

Data File : BF093256.D
Acq On : 28 Feb 2017 18:47
Operator : SJ/MA
Sample : I2017-09MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

Quant Time: Mar 01 02:16:51 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	149509	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	537302	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	221856	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	353310	20.00	ng	-0.05
75) Chrysene-d12	13.99	240	283259	20.00	ng	-0.03
86) Perylene-d12	15.41	264	231999	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1072113	123.03	ng	-0.02
7) Phenol-d6	6.48	99	1295957	115.58	ng	-0.01
23) Nitrobenzene-d5	7.38	82	774601	80.28	ng	-0.05
41) 2,4,6-Tribromophenol	10.65	330	193634	120.67	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1084784	88.58	ng	-0.05
78) Terphenyl-d14	12.92	244	792322	65.72	ng	-0.05

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.38	88	164357	34.90	ng	86
3) Pyridine	3.09	79	436114	36.42	ng	87
4) n-Nitrosodimethylamine	3.05	42	228553	40.65	ng	84
6) Aniline	6.49	93	261603	17.10	ng	# 61
8) 2-Chlorophenol	6.60	128	376551	39.17	ng	99
9) Benzaldehyde	6.35	77	126345	15.73	ng	87
10) Phenol	6.49	94	542873	41.38	ng	# 77
11) bis(2-Chloroethyl)ether	6.54	93	408860	39.05	ng	93
12) 1,3-Dichlorobenzene	6.75	146	421575	37.44	ng	98
13) 1,4-Dichlorobenzene	6.82	146	407779	35.78	ng	98
14) 1,2-Dichlorobenzene	6.98	146	404817	37.15	ng	96
15) Benzyl Alcohol	6.96	79	293952	35.41	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	655876	36.05	ng	71
17) 2-Methylphenol	7.09	107	303027	36.74	ng	# 87
18) Hexachloroethane	7.31	117	112435	28.90	ng	# 83
19) n-Nitroso-di-n-propylamine	7.23	70	302896	42.44	ng	97
20) 3+4-Methylphenols	7.24	107	415063	42.09	ng	# 71
22) Acetophenone	7.22	105	509126	41.50	ng	98
24) Nitrobenzene	7.40	77	415878	41.98	ng	# 86
25) Isophorone	7.64	82	729019	40.55	ng	96
26) 2-Nitrophenol	7.71	139	160961	34.18	ng	# 87
27) 2,4-Dimethylphenol	7.77	122	326668	39.50	ng	93
28) bis(2-Chloroethoxy)methane	7.85	93	490294	41.17	ng	99
29) 2,4-Dichlorophenol	7.97	162	294939	38.23	ng	96
30) 1,2,4-Trichlorobenzene	8.04	180	315560	37.96	ng	98
31) Naphthalene	8.12	128	1004430	36.88	ng	98
32) Benzoic acid	7.77	122	326668	66.47	ng	# 10
33) 4-Chloroaniline	8.18	127	158075	14.80	ng	98
34) Hexachlorobutadiene	8.24	225	158685	34.70	ng	98
35) Caprolactam	8.54	113	89496	36.88	ng	# 47
36) 4-Chloro-3-methylphenol	8.67	107	287496	35.75	ng	100
37) 2-Methylnaphthalene	8.81	142	611832	34.99	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	276745	44.44	ng	97
40) Hexachlorocyclopentadiene	8.96	237	13345	4.75	ng	96

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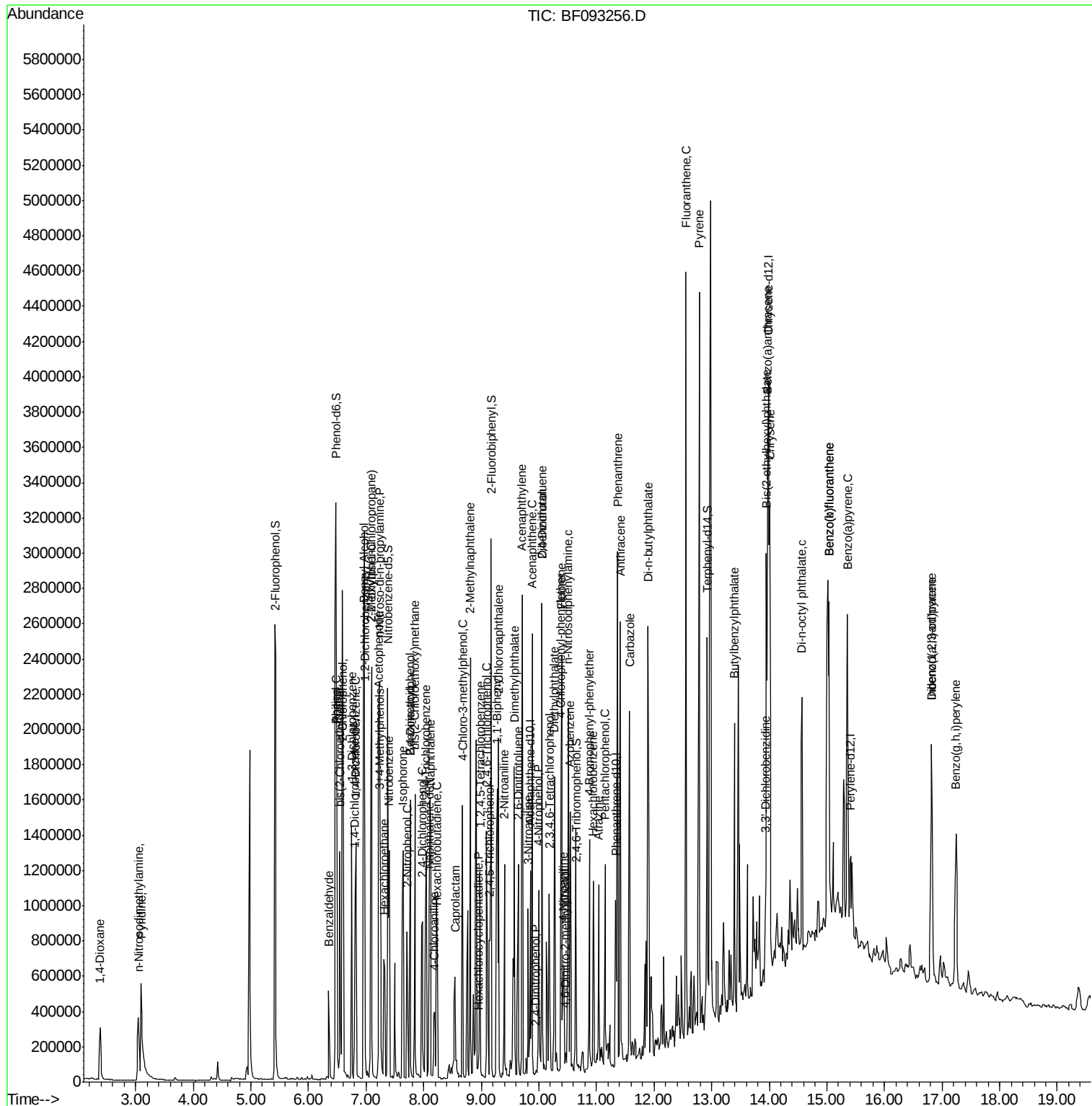
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	180494	44.11	ng	92
43) 2,4,5-Trichlorophenol	9.15	196	175883	39.23	ng	# 84
45) 1,1'-Biphenyl	9.28	154	725345	45.15	ng	99
46) 2-Chloronaphthalene	9.30	162	579142	46.08	ng	98
47) 2-Nitroaniline	9.40	65	205649	48.67	ng	96
48) Acenaphthylene	9.71	152	1094044	50.39	ng	99
49) Dimethylphthalate	9.57	163	730914	48.91	ng	99
50) 2,6-Dinitrotoluene	9.64	165	128563	39.84	ng	# 84
51) Acenaphthene	9.88	154	512384	39.48	ng	96
52) 3-Nitroaniline	9.81	138	135624	36.72	ng	96
53) 2,4-Dinitrophenol	9.95	184	913	5.26	ng	# 1
54) Dibenzofuran	10.05	168	720512	41.50	ng	96
55) 4-Nitrophenol	10.00	139	164985	62.02	ng	# 86
56) 2,4-Dinitrotoluene	10.05	165	147805	34.40	ng	# 90
57) Fluorene	10.40	166	559510	41.89	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	125316	41.90	ng	98
59) Diethylphthalate	10.27	149	595764	42.30	ng	99
60) 4-Chlorophenyl-phenylether	10.38	204	231200	36.03	ng	96
61) 4-Nitroaniline	10.43	138	151429	40.03	ng	81
62) Azobenzene	10.54	77	613817	42.19	ng	97
64) 4,6-Dinitro-2-methylphenol	10.46	198	4447	4.62	ng	# 1
65) n-Nitrosodiphenylamine	10.51	169	494749	43.84	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	138555	37.54	ng	99
67) Hexachlorobenzene	10.94	284	132505	36.33	ng	# 79
68) Atrazine	11.04	200	131908	36.42	ng	98
69) Pentachlorophenol	11.15	266	131020	70.52	ng	97
70) Phenanthrene	11.37	178	1721948	85.07	ng	98
71) Anthracene	11.41	178	987778	48.59	ng	98
72) Carbazole	11.57	167	813957	41.89	ng	98
73) Di-n-butylphthalate	11.89	149	1569862	74.70	ng	99
74) Fluoranthene	12.56	202	2026606	97.06	ng	98
77) Pyrene	12.78	202	1921630	90.65	ng	99
79) Butylbenzylphthalate	13.39	149	392051	45.54	ng	99
80) Benzo(a)anthracene	13.97	228	1421662	82.06	ng	95
81) 3,3'-Dichlorobenzidine	13.94	252	126857	20.54	ng	# 92
82) Chrysene	14.01	228	1113640	68.66	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	651810	55.37	ng	99
84) Di-n-octyl phthalate	14.57	149	933038	48.67	ng	100
85) Indeno(1,2,3-cd)pyrene	16.82	276	798907	63.59	ng	95
87) Benzo(b)fluoranthene	15.04	252	2151285	140.88	ng	98
88) Benzo(k)fluoranthene	15.04	252	2151285	163.17	ng	100
89) Benzo(a)pyrene	15.36	252	939210	71.11	ng	98
90) Dibenzo(a,h)anthracene	16.82	278	432386	40.50	ng	95
91) Benzo(g,h,i)perylene	17.24	276	752638	69.79	ng	# 91

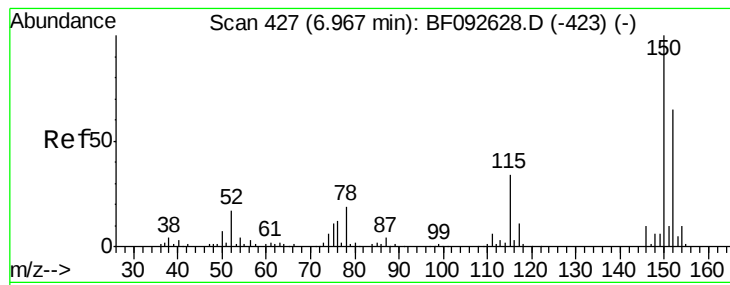
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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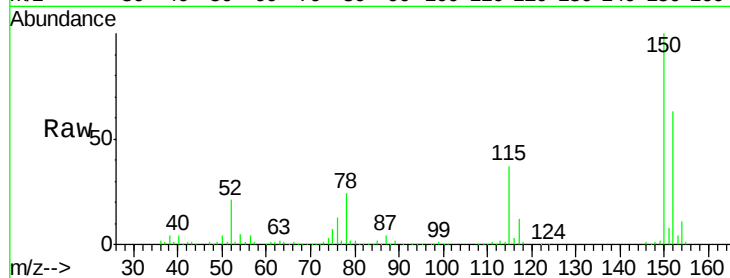




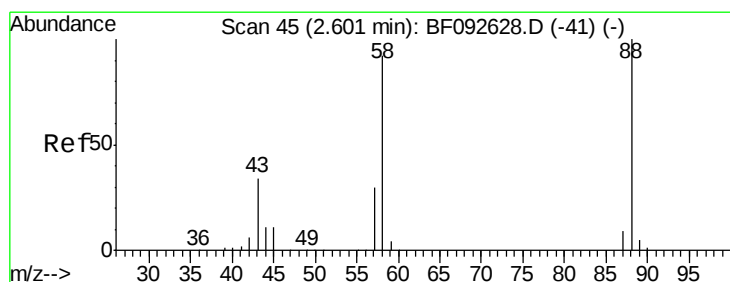
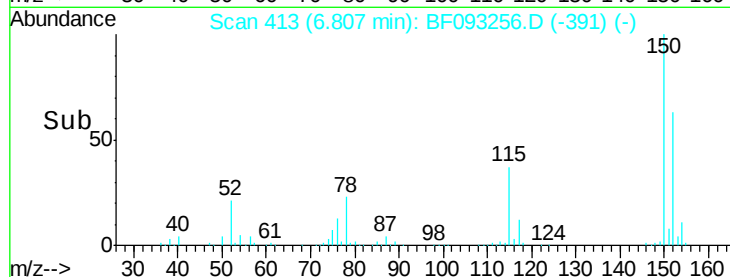
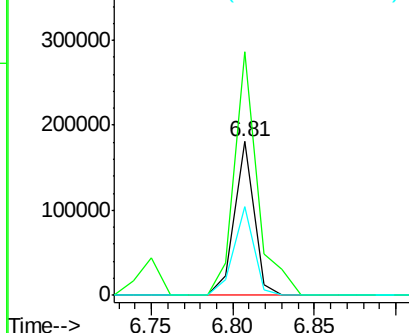
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.05 min
 Lab File: BF093256.D
 Acq: 28 Feb 2017 18:47

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 BNA_F
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 TK3-6-20170227MSD

Tgt Ion:152 Resp: 149509
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.9 187.3
 115 57.9 46.0 69.0

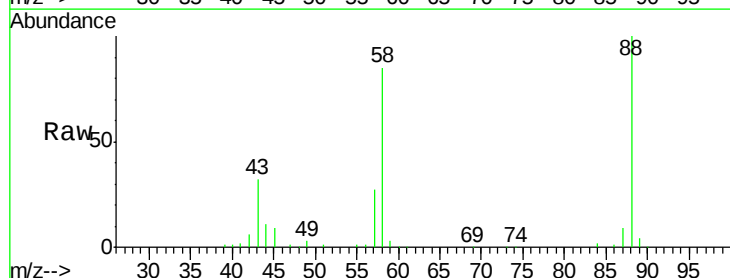


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

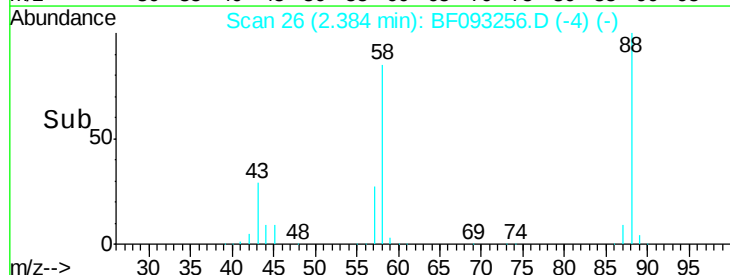
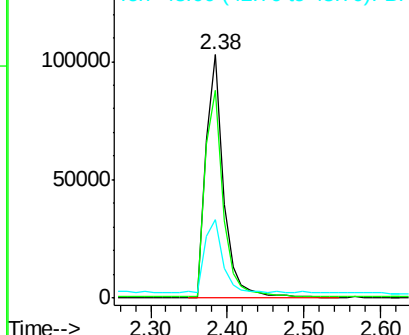


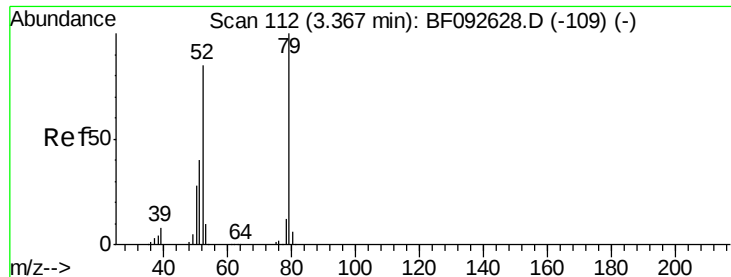
#2
 1,4-Dioxane
 Concen: 34.90 ng
 RT: 2.38 min Scan# 26
 Delta R.T. -0.05 min
 Lab File: BF093256.D
 Acq: 28 Feb 2017 18:47

Tgt Ion: 88 Resp: 164357
 Ion Ratio Lower Upper
 88 100
 58 86.0 57.8 86.8
 43 31.4 22.3 33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.42 ng

RT: 3.09 min Scan# 88

Delta R.T. -0.06 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

TK3-6-20170227MSD

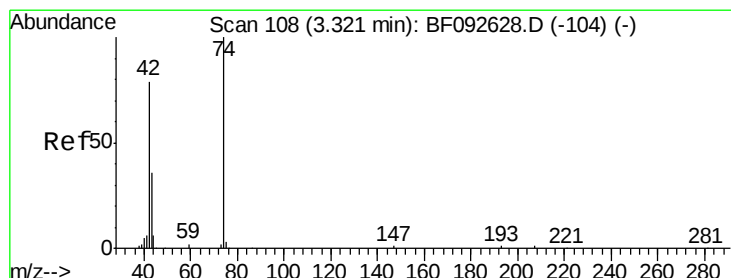
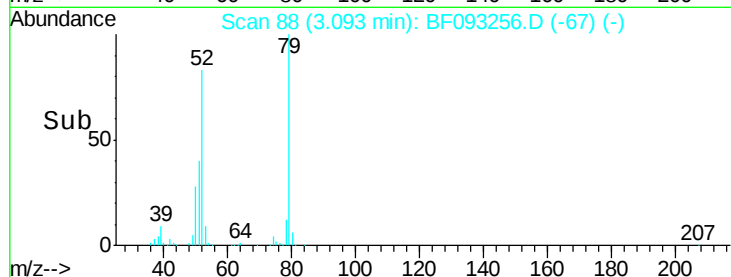
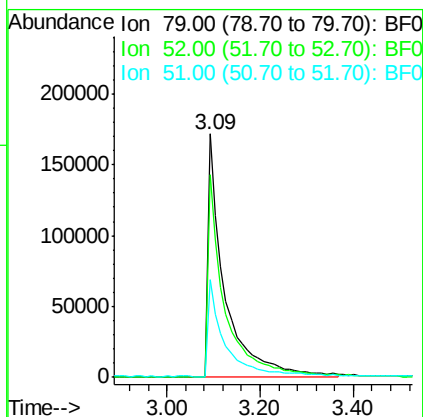
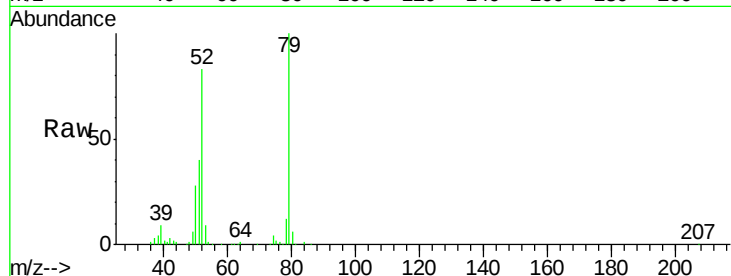
Tgt Ion: 79 Resp: 436114

Ion Ratio Lower Upper

79 100

52 83.2 57.1 85.7

51 40.2 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 40.65 ng

RT: 3.05 min Scan# 84

Delta R.T. -0.06 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

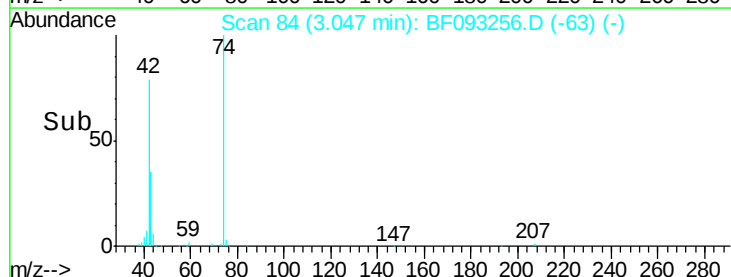
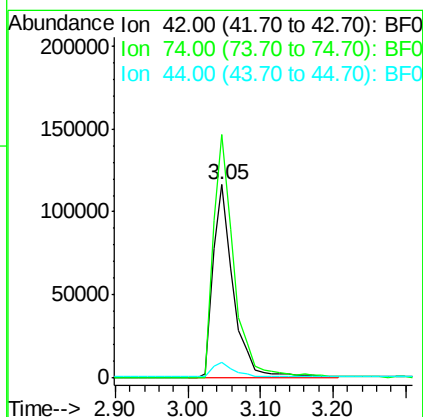
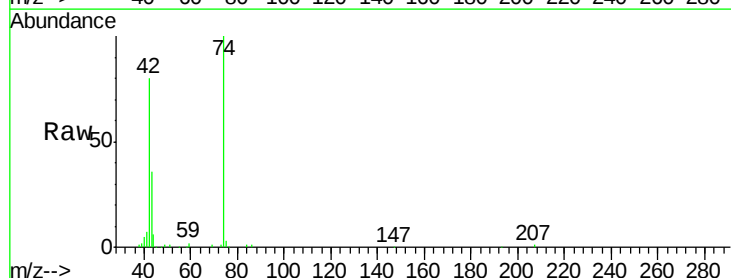
Tgt Ion: 42 Resp: 228553

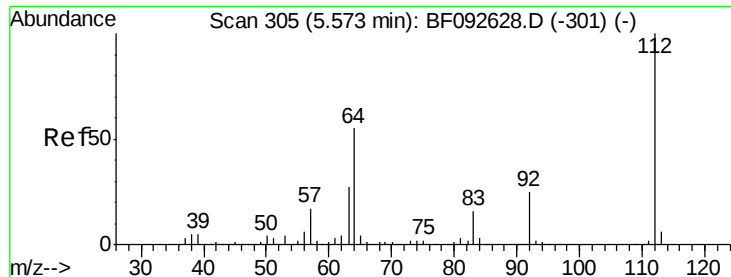
Ion Ratio Lower Upper

42 100

74 125.8 117.0 175.4

44 8.2 5.5 8.3





#5

2-Fluorophenol

Concen: 123.03 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

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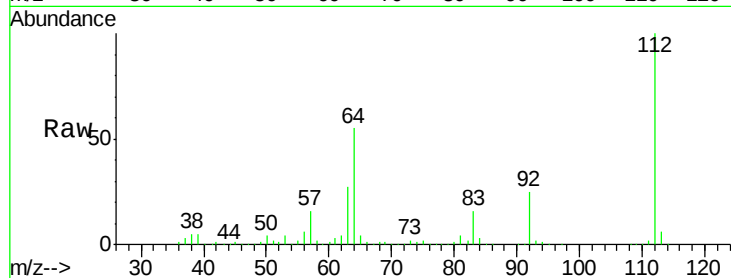
Tgt Ion: 112 Resp: 1072113

Ion Ratio Lower Upper

112 100

64 54.7 46.1 69.1

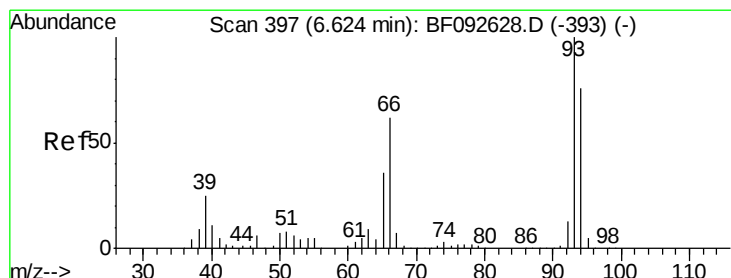
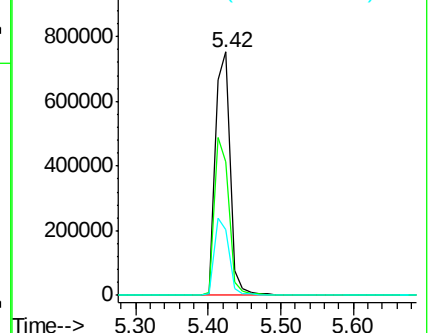
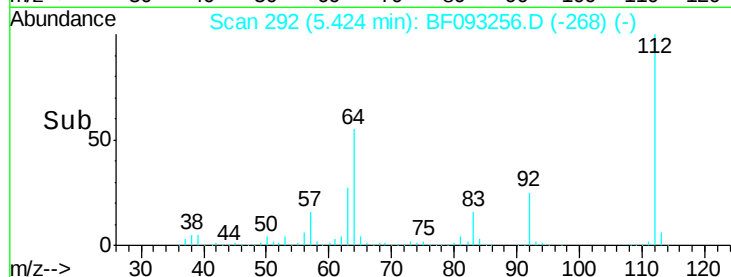
63 27.1 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.10 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

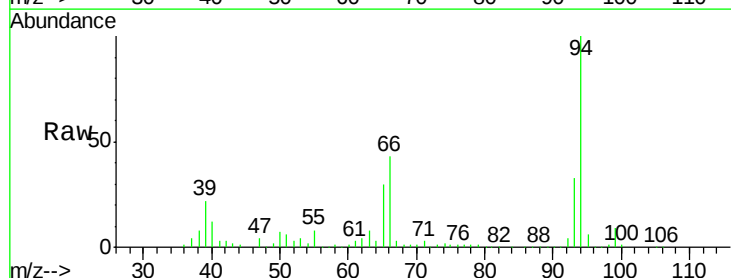
Tgt Ion: 93 Resp: 261603

Ion Ratio Lower Upper

93 100

66 132.3 76.2 114.2#

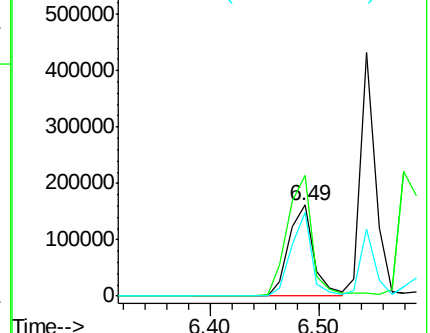
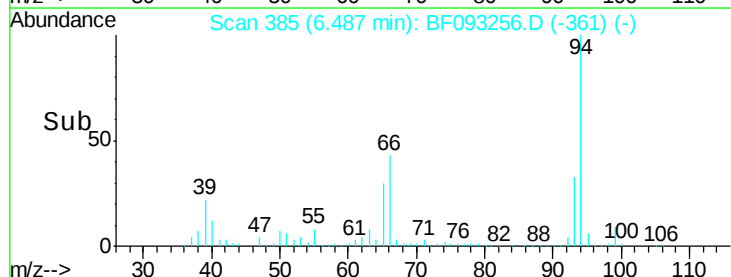
65 92.0 49.3 73.9#

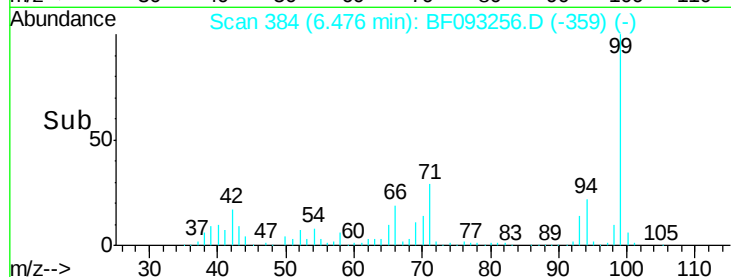
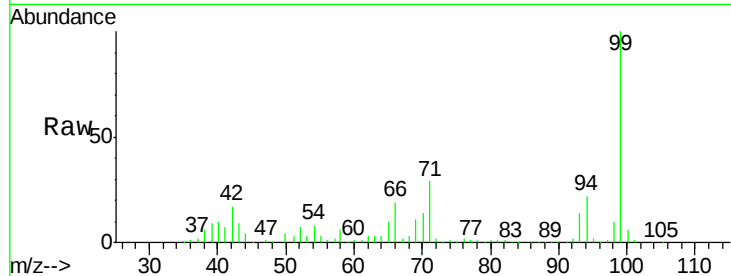
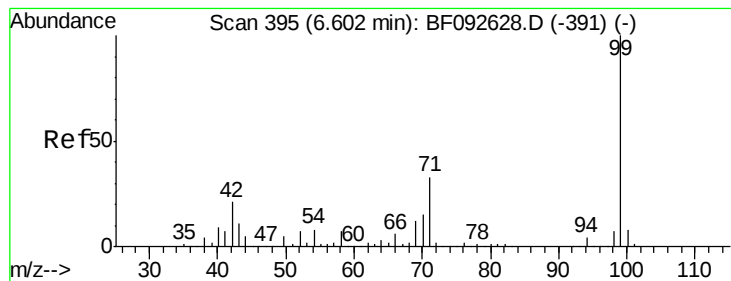


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 115.58 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

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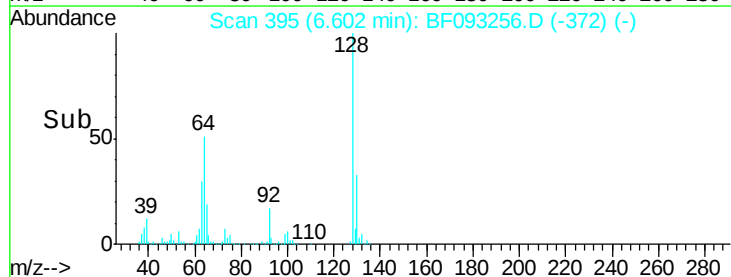
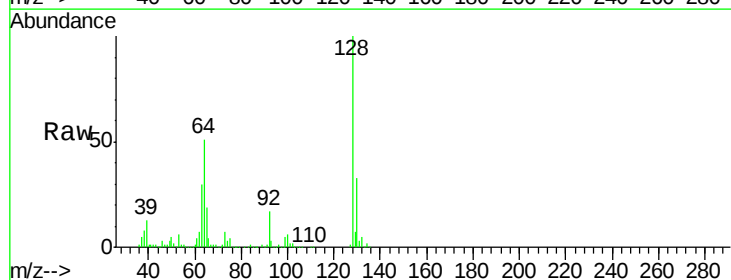
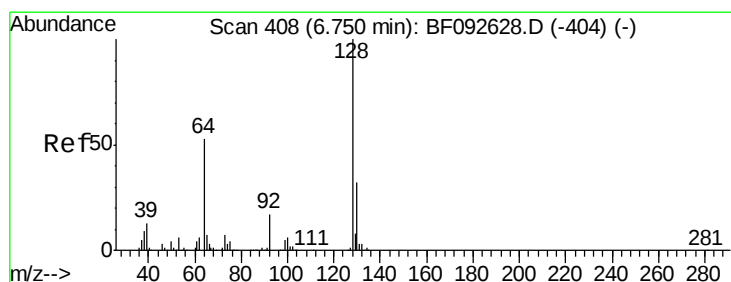
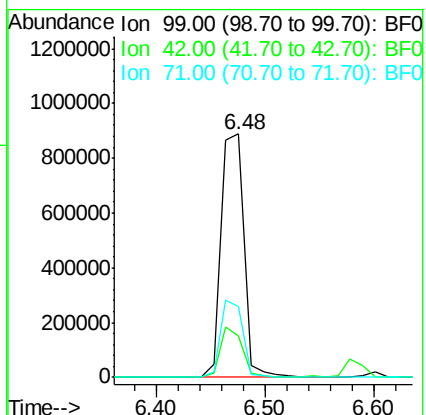
Tgt Ion: 99 Resp: 1295957

Ion Ratio Lower Upper

99 100

42 16.9 15.6 23.4

71 29.1 27.5 41.3



#8

2-Chlorophenol

Concen: 39.17 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

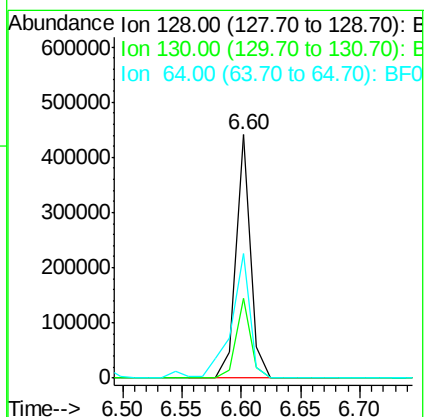
Tgt Ion: 128 Resp: 376551

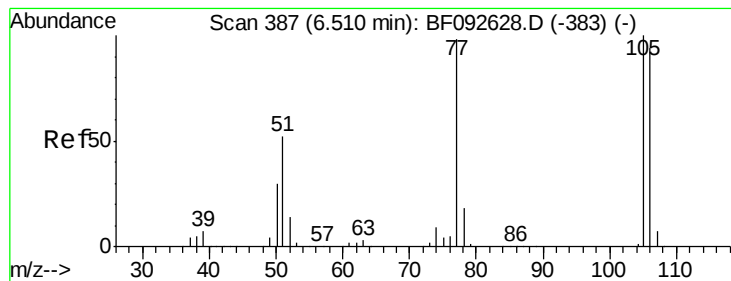
Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

64 51.3 32.2 72.2





#9

Benzaldehyde

Concen: 15.73 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.05 min

Lab File: BF093256.D

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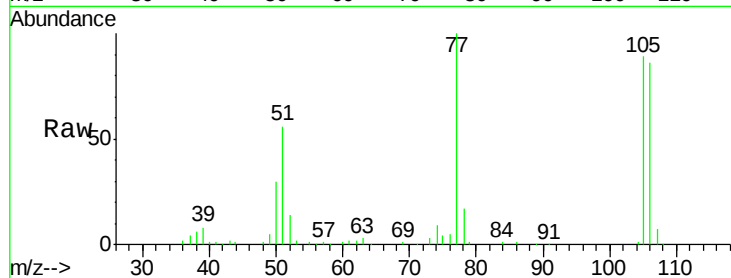
Tgt Ion: 77 Resp: 126345

Ion Ratio Lower Upper

77 100

105 89.0 83.9 123.9

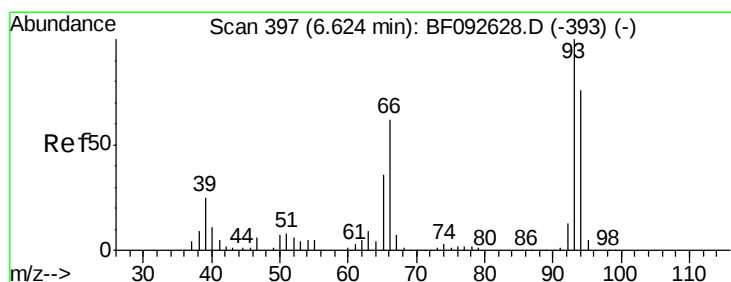
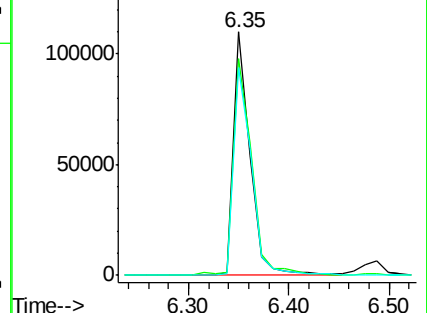
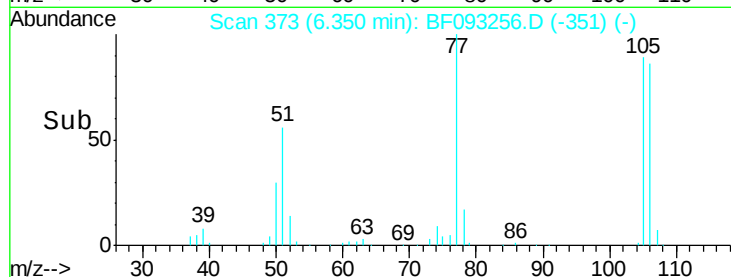
106 85.6 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.38 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093256.D

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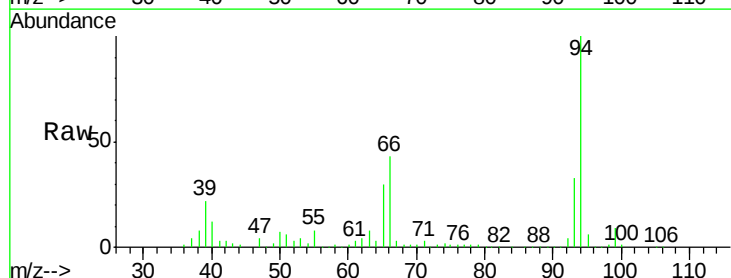
Tgt Ion: 94 Resp: 542873

Ion Ratio Lower Upper

94 100

65 29.9 21.4 61.4

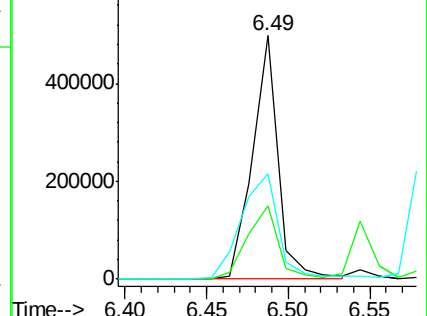
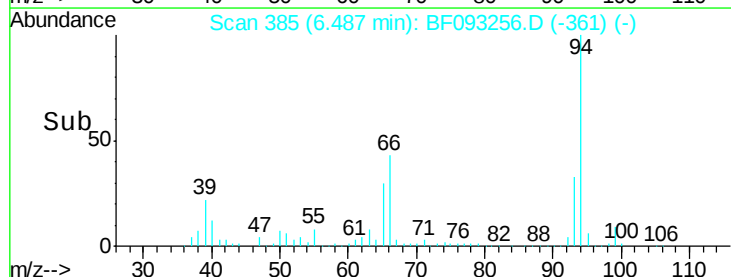
66 43.1 44.0 84.0#

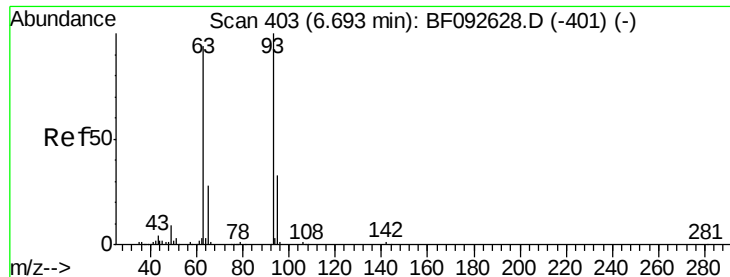


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

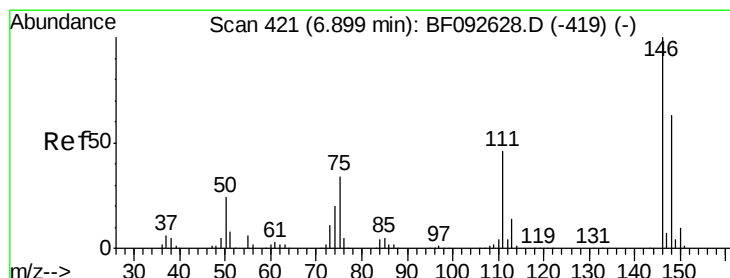
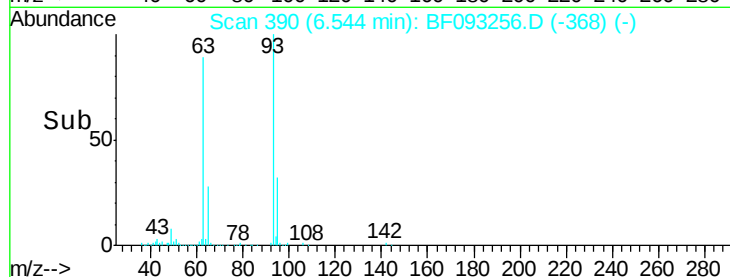
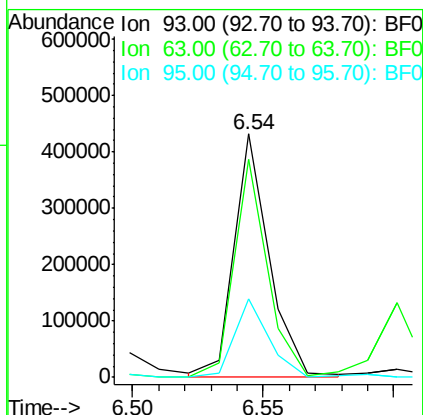
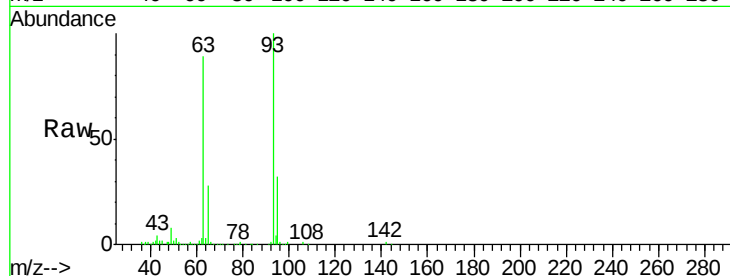




#11
bis(2-Chloroethyl)ether
Concen: 39.05 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

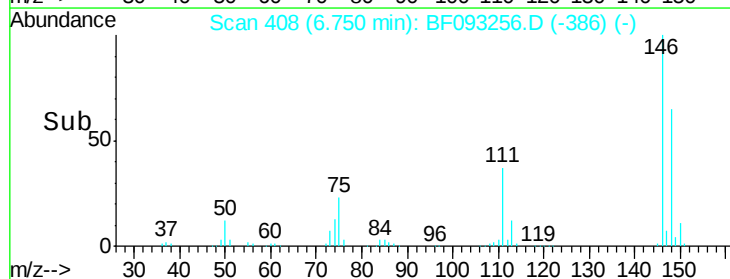
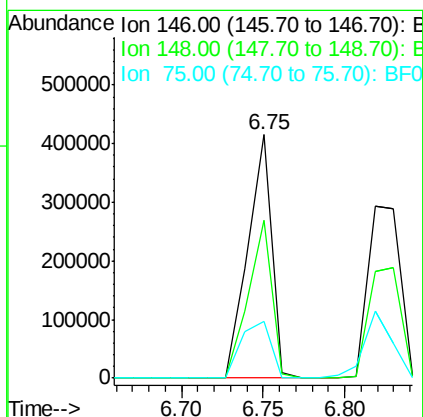
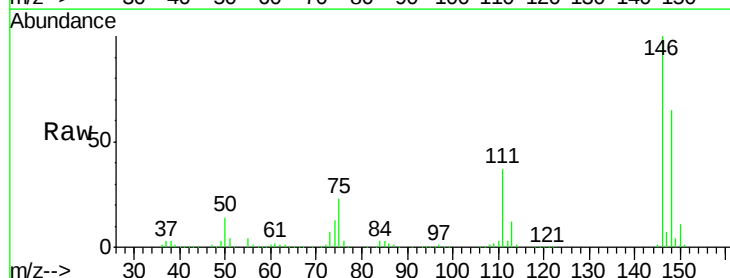
Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

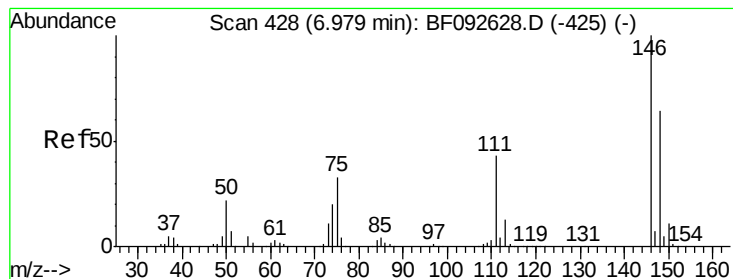
Tgt Ion: 93 Resp: 408860
Ion Ratio Lower Upper
93 100
63 89.3 60.4 100.4
95 32.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 37.44 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion: 146 Resp: 421575
Ion Ratio Lower Upper
146 100
148 64.6 53.4 80.0
75 23.3 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 35.78 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.06 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

TK3-6-20170227MSD

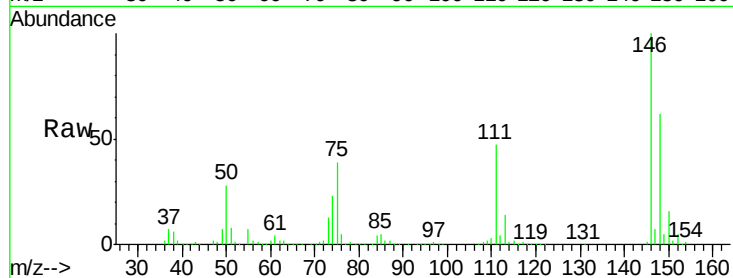
Tgt Ion:146 Resp: 407779

Ion Ratio Lower Upper

146 100

148 61.8 50.6 76.0

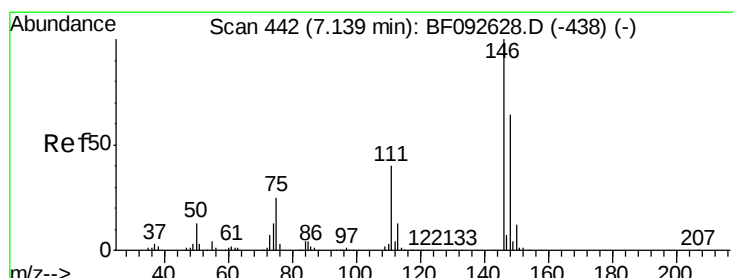
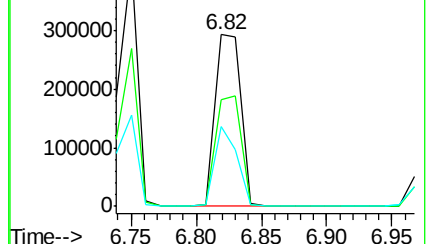
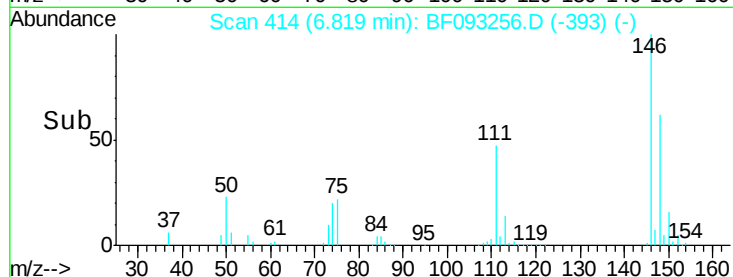
111 46.6 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.15 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

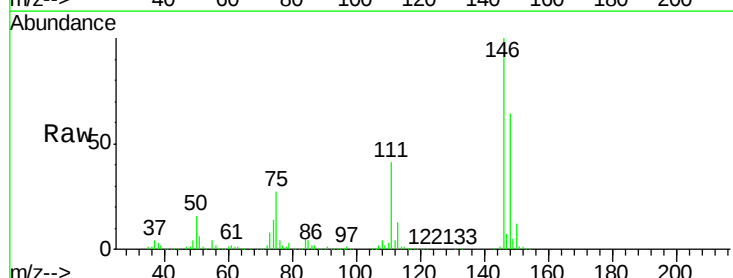
Tgt Ion:146 Resp: 404817

Ion Ratio Lower Upper

146 100

148 63.6 52.2 78.2

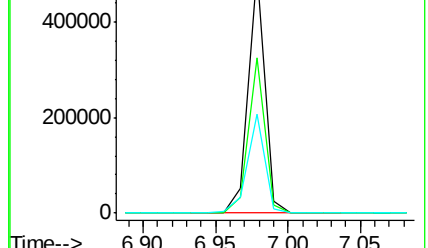
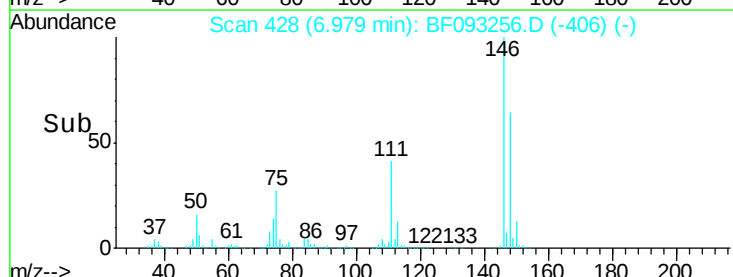
111 40.6 36.2 54.2

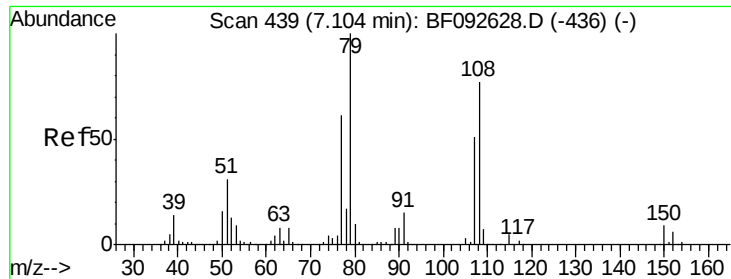


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.41 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

TK3-6-20170227MSD

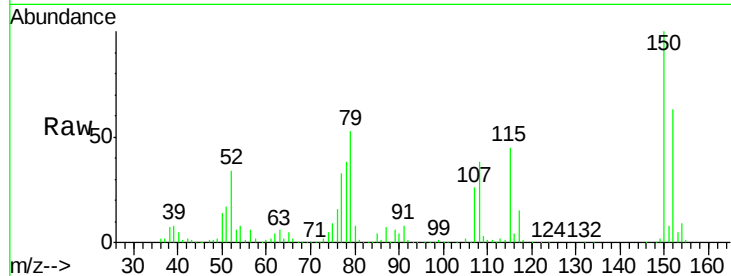
Tgt Ion: 79 Resp: 293952

Ion Ratio Lower Upper

79 100

108 70.6 61.4 92.0

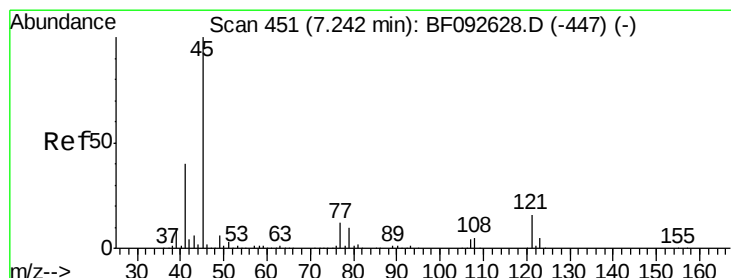
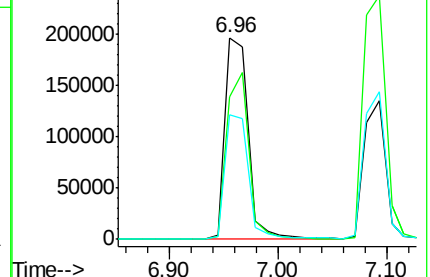
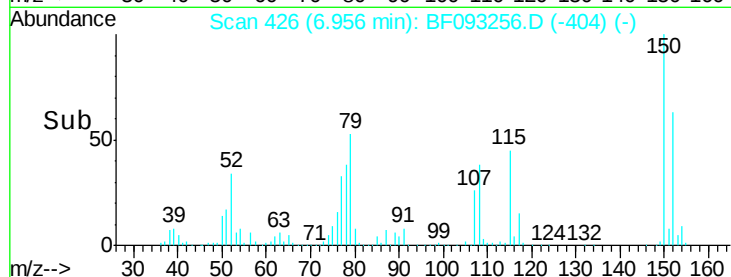
77 61.8 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.05 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

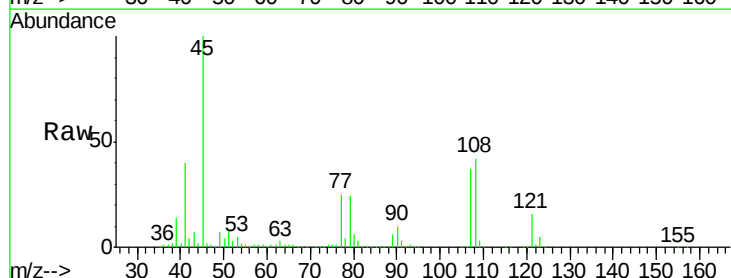
Tgt Ion: 45 Resp: 655876

Ion Ratio Lower Upper

45 100

77 25.4 0.0 34.6

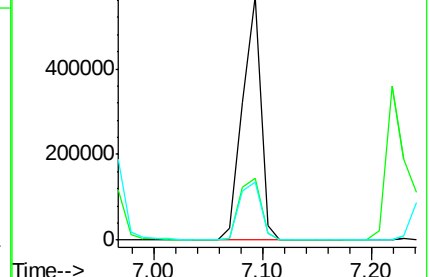
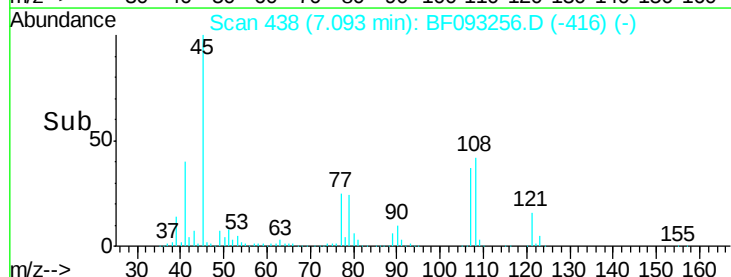
79 23.7 0.0 31.2

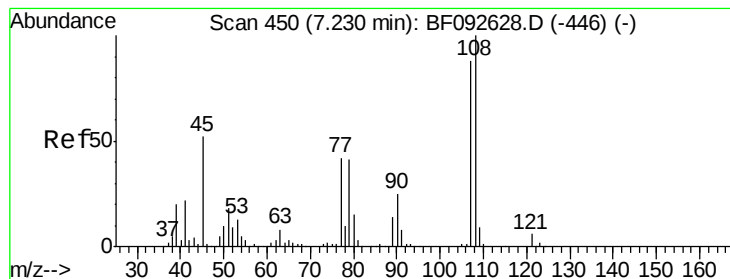


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 36.74 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.02 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

TK3-6-20170227MSD

Tgt Ion:107 Resp: 303027

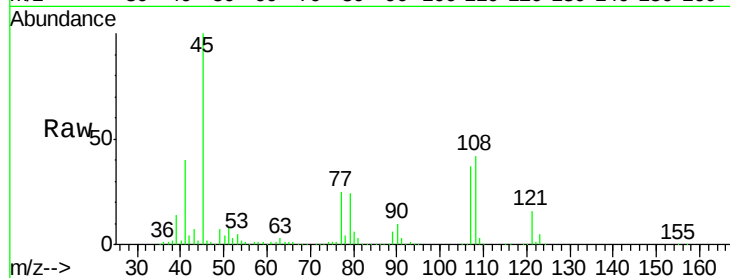
Ion Ratio Lower Upper

107 100

108 113.7 93.0 139.6

77 69.1 39.8 59.8#

79 64.5 38.0 57.0#

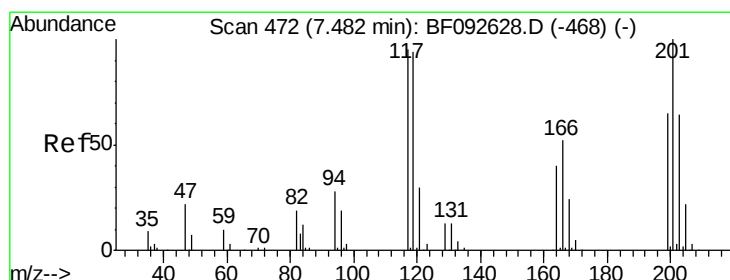
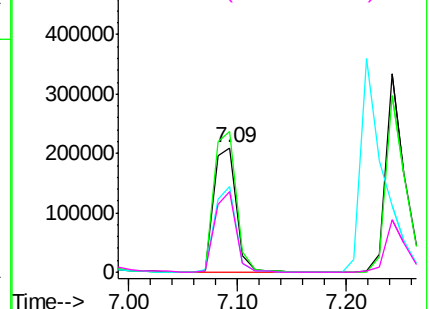
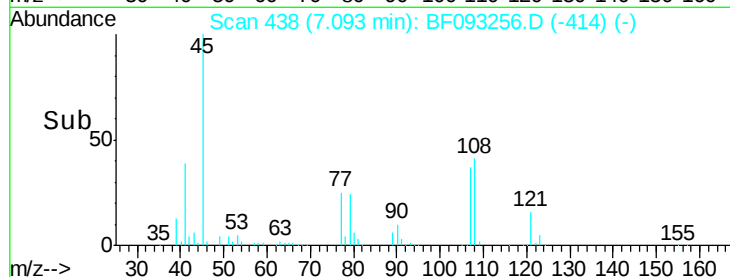


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 28.90 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.06 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

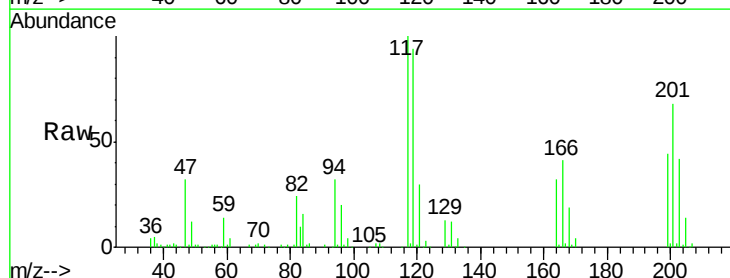
Tgt Ion:117 Resp: 112435

Ion Ratio Lower Upper

117 100

119 94.1 78.1 117.1

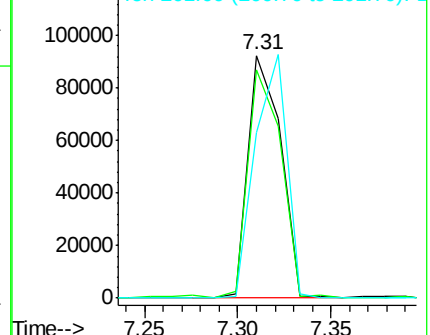
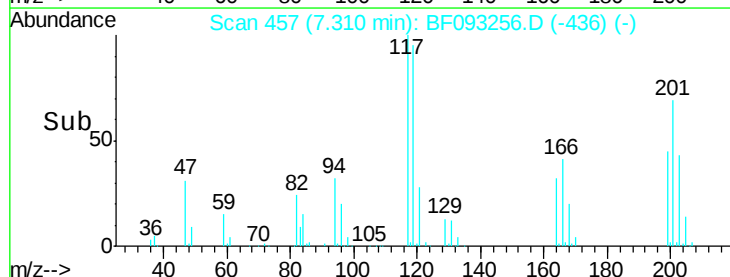
201 68.0 78.6 117.8#

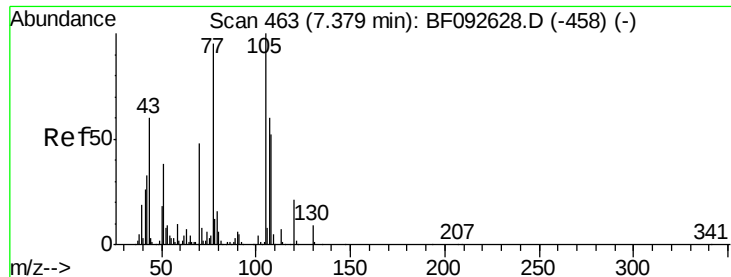


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

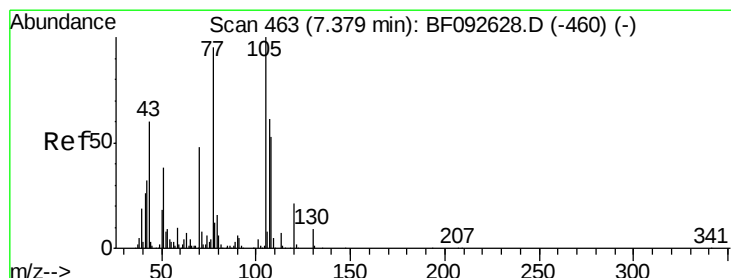
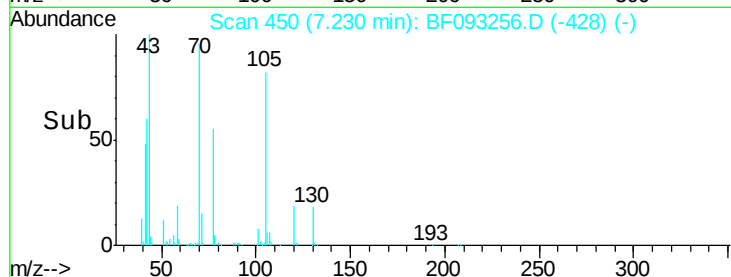
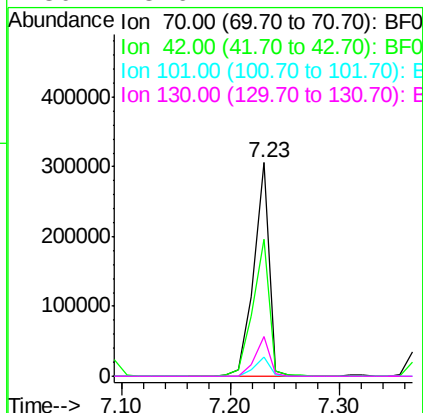
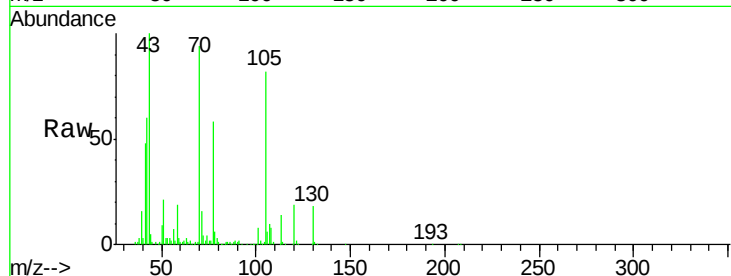




#19
n-Nitroso-di-n-propylamine
Concen: 42.44 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

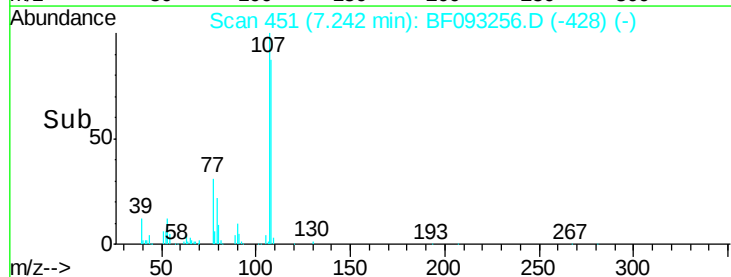
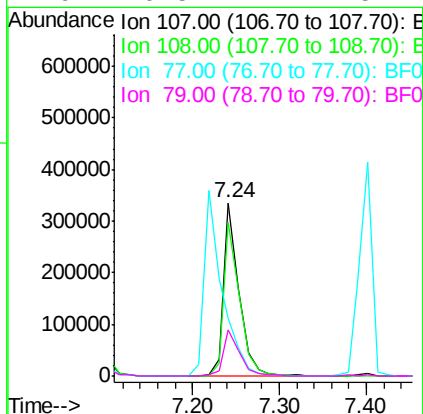
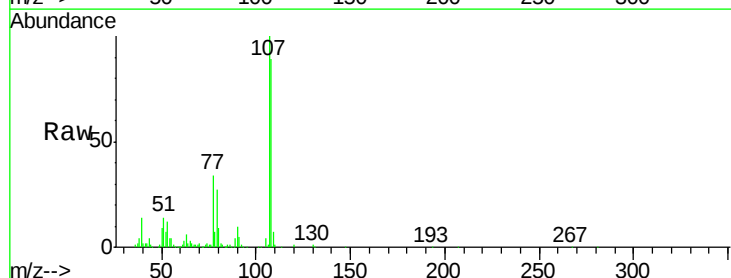
Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

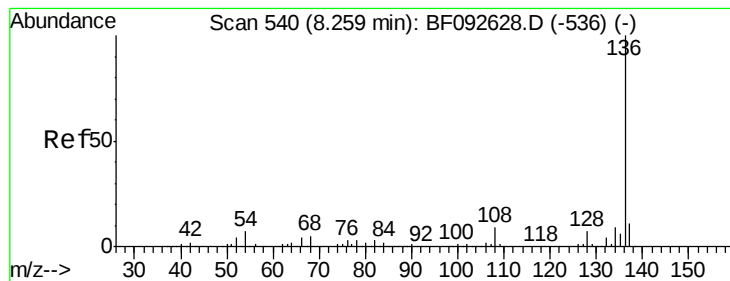
Tgt Ion:	70	Resp:	302896
Ion	Ratio	Lower	Upper
70	100		
42	63.9	49.4	74.0
101	8.8	7.4	11.2
130	18.6	14.2	21.4



#20
3+4-Methylphenols
Concen: 42.09 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.03 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion:	107	Resp:	415063
Ion	Ratio	Lower	Upper
107	100		
108	89.1	73.0	113.0
77	33.7	71.3	111.3#
79	26.5	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

TK3-6-20170227MSD

Tgt Ion:136 Resp: 537302

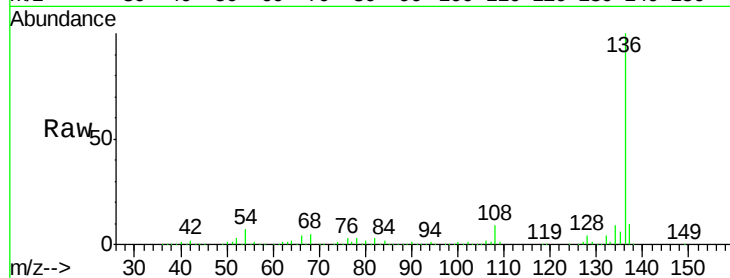
Ion Ratio Lower Upper

136 100

137 10.2 8.4 12.6

54 7.4 4.5 6.7#

68 5.5 3.6 5.4#

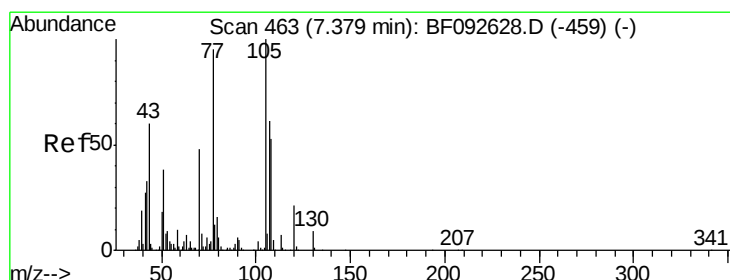
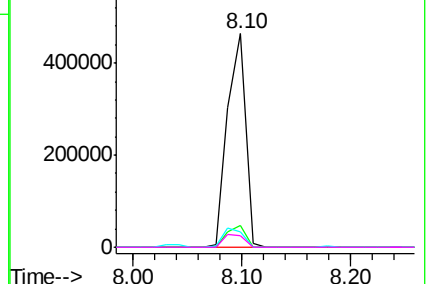
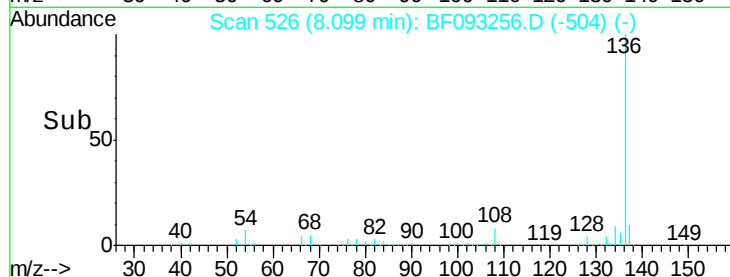


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.50 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Tgt Ion:105 Resp: 509126

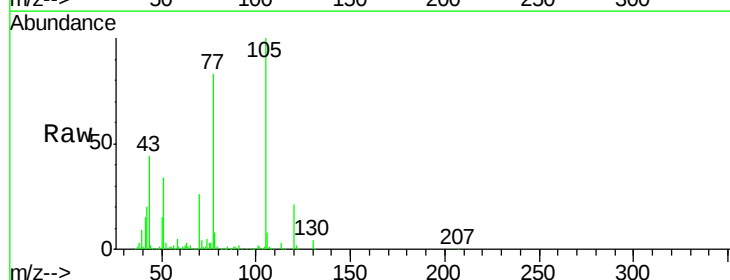
Ion Ratio Lower Upper

105 100

71 4.5 3.2 4.8

51 34.3 26.2 39.4

120 20.8 16.6 24.8

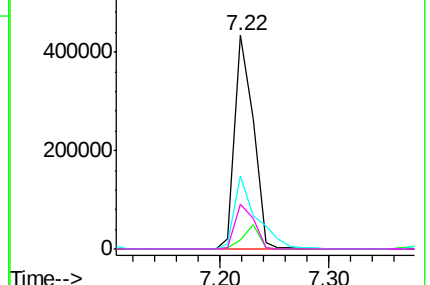
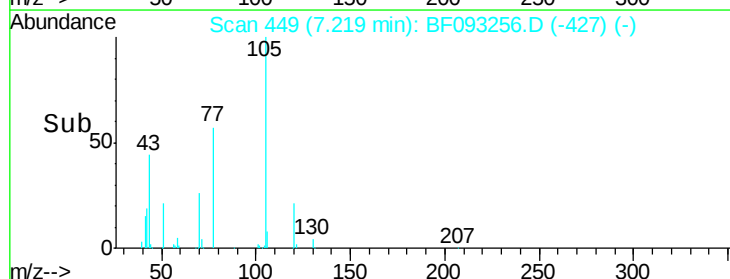


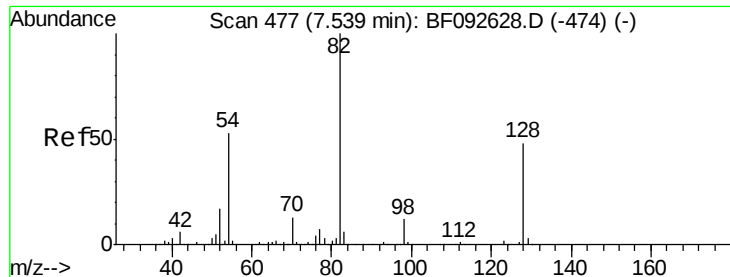
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

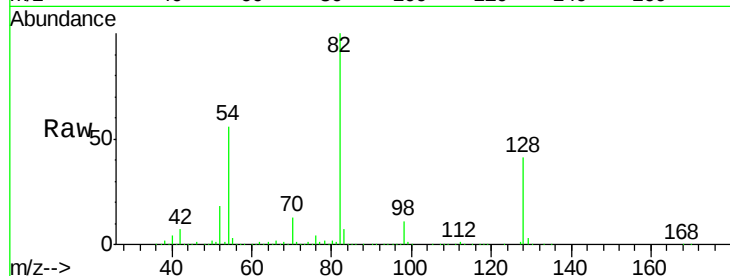




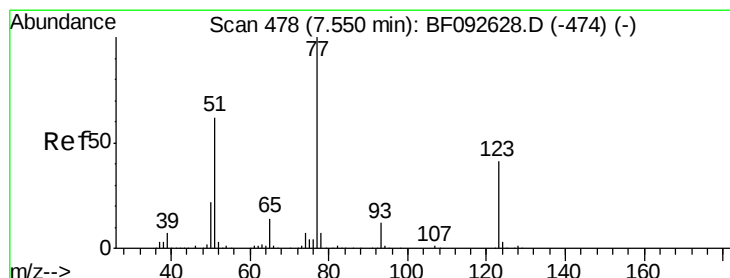
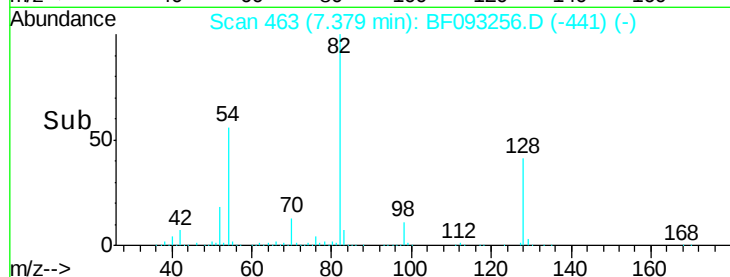
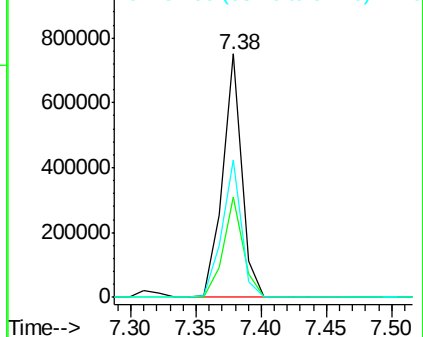
#23
 Nitrobenzene-d5
 Concen: 80.28 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.05 min
 Lab File: BF093256.D
 Acq: 28 Feb 2017 18:47

Instrument :
 BNA_F
 ClientSampleId :
 TK3-6-20170227MSD

Tgt Ion: 82 Resp: 774601
 Ion Ratio Lower Upper
 82 100
 128 41.3 34.6 52.0
 54 56.4 39.5 59.3

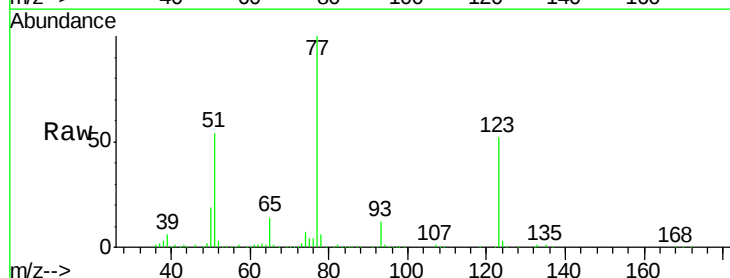


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

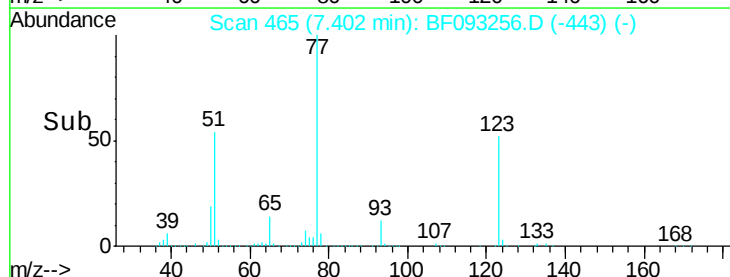
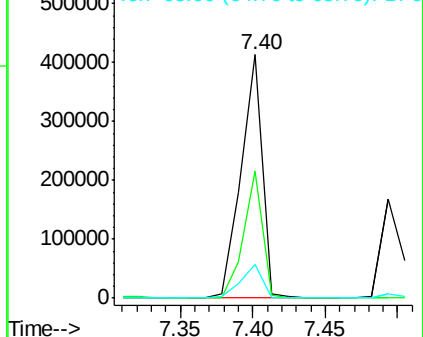


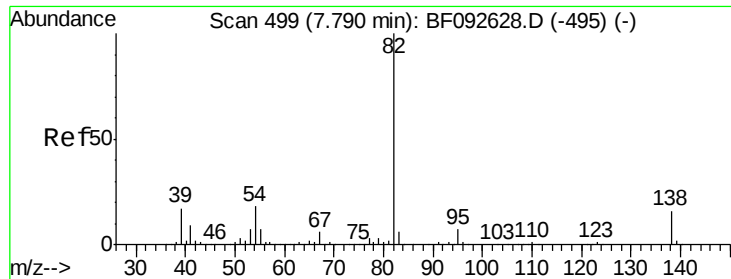
#24
 Nitrobenzene
 Concen: 41.98 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.05 min
 Lab File: BF093256.D
 Acq: 28 Feb 2017 18:47

Tgt Ion: 77 Resp: 415878
 Ion Ratio Lower Upper
 77 100
 123 52.3 33.0 49.4#
 65 13.6 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0

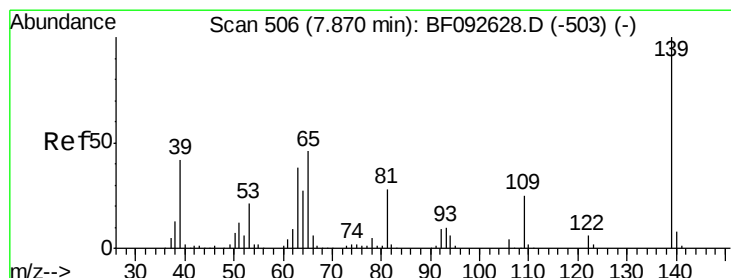
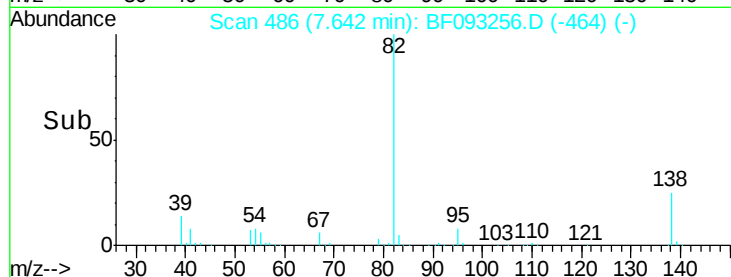
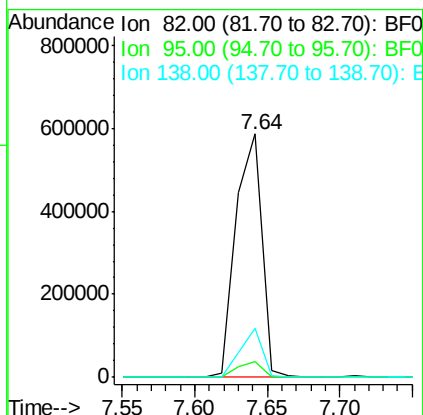
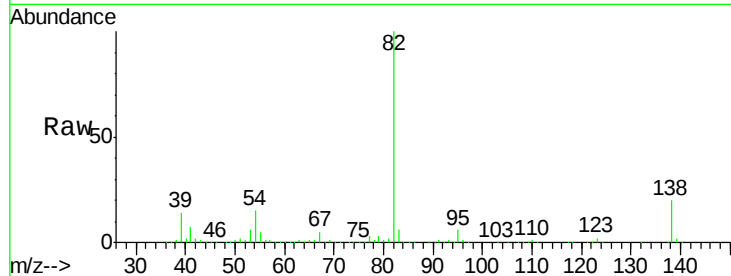




#25
Isophorone
Concen: 40.55 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

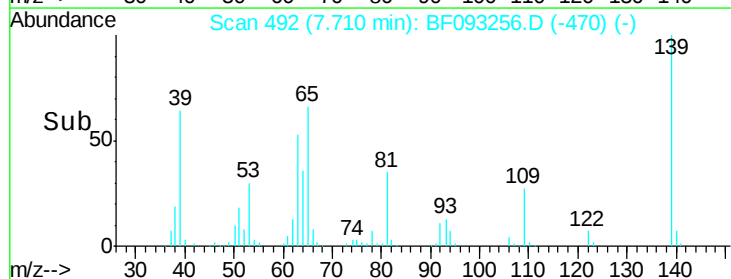
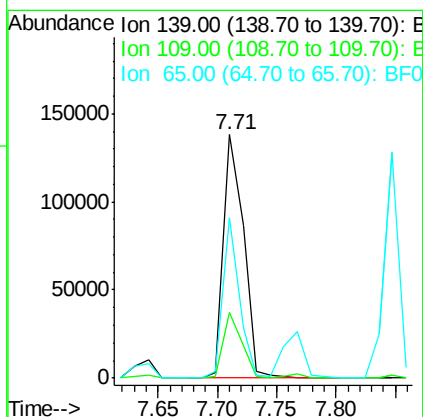
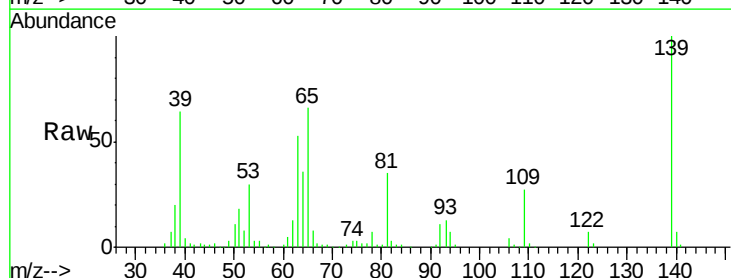
Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

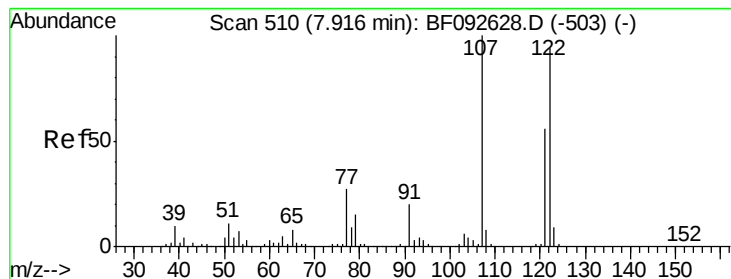
Tgt Ion: 82 Resp: 729019
Ion Ratio Lower Upper
82 100
95 6.5 5.6 8.4
138 20.3 14.6 22.0



#26
2-Nitrophenol
Concen: 34.18 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion: 139 Resp: 160961
Ion Ratio Lower Upper
139 100
109 27.0 23.3 34.9
65 65.8 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 39.50 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.03 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

TK3-6-20170227MSD

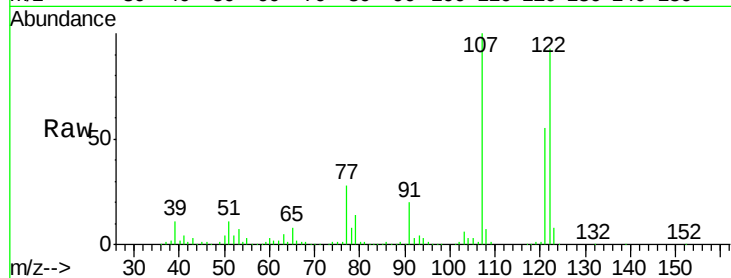
Tgt Ion:122 Resp: 326668

Ion Ratio Lower Upper

122 100

107 107.0 94.1 141.1

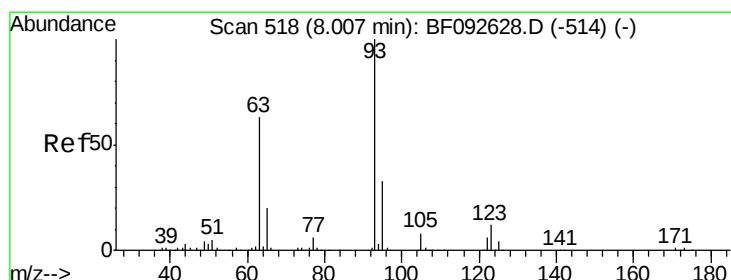
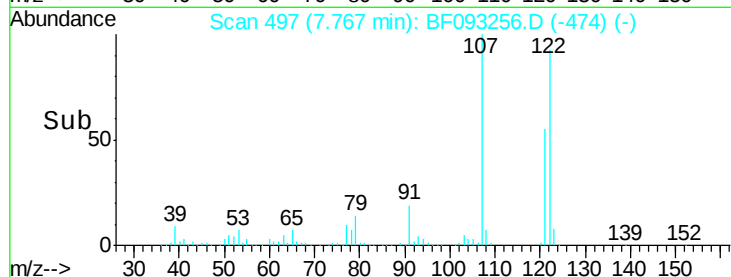
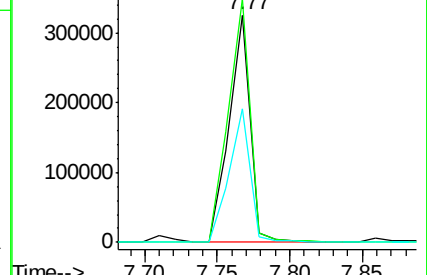
121 58.6 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.17 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

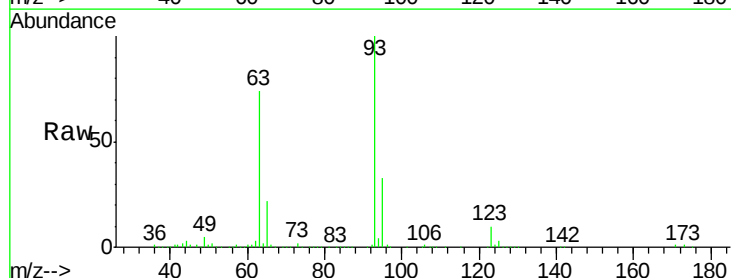
Tgt Ion: 93 Resp: 490294

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

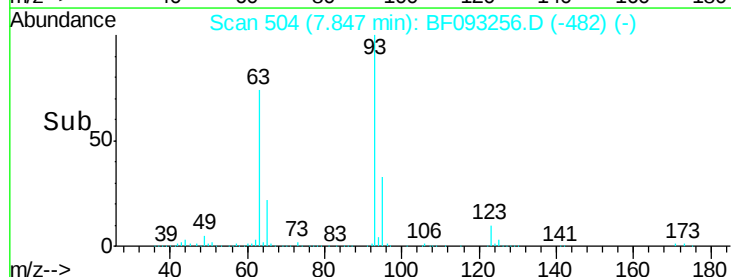
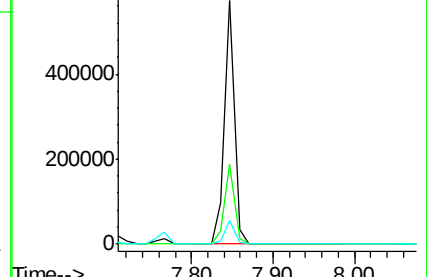
123 9.8 8.6 13.0

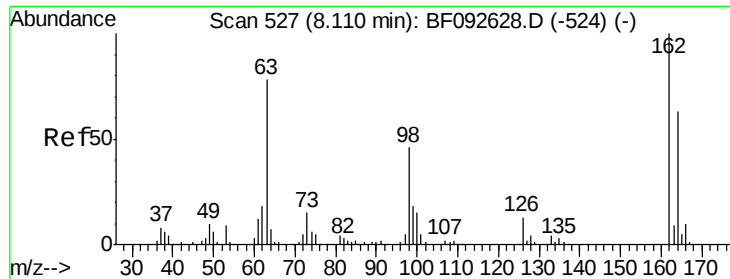


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

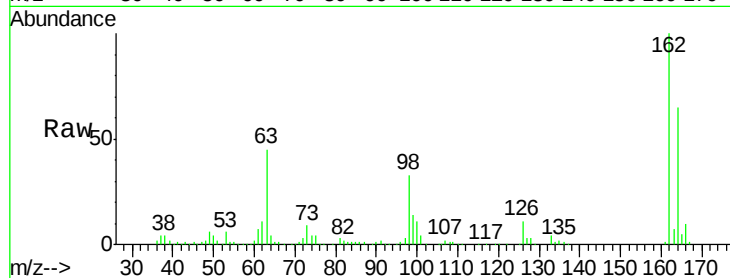




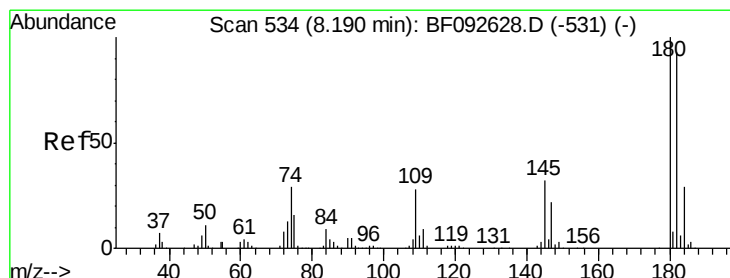
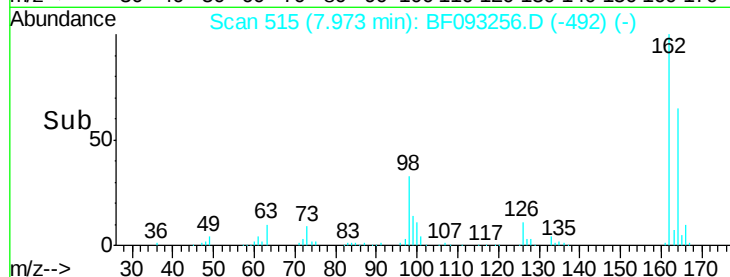
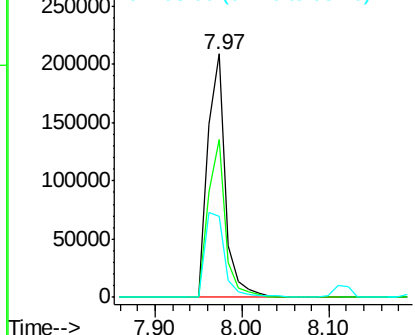
#29
2,4-Dichlorophenol
Concen: 38.23 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.03 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.8	46.8	86.8
98	33.1	9.1	49.1

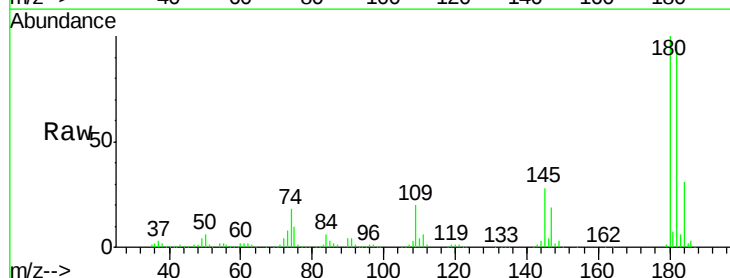


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

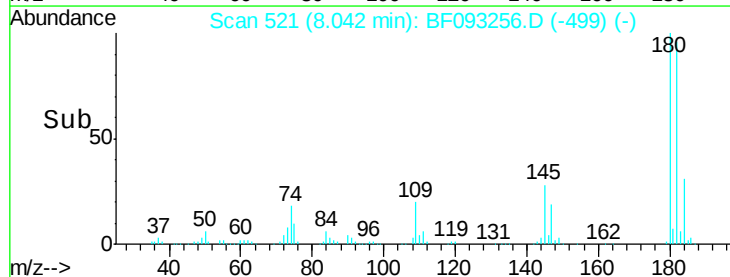
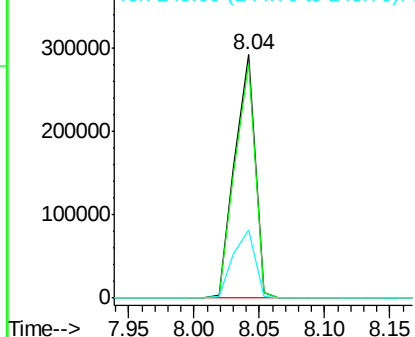


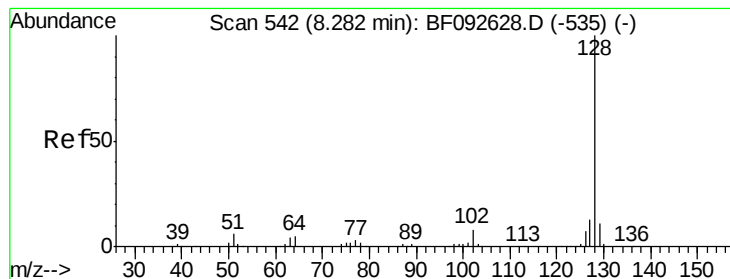
#30
1,2,4-Trichlorobenzene
Concen: 37.96 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	78.2	117.4
145	28.0	21.6	32.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.88 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

TK3-6-20170227MSD

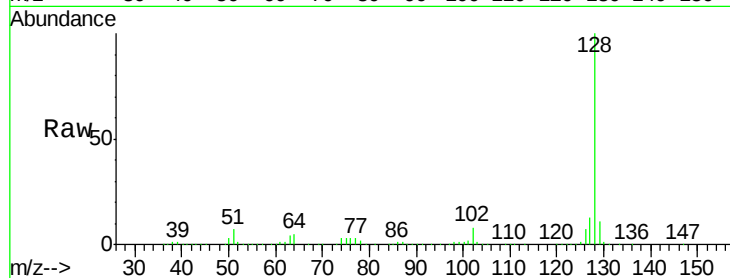
Tgt Ion:128 Resp: 1004430

Ion Ratio Lower Upper

128 100

129 10.6 9.5 14.3

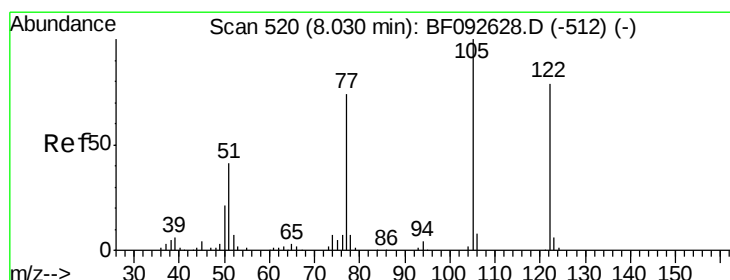
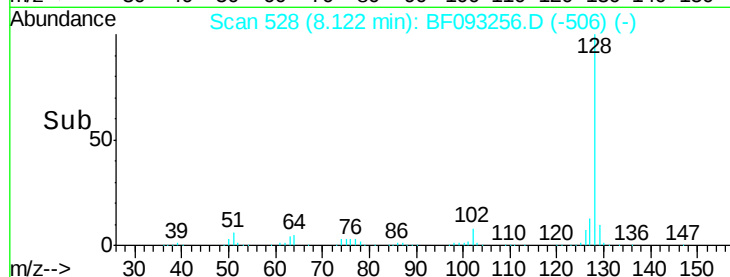
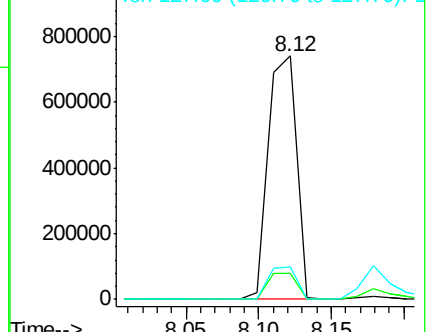
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 66.47 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.16 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

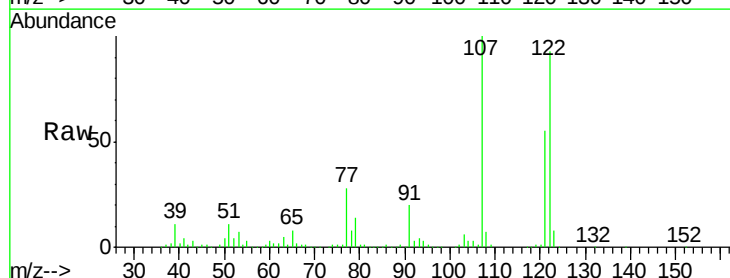
Tgt Ion:122 Resp: 326668

Ion Ratio Lower Upper

122 100

105 3.5 107.2 147.2#

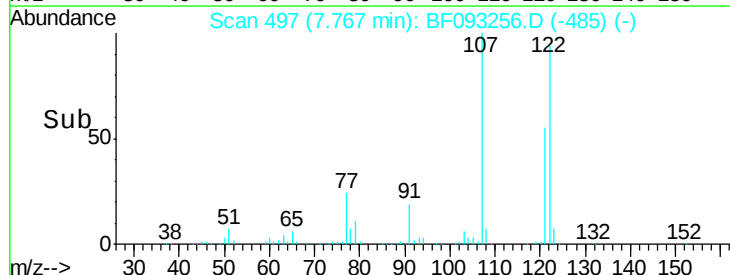
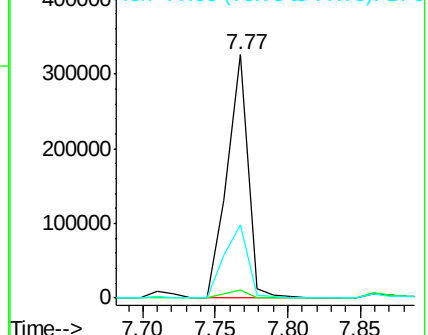
77 30.1 74.5 114.5#

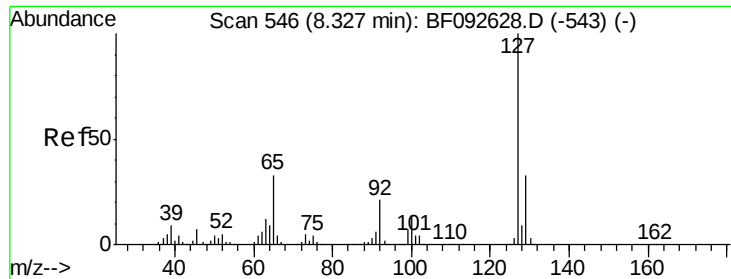


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

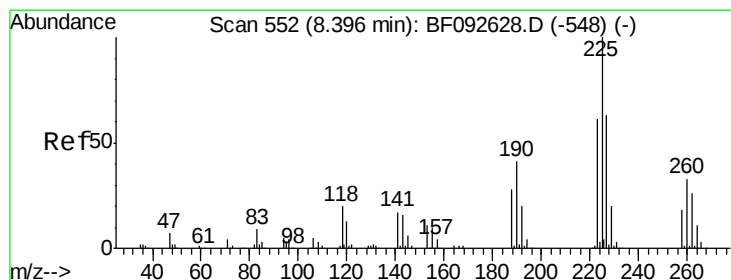
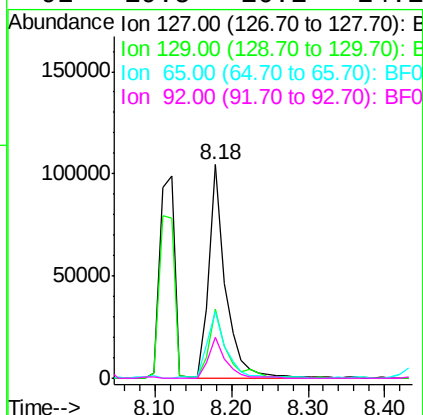
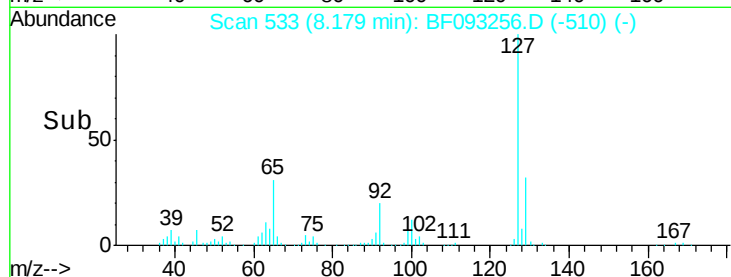
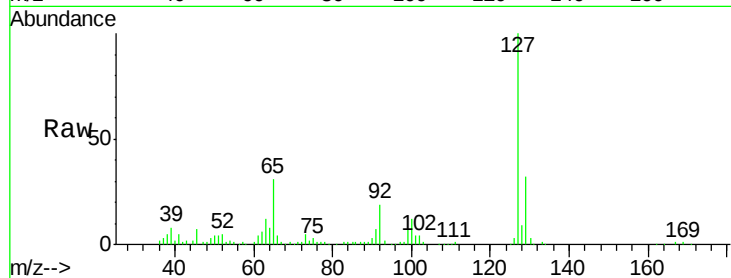




#33
4-Chloroaniline
Concen: 14.80 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

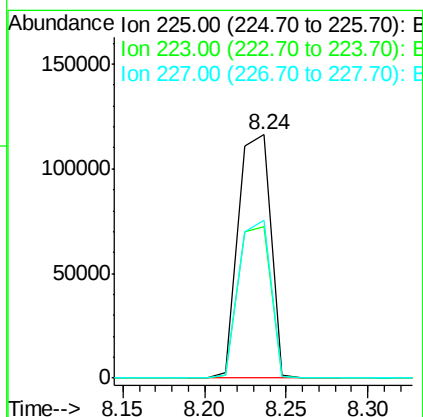
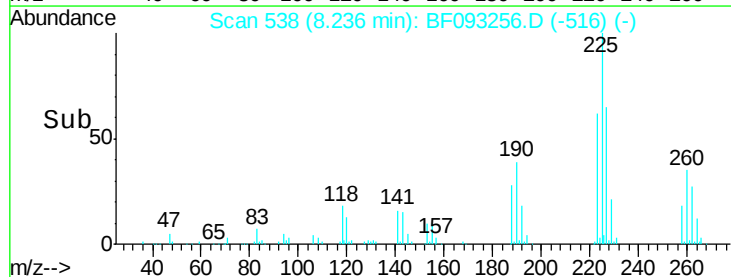
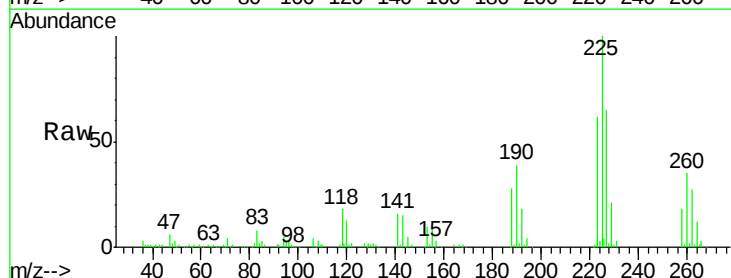
Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

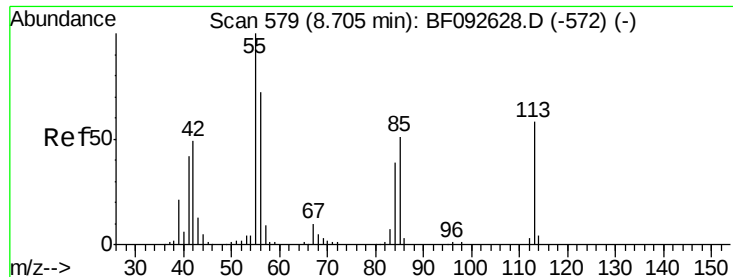
Tgt Ion:	127	Resp:	158075
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	31.0	25.8	38.8
92	19.5	16.1	24.1



#34
Hexachlorobutadiene
Concen: 34.70 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion:	225	Resp:	158685
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.0	76.6
227	65.0	50.6	76.0

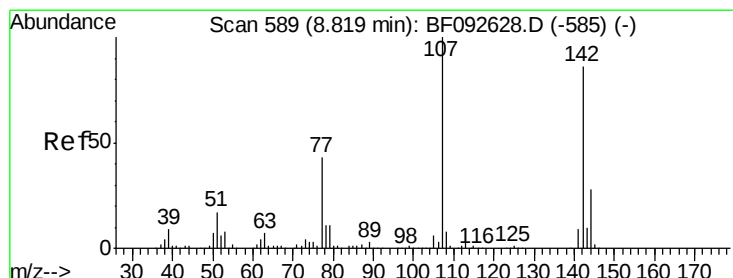
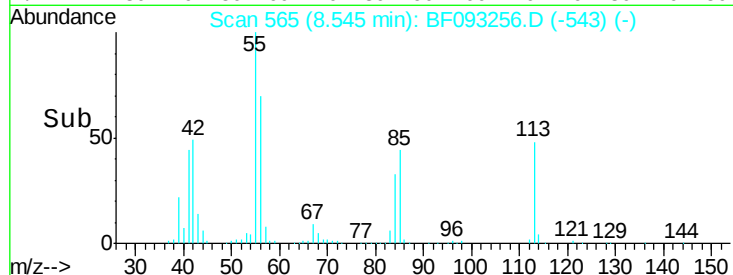
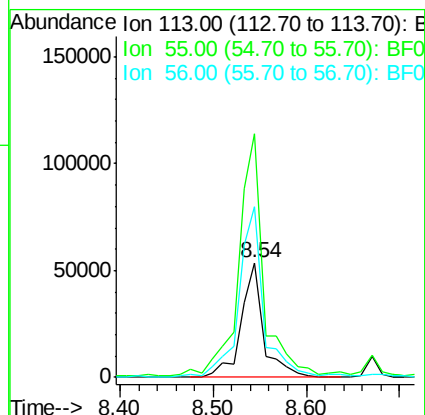
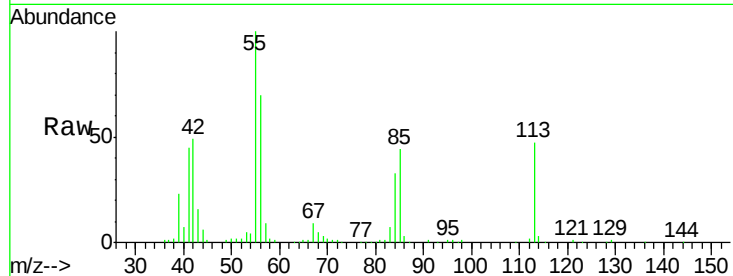




#35
 Caprolactam
 Concen: 36.88 ng
 RT: 8.54 min Scan# 565
 Delta R.T. -0.05 min
 Lab File: BF093256.D
 Acq: 28 Feb 2017 18:47

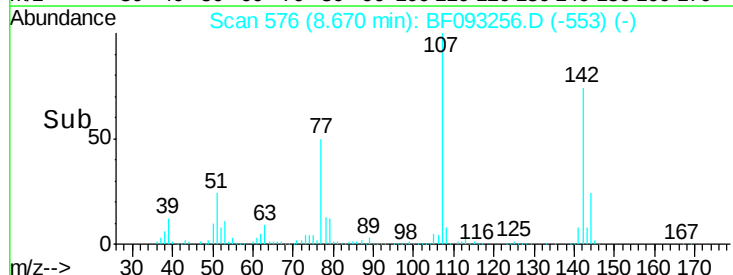
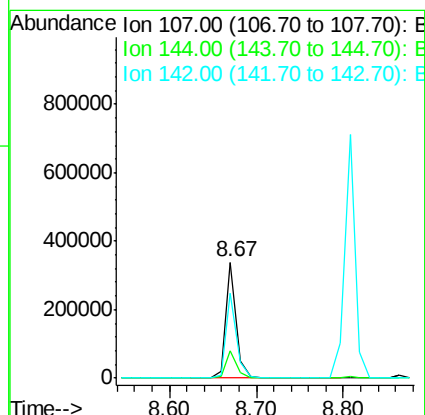
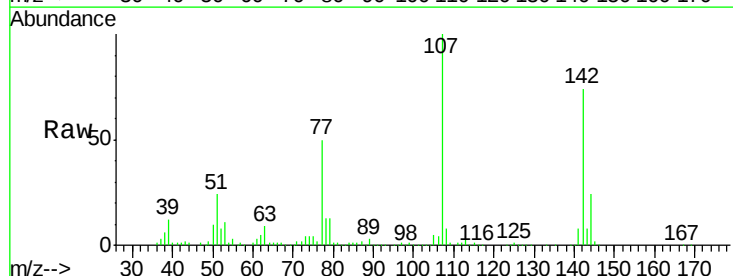
Instrument :
 BNA_F
 ClientSampleId :
 TK3-6-20170227MSD

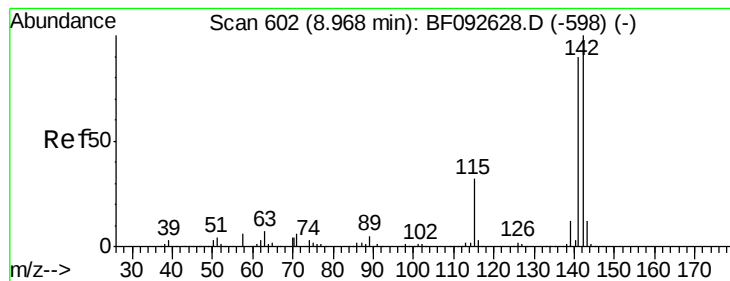
Tgt Ion:113 Resp: 89496
 Ion Ratio Lower Upper
 113 100
 55 211.9 119.2 159.2#
 56 148.7 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 35.75 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.03 min
 Lab File: BF093256.D
 Acq: 28 Feb 2017 18:47

Tgt Ion:107 Resp: 287496
 Ion Ratio Lower Upper
 107 100
 144 23.6 19.3 28.9
 142 73.8 59.0 88.6





#37

2-Methylnaphthalene

Concen: 34.99 ng

RT: 8.81 min Scan# 588

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

TK3-6-20170227MSD

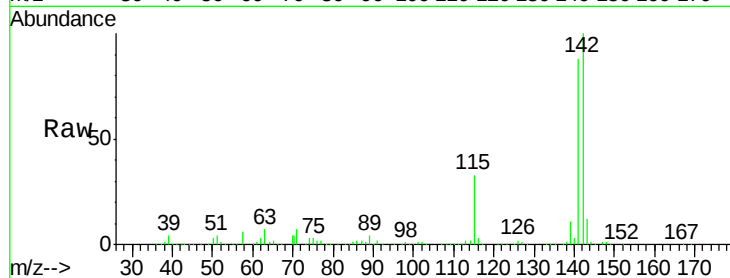
Tgt Ion:142 Resp: 611832

Ion Ratio Lower Upper

142 100

141 88.4 71.0 106.6

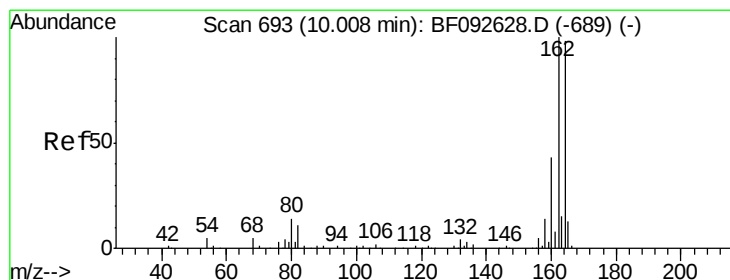
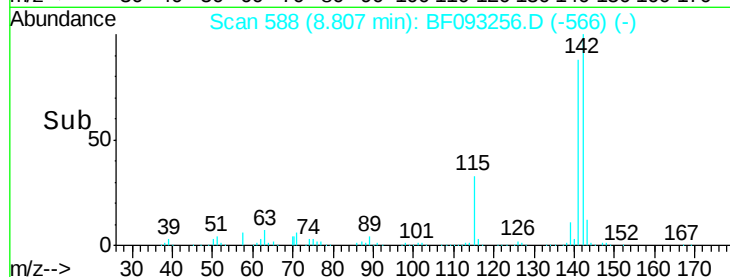
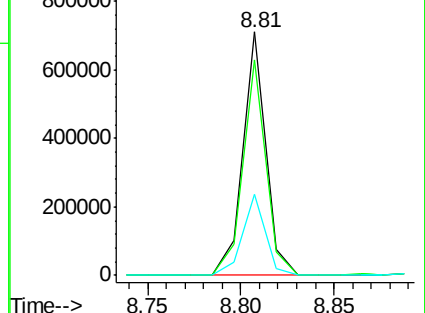
115 33.1 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

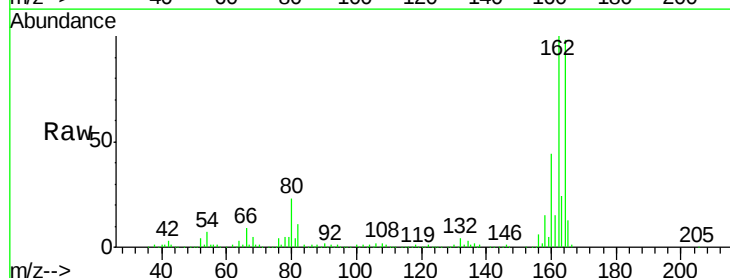
Tgt Ion:164 Resp: 221856

Ion Ratio Lower Upper

164 100

162 101.9 80.2 120.2

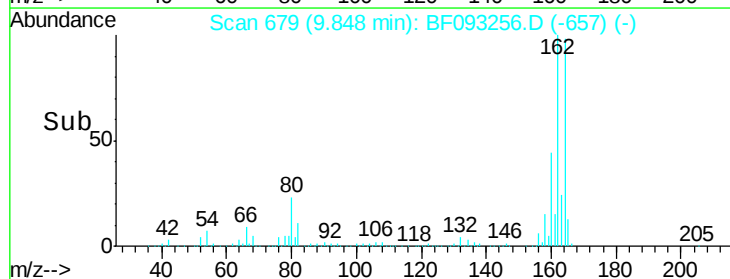
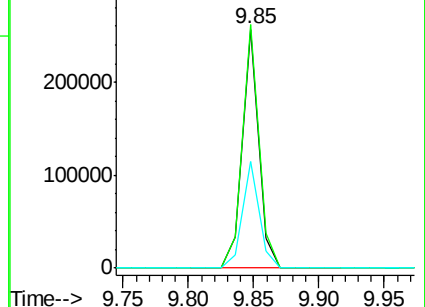
160 44.6 36.9 55.3

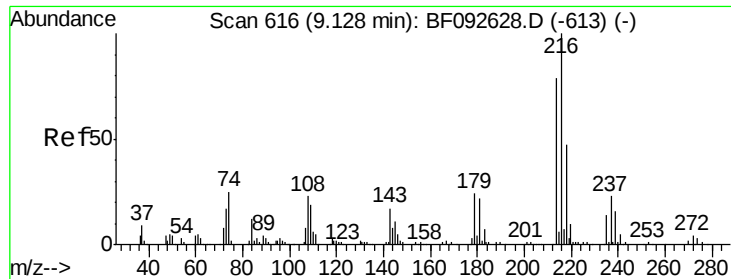


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.44 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

TK3-6-20170227MSD

Tgt Ion:216 Resp: 276745

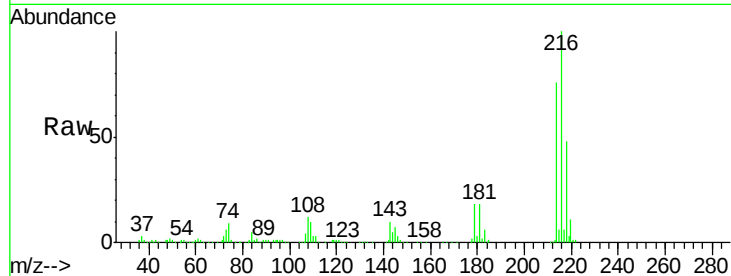
Ion Ratio Lower Upper

216 100

214 77.5 63.4 95.0

179 20.6 17.4 26.2

108 17.0 15.6 23.4

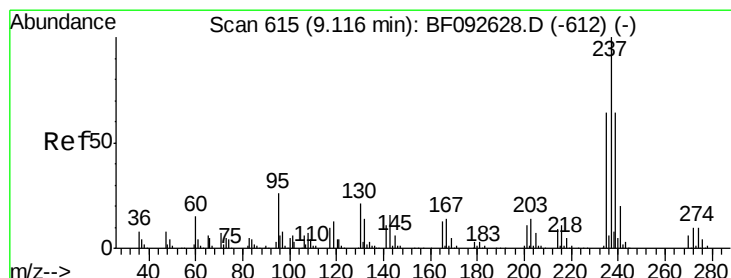
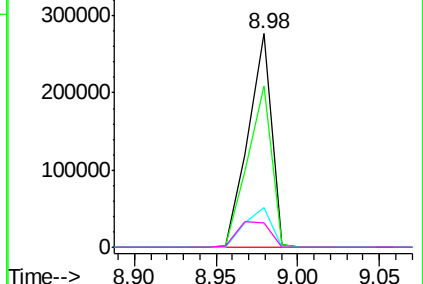
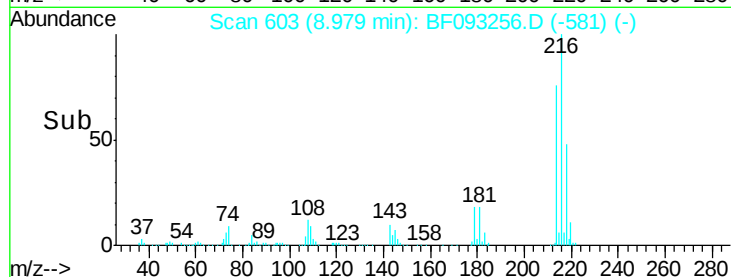


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 4.75 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

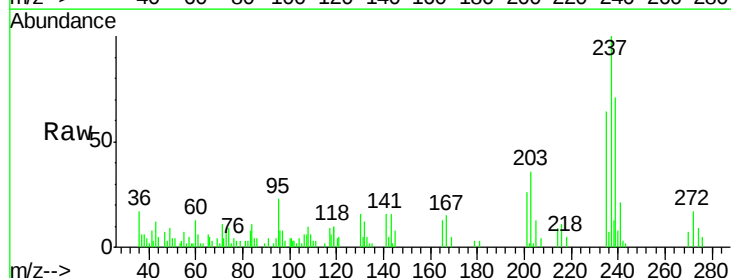
Tgt Ion:237 Resp: 13345

Ion Ratio Lower Upper

237 100

235 64.0 41.2 81.2

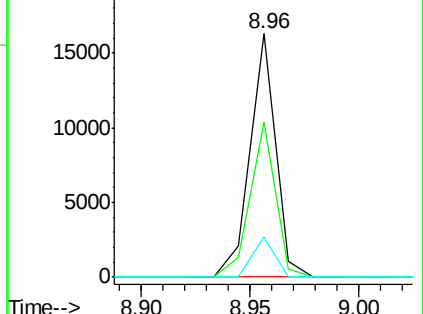
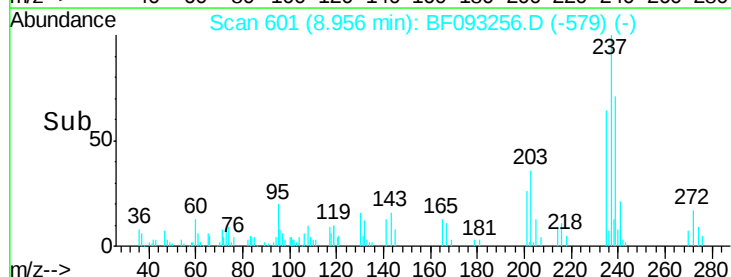
272 16.7 0.0 35.4

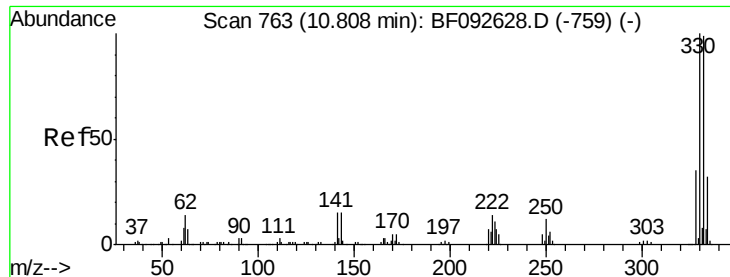


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

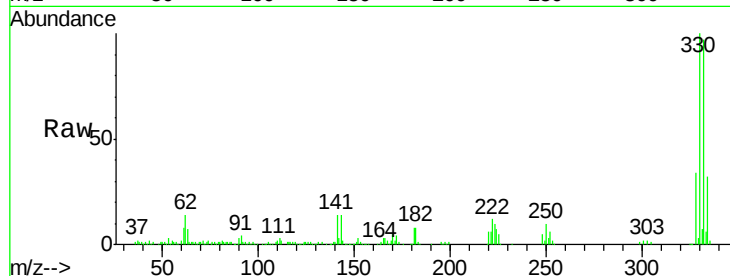




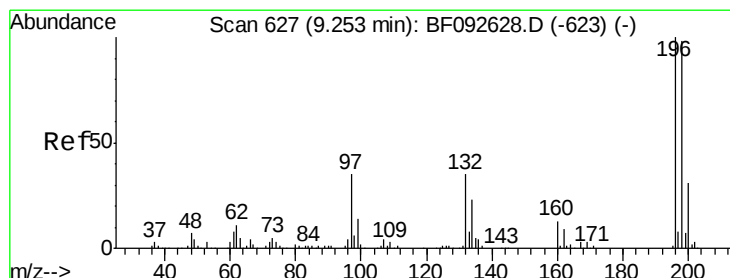
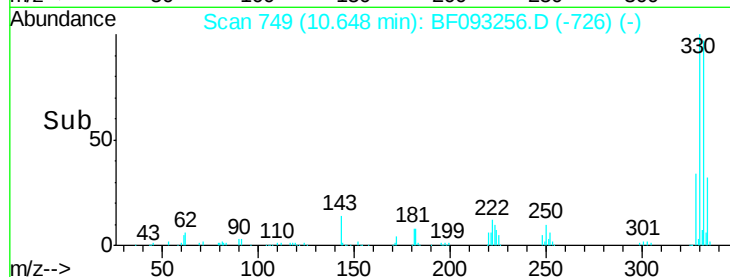
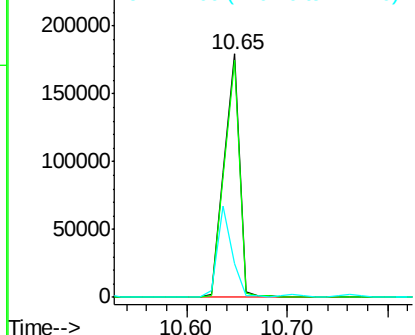
#41
 2,4,6-Tribromophenol
 Concen: 120.67 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF093256.D
 Acq: 28 Feb 2017 18:47

Instrument :
 BNA_F
 ClientSampleId :
 TK3-6-20170227MSD

Tgt Ion:330 Resp: 193634
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 35.7 34.1 51.1

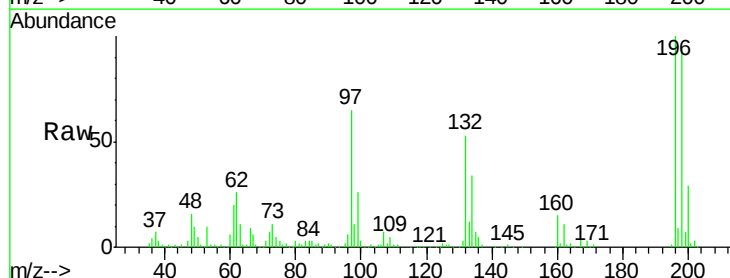


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

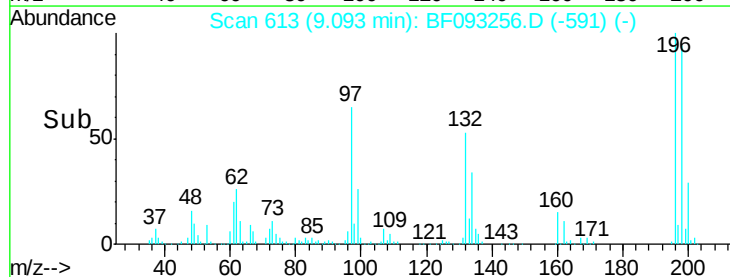
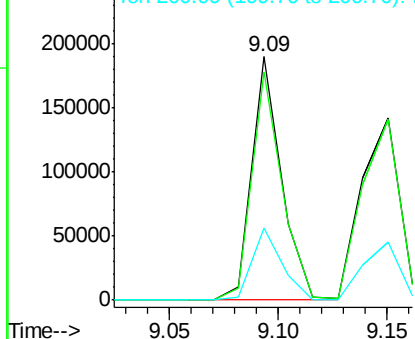


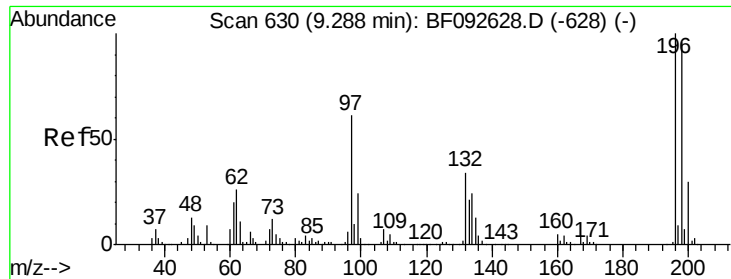
#42
 2,4,6-Trichlorophenol
 Concen: 44.11 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF093256.D
 Acq: 28 Feb 2017 18:47

Tgt Ion:196 Resp: 180494
 Ion Ratio Lower Upper
 196 100
 198 93.8 82.1 123.1
 200 29.4 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

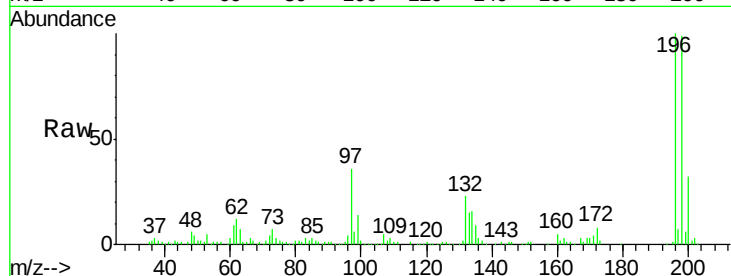




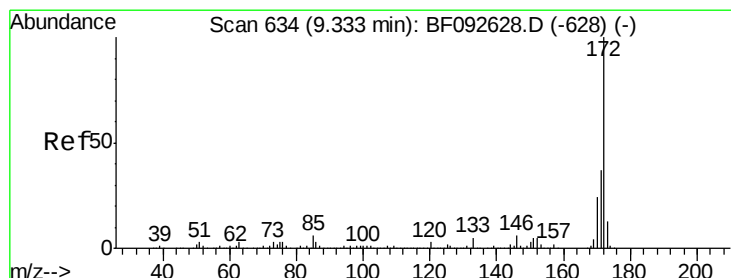
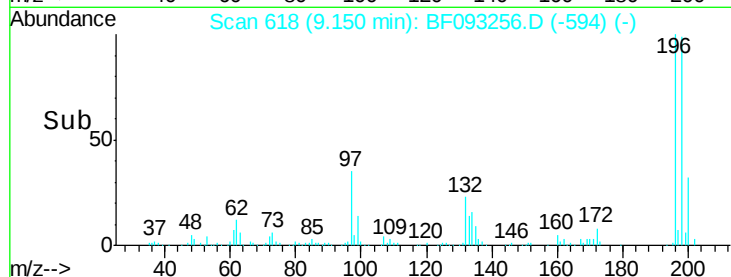
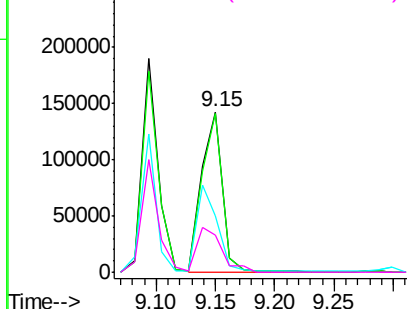
#43
 2,4,5-Trichlorophenol
 Concen: 39.23 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF093256.D
 Acq: 28 Feb 2017 18:47

Instrument :
 BNA_F
 ClientSampleId :
 TK3-6-20170227MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.7	79.4	119.2
97	35.5	51.5	77.3#
132	23.4	27.4	41.2#

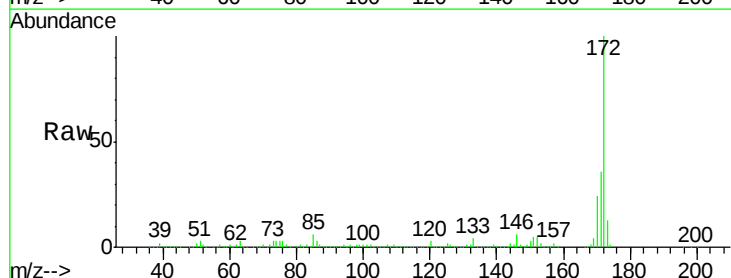


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

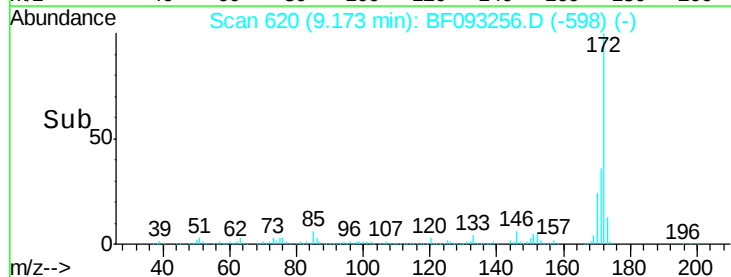
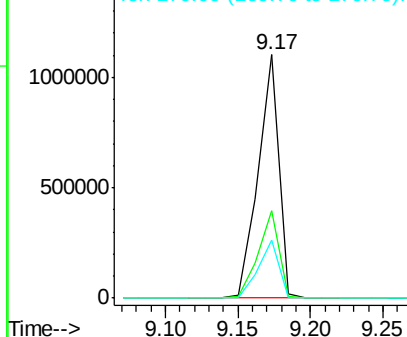


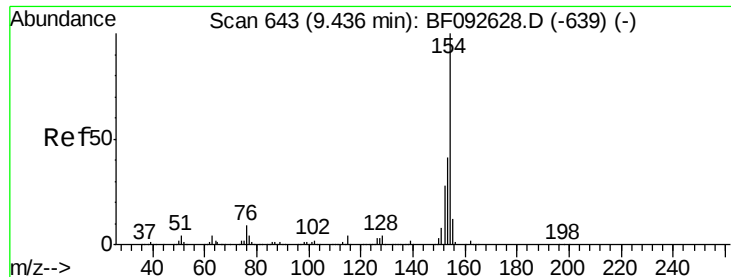
#44
 2-Fluorobiphenyl
 Concen: 88.58 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093256.D
 Acq: 28 Feb 2017 18:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	23.7	20.2	30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

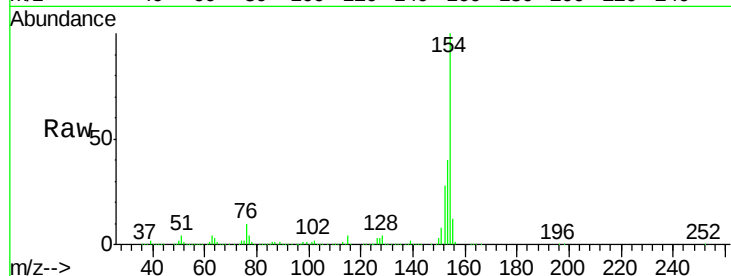




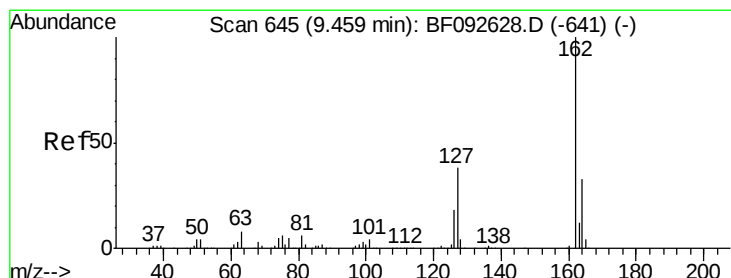
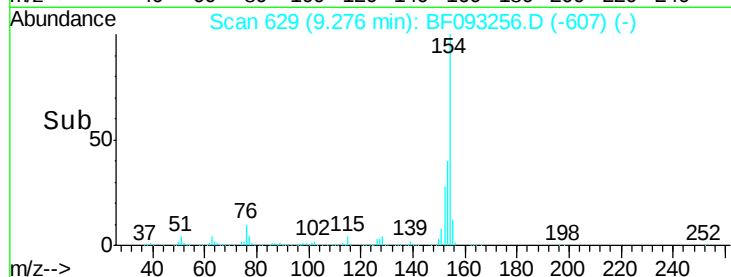
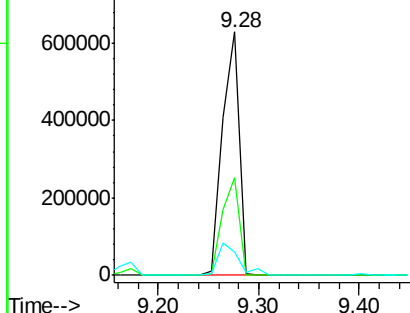
#45
 1,1'-Biphenyl
 Concen: 45.15 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.05 min
 Lab File: BF093256.D
 Acq: 28 Feb 2017 18:47

Instrument :
 BNA_F
 ClientSampleId :
 TK3-6-20170227MSD

Tgt Ion:154 Resp: 725345
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.9 60.9
 76 9.7 0.0 30.5

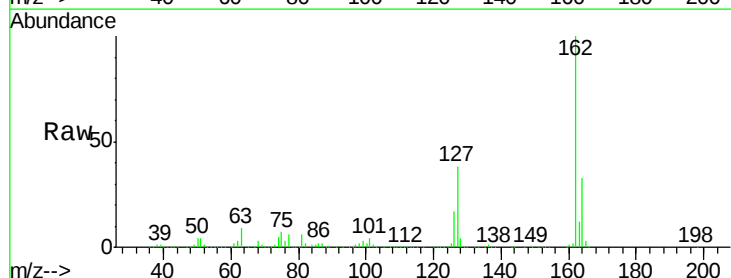


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

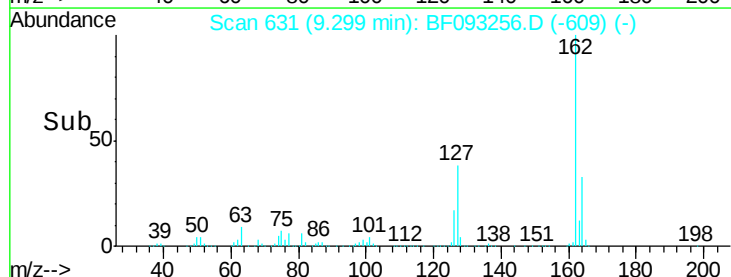
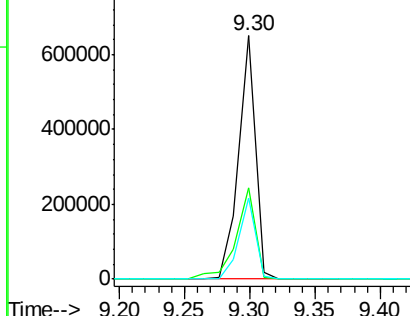


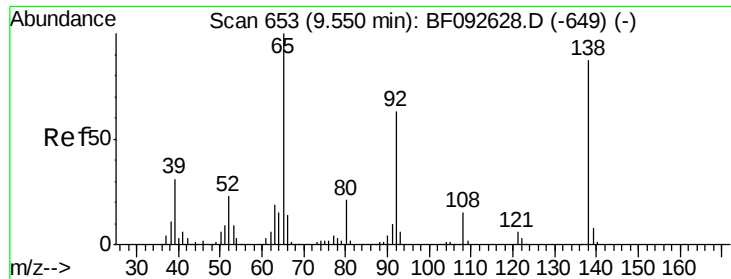
#46
 2-Chloronaphthalene
 Concen: 46.08 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.05 min
 Lab File: BF093256.D
 Acq: 28 Feb 2017 18:47

Tgt Ion:162 Resp: 579142
 Ion Ratio Lower Upper
 162 100
 127 37.5 30.7 46.1
 164 33.5 27.6 41.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

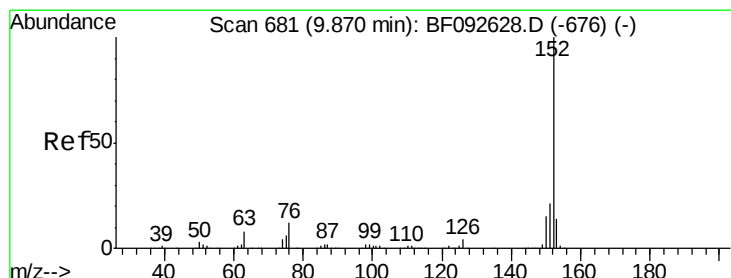
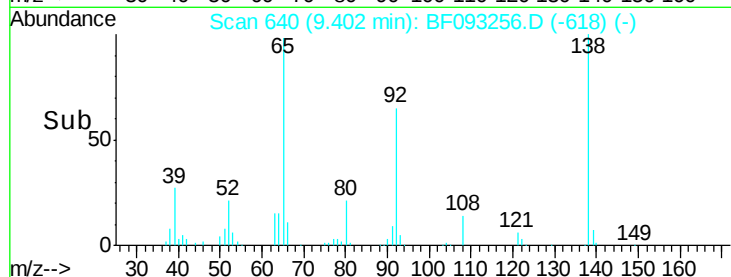
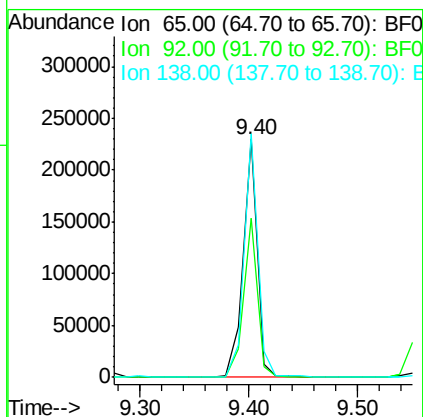
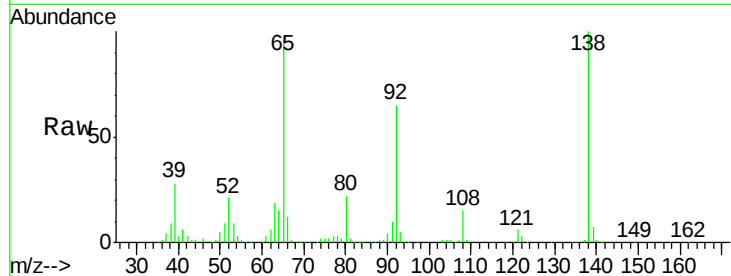




#47
2-Nitroaniline
Concen: 48.67 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

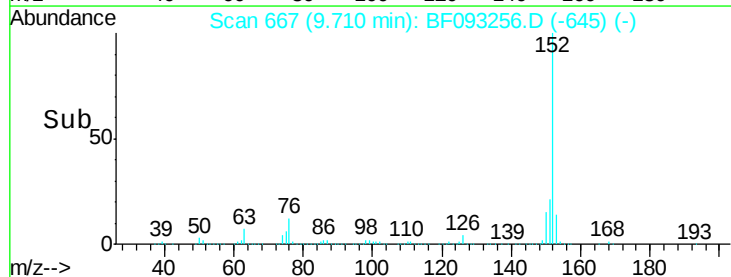
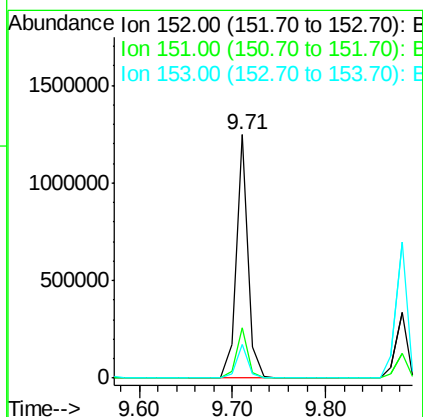
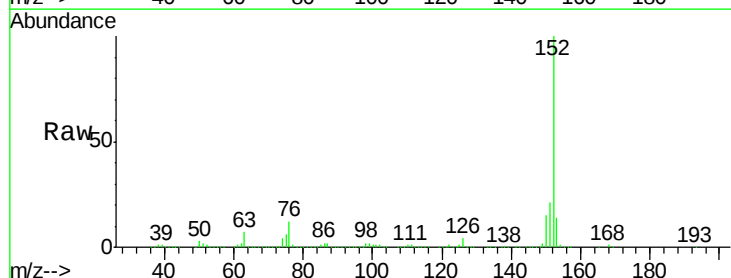
Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

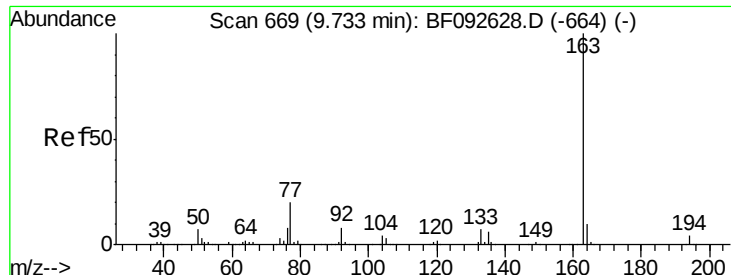
Tgt Ion: 65 Resp: 205649
Ion Ratio Lower Upper
65 100
92 66.6 53.9 80.9
138 102.1 76.8 115.2



#48
Acenaphthylene
Concen: 50.39 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion: 152 Resp: 1094044
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 13.7 11.4 17.2





#49

Dimethylphthalate

Concen: 48.91 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

TK3-6-20170227MSD

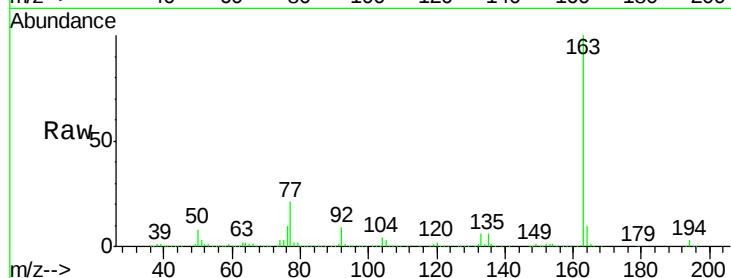
Tgt Ion:163 Resp: 730914

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

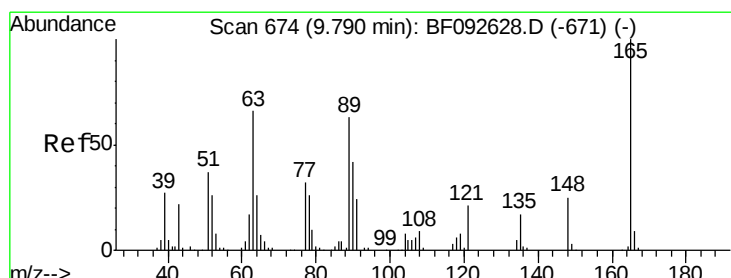
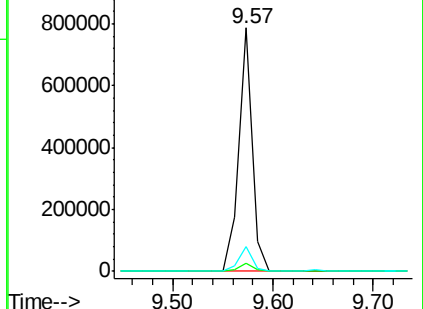
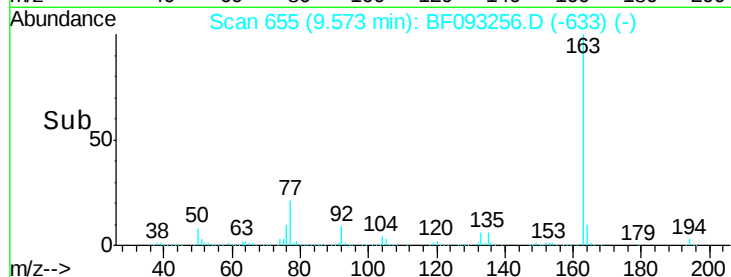
164 10.2 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.84 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

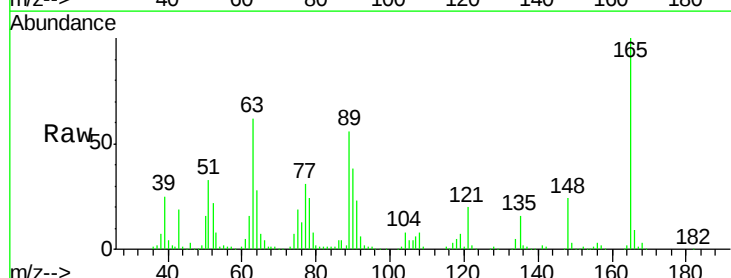
Tgt Ion:165 Resp: 128563

Ion Ratio Lower Upper

165 100

63 61.6 36.2 54.4#

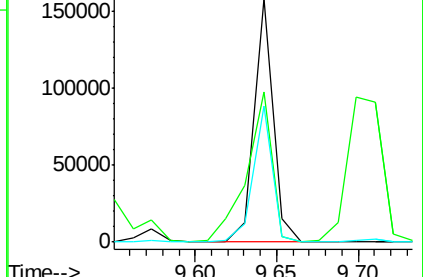
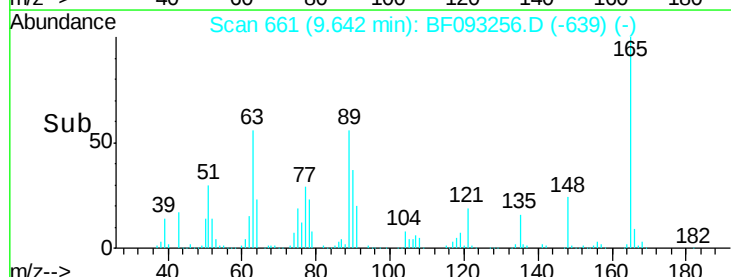
89 56.0 40.2 60.4

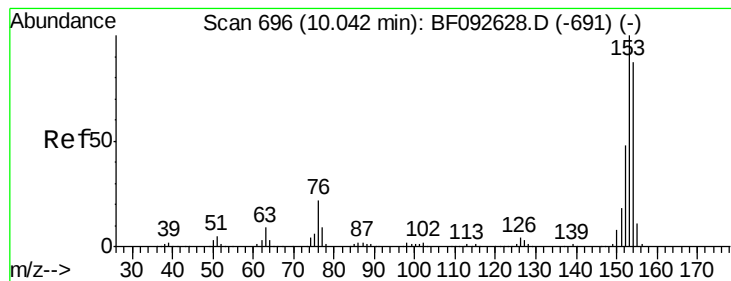


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.48 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

TK3-6-20170227MSD

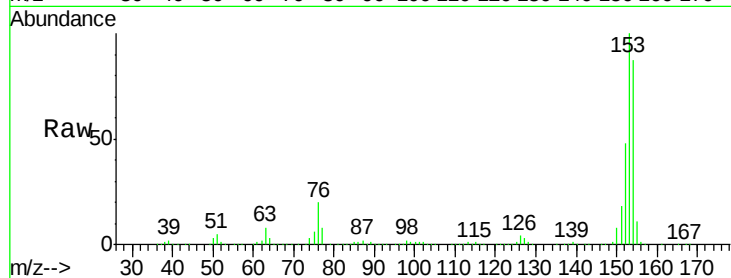
Tgt Ion:154 Resp: 512384

Ion Ratio Lower Upper

154 100

153 114.9 88.6 133.0

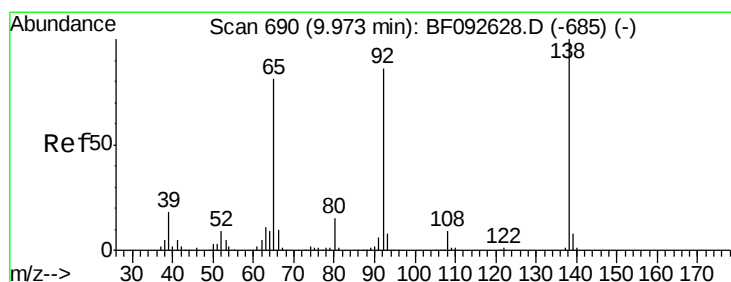
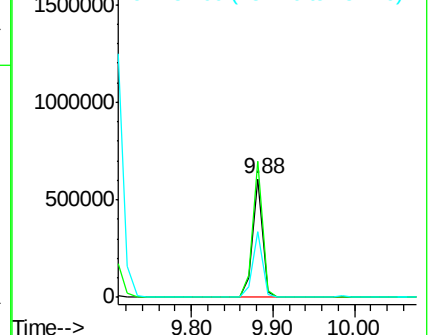
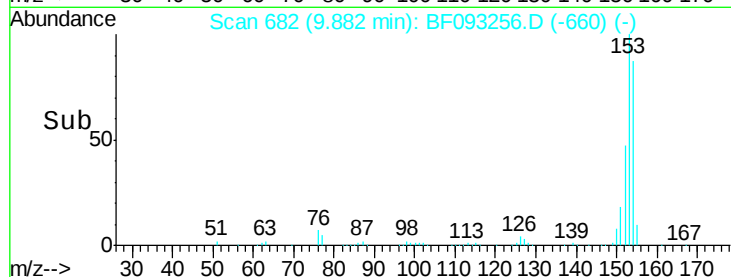
152 54.9 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.72 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

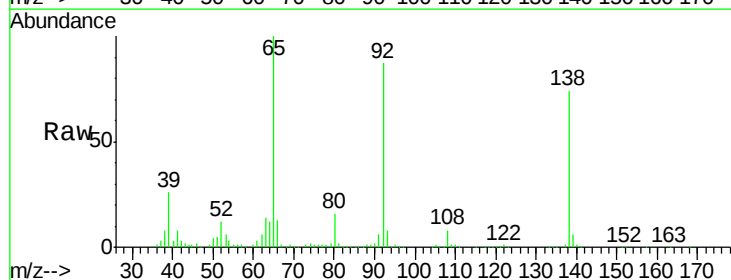
Tgt Ion:138 Resp: 135624

Ion Ratio Lower Upper

138 100

108 10.9 8.5 12.7

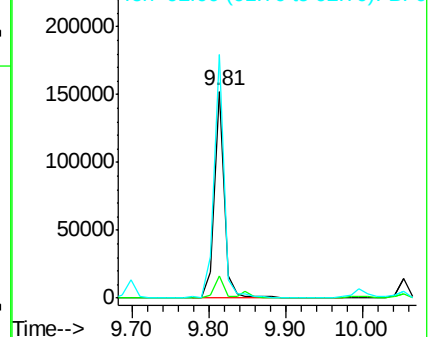
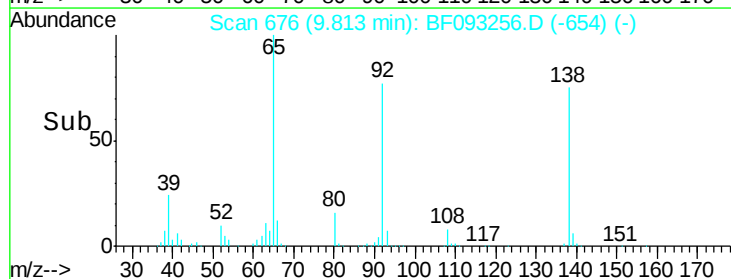
92 117.9 97.8 146.8

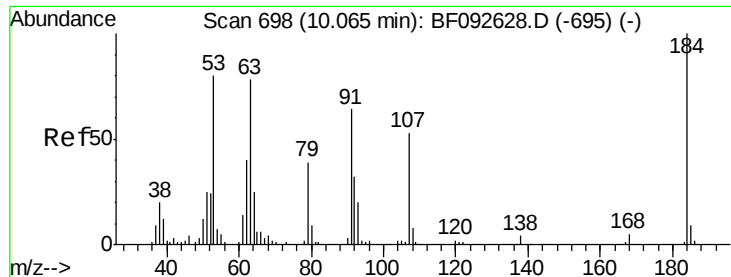


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

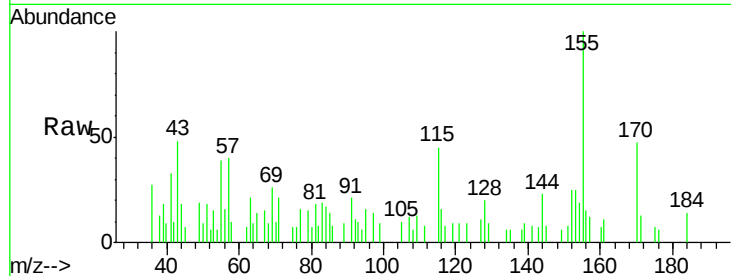




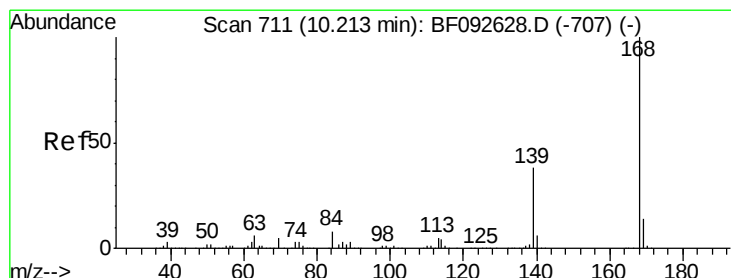
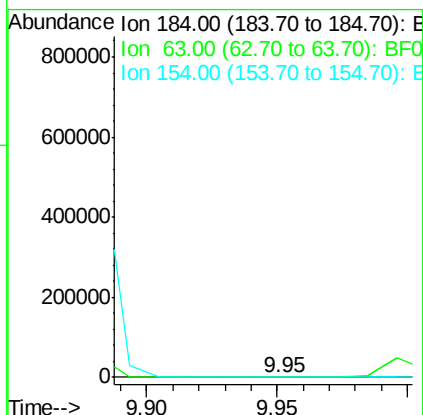
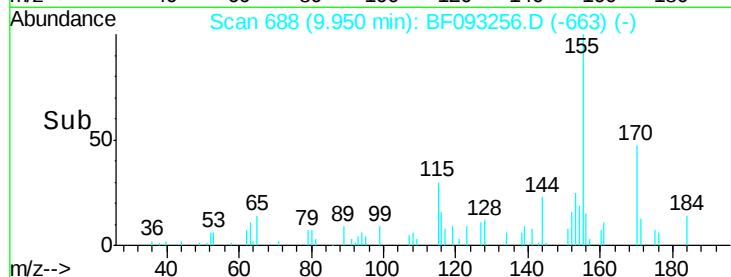
#53
2,4-Dinitrophenol
Concen: 5.26 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

Tgt Ion:184 Resp: 913
Ion Ratio Lower Upper
184 100
63 156.2 28.4 42.6#
154 140.5 44.3 66.5#

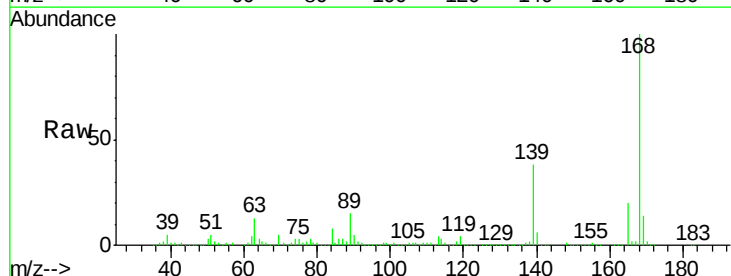


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

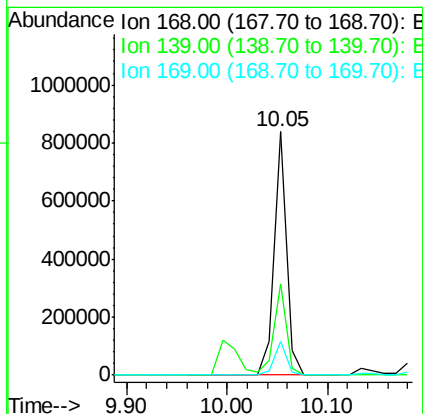
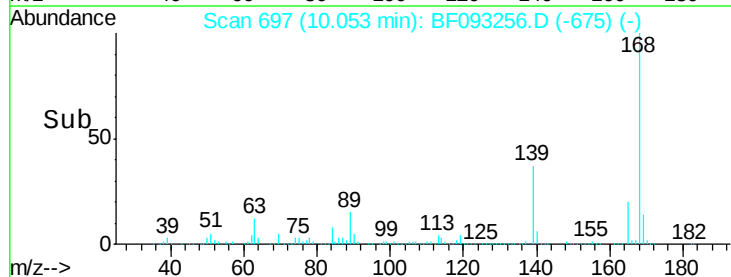


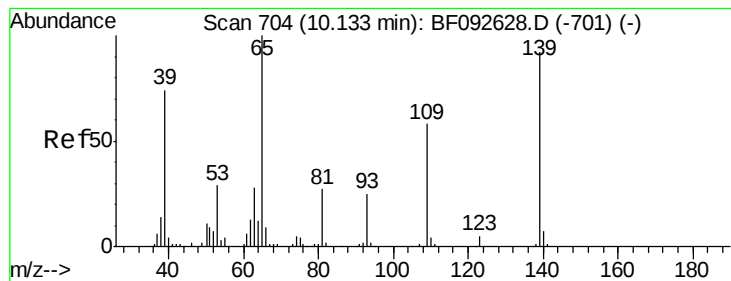
#54
Dibenzofuran
Concen: 41.50 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion:168 Resp: 720512
Ion Ratio Lower Upper
168 100
139 37.5 32.6 49.0
169 13.8 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 62.02 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.02 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

TK3-6-20170227MSD

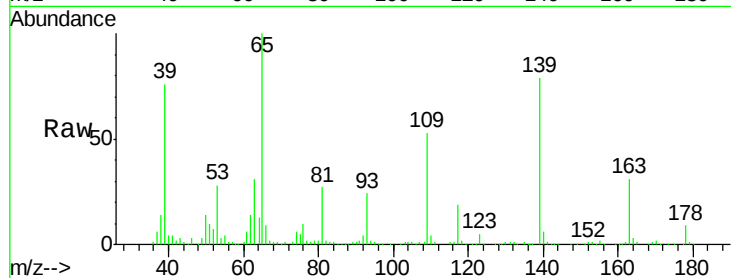
Tgt Ion:139 Resp: 164985

Ion Ratio Lower Upper

139 100

109 67.2 52.2 92.2

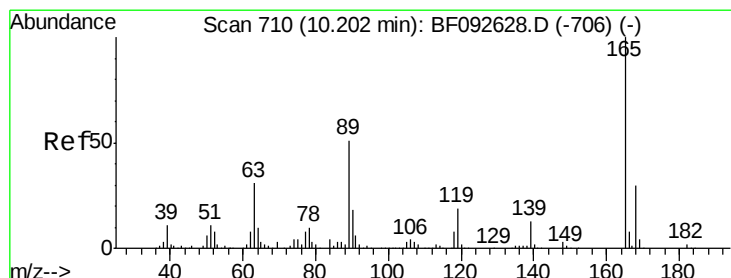
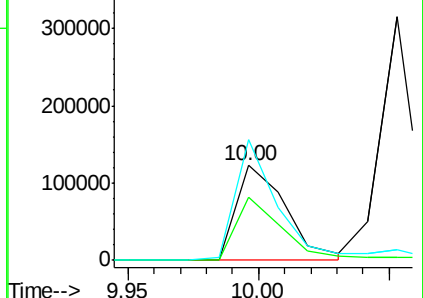
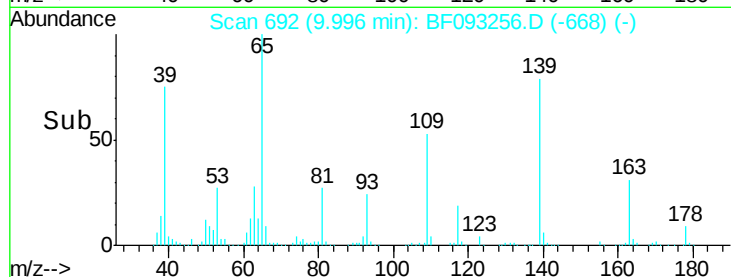
65 126.7 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 34.40 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.03 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Tgt Ion:165 Resp: 147805

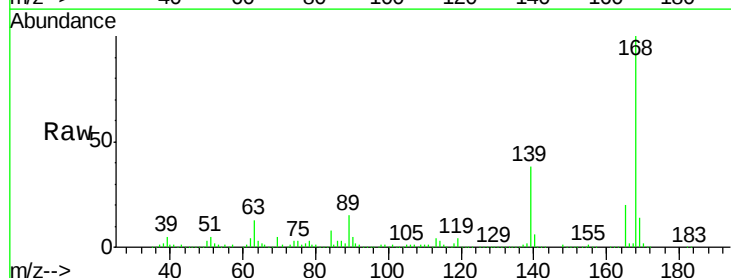
Ion Ratio Lower Upper

165 100

63 62.6 40.2 60.4#

89 73.7 62.5 93.7

182 2.3 1.8 2.8

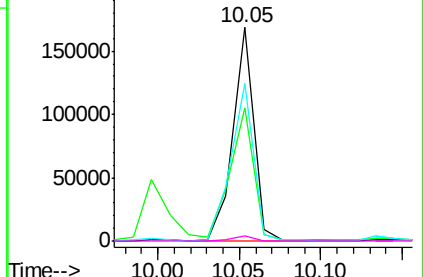
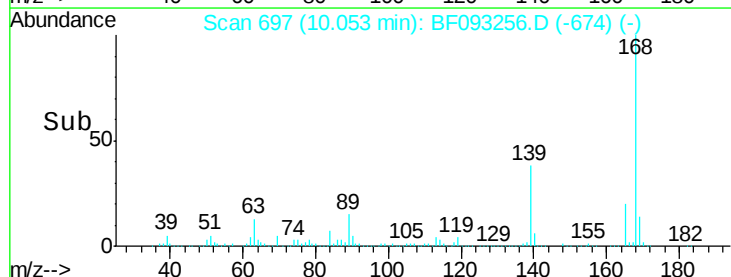


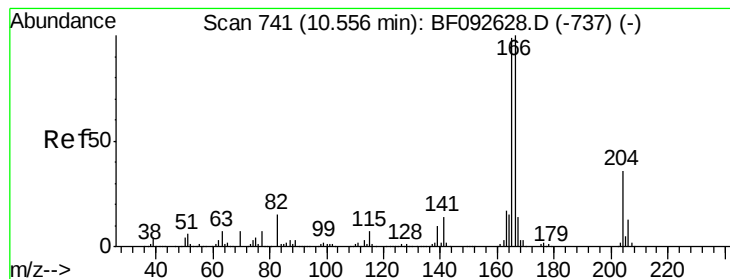
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.89 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

TK3-6-20170227MSD

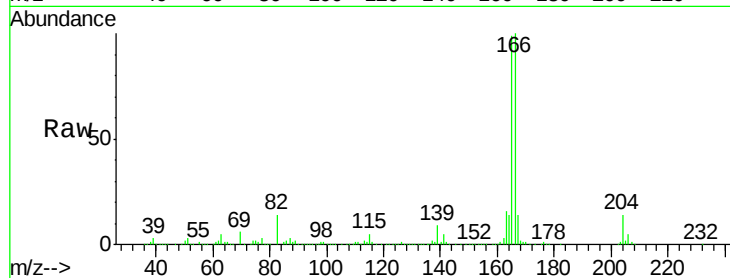
Tgt Ion:166 Resp: 559510

Ion Ratio Lower Upper

166 100

165 99.1 77.8 116.8

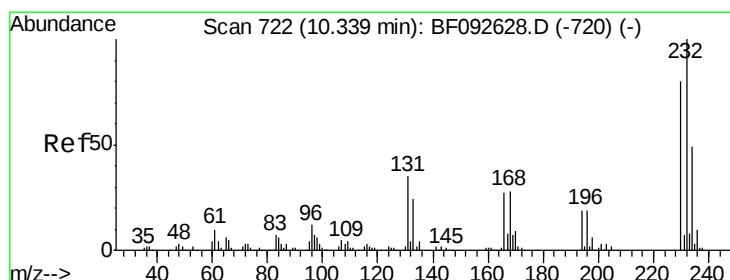
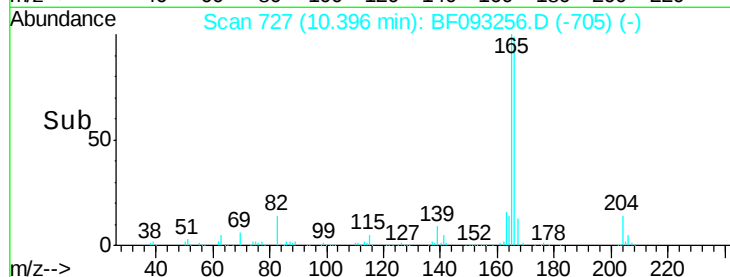
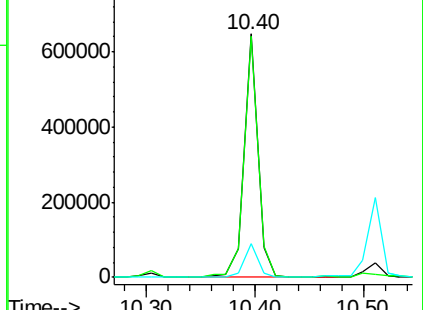
167 13.6 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.90 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Tgt Ion:232 Resp: 125316

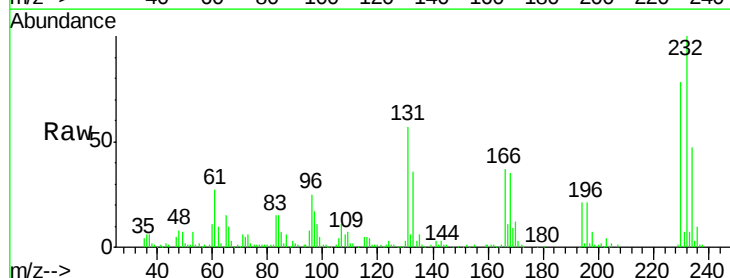
Ion Ratio Lower Upper

232 100

131 47.9 40.1 60.1

130 2.7 1.8 2.8

166 32.6 26.6 39.8

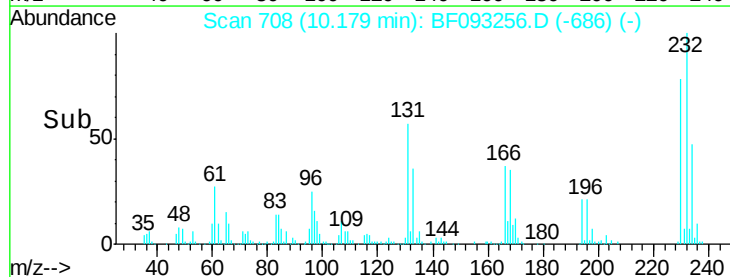
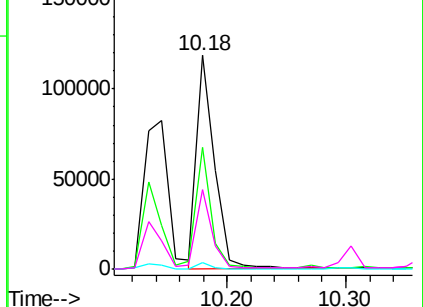


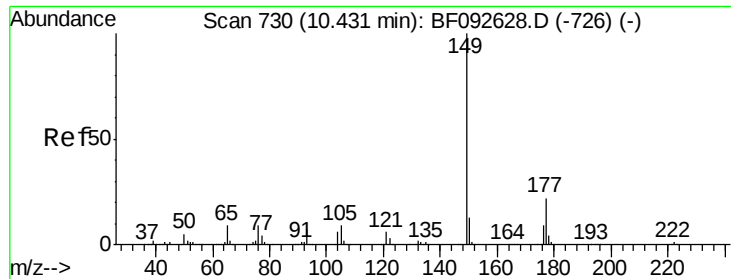
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

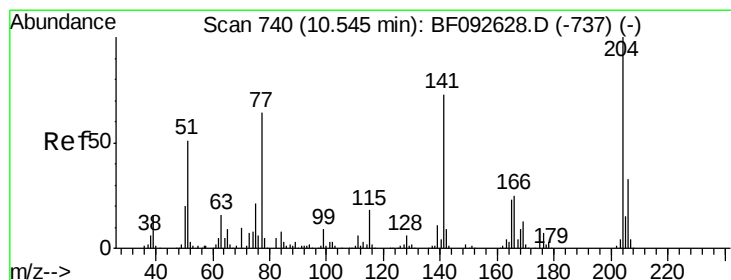
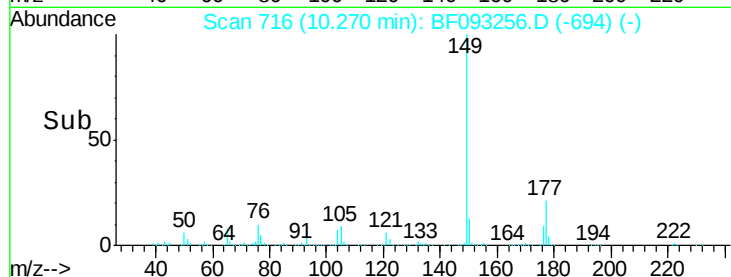
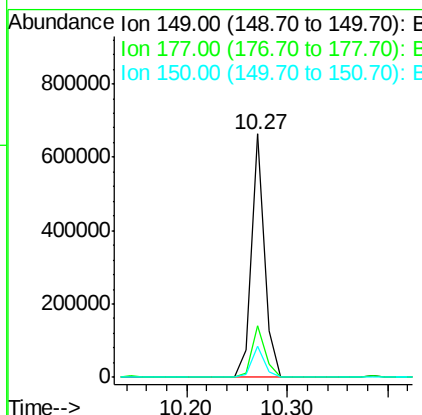
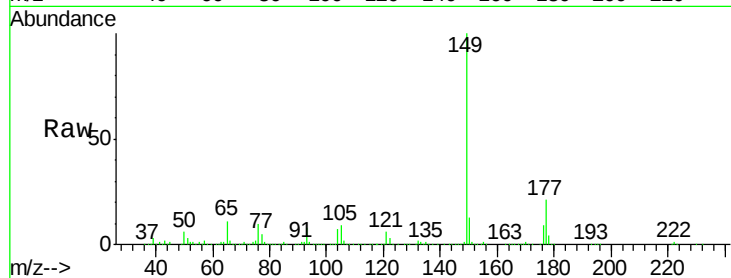




#59
Diethylphthalate
Concen: 42.30 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

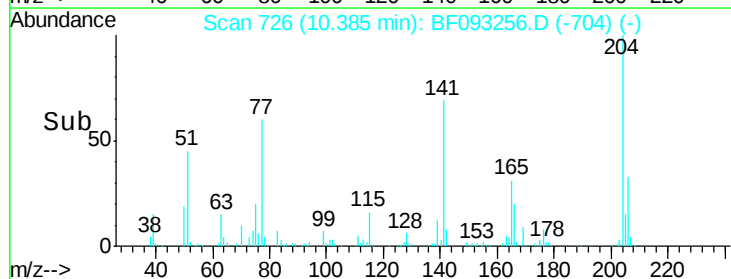
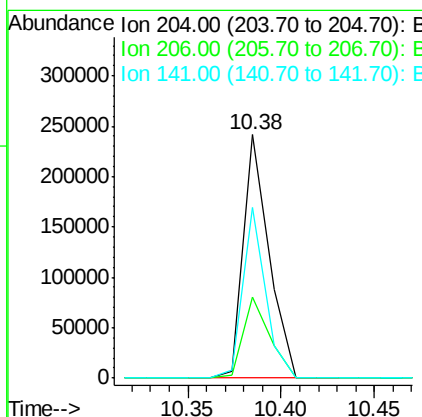
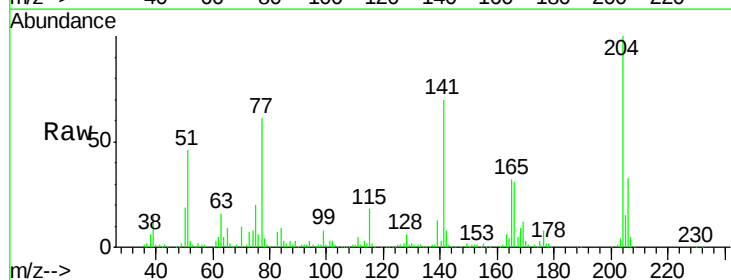
Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

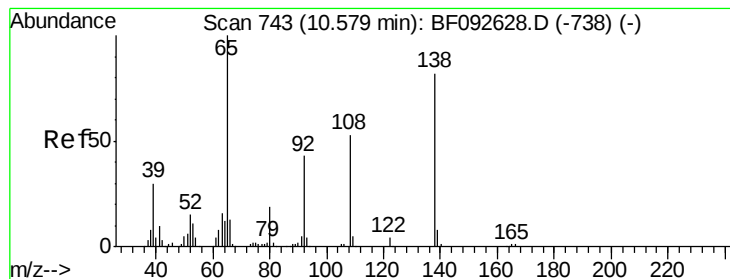
Tgt Ion:149 Resp: 595764
Ion Ratio Lower Upper
149 100
177 21.2 16.6 25.0
150 12.8 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 36.03 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion:204 Resp: 231200
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.6
141 70.1 59.4 89.0





#61

4-Nitroaniline

Concen: 40.03 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.03 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

TK3-6-20170227MSD

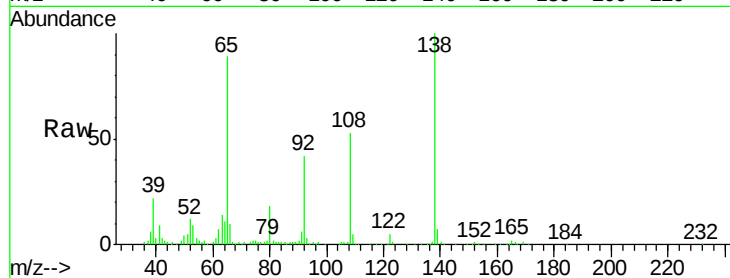
Tgt Ion:138 Resp: 151429

Ion Ratio Lower Upper

138 100

92 42.5 31.7 71.7

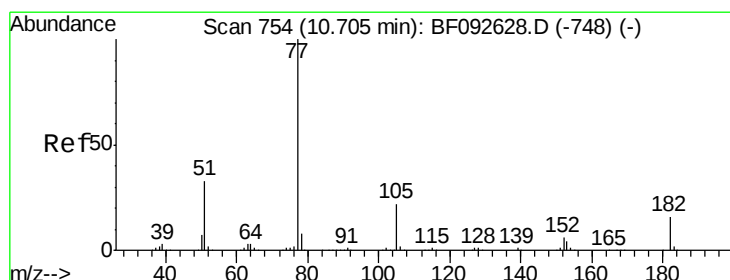
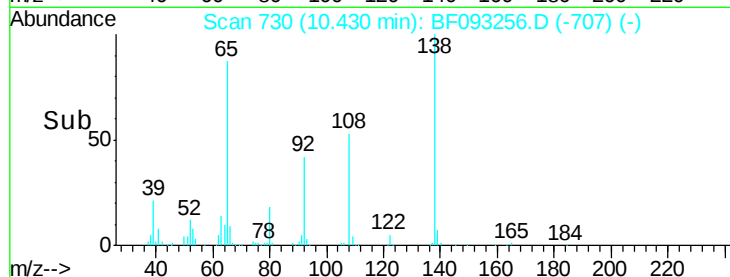
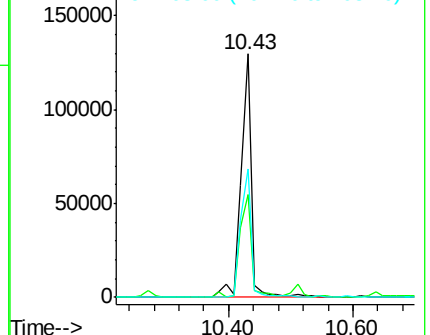
108 53.0 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.19 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Tgt Ion: 77 Resp: 613817

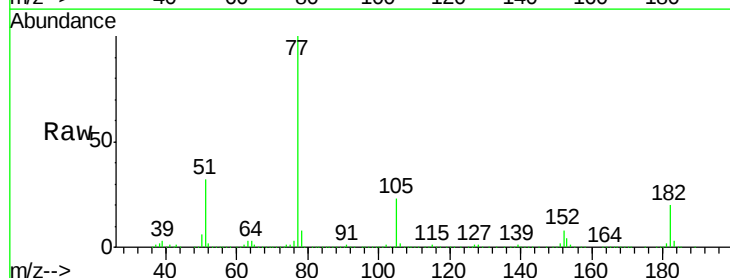
Ion Ratio Lower Upper

77 100

182 19.6 0.0 39.3

105 23.0 2.3 42.3

51 31.6 8.9 48.9

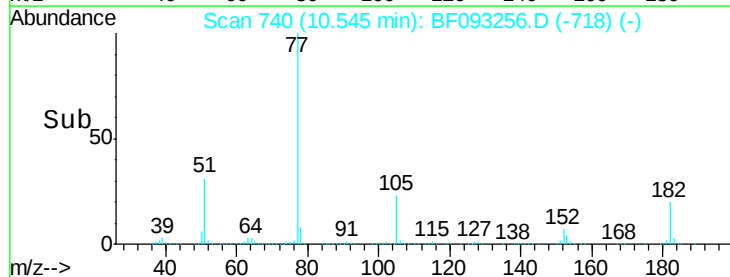
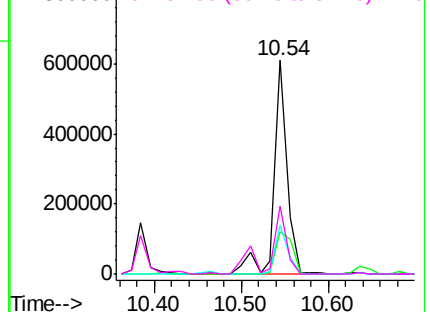


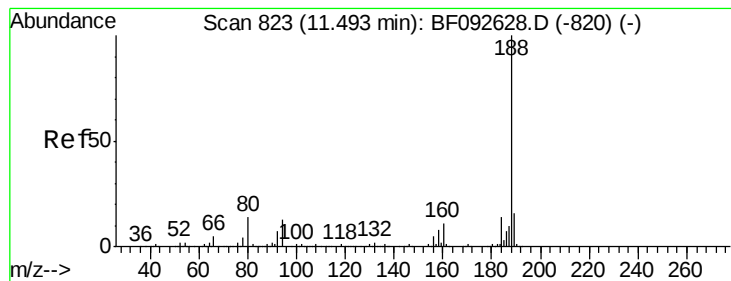
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

TK3-6-20170227MSD

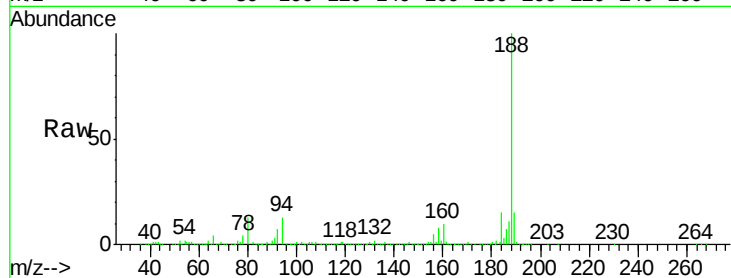
Tgt Ion:188 Resp: 353310

Ion Ratio Lower Upper

188 100

94 12.6 10.0 15.0

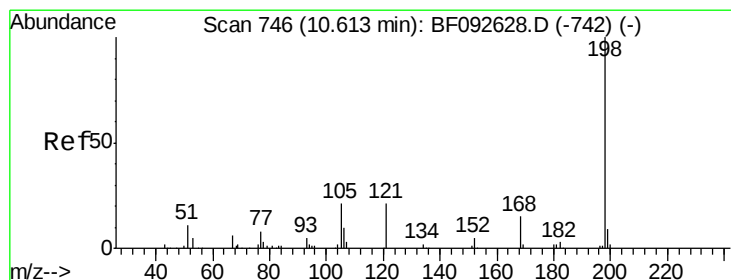
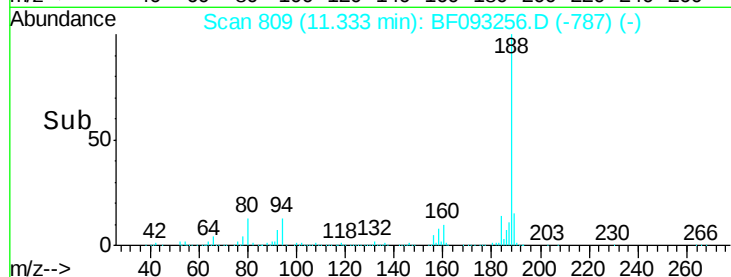
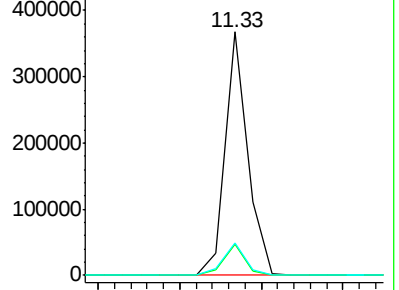
80 13.3 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 4.62 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

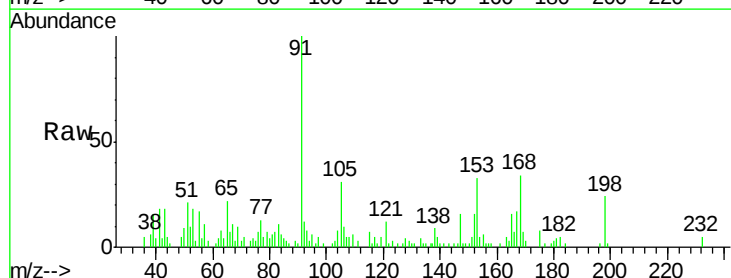
Tgt Ion:198 Resp: 4447

Ion Ratio Lower Upper

198 100

51 89.2 6.7 46.7#

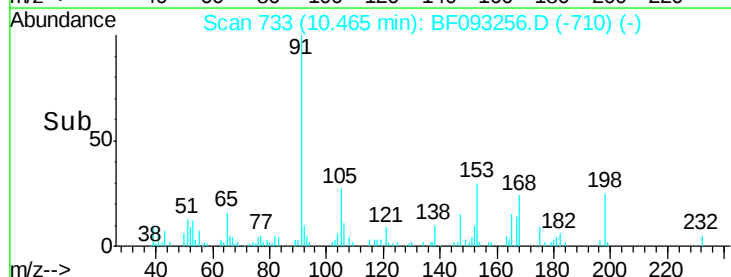
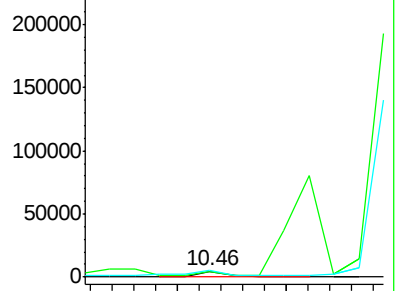
105 131.8 16.6 56.6#

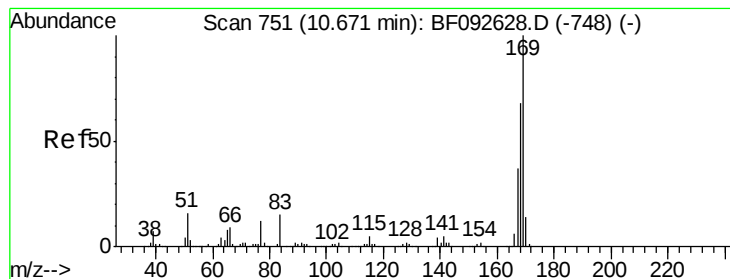


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.84 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

TK3-6-20170227MSD

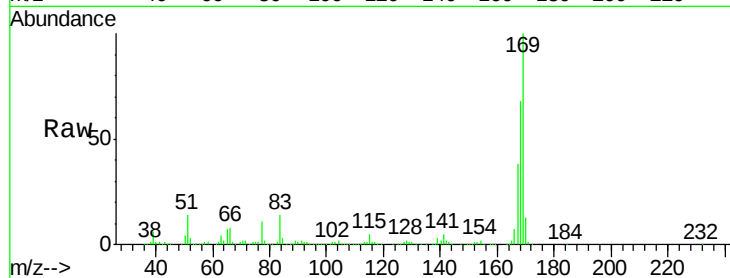
Tgt Ion:169 Resp: 494749

Ion Ratio Lower Upper

169 100

168 68.2 54.2 81.2

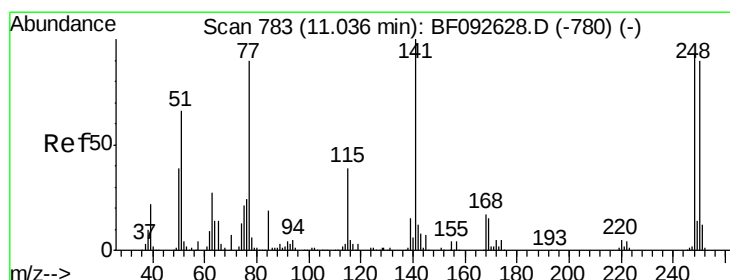
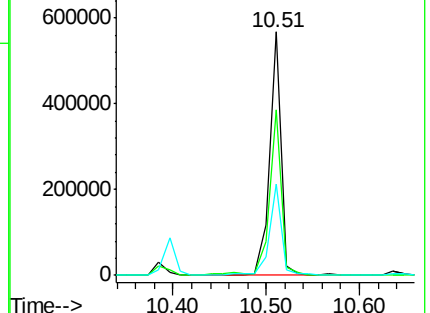
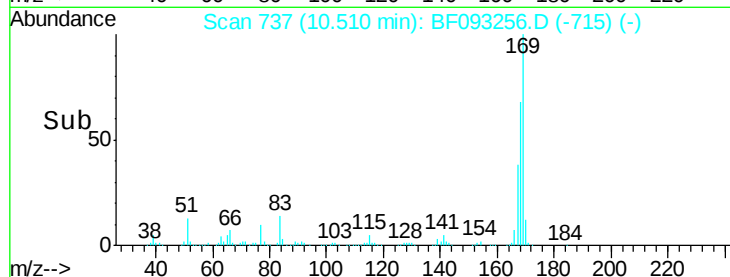
167 37.6 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.54 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

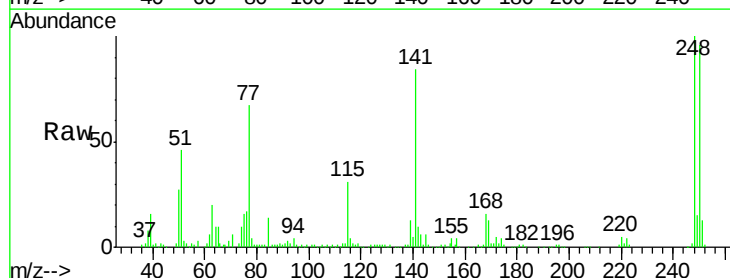
Tgt Ion:248 Resp: 138555

Ion Ratio Lower Upper

248 100

250 96.4 76.9 115.3

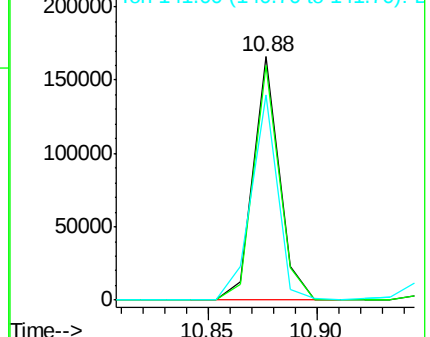
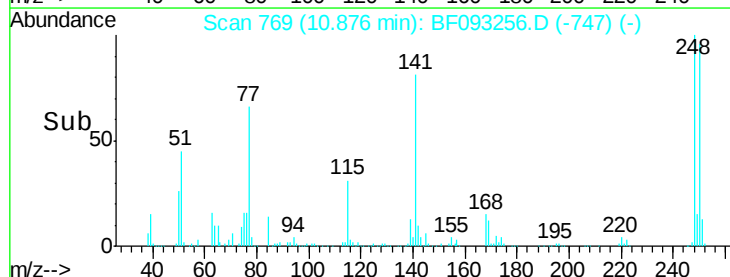
141 84.2 68.2 102.4

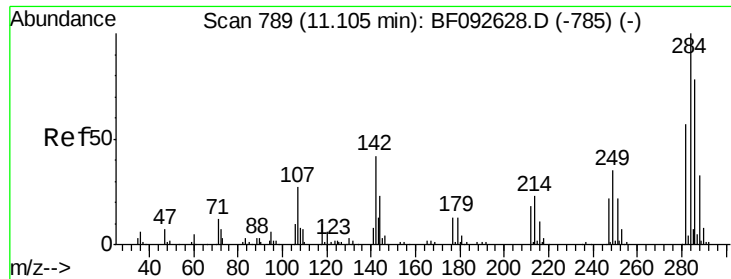


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

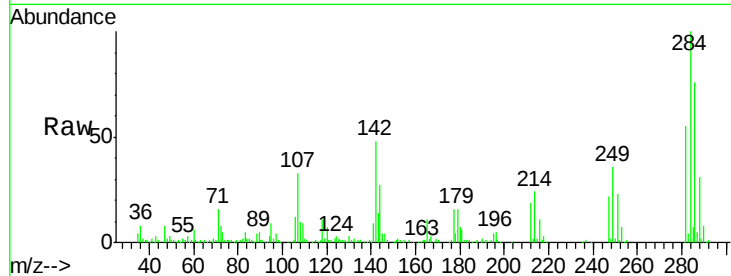




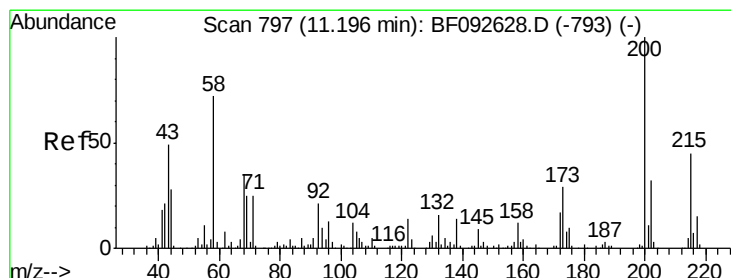
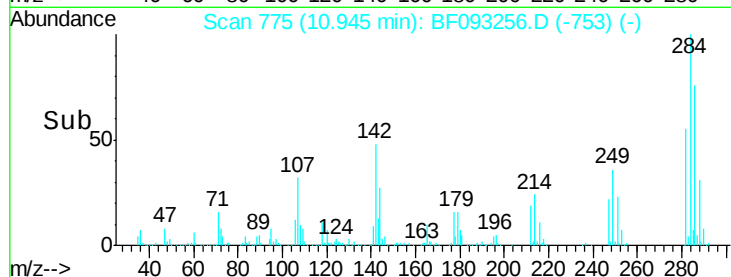
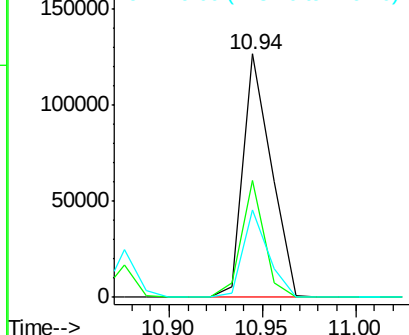
#67
Hexachlorobenzene
Concen: 36.33 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

Tgt Ion: 284 Resp: 132505
Ion Ratio Lower Upper
284 100
142 47.9 22.6 33.8#
249 35.8 25.4 38.0

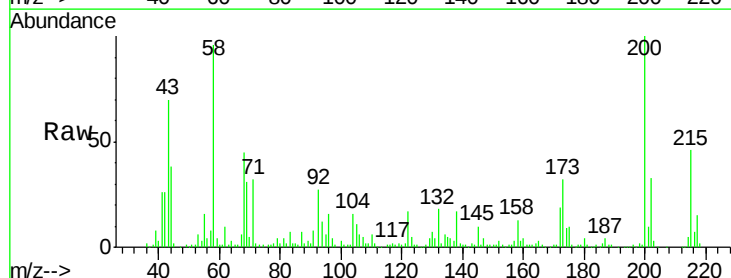


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

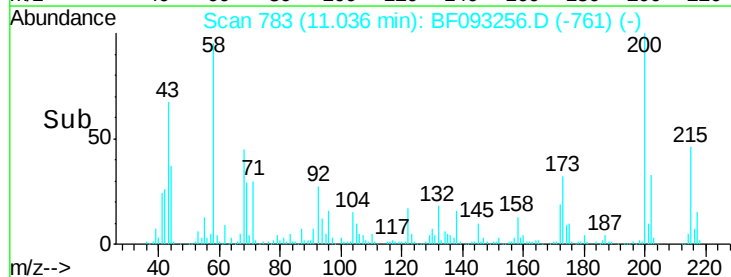
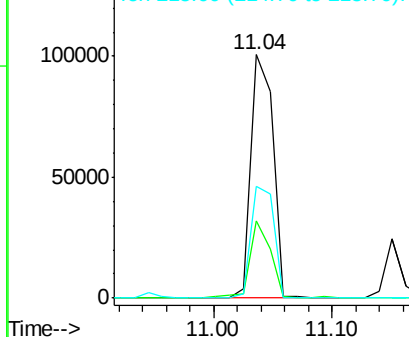


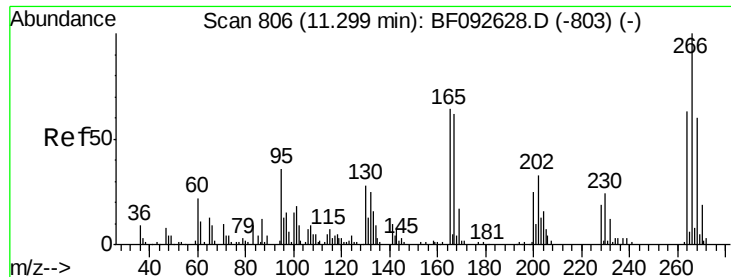
#68
Atrazine
Concen: 36.42 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.05 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion: 200 Resp: 131908
Ion Ratio Lower Upper
200 100
173 31.8 9.6 49.6
215 46.1 25.7 65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

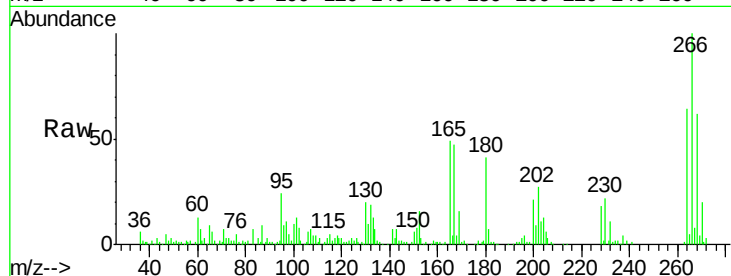




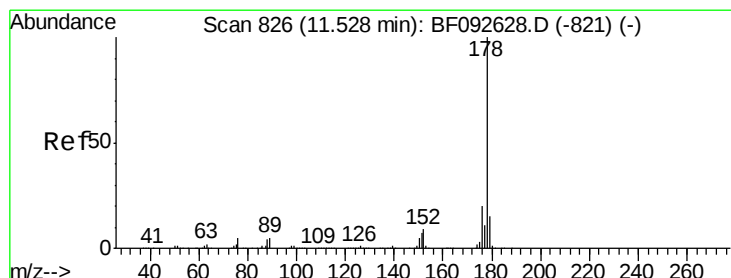
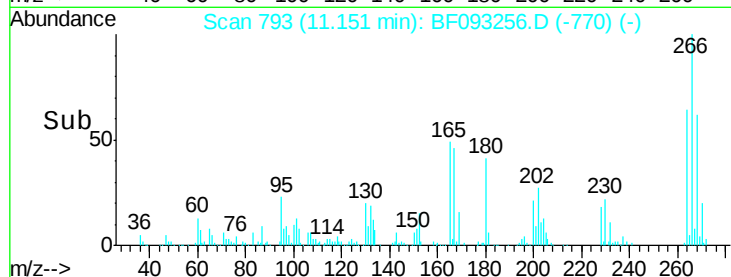
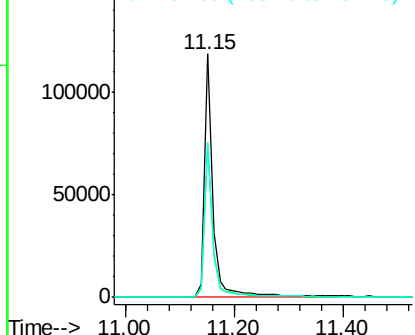
#69
 Pentachlorophenol
 Concen: 70.52 ng
 RT: 11.15 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF093256.D
 Acq: 28 Feb 2017 18:47

Instrument :
 BNA_F
 ClientSampleId :
 TK3-6-20170227MSD

Tgt Ion: 266 Resp: 131020
 Ion Ratio Lower Upper
 266 100
 268 62.5 53.3 79.9
 264 64.0 50.3 75.5

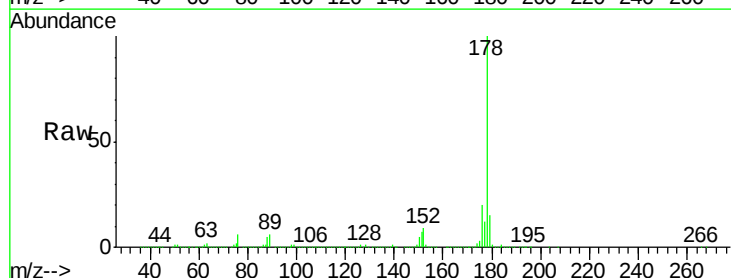


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

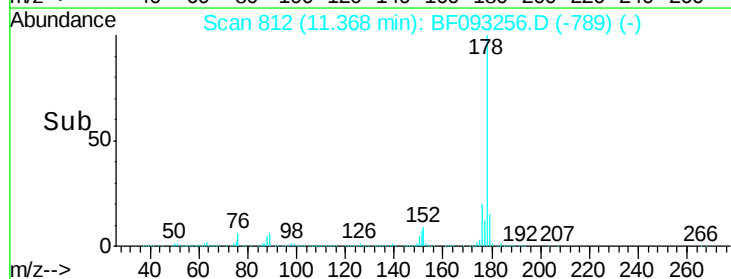
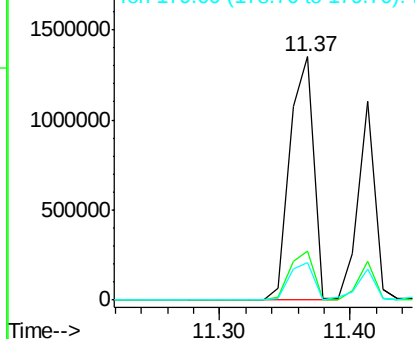


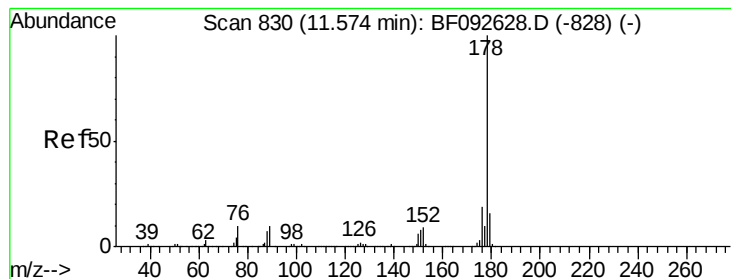
#70
 Phenanthrene
 Concen: 85.07 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BF093256.D
 Acq: 28 Feb 2017 18:47

Tgt Ion: 178 Resp: 1721948
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.6 25.0
 179 15.3 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 48.59 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

TK3-6-20170227MSD

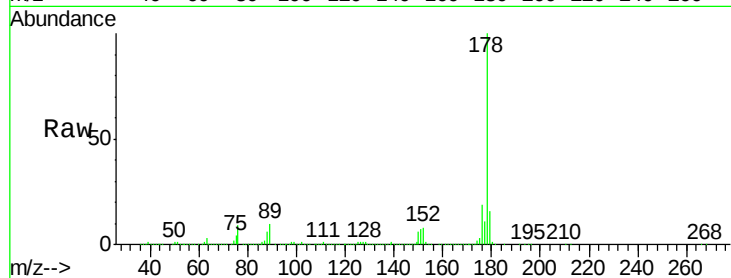
Tgt Ion:178 Resp: 987778

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

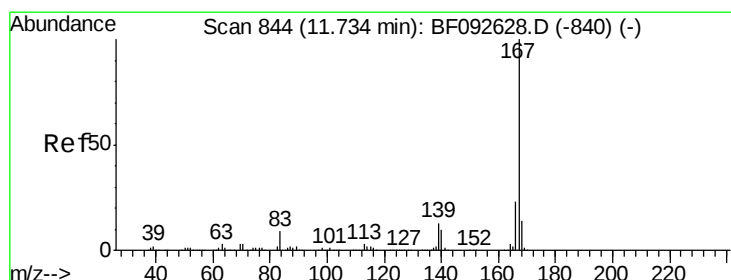
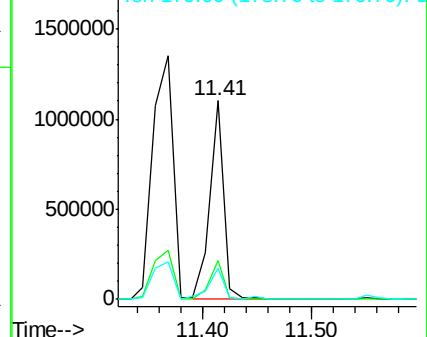
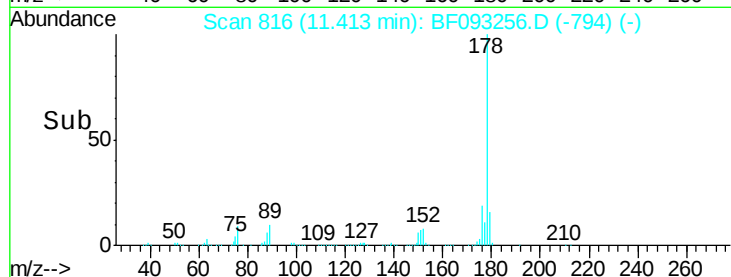
179 15.7 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.89 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

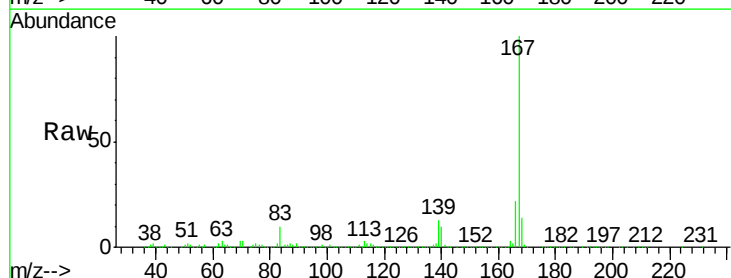
Tgt Ion:167 Resp: 813957

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

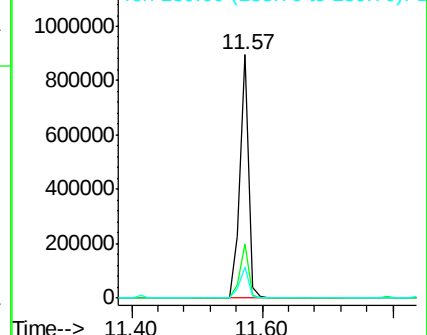
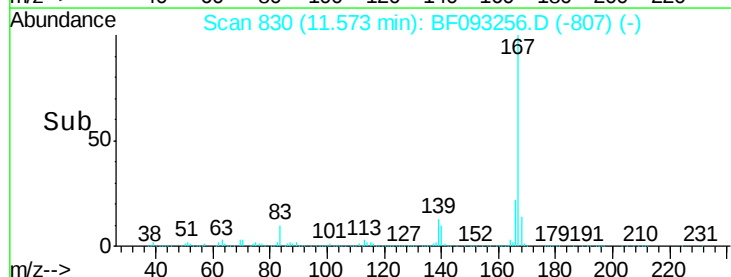
139 12.9 11.4 17.2

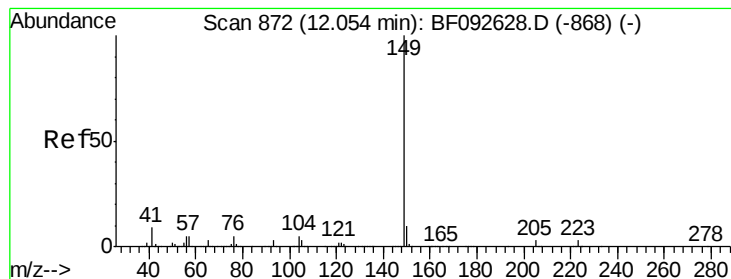


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 74.70 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

TK3-6-20170227MSD

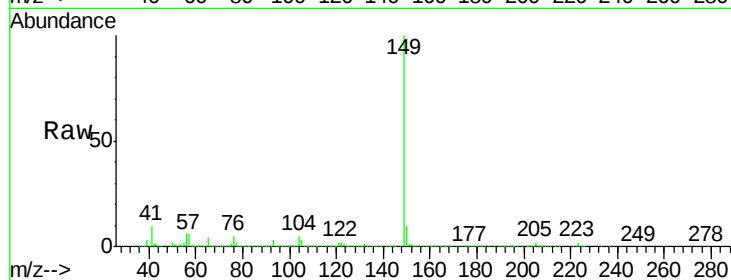
Tgt Ion:149 Resp: 1569862

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

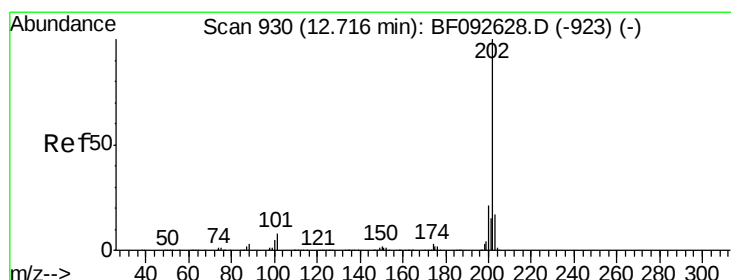
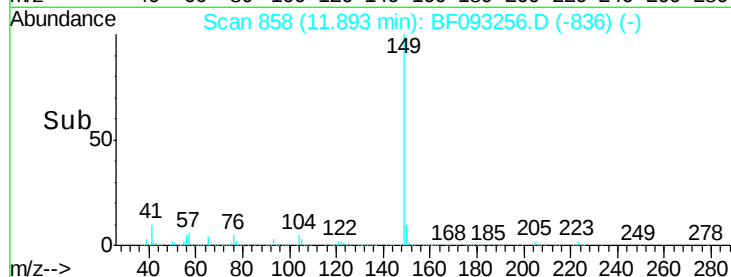
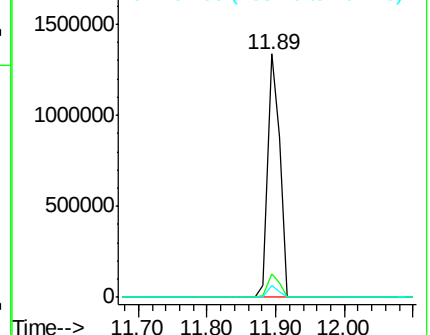
104 5.0 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 97.06 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

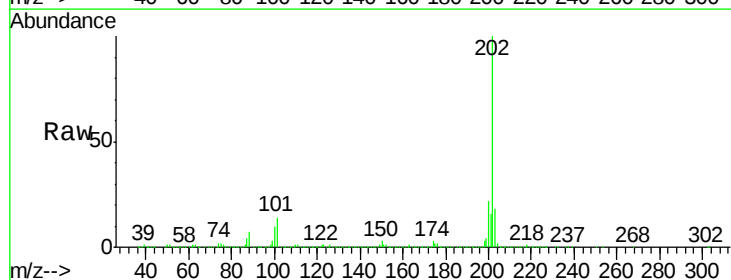
Tgt Ion:202 Resp: 2026606

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.6

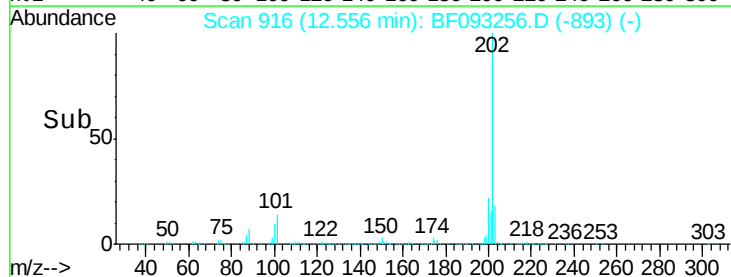
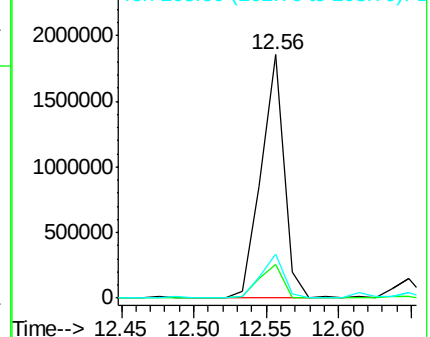
203 18.2 0.0 38.7

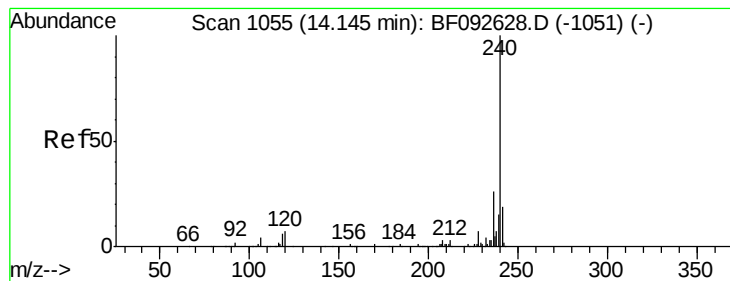


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

TK3-6-20170227MSD

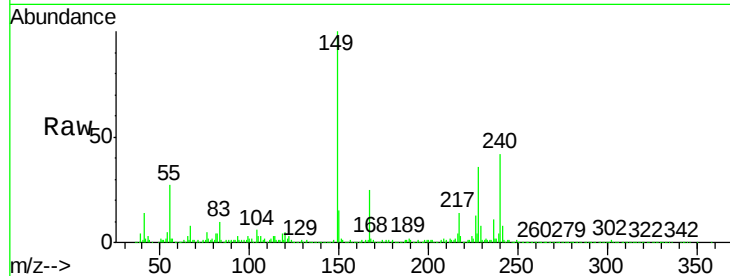
Tgt Ion:240 Resp: 283259

Ion Ratio Lower Upper

240 100

120 10.9 12.9 19.3#

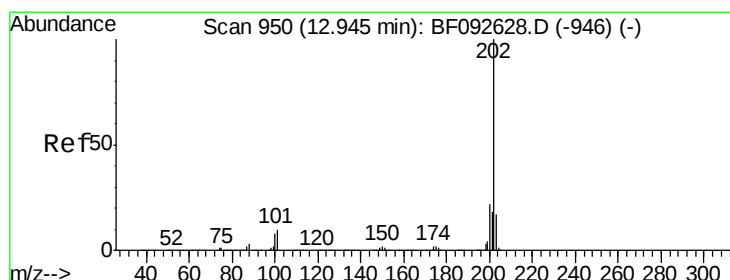
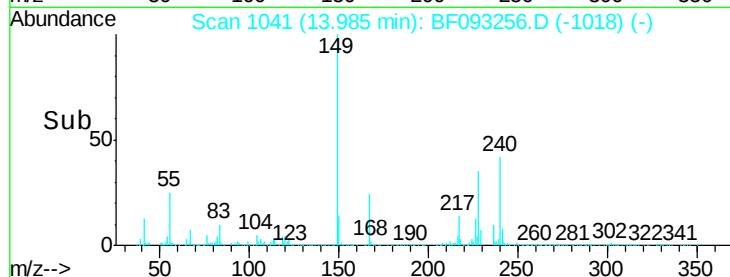
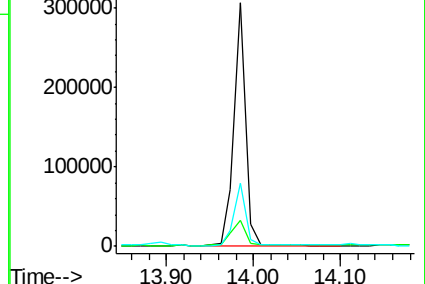
236 26.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 90.65 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

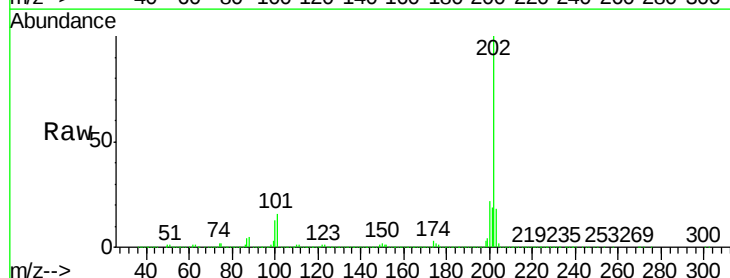
Tgt Ion:202 Resp: 1921630

Ion Ratio Lower Upper

202 100

200 22.4 17.7 26.5

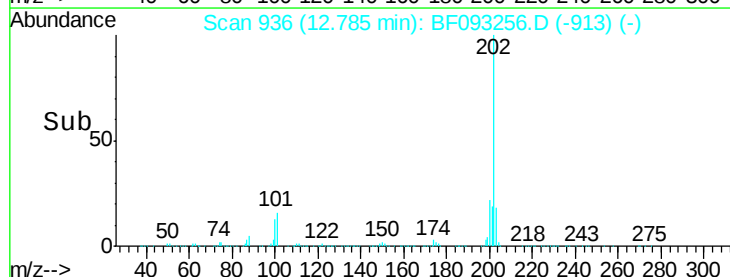
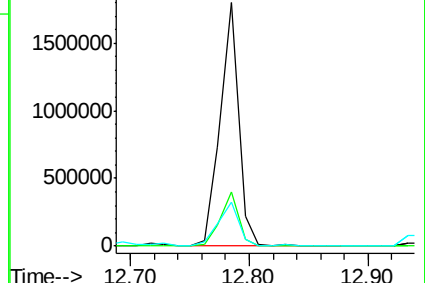
203 18.2 14.7 22.1

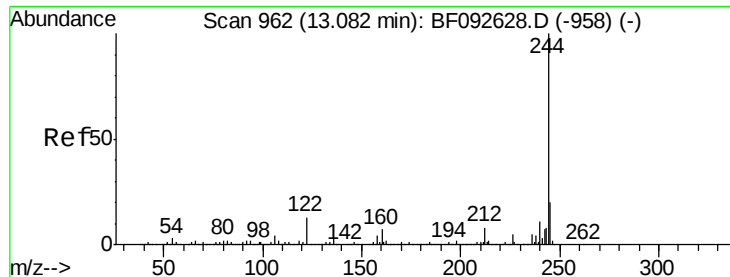


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

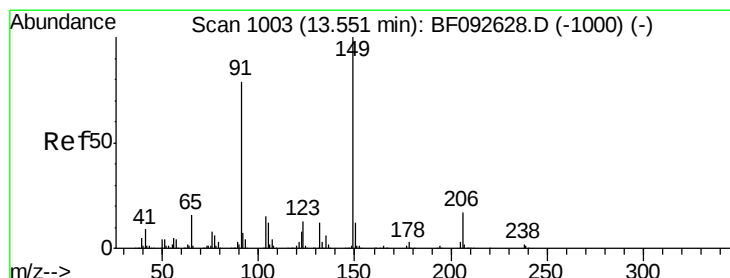
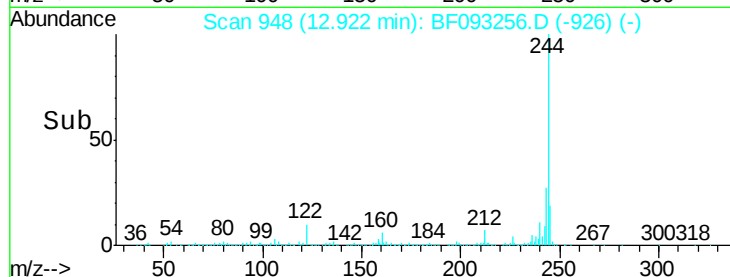
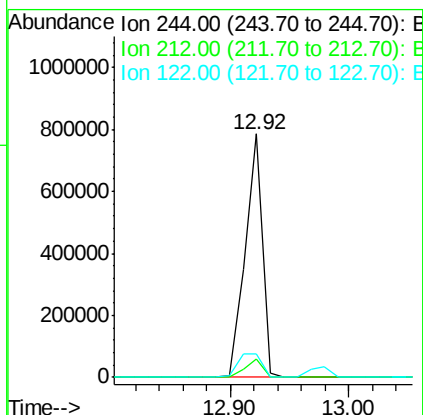
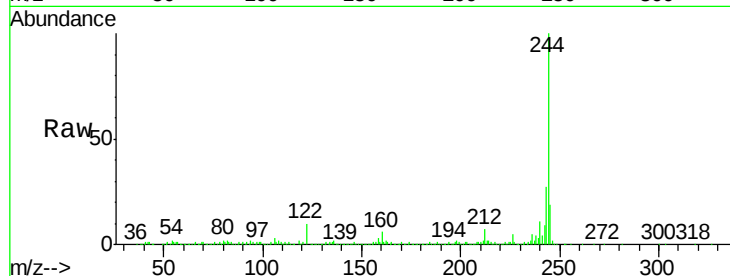




#78
 Terphenyl-d14
 Concen: 65.72 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.05 min
 Lab File: BF093256.D
 Acq: 28 Feb 2017 18:47

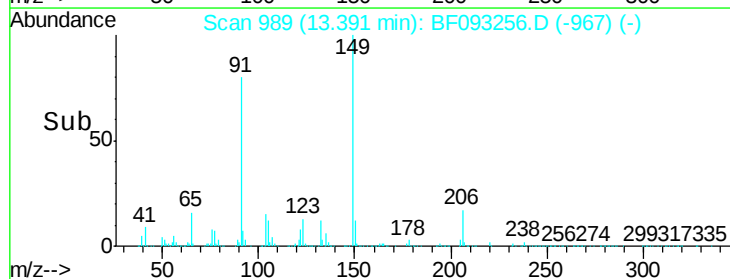
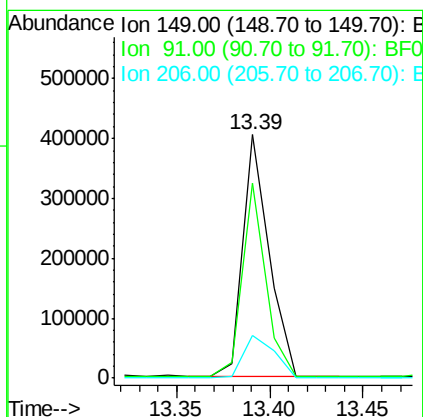
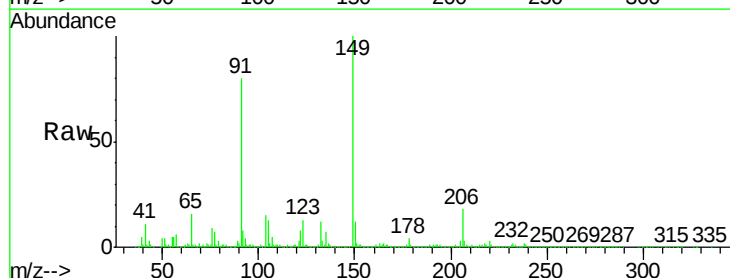
Instrument :
 BNA_F
 ClientSampleId :
 TK3-6-20170227MSD

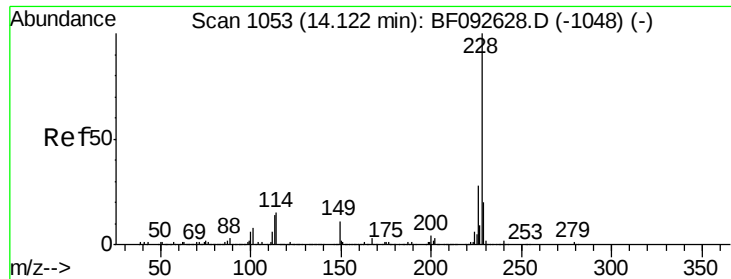
Tgt Ion:244 Resp: 792322
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.7 11.4 17.2#



#79
 Butylbenzylphthalate
 Concen: 45.54 ng
 RT: 13.39 min Scan# 989
 Delta R.T. -0.05 min
 Lab File: BF093256.D
 Acq: 28 Feb 2017 18:47

Tgt Ion:149 Resp: 392051
 Ion Ratio Lower Upper
 149 100
 91 80.3 63.9 95.9
 206 17.5 14.6 21.8





#80

Benzo(a)anthracene

Concen: 82.06 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.03 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

TK3-6-20170227MSD

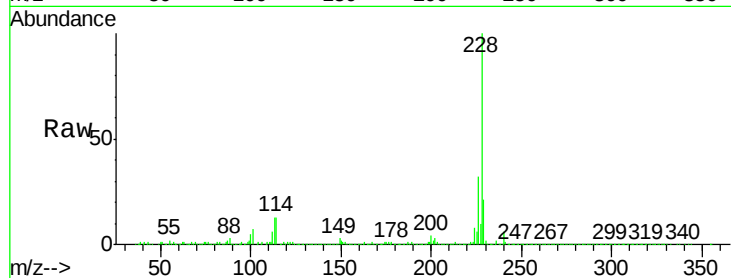
Tgt Ion:228 Resp: 1421662

Ion Ratio Lower Upper

228 100

226 31.9 22.4 33.6

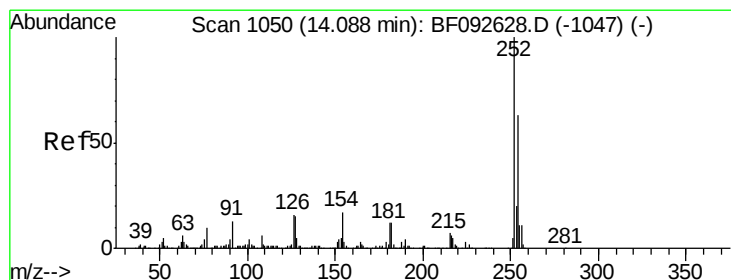
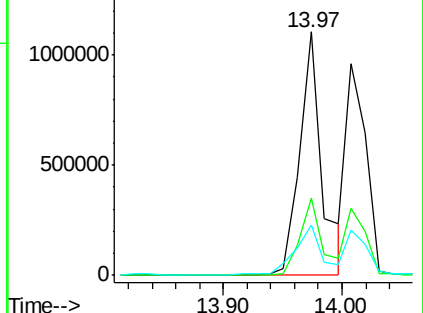
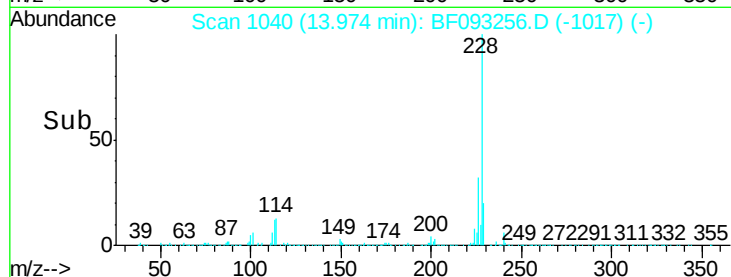
229 20.8 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 20.54 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.03 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

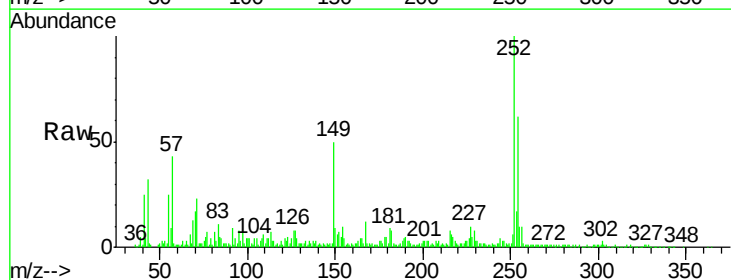
Tgt Ion:252 Resp: 126857

Ion Ratio Lower Upper

252 100

254 61.8 52.3 78.5

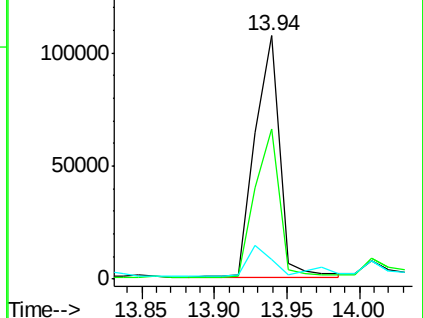
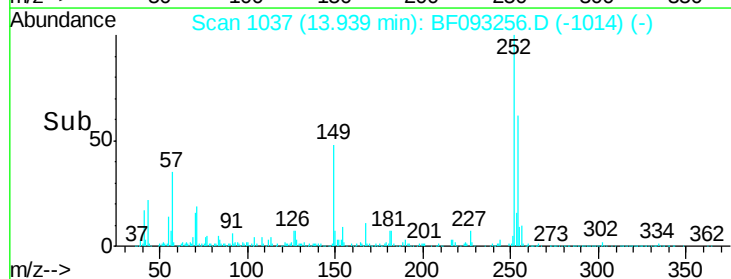
126 8.1 13.6 20.4#

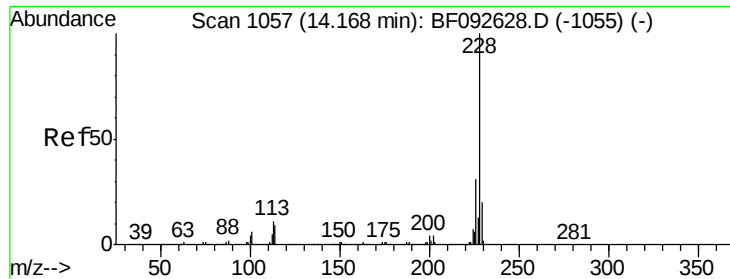


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 68.66 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

TK3-6-20170227MSD

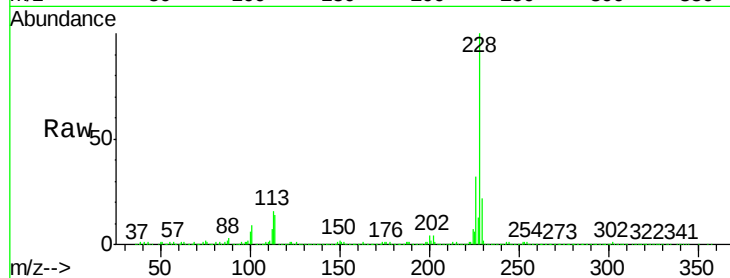
Tgt Ion:228 Resp: 1113640

Ion Ratio Lower Upper

228 100

226 31.9 25.4 38.0

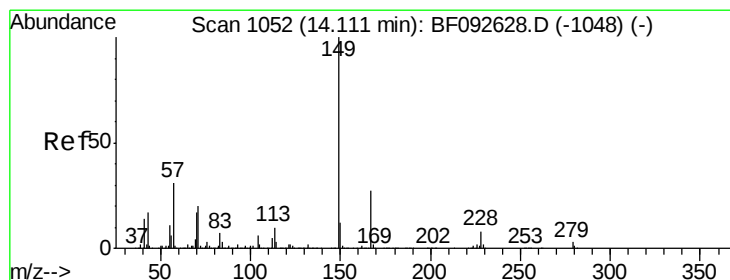
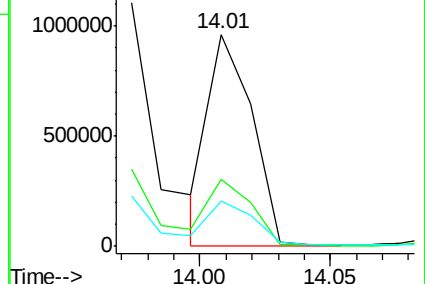
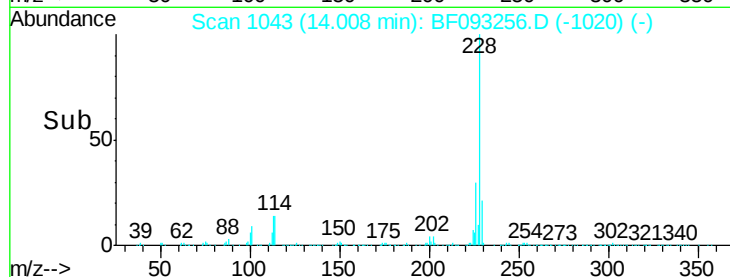
229 21.6 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 55.37 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

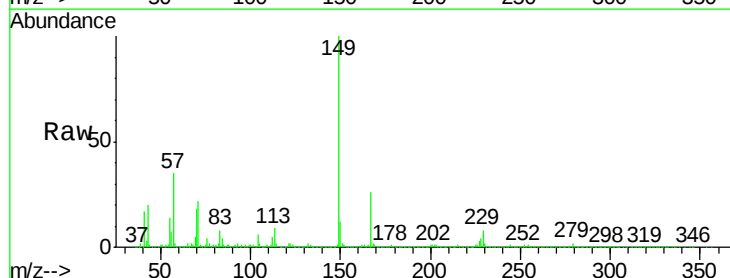
Tgt Ion:149 Resp: 651810

Ion Ratio Lower Upper

149 100

167 26.0 20.2 30.4

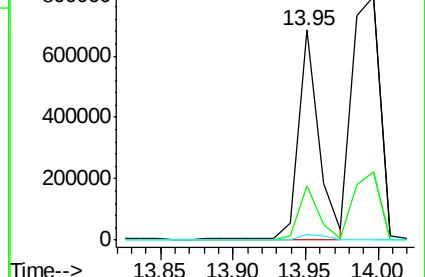
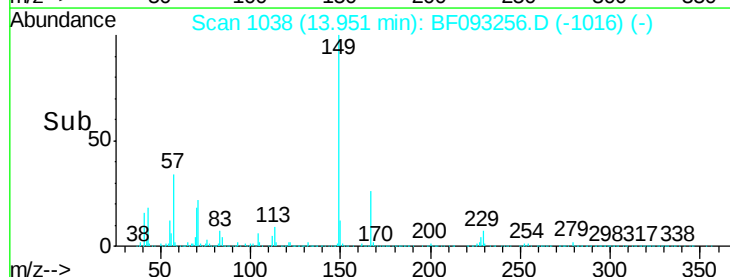
279 2.5 1.8 2.8

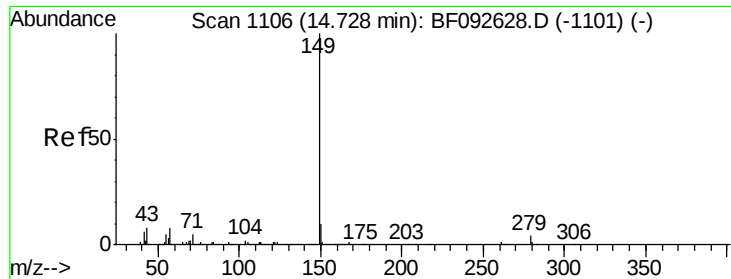


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 48.67 ng

RT: 14.57 min Scan# 1092

Delta R.T. -0.03 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

TK3-6-20170227MSD

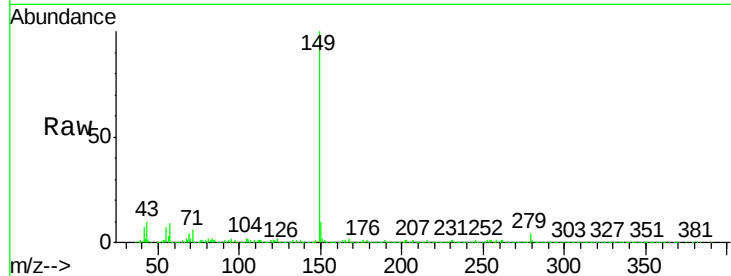
Tgt Ion:149 Resp: 933038

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

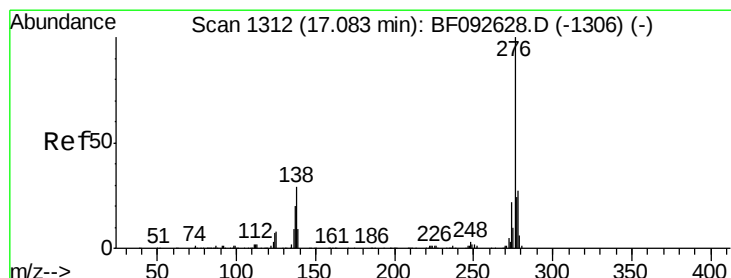
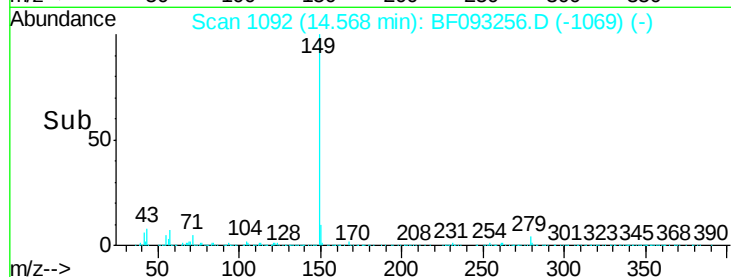
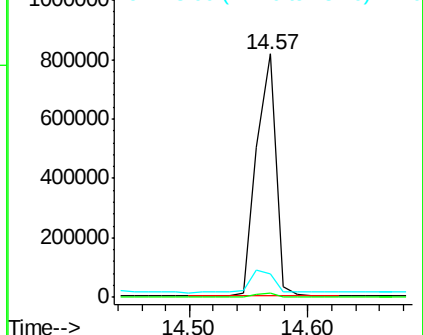
43 11.0 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 63.59 ng

RT: 16.82 min Scan# 1289

Delta R.T. -0.03 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

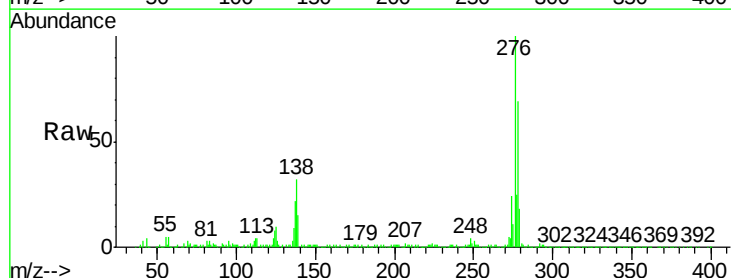
Tgt Ion:276 Resp: 798907

Ion Ratio Lower Upper

276 100

138 31.2 21.8 32.6

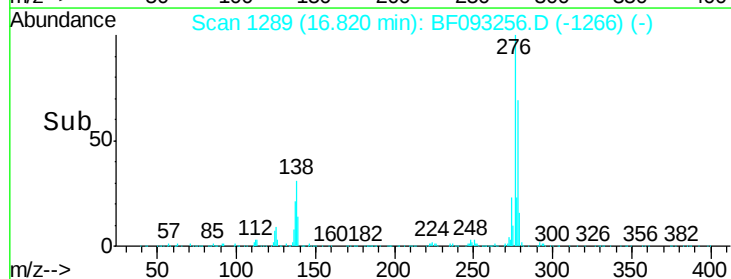
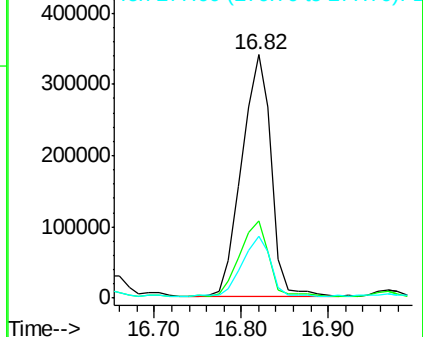
277 24.3 20.2 30.4

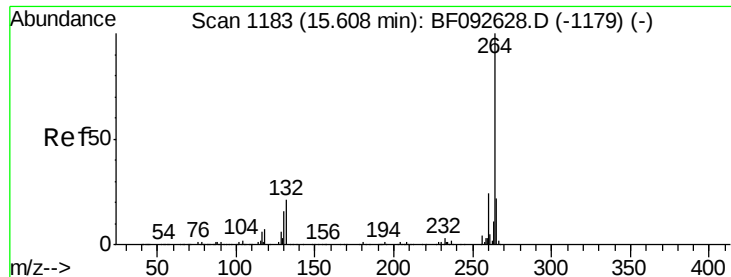


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

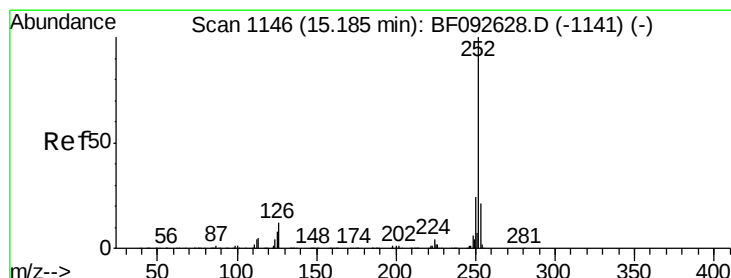
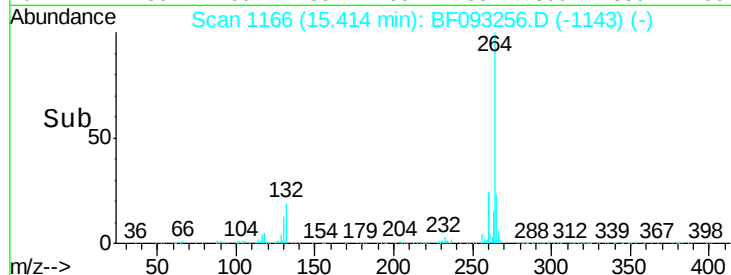
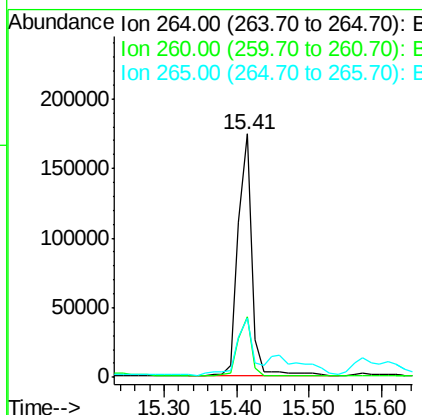
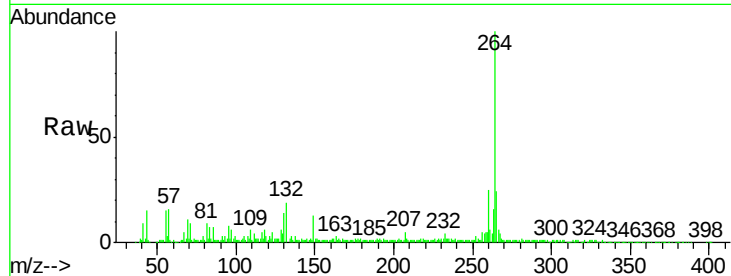




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

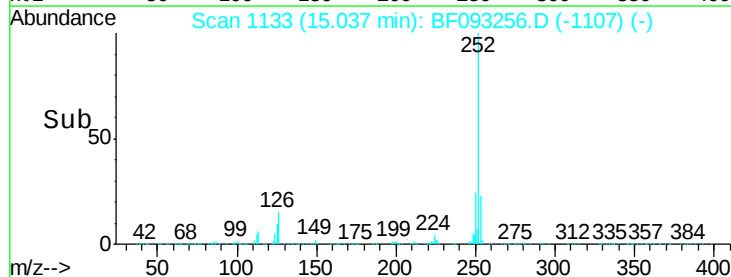
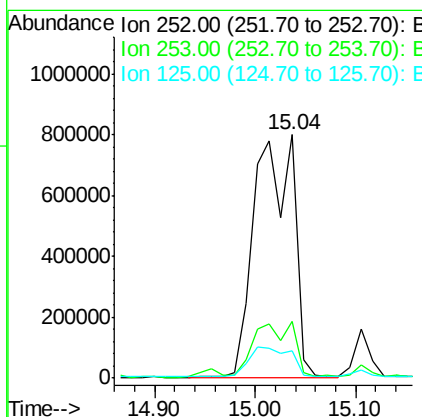
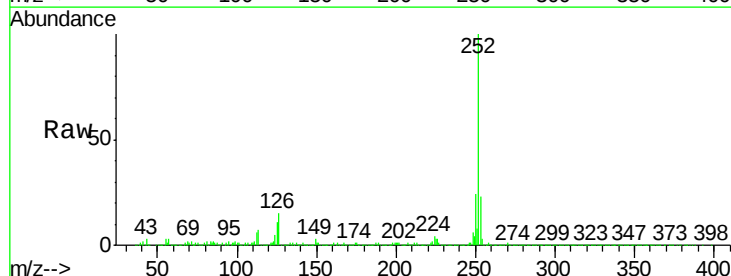
Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

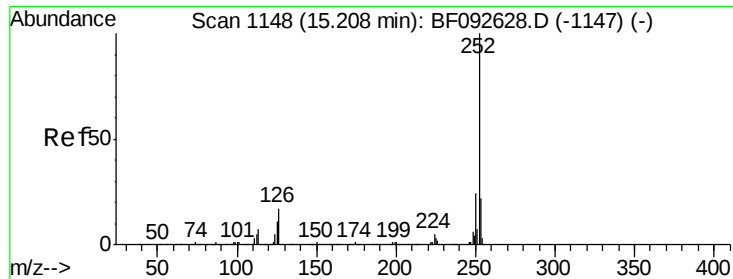
Tgt Ion:264 Resp: 231999
Ion Ratio Lower Upper
264 100
260 24.9 19.2 28.8
265 24.3 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 140.88 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF093256.D
Acq: 28 Feb 2017 18:47

Tgt Ion:252 Resp: 2151285
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.4
125 11.0 9.8 14.6





#88

Benzo(k)fluoranthene

Concen: 163.17 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.03 min

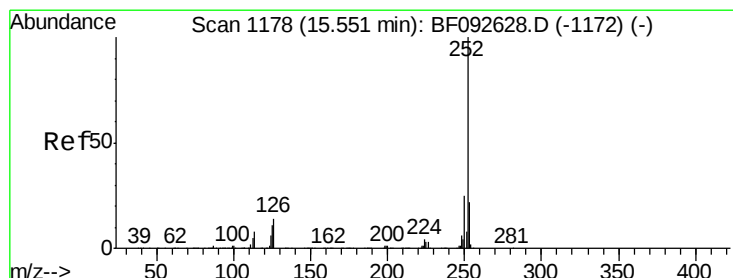
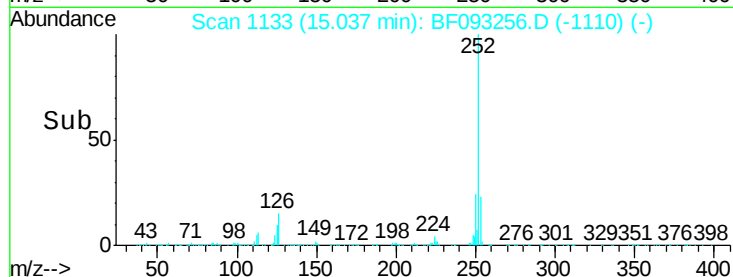
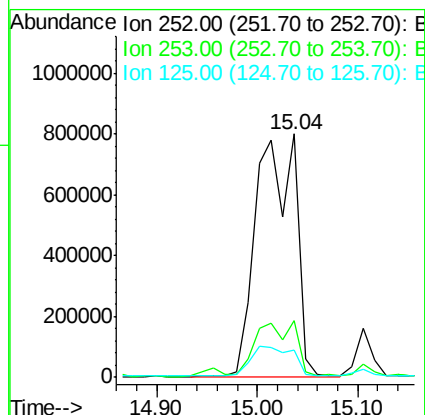
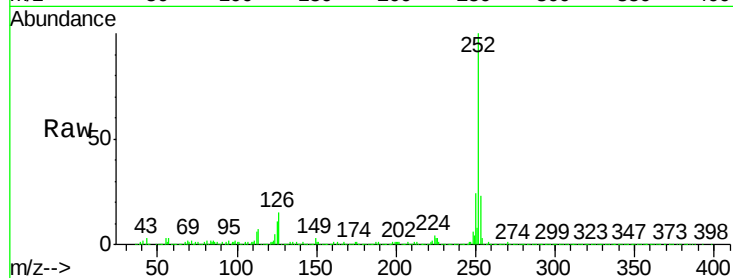
Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

Tgt Ion:252 Resp: 2151285

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.5	27.7
125	11.0	8.9	13.3



#89

Benzo(a)pyrene

Concen: 71.11 ng

RT: 15.36 min Scan# 1161

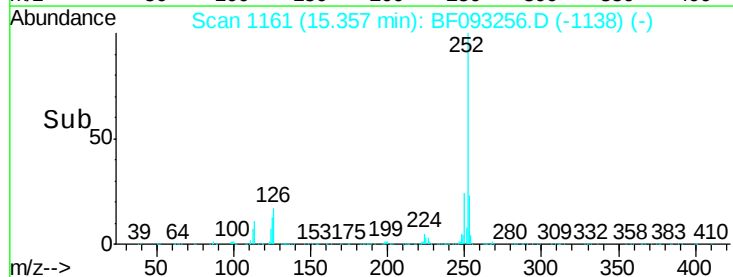
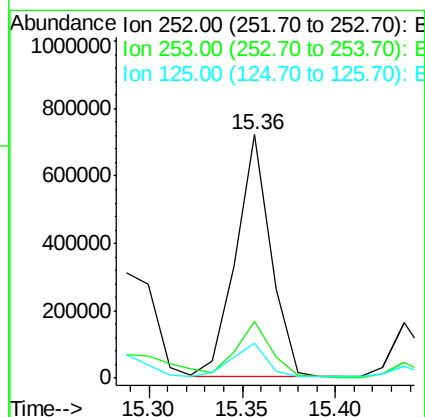
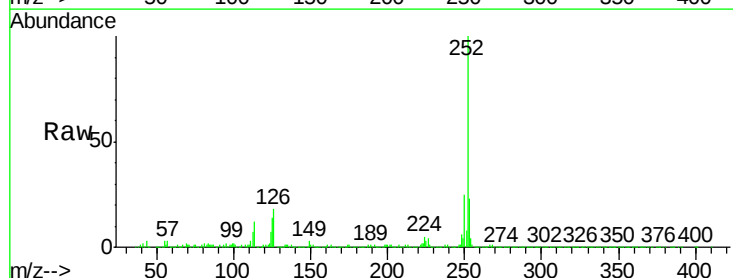
Delta R.T. -0.03 min

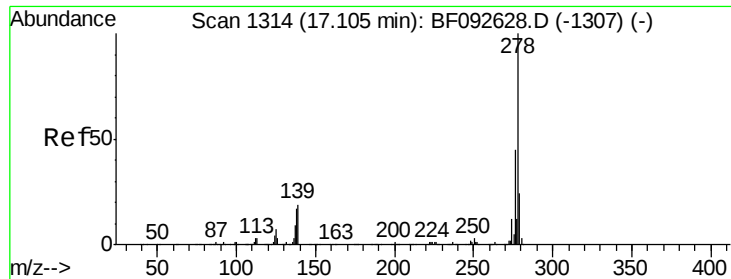
Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Tgt Ion:252 Resp: 939210

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	14.1	10.0	15.0





#90

Dibenzo(a,h)anthracene

Concen: 40.50 ng

RT: 16.82 min Scan# 1289

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

TK3-6-20170227MSD

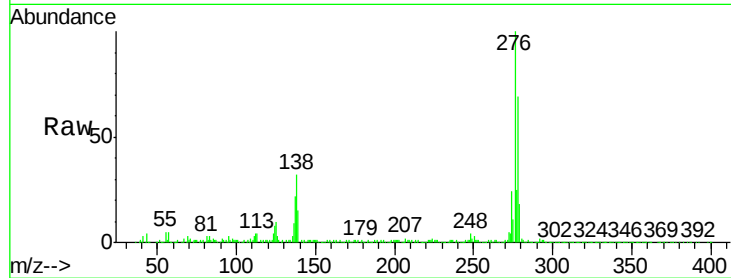
Tgt Ion:278 Resp: 432386

Ion Ratio Lower Upper

278 100

139 22.2 14.8 22.2

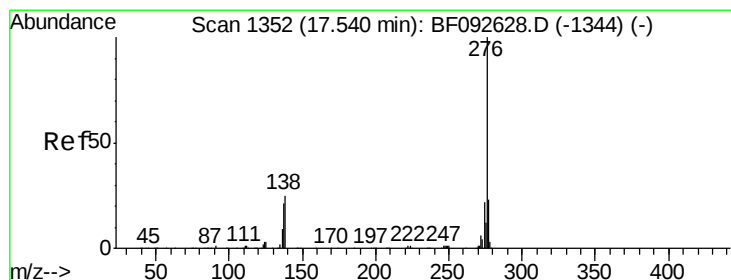
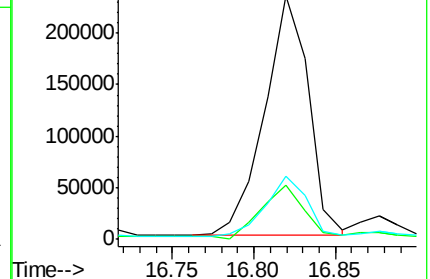
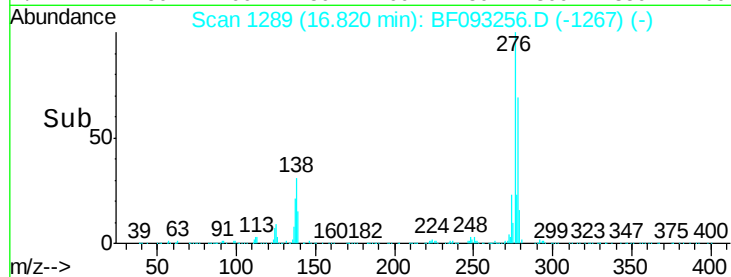
279 25.7 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 69.79 ng

RT: 17.24 min Scan# 1326

Delta R.T. -0.05 min

Lab File: BF093256.D

Acq: 28 Feb 2017 18:47

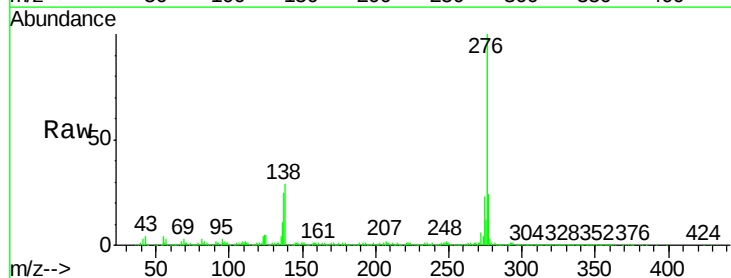
Tgt Ion:276 Resp: 752638

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 29.1 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

