

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
 Data File : BF093367.D
 Acq On : 3 Mar 2017 19:11
 Operator : SJ/MA
 Sample : PB97309BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97309BS

Quant Time: Mar 03 22:12:41 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	6.78	152	186230	20.00	ng	-0.07
21) Naphthalene-d8	8.08	136	735173	20.00	ng	-0.07
38) Acenaphthene-d10	9.82	164	352193	20.00	ng	-0.07
63) Phenanthrene-d10	11.31	188	648962	20.00	ng	-0.07
75) Chrysene-d12	13.95	240	542135	20.00	ng	-0.07
86) Perylene-d12	15.36	264	368408	20.00	ng	-0.09

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1326030	122.16	ng	-0.06
7) Phenol-d6	6.44	99	1645080	117.79	ng	-0.05
23) Nitrobenzene-d5	7.36	82	1164173	88.18	ng	-0.07
41) 2,4,6-Tribromophenol	10.62	330	344569	135.27	ng	-0.06
44) 2-Fluorobiphenyl	9.15	172	1731018	89.04	ng	-0.07
78) Terphenyl-d14	12.89	244	1439908	62.41	ng	-0.08

Target Compounds						Qvalue
2) 1,4-Dioxane	2.40	88	188804	32.19	ng	# 83
3) Pyridine	3.09	79	592544	39.73	ng	88
4) n-Nitrosodimethylamine	3.06	42	306382	43.75	ng	87
6) Aniline	6.45	93	293376	15.40	ng	# 26
8) 2-Chlorophenol	6.58	128	523300	43.70	ng	91
9) Benzaldehyde	6.33	77	132986	13.29	ng	86
10) Phenol	6.45	94	683344	41.82	ng	85
11) bis(2-Chloroethyl)ether	6.52	93	531293	40.73	ng	90
12) 1,3-Dichlorobenzene	6.73	146	563047	40.14	ng	99
13) 1,4-Dichlorobenzene	6.80	146	562507	39.62	ng	99
14) 1,2-Dichlorobenzene	6.96	146	522540	38.49	ng	98
15) Benzyl Alcohol	6.94	79	423955	41.00	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	872120	38.49	ng	73
17) 2-Methylphenol	7.06	107	421699	41.05	ng	93
18) Hexachloroethane	7.30	117	198105	40.88	ng	# 87
19) n-Nitroso-di-n-propylamine	7.21	70	375903	42.28	ng	93
20) 3+4-Methylphenols	7.22	107	604378	49.20	ng	# 76
22) Acetophenone	7.21	105	755147	44.99	ng	# 95
24) Nitrobenzene	7.38	77	596843	44.03	ng	98
25) Isophorone	7.62	82	1040022	42.28	ng	96
26) 2-Nitrophenol	7.70	139	300156	46.58	ng	93
27) 2,4-Dimethylphenol	7.74	122	484796	42.84	ng	96
28) bis(2-Chloroethoxy)methane	7.84	93	641259	39.36	ng	99
29) 2,4-Dichlorophenol	7.95	162	438100	41.51	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	445006	39.12	ng	96
31) Naphthalene	8.10	128	1451676	38.95	ng	99
32) Benzoic acid	7.89	122	248394	40.12	ng	97
33) 4-Chloroaniline	8.16	127	136534	9.34	ng	98
34) Hexachlorobutadiene	8.21	225	233426	37.30	ng	99
35) Caprolactam	8.53	113	105099	31.66	ng	# 41
36) 4-Chloro-3-methylphenol	8.66	107	494050	44.90	ng	94
37) 2-Methylnaphthalene	8.78	142	922165	38.54	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	441884	44.70	ng	100
40) Hexachlorocyclopentadiene	8.93	237	221428	49.64	ng	95

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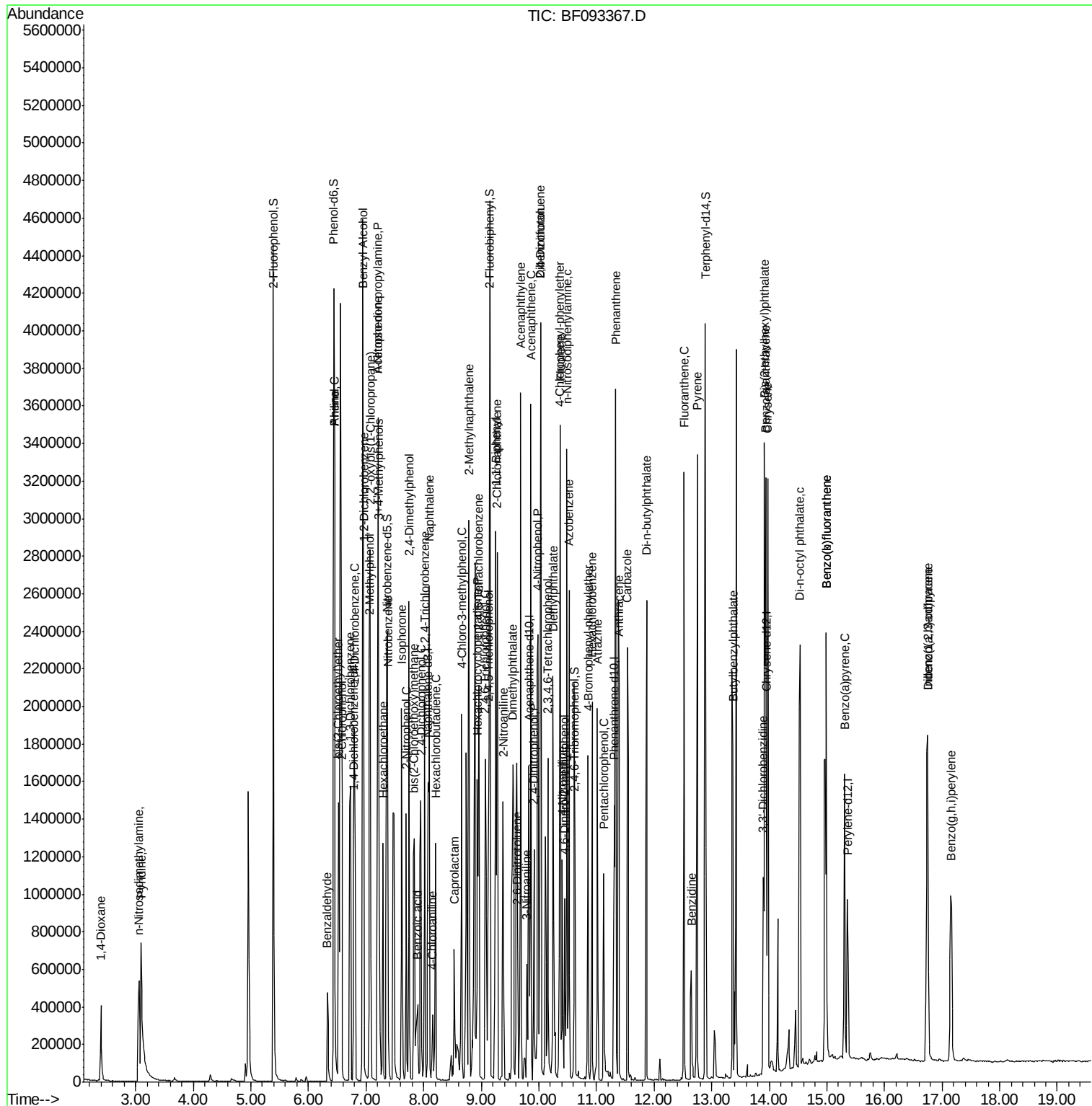
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	286409	44.09	ng	91
43) 2,4,5-Trichlorophenol	9.13	196	293822	41.28	ng	# 84
45) 1,1'-Biphenyl	9.25	154	1186994	46.54	ng	99
46) 2-Chloronaphthalene	9.28	162	915237	45.88	ng	98
47) 2-Nitroaniline	9.38	65	292860	43.66	ng	95
48) Acenaphthylene	9.69	152	1339810	38.88	ng	99
49) Dimethylphthalate	9.55	163	1108706	46.74	ng	99
50) 2,6-Dinitrotoluene	9.63	165	235039	45.88	ng	# 69
51) Acenaphthene	9.86	154	841342	40.83	ng	97
52) 3-Nitroaniline	9.79	138	96877	16.52	ng	99
53) 2,4-Dinitrophenol	9.92	184	203503	78.20	ng	# 85
54) Dibenzofuran	10.03	168	1166255	42.32	ng	96
55) 4-Nitrophenol	9.98	139	303151	71.79	ng	# 80
56) 2,4-Dinitrotoluene	10.03	165	268925	39.43	ng	# 71
57) Fluorene	10.37	166	936635	44.17	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.16	232	234540	49.40	ng	94
59) Diethylphthalate	10.25	149	963636	43.10	ng	99
60) 4-Chlorophenyl-phenylether	10.36	204	419807	41.21	ng	89
61) 4-Nitroaniline	10.41	138	233643	38.91	ng	92
62) Azobenzene	10.52	77	1120073	48.50	ng	98
64) 4,6-Dinitro-2-methylphenol	10.44	198	163634	41.79	ng	# 31
65) n-Nitrosodiphenylamine	10.49	169	852982	41.14	ng	100
66) 4-Bromophenyl-phenylether	10.85	248	275019	40.56	ng	# 86
67) Hexachlorobenzene	10.92	284	265275	39.59	ng	# 91
68) Atrazine	11.01	200	243321	36.57	ng	100
69) Pentachlorophenol	11.13	266	219655	64.99	ng	98
70) Phenanthrene	11.33	178	1399067	37.63	ng	99
71) Anthracene	11.39	178	1490766	39.93	ng	98
72) Carbazole	11.54	167	1308662	36.67	ng	99
73) Di-n-butylphthalate	11.87	149	1700272	44.05	ng	# 96
74) Fluoranthene	12.52	202	1478051	38.54	ng	95
76) Benzidine	12.65	184	329584	14.27	ng	96
77) Pyrene	12.75	202	1503933	37.07	ng	99
79) Butylbenzylphthalate	13.37	149	729443	44.27	ng	# 73
80) Benzo(a)anthracene	13.94	228	1182726	35.67	ng	100
81) 3,3'-Dichlorobenzidine	13.89	252	245005	20.73	ng	96
82) Chrysene	13.97	228	930617	29.98	ng	100
83) Bis(2-ethylhexyl)phthalate	13.92	149	884475	39.25	ng	100
84) Di-n-octyl phthalate	14.53	149	1487598	40.54	ng	99
85) Indeno(1,2,3-cd)pyrene	16.75	276	845502	35.16	ng	# 94
87) Benzo(b)fluoranthene	14.99	252	1892604	78.05	ng	99
88) Benzo(k)fluoranthene	14.99	252	1892604	90.40	ng	98
89) Benzo(a)pyrene	15.31	252	885068	42.20	ng	97
90) Dibenzo(a,h)anthracene	16.75	278	709601	41.86	ng	98
91) Benzo(g,h,i)perylene	17.16	276	742228	43.34	ng	# 95

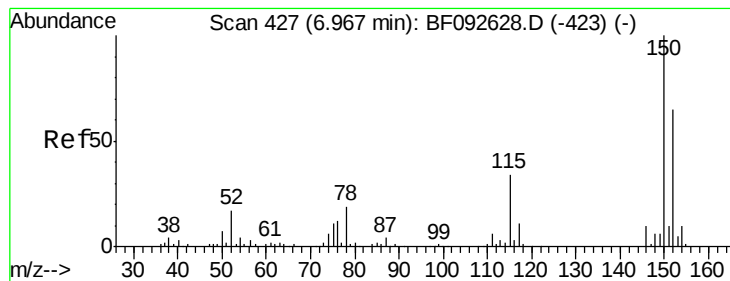
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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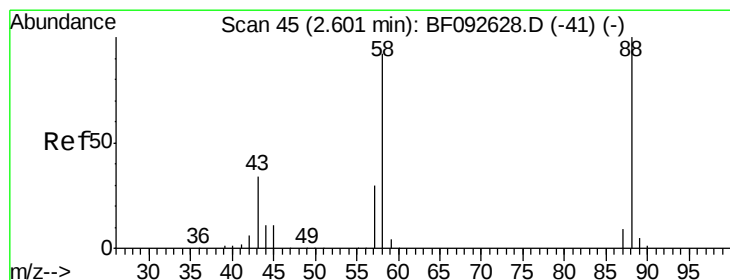
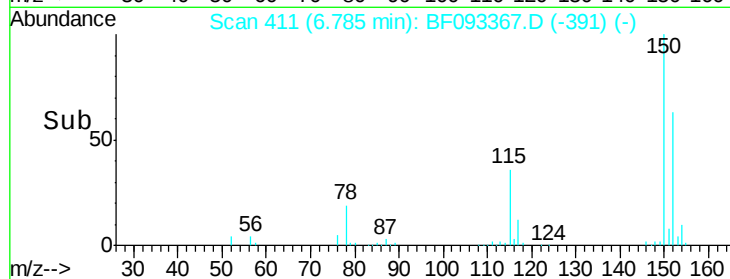
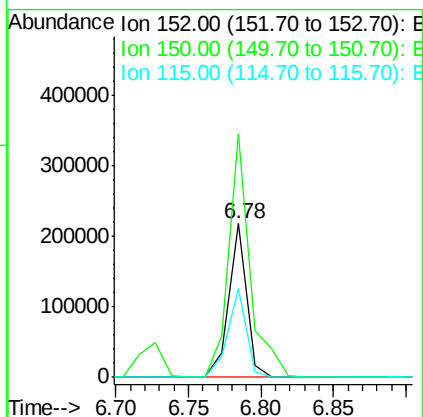
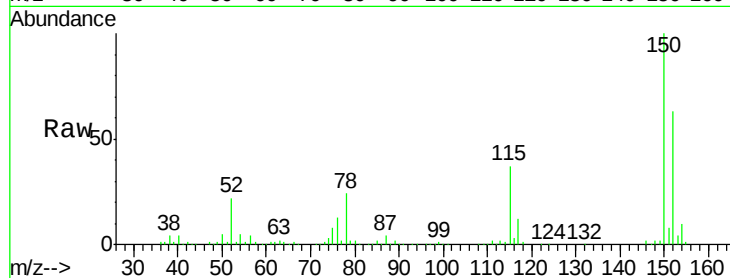




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.07 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

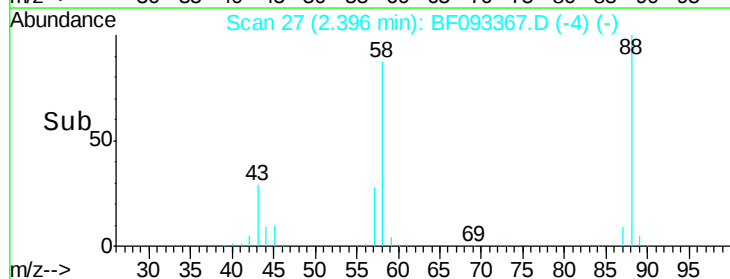
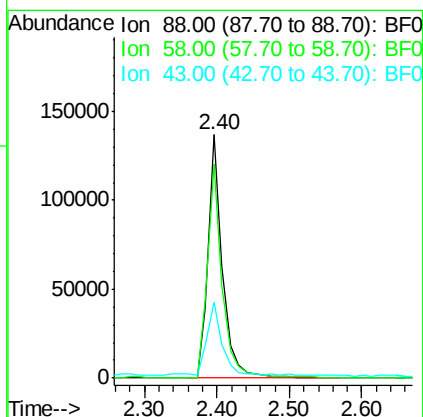
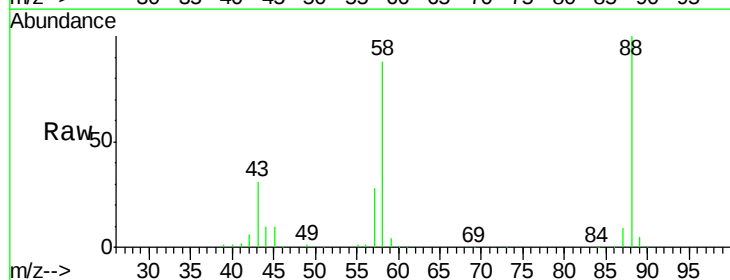
Instrument :
 BNA_F
 ClientSampleId :
 PB97309BS

Tgt Ion:152 Resp: 186230
 Ion Ratio Lower Upper
 152 100
 150 158.3 124.9 187.3
 115 58.1 46.0 69.0



#2
 1,4-Dioxane
 Concen: 32.19 ng
 RT: 2.40 min Scan# 27
 Delta R.T. -0.03 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Tgt Ion: 88 Resp: 188804
 Ion Ratio Lower Upper
 88 100
 58 89.8 57.8 86.8#
 43 31.1 22.3 33.5





#3

Pyridine

Concen: 39.73 ng

RT: 3.09 min Scan# 88

Delta R.T. -0.06 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

ClientSampleId :

PB97309BS

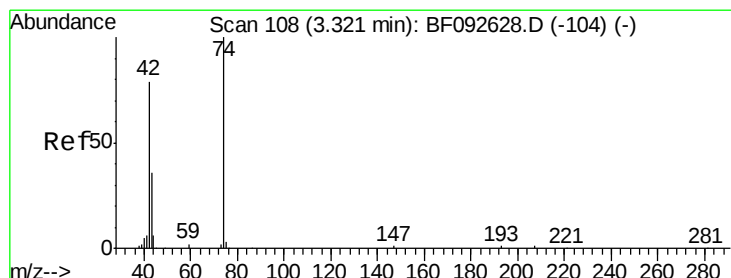
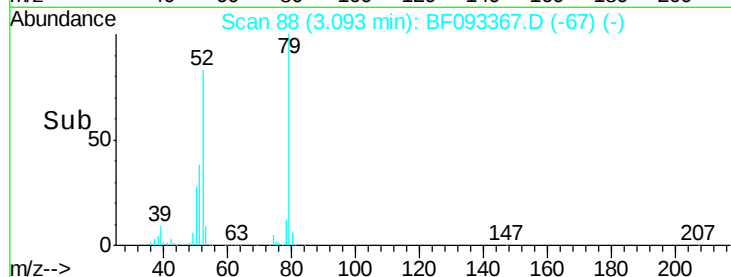
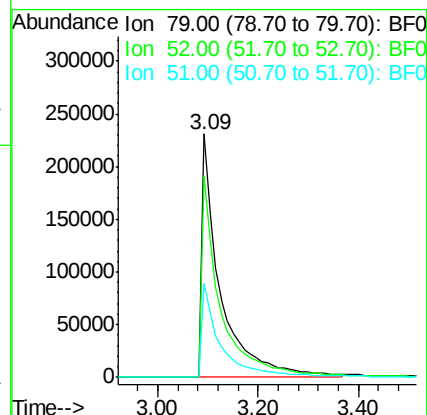
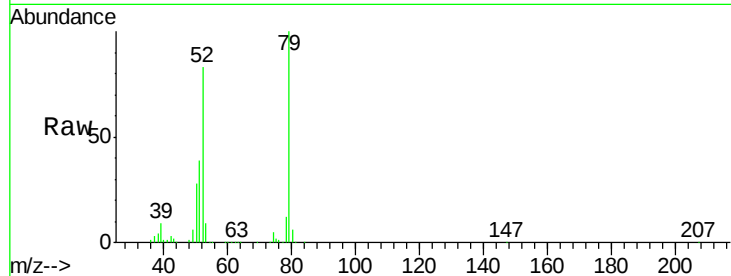
Tgt Ion: 79 Resp: 592544

Ion Ratio Lower Upper

79 100

52 82.5 57.1 85.7

51 38.6 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 43.75 ng

RT: 3.06 min Scan# 85

Delta R.T. -0.05 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

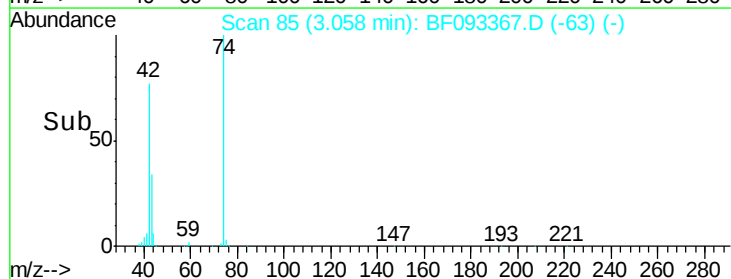
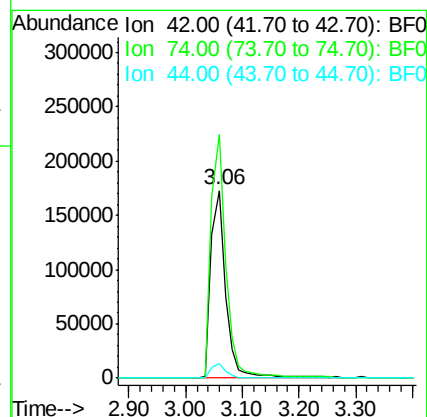
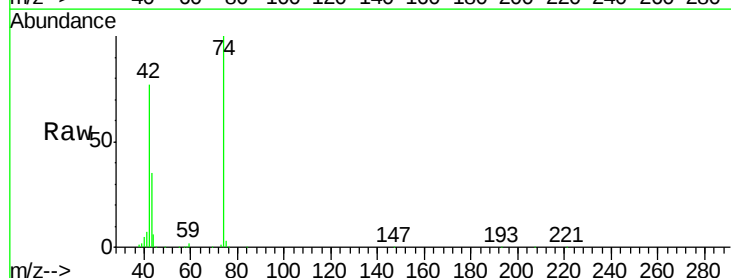
Tgt Ion: 42 Resp: 306382

Ion Ratio Lower Upper

42 100

74 129.7 117.0 175.4

44 7.7 5.5 8.3





#5

2-Fluorophenol

Concen: 122.16 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

ClientSampleId :

PB97309BS

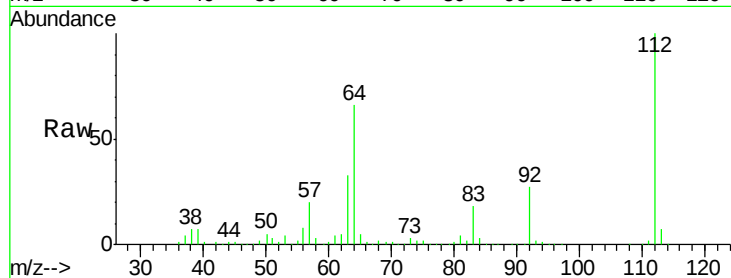
Tgt Ion: 112 Resp: 1326030

Ion Ratio Lower Upper

112 100

64 65.8 46.1 69.1

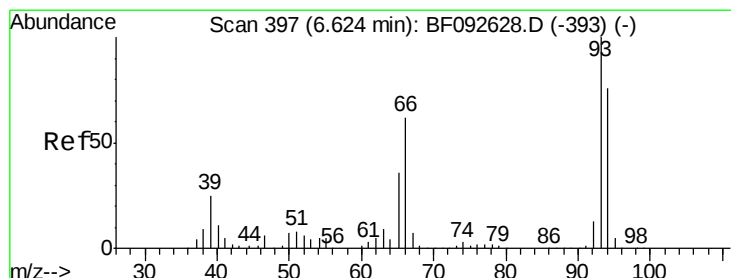
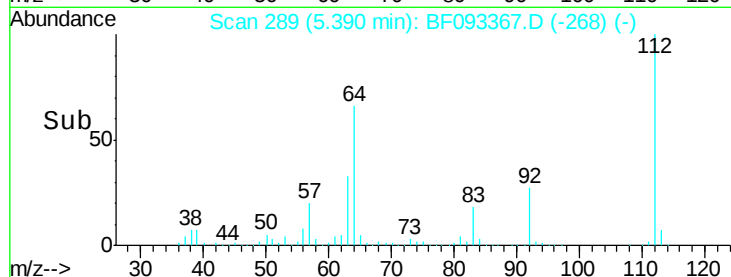
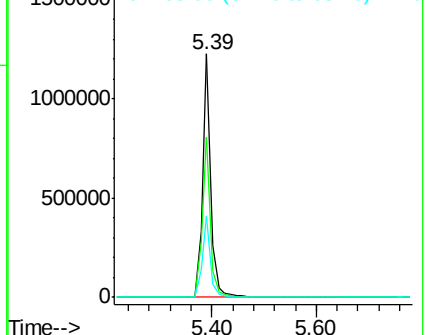
63 33.3 23.8 35.6



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: 15.40 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

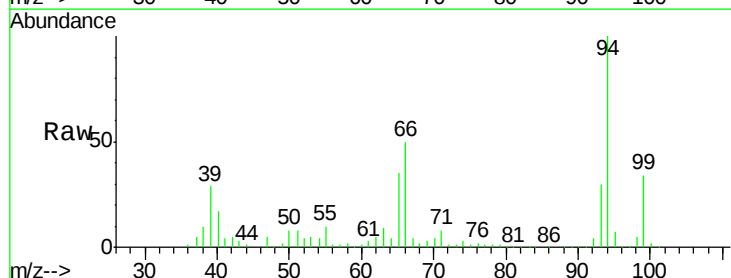
Tgt Ion: 93 Resp: 293376

Ion Ratio Lower Upper

93 100

66 168.7 76.2 114.2#

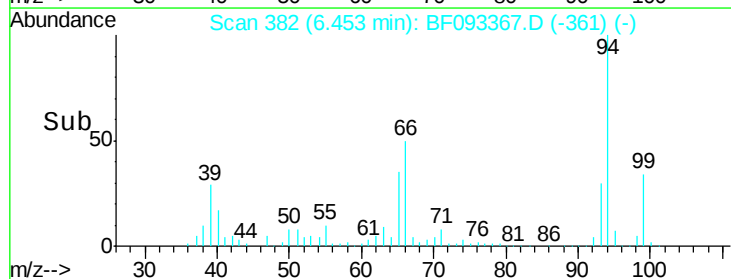
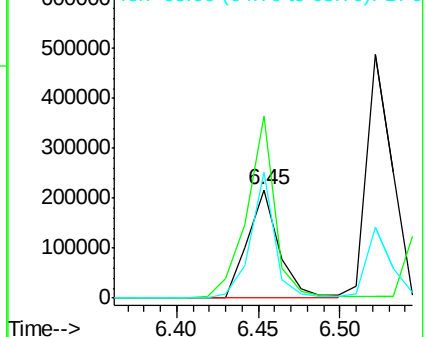
65 116.4 49.3 73.9#

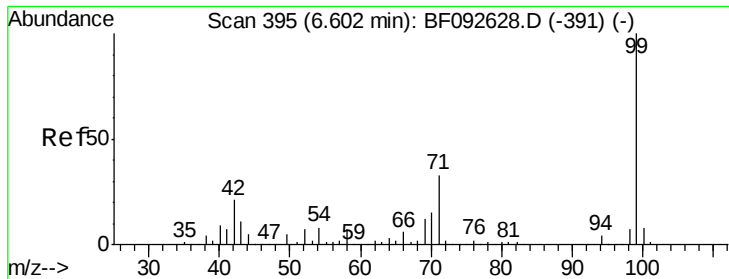


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.79 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF093367.D

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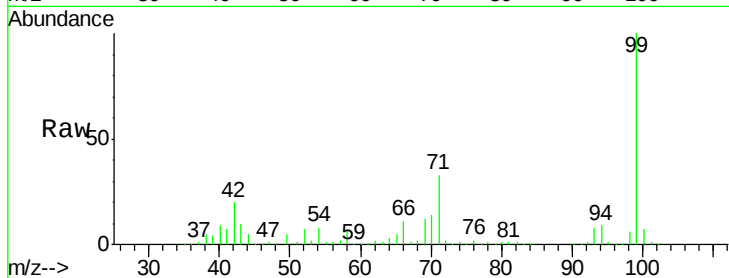
Tgt Ion: 99 Resp: 1645080

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

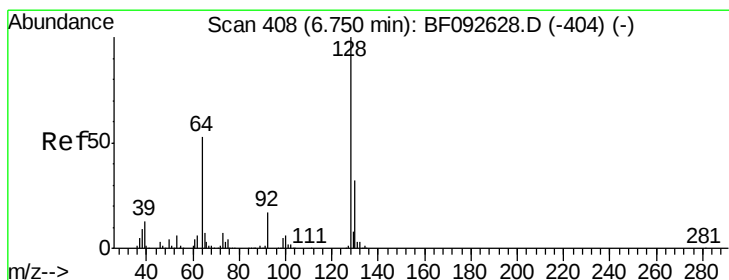
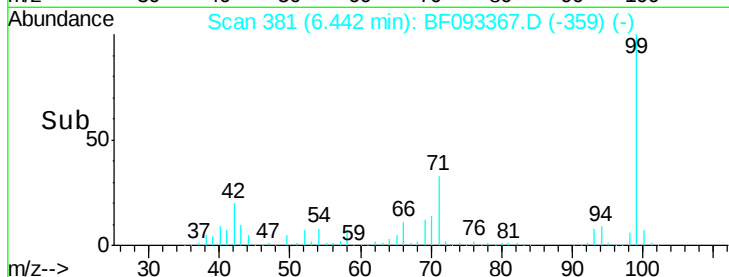
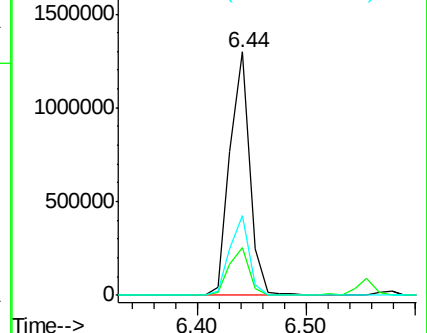
71 33.0 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.70 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.06 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

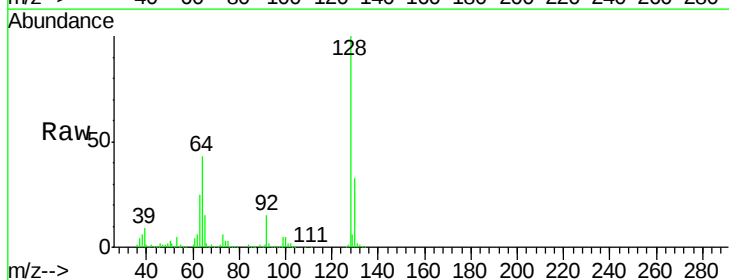
Tgt Ion: 128 Resp: 523300

Ion Ratio Lower Upper

128 100

130 33.3 12.3 52.3

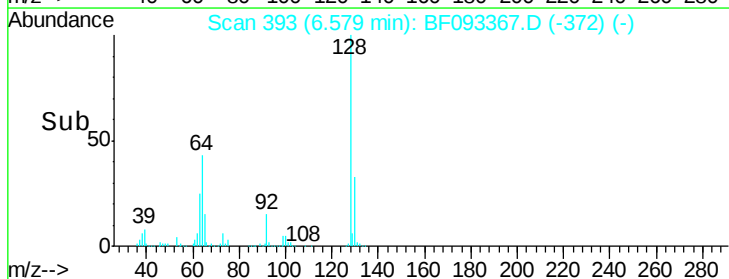
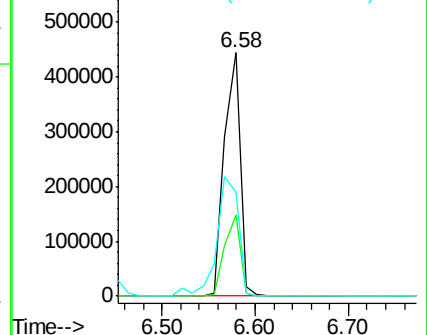
64 42.9 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.29 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.07 min

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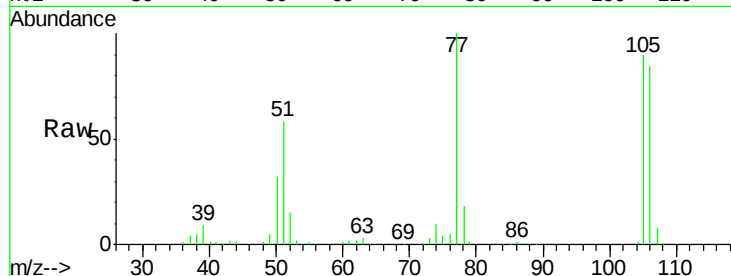
Tgt Ion: 77 Resp: 132986

Ion Ratio Lower Upper

77 100

105 90.4 83.9 123.9

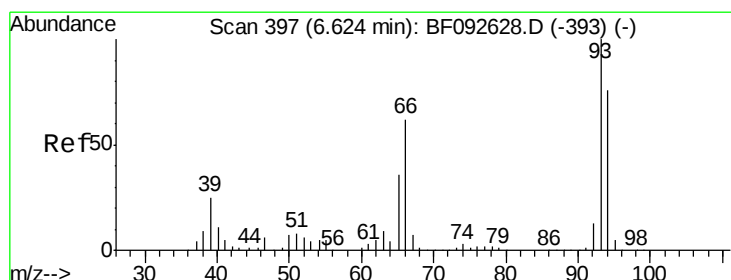
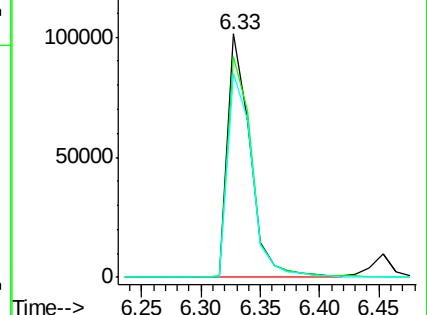
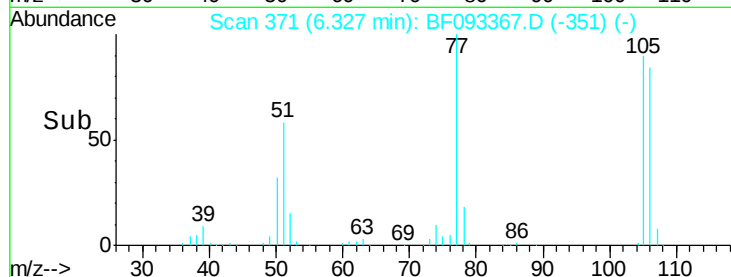
106 83.5 77.6 117.6



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: 41.82 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

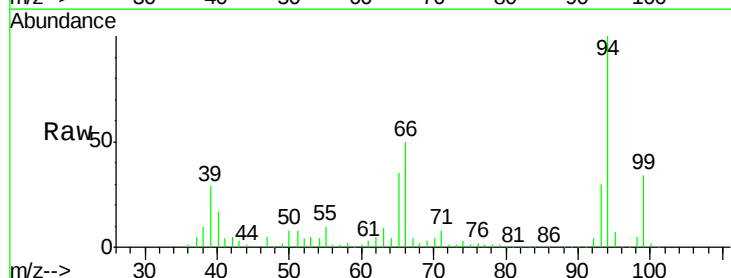
Tgt Ion: 94 Resp: 683344

Ion Ratio Lower Upper

94 100

65 34.6 21.4 61.4

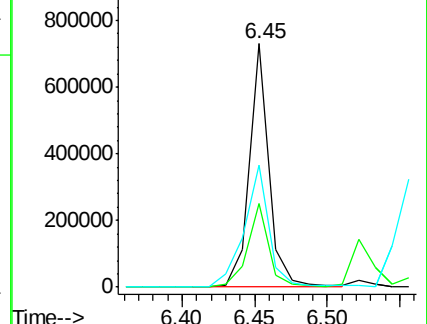
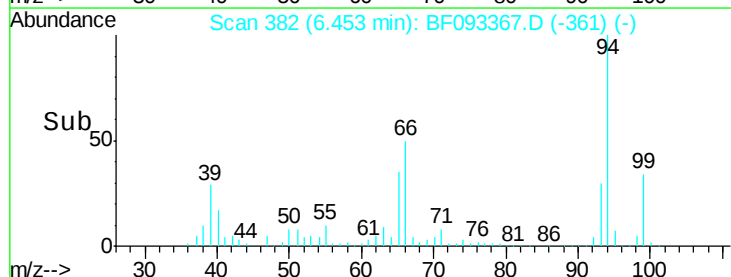
66 50.1 44.0 84.0

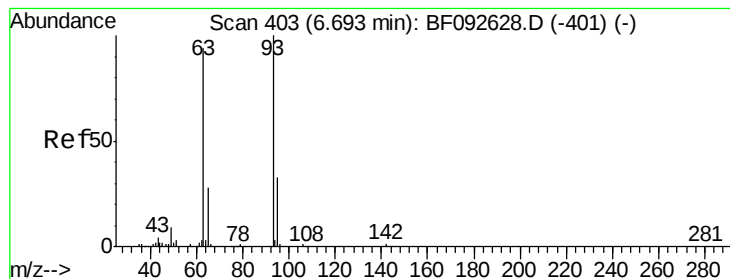


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.73 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.07 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

ClientSampleId :

PB97309BS

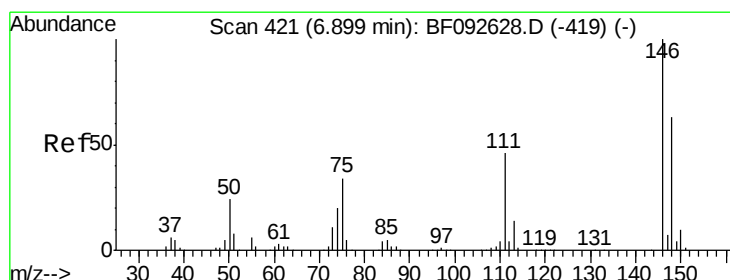
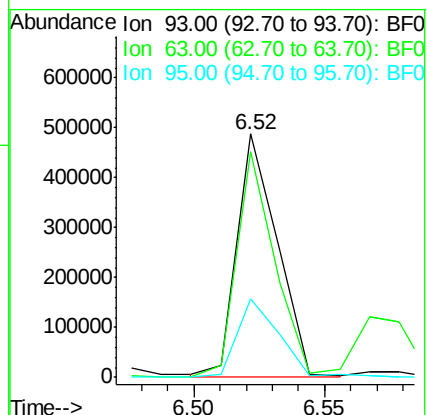
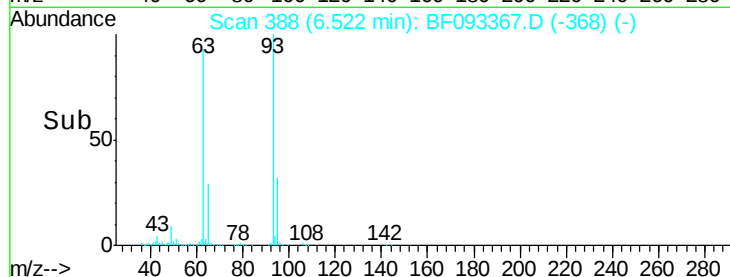
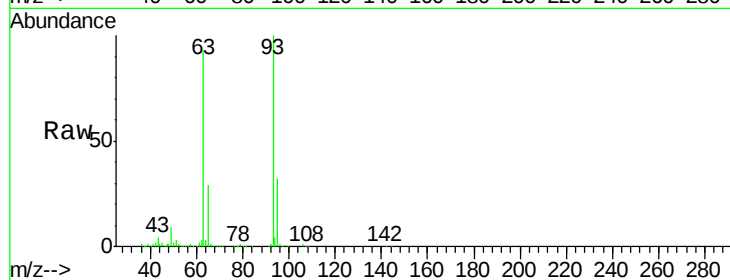
Tgt Ion: 93 Resp: 531293

Ion Ratio Lower Upper

93 100

63 92.9 60.4 100.4

95 32.4 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.14 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.07 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

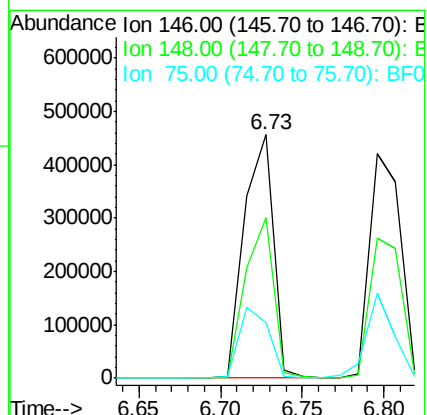
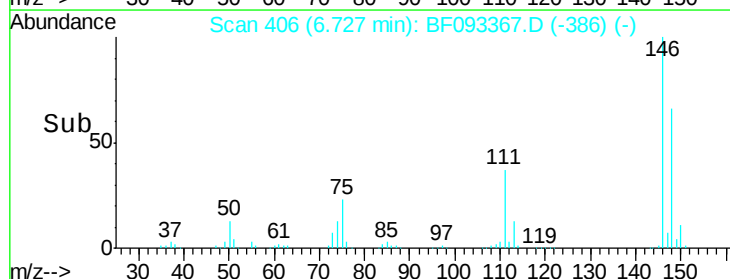
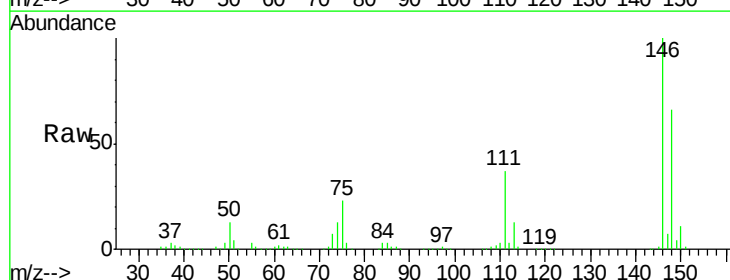
Tgt Ion: 146 Resp: 563047

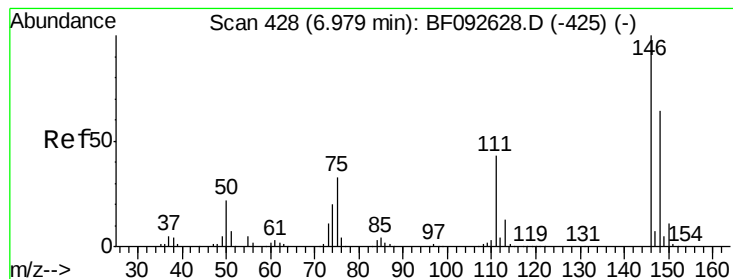
Ion Ratio Lower Upper

146 100

148 65.9 53.4 80.0

75 22.8 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 39.62 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.08 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

ClientSampleId :

PB97309BS

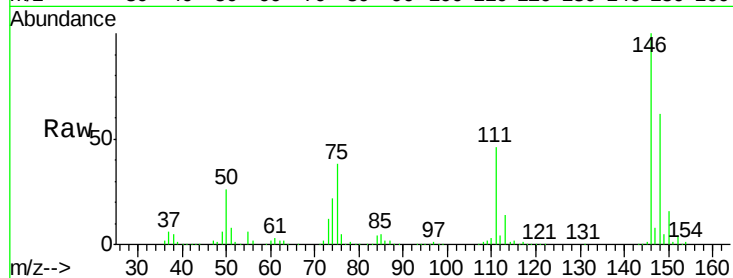
Tgt Ion:146 Resp: 562507

Ion Ratio Lower Upper

146 100

148 62.1 50.6 76.0

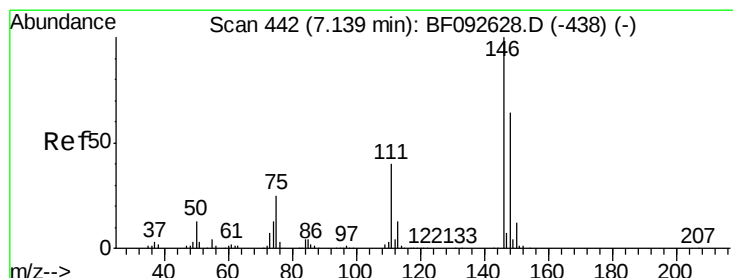
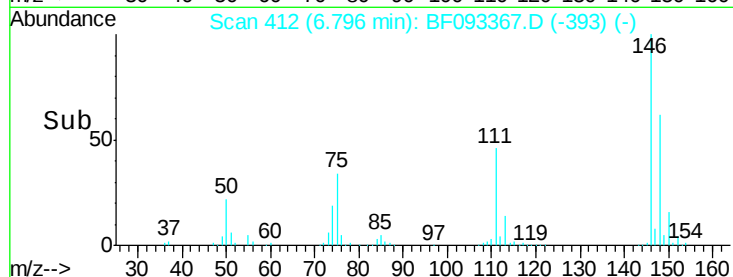
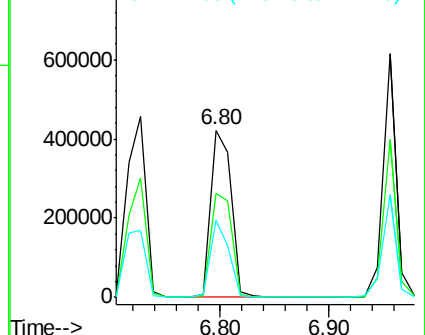
111 45.9 36.2 54.4



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: 38.49 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.07 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

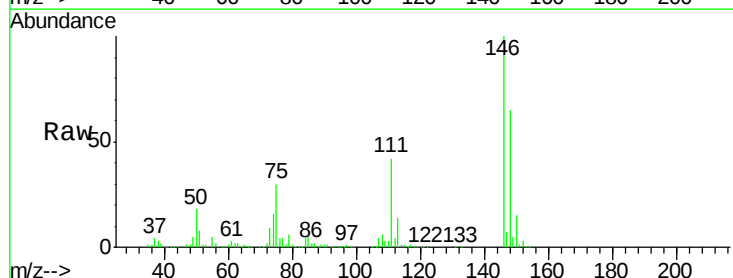
Tgt Ion:146 Resp: 522540

Ion Ratio Lower Upper

146 100

148 64.8 52.2 78.2

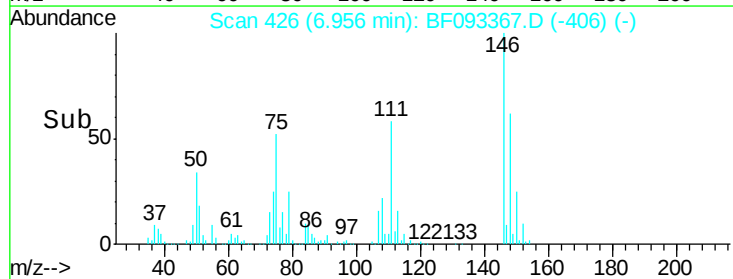
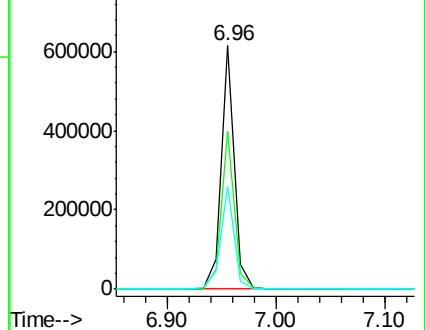
111 42.3 36.2 54.2

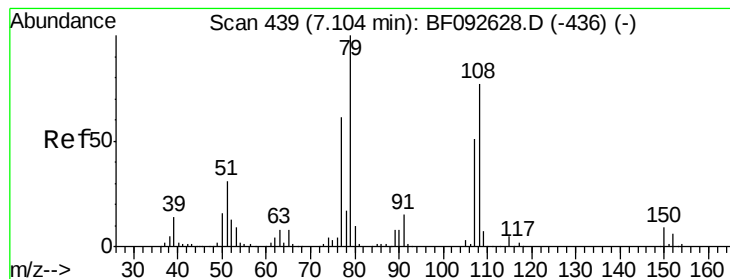


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.06 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

ClientSampleId :

PB97309BS

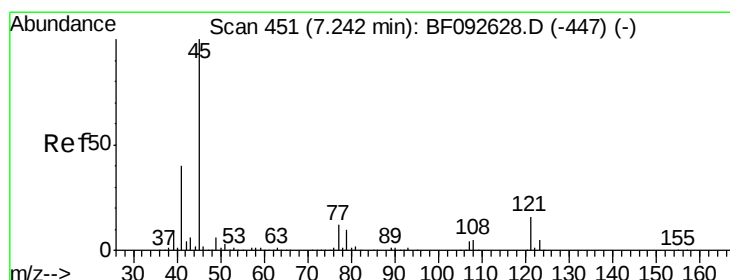
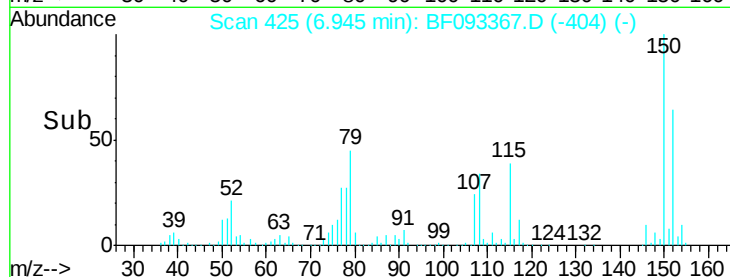
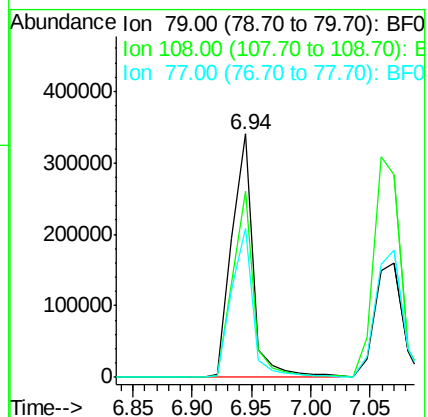
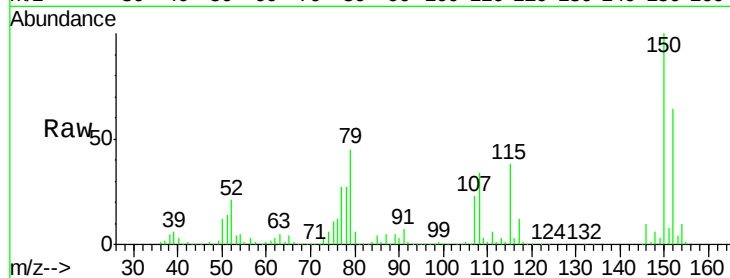
Tgt Ion: 79 Resp: 423955

Ion Ratio Lower Upper

79 100

108 76.5 61.4 92.0

77 61.3 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.49 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.07 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

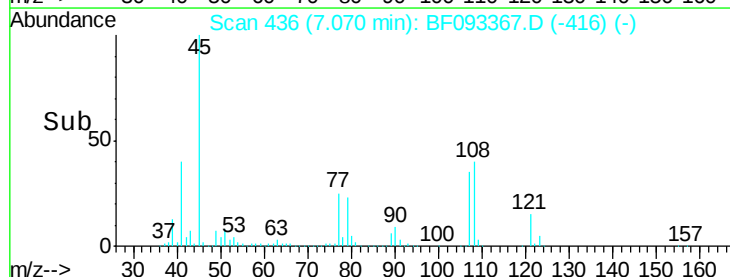
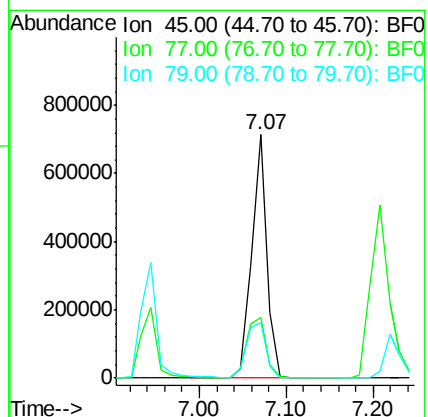
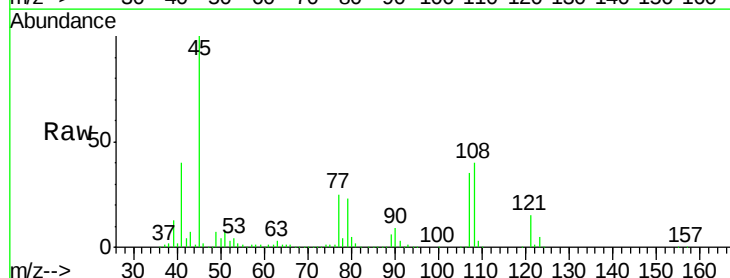
Tgt Ion: 45 Resp: 872120

Ion Ratio Lower Upper

45 100

77 25.0 0.0 34.6

79 22.5 0.0 31.2

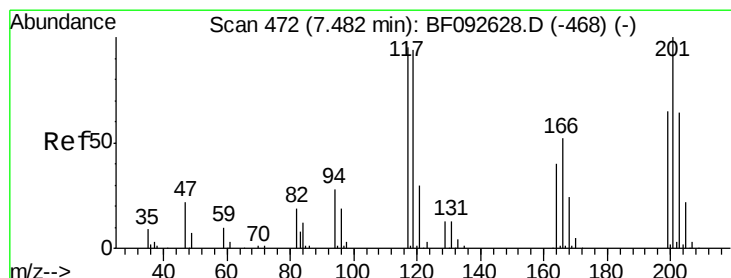
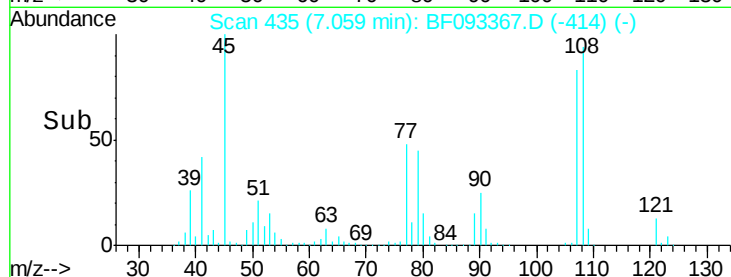
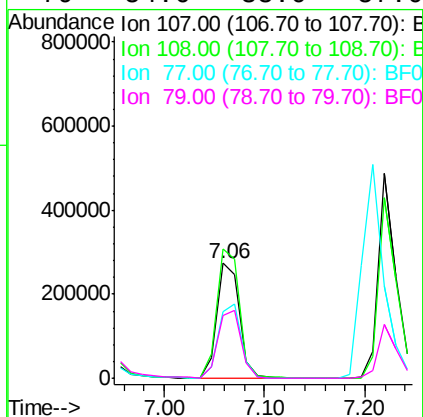
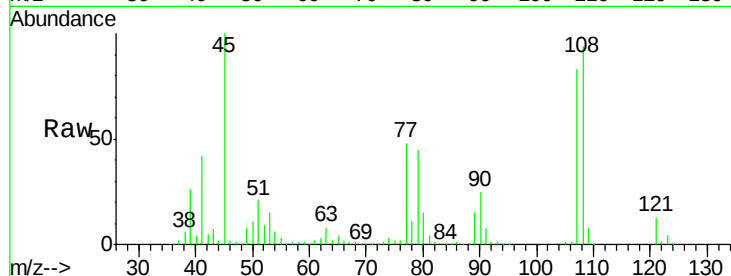




#17
2-Methylphenol
Concen: 41.05 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.06 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

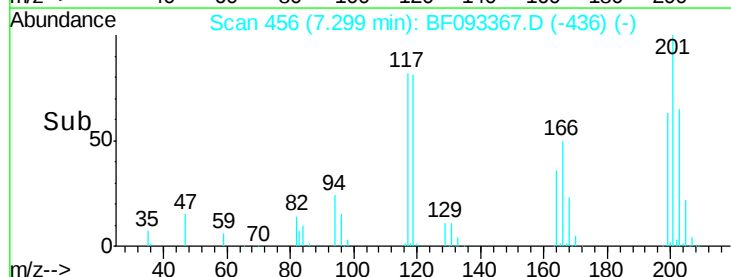
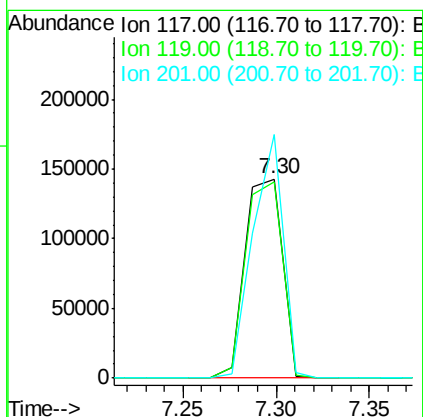
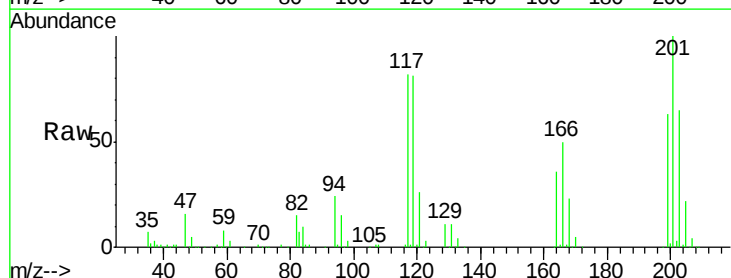
Instrument :
BNA_F
ClientSampleId :
PB97309BS

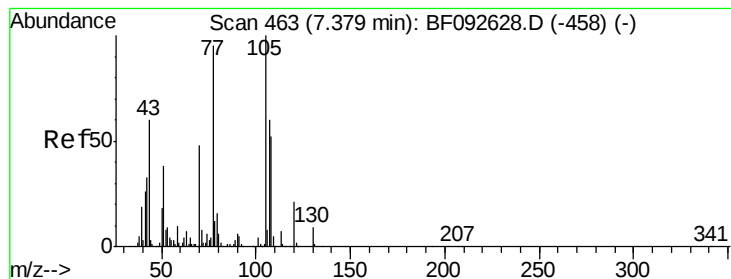
Tgt Ion:	107	Resp:	421699
Ion	Ratio	Lower	Upper
107	100		
108	112.8	93.0	139.6
77	57.8	39.8	59.8
79	54.6	38.0	57.0



#18
Hexachloroethane
Concen: 40.88 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.07 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion:	117	Resp:	198105
Ion	Ratio	Lower	Upper
117	100		
119	98.8	78.1	117.1
201	122.5	78.6	117.8#





#19

n-Nitroso-di-n-propylamine

Concen: 42.28 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.07 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

ClientSampleId :

PB97309BS

Tgt Ion: 70 Resp: 375903

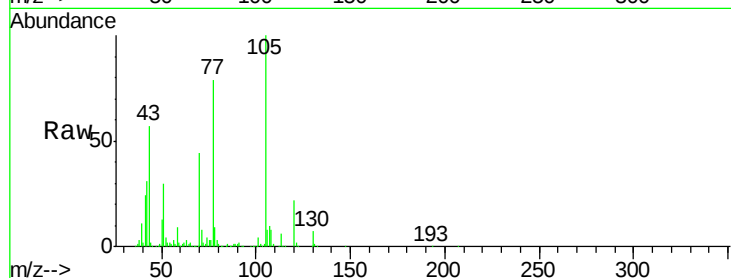
Ion Ratio Lower Upper

70 100

42 69.0 49.4 74.0

101 9.0 7.4 11.2

130 16.8 14.2 21.4

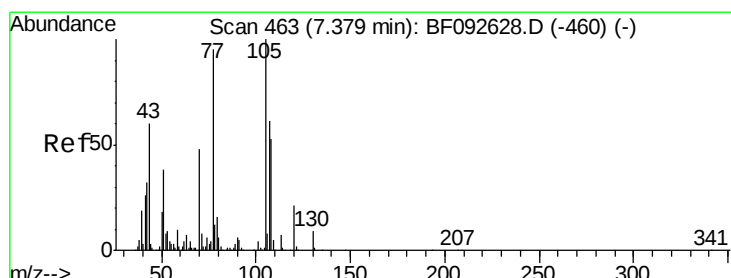
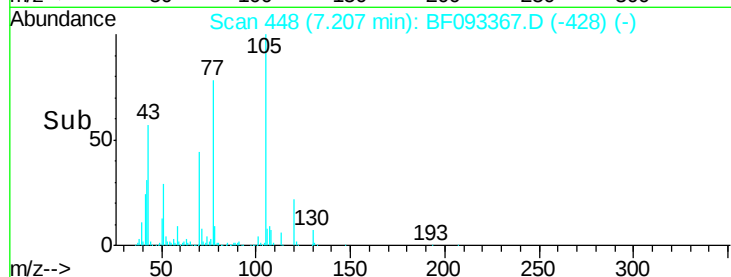
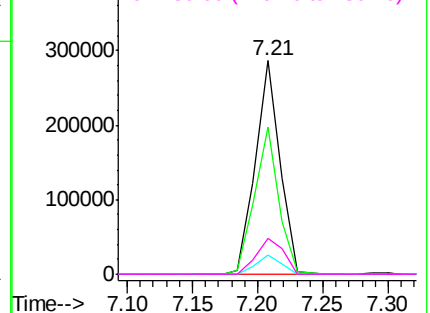


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 49.20 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.06 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Tgt Ion: 107 Resp: 604378

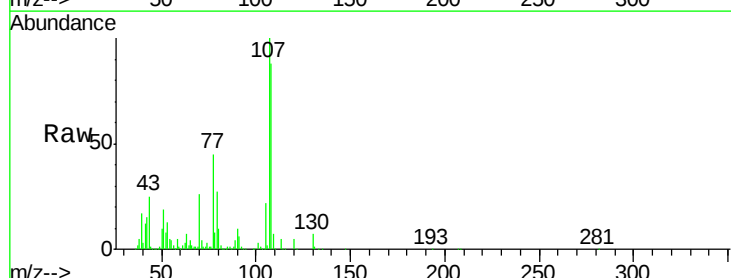
Ion Ratio Lower Upper

107 100

108 88.2 73.0 113.0

77 45.2 71.3 111.3#

79 26.6 11.1 51.1

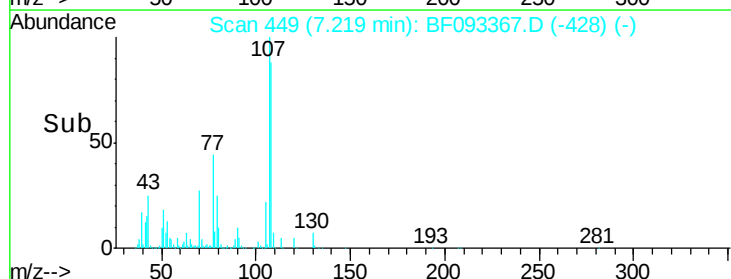
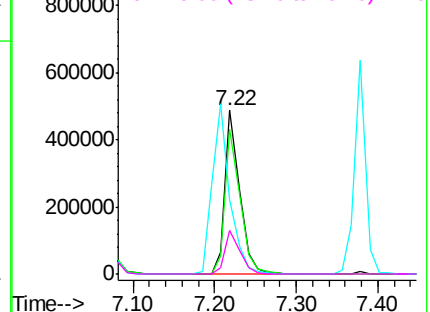


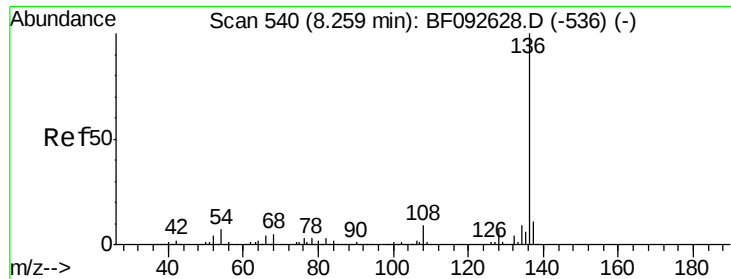
Abundance Ion 107.00 (106.70 to 107.70): E

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

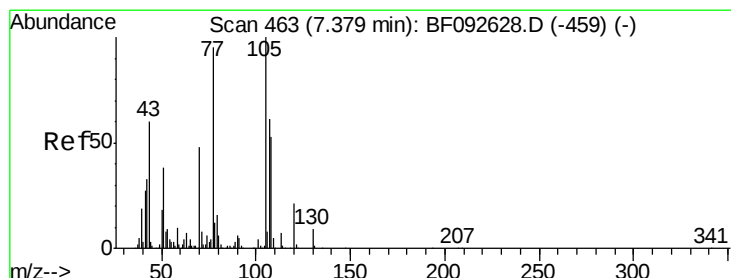
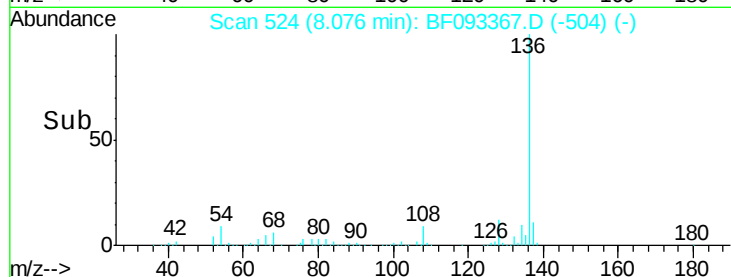
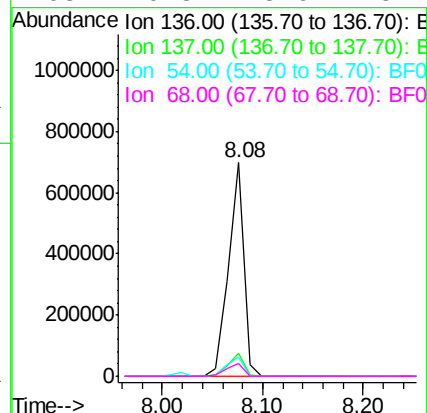
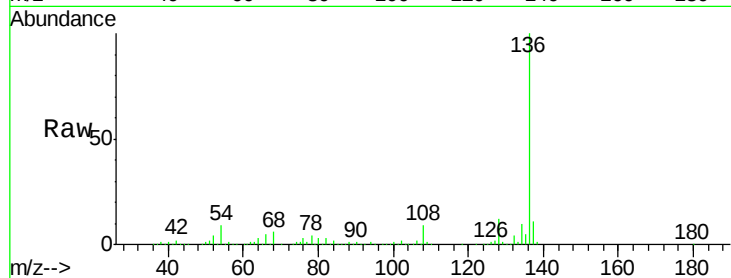




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.07 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

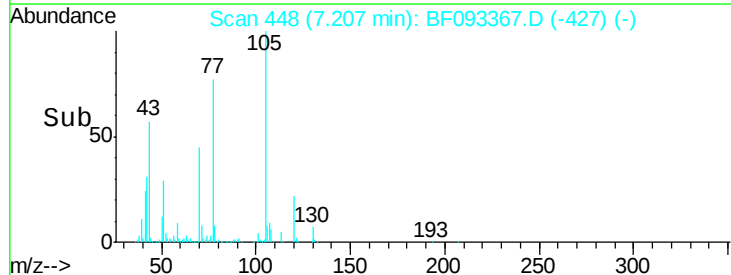
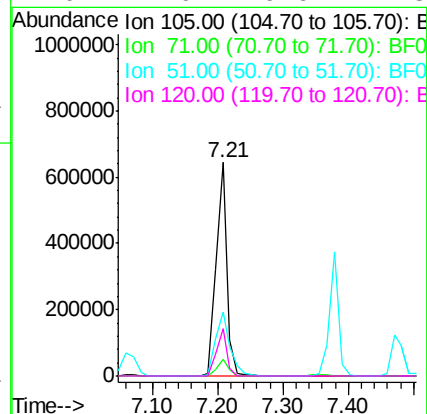
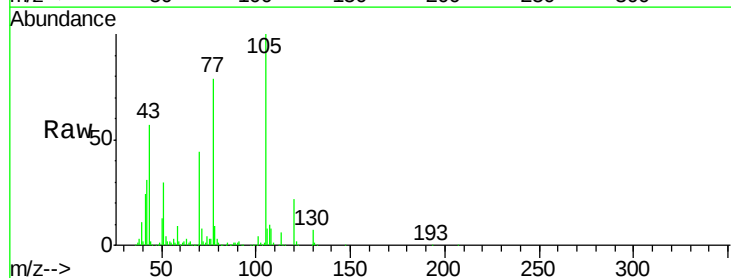
Instrument :
BNA_F
ClientSampleId :
PB97309BS

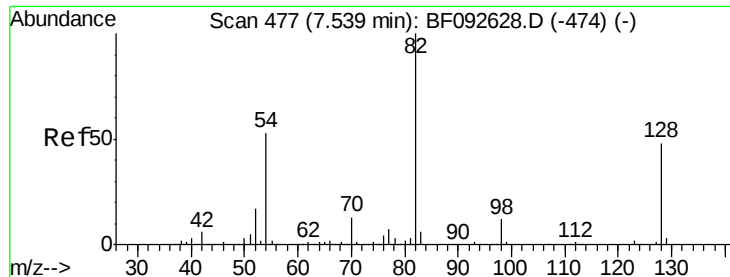
Tgt Ion:	136	Resp:	735173
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	8.9	4.5	6.7#
68	6.3	3.6	5.4#



#22
Acetophenone
Concen: 44.99 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.06 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion:	105	Resp:	755147
Ion	Ratio	Lower	Upper
105	100		
71	7.6	3.2	4.8#
51	30.0	26.2	39.4
120	21.9	16.6	24.8

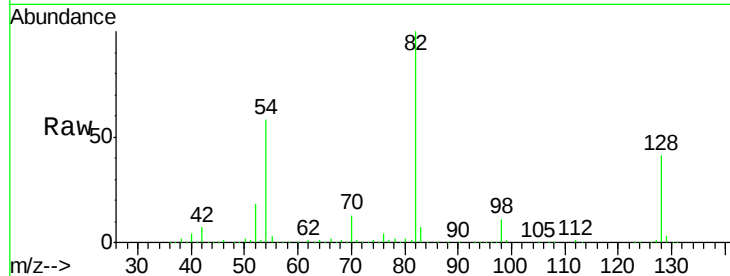




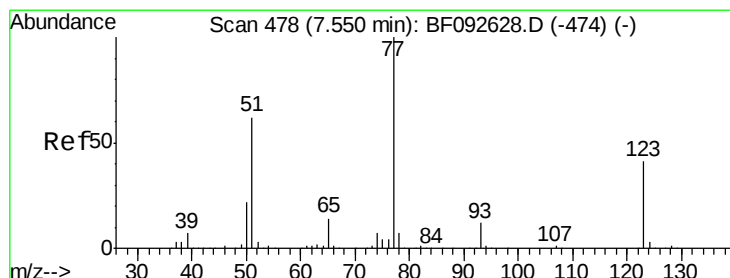
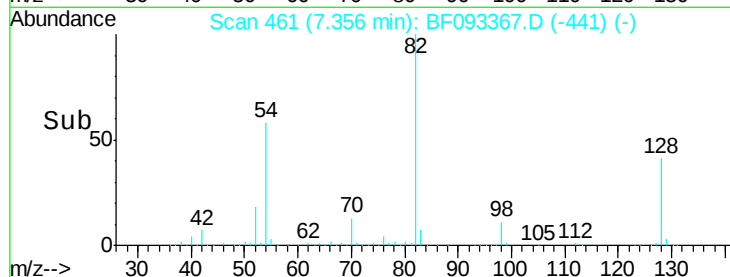
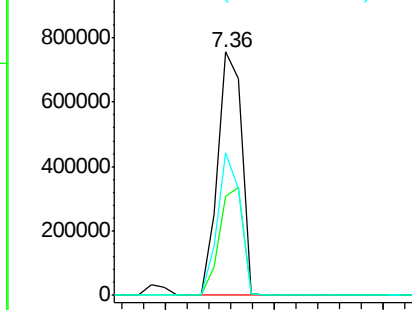
#23
 Nitrobenzene-d5
 Concen: 88.18 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.07 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB97309BS

Tgt Ion: 82 Resp: 1164173
 Ion Ratio Lower Upper
 82 100
 128 40.8 34.6 52.0
 54 58.4 39.5 59.3

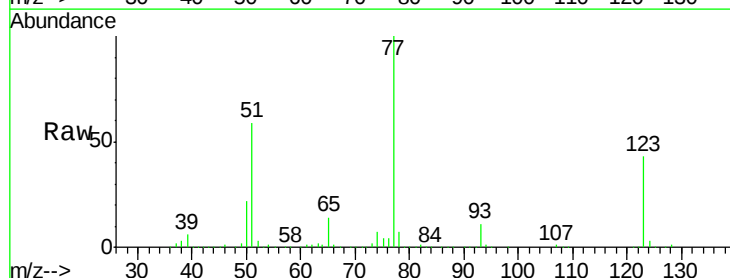


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

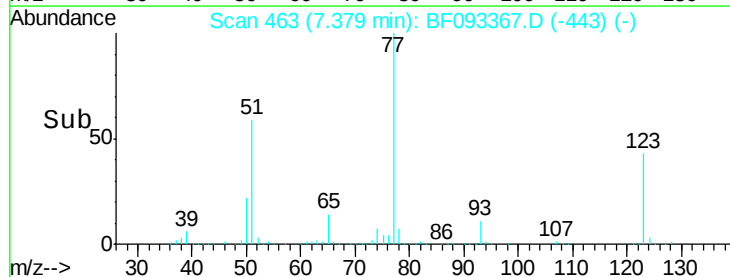
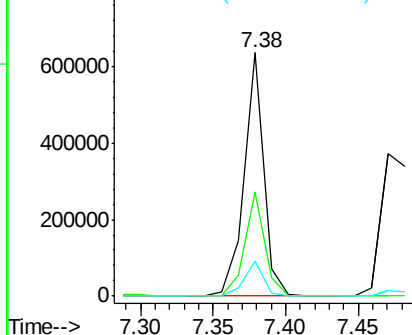


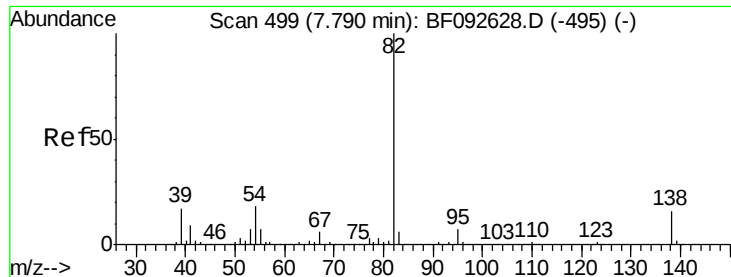
#24
 Nitrobenzene
 Concen: 44.03 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.07 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Tgt Ion: 77 Resp: 596843
 Ion Ratio Lower Upper
 77 100
 123 42.9 33.0 49.4
 65 14.1 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: 42.28 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.07 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

ClientSampleId :

PB97309BS

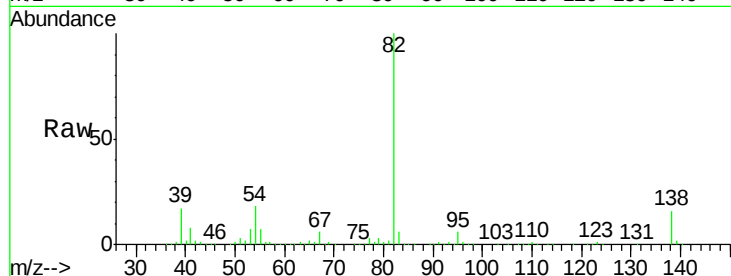
Tgt Ion: 82 Resp: 1040022

Ion Ratio Lower Upper

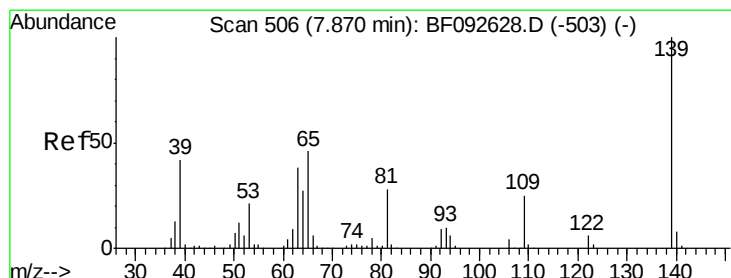
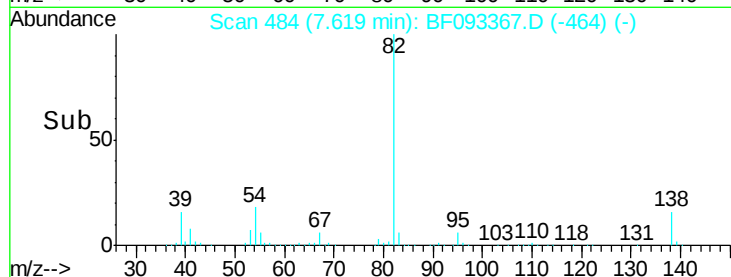
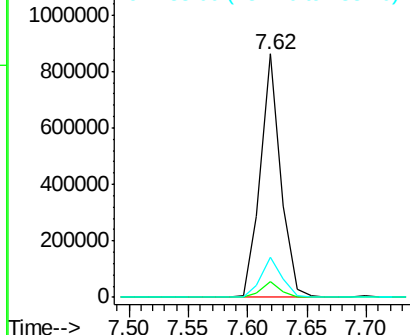
82 100

95 6.4 5.6 8.4

138 16.4 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.58 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.06 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

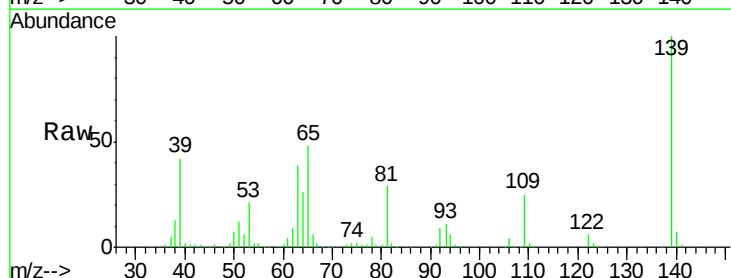
Tgt Ion: 139 Resp: 300156

Ion Ratio Lower Upper

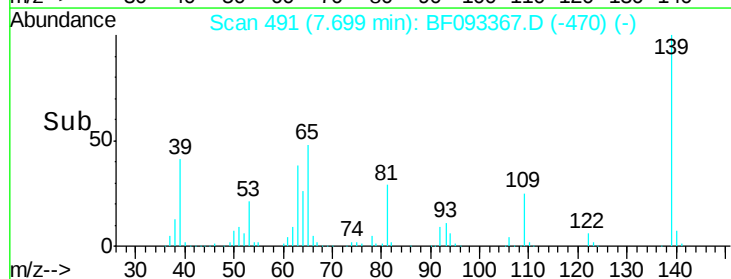
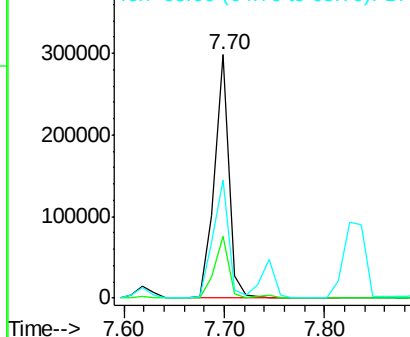
139 100

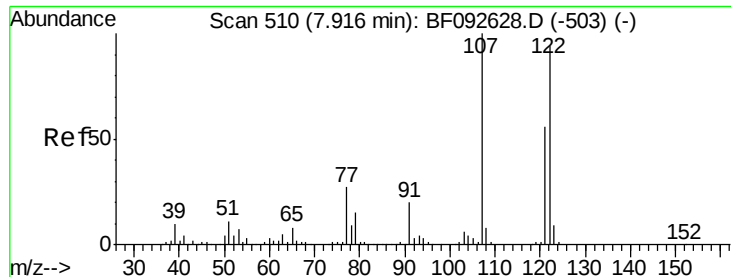
109 25.3 23.3 34.9

65 48.4 42.7 64.1



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0

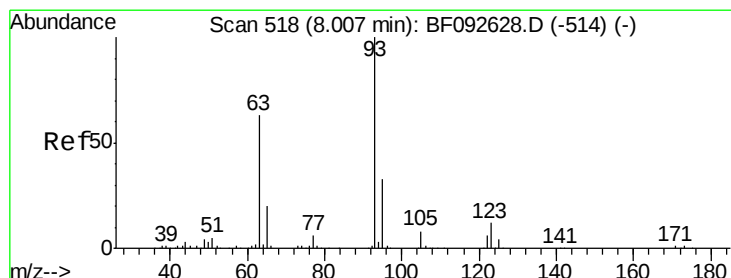
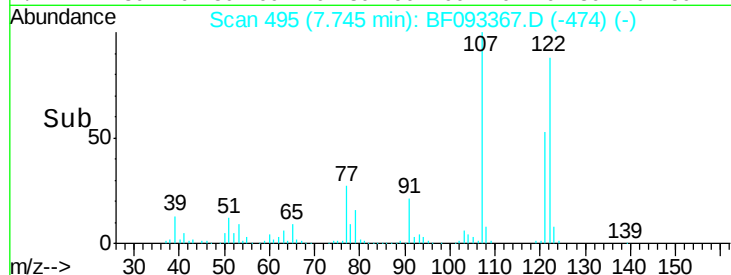
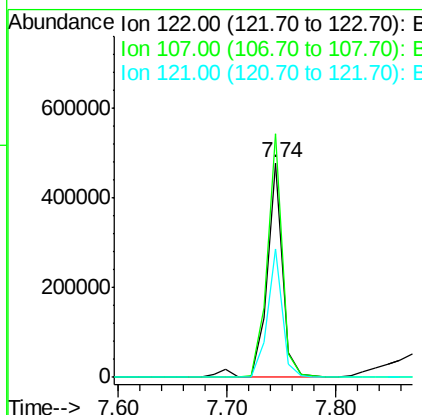
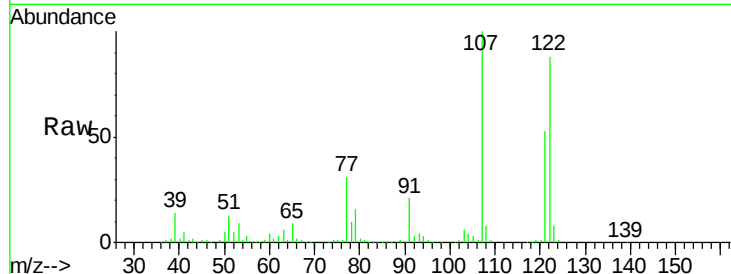




#27
 2,4-Dimethylphenol
 Concen: 42.84 ng
 RT: 7.74 min Scan# 495
 Delta R.T. -0.06 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

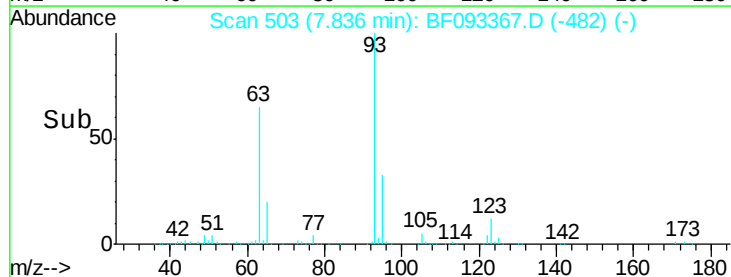
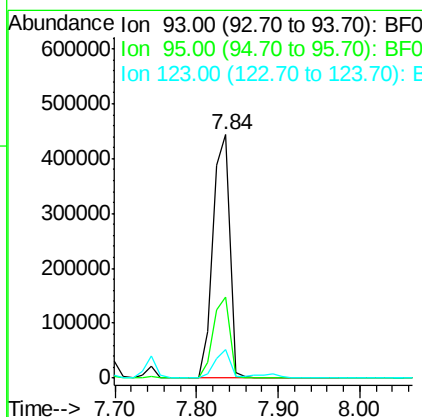
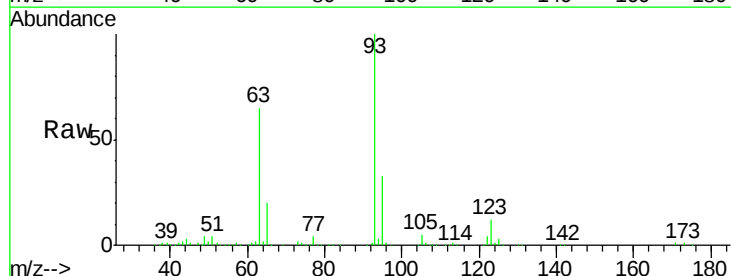
Instrument :
 BNA_F
 ClientSampleId :
 PB97309BS

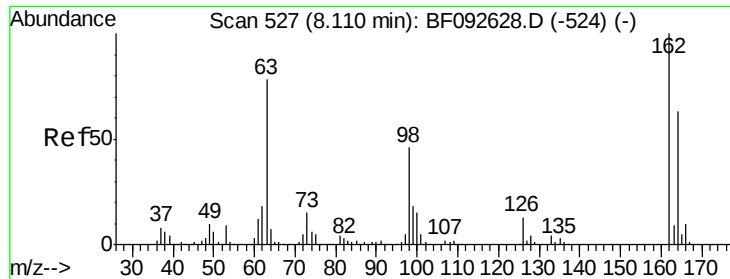
Tgt Ion:122 Resp: 484796
 Ion Ratio Lower Upper
 122 100
 107 113.5 94.1 141.1
 121 60.0 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.36 ng
 RT: 7.84 min Scan# 503
 Delta R.T. -0.06 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Tgt Ion: 93 Resp: 641259
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.5 39.7
 123 11.6 8.6 13.0

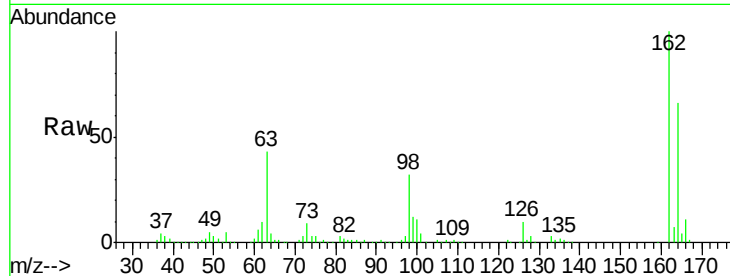




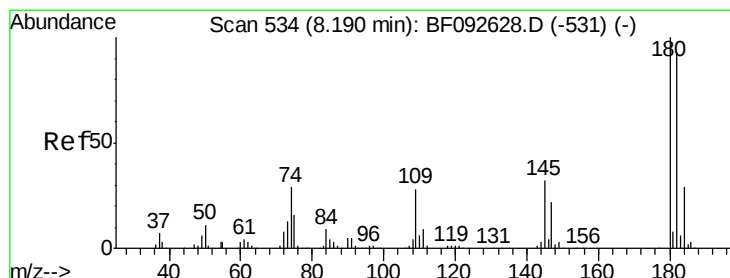
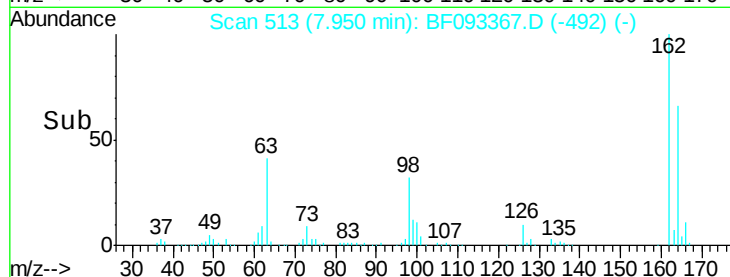
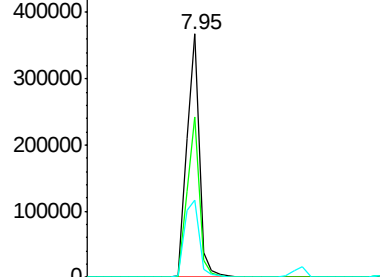
#29
 2,4-Dichlorophenol
 Concen: 41.51 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.06 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB97309BS

Tgt Ion:162 Resp: 438100
 Ion Ratio Lower Upper
 162 100
 164 65.7 46.8 86.8
 98 32.0 9.1 49.1

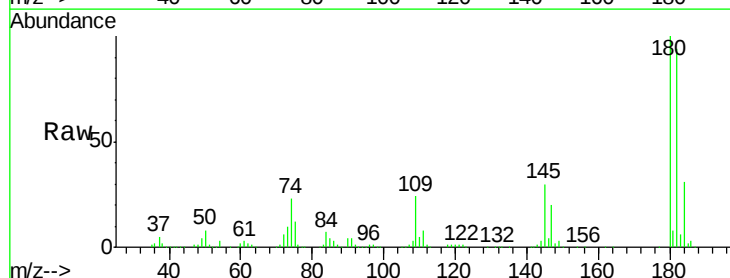


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

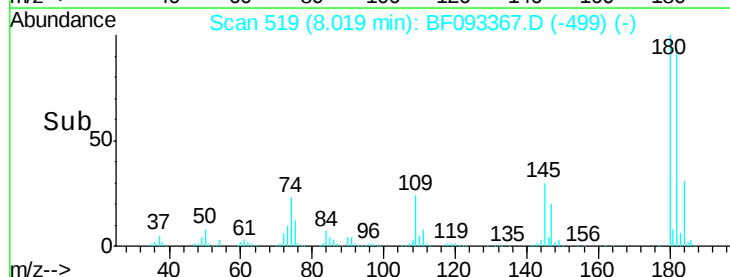
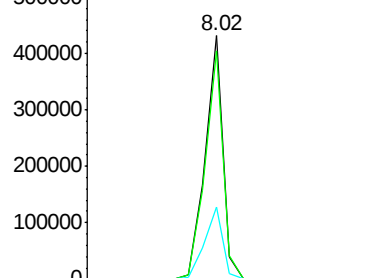


#30
 1,2,4-Trichlorobenzene
 Concen: 39.12 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.07 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Tgt Ion:180 Resp: 445006
 Ion Ratio Lower Upper
 180 100
 182 93.8 78.2 117.4
 145 29.8 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: 38.95 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.07 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

ClientSampleId :

PB97309BS

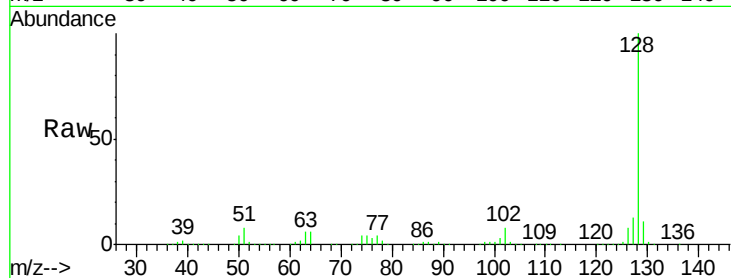
Tgt Ion:128 Resp: 1451676

Ion Ratio Lower Upper

128 100

129 11.0 9.5 14.3

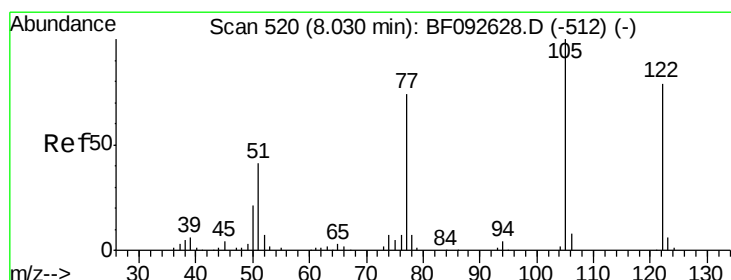
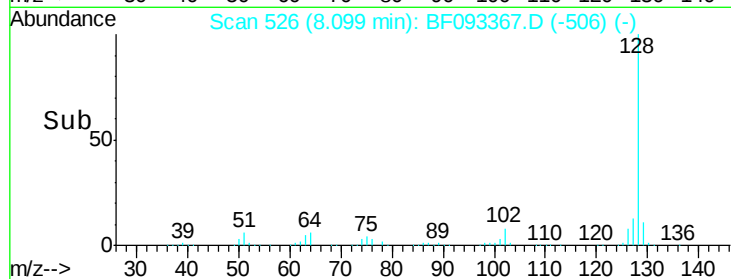
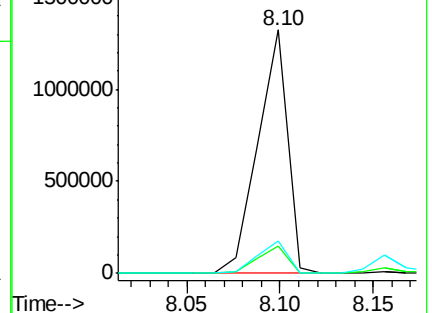
127 13.4 10.8 16.2



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: 40.12 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.03 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

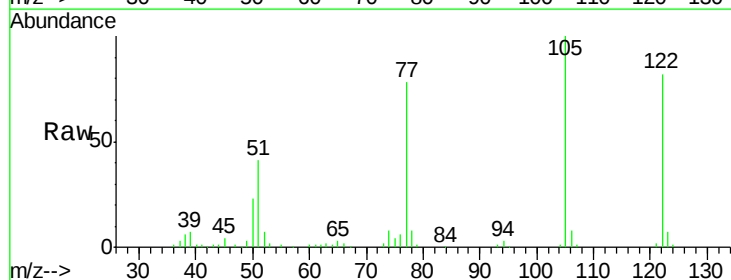
Tgt Ion:122 Resp: 248394

Ion Ratio Lower Upper

122 100

105 122.3 107.2 147.2

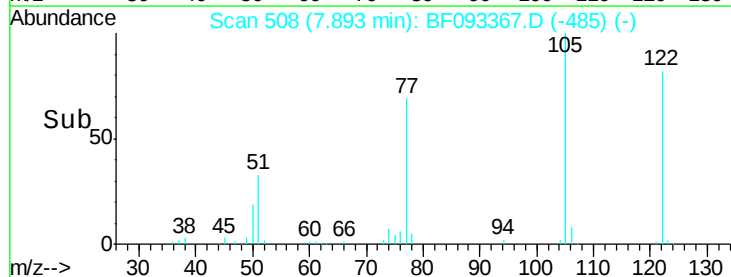
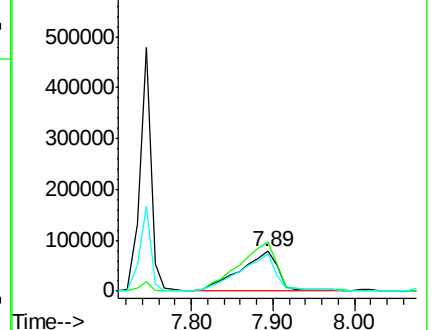
77 95.0 74.5 114.5



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

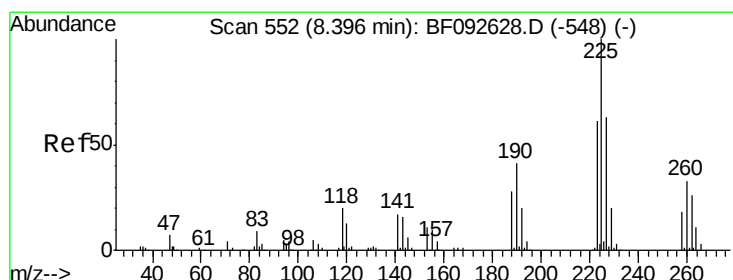
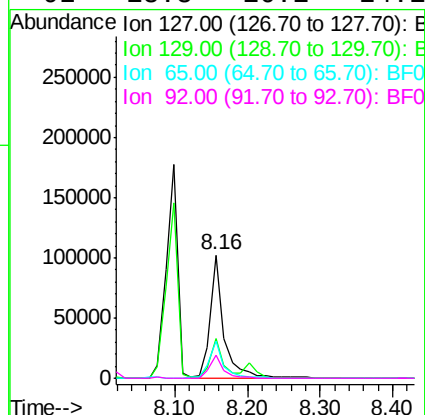
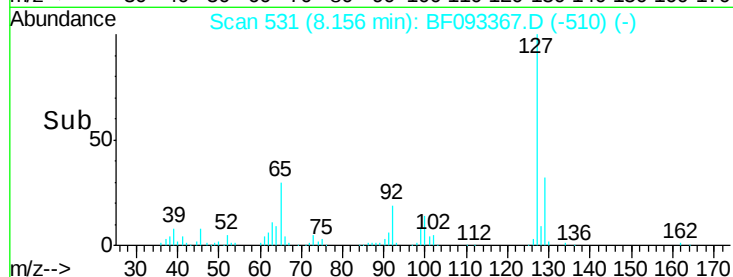
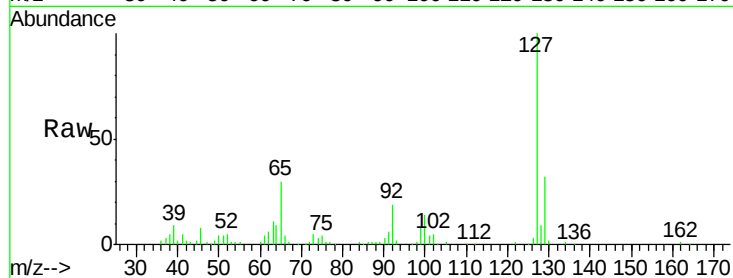




#33
4-Chloroaniline
Concen: 9.34 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.06 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

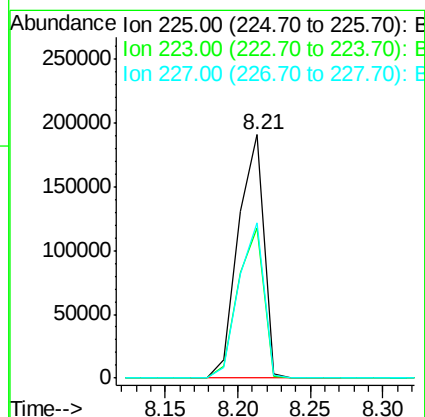
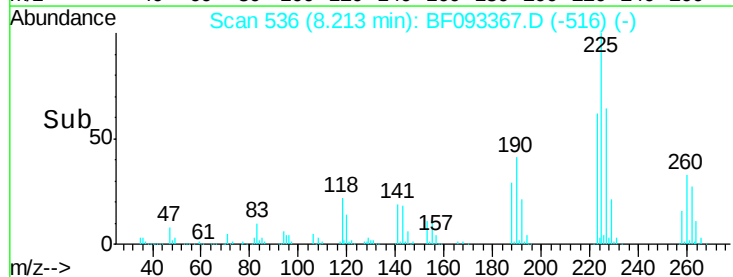
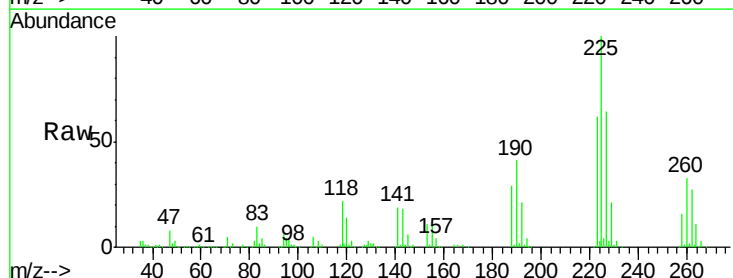
Instrument :
BNA_F
ClientSampleId :
PB97309BS

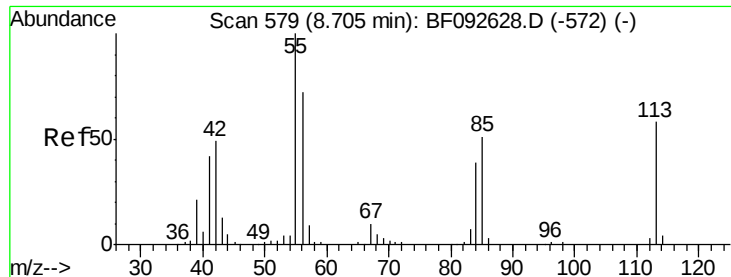
Tgt Ion:	127	Resp:	136534
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	30.3	25.8	38.8
92	18.8	16.1	24.1



#34
Hexachlorobutadiene
Concen: 37.30 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.07 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion:	225	Resp:	233426
Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.0	76.6
227	63.6	50.6	76.0

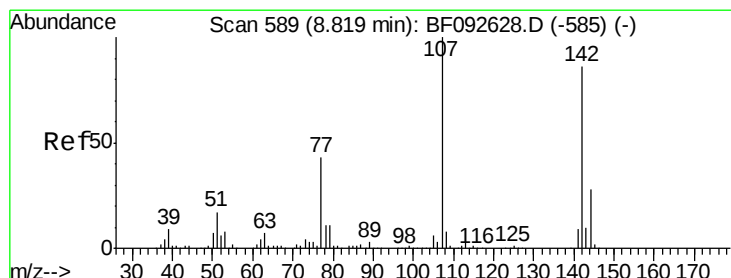
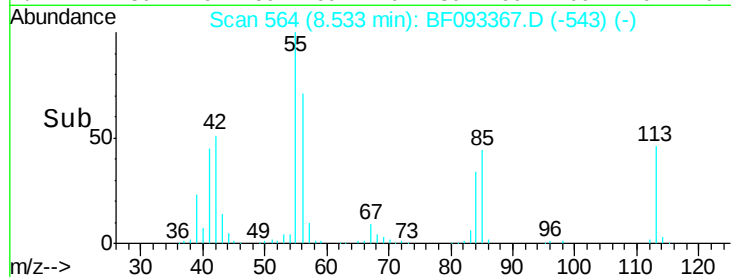
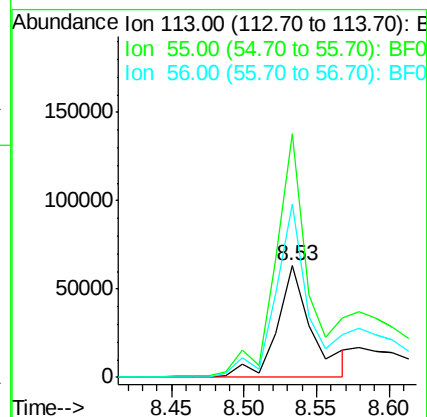
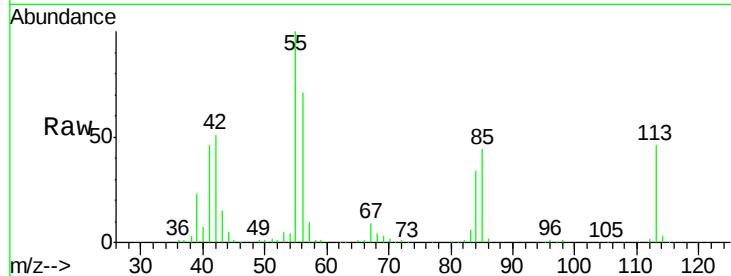




#35
 Caprolactam
 Concen: 31.66 ng
 RT: 8.53 min Scan# 564
 Delta R.T. -0.06 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

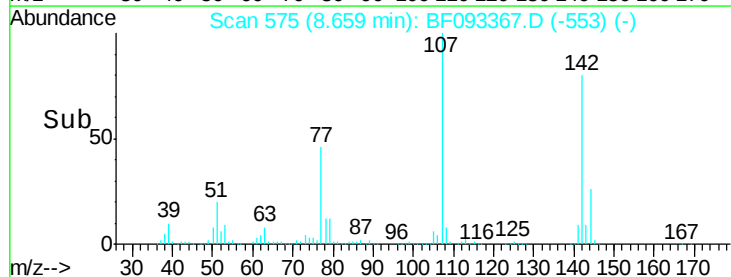
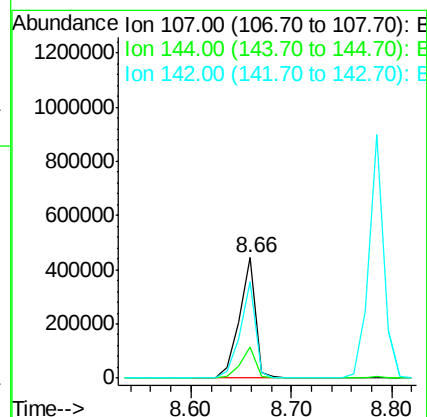
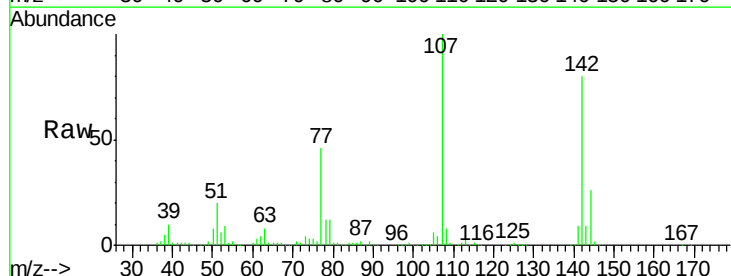
Instrument :
 BNA_F
 ClientSampleId :
 PB97309BS

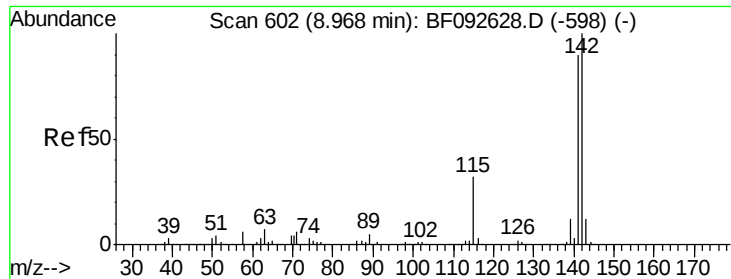
Tgt Ion:113 Resp: 105099
 Ion Ratio Lower Upper
 113 100
 55 218.2 119.2 159.2#
 56 155.3 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 44.90 ng
 RT: 8.66 min Scan# 575
 Delta R.T. -0.05 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Tgt Ion:107 Resp: 494050
 Ion Ratio Lower Upper
 107 100
 144 25.7 19.3 28.9
 142 80.0 59.0 88.6

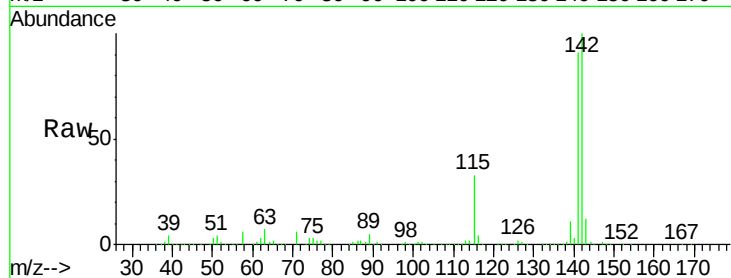




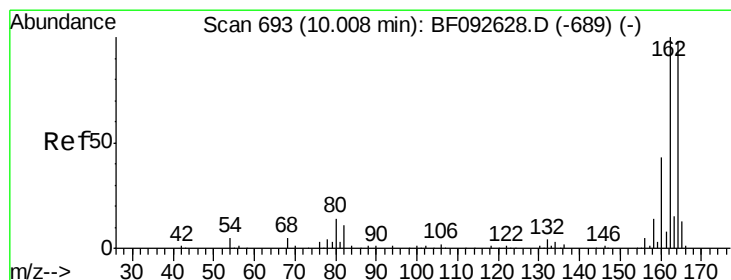
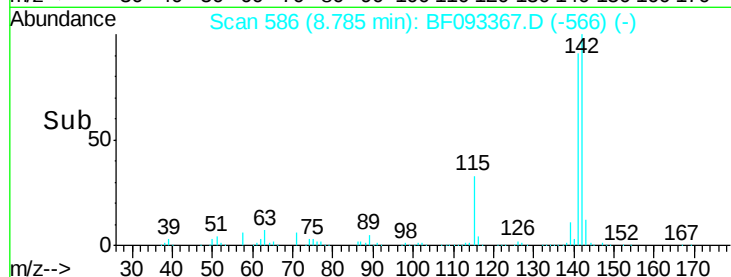
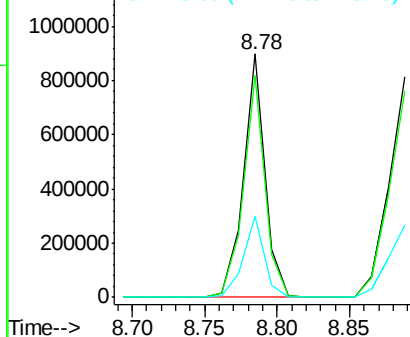
#37
2-Methylnaphthalene
Concen: 38.54 ng
RT: 8.78 min Scan# 586
Delta R.T. -0.07 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Instrument :
BNA_F
ClientSampleId :
PB97309BS

Tgt Ion:142 Resp: 922165
Ion Ratio Lower Upper
142 100
141 91.0 71.0 106.6
115 33.1 28.3 42.5

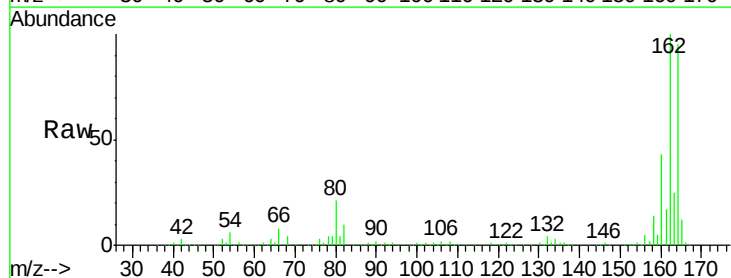


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

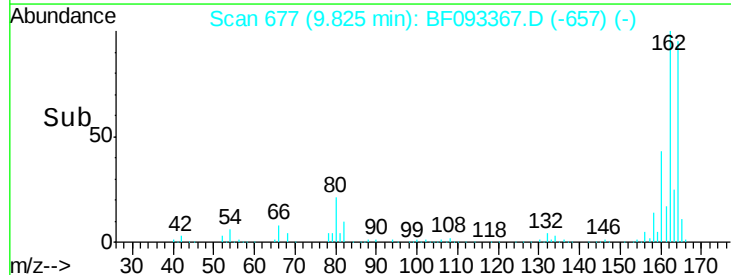
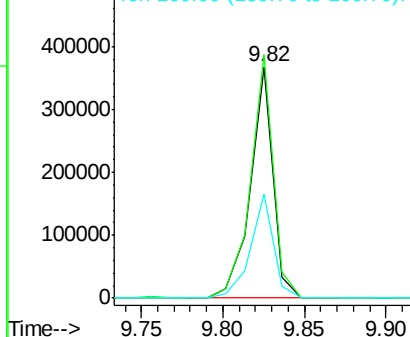


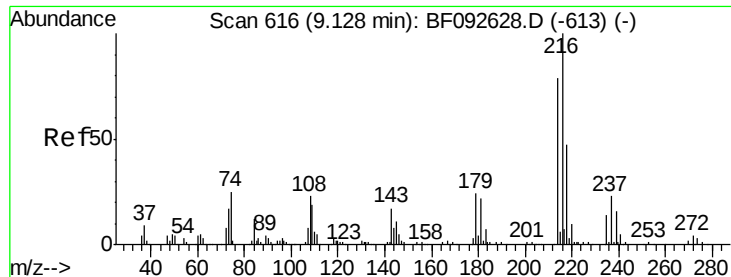
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.07 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion:164 Resp: 352193
Ion Ratio Lower Upper
164 100
162 105.4 80.2 120.2
160 45.1 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

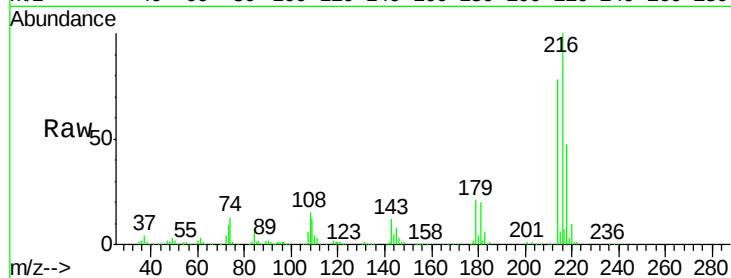




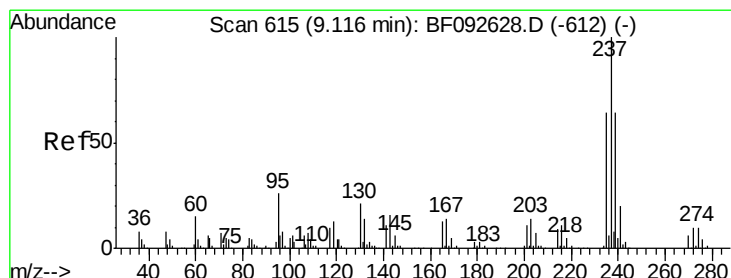
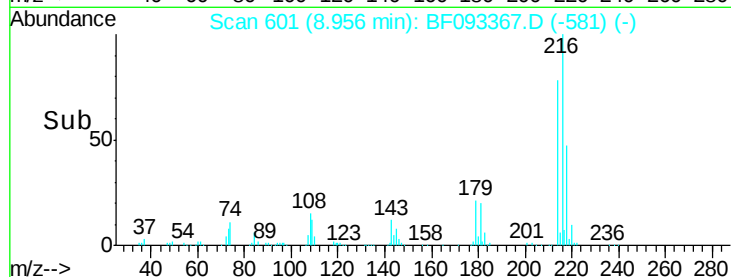
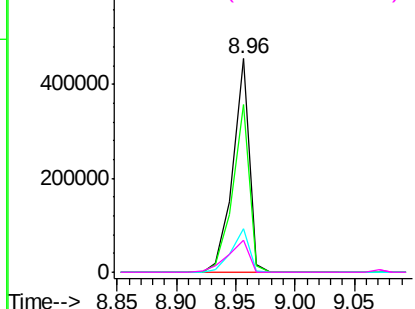
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.70 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.07 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB97309BS

Tgt Ion:	216	Resp:	441884
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.4	95.0
179	21.6	17.4	26.2
108	19.4	15.6	23.4

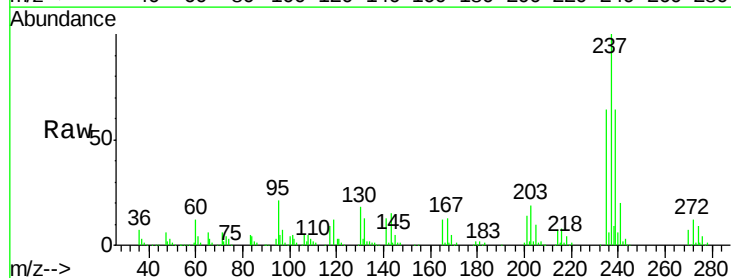


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

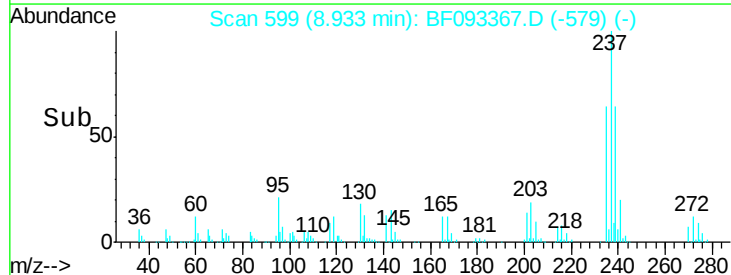
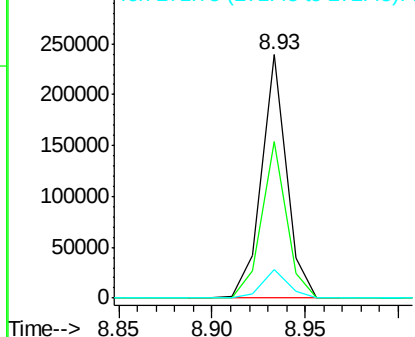


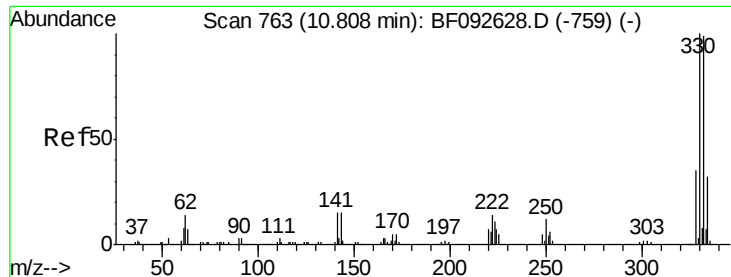
#40
 Hexachlorocyclopentadiene
 Concen: 49.64 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.07 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Tgt Ion:	237	Resp:	221428
Ion	Ratio	Lower	Upper
237	100		
235	64.1	41.2	81.2
272	11.8	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

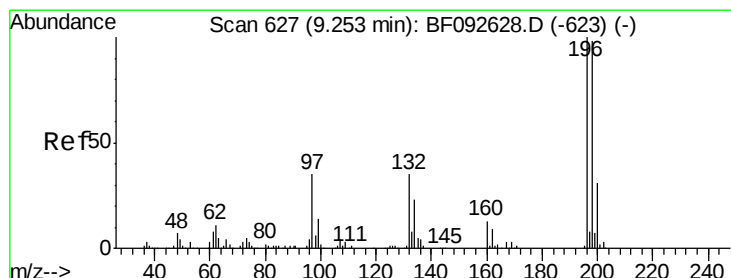
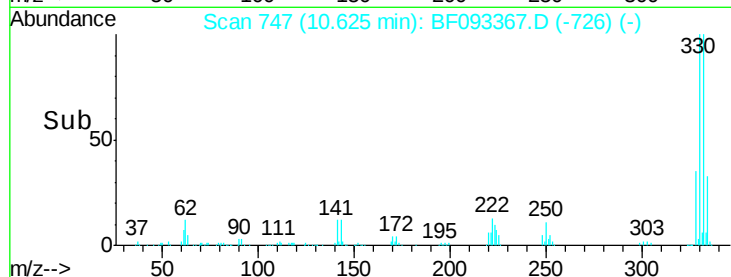
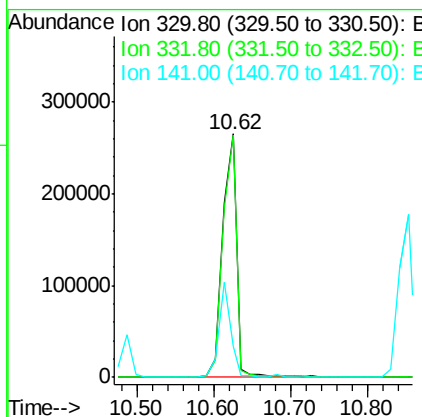
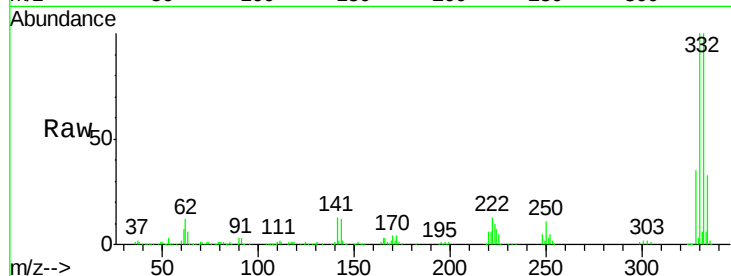




#41
 2,4,6-Tribromophenol
 Concen: 135.27 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.06 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

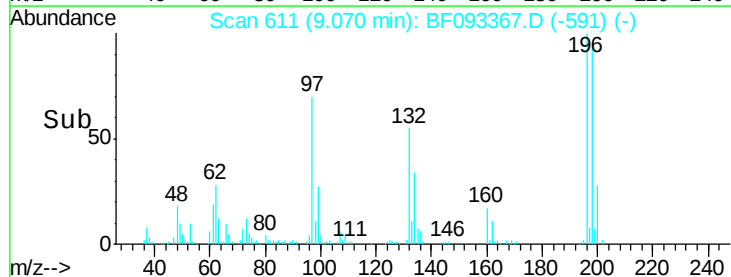
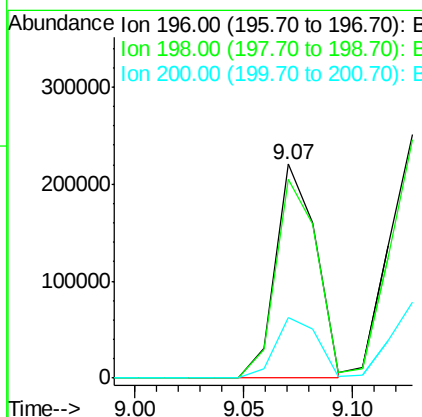
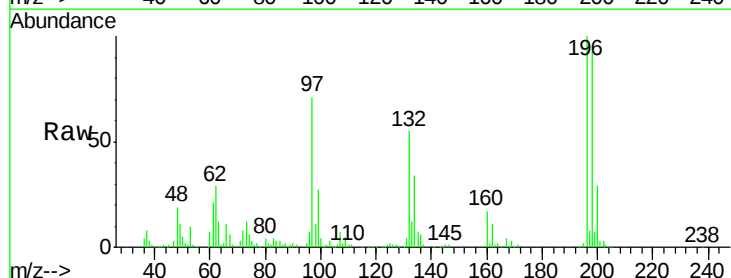
Instrument :
 BNA_F
 ClientSampleId :
 PB97309BS

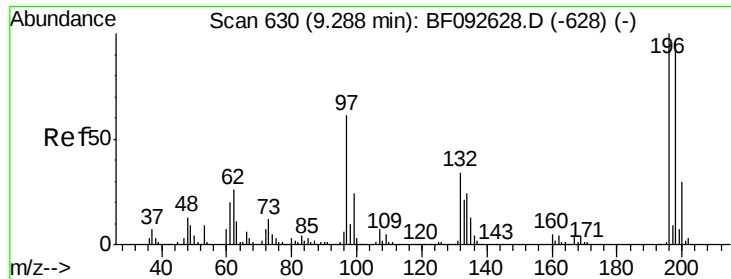
Tgt Ion:330 Resp: 344569
 Ion Ratio Lower Upper
 330 100
 332 99.2 77.4 116.2
 141 32.6 34.1 51.1#



#42
 2,4,6-Trichlorophenol
 Concen: 44.09 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.07 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Tgt Ion:196 Resp: 286409
 Ion Ratio Lower Upper
 196 100
 198 93.0 82.1 123.1
 200 28.5 27.0 40.4

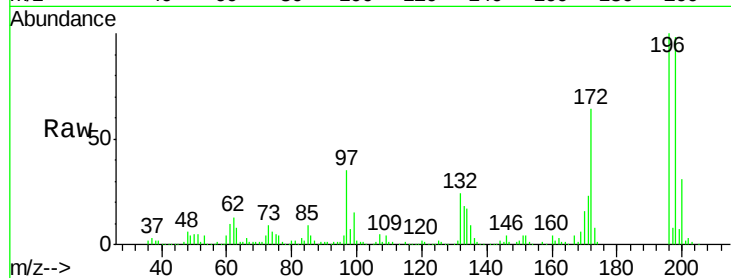




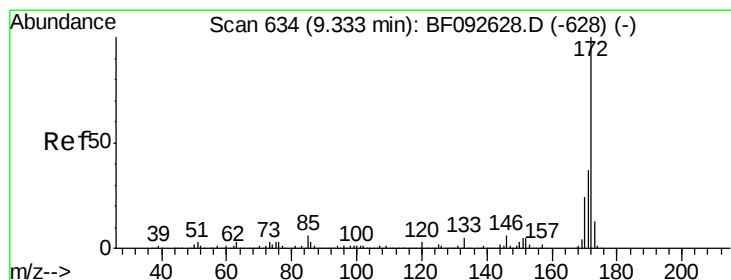
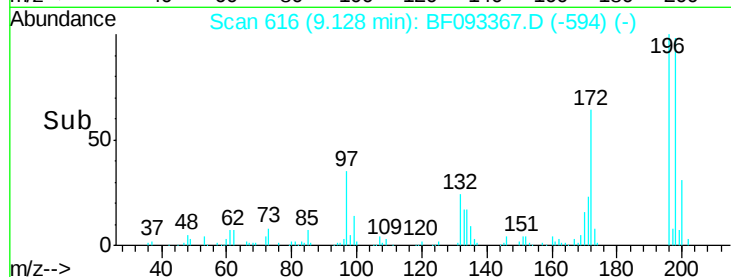
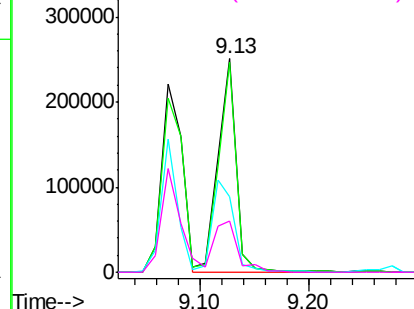
#43
 2,4,5-Trichlorophenol
 Concen: 41.28 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB97309BS

Tgt Ion:196 Resp: 293822
 Ion Ratio Lower Upper
 196 100
 198 98.3 79.4 119.2
 97 35.4 51.5 77.3#
 132 24.3 27.4 41.2#

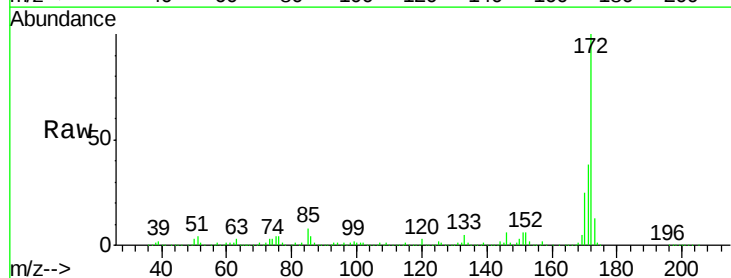


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

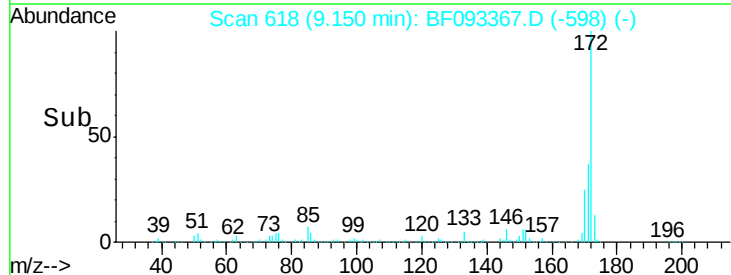
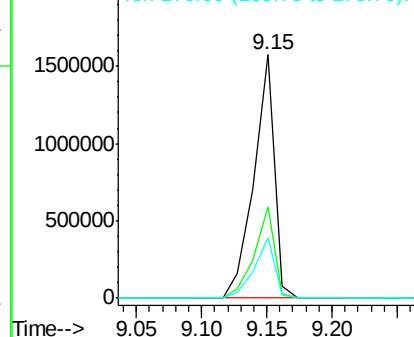


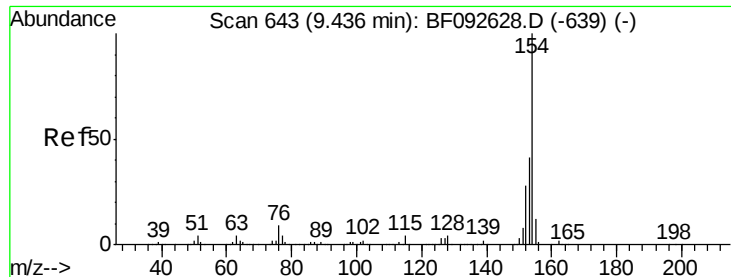
#44
 2-Fluorobiphenyl
 Concen: 89.04 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Tgt Ion:172 Resp: 1731018
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.4 44.0
 170 24.8 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

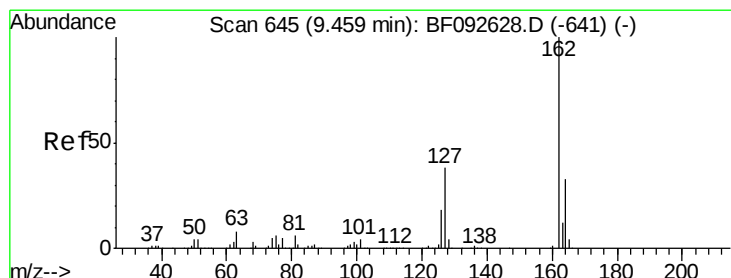
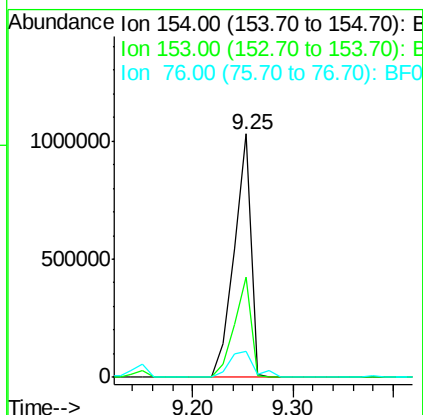
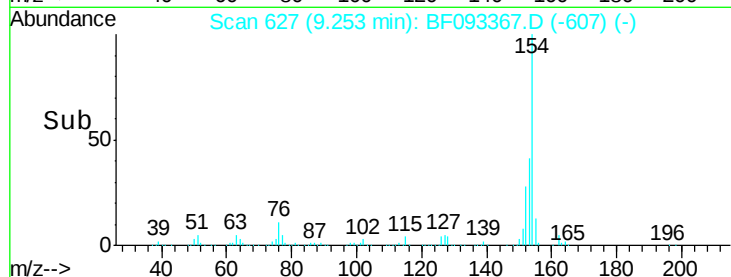
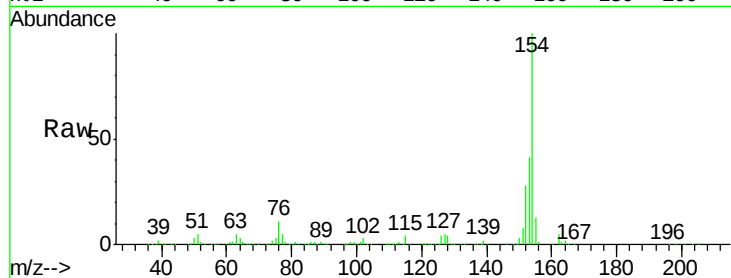




#45
 1,1'-Biphenyl
 Concen: 46.54 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.07 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

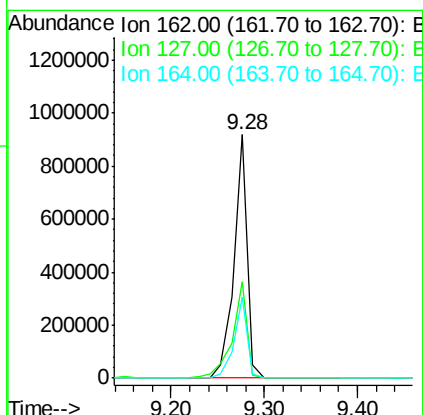
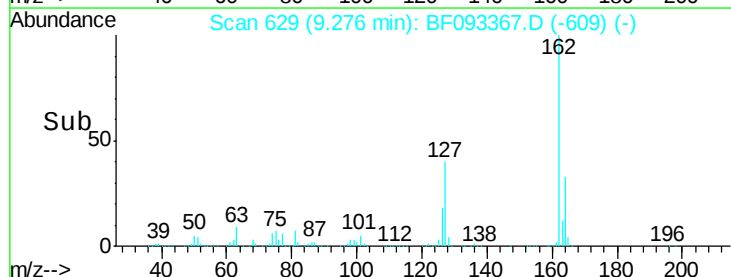
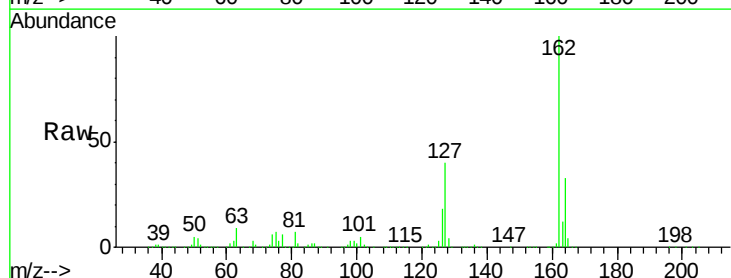
Instrument :
 BNA_F
 ClientSampleId :
 PB97309BS

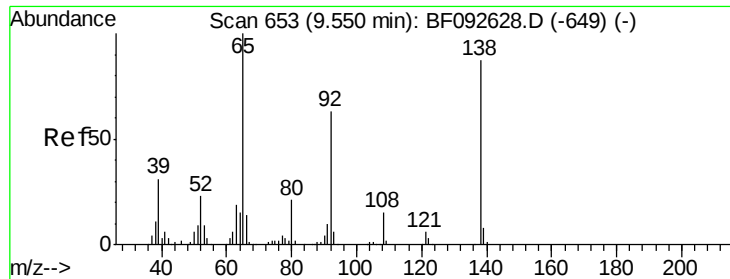
Tgt Ion:154 Resp: 1186994
 Ion Ratio Lower Upper
 154 100
 153 41.4 20.9 60.9
 76 10.9 0.0 30.5



#46
 2-Chloronaphthalene
 Concen: 45.88 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.07 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Tgt Ion:162 Resp: 915237
 Ion Ratio Lower Upper
 162 100
 127 39.6 30.7 46.1
 164 33.3 27.6 41.4

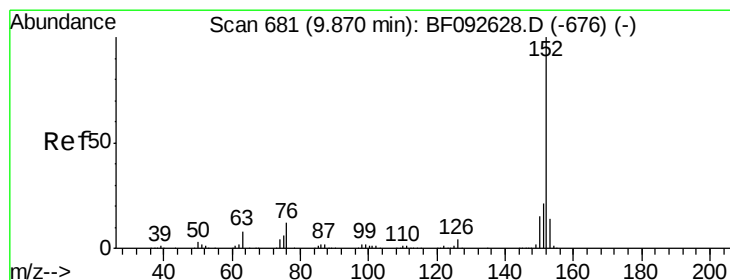
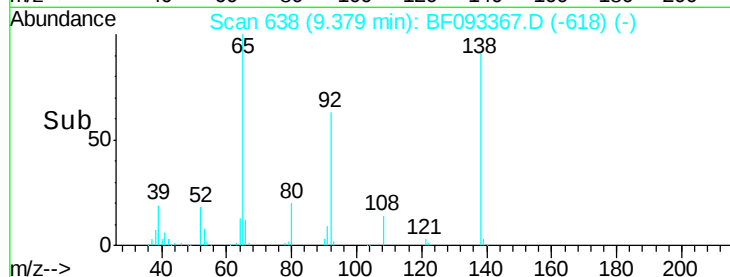
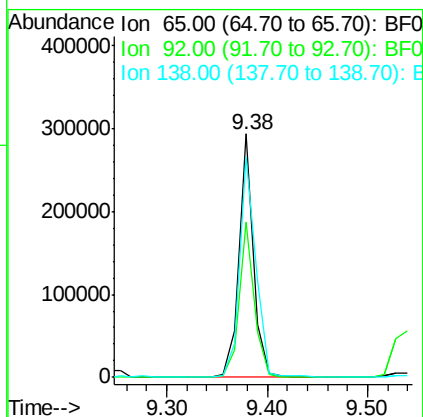
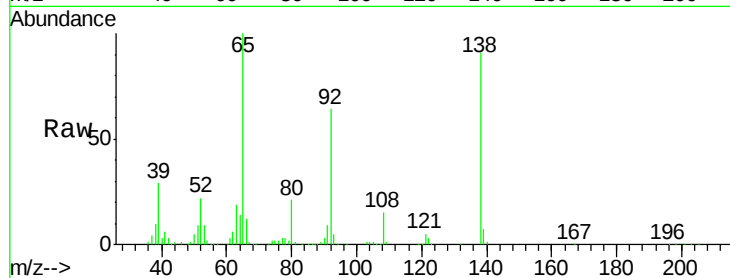




#47
2-Nitroaniline
Concen: 43.66 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.07 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

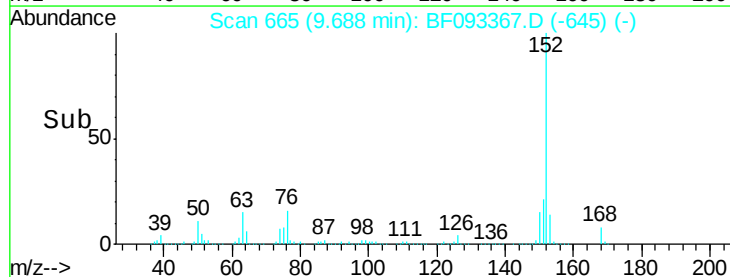
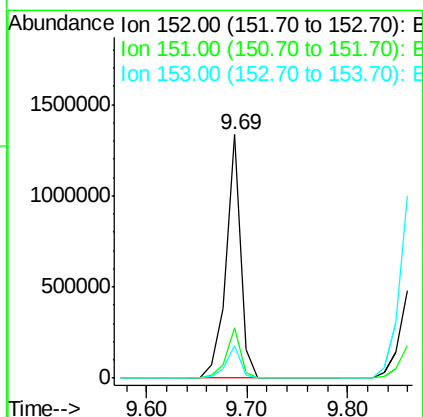
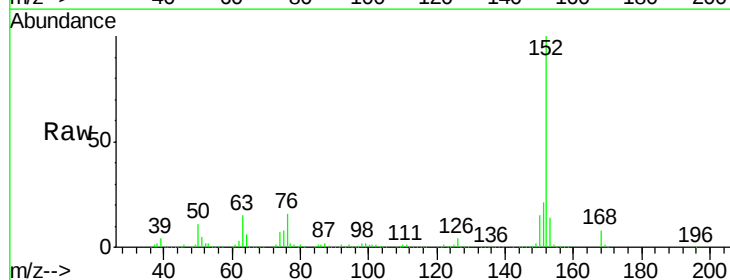
Instrument :
BNA_F
ClientSampleId :
PB97309BS

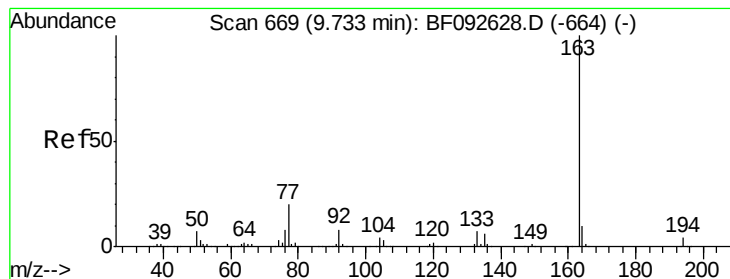
Tgt Ion: 65 Resp: 292860
Ion Ratio Lower Upper
65 100
92 63.8 53.9 80.9
138 90.5 76.8 115.2



#48
Acenaphthylene
Concen: 38.88 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.07 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion: 152 Resp: 1339810
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 13.5 11.4 17.2





#49

Dimethylphthalate

Concen: 46.74 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.07 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

ClientSampleId :

PB97309BS

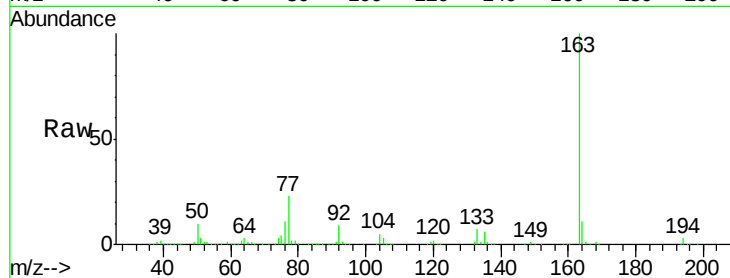
Tgt Ion:163 Resp: 1108706

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

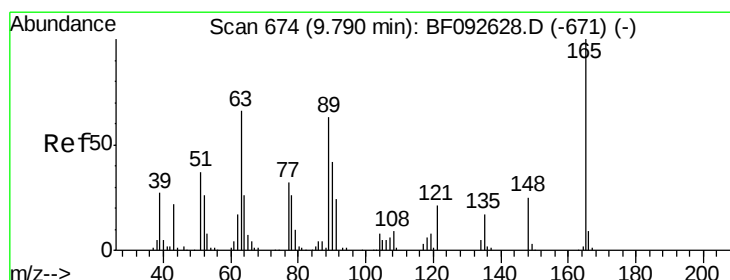
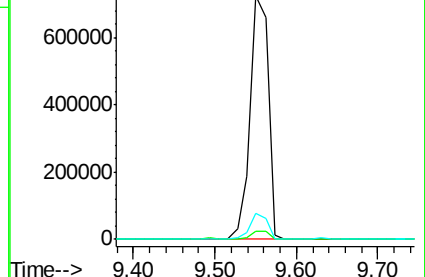
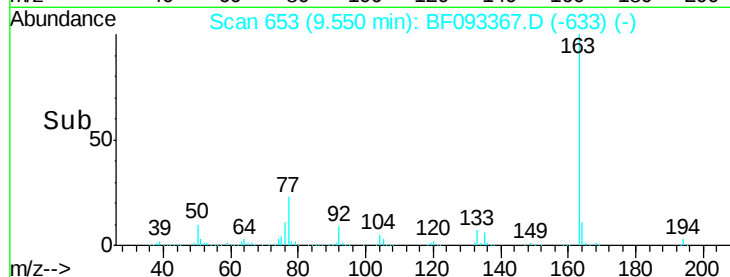
164 10.6 8.0 12.0



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: 45.88 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.06 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

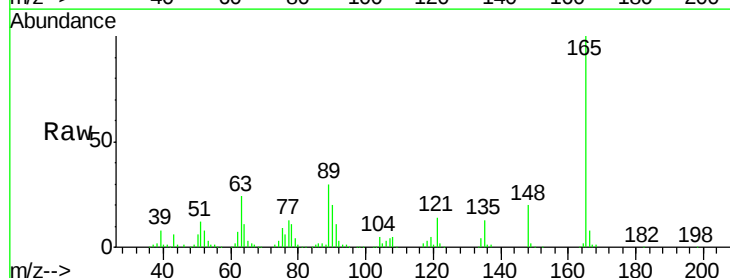
Tgt Ion:165 Resp: 235039

Ion Ratio Lower Upper

165 100

63 23.7 36.2 54.4#

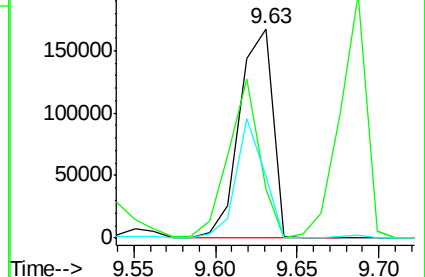
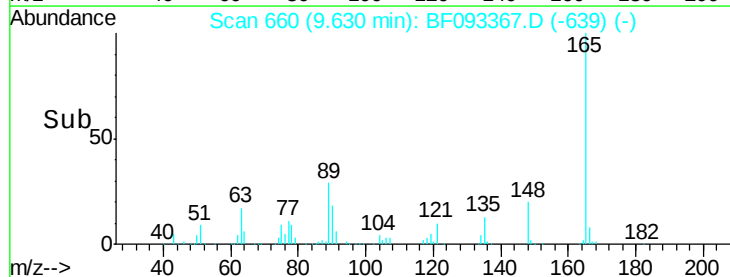
89 29.7 40.2 60.4#

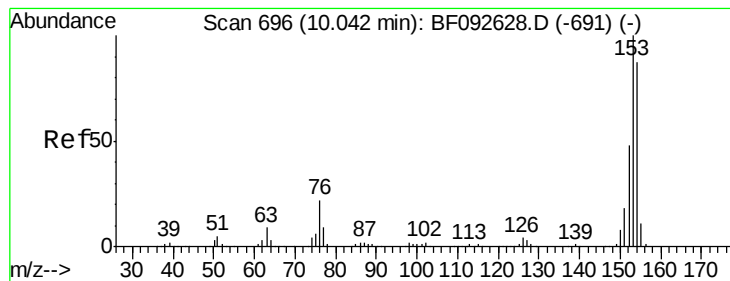


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.83 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.07 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

ClientSampleId :

PB97309BS

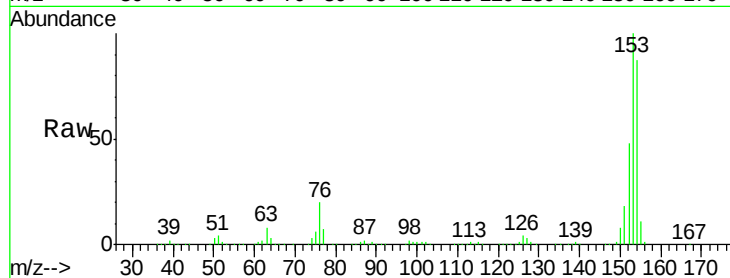
Tgt Ion:154 Resp: 841342

Ion Ratio Lower Upper

154 100

153 114.4 88.6 133.0

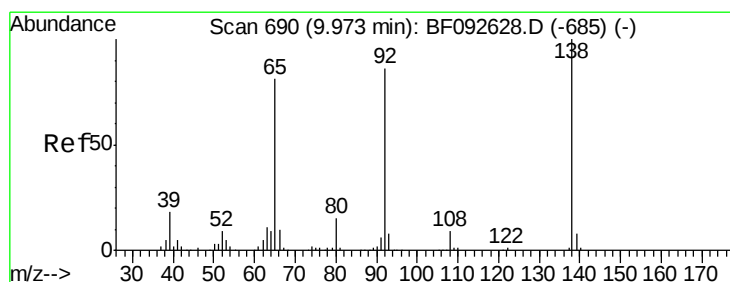
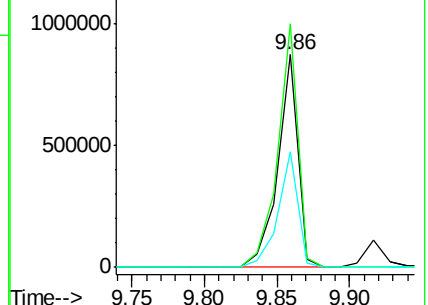
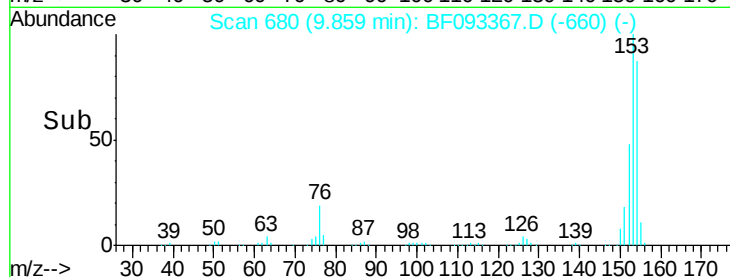
152 54.5 41.6 62.4



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: 16.52 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.07 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

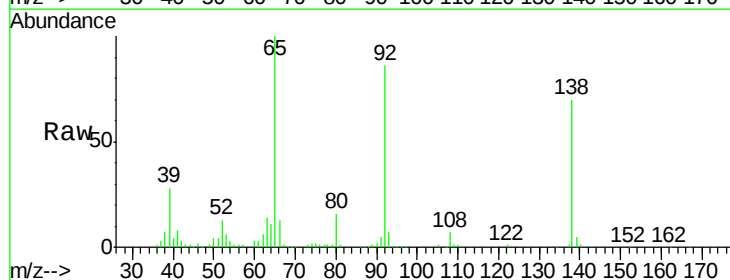
Tgt Ion:138 Resp: 96877

Ion Ratio Lower Upper

138 100

108 10.7 8.5 12.7

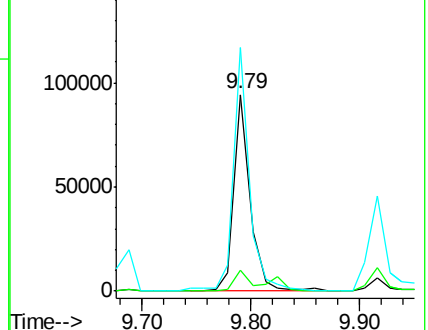
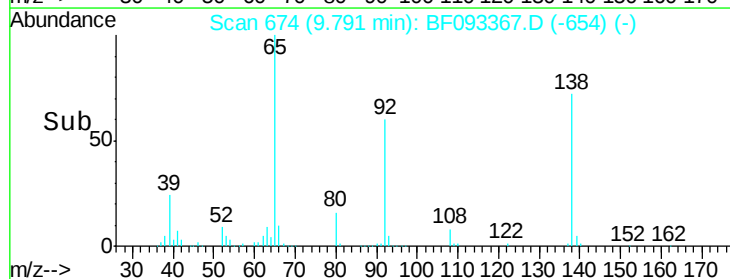
92 123.7 97.8 146.8

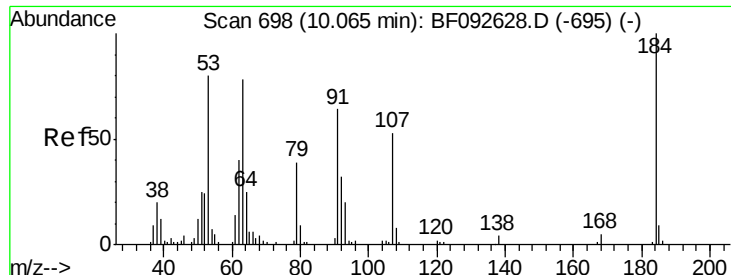


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

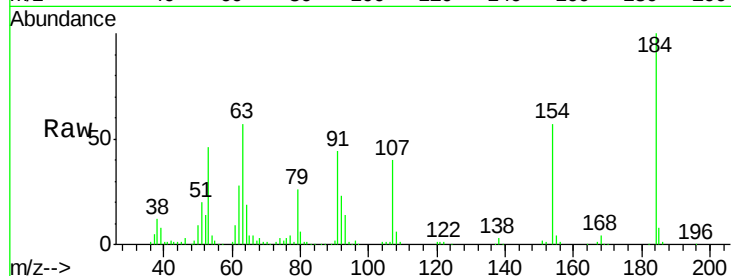




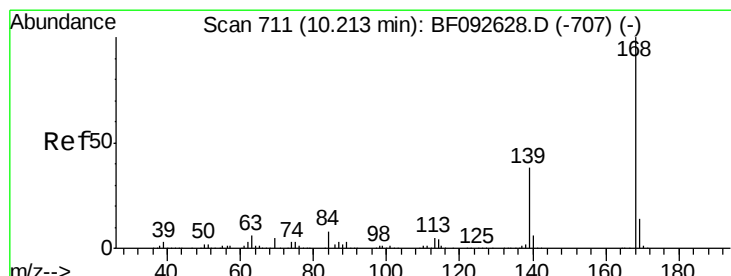
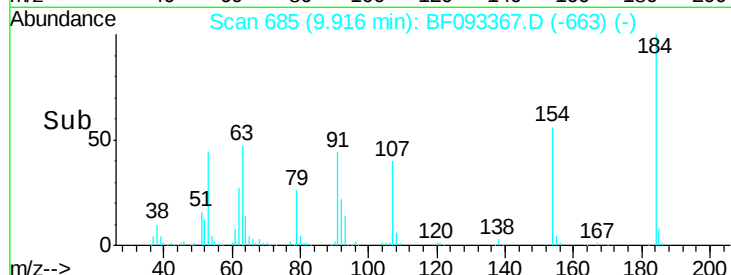
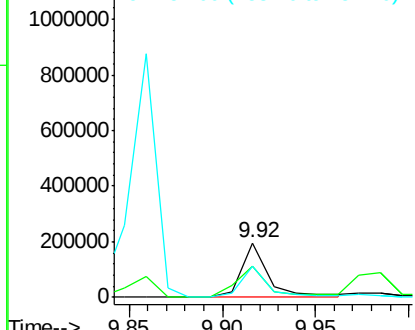
#53
 2,4-Dinitrophenol
 Concen: 78.20 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.05 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB97309BS

Tgt Ion:184 Resp: 203503
 Ion Ratio Lower Upper
 184 100
 63 57.1 28.4 42.6#
 154 56.6 44.3 66.5

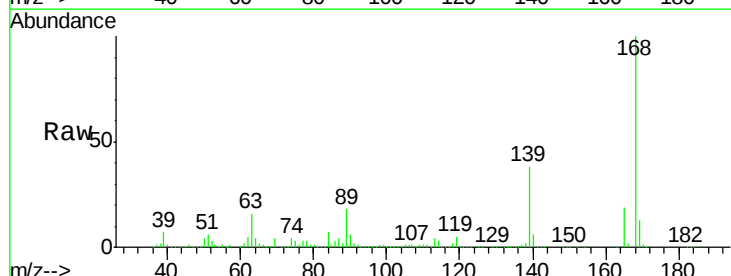


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

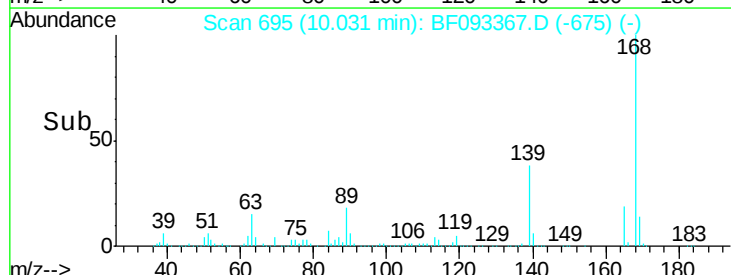
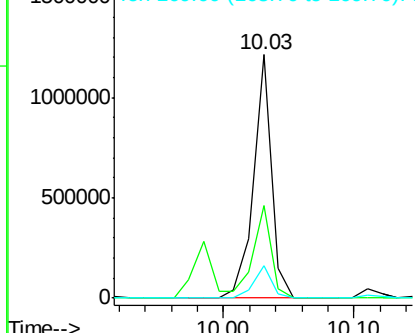


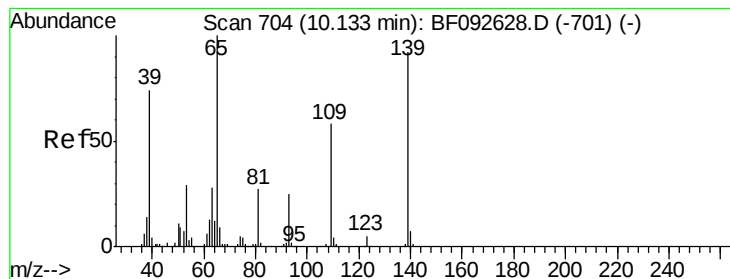
#54
 Dibenzofuran
 Concen: 42.32 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.07 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Tgt Ion:168 Resp: 1166255
 Ion Ratio Lower Upper
 168 100
 139 37.8 32.6 49.0
 169 13.5 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: 71.79 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.03 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

ClientSampleId :

PB97309BS

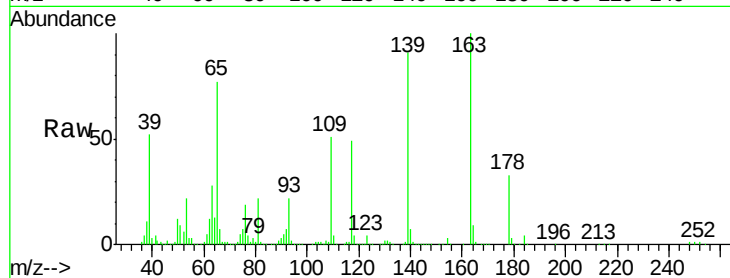
Tgt Ion:139 Resp: 303151

Ion Ratio Lower Upper

139 100

109 55.9 52.2 92.2

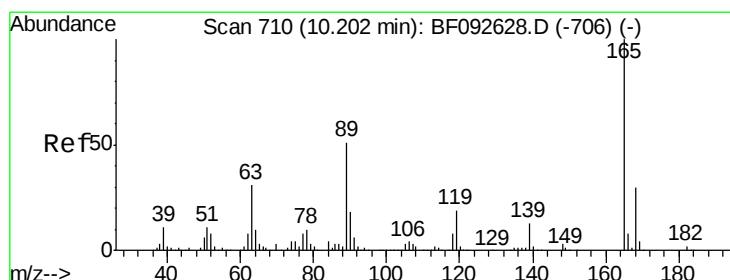
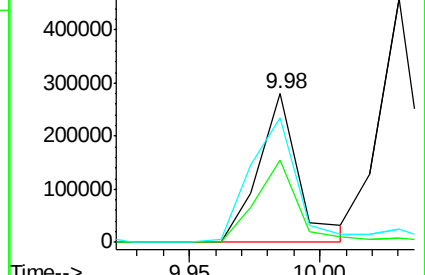
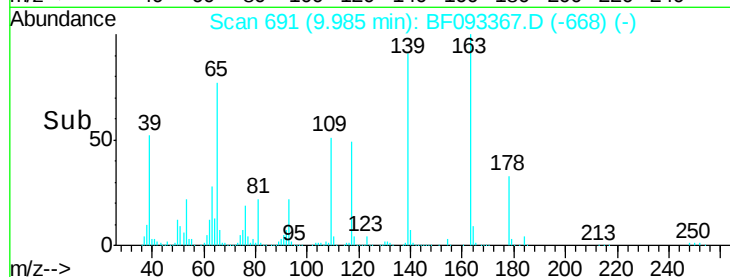
65 84.2 85.8 125.8#



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: 39.43 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.06 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Tgt Ion:165 Resp: 268925

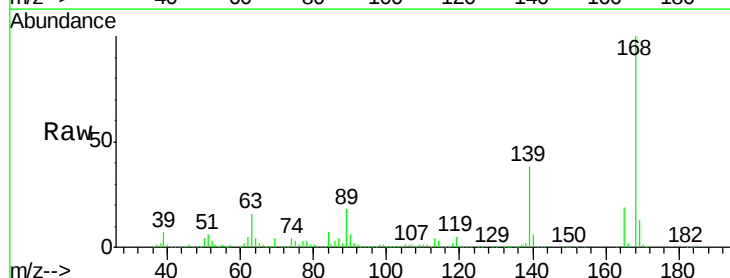
Ion Ratio Lower Upper

165 100

63 82.3 40.2 60.4#

89 94.2 62.5 93.7#

182 2.4 1.8 2.8

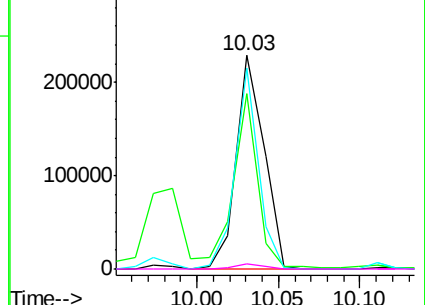
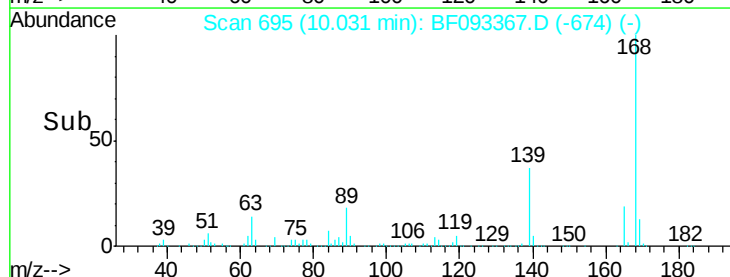


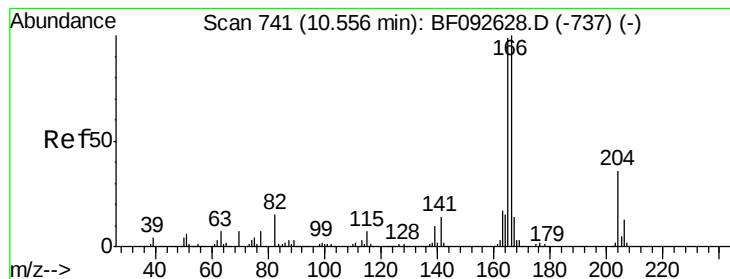
Abundance Ion 165.00 (164.70 to 165.70): E

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: 44.17 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.07 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

ClientSampleId :

PB97309BS

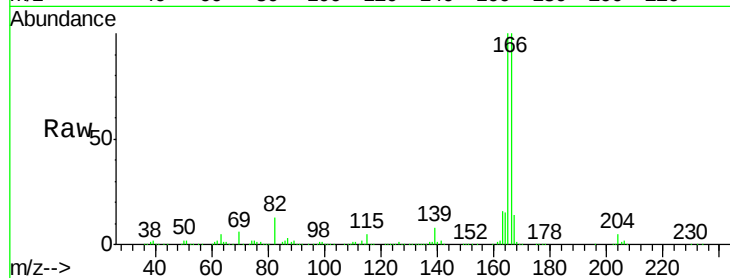
Tgt Ion:166 Resp: 936635

Ion Ratio Lower Upper

166 100

165 100.3 77.8 116.8

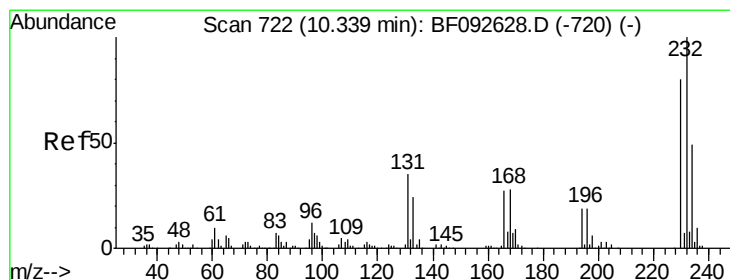
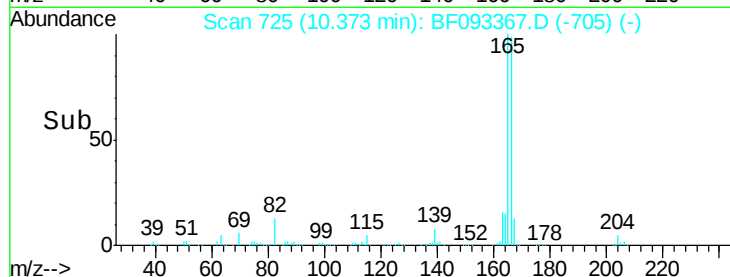
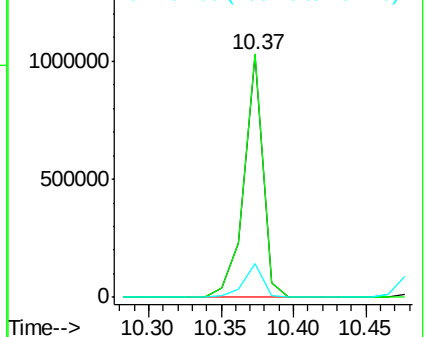
167 13.6 10.8 16.2



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: 49.40 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.07 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Tgt Ion:232 Resp: 234540

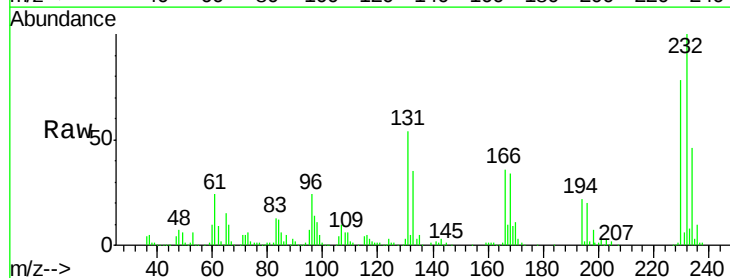
Ion Ratio Lower Upper

232 100

131 46.0 40.1 60.1

130 2.4 1.8 2.8

166 30.3 26.6 39.8

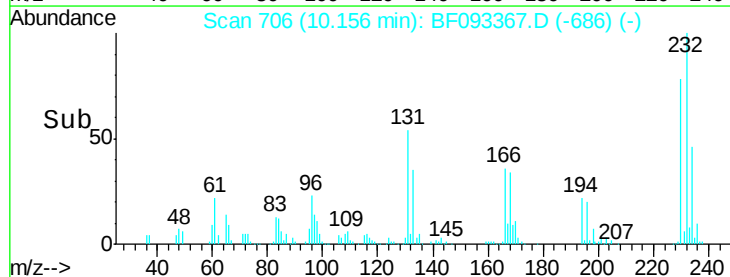
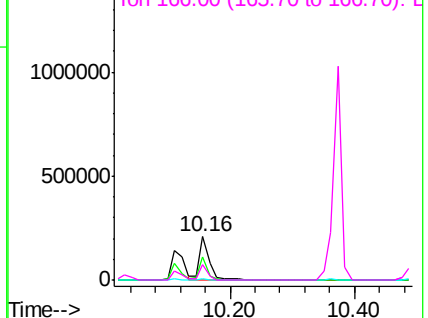


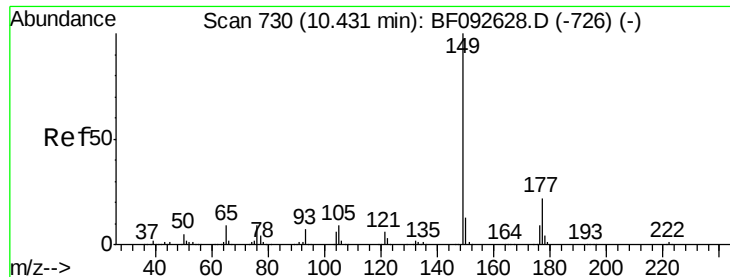
Abundance Ion 232.00 (231.70 to 232.70): E

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

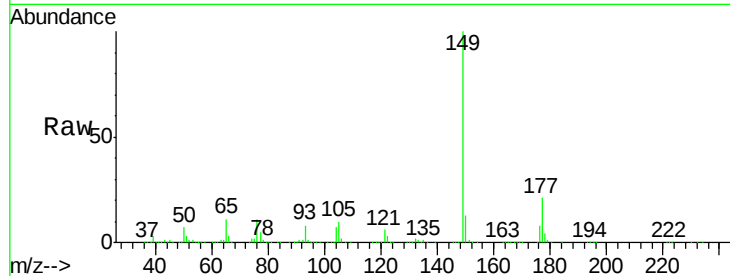




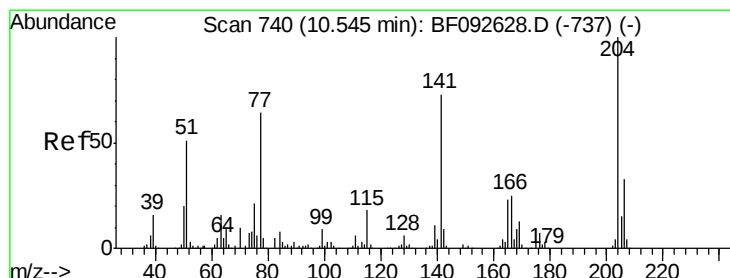
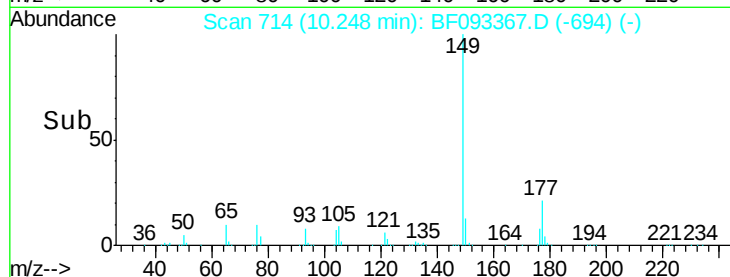
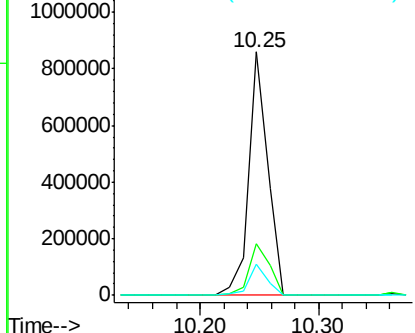
#59
Diethylphthalate
Concen: 43.10 ng
RT: 10.25 min Scan# 714
Delta R.T. -0.07 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Instrument :
BNA_F
ClientSampleId :
PB97309BS

Tgt Ion:149 Resp: 963636
Ion Ratio Lower Upper
149 100
177 21.2 16.6 25.0
150 12.8 10.4 15.6

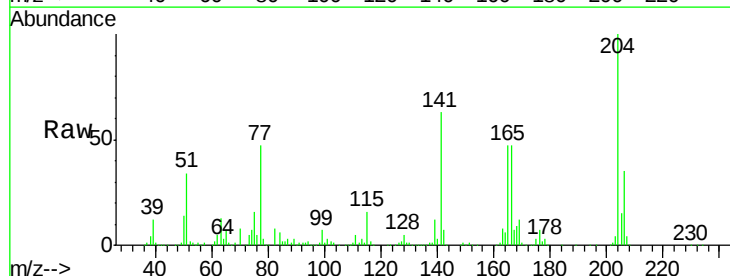


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

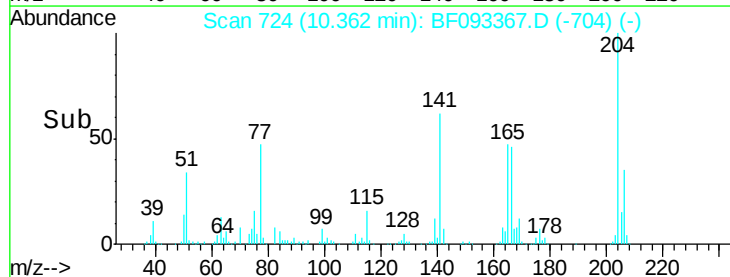
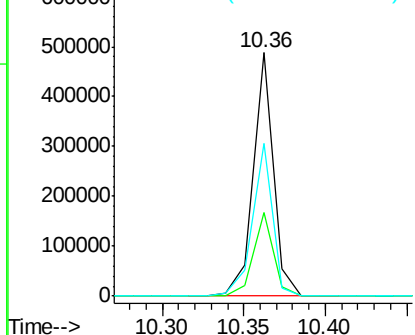


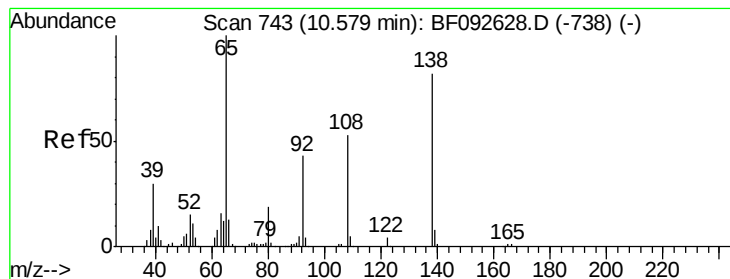
#60
4-Chlorophenyl-phenylether
Concen: 41.21 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.07 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion:204 Resp: 419807
Ion Ratio Lower Upper
204 100
206 34.5 25.8 38.6
141 62.5 59.4 89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

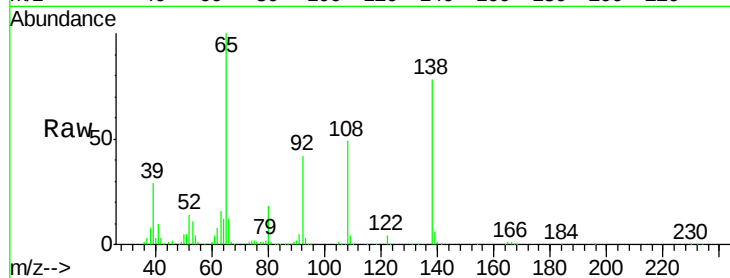




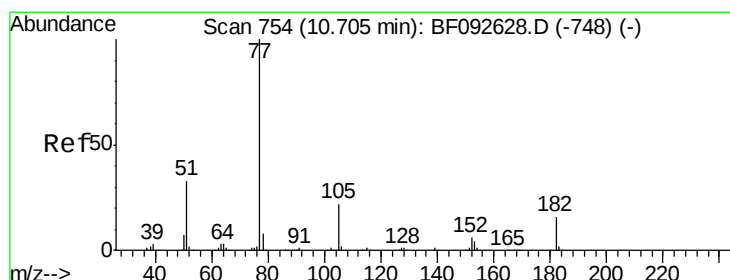
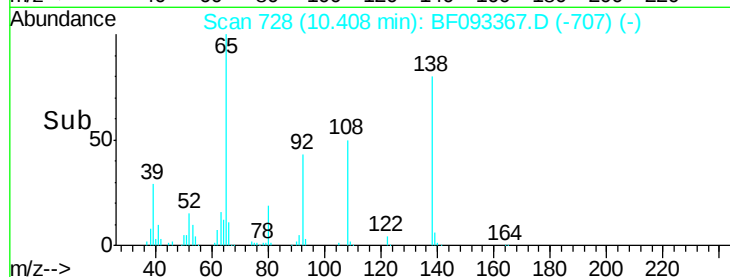
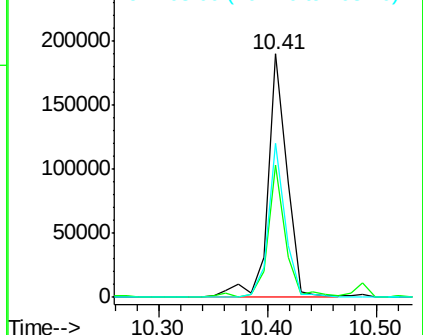
#61
4-Nitroaniline
Concen: 38.91 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.06 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Instrument :
BNA_F
ClientSampleId :
PB97309BS

Tgt Ion:138 Resp: 233643
Ion Ratio Lower Upper
138 100
92 54.3 31.7 71.7
108 63.3 52.6 92.6

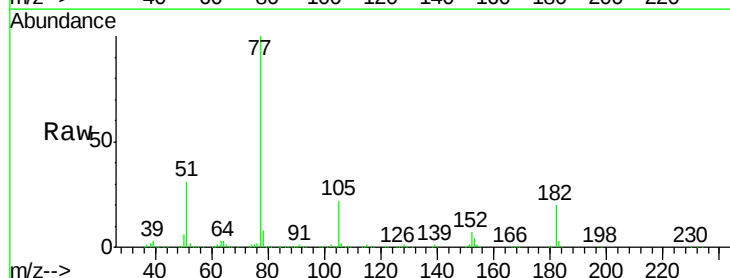


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

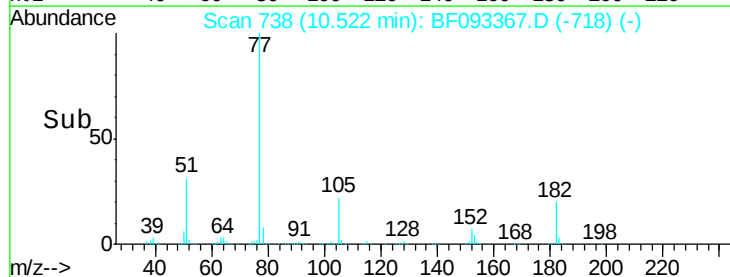
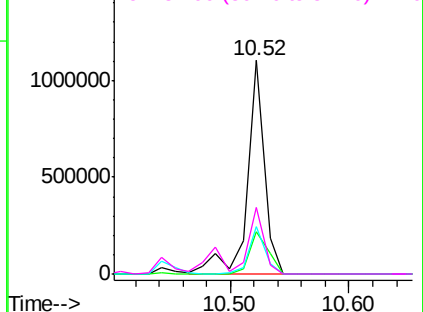


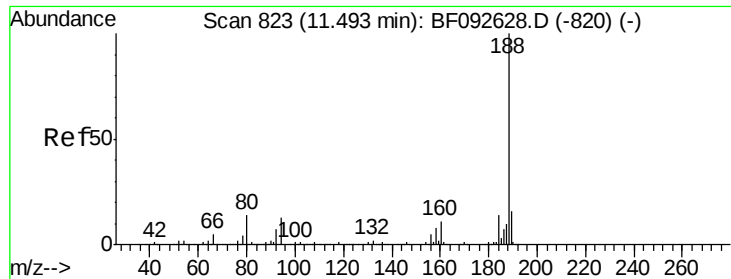
#62
Azobenzene
Concen: 48.50 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.07 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion: 77 Resp: 1120073
Ion Ratio Lower Upper
77 100
182 19.9 0.0 39.3
105 22.5 2.3 42.3
51 31.1 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

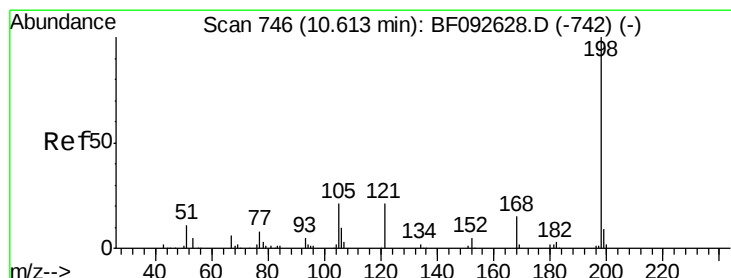
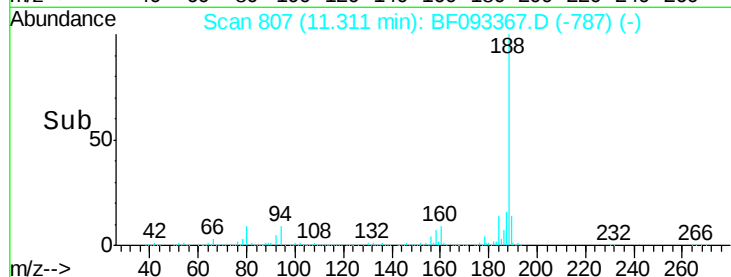
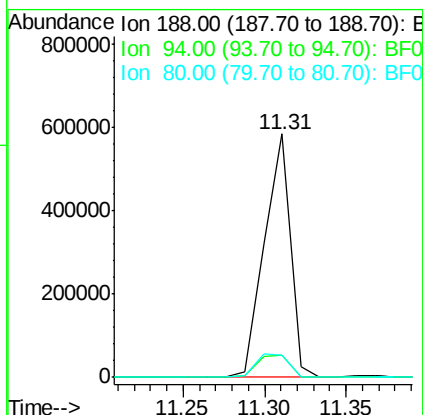
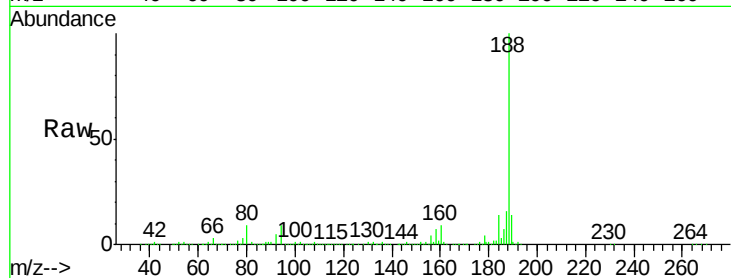




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.07 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

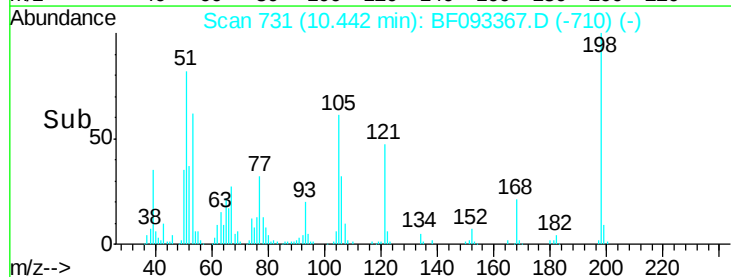
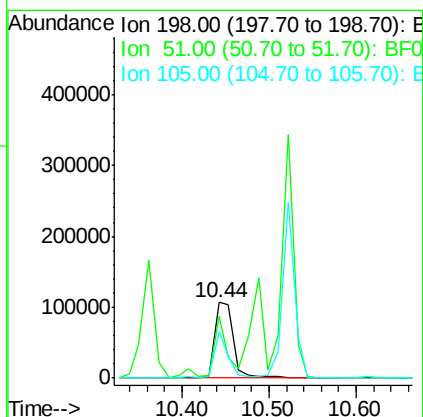
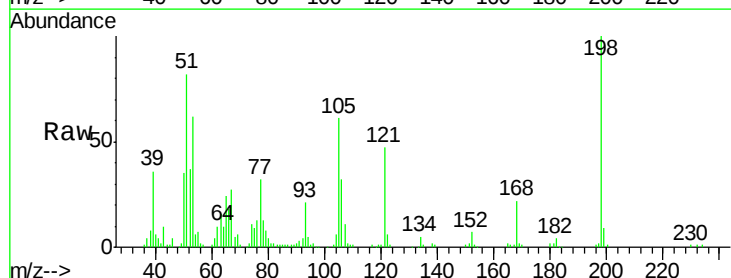
Instrument :
BNA_F
ClientSampleId :
PB97309BS

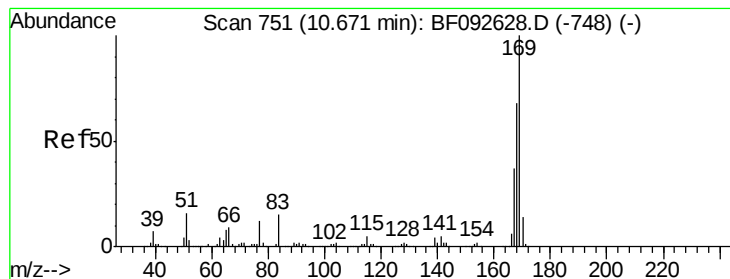
Tgt Ion:188 Resp: 648962
Ion Ratio Lower Upper
188 100
94 9.3 10.0 15.0#
80 9.3 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 41.79 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.06 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion:198 Resp: 163634
Ion Ratio Lower Upper
198 100
51 82.5 6.7 46.7#
105 60.8 16.6 56.6#





#65

n-Nitrosodiphenylamine

Concen: 41.14 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.07 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

ClientSampleId :

PB97309BS

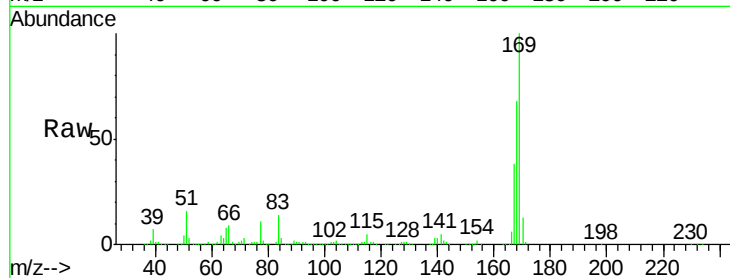
Tgt Ion:169 Resp: 852982

Ion Ratio Lower Upper

169 100

168 67.9 54.2 81.2

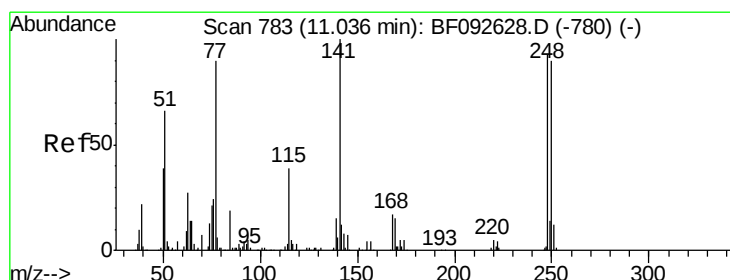
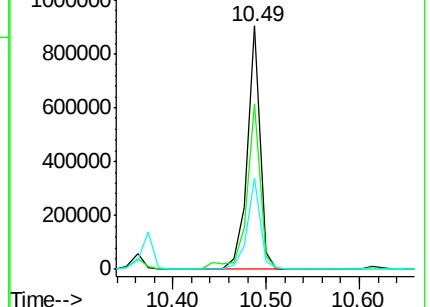
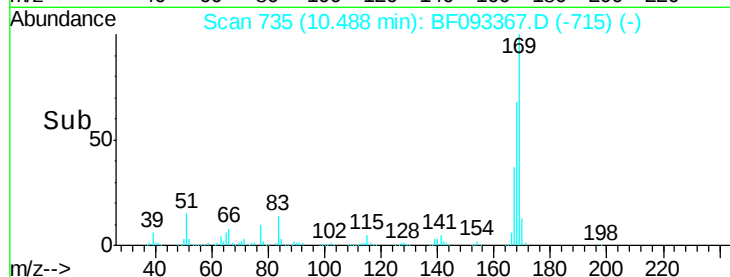
167 37.5 30.2 45.4



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: 40.56 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.07 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

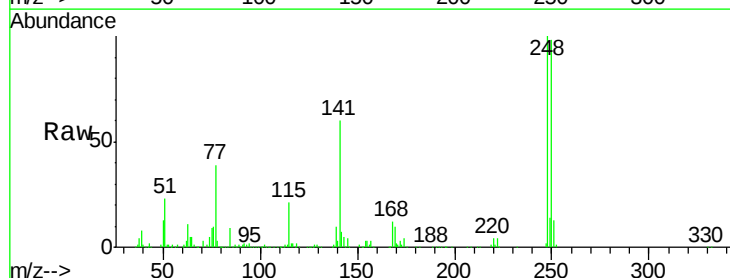
Tgt Ion:248 Resp: 275019

Ion Ratio Lower Upper

248 100

250 97.9 76.9 115.3

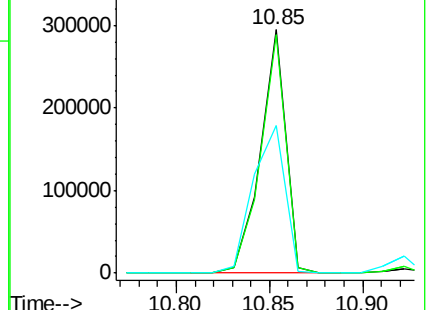
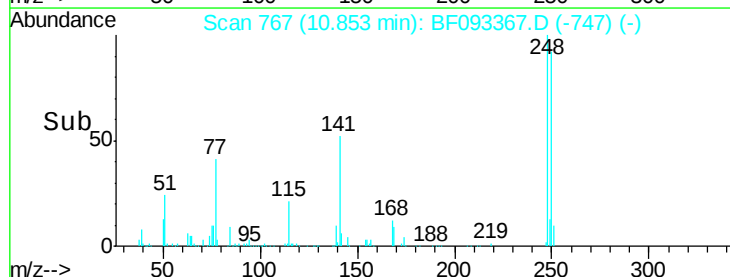
141 60.5 68.2 102.4#

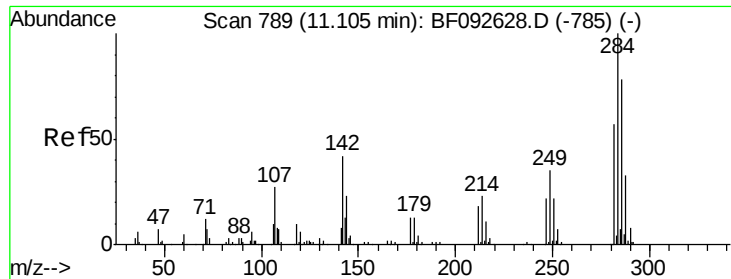


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

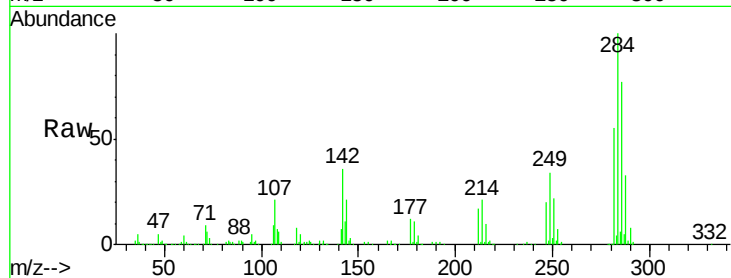




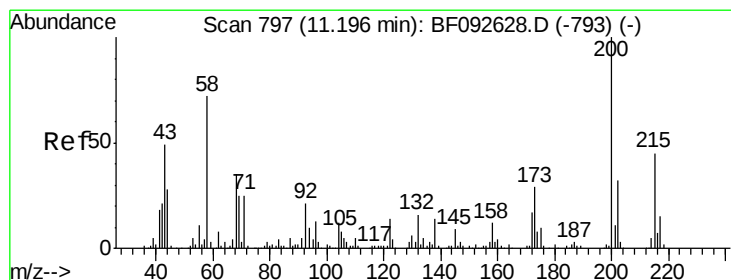
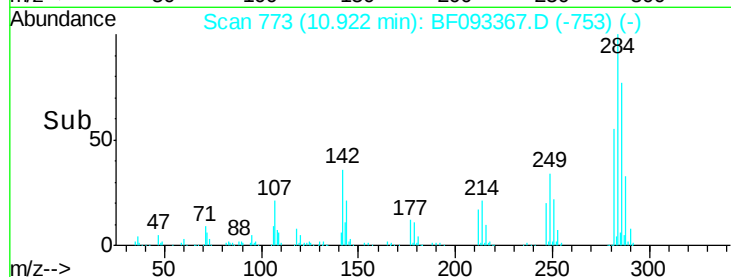
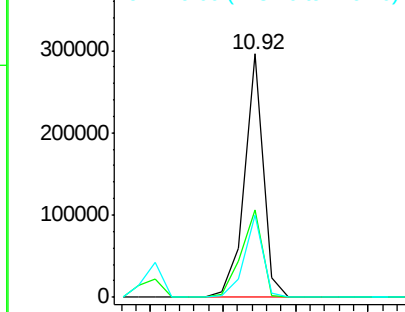
#67
Hexachlorobenzene
Concen: 39.59 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.07 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Instrument :
BNA_F
ClientSampleId :
PB97309BS

Tgt Ion:284 Resp: 265275
Ion Ratio Lower Upper
284 100
142 35.8 22.6 33.8#
249 33.7 25.4 38.0

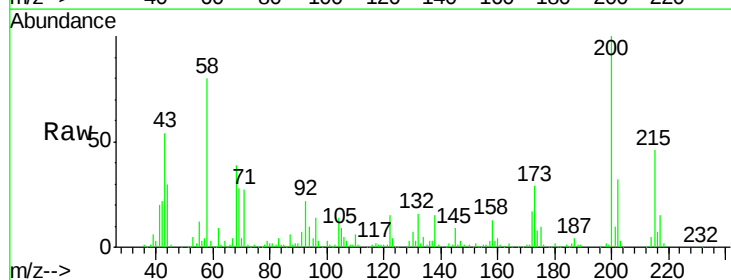


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

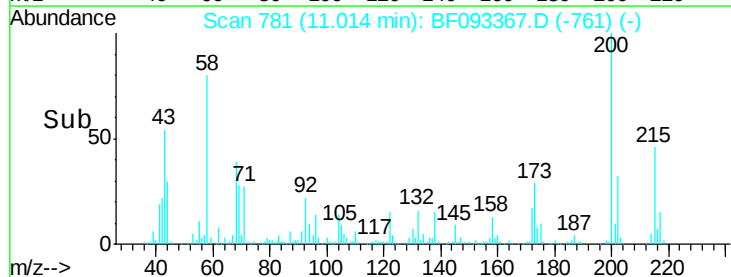
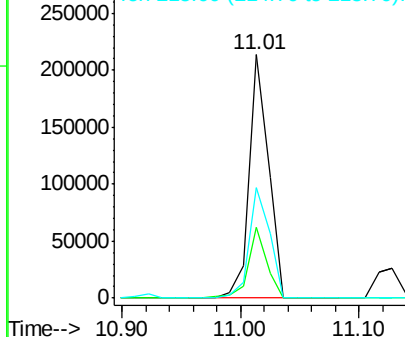


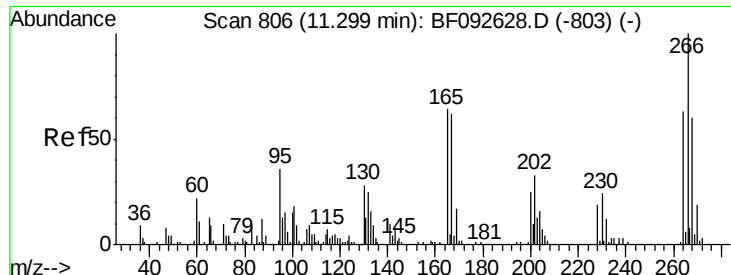
#68
Atrazine
Concen: 36.57 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.07 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion:200 Resp: 243321
Ion Ratio Lower Upper
200 100
173 29.3 9.6 49.6
215 45.6 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

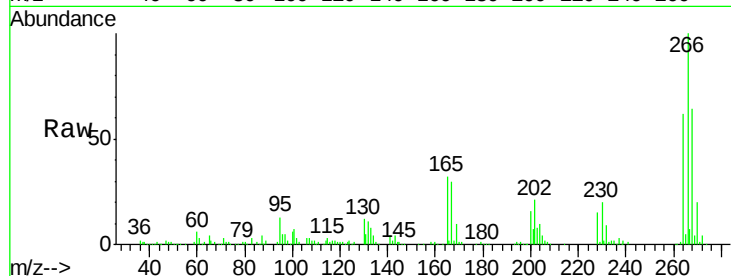




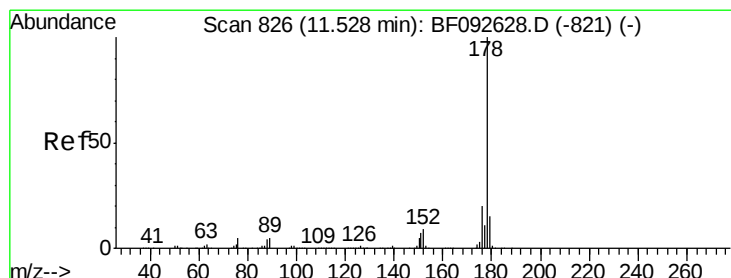
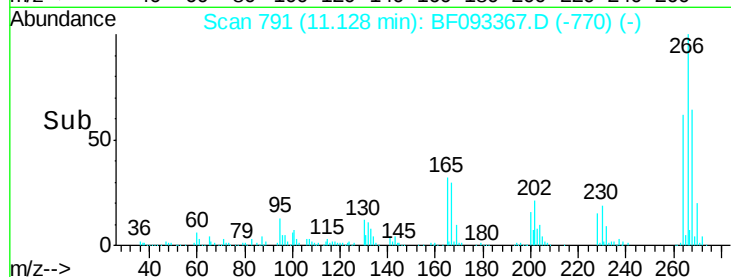
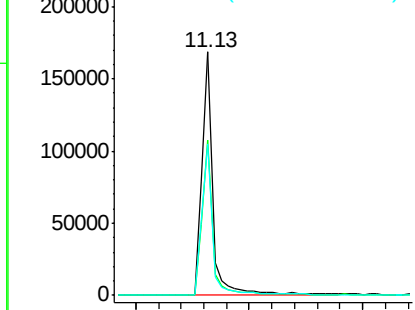
#69
 Pentachlorophenol
 Concen: 64.99 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.06 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Instrument :
 BNA_F
 ClientSampleId :
 PB97309BS

Tgt Ion:266 Resp: 219655
 Ion Ratio Lower Upper
 266 100
 268 63.6 53.3 79.9
 264 62.0 50.3 75.5

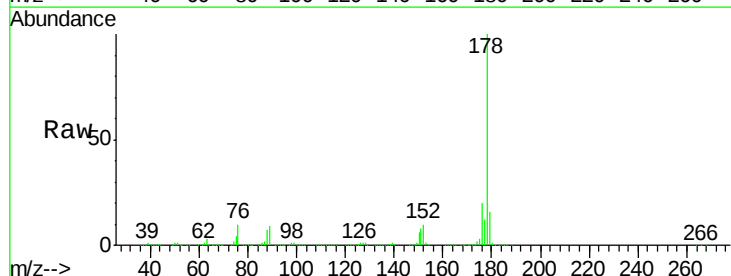


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

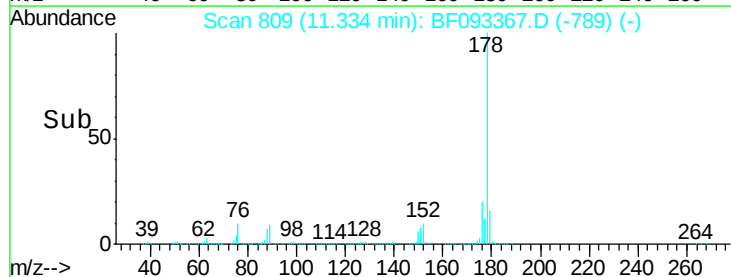
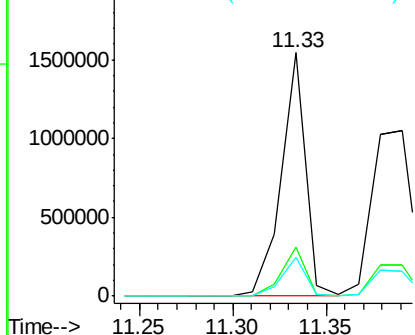


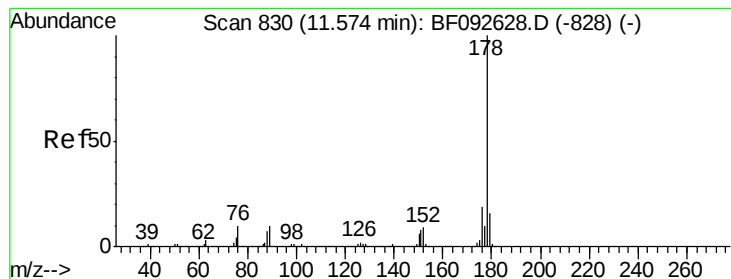
#70
 Phenanthrene
 Concen: 37.63 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.07 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Tgt Ion:178 Resp: 1399067
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.6 25.0
 179 15.7 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: 39.93 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.07 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

ClientSampleId :

PB97309BS

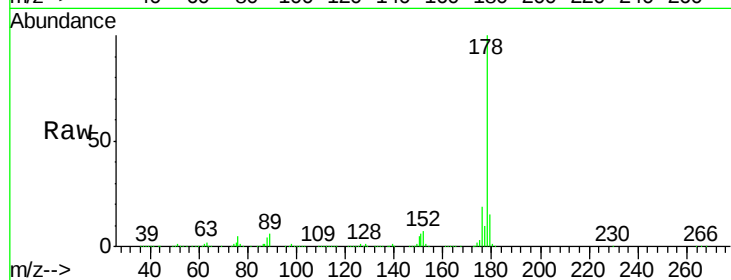
Tgt Ion:178 Resp: 1490766

Ion Ratio Lower Upper

178 100

176 19.0 15.9 23.9

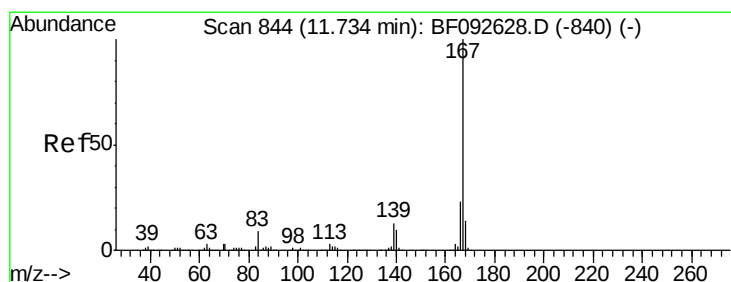
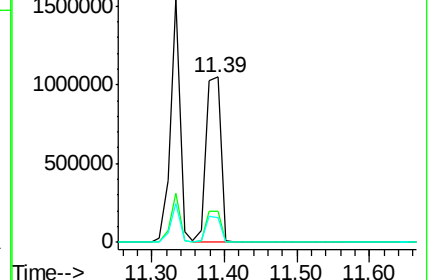
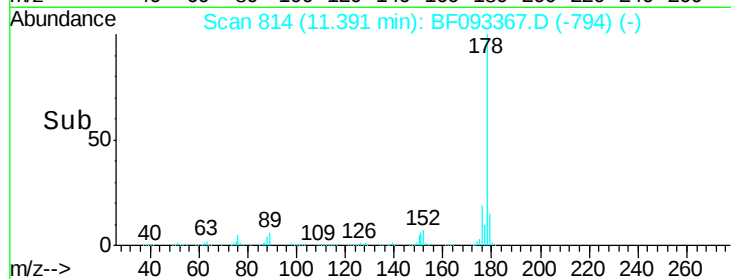
179 15.1 13.2 19.8



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: 36.67 ng

RT: 11.54 min Scan# 827

Delta R.T. -0.07 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

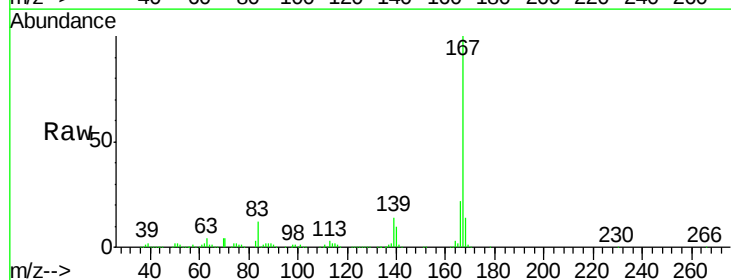
Tgt Ion:167 Resp: 1308662

Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.2

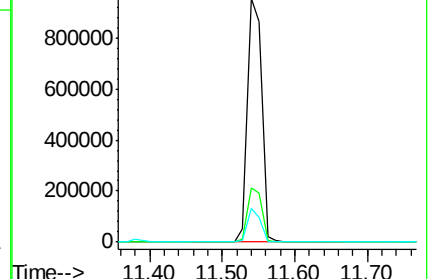
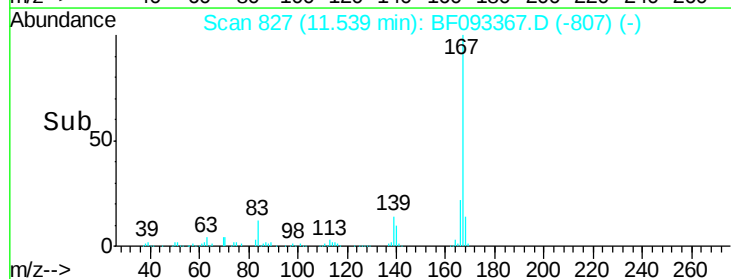
139 13.9 11.4 17.2

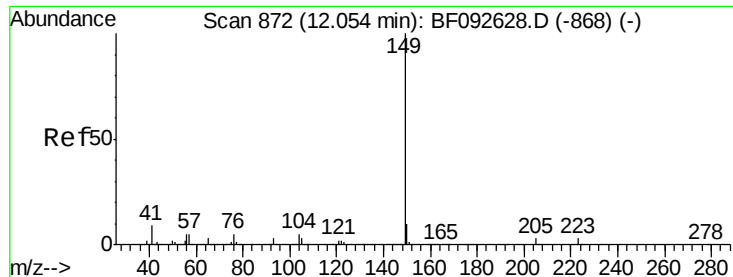


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.05 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.07 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

ClientSampleId :

PB97309BS

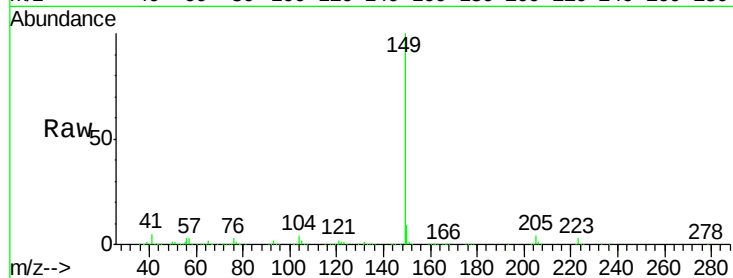
Tgt Ion:149 Resp: 1700272

Ion Ratio Lower Upper

149 100

150 9.0 8.1 12.1

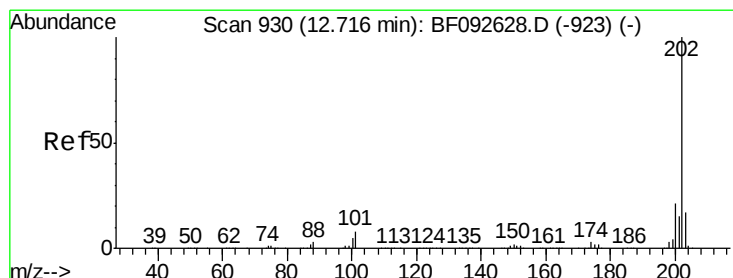
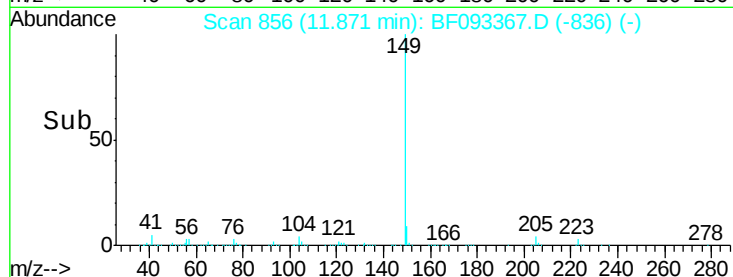
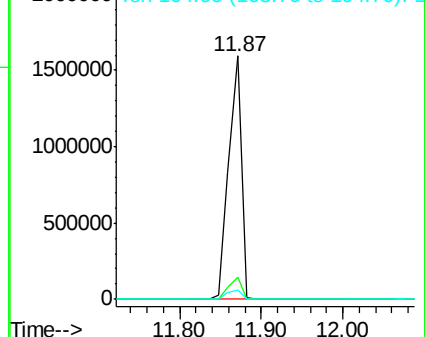
104 3.8 4.6 7.0#



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: 38.54 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.07 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

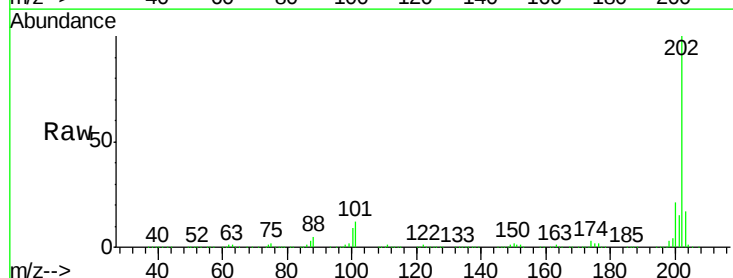
Tgt Ion:202 Resp: 1478051

Ion Ratio Lower Upper

202 100

101 11.6 0.0 34.6

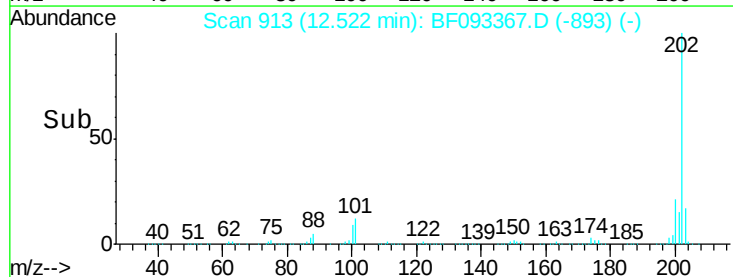
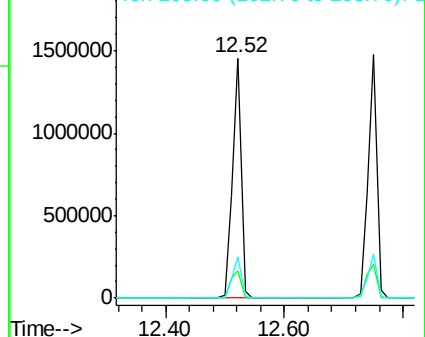
203 17.4 0.0 38.7

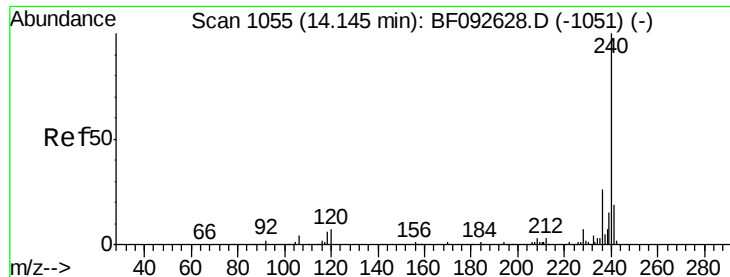


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.95 min Scan# 1038

Delta R.T. -0.07 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

ClientSampleId :

PB97309BS

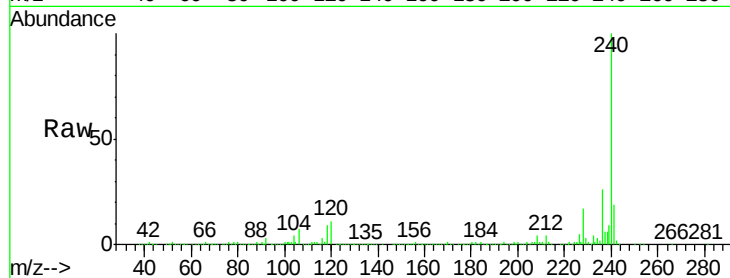
Tgt Ion:240 Resp: 542135

Ion Ratio Lower Upper

240 100

120 11.1 12.9 19.3#

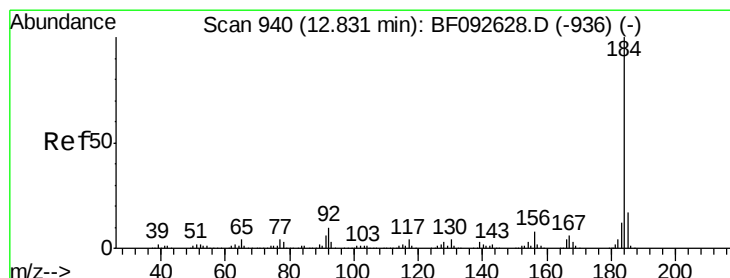
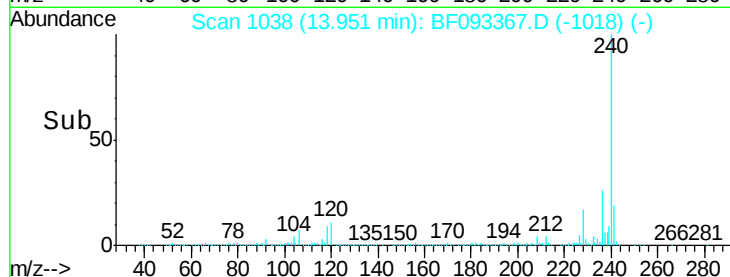
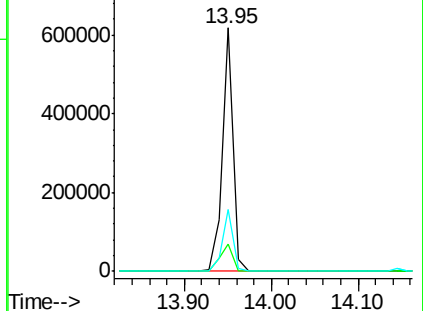
236 25.5 20.9 31.3



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



#76

Benzidine

Concen: 14.27 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.07 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

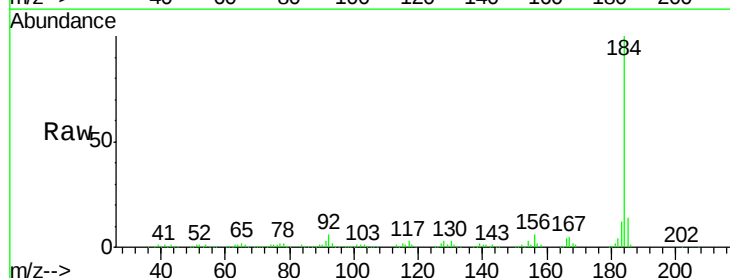
Tgt Ion:184 Resp: 329584

Ion Ratio Lower Upper

184 100

185 13.8 13.4 20.0

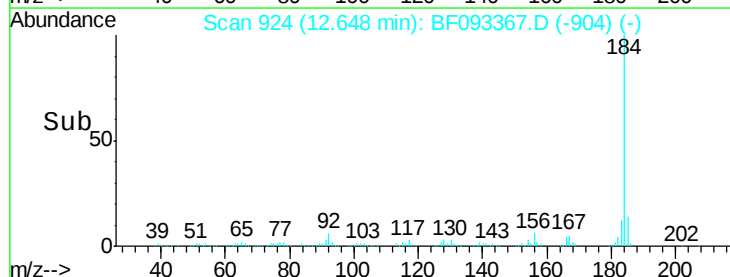
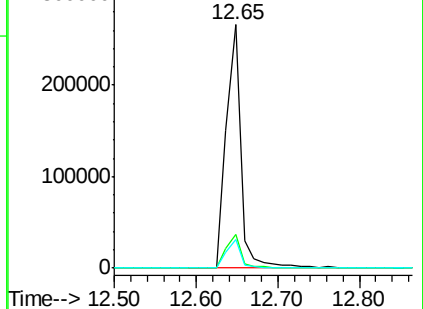
183 11.7 9.2 13.8

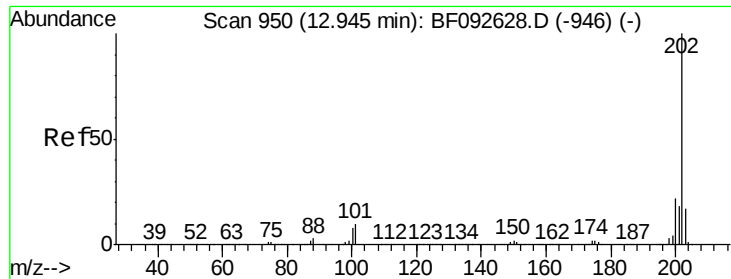


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

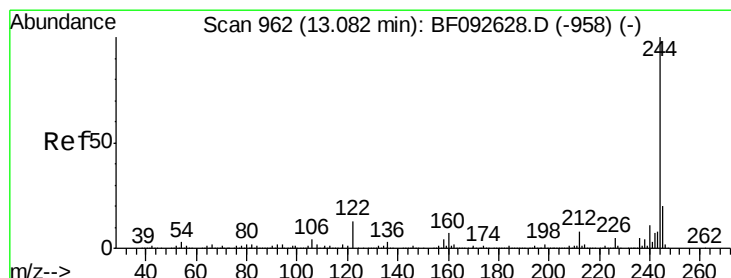
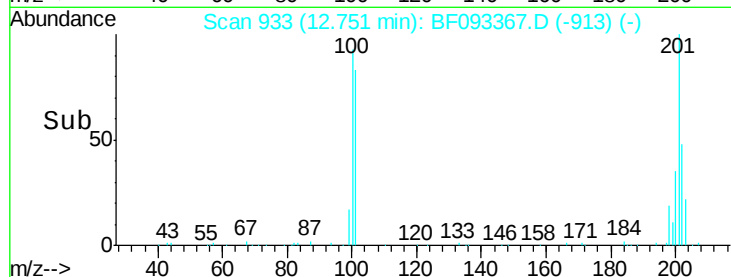
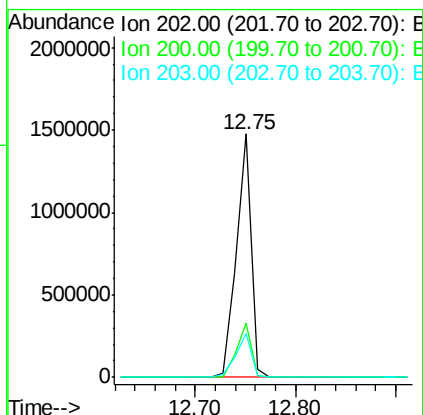
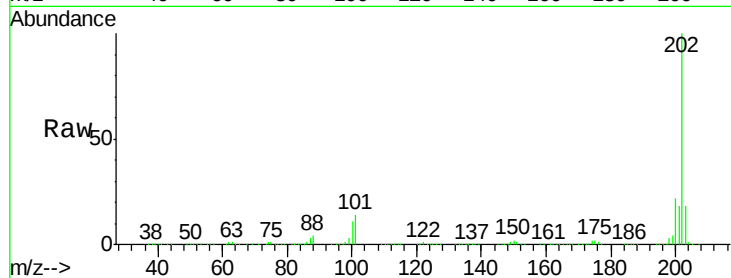




#77
 Pyrene
 Concen: 37.07 ng
 RT: 12.75 min Scan# 933
 Delta R.T. -0.07 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

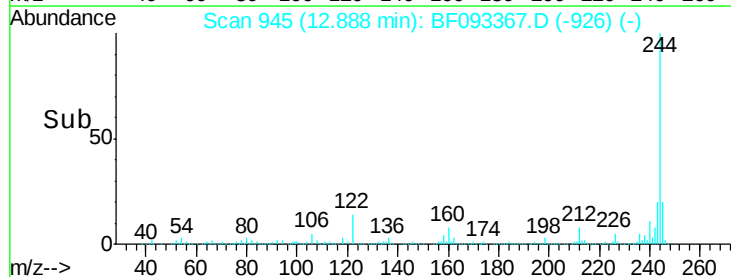
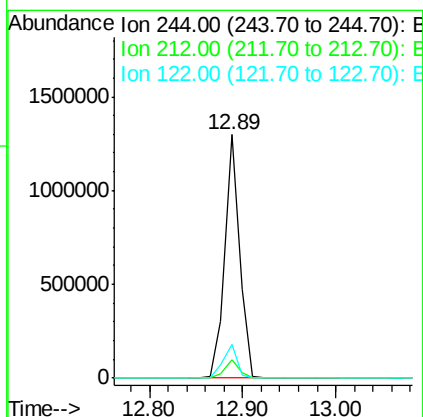
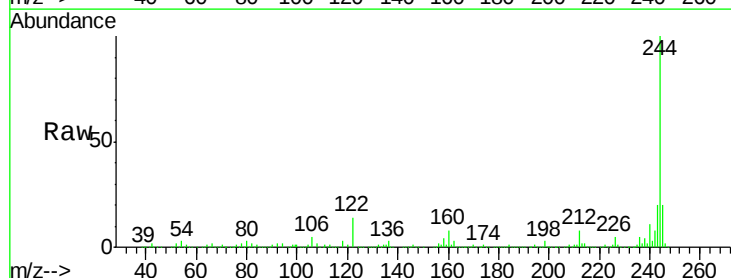
Instrument :
 BNA_F
 ClientSampleId :
 PB97309BS

Tgt Ion: 202 Resp: 1503933
 Ion Ratio Lower Upper
 202 100
 200 22.1 17.7 26.5
 203 17.8 14.7 22.1



#78
 Terphenyl-d14
 Concen: 62.41 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.08 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Tgt Ion: 244 Resp: 1439908
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 13.8 11.4 17.2

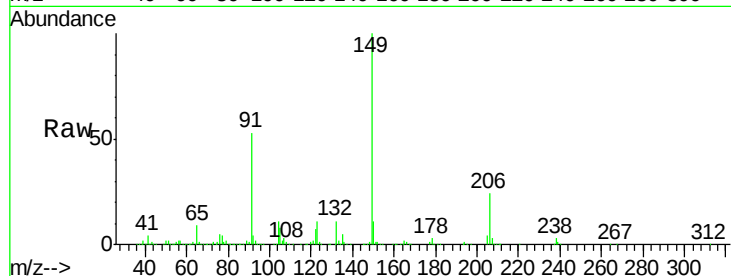




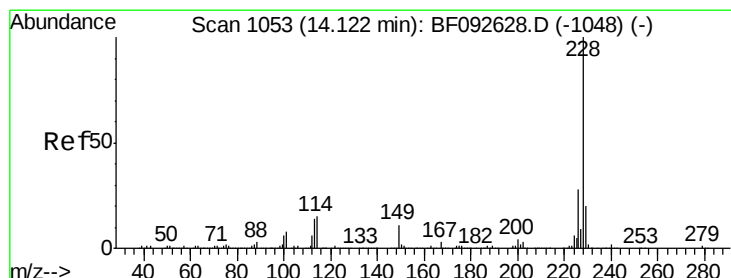
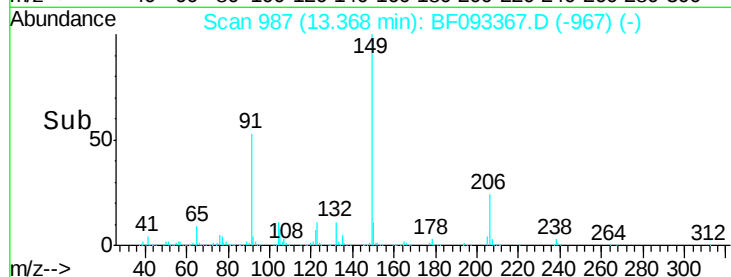
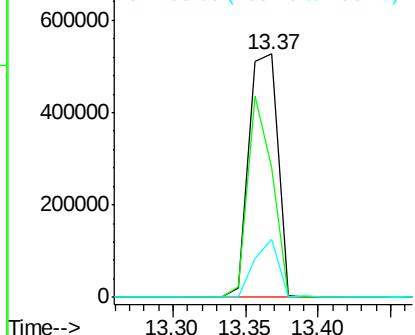
#79
Butylbenzylphthalate
Concen: 44.27 ng
RT: 13.37 min Scan# 987
Delta R.T. -0.07 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Instrument :
BNA_F
ClientSampleId :
PB97309BS

Tgt Ion:149 Resp: 729443
Ion Ratio Lower Upper
149 100
91 53.4 63.9 95.9#
206 23.9 14.6 21.8#

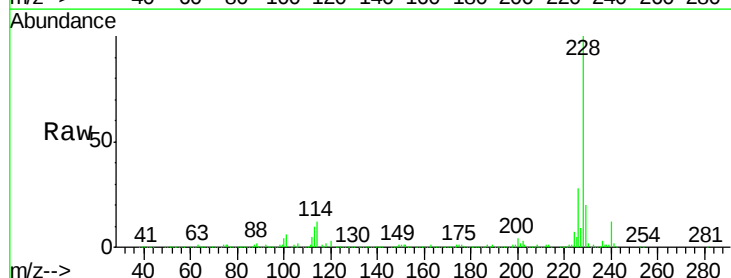


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

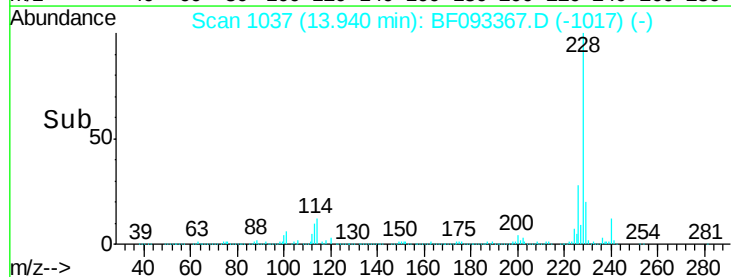
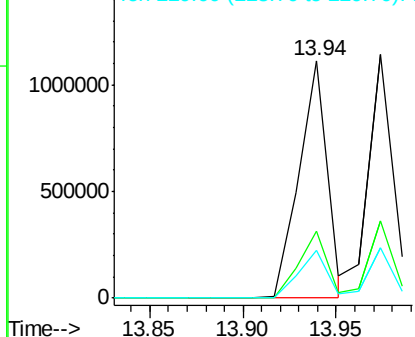


#80
Benzo(a)anthracene
Concen: 35.67 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.07 min
Lab File: BF093367.D
Acq: 3 Mar 2017 19:11

Tgt Ion:228 Resp: 1182726
Ion Ratio Lower Upper
228 100
226 28.2 22.4 33.6
229 20.0 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

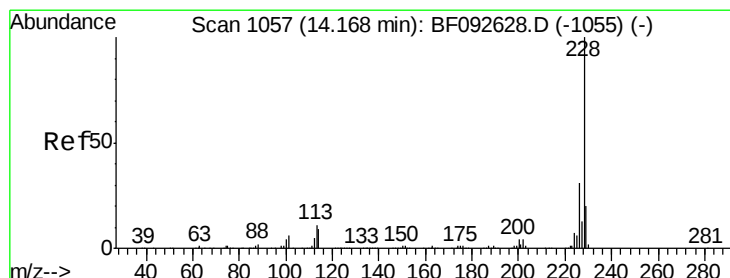
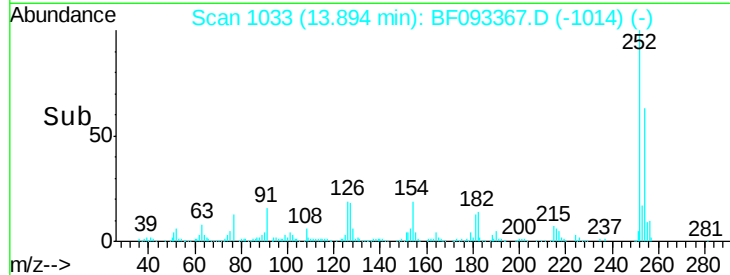
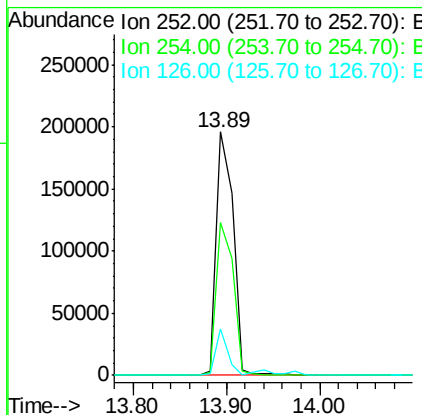
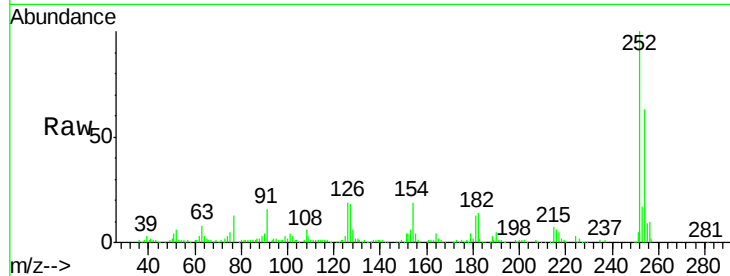




#81
 3,3'-Dichlorobenzidine
 Concen: 20.73 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.08 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

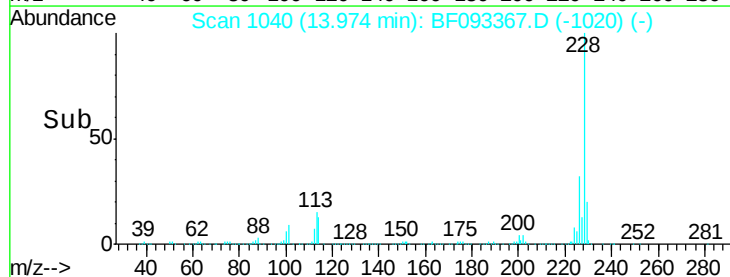
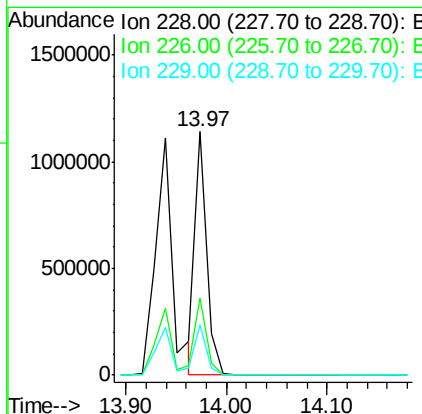
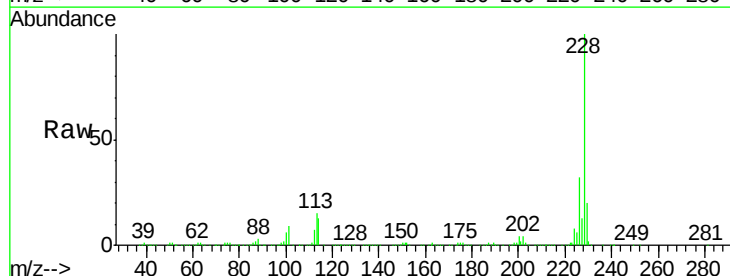
Instrument :
 BNA_F
 ClientSampleId :
 PB97309BS

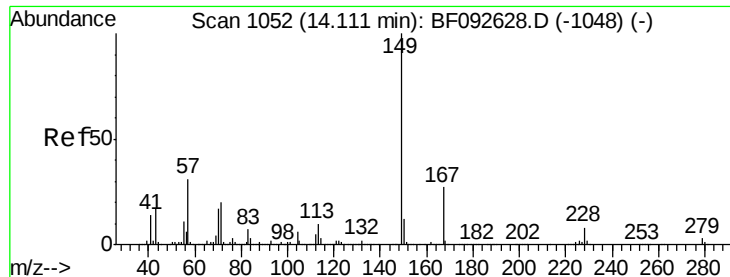
Tgt Ion:252 Resp: 245005
 Ion Ratio Lower Upper
 252 100
 254 62.5 52.3 78.5
 126 19.1 13.6 20.4



#82
 Chrysene
 Concen: 29.98 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.07 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Tgt Ion:228 Resp: 930617
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.4 38.0
 229 20.5 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.25 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.08 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

ClientSampleId :

PB97309BS

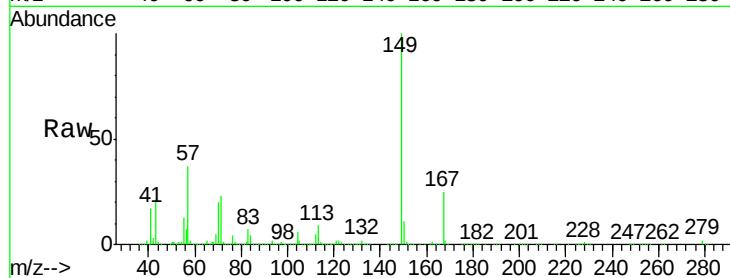
Tgt Ion:149 Resp: 884475

Ion Ratio Lower Upper

149 100

167 25.4 20.2 30.4

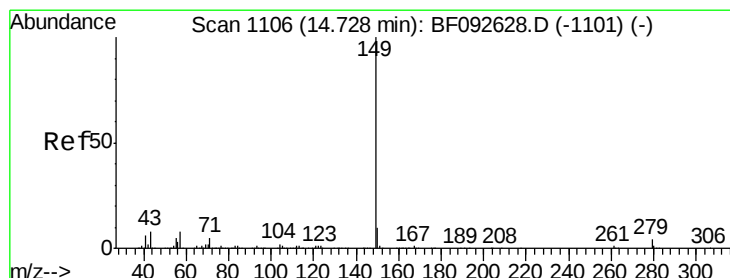
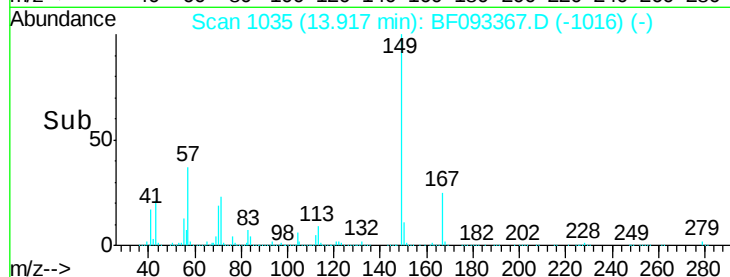
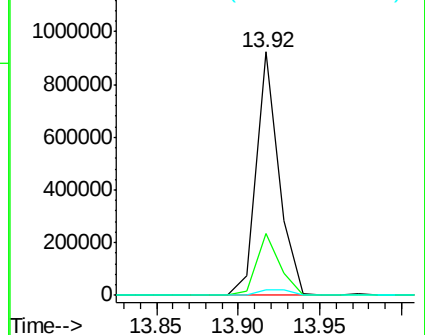
279 2.2 1.8 2.8



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: 40.54 ng

RT: 14.53 min Scan# 1089

Delta R.T. -0.07 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

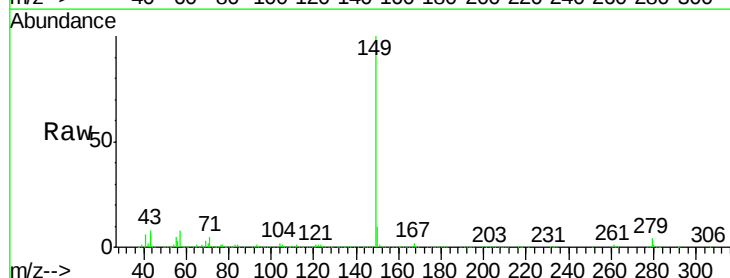
Tgt Ion:149 Resp: 1487598

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

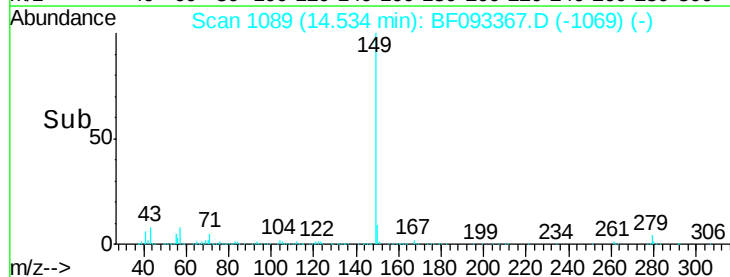
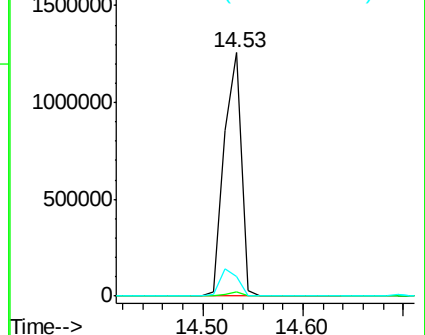
43 11.7 8.9 13.3

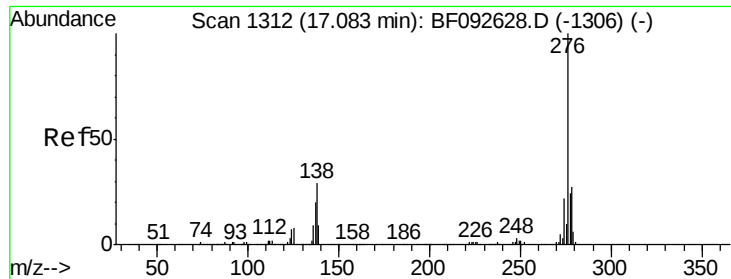


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

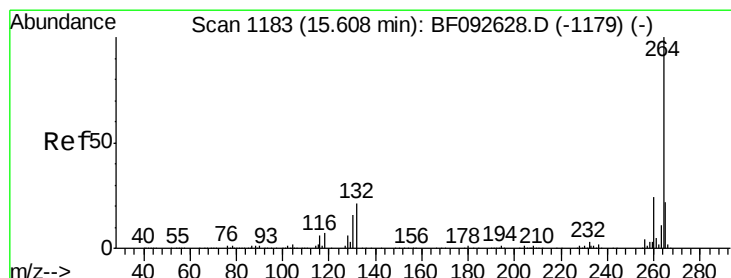
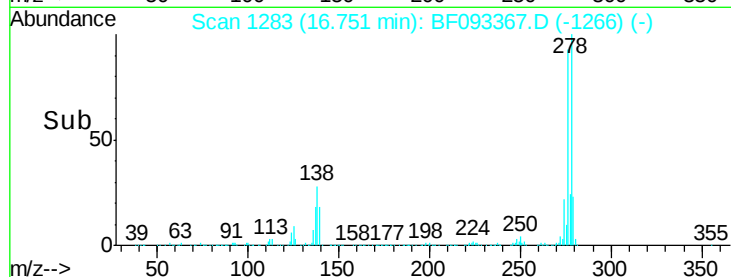
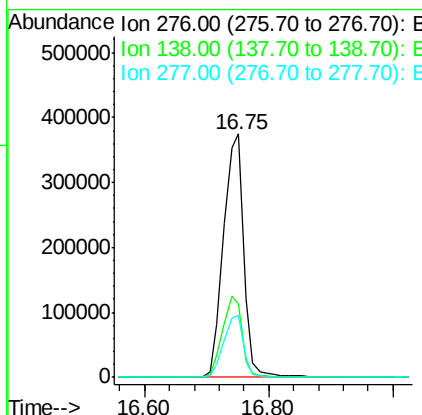
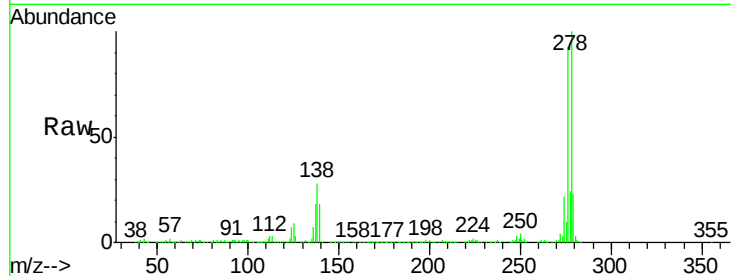




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.16 ng
 RT: 16.75 min Scan# 1283
 Delta R.T. -0.10 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

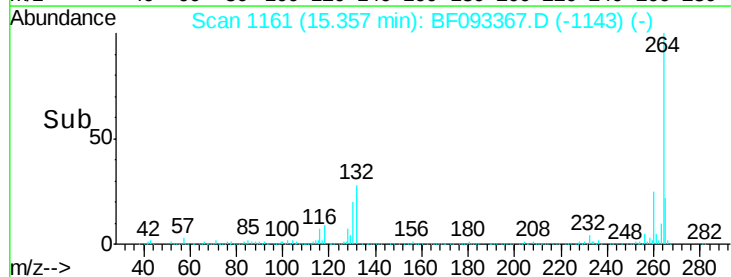
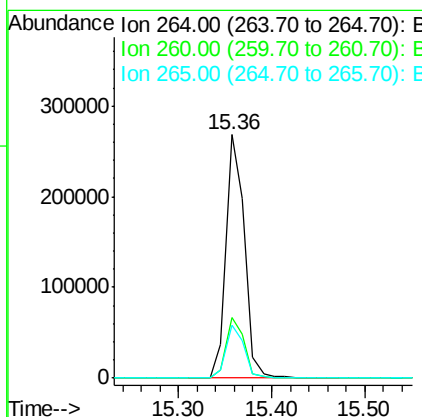
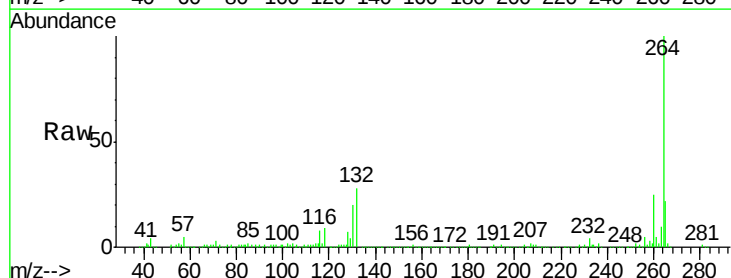
Instrument :
 BNA_F
 ClientSampleId :
 PB97309BS

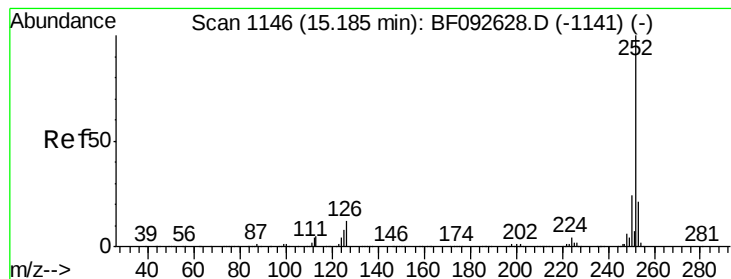
Tgt Ion: 276 Resp: 845502
 Ion Ratio Lower Upper
 276 100
 138 32.8 21.8 32.6#
 277 25.3 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.09 min
 Lab File: BF093367.D
 Acq: 3 Mar 2017 19:11

Tgt Ion: 264 Resp: 368408
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 21.7 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 78.05 ng

RT: 14.99 min Scan# 1129

Delta R.T. -0.05 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

ClientSampleId :

PB97309BS

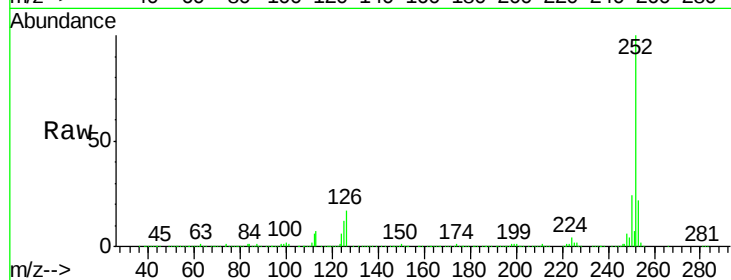
Tgt Ion:252 Resp: 1892604

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

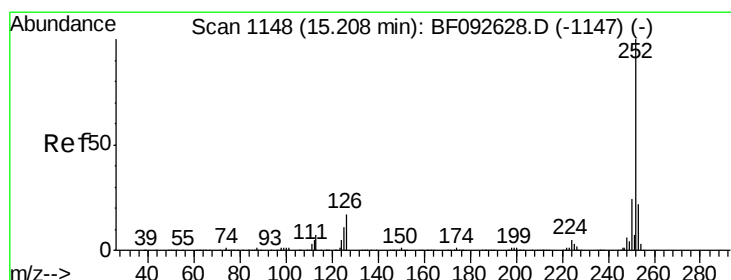
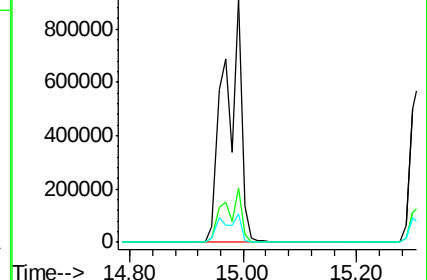
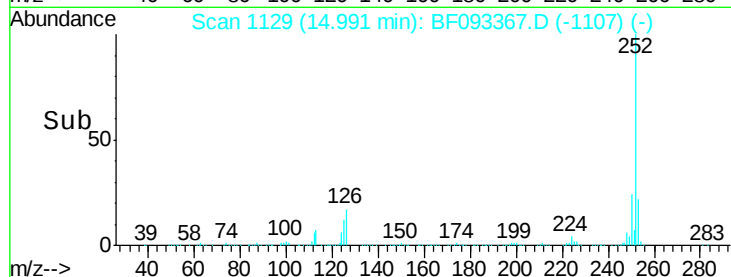
125 11.9 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 90.40 ng

RT: 14.99 min Scan# 1129

Delta R.T. -0.08 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

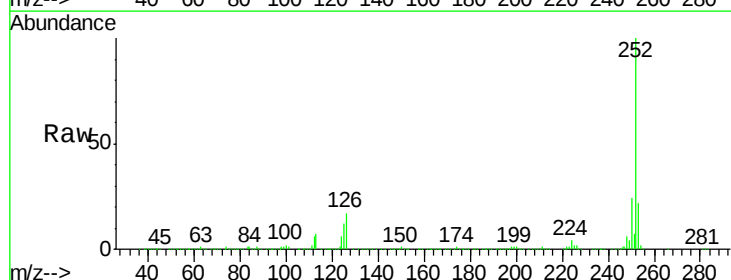
Tgt Ion:252 Resp: 1892604

Ion Ratio Lower Upper

252 100

253 22.5 18.5 27.7

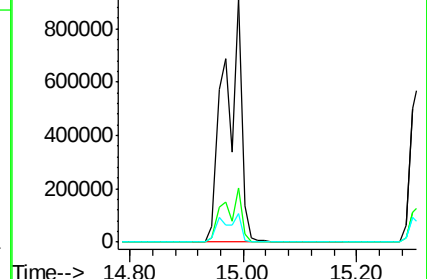
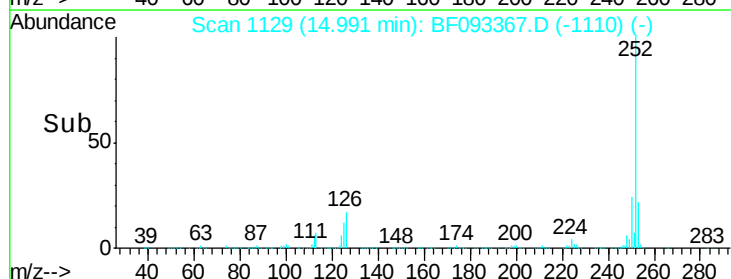
125 11.9 8.9 13.3

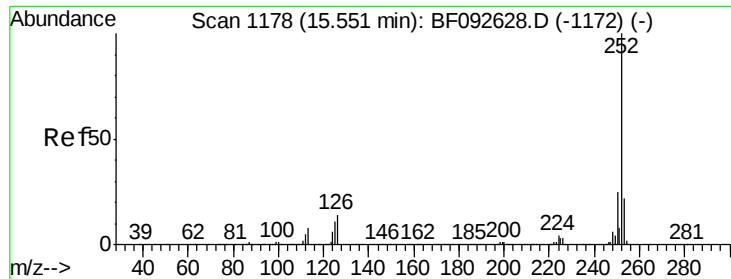


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.20 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.08 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

ClientSampleId :

PB97309BS

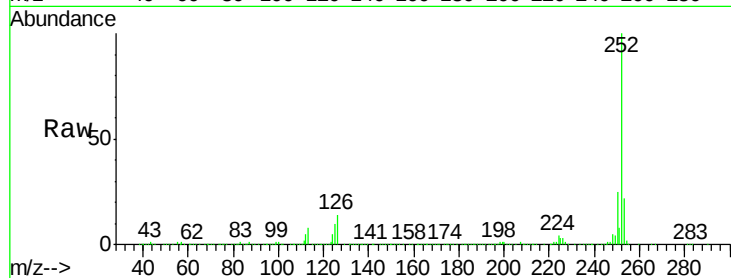
Tgt Ion:252 Resp: 885068

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

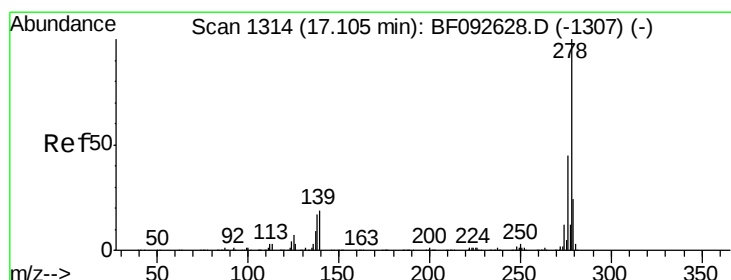
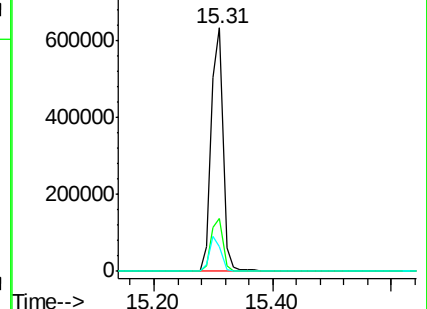
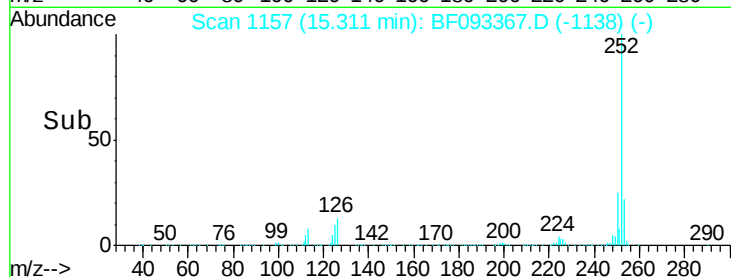
125 10.3 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.86 ng

RT: 16.75 min Scan# 1283

Delta R.T. -0.11 min

Lab File: BF093367.D

Acq: 3 Mar 2017 19:11

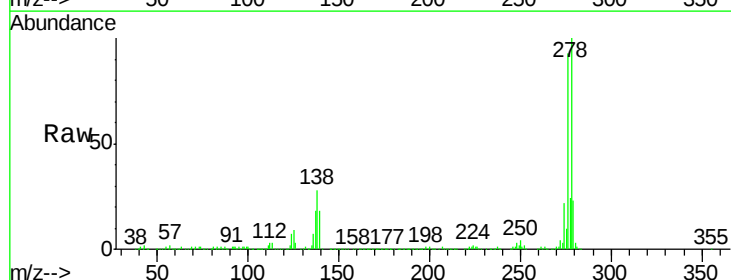
Tgt Ion:278 Resp: 709601

Ion Ratio Lower Upper

278 100

139 18.1 14.8 22.2

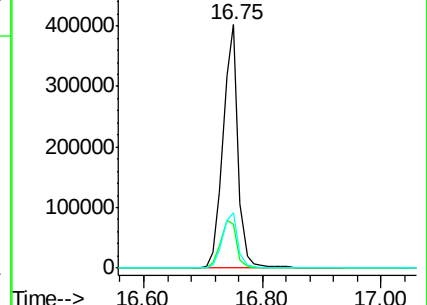
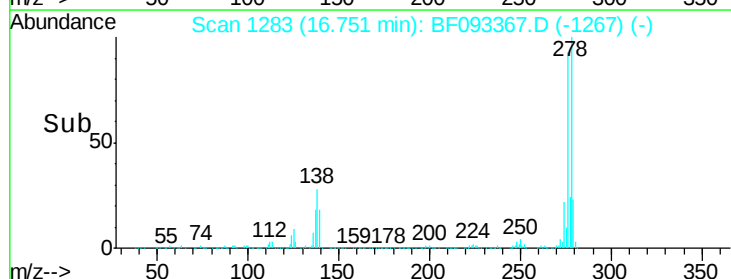
279 23.0 19.8 29.6

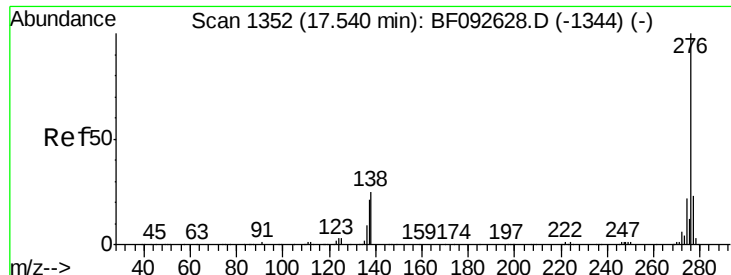


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.34 ng

RT: 17.16 min Scan# 1319

Delta R.T. -0.13 min

Lab File: BF093367.D

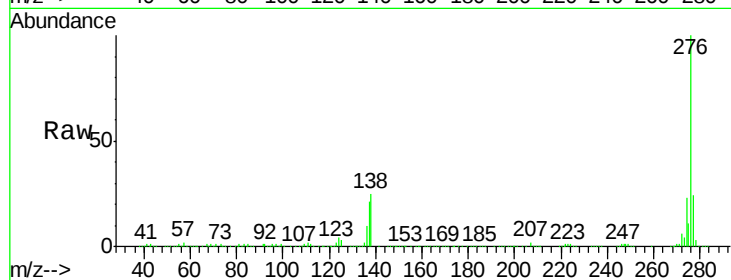
Acq: 3 Mar 2017 19:11

Instrument :

BNA_F

ClientSampleId :

PB97309BS



Tgt Ion:	276	Resp:	742228
Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	24.5	16.0	24.0#

