

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101216\
 Data File : BF090545.D
 Acq On : 12 Oct 2016 19:43
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Oct 13 00:53:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	193588	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	819736	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	438502	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	714578	20.00	ng	0.00
75) Chrysene-d12	14.13	240	533160	20.00	ng	0.00
86) Perylene-d12	15.60	264	381735	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	918406	73.81	ng	0.00
7) Phenol-d6	6.59	99	1165475	74.22	ng	0.00
23) Nitrobenzene-d5	7.51	82	972879	64.37	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	324844	74.73	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2113797	81.01	ng	0.00
78) Terphenyl-d14	13.07	244	1925288	88.25	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	217992	35.71	ng	# 78
3) Pyridine	3.37	79	546770	32.41	ng	# 73
4) n-Nitrosodimethylamine	3.32	42	141260	25.55	ng	# 25
6) Aniline	6.61	93	716020	35.94	ng	# 76
8) 2-Chlorophenol	6.74	128	537024	40.57	ng	88
9) Benzaldehyde	6.50	77	335761	33.94	ng	95
10) Phenol	6.60	94	666305	37.62	ng	95
11) bis(2-Chloroethyl)ether	6.68	93	503500	37.98	ng	94
12) 1,3-Dichlorobenzene	6.89	146	547538	38.34	ng	# 94
13) 1,4-Dichlorobenzene	6.97	146	604683	41.50	ng	98
14) 1,2-Dichlorobenzene	7.13	146	529375	39.98	ng	95
15) Benzyl Alcohol	7.09	79	401667	33.31	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	510811	26.88	ng	56
17) 2-Methylphenol	7.21	107	403989	37.52	ng	99
18) Hexachloroethane	7.46	117	200391	37.27	ng	94
19) n-Nitroso-di-n-propylamine	7.37	70	351457	35.09	ng	# 74
20) 3+4-Methylphenols	7.37	107	501906	36.82	ng	# 81
22) Acetophenone	7.37	105	687885	38.12	ng	# 90
24) Nitrobenzene	7.54	77	549616	33.91	ng	# 86
25) Isophorone	7.78	82	903146	32.83	ng	# 93
26) 2-Nitrophenol	7.86	139	279641	37.81	ng	92
27) 2,4-Dimethylphenol	7.89	122	473181	37.64	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	566118	33.33	ng	# 96
29) 2,4-Dichlorophenol	8.10	162	439999	41.85	ng	94
30) 1,2,4-Trichlorobenzene	8.18	180	492987	40.82	ng	98
31) Naphthalene	8.26	128	1598865	39.15	ng	98
32) Benzoic acid	8.02	122	281765	28.40	ng	95
33) 4-Chloroaniline	8.31	127	675105	39.05	ng	# 88
34) Hexachlorobutadiene	8.38	225	268556	39.77	ng	98
35) Caprolactam	8.68	113	120108	35.23	ng	# 66
36) 4-Chloro-3-methylphenol	8.79	107	477701	38.90	ng	97
37) 2-Methylnaphthalene	8.95	142	1032776	37.68	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	460233	37.49	ng	99
40) Hexachlorocyclopentadiene	9.10	237	207118	33.99	ng	99

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 Response via : Initial Calibration

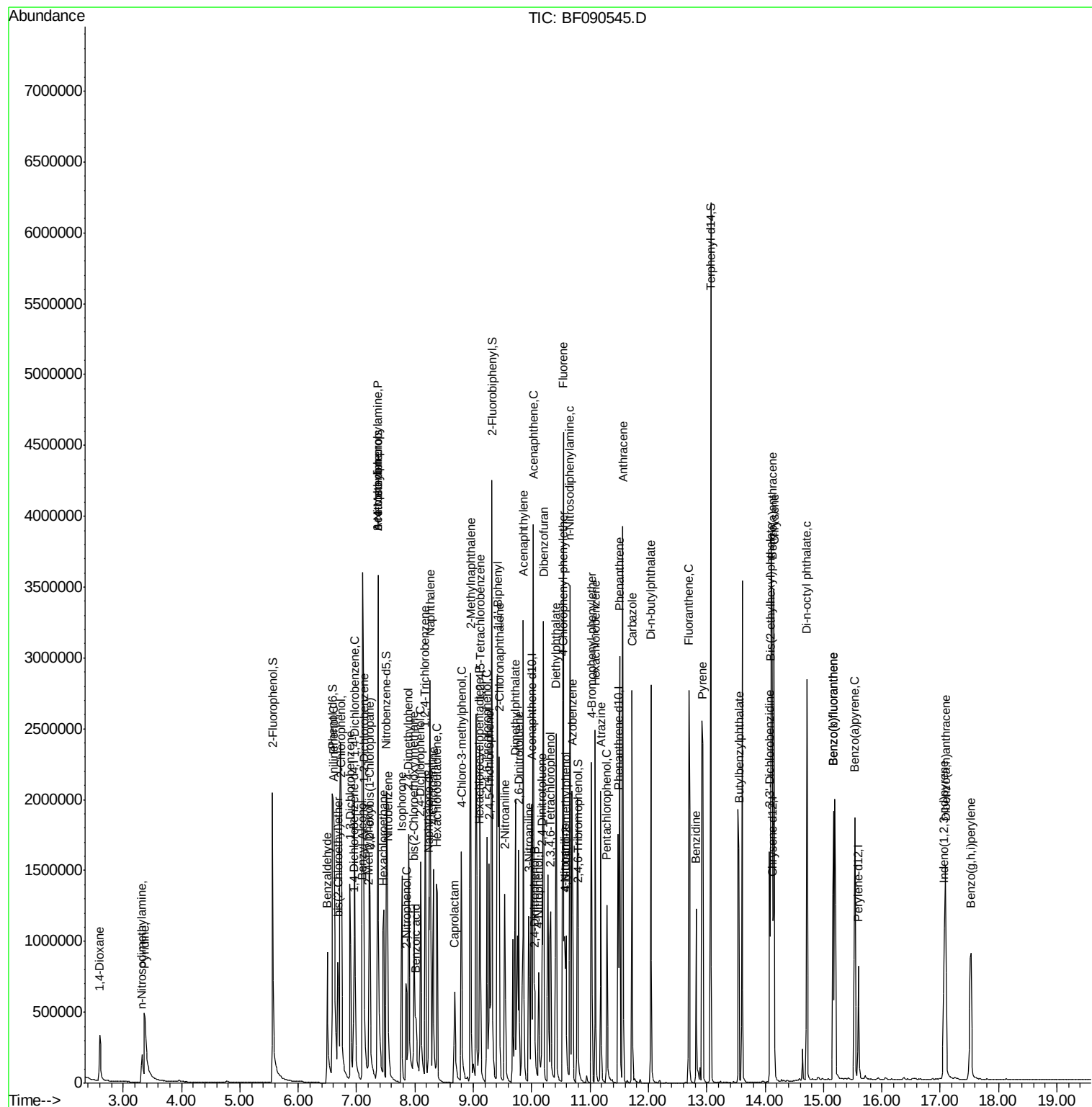
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42) 2,4,6-Trichlorophenol	9.23	196	296047	35.77	ng	98
43) 2,4,5-Trichlorophenol	9.27	196	341307	41.67	ng #	92
45) 1,1'-Biphenyl	9.41	154	1244841	37.17	ng	96
46) 2-Chloronaphthalene	9.45	162	988424	39.67	ng	92
47) 2-Nitroaniline	9.54	65	308086	34.66	ng	96
48) Acenaphthylene	9.86	152	1520575	37.82	ng	98
49) Dimethylphthalate	9.72	163	1146904	38.89	ng	98
50) 2,6-Dinitrotoluene	9.78	165	253314	38.90	ng #	84
51) Acenaphthene	10.03	154	996767	36.99	ng	99
52) 3-Nitroaniline	9.95	138	287949	35.64	ng	96
53) 2,4-Dinitrophenol	10.05	184	91561	25.34	ng #	59
54) Dibenzofuran	10.20	168	1323735	36.92	ng	96
55) 4-Nitrophenol	10.12	139	196663	31.32	ng #	84
56) 2,4-Dinitrotoluene	10.18	165	320400	37.20	ng #	42
57) Fluorene	10.54	166	1078440	36.85	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	256423	37.53	ng	95
59) Diethylphthalate	10.42	149	1132357	37.75	ng	95
60) 4-Chlorophenyl-phenylether	10.53	204	503734	37.30	ng	93
61) 4-Nitroaniline	10.57	138	296186	35.93	ng	94
62) Azobenzene	10.69	77	1120438	34.21	ng	89
64) 4,6-Dinitro-2-methylphenol	10.59	198	157466	32.99	ng #	70
65) n-Nitrosodiphenylamine	10.66	169	943033	40.58	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	302394	38.19	ng #	91
67) Hexachlorobenzene	11.09	284	353222	40.38	ng	95
68) Atrazine	11.18	200	284153	39.51	ng	98
69) Pentachlorophenol	11.29	266	169391	32.55	ng	99
70) Phenanthrene	11.50	178	1476395	37.49	ng	97
71) Anthracene	11.56	178	1570925	39.37	ng	98
72) Carbazole	11.72	167	1442748	38.29	ng	96
73) Di-n-butylphthalate	12.04	149	1634964	36.03	ng	98
74) Fluoranthene	12.69	202	1494936	37.19	ng	99
76) Benzidine	12.82	184	535815	31.98	ng	98
77) Pyrene	12.93	202	1559746	46.74	ng	97
79) Butylbenzylphthalate	13.55	149	701642	44.91	ng	88
80) Benzo(a)anthracene	14.12	228	1318977	41.51	ng	98
81) 3,3'-Dichlorobenzidine	14.08	252	440747	38.54	ng #	95
82) Chrysene	14.16	228	1277017	43.18	ng	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	964335	42.30	ng #	96
84) Di-n-octyl phthalate	14.72	149	1432685	40.58	ng #	86
85) Indeno(1,2,3-cd)pyrene	17.07	276	936201	38.02	ng	98
87) Benzo(b)fluoranthene	15.17	252	1030360	40.91	ng	99
88) Benzo(k)fluoranthene	15.17	252	1030360	45.93	ng #	95
89) Benzo(a)pyrene	15.54	252	895424	40.48	ng	98
90) Dibenzo(a,h)anthracene	17.09	278	811845	43.21	ng #	96
91) Benzo(g,h,i)perylene	17.53	276	805426	46.35	ng	97

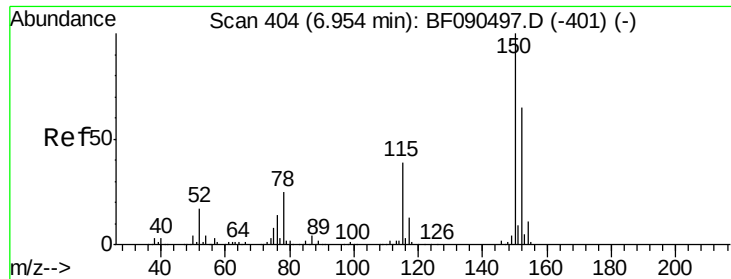
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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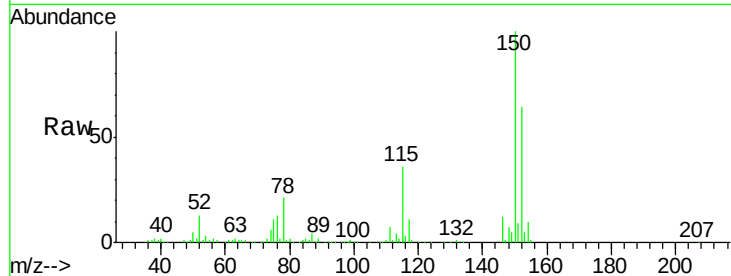


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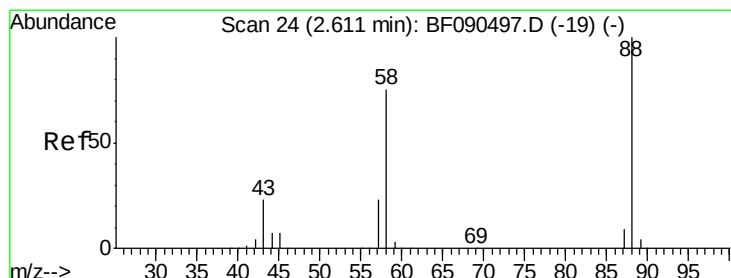
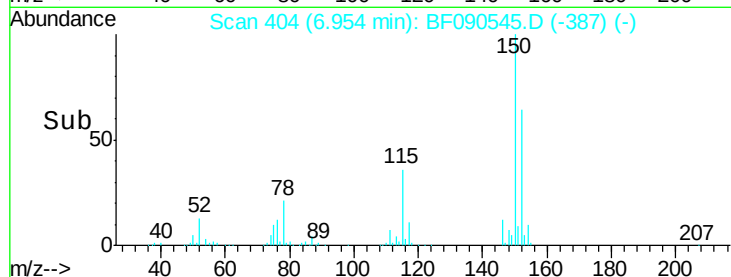
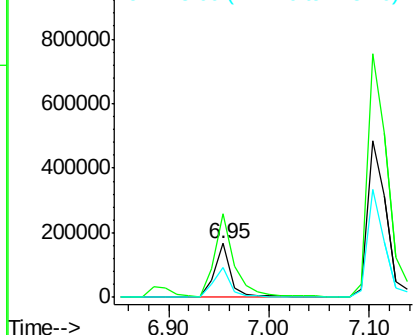
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 193588
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 56.4 46.2 69.4



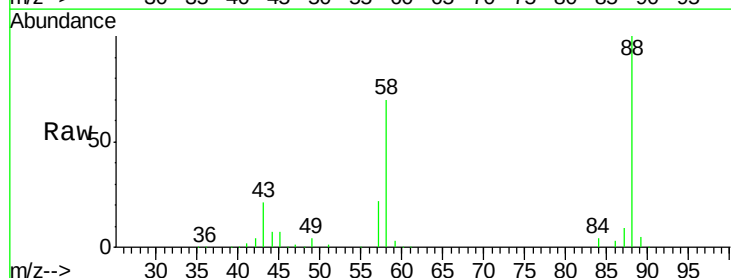
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



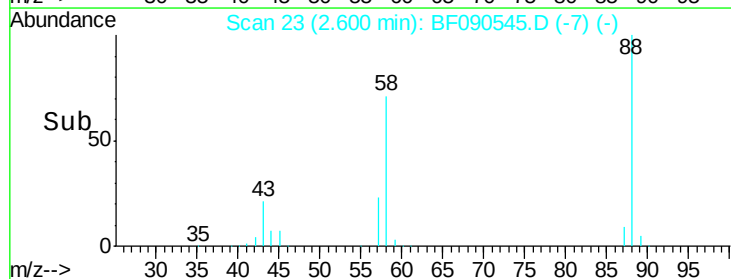
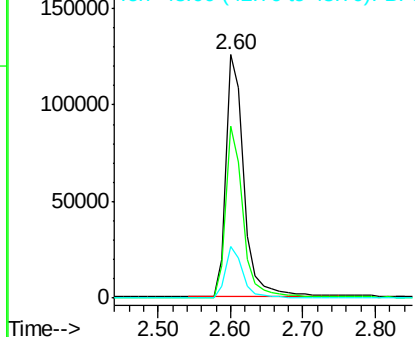
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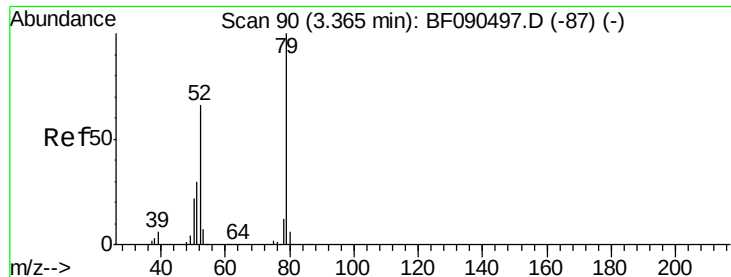
1,4-Dioxane
Concen: 35.71 ng
RT: 2.60 min Scan# 23
Delta R.T. -0.01 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Tgt Ion: 88 Resp: 217992
Ion Ratio Lower Upper
88 100
58 69.7 71.2 106.8#
43 21.6 29.8 44.6#



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





#3

Pyridine

Concen: 32.41 ng

RT: 3.37 min Scan# 90

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

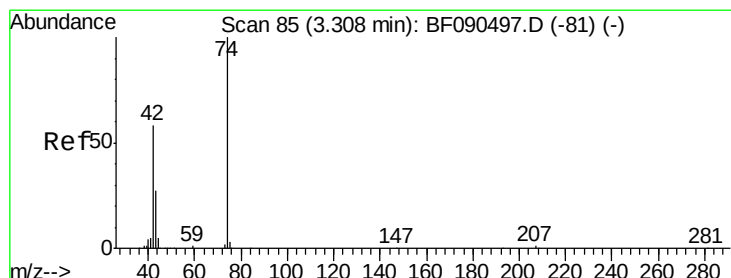
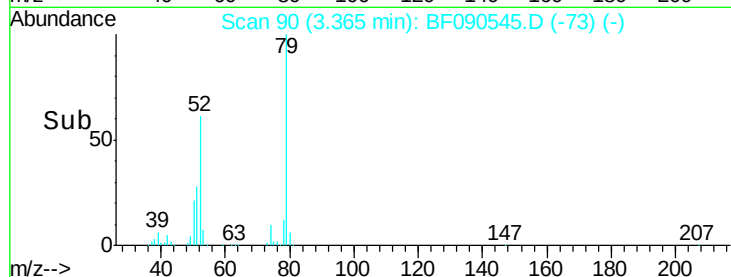
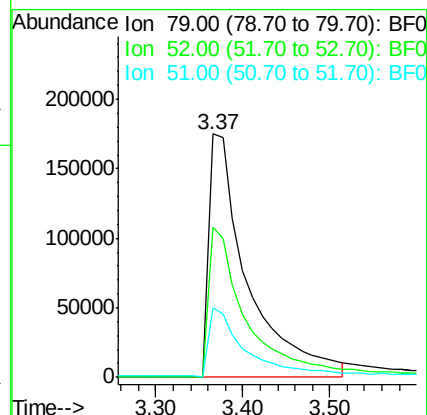
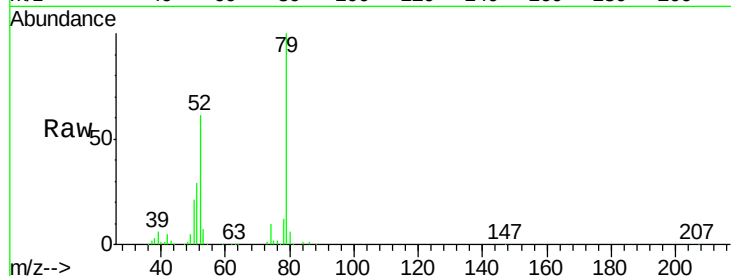
Tgt Ion: 79 Resp: 546770

Ion Ratio Lower Upper

79 100

52 61.5 71.3 106.9#

51 28.5 34.5 51.7#



#4

n-Nitrosodimethylamine

Concen: 25.55 ng

RT: 3.32 min Scan# 86

Delta R.T. 0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

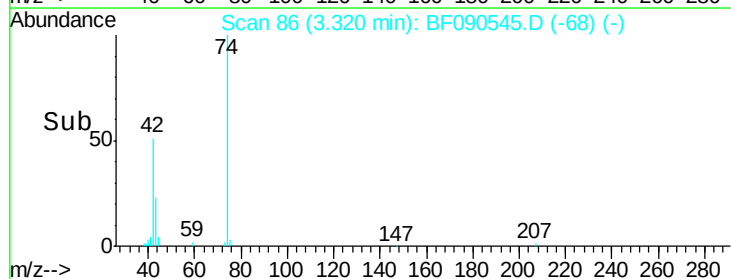
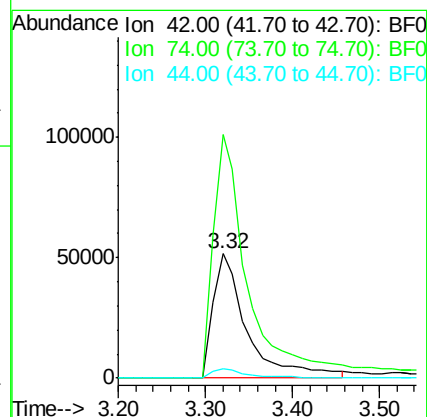
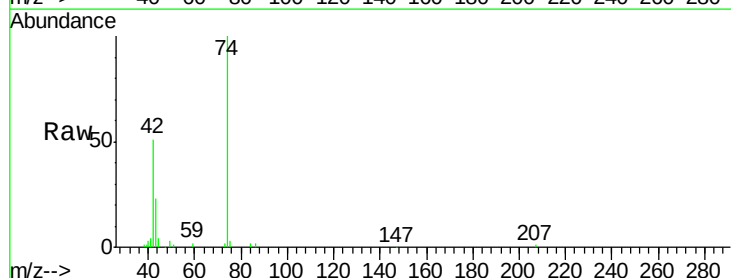
Tgt Ion: 42 Resp: 141260

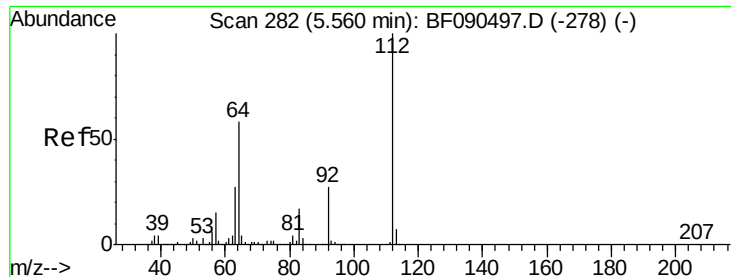
Ion Ratio Lower Upper

42 100

74 196.3 88.9 133.3#

44 7.9 6.5 9.7





#5

2-Fluorophenol

Concen: 73.81 ng

RT: 5.56 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

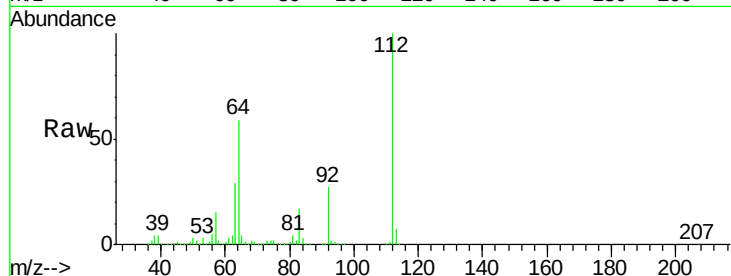
Tgt Ion: 112 Resp: 918406

Ion Ratio Lower Upper

112 100

64 58.6 57.9 86.9

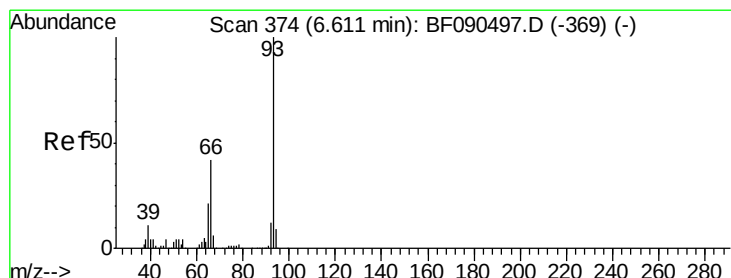
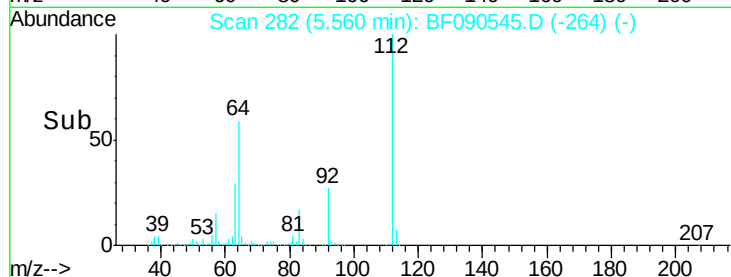
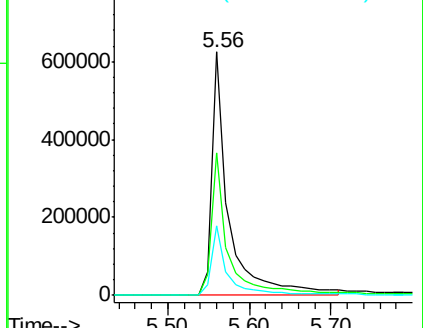
63 28.6 29.6 44.4#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 35.94 ng

RT: 6.61 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

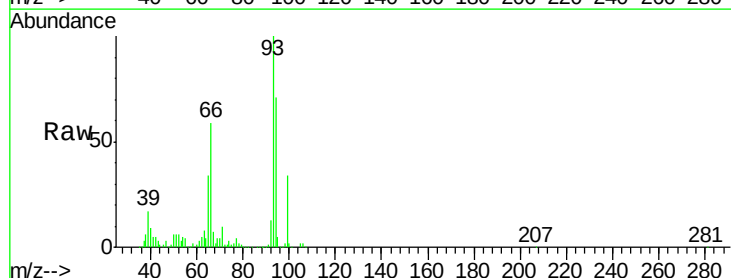
Tgt Ion: 93 Resp: 716020

Ion Ratio Lower Upper

93 100

66 58.5 34.5 51.7#

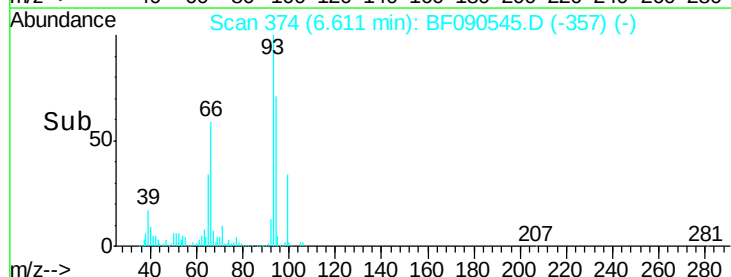
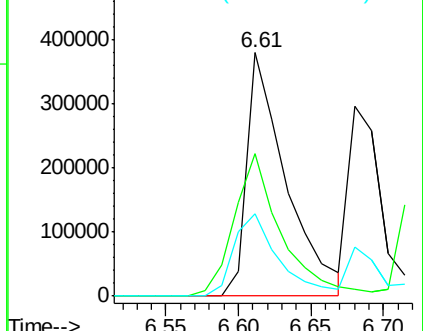
65 33.8 18.2 27.2#

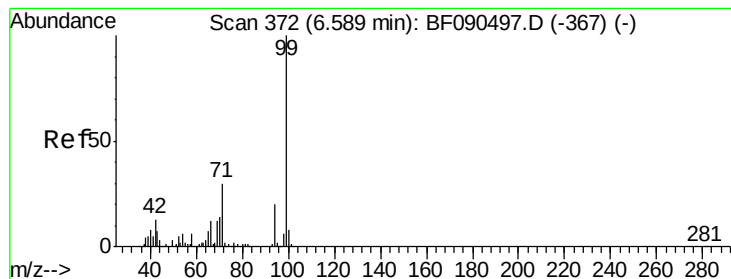


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 74.22 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090545.D

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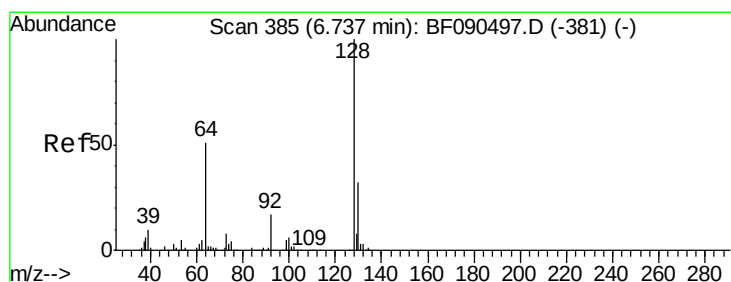
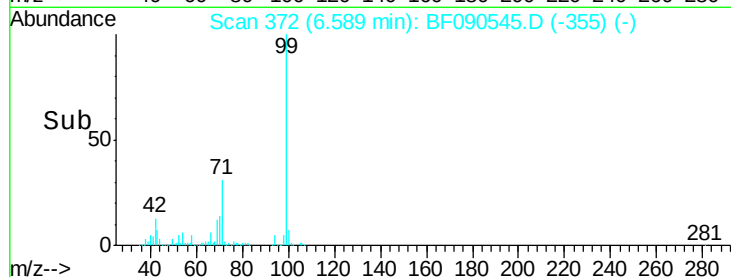
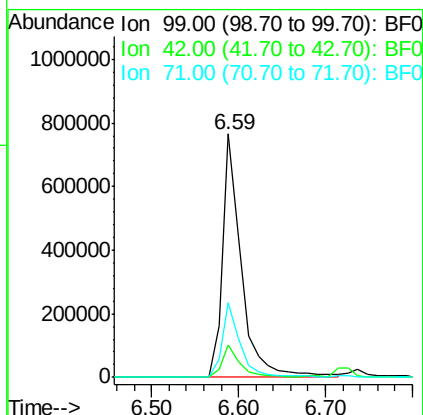
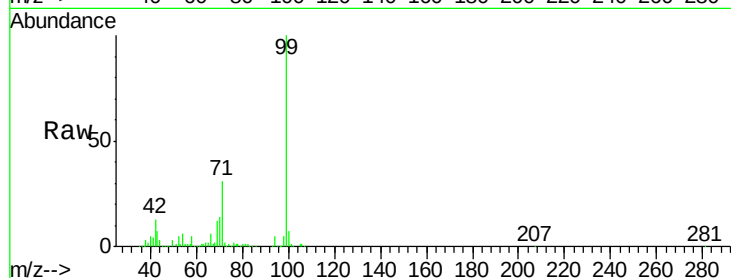
Tgt Ion: 99 Resp: 1165475

Ion Ratio Lower Upper

99 100

42 13.2 20.0 30.0#

71 30.7 27.9 41.9



#8

2-Chlorophenol

Concen: 40.57 ng

RT: 6.74 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

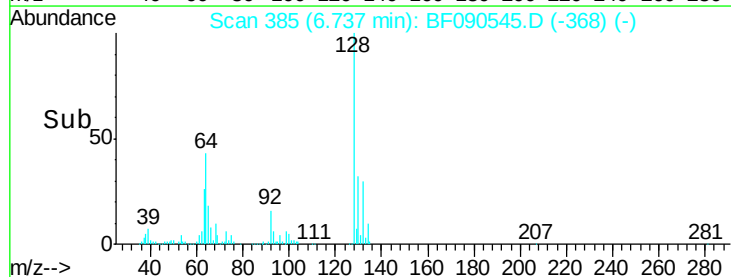
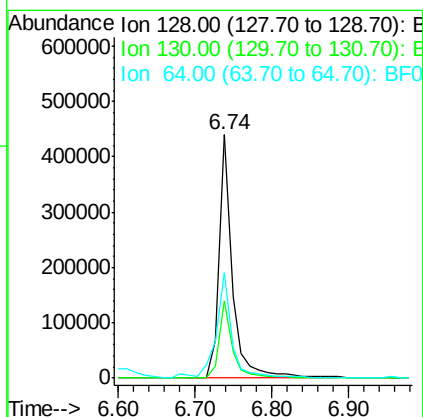
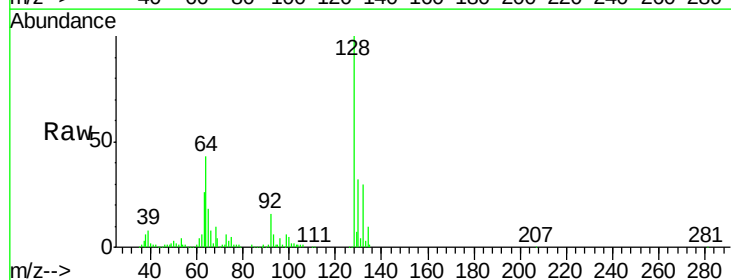
Tgt Ion: 128 Resp: 537024

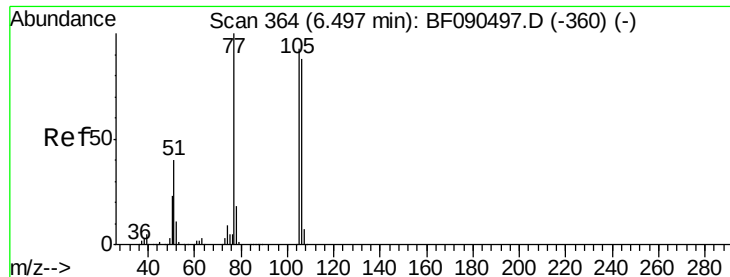
Ion Ratio Lower Upper

128 100

130 31.8 13.3 53.3

64 43.4 36.0 76.0





#9

Benzaldehyde

Concen: 33.94 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090545.D

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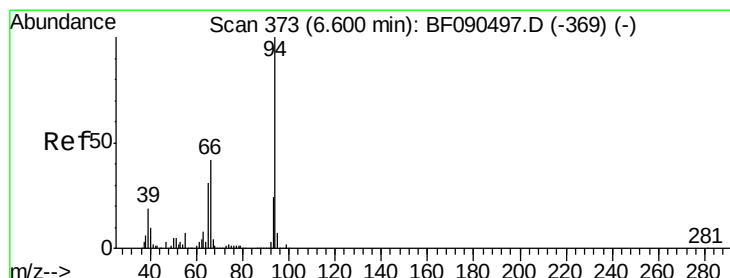
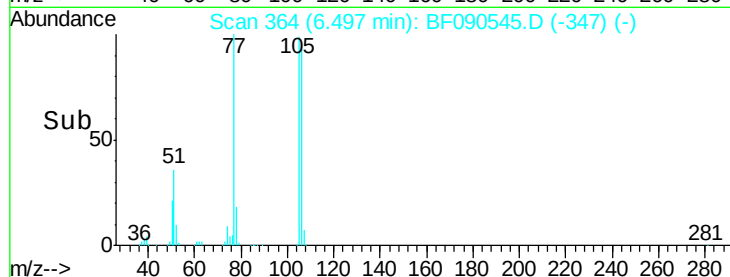
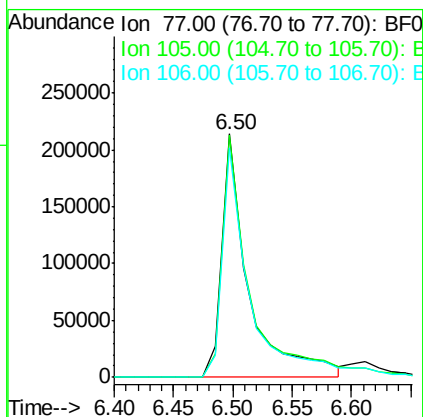
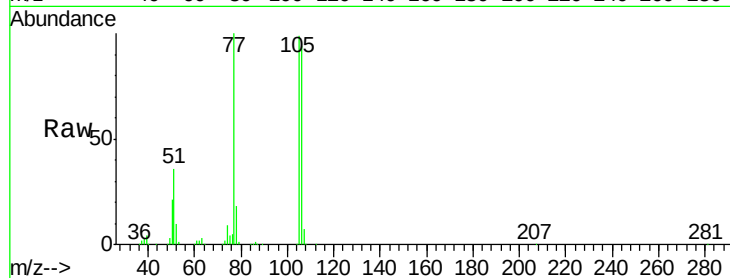
Tgt Ion: 77 Resp: 335761

Ion Ratio Lower Upper

77 100

105 99.5 73.1 113.1

106 94.3 70.2 110.2



#10

Phenol

Concen: 37.62 ng

RT: 6.60 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

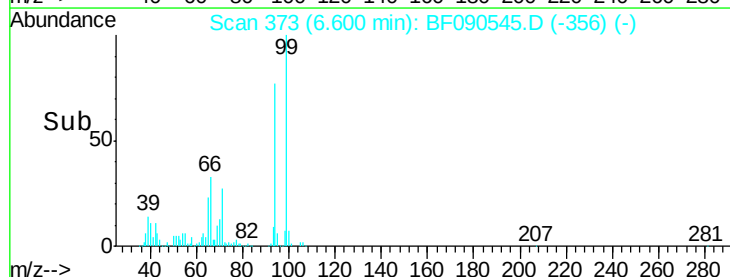
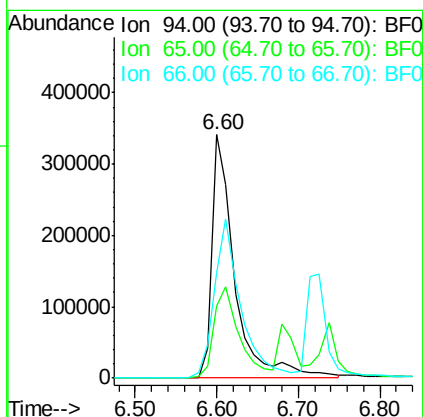
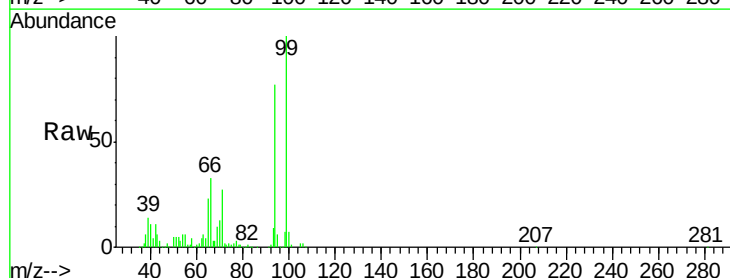
Tgt Ion: 94 Resp: 666305

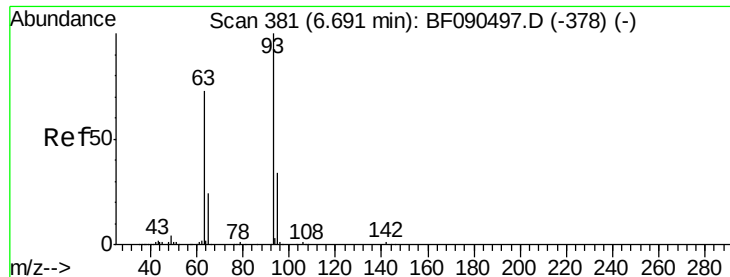
Ion Ratio Lower Upper

94 100

65 29.7 13.3 53.3

66 43.0 20.4 60.4





#11

bis(2-Chloroethyl)ether

Concen: 37.98 ng

RT: 6.68 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

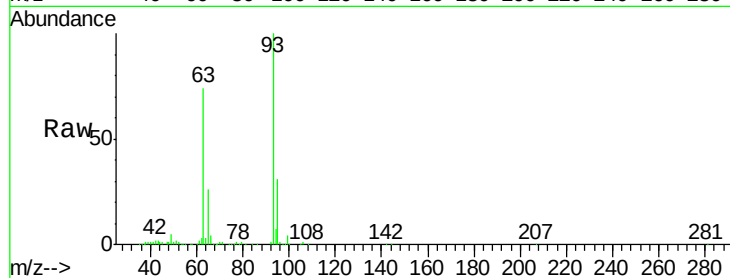
Tgt Ion: 93 Resp: 503500

Ion Ratio Lower Upper

93 100

63 74.2 59.7 99.7

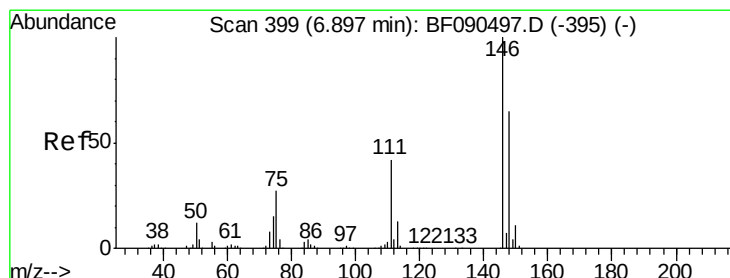
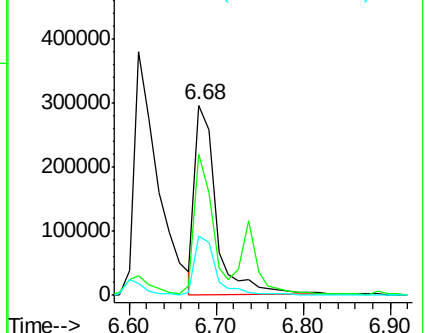
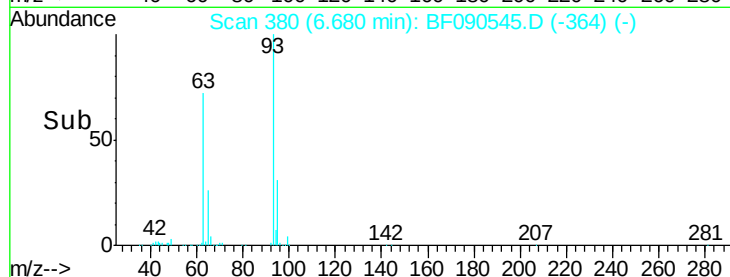
95 31.4 14.0 54.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 38.34 ng

RT: 6.89 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

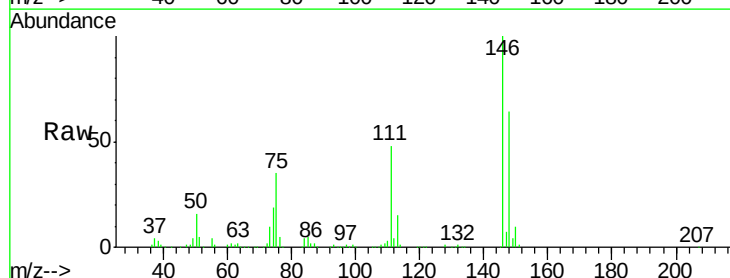
Tgt Ion: 146 Resp: 547538

Ion Ratio Lower Upper

146 100

148 63.9 52.2 78.4

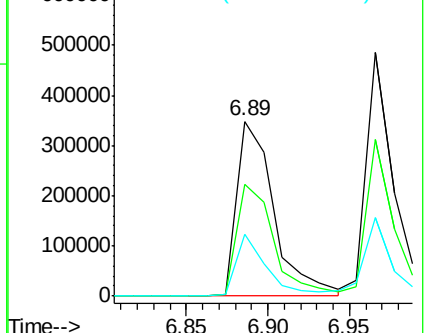
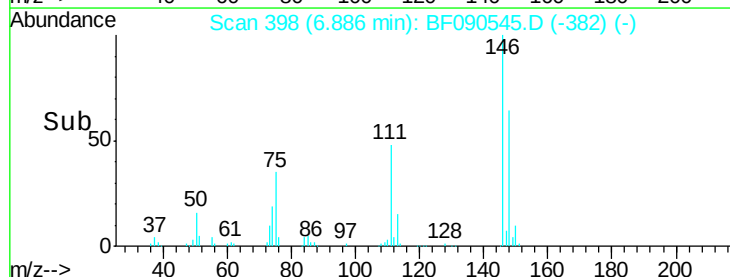
75 35.3 21.4 32.2#

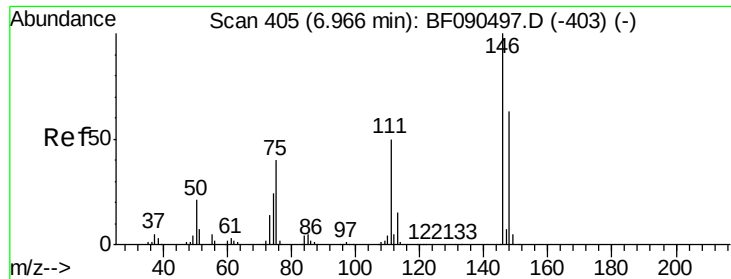


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

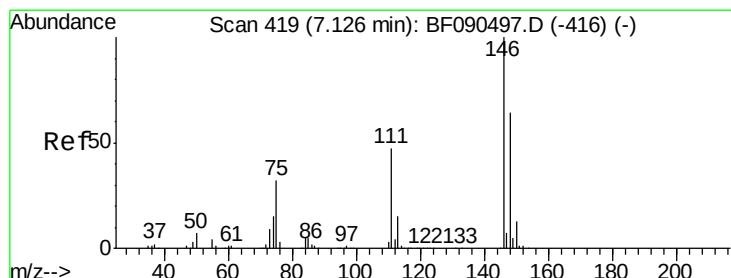
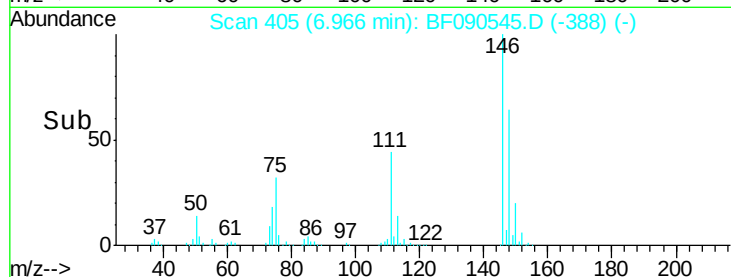
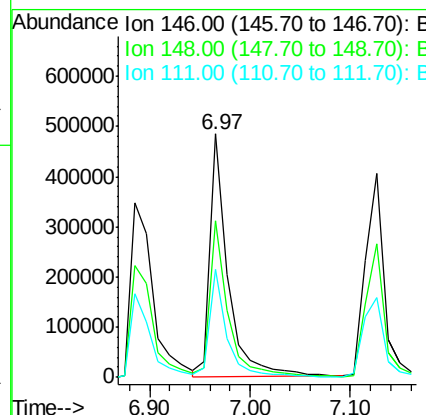
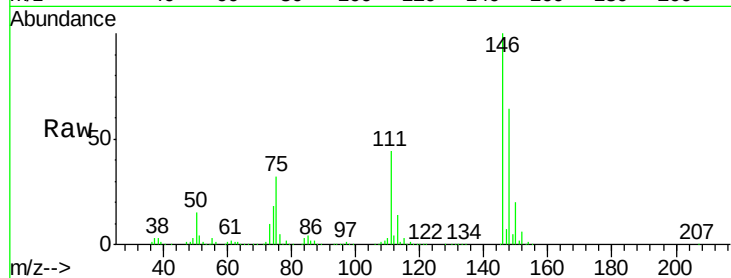




#13
 1,4-Dichlorobenzene
 Concen: 41.50 ng
 RT: 6.97 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

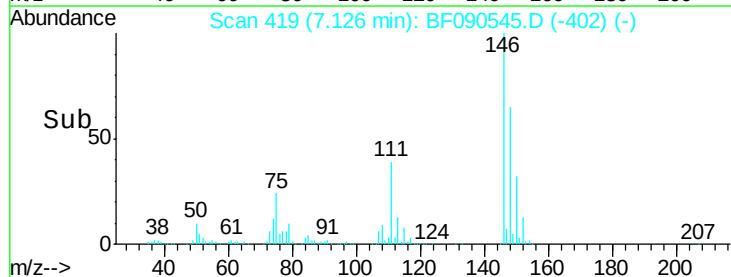
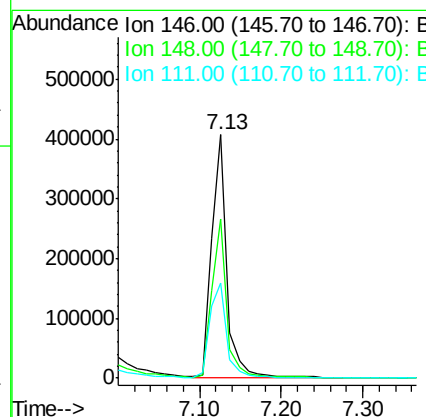
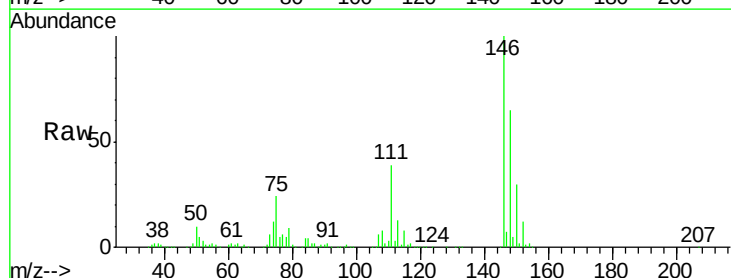
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

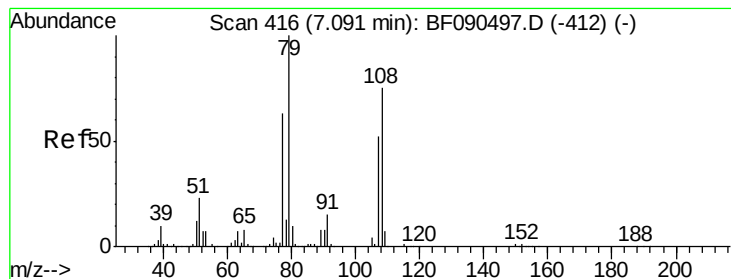
Tgt Ion:146 Resp: 604683
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.1 76.7
 111 44.3 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 39.98 ng
 RT: 7.13 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Tgt Ion:146 Resp: 529375
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.3 78.5
 111 39.3 38.2 57.4





#15

Benzyl Alcohol

Concen: 33.31 ng

RT: 7.09 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

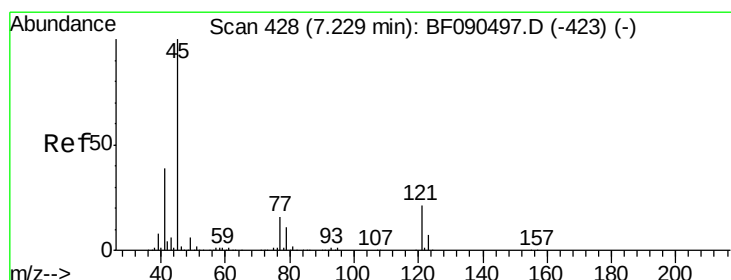
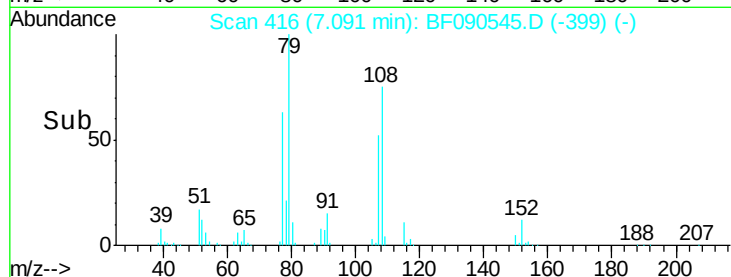
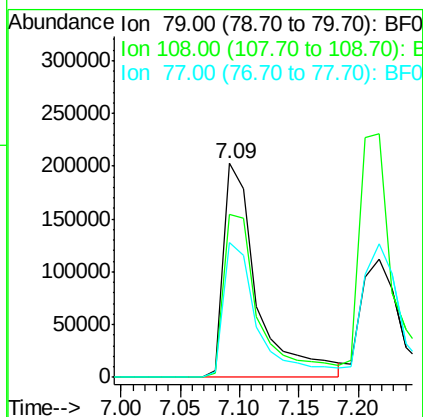
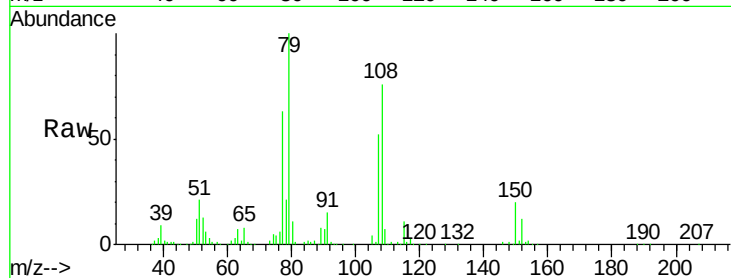
Tgt Ion: 79 Resp: 401667

Ion Ratio Lower Upper

79 100

108 76.2 60.9 91.3

77 62.9 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 26.88 ng

RT: 7.23 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

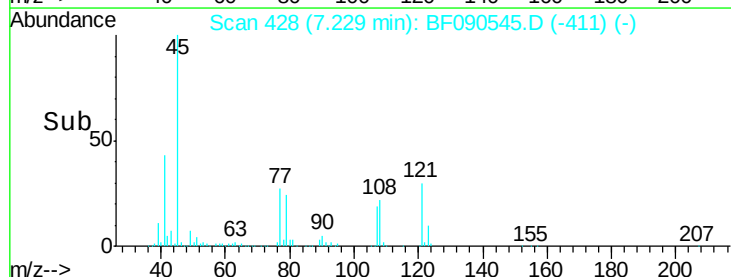
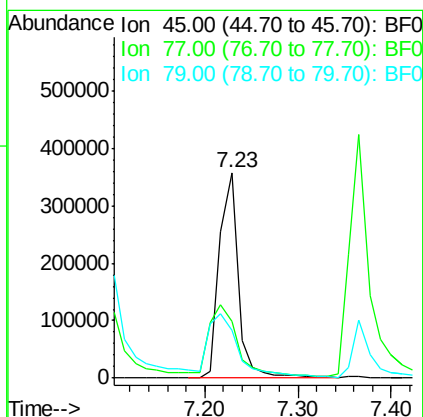
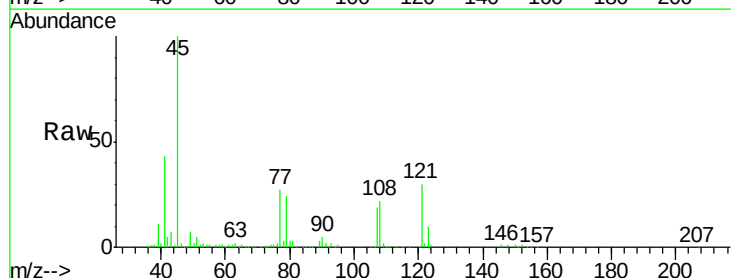
Tgt Ion: 45 Resp: 510811

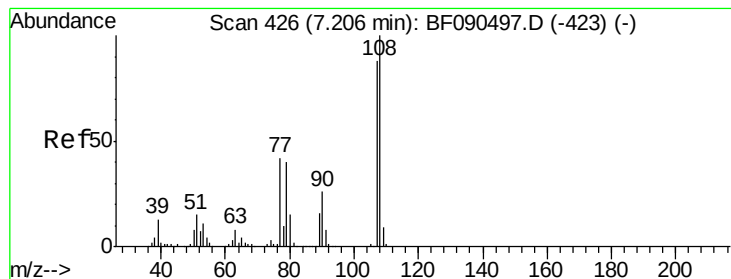
Ion Ratio Lower Upper

45 100

77 27.4 0.0 30.8

79 23.5 0.0 28.2





#17

2-Methylphenol

Concen: 37.52 ng

RT: 7.21 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 403989

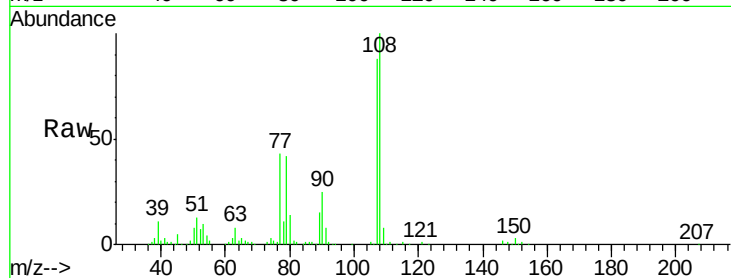
Ion Ratio Lower Upper

107 100

108 113.1 90.9 136.3

77 48.5 38.2 57.4

79 47.4 37.0 55.4

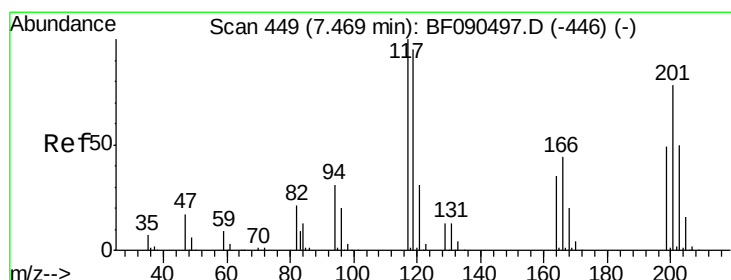
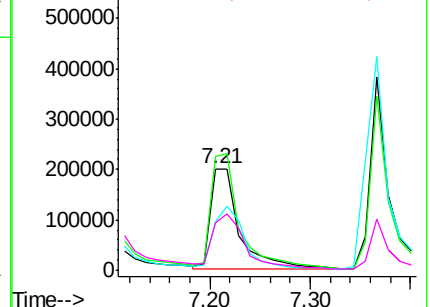
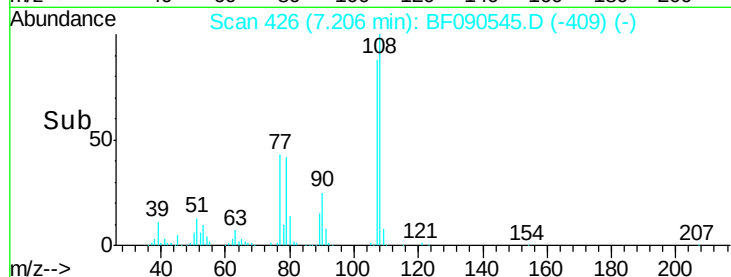


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.27 ng

RT: 7.46 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

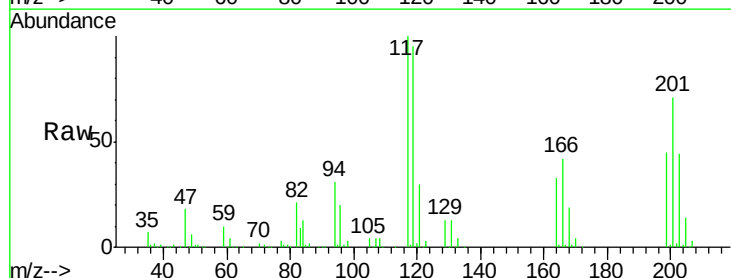
Tgt Ion:117 Resp: 200391

Ion Ratio Lower Upper

117 100

119 95.1 75.9 113.9

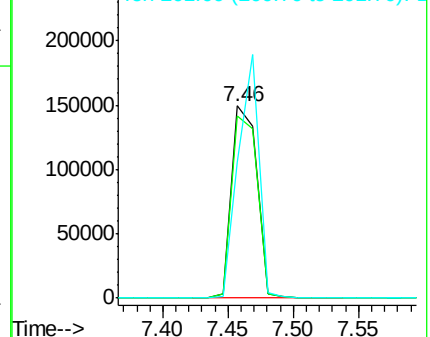
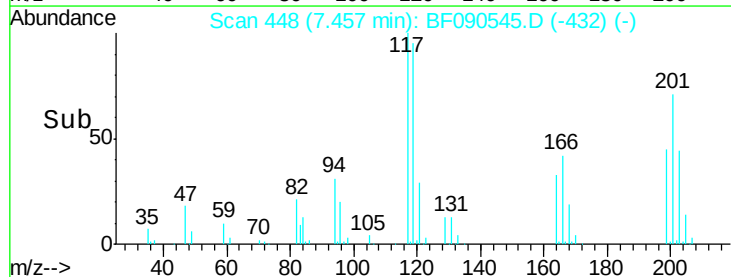
201 71.0 66.5 99.7

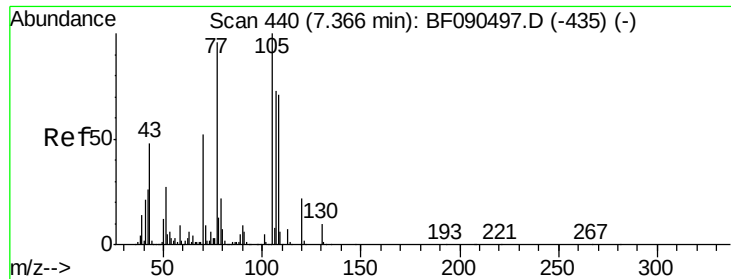


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

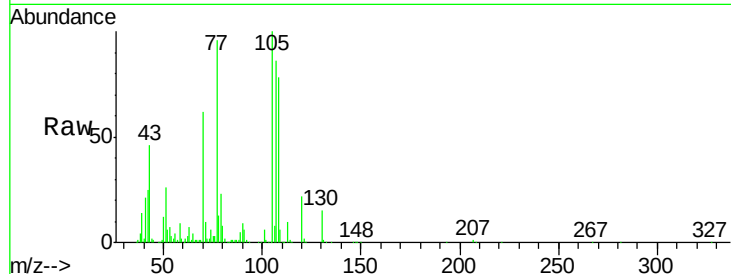




#19
n-Nitroso-di-n-propylamine
Concen: 35.09 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	70	Resp:	351457
Ion	Ratio	Lower	Upper
70	100		
42	40.4	55.4	83.2#
101	9.8	7.6	11.4
130	23.6	16.5	24.7



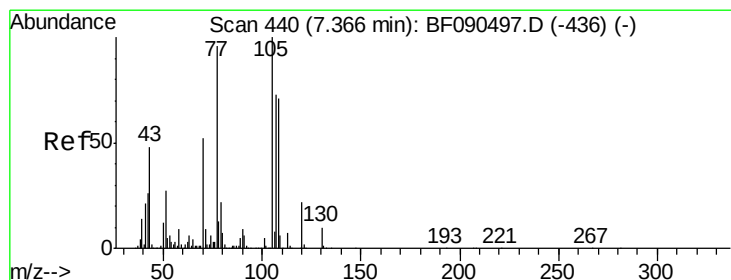
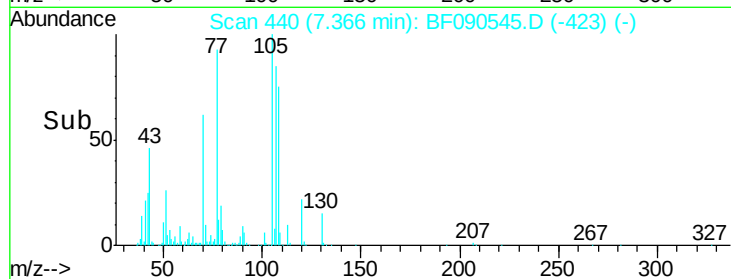
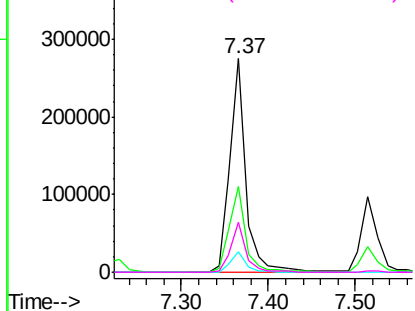
Abundance

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: 36.82 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Tgt Ion:	107	Resp:	501906
Ion	Ratio	Lower	Upper
107	100		
108	90.3	66.7	106.7
77	110.7	53.7	93.7#
79	26.5	8.4	48.4

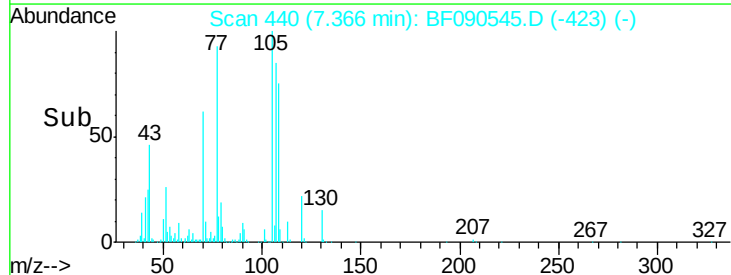
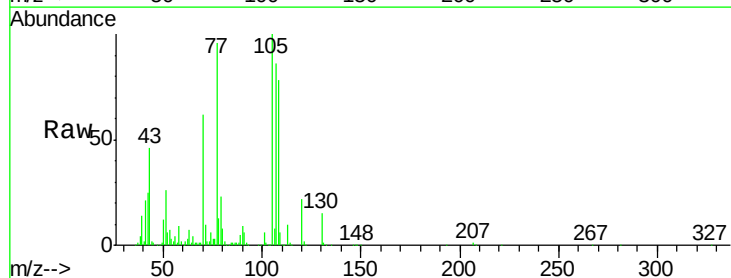
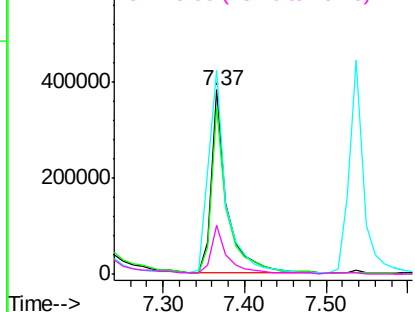
Abundance

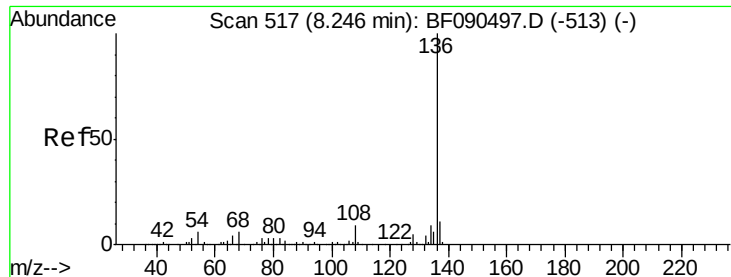
Ion 107.00 (106.70 to 107.70): E

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: 8.23 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 819736

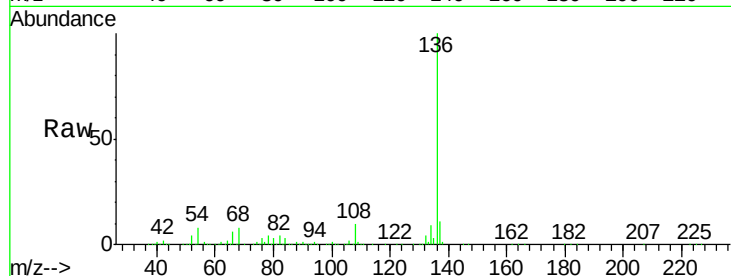
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 8.2 6.6 10.0

68 7.6 5.0 7.6#

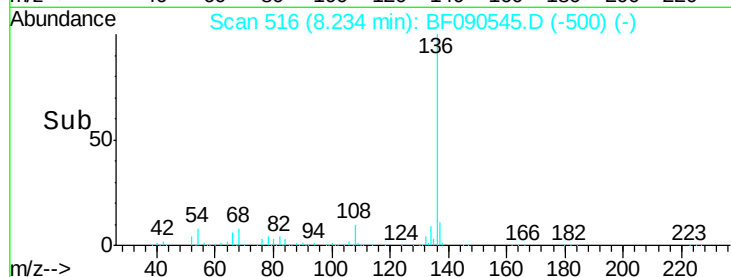


Abundance Ion 136.00 (135.70 to 136.70): E

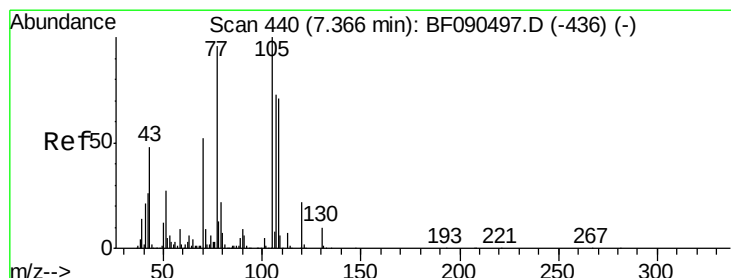
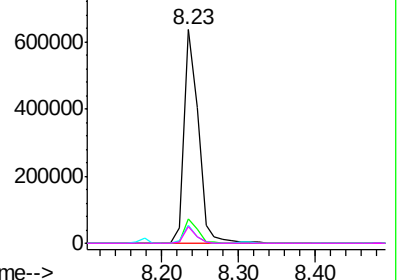
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 38.12 ng

RT: 7.37 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Tgt Ion:105 Resp: 687885

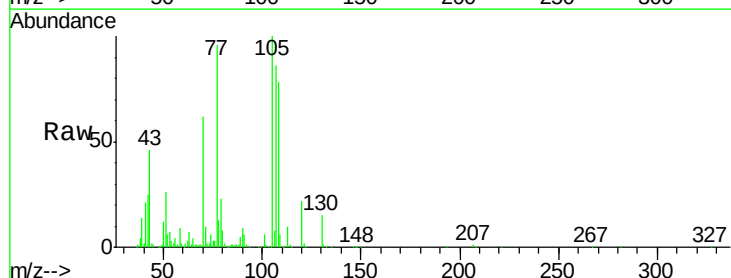
Ion Ratio Lower Upper

105 100

71 10.3 3.8 5.6#

51 26.3 28.2 42.4#

120 22.0 17.4 26.2

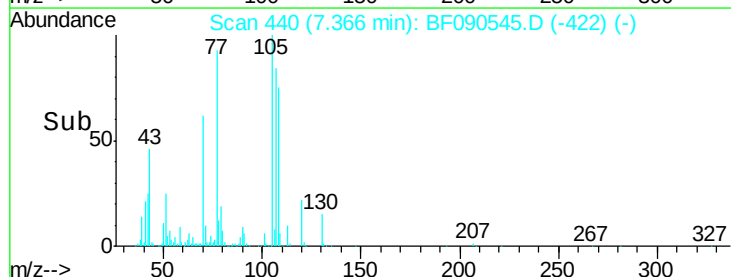


Abundance Ion 105.00 (104.70 to 105.70): E

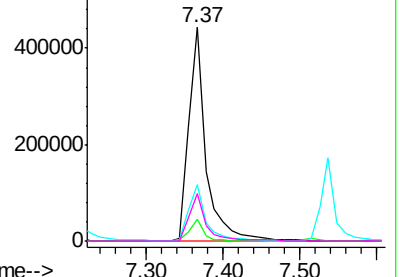
Ion 71.00 (70.70 to 71.70): BF0

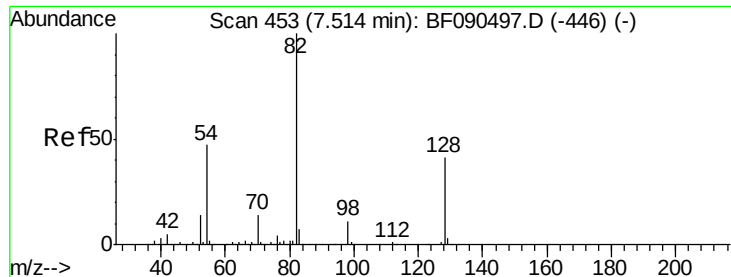
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

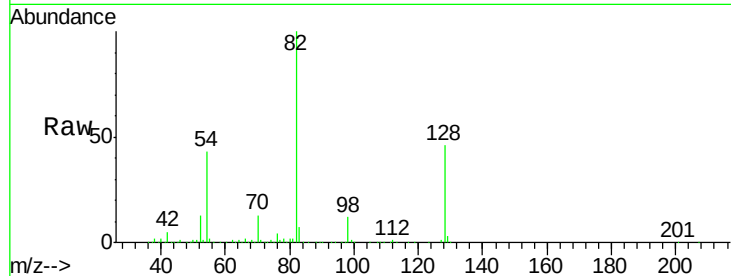




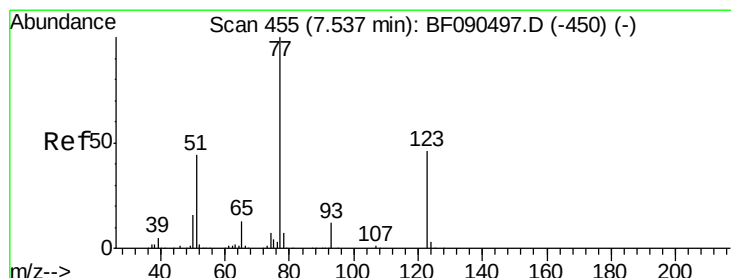
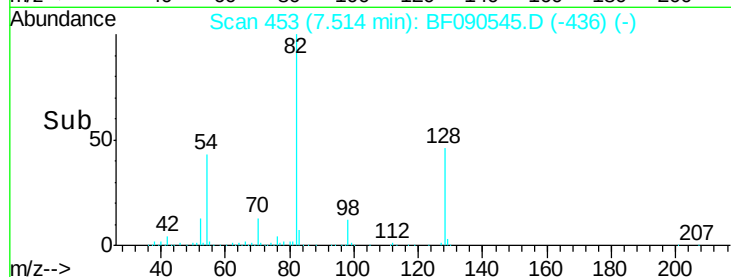
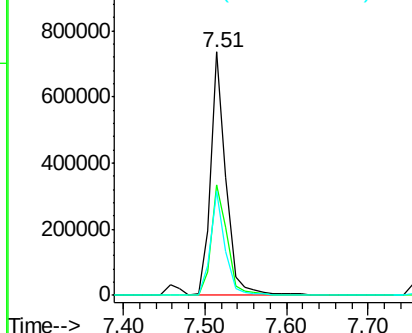
#23
Nitrobenzene-d5
Concen: 64.37 ng
RT: 7.51 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 972879
Ion Ratio Lower Upper
82 100
128 45.5 40.0 60.0
54 42.6 42.6 64.0

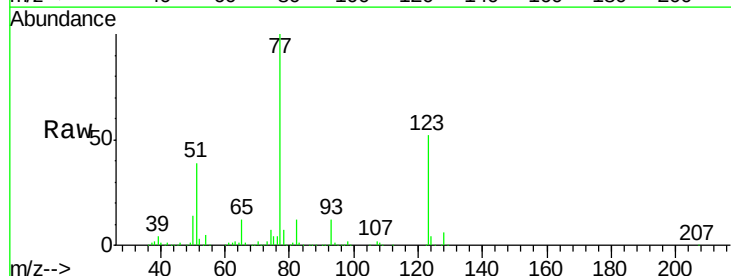


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

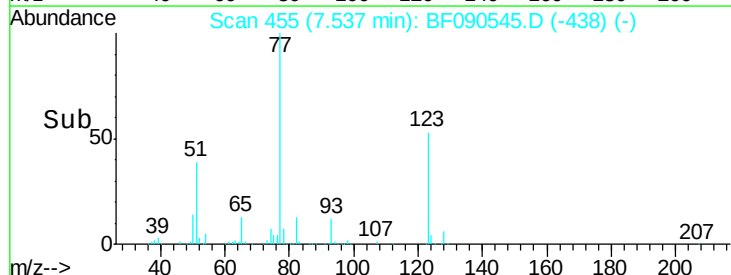
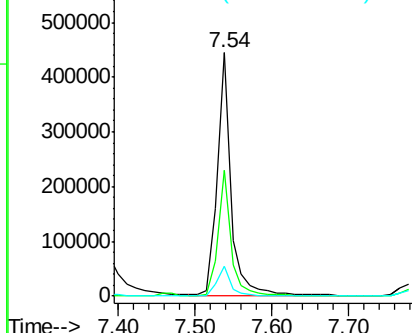


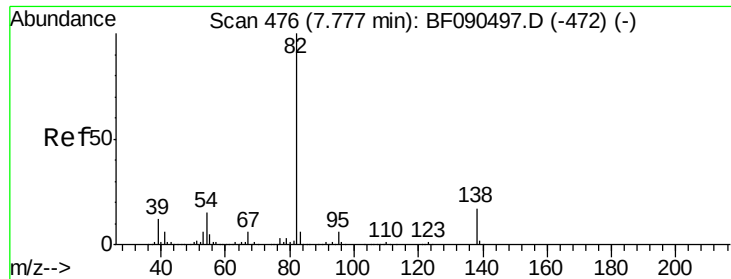
#24
Nitrobenzene
Concen: 33.91 ng
RT: 7.54 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Tgt Ion: 77 Resp: 549616
Ion Ratio Lower Upper
77 100
123 51.9 33.0 49.4#
65 12.4 12.0 18.0



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: 32.83 ng

RT: 7.78 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

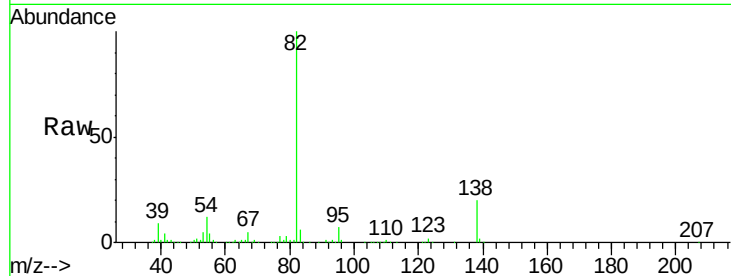
Tgt Ion: 82 Resp: 903146

Ion Ratio Lower Upper

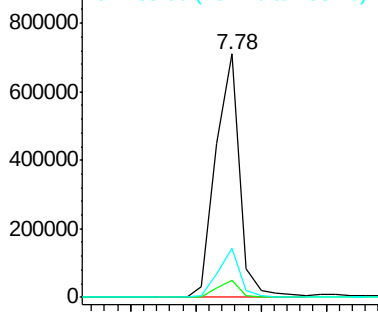
82 100

95 6.9 5.2 7.8

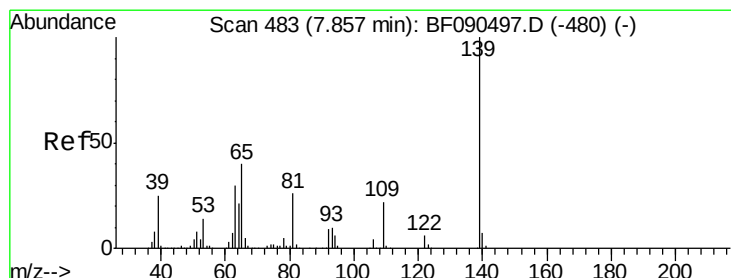
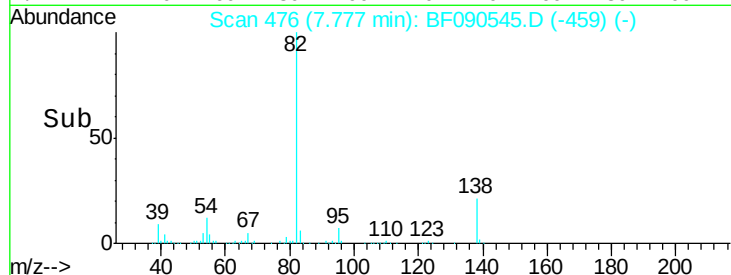
138 20.4 13.0 19.4#



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



Time-->



#26

2-Nitrophenol

Concen: 37.81 ng

RT: 7.86 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

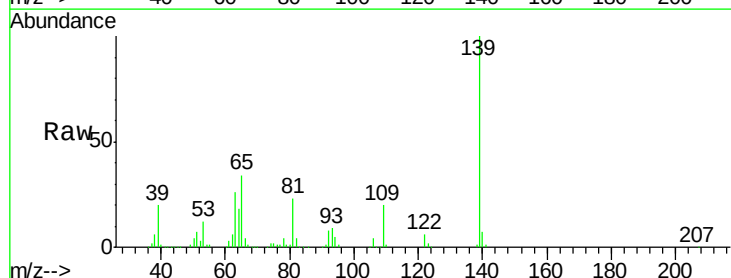
Tgt Ion: 139 Resp: 279641

Ion Ratio Lower Upper

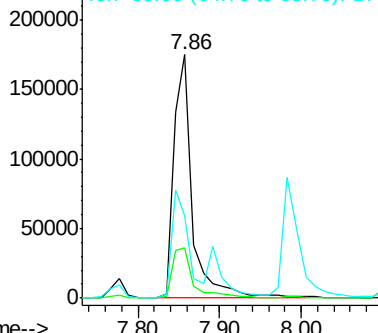
139 100

109 20.5 18.9 28.3

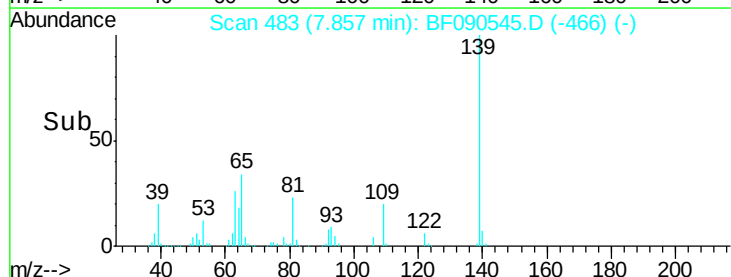
65 34.0 31.6 47.4

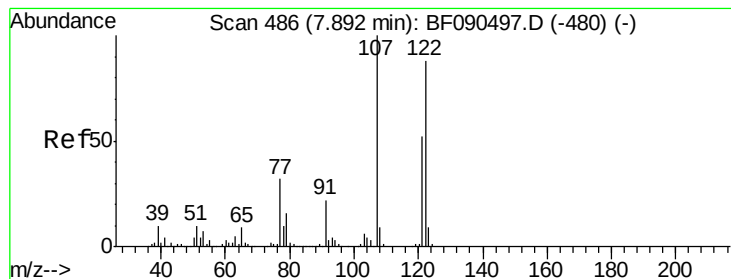


Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



Time-->





#27

2,4-Dimethylphenol

Concen: 37.64 ng

RT: 7.89 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

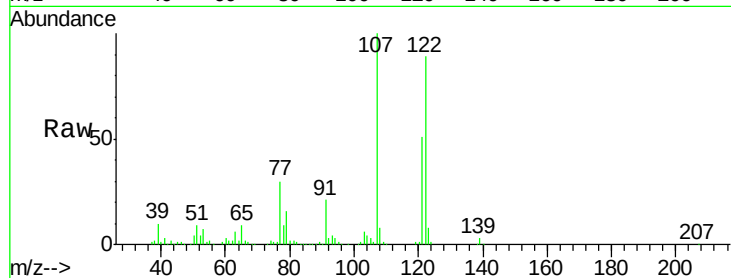
Tgt Ion:122 Resp: 473181

Ion Ratio Lower Upper

122 100

107 112.4 88.6 132.8

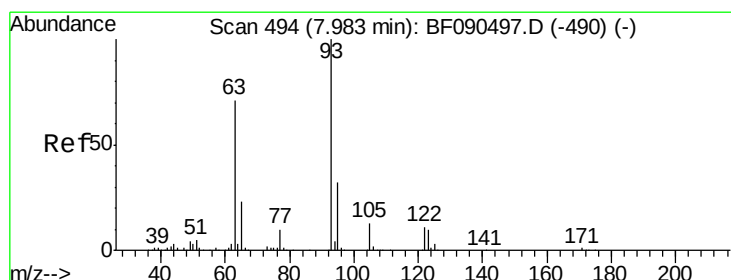
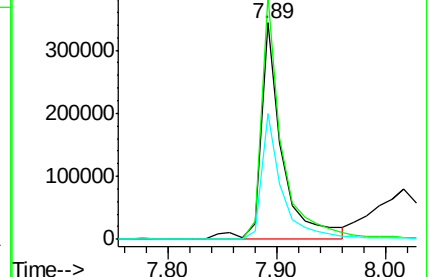
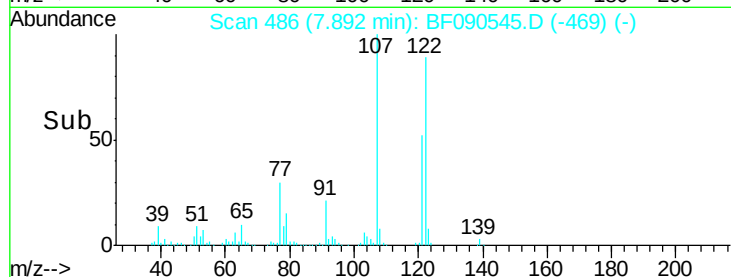
121 57.8 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.33 ng

RT: 7.98 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

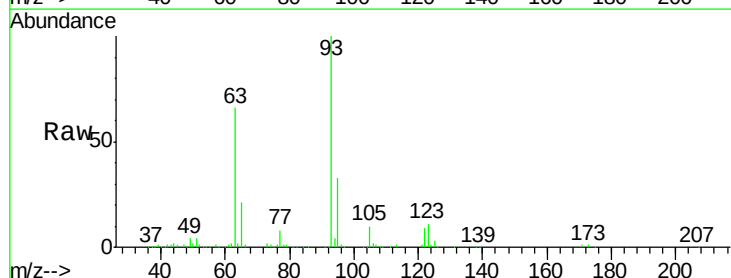
Tgt Ion: 93 Resp: 566118

Ion Ratio Lower Upper

93 100

95 32.6 27.0 40.4

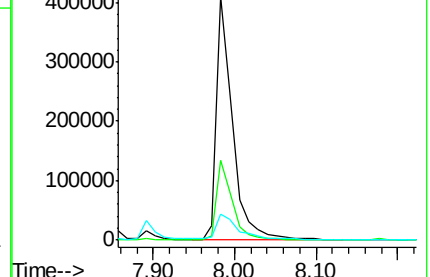
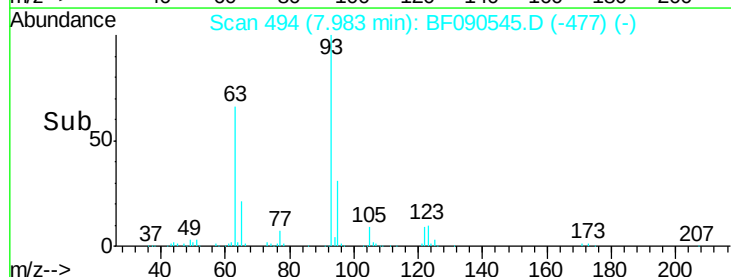
123 10.7 11.1 16.7#

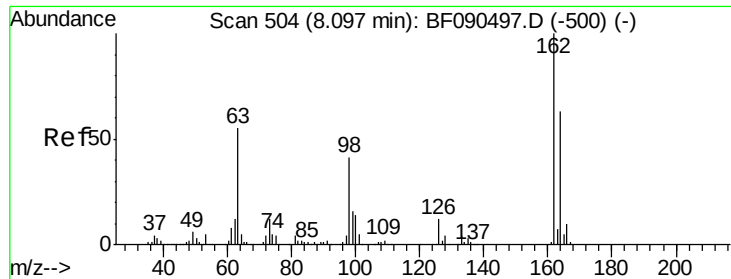


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

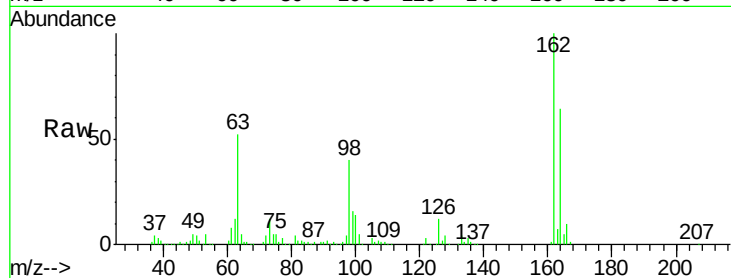




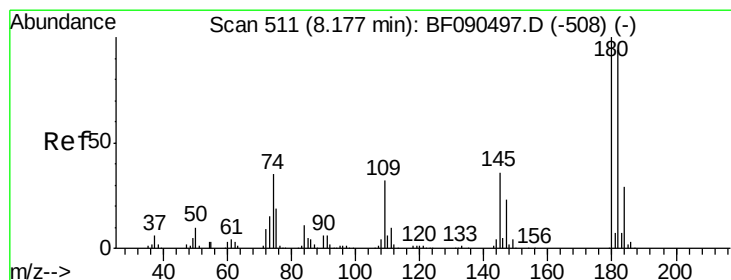
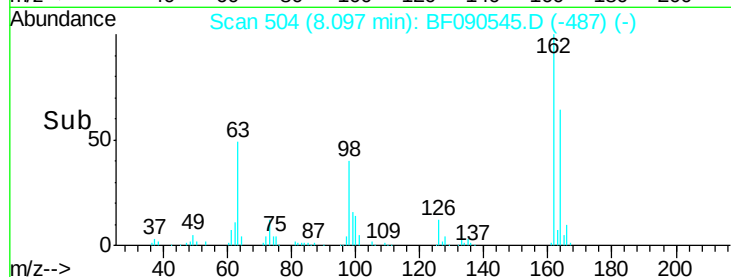
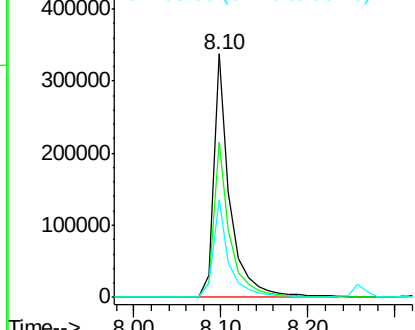
#29
 2,4-Dichlorophenol
 Concen: 41.85 ng
 RT: 8.10 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:162 Resp: 439999
 Ion Ratio Lower Upper
 162 100
 164 63.9 45.7 85.7
 98 40.2 13.3 53.3

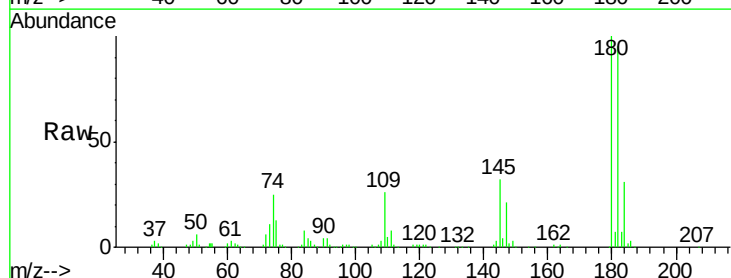


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

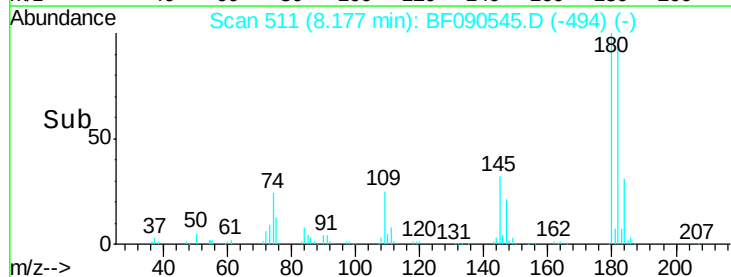
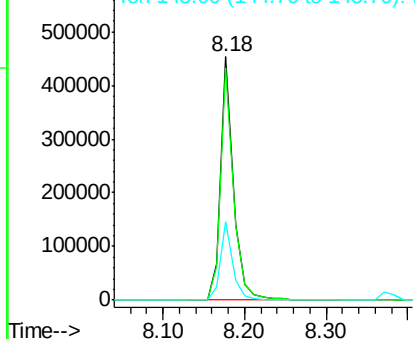


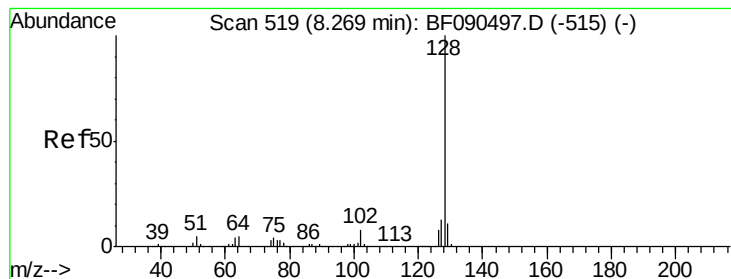
#30
 1,2,4-Trichlorobenzene
 Concen: 40.82 ng
 RT: 8.18 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Tgt Ion:180 Resp: 492987
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.3 112.9
 145 32.1 27.7 41.5



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: 39.15 ng

RT: 8.26 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

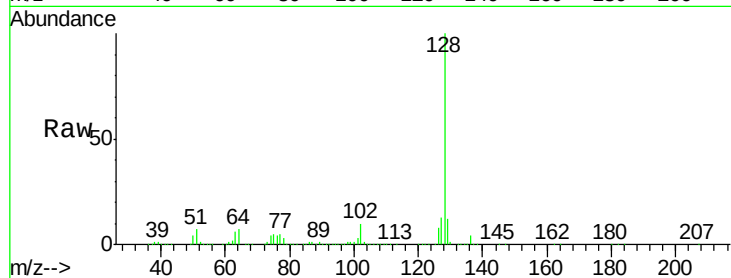
Tgt Ion:128 Resp: 1598865

Ion Ratio Lower Upper

128 100

129 11.5 9.7 14.5

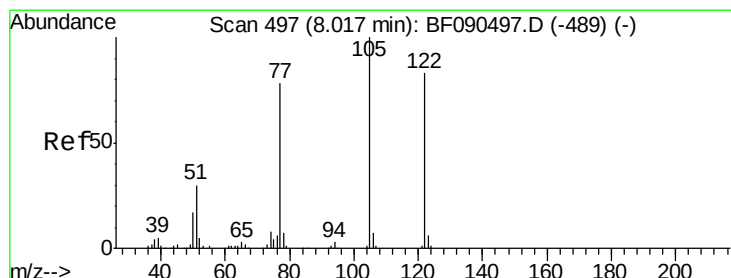
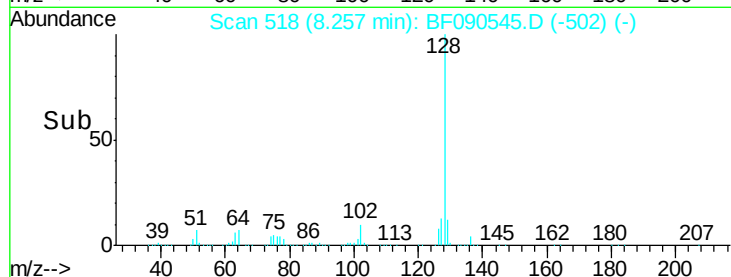
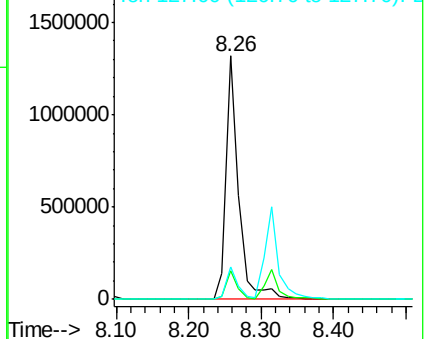
127 13.3 11.7 17.5



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: 28.40 ng

RT: 8.02 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

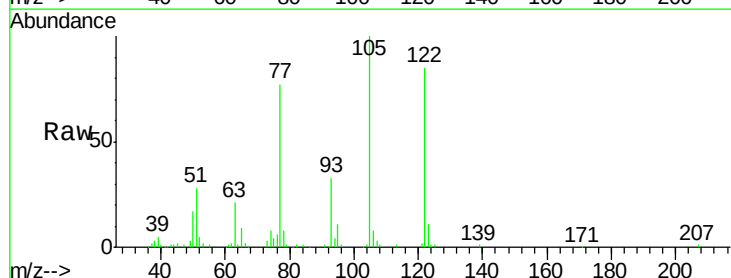
Tgt Ion:122 Resp: 281765

Ion Ratio Lower Upper

122 100

105 117.4 103.9 143.9

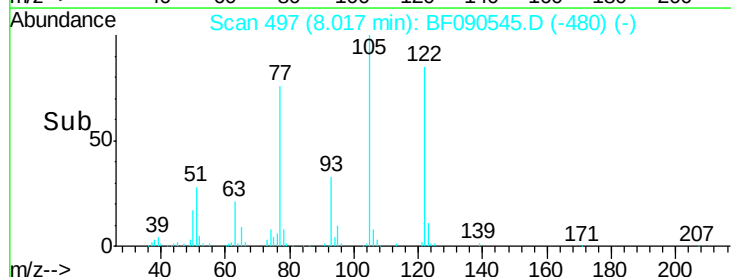
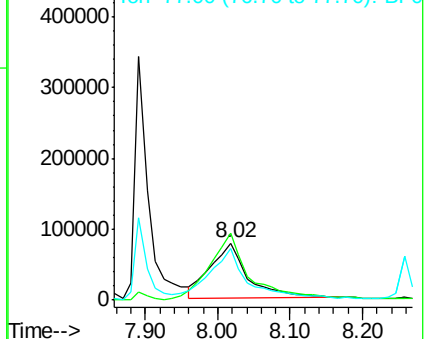
77 90.6 74.6 114.6

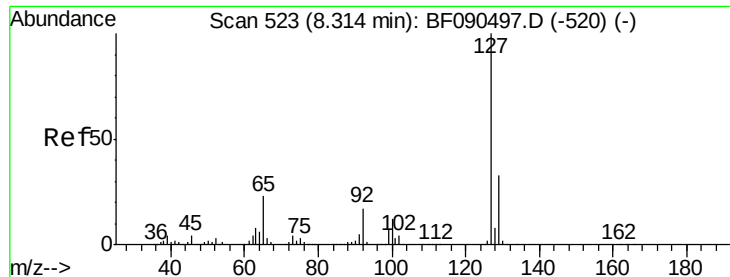


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

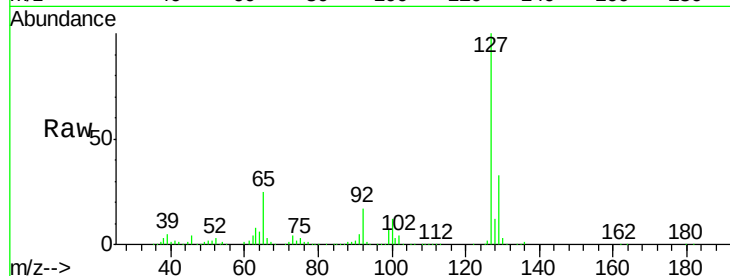




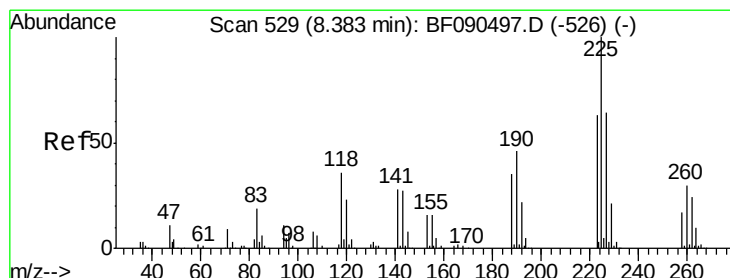
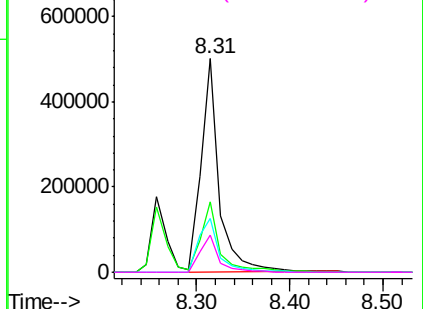
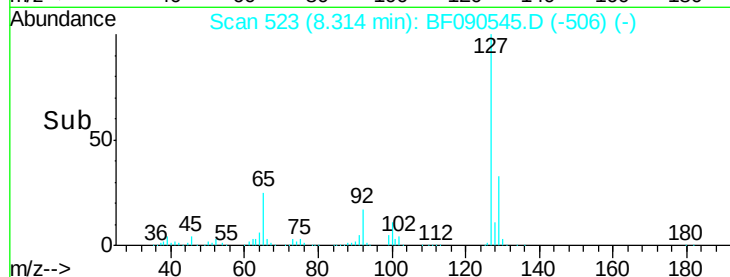
#33
4-Chloroaniline
Concen: 39.05 ng
RT: 8.31 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	675105
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.4
65	25.4	32.5	48.7#
92	17.4	17.2	25.8

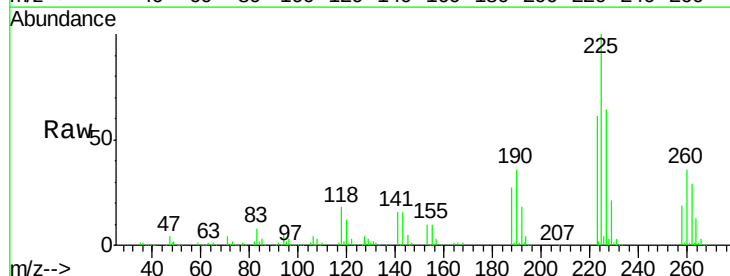


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

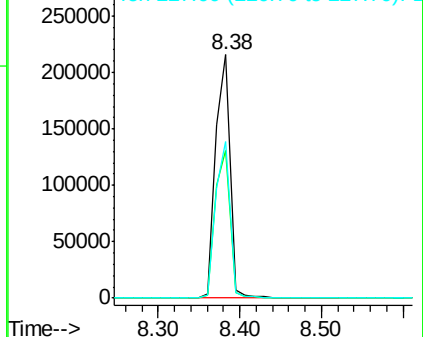
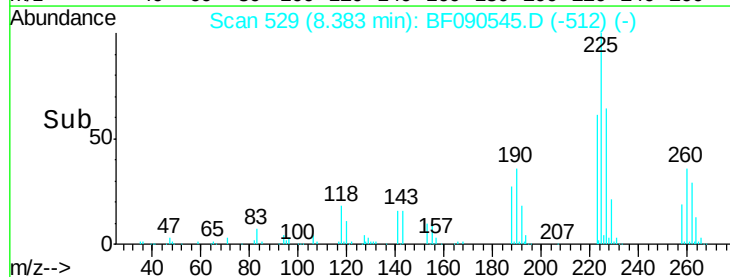


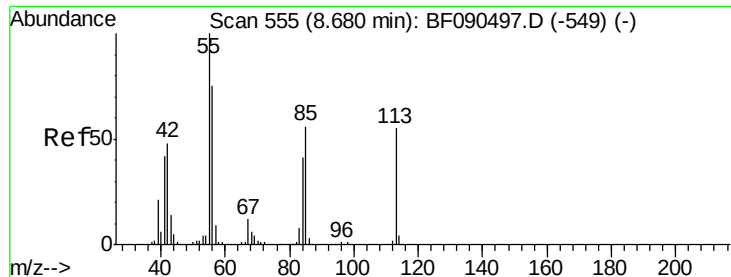
#34
Hexachlorobutadiene
Concen: 39.77 ng
RT: 8.38 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Tgt Ion:	225	Resp:	268556
Ion	Ratio	Lower	Upper
225	100		
223	60.6	51.0	76.4
227	64.1	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

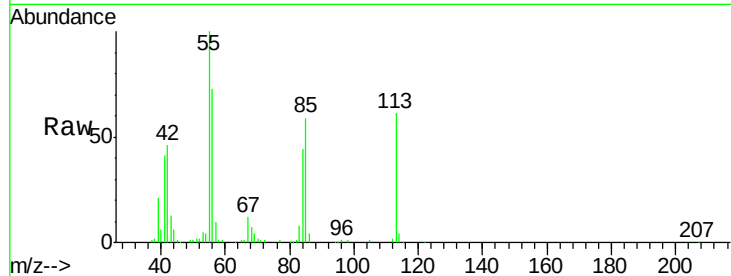




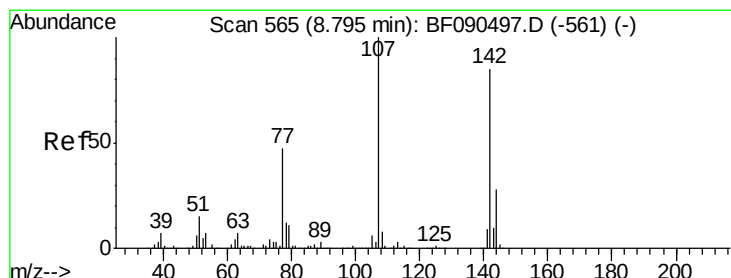
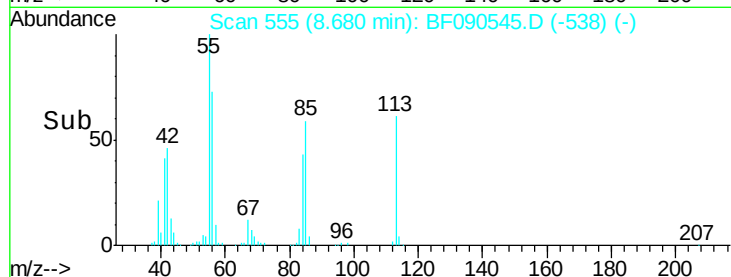
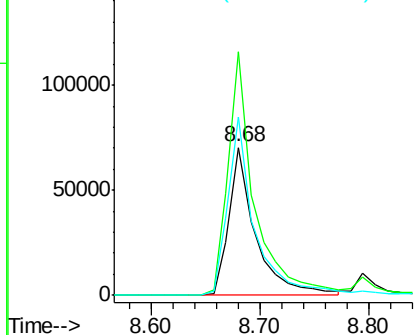
#35
 Caprolactam
 Concen: 35.23 ng
 RT: 8.68 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 120108
 Ion Ratio Lower Upper
 113 100
 55 164.5 203.3 243.3#
 56 120.8 140.5 180.5#

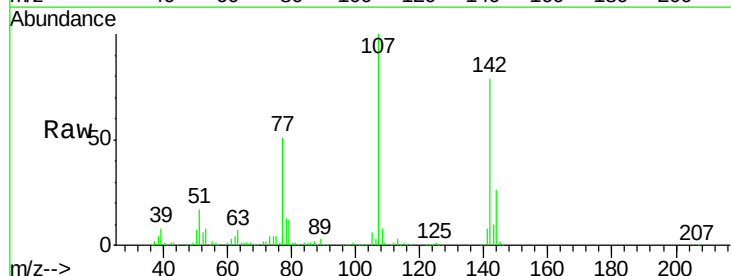


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

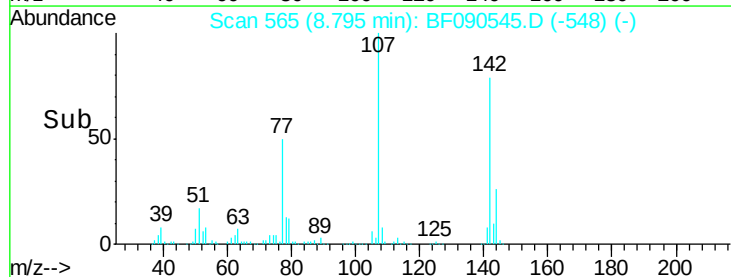
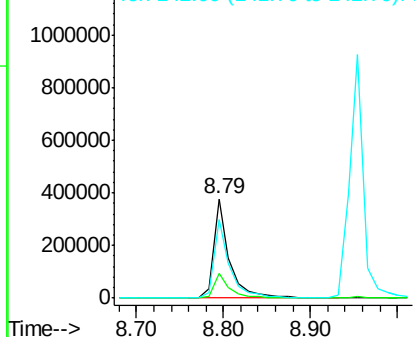


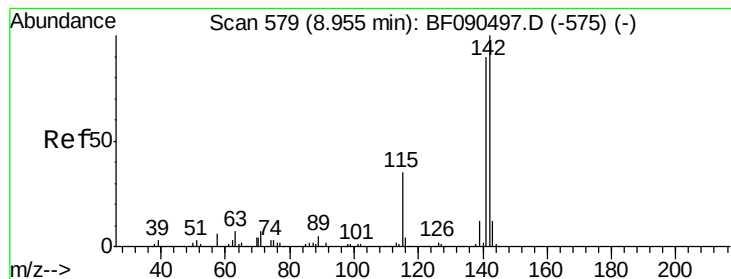
#36
 4-Chloro-3-methylphenol
 Concen: 38.90 ng
 RT: 8.79 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Tgt Ion:107 Resp: 477701
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.8 29.8
 142 79.2 60.7 91.1



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

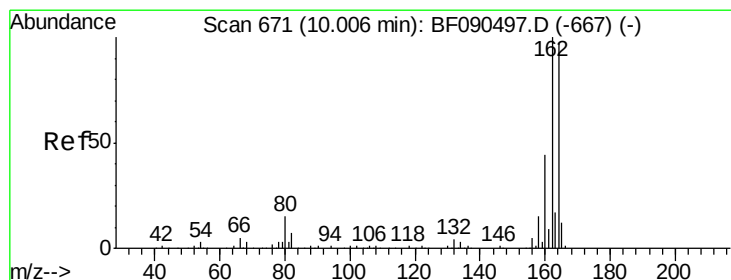
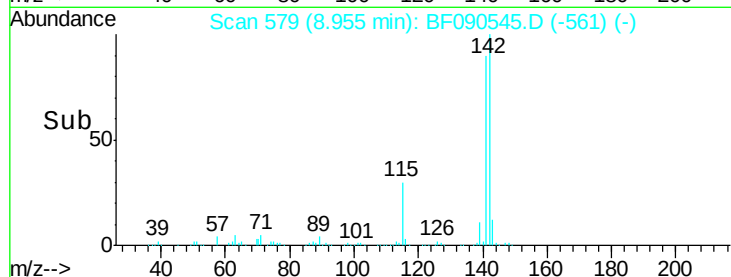
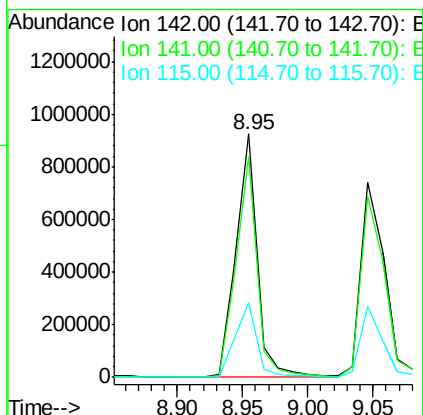
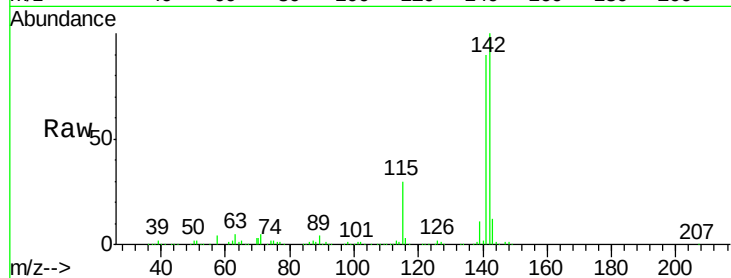




#37
 2-Methylnaphthalene
 Concen: 37.68 ng
 RT: 8.95 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

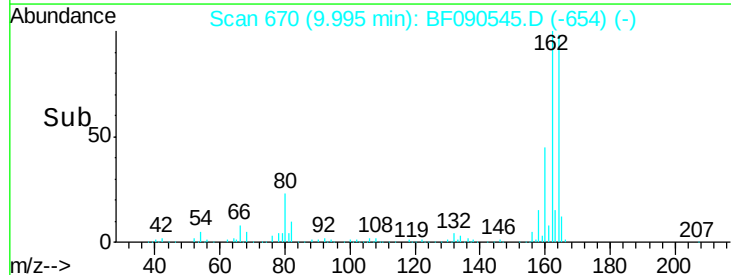
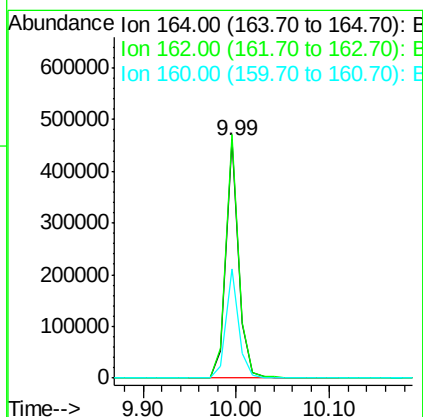
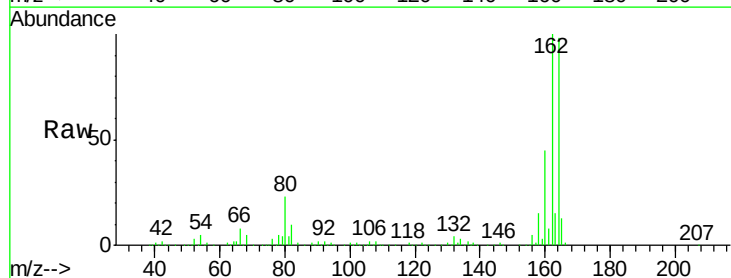
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

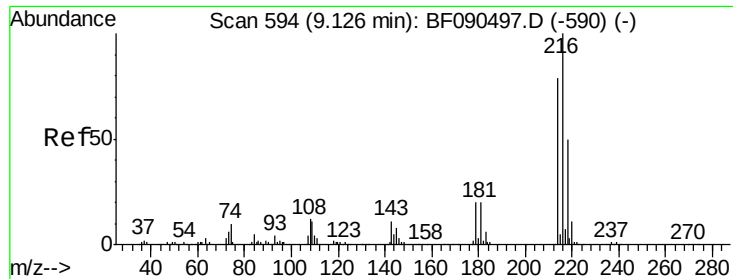
Tgt Ion:142 Resp: 1032776
 Ion Ratio Lower Upper
 142 100
 141 90.4 71.8 107.8
 115 30.5 28.8 43.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Tgt Ion:164 Resp: 438502
 Ion Ratio Lower Upper
 164 100
 162 102.3 80.1 120.1
 160 46.1 36.3 54.5

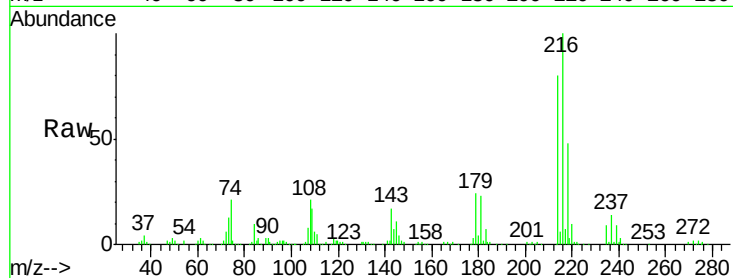




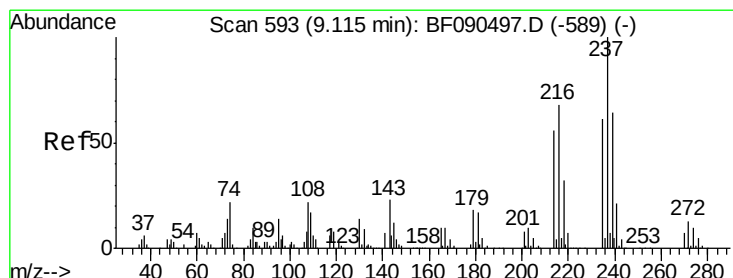
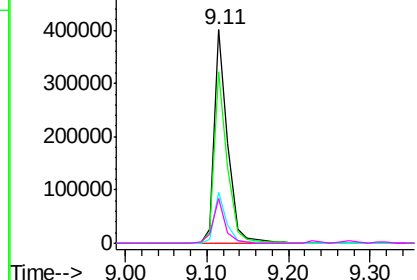
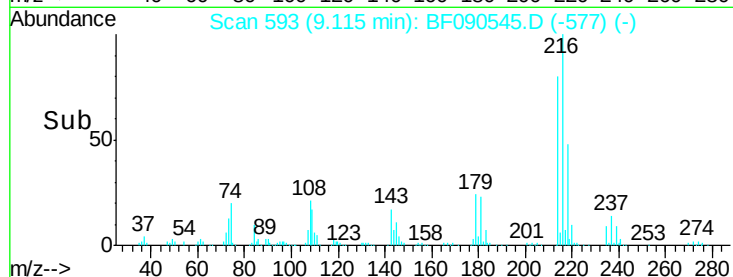
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.49 ng
 RT: 9.11 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	216	Resp:	460233
Ion	Ratio	Lower	Upper
216	100		
214	78.8	64.2	96.2
179	22.2	18.0	27.0
108	19.4	15.2	22.8

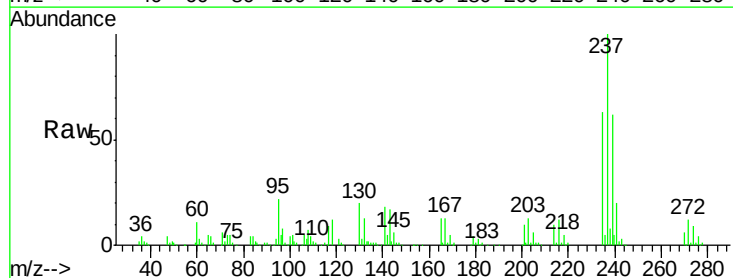


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

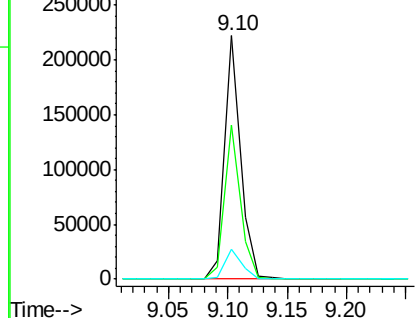
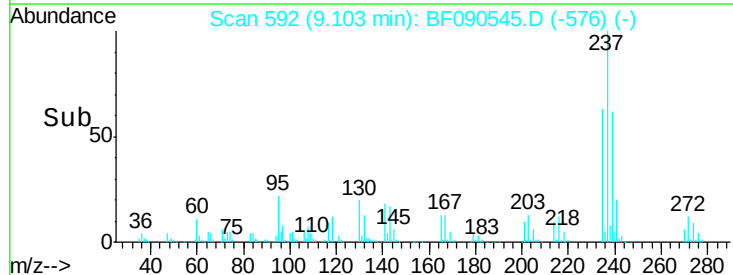


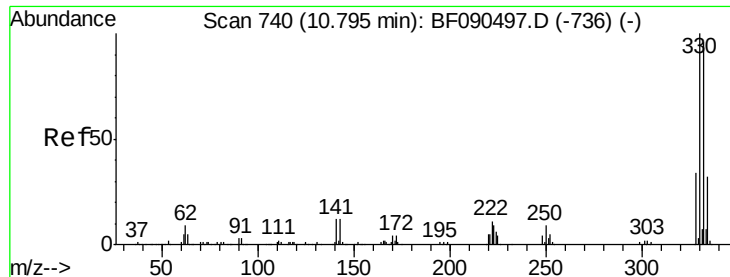
#40
 Hexachlorocyclopentadiene
 Concen: 33.99 ng
 RT: 9.10 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Tgt Ion:	237	Resp:	207118
Ion	Ratio	Lower	Upper
237	100		
235	63.0	43.6	83.6
272	12.2	0.0	32.7



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

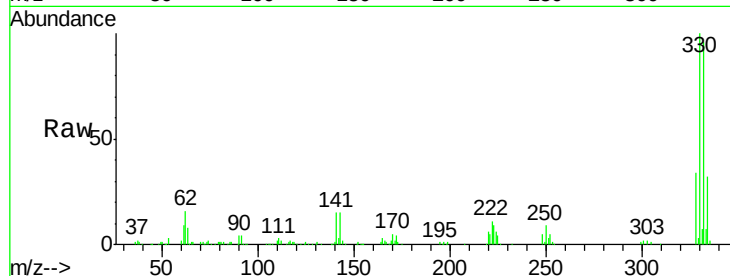




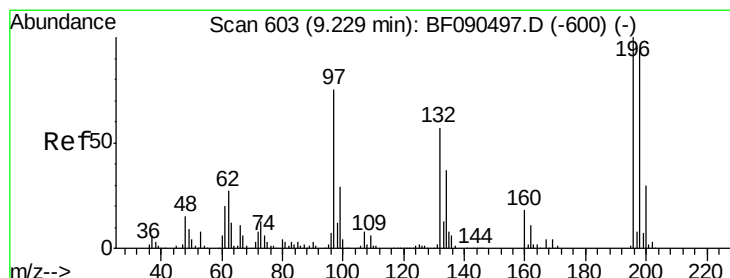
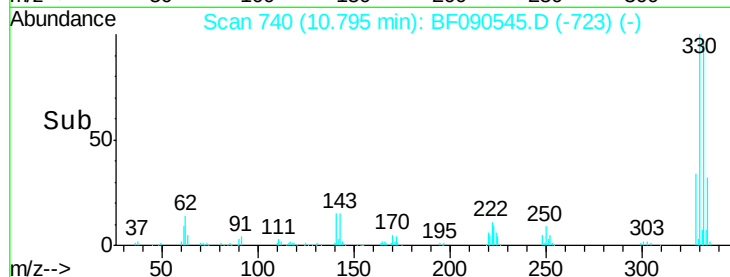
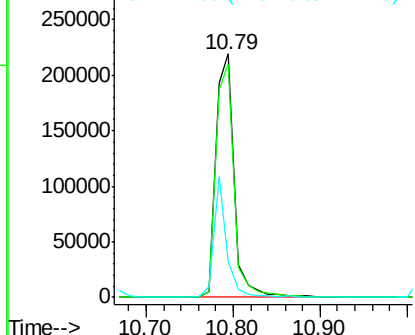
#41
 2,4,6-Tribromophenol
 Concen: 74.73 ng
 RT: 10.79 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 324844
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.4 113.0
 141 35.5 26.9 40.3

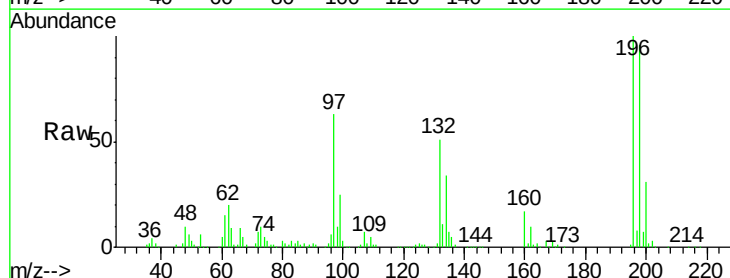


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

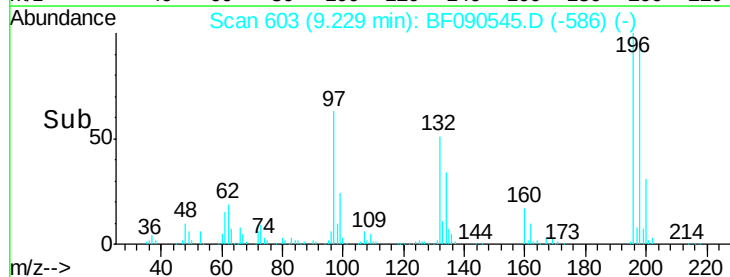
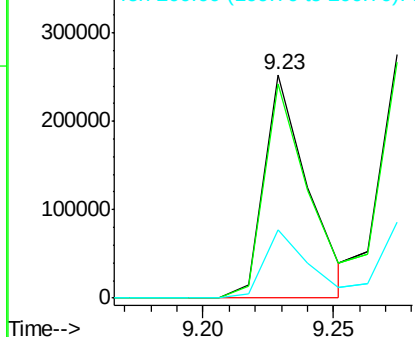


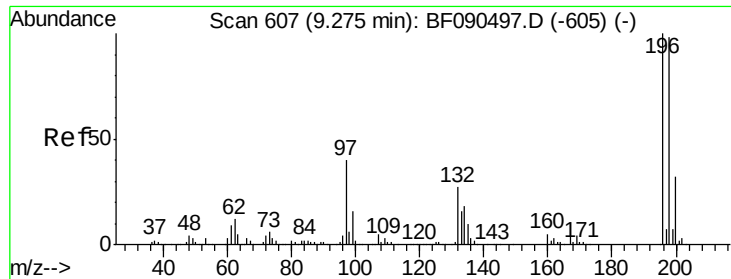
#42
 2,4,6-Trichlorophenol
 Concen: 35.77 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Tgt Ion:196 Resp: 296047
 Ion Ratio Lower Upper
 196 100
 198 96.1 78.9 118.3
 200 30.7 25.4 38.2



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

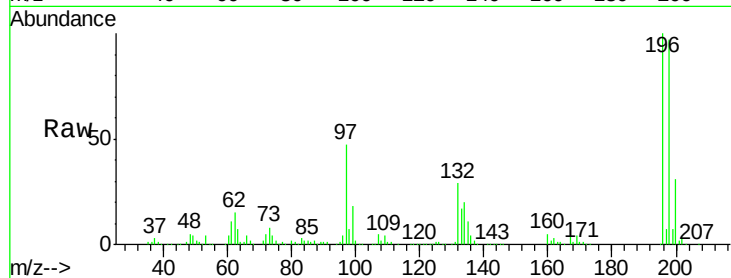




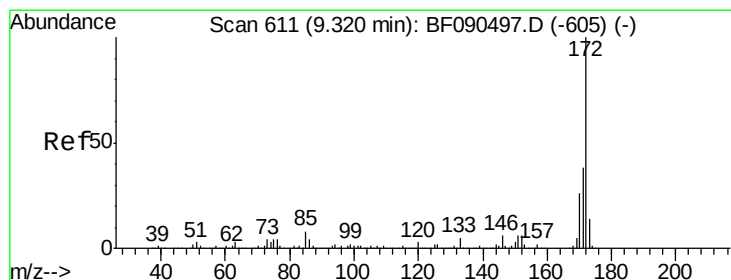
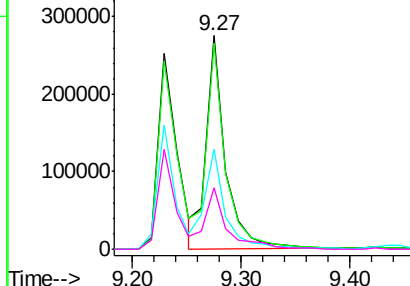
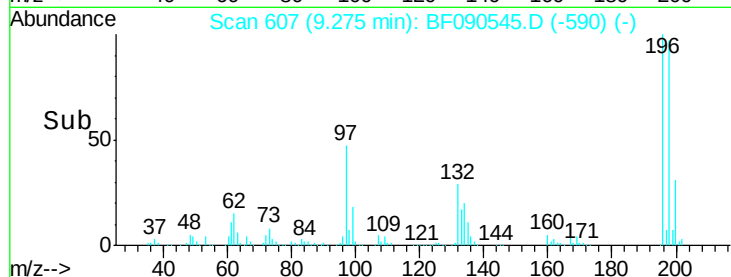
#43
 2,4,5-Trichlorophenol
 Concen: 41.67 ng
 RT: 9.27 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 341307
 Ion Ratio Lower Upper
 196 100
 198 96.7 78.1 117.1
 97 46.7 48.1 72.1#
 132 29.0 27.4 41.2

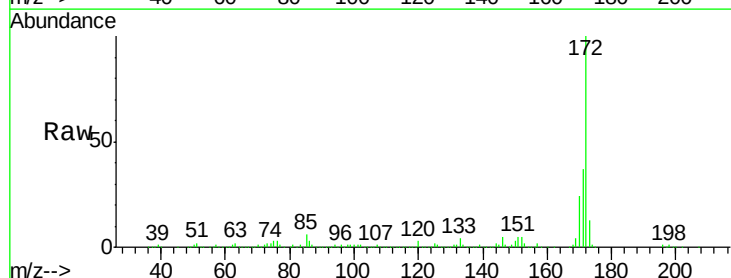


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

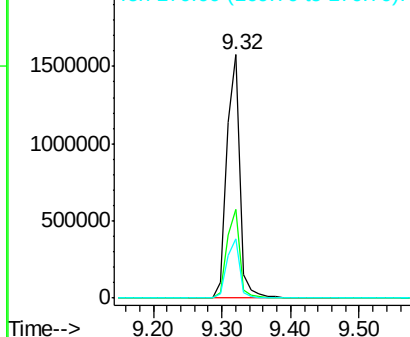
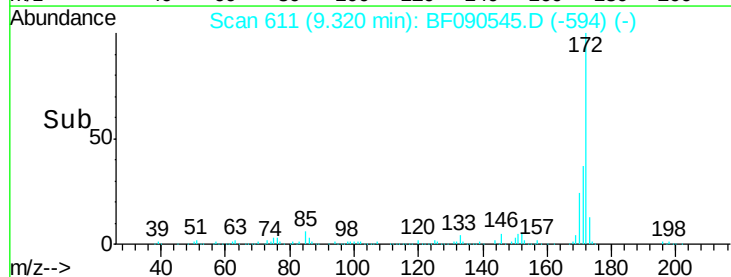


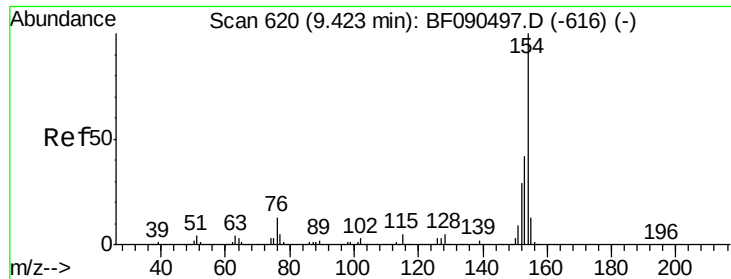
#44
 2-Fluorobiphenyl
 Concen: 81.01 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Tgt Ion:172 Resp: 2113797
 Ion Ratio Lower Upper
 172 100
 171 36.6 31.8 47.8
 170 24.3 21.7 32.5



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

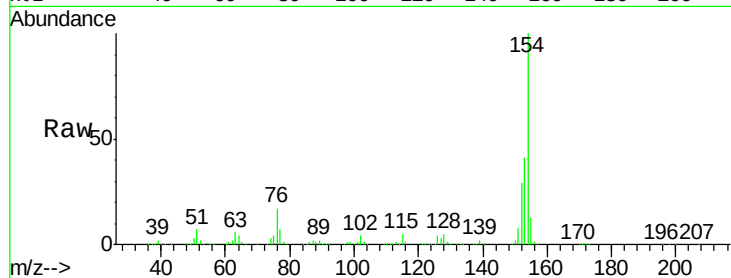




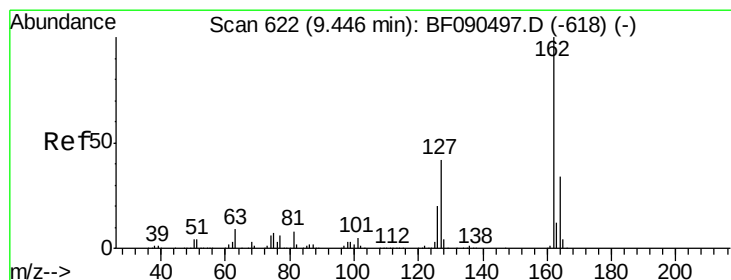
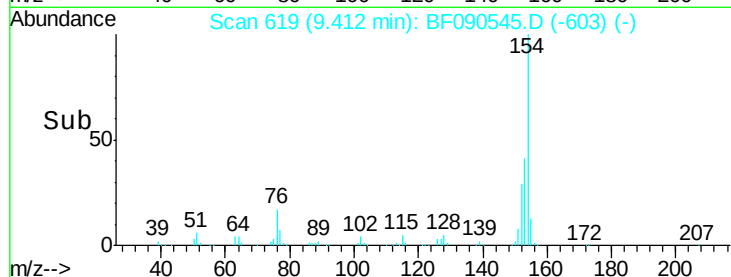
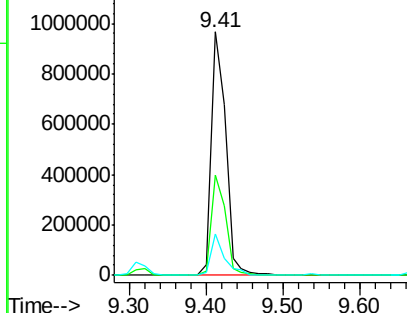
#45
 1,1'-Biphenyl
 Concen: 37.17 ng
 RT: 9.41 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:154 Resp: 1244841
 Ion Ratio Lower Upper
 154 100
 153 41.1 23.8 63.8
 76 17.1 0.0 35.8

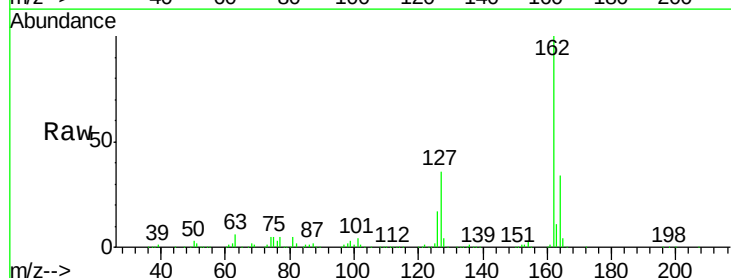


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

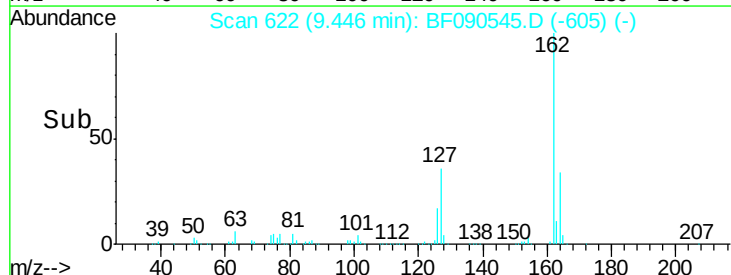
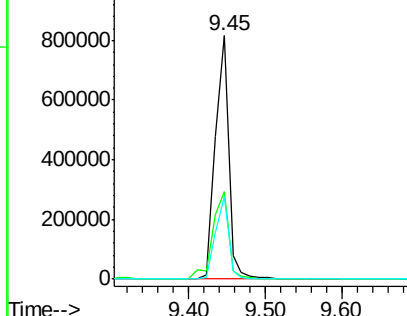


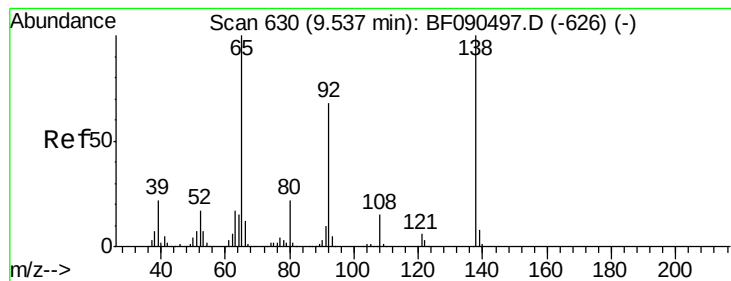
#46
 2-Chloronaphthalene
 Concen: 39.67 ng
 RT: 9.45 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Tgt Ion:162 Resp: 988424
 Ion Ratio Lower Upper
 162 100
 127 35.8 35.6 53.4
 164 33.6 27.5 41.3



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





#47

2-Nitroaniline

Concen: 34.66 ng

RT: 9.54 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

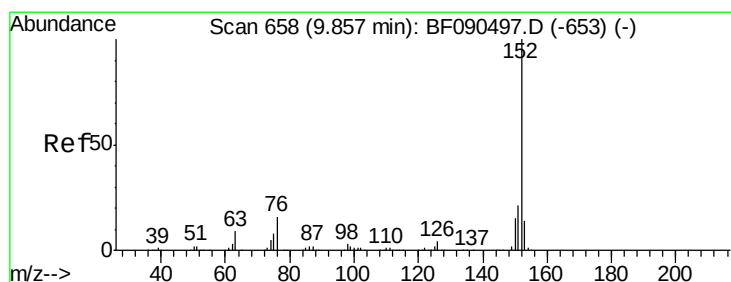
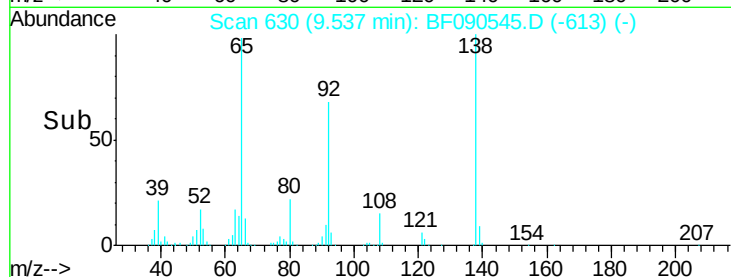
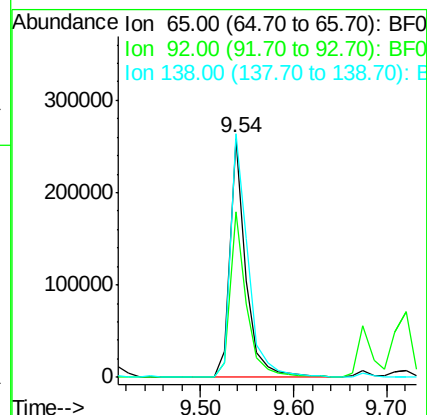
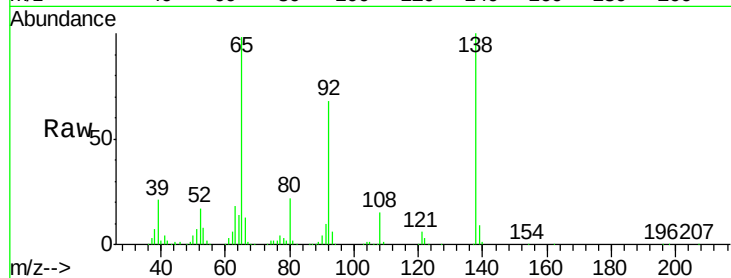
Tgt Ion: 65 Resp: 308086

Ion Ratio Lower Upper

65 100

92 69.4 51.7 77.5

138 101.9 79.0 118.4



#48

Acenaphthylene

Concen: 37.82 ng

RT: 9.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

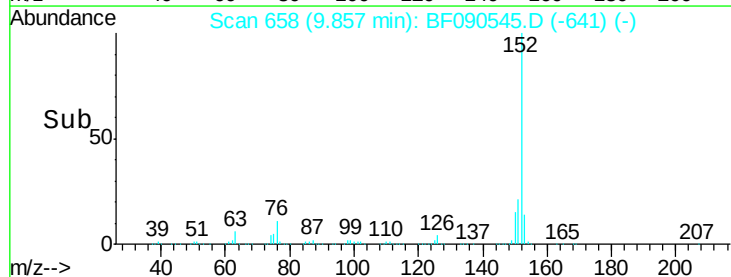
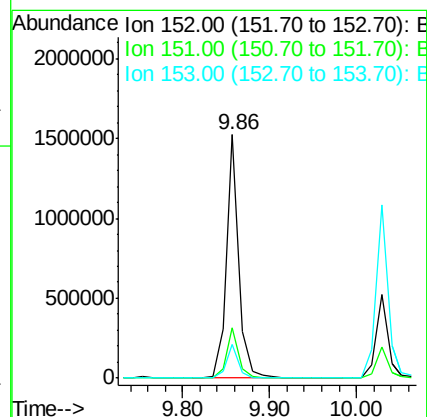
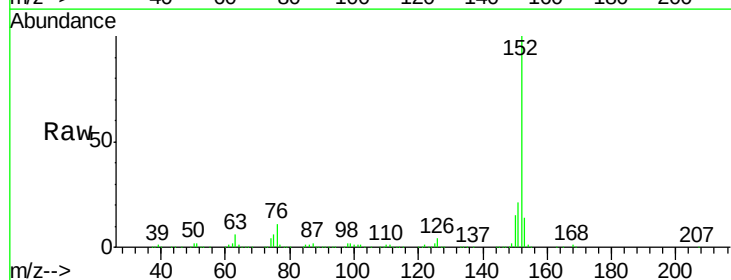
Tgt Ion: 152 Resp: 1520575

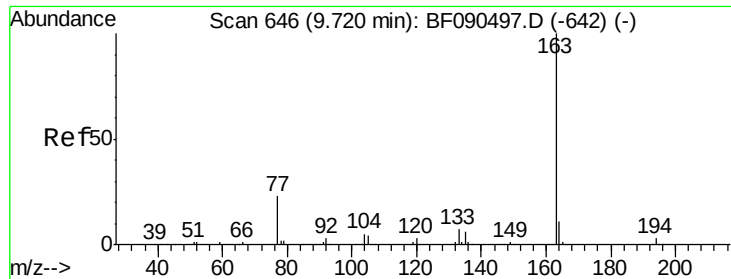
Ion Ratio Lower Upper

152 100

151 20.8 17.4 26.0

153 13.8 11.6 17.4

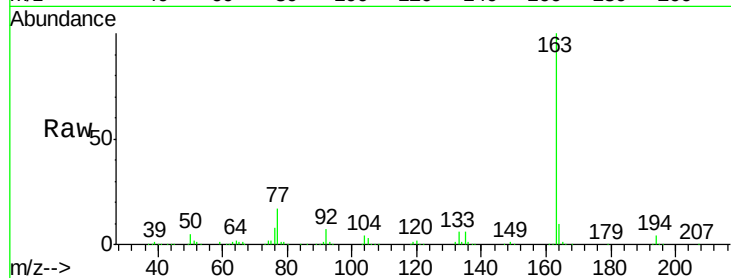




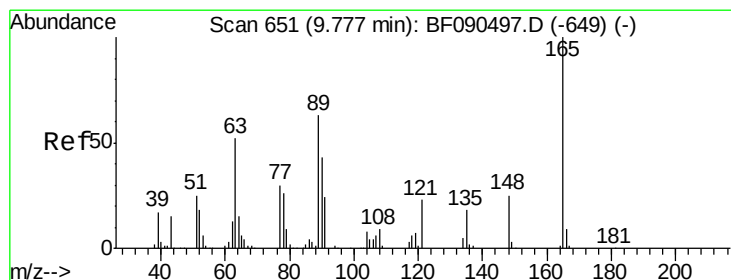
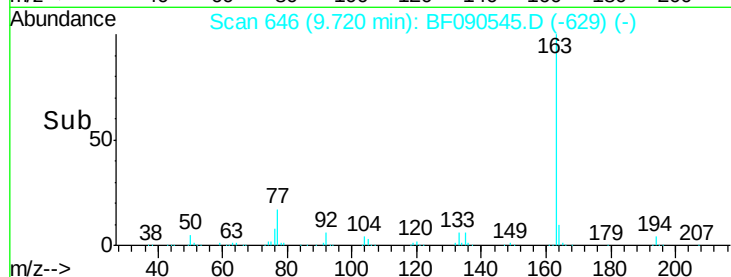
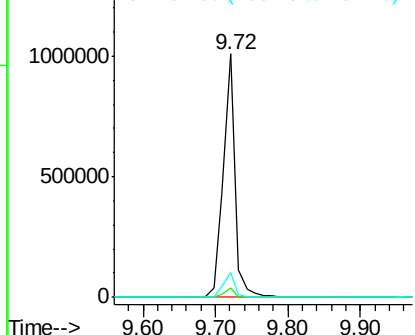
#49
Dimethylphthalate
Concen: 38.89 ng
RT: 9.72 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:163 Resp: 1146904
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 10.2 9.0 13.4

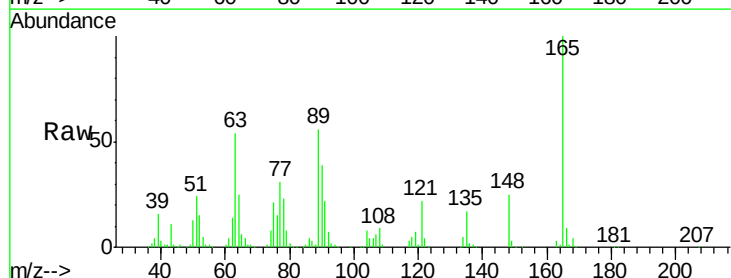


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

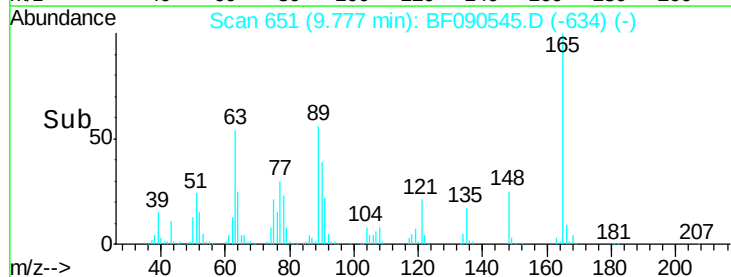
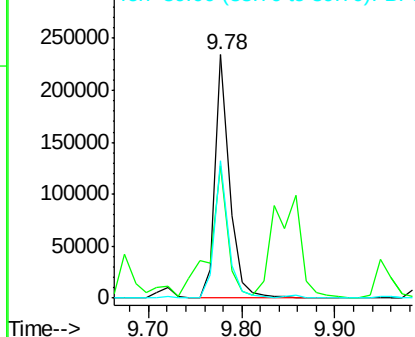


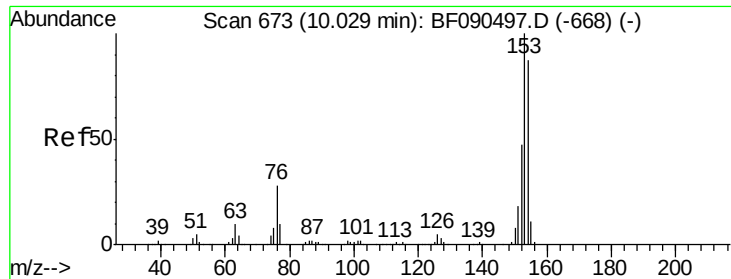
#50
2,6-Dinitrotoluene
Concen: 38.90 ng
RT: 9.78 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Tgt Ion:165 Resp: 253314
Ion Ratio Lower Upper
165 100
63 54.1 58.0 87.0#
89 56.3 51.2 76.8



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





#51

Acenaphthene

Concen: 36.99 ng

RT: 10.03 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

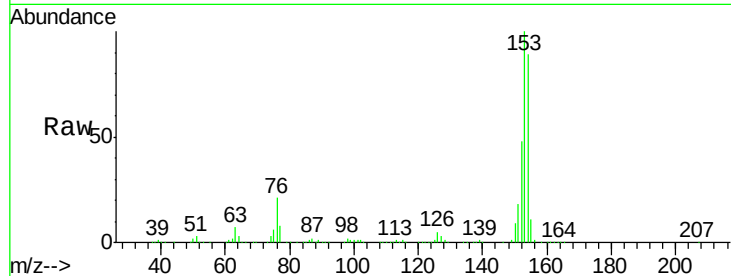
Tgt Ion:154 Resp: 996767

Ion Ratio Lower Upper

154 100

153 112.6 88.6 133.0

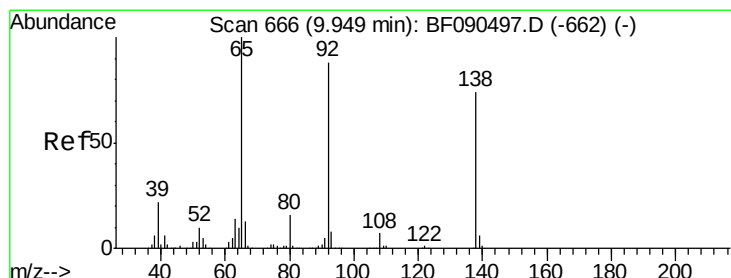
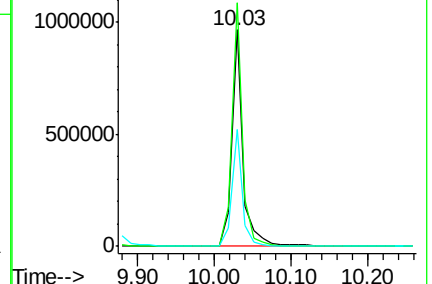
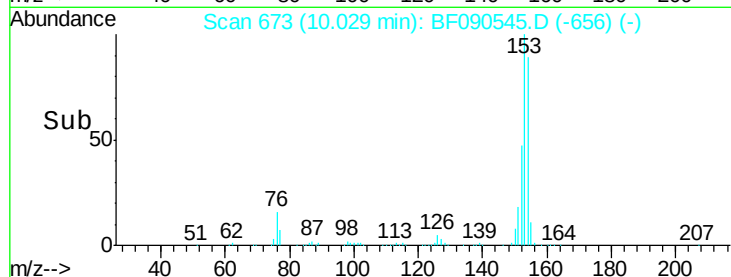
152 53.9 42.6 64.0



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: 35.64 ng

RT: 9.95 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

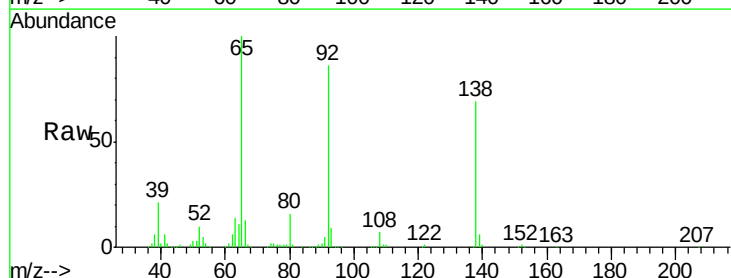
Tgt Ion:138 Resp: 287949

Ion Ratio Lower Upper

138 100

108 10.6 9.7 14.5

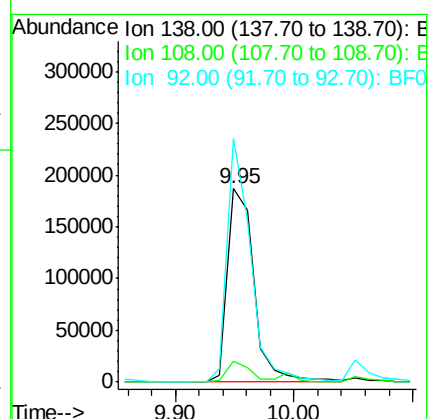
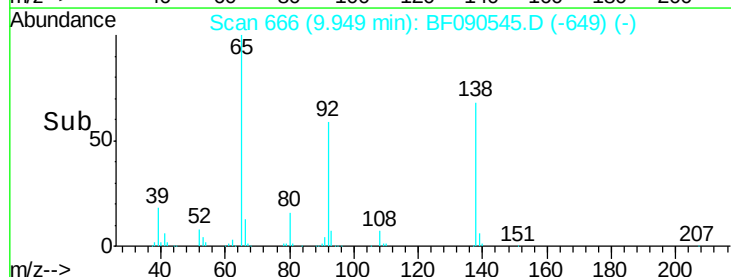
92 125.9 97.1 145.7

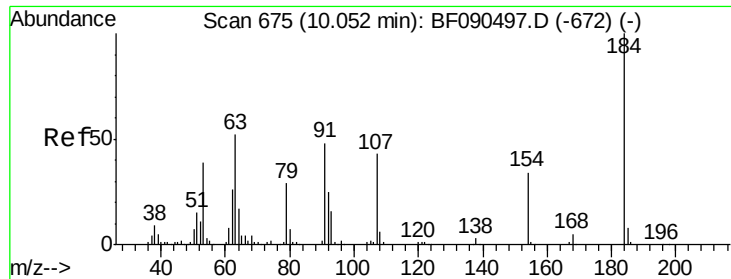


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

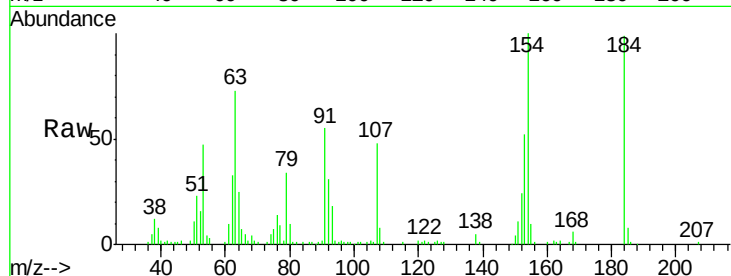




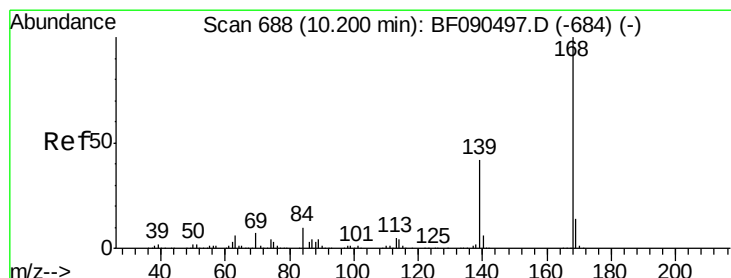
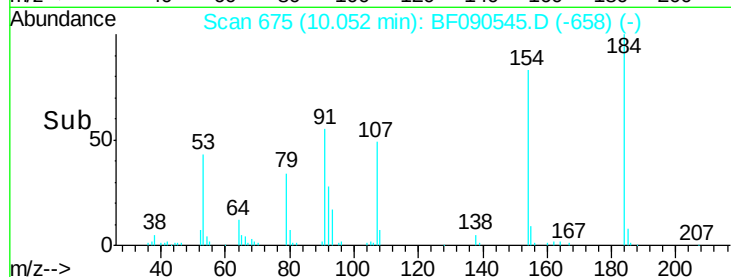
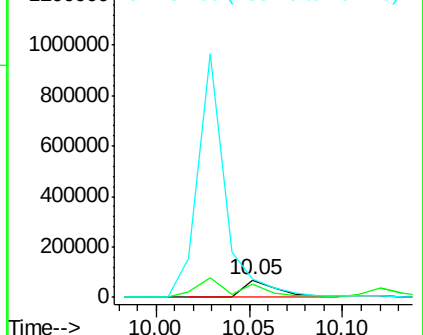
#53
2,4-Dinitrophenol
Concen: 25.34 ng
RT: 10.05 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 91561
Ion Ratio Lower Upper
184 100
63 73.0 41.9 62.9#
154 100.7 48.9 73.3#

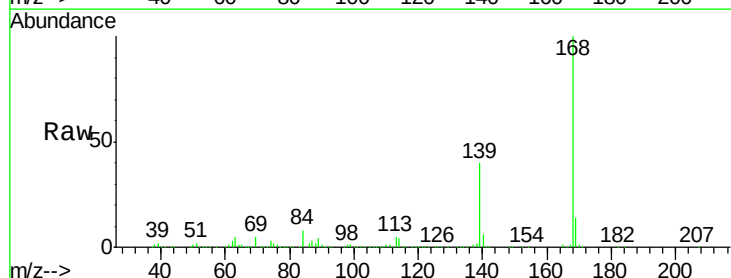


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

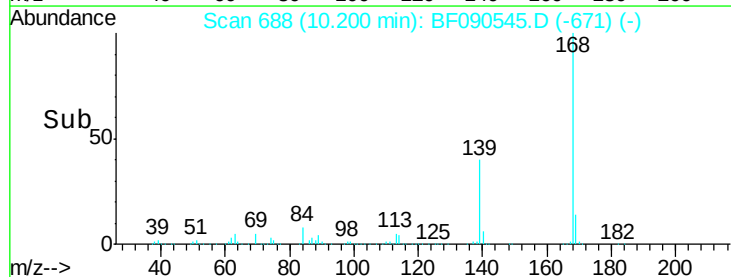
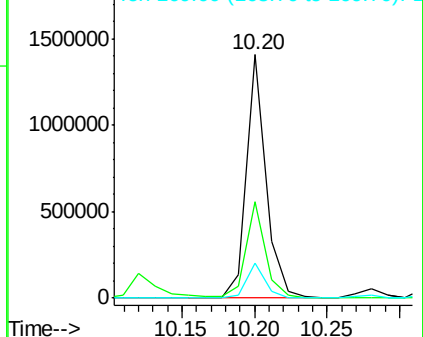


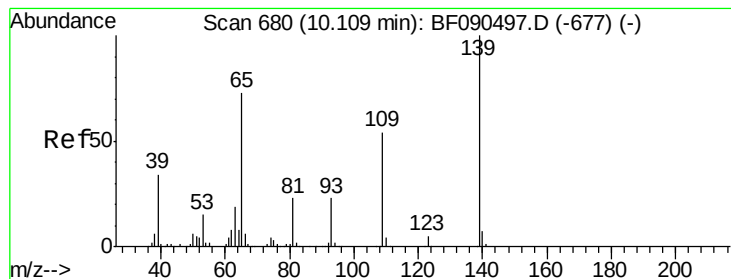
#54
Dibenzofuran
Concen: 36.92 ng
RT: 10.20 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Tgt Ion:168 Resp: 1323735
Ion Ratio Lower Upper
168 100
139 39.9 29.6 44.4
169 14.3 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: 31.32 ng

RT: 10.12 min Scan# 681

Delta R.T. 0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

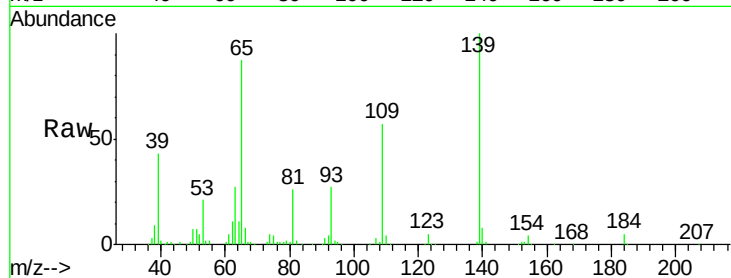
Tgt Ion:139 Resp: 196663

Ion Ratio Lower Upper

139 100

109 57.2 43.6 83.6

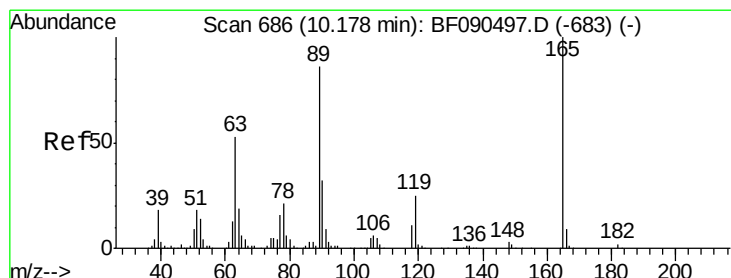
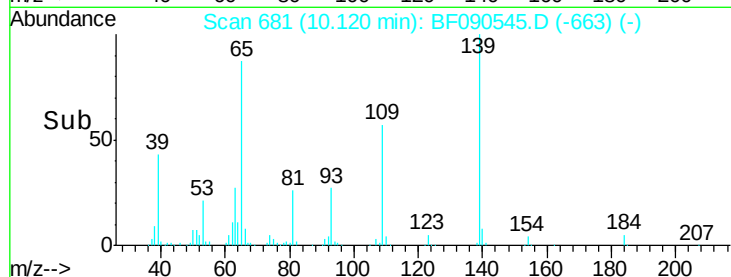
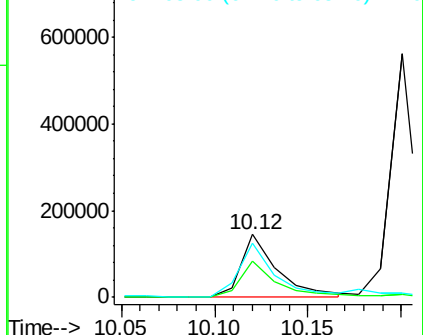
65 86.6 87.5 127.5#



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: 37.20 ng

RT: 10.18 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Tgt Ion:165 Resp: 320400

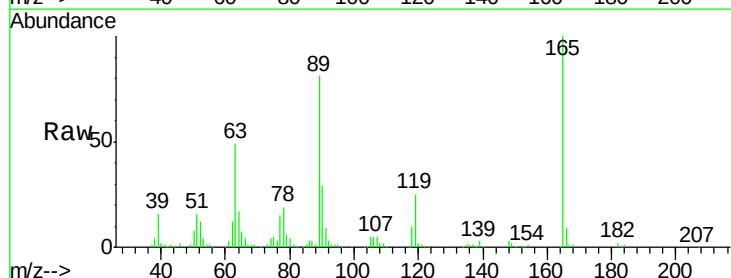
Ion Ratio Lower Upper

165 100

63 48.9 17.8 26.6#

89 80.6 33.2 49.8#

182 2.0 2.1 3.1#

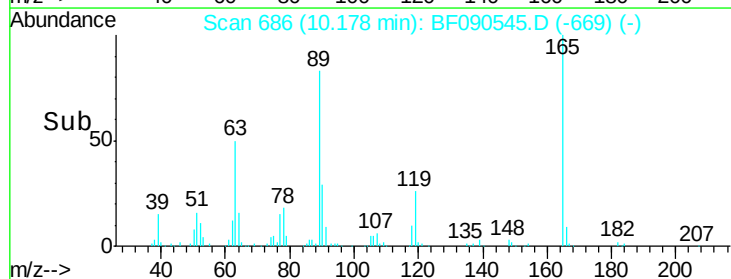
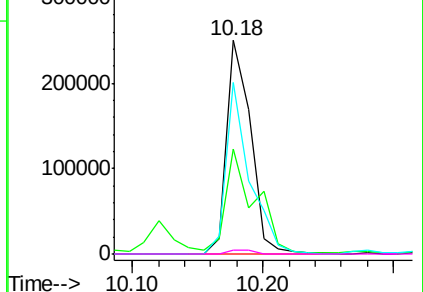


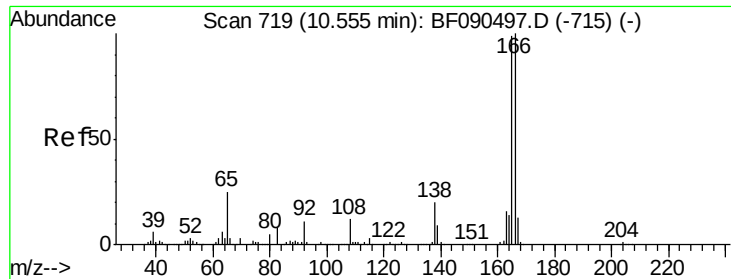
Abundance Ion 165.00 (164.70 to 165.70): E

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: 36.85 ng

RT: 10.54 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

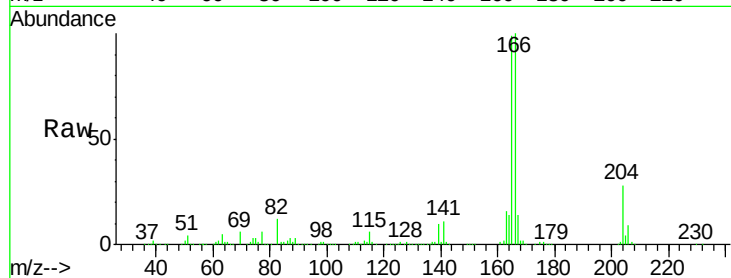
Tgt Ion:166 Resp: 1078440

Ion Ratio Lower Upper

166 100

165 99.2 79.2 118.8

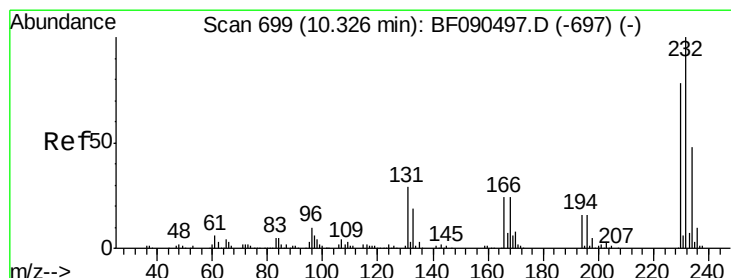
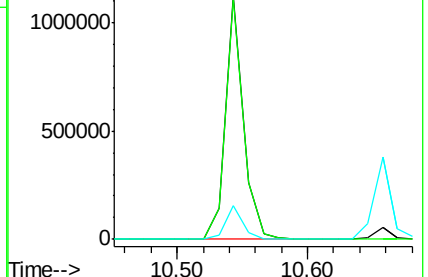
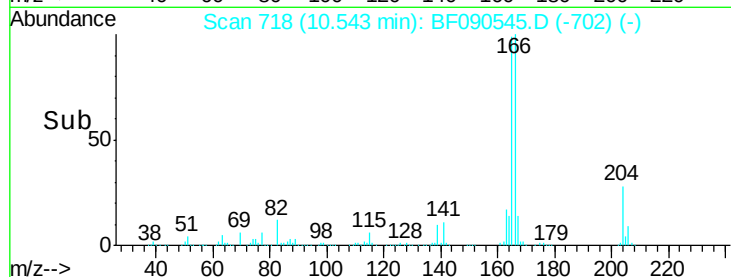
167 14.0 11.1 16.7



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: 37.53 ng

RT: 10.33 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Tgt Ion:232 Resp: 256423

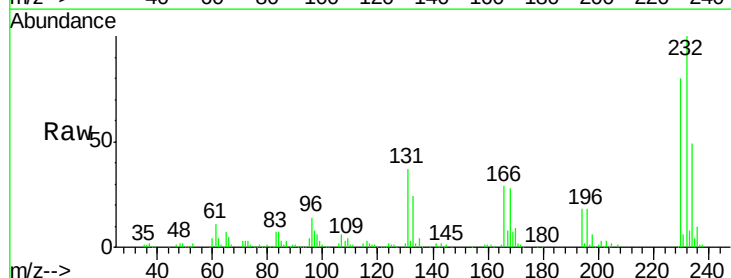
Ion Ratio Lower Upper

232 100

131 47.5 34.5 51.7

130 1.9 1.6 2.4

166 31.7 23.8 35.8

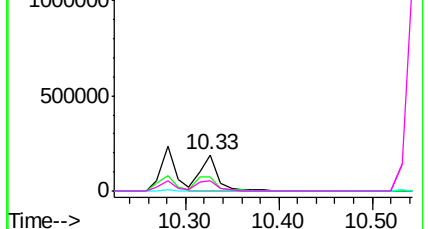
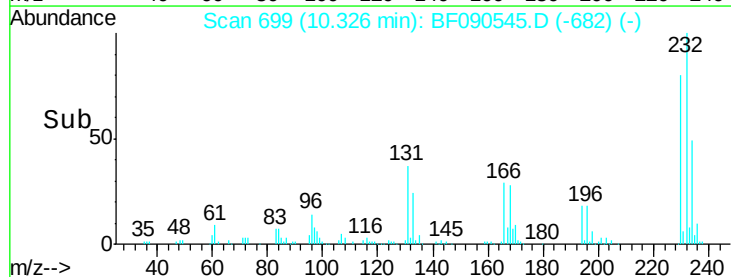


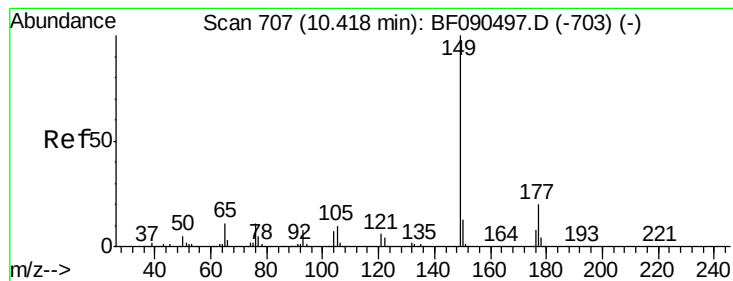
Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.75 ng

RT: 10.42 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

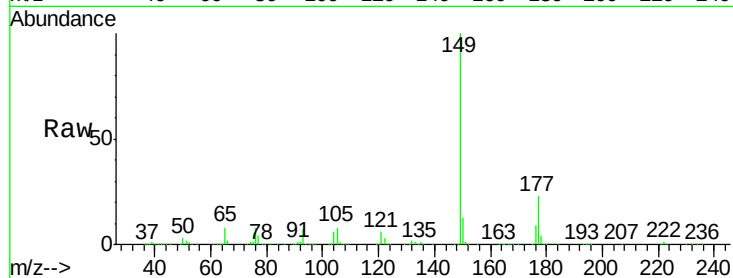
Tgt Ion:149 Resp: 1132357

Ion Ratio Lower Upper

149 100

177 23.0 21.1 31.7

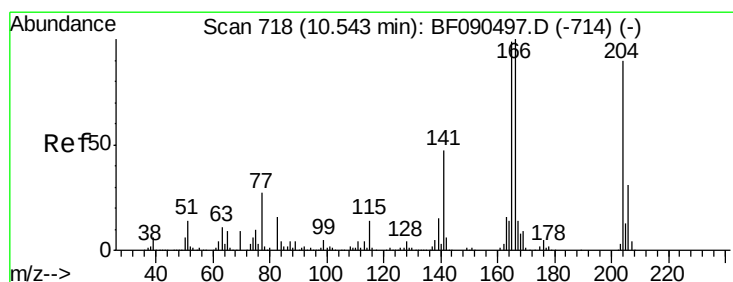
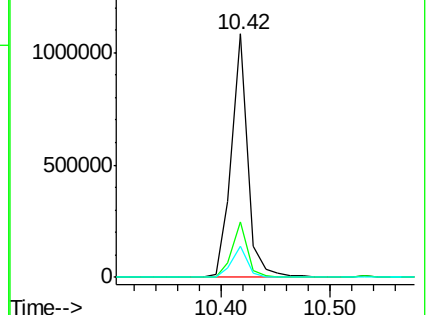
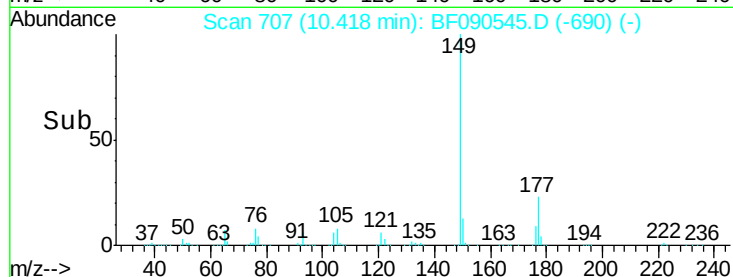
150 12.8 10.2 15.2



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: 37.30 ng

RT: 10.53 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

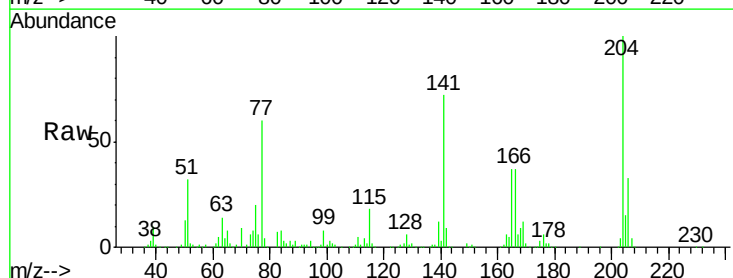
Tgt Ion:204 Resp: 503734

Ion Ratio Lower Upper

204 100

206 32.5 26.7 40.1

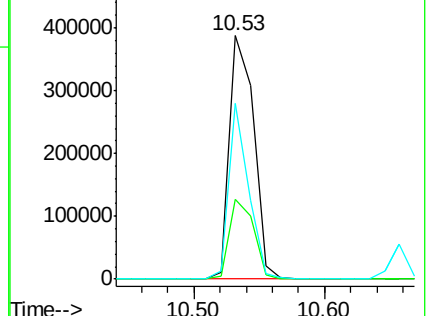
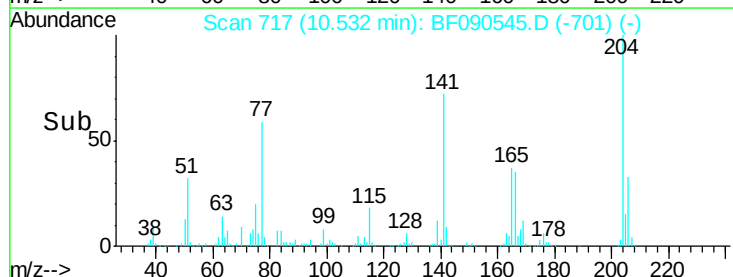
141 72.4 51.7 77.5

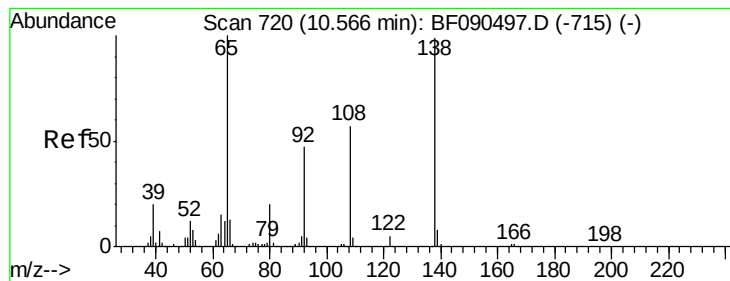


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

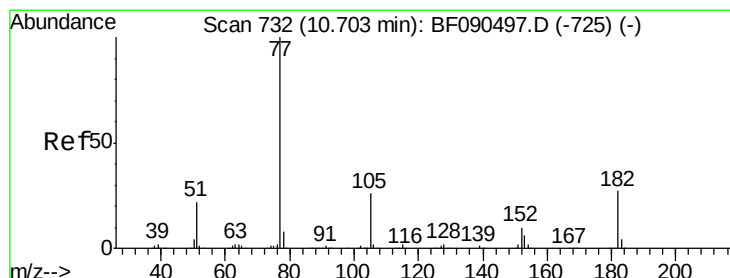
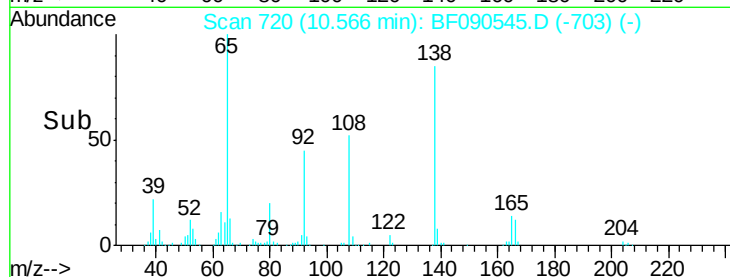
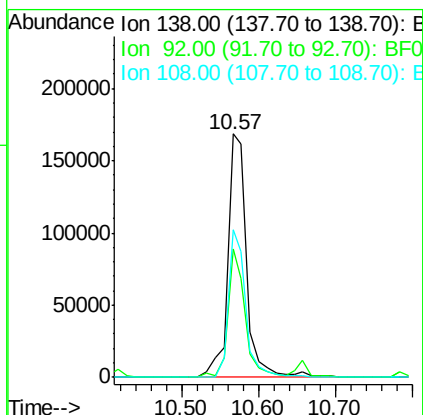
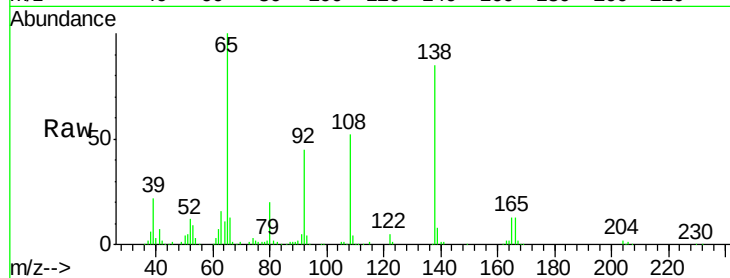




#61
4-Nitroaniline
Concen: 35.93 ng
RT: 10.57 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

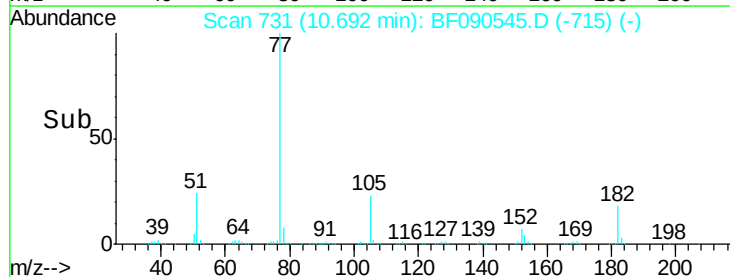
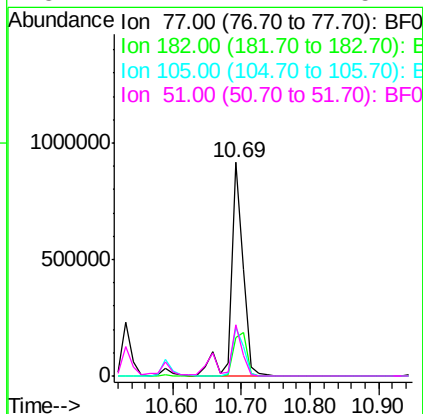
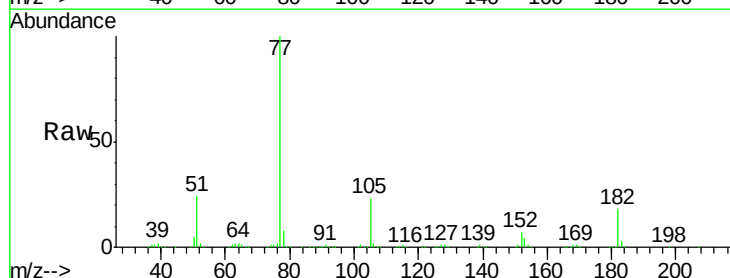
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

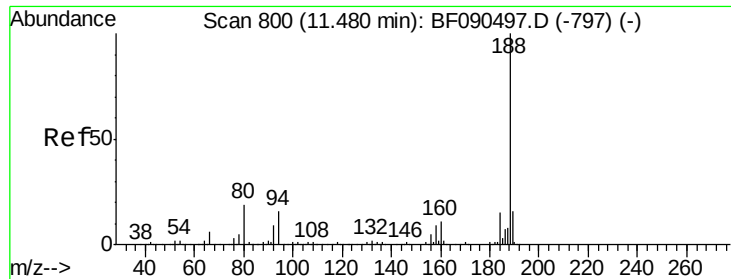
Tgt Ion: 138 Resp: 296186
Ion Ratio Lower Upper
138 100
92 52.7 33.2 73.2
108 60.8 48.5 88.5



#62
Azobenzene
Concen: 34.21 ng
RT: 10.69 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Tgt Ion: 77 Resp: 1120438
Ion Ratio Lower Upper
77 100
182 17.9 3.2 43.2
105 22.9 2.9 42.9
51 24.2 14.2 54.2

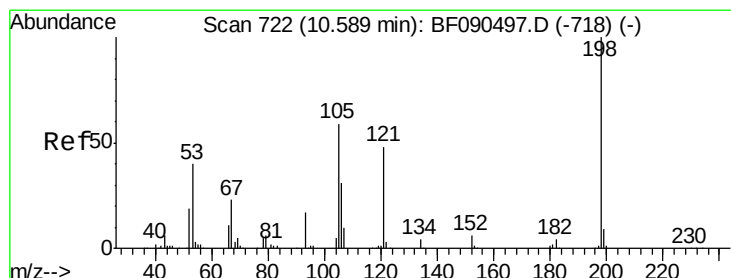
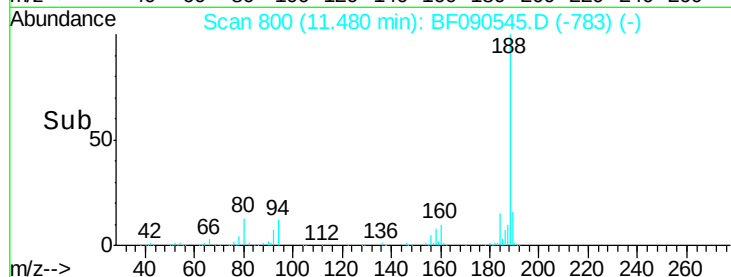
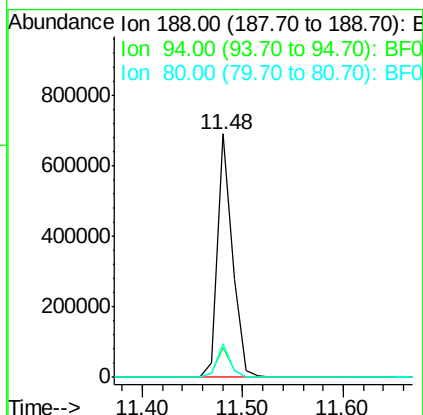
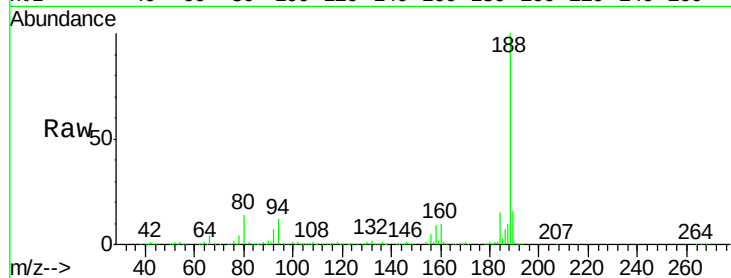




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

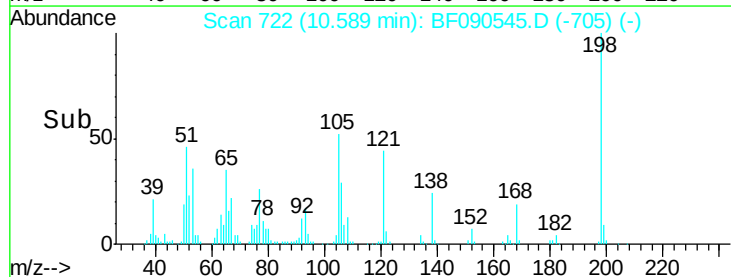
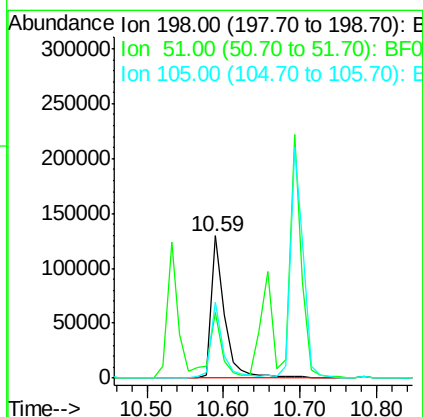
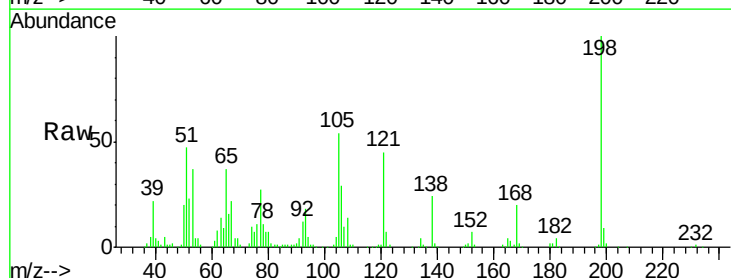
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

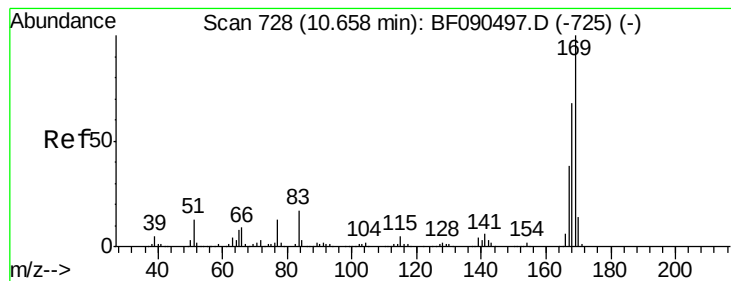
Tgt Ion:188 Resp: 714578
Ion Ratio Lower Upper
188 100
94 12.1 8.2 12.2
80 13.6 8.8 13.2#



#64
4,6-Dinitro-2-methylphenol
Concen: 32.99 ng
RT: 10.59 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Tgt Ion:198 Resp: 157466
Ion Ratio Lower Upper
198 100
51 46.6 67.3 107.3#
105 53.5 42.6 82.6

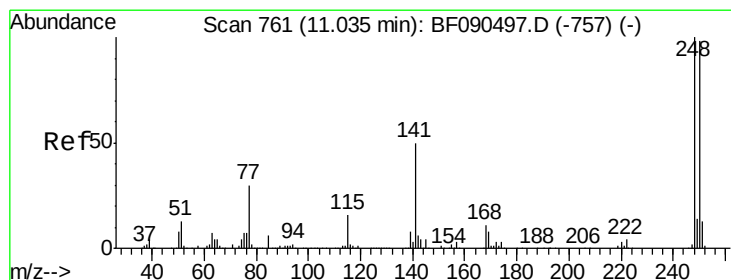
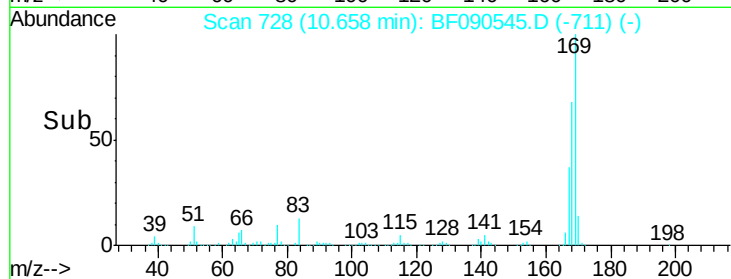
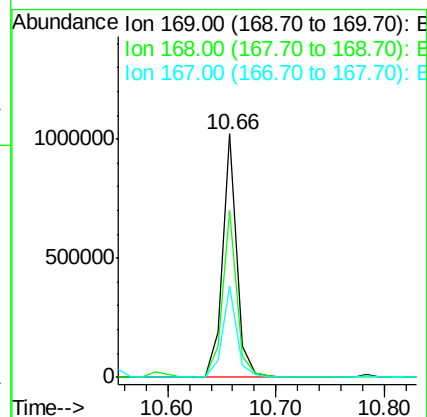
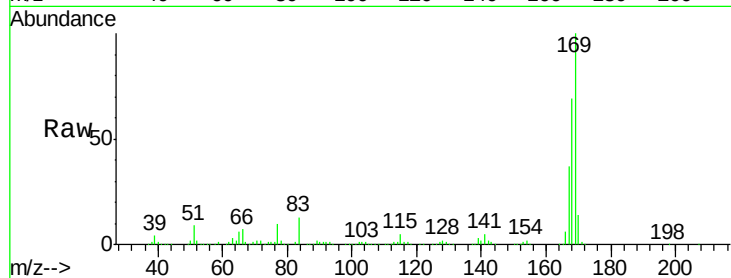




#65
n-Nitrosodiphenylamine
Concen: 40.58 ng
RT: 10.66 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

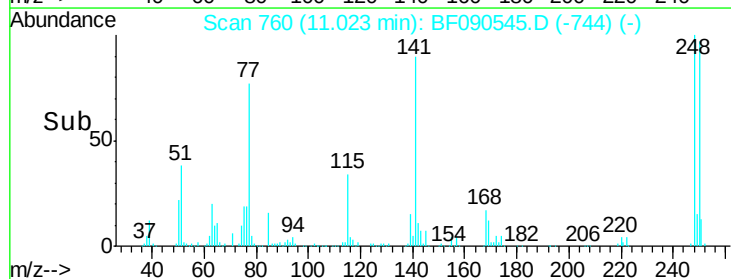
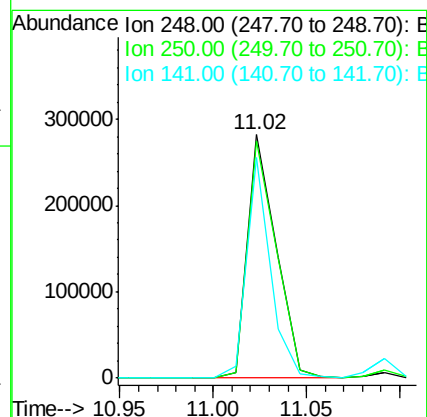
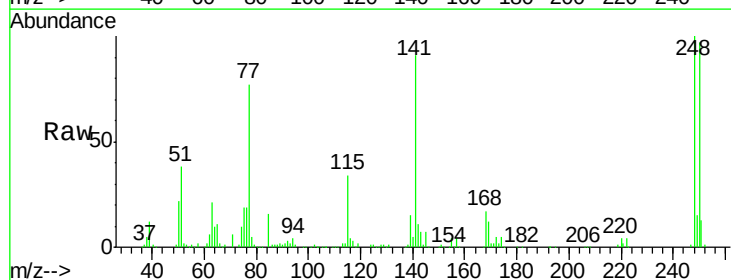
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

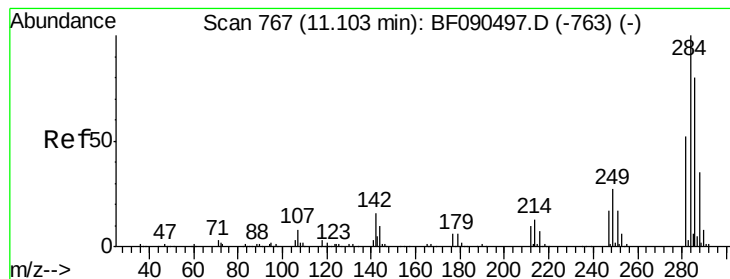
Tgt Ion:169 Resp: 943033
Ion Ratio Lower Upper
169 100
168 68.5 53.8 80.6
167 37.4 29.8 44.8



#66
4-Bromophenyl-phenylether
Concen: 38.19 ng
RT: 11.02 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Tgt Ion:248 Resp: 302394
Ion Ratio Lower Upper
248 100
250 97.4 76.5 114.7
141 90.7 59.8 89.6#





#67

Hexachlorobenzene

Concen: 40.38 ng

RT: 11.09 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

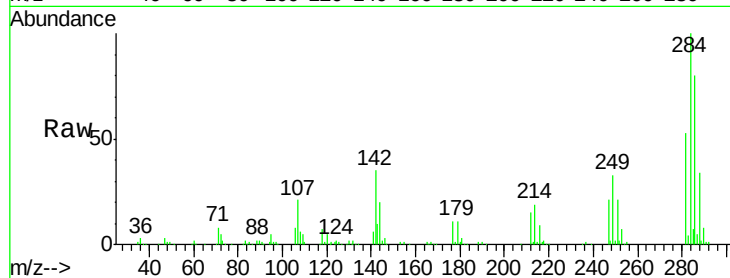
Tgt Ion:284 Resp: 353222

Ion Ratio Lower Upper

284 100

142 34.6 23.1 34.7

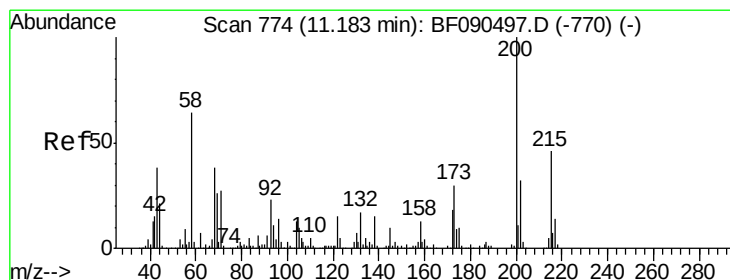
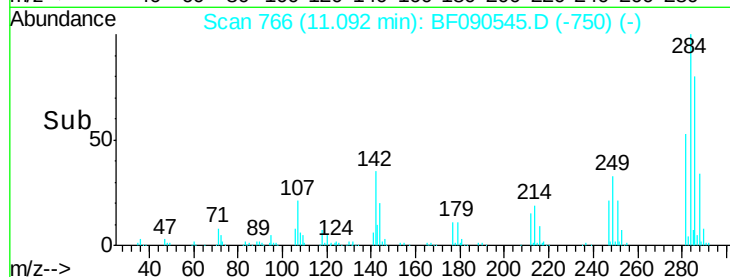
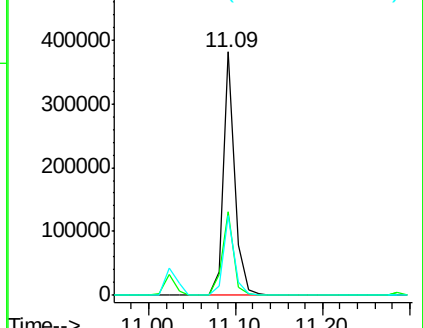
249 32.7 26.3 39.5



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: 39.51 ng

RT: 11.18 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

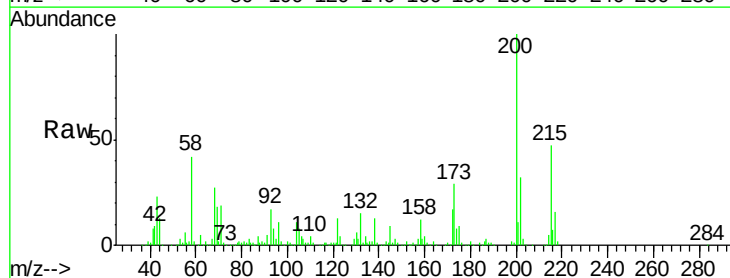
Tgt Ion:200 Resp: 284153

Ion Ratio Lower Upper

200 100

173 29.5 9.0 49.0

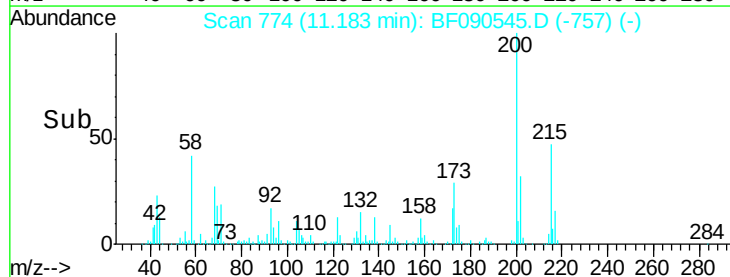
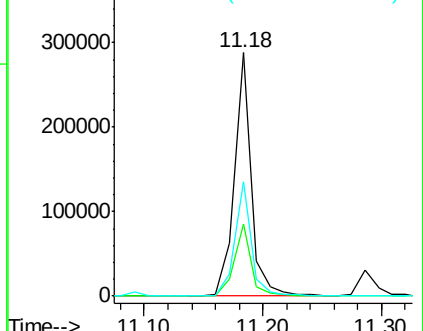
215 46.9 24.8 64.8

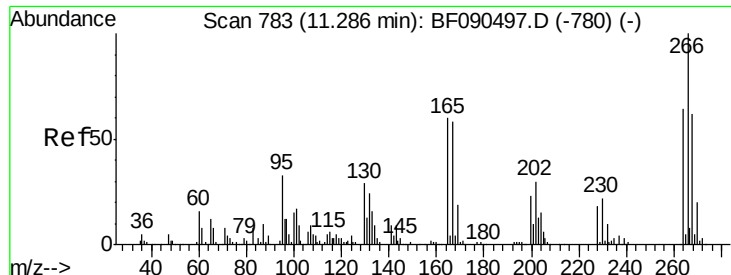


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

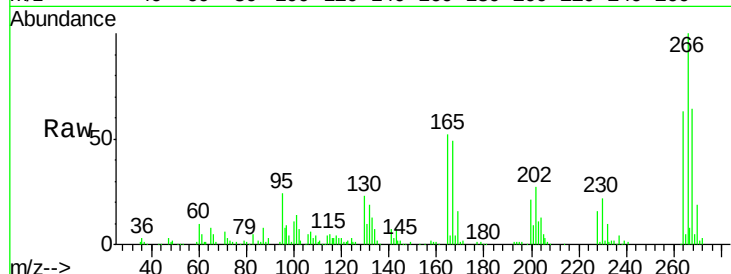




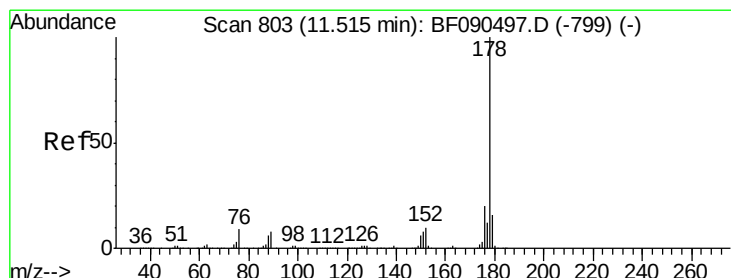
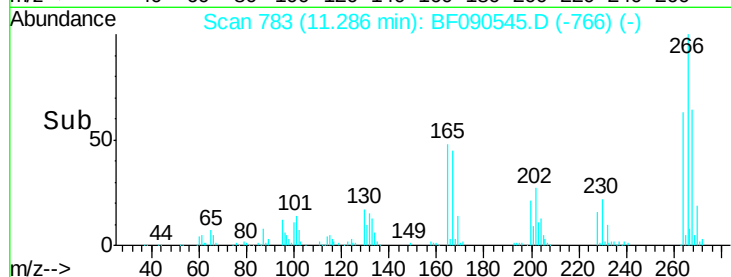
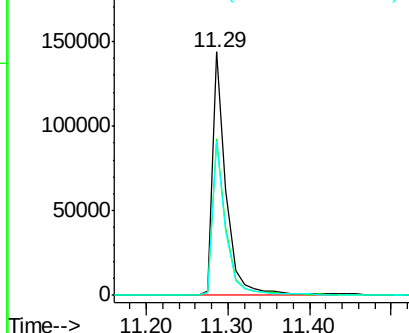
#69
 Pentachlorophenol
 Concen: 32.55 ng
 RT: 11.29 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:266 Resp: 169391
 Ion Ratio Lower Upper
 266 100
 268 64.2 50.9 76.3
 264 63.0 51.5 77.3

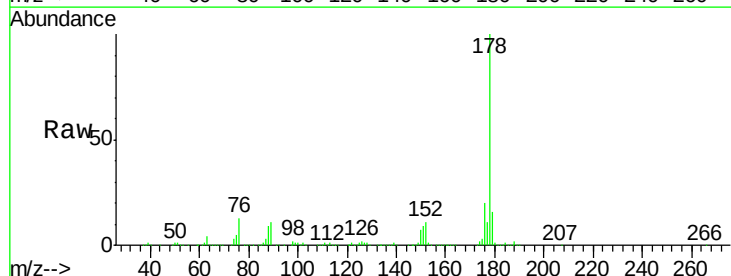


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

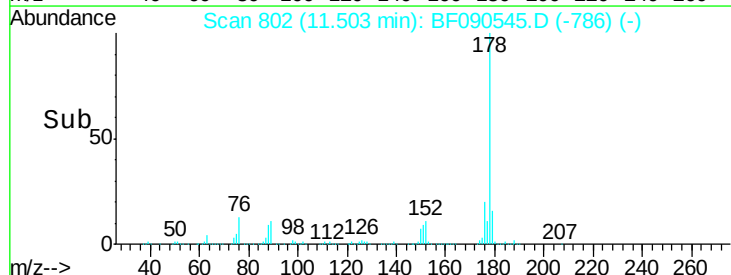
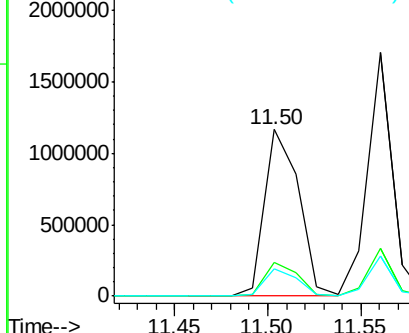


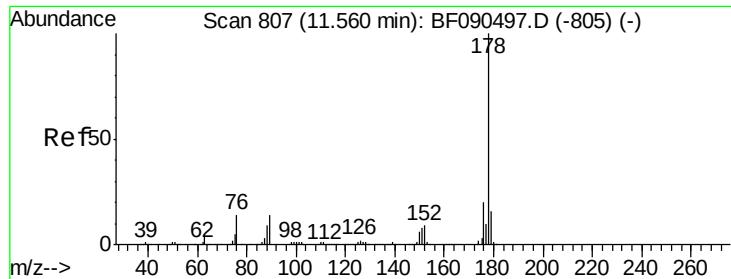
#70
 Phenanthrene
 Concen: 37.49 ng
 RT: 11.50 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Tgt Ion:178 Resp: 1476395
 Ion Ratio Lower Upper
 178 100
 176 19.9 17.3 25.9
 179 16.2 13.8 20.6



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

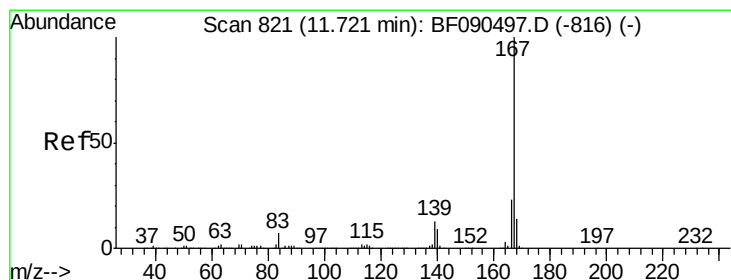
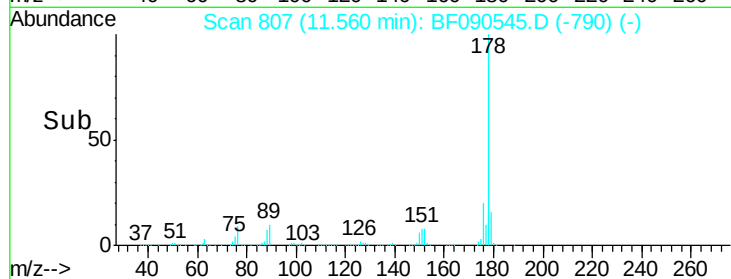
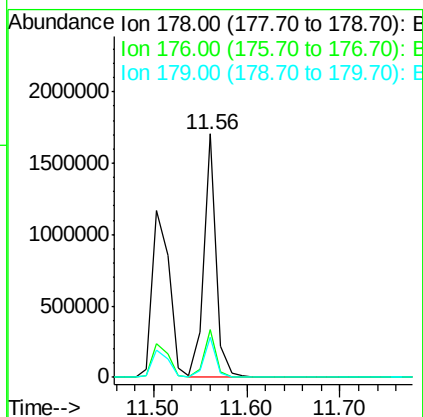
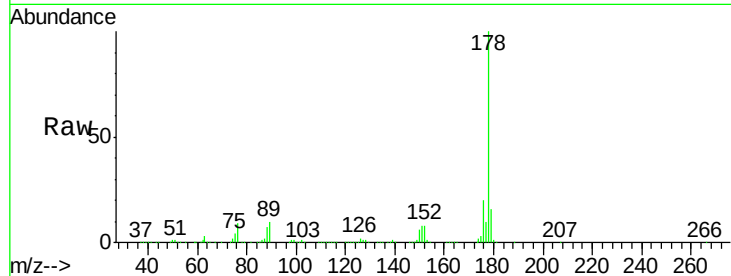




#71
 Anthracene
 Concen: 39.37 ng
 RT: 11.56 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

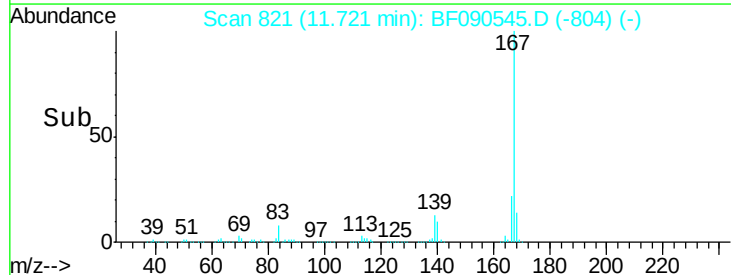
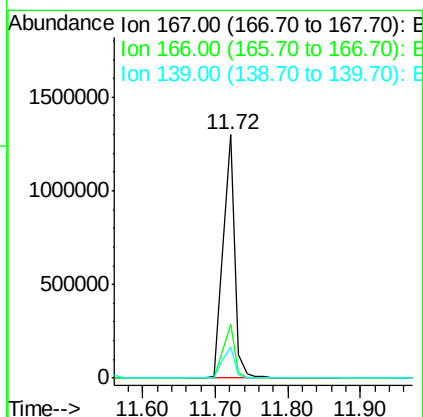
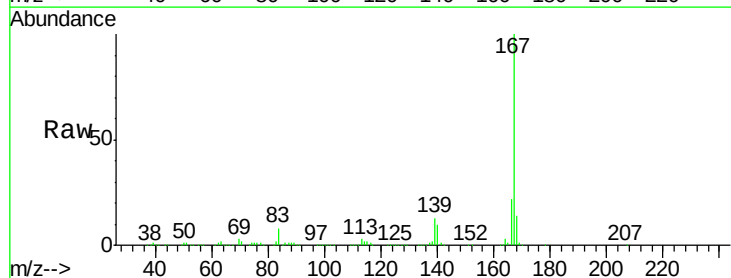
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

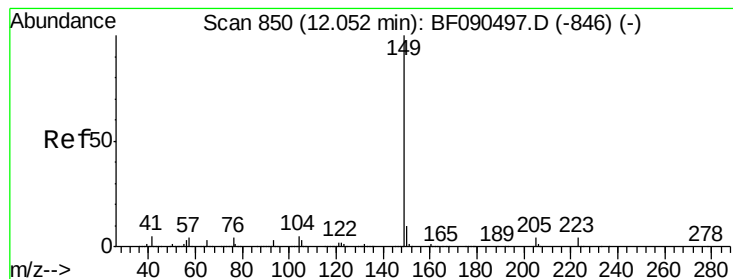
Tgt Ion:178 Resp: 1570925
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.8 25.2
 179 16.3 13.4 20.2



#72
 Carbazole
 Concen: 38.29 ng
 RT: 11.72 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Tgt Ion:167 Resp: 1442748
 Ion Ratio Lower Upper
 167 100
 166 22.3 19.1 28.7
 139 13.0 12.1 18.1





#73

Di-n-butylphthalate

Concen: 36.03 ng

RT: 12.04 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

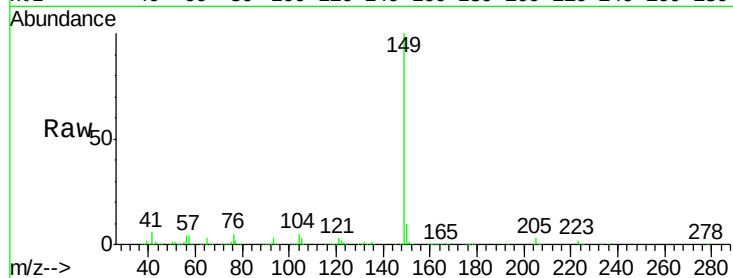
Tgt Ion:149 Resp: 1634964

Ion Ratio Lower Upper

149 100

150 9.9 8.6 12.8

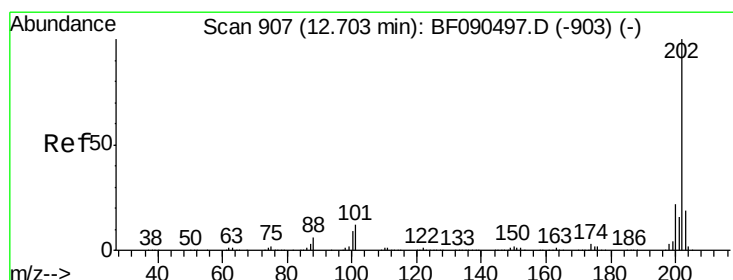
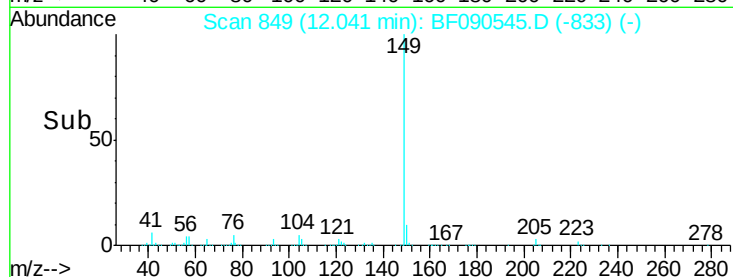
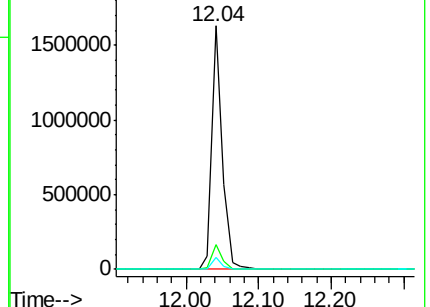
104 5.0 4.7 7.1



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: 37.19 ng

RT: 12.69 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

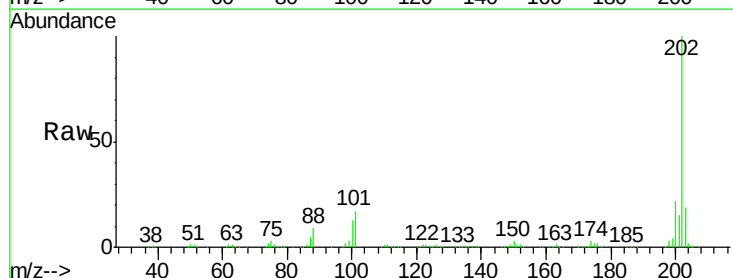
Tgt Ion:202 Resp: 1494936

Ion Ratio Lower Upper

202 100

101 17.3 0.0 37.2

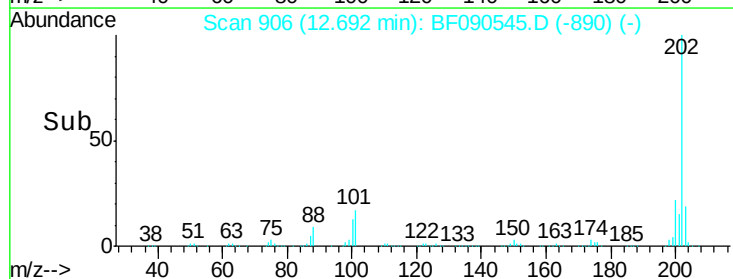
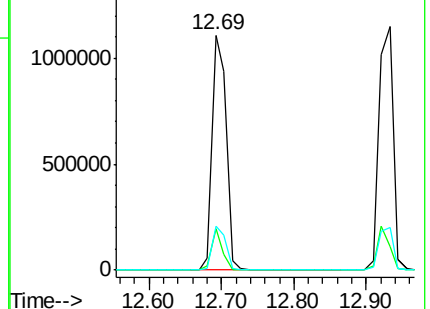
203 18.6 0.0 39.3

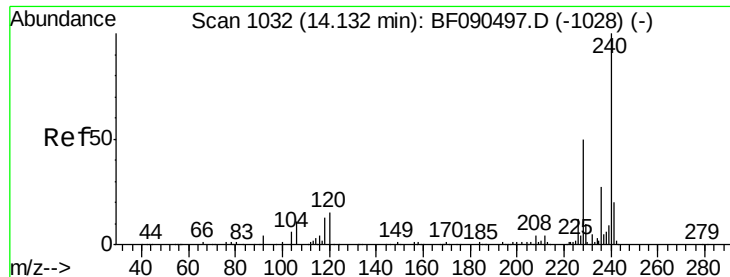


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.13 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

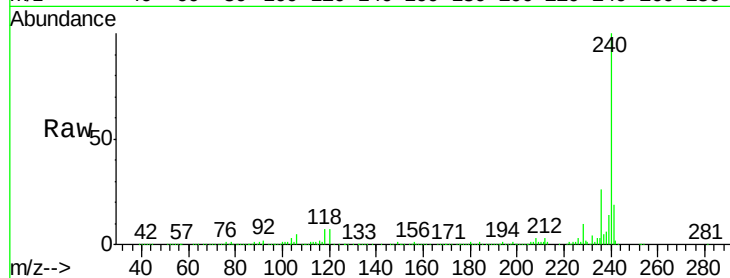
Tgt Ion:240 Resp: 533160

Ion Ratio Lower Upper

240 100

120 7.3 8.6 13.0#

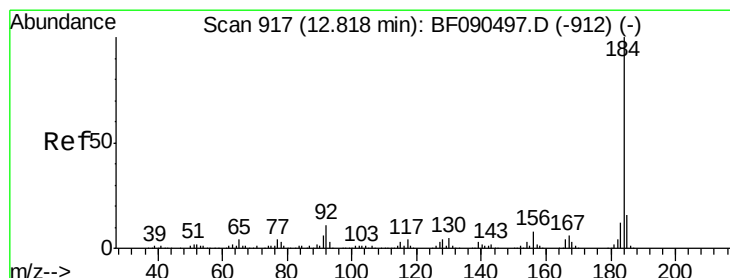
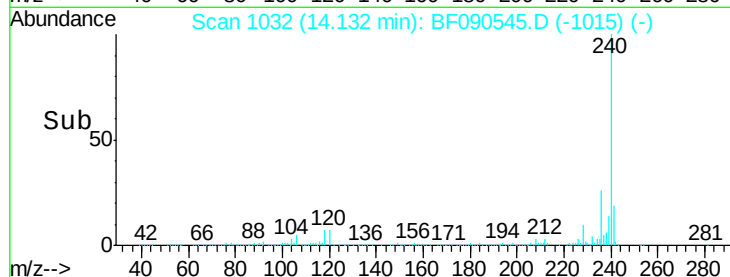
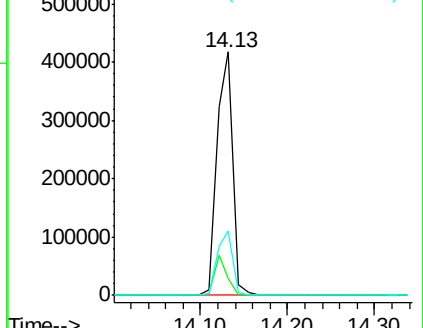
236 26.2 21.6 32.4



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: 31.98 ng

RT: 12.82 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

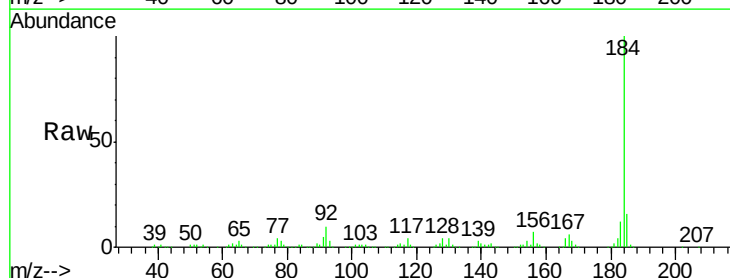
Tgt Ion:184 Resp: 535815

Ion Ratio Lower Upper

184 100

185 16.5 11.8 17.8

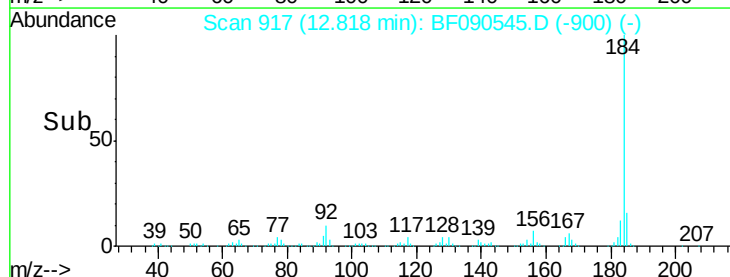
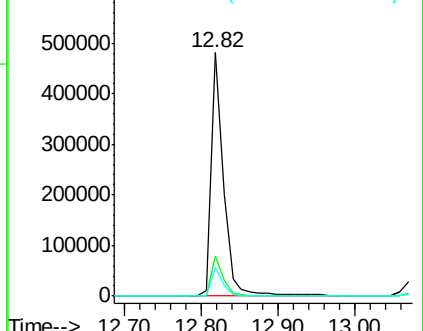
183 11.8 9.6 14.4

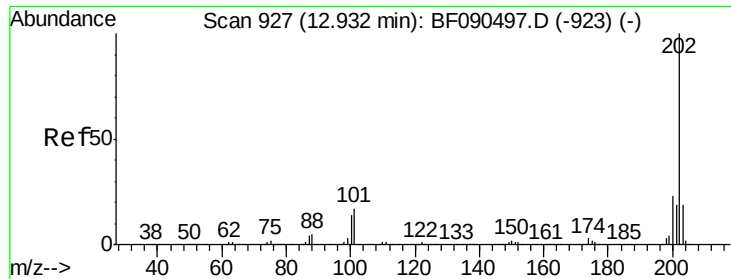


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



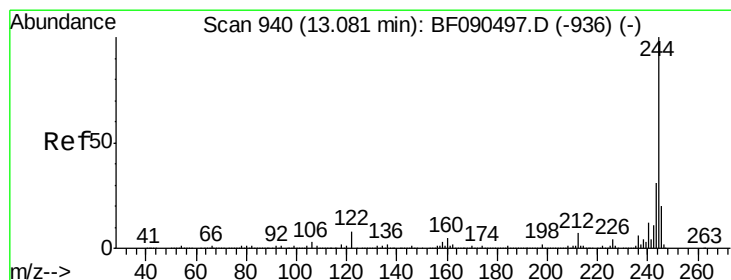
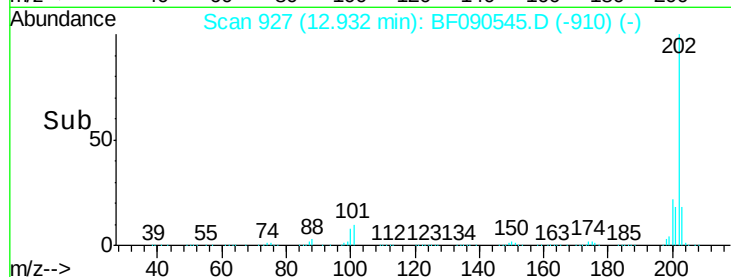
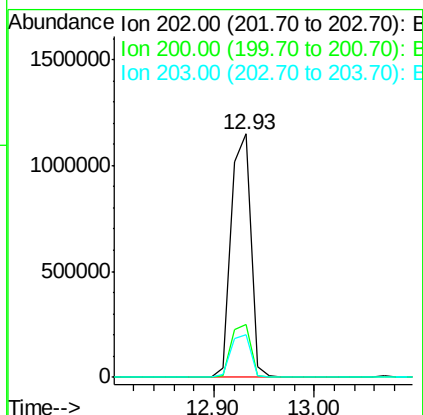
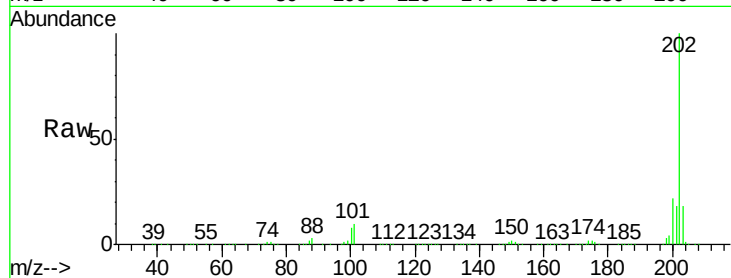


#77
Pyrene
 Concen: 46.74 ng
 RT: 12.93 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 202 Resp: 1559746

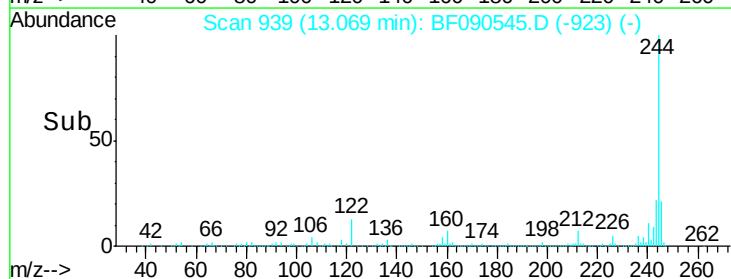
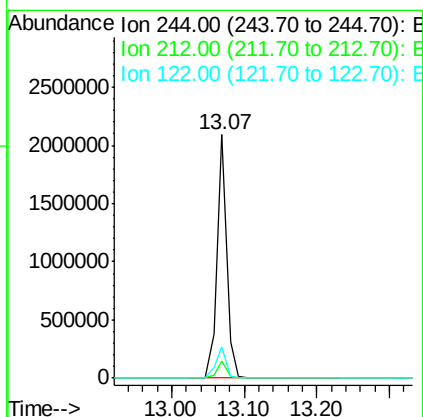
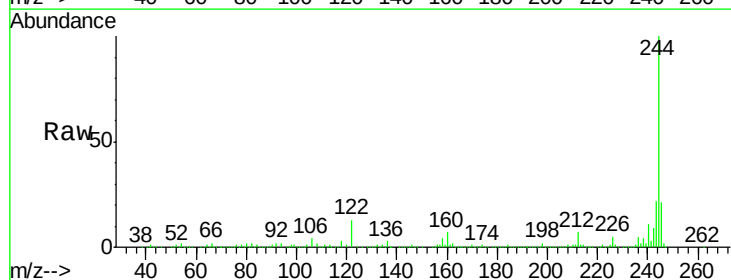
Ion	Ratio	Lower	Upper
202	100		
200	21.8	18.5	27.7
203	17.6	15.0	22.6

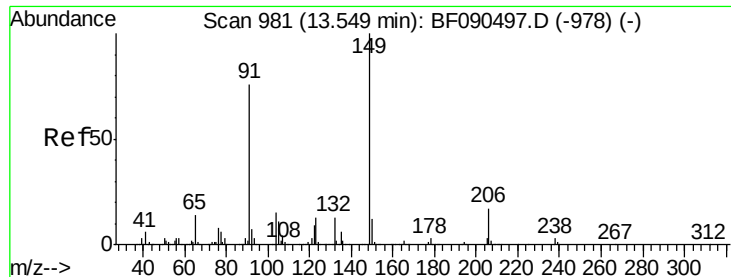


#78
Terphenyl-d14
 Concen: 88.25 ng
 RT: 13.07 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Tgt Ion: 244 Resp: 1925288

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.8	10.2
122	12.9	13.3	19.9#

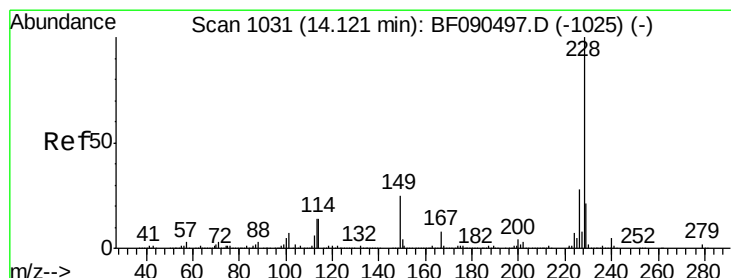
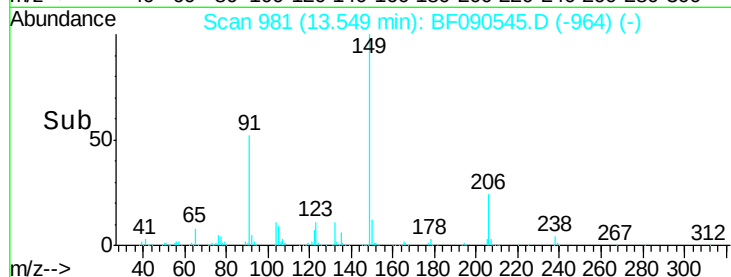
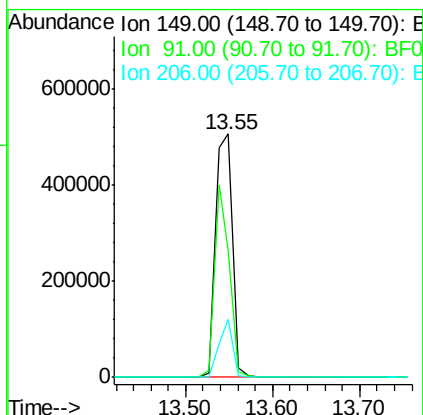
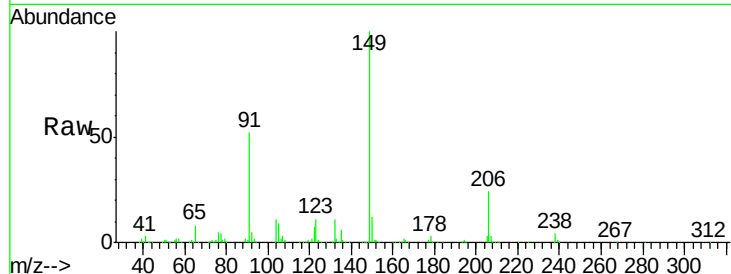




#79
Butylbenzylphthalate
Concen: 44.91 ng
RT: 13.55 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

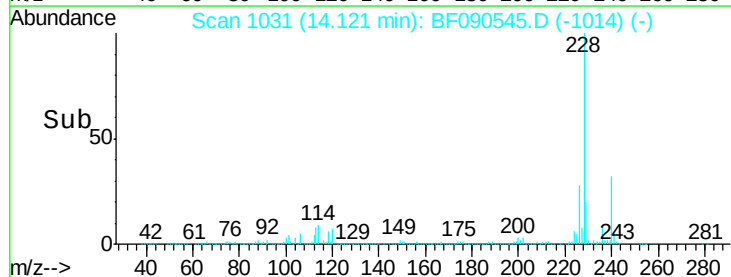
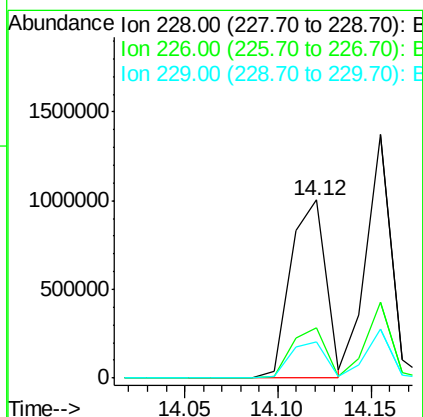
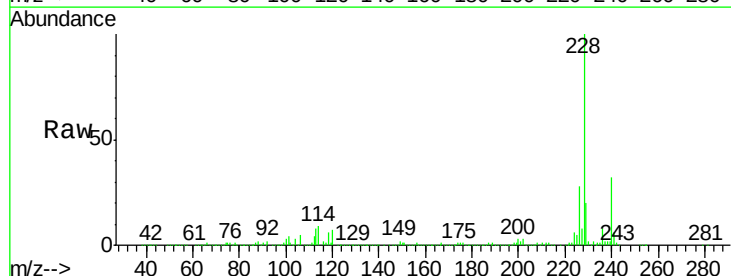
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

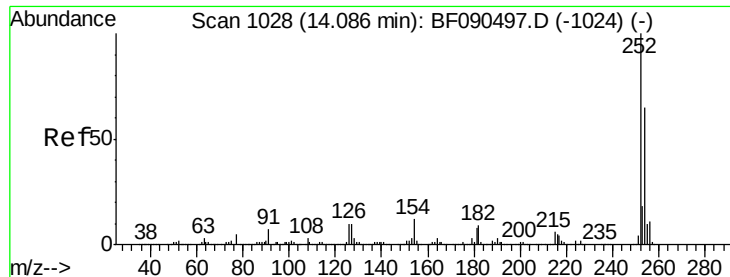
Tgt Ion:149 Resp: 701642
Ion Ratio Lower Upper
149 100
91 52.5 51.8 77.8
206 23.7 18.0 27.0



#80
Benzo(a)anthracene
Concen: 41.51 ng
RT: 14.12 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF090545.D
Acq: 12 Oct 2016 19:43

Tgt Ion:228 Resp: 1318977
Ion Ratio Lower Upper
228 100
226 27.9 23.6 35.4
229 20.2 16.6 25.0

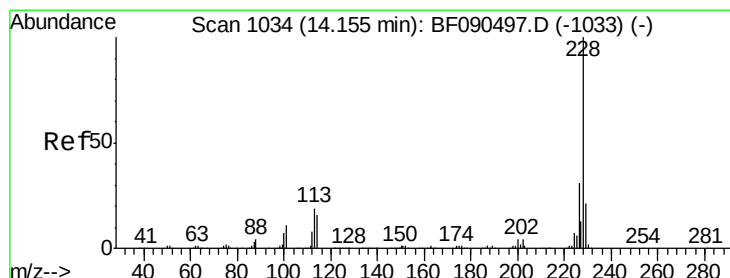
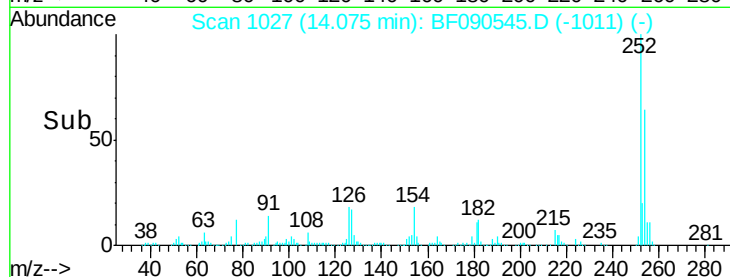
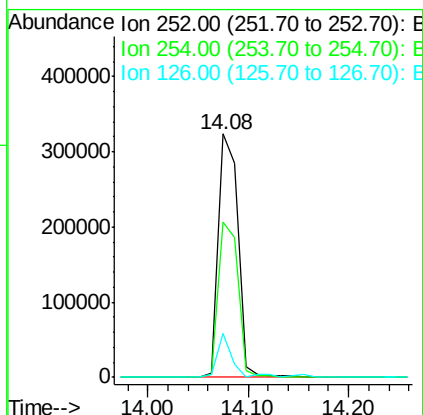
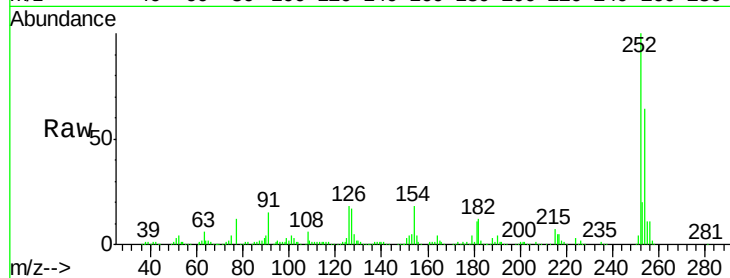




#81
 3,3'-Dichlorobenzidine
 Concen: 38.54 ng
 RT: 14.08 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

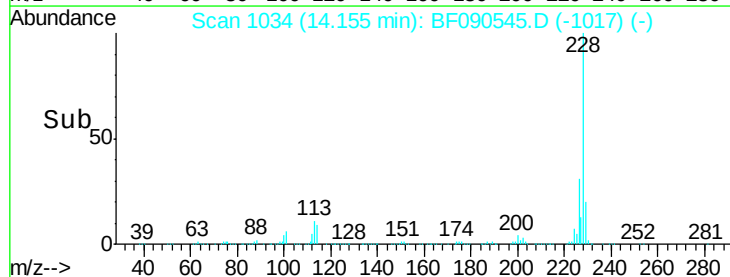
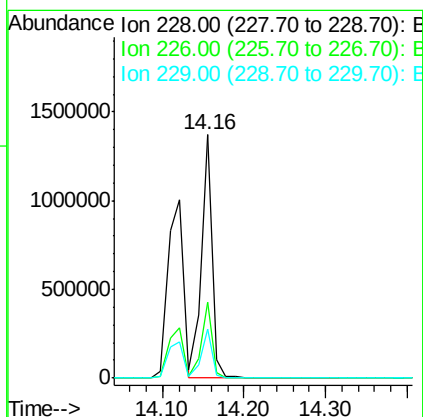
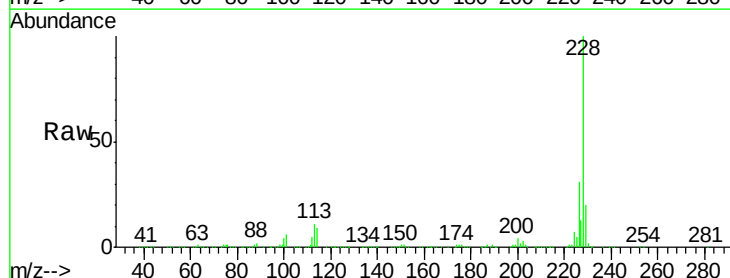
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

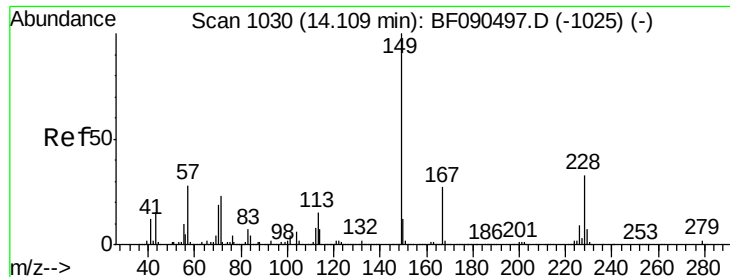
Tgt Ion: 252 Resp: 440747
 Ion Ratio Lower Upper
 252 100
 254 63.7 52.1 78.1
 126 17.9 4.2 6.4#



#82
 Chrysene
 Concen: 43.18 ng
 RT: 14.16 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF090545.D
 Acq: 12 Oct 2016 19:43

Tgt Ion: 228 Resp: 1277017
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.8 38.6
 229 20.4 16.9 25.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.30 ng

RT: 14.10 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

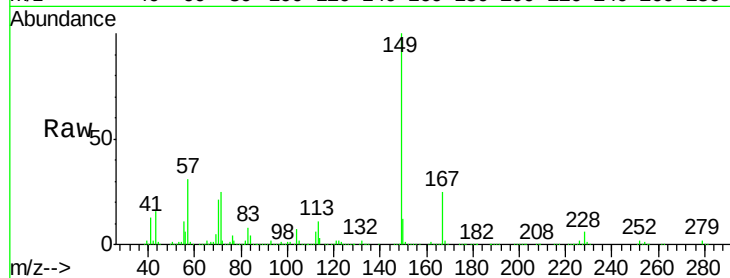
Tgt Ion:149 Resp: 964335

Ion Ratio Lower Upper

149 100

167 25.1 21.5 32.3

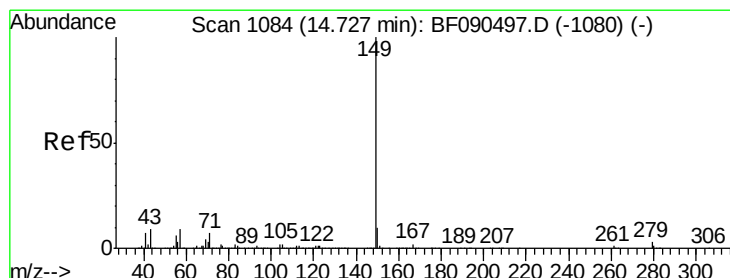
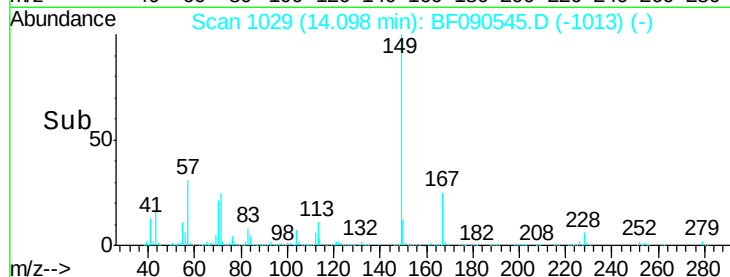
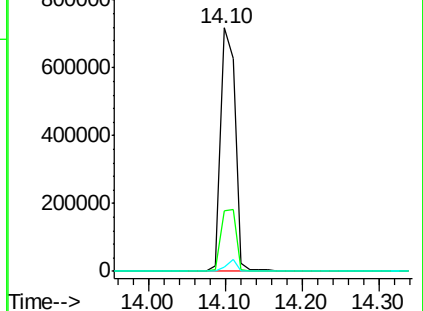
279 1.9 2.6 3.8#



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: 40.58 ng

RT: 14.72 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

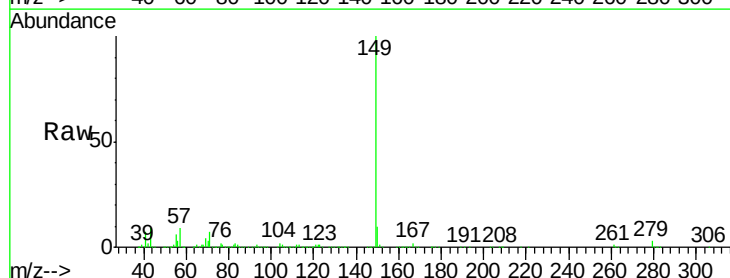
Tgt Ion:149 Resp: 1432685

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

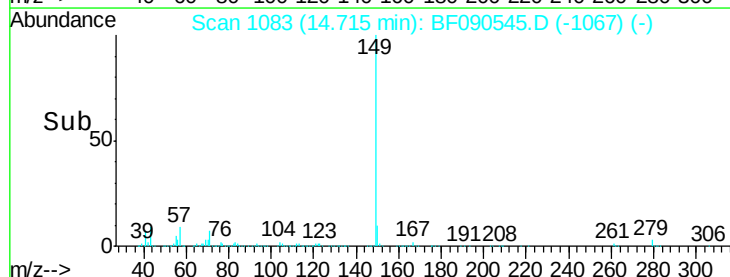
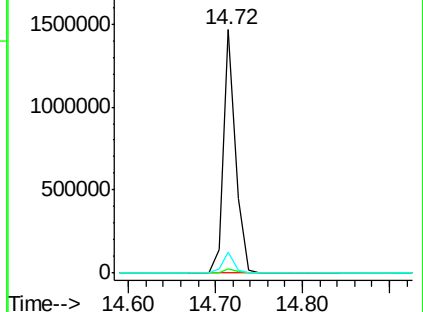
43 8.4 11.8 17.8#

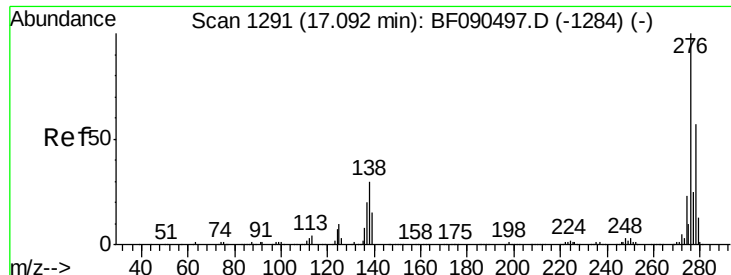


Abundance Ion 149.00 (148.70 to 149.70): E

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: 38.02 ng

RT: 17.07 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

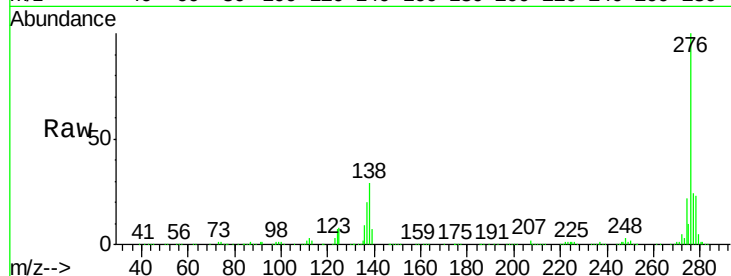
Tgt Ion:276 Resp: 936201

Ion Ratio Lower Upper

276 100

138 31.8 23.8 35.8

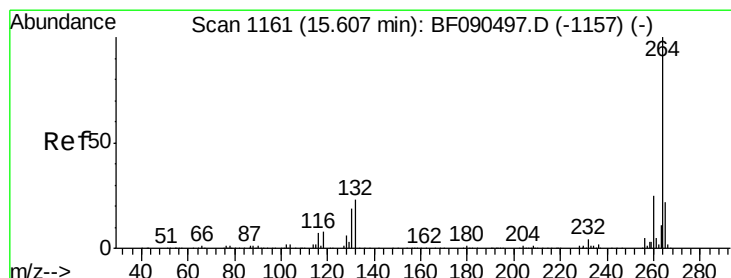
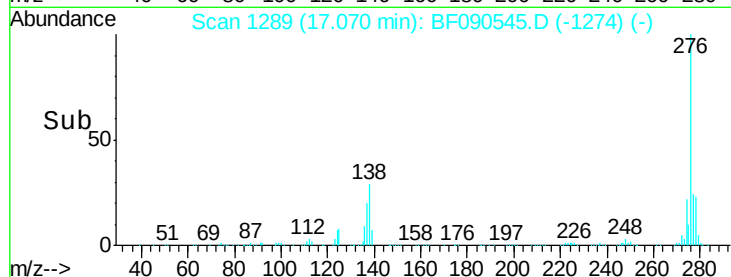
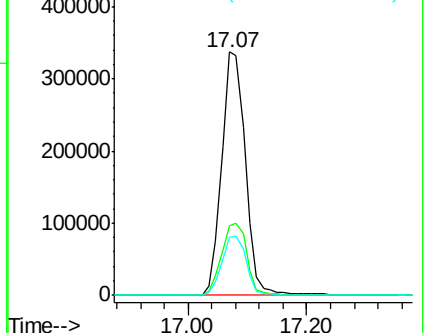
277 25.1 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.60 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

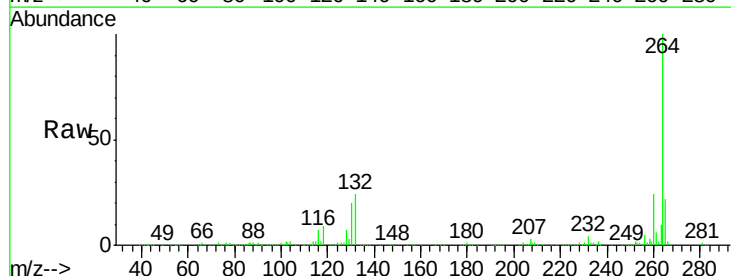
Tgt Ion:264 Resp: 381735

Ion Ratio Lower Upper

264 100

260 24.4 19.3 28.9

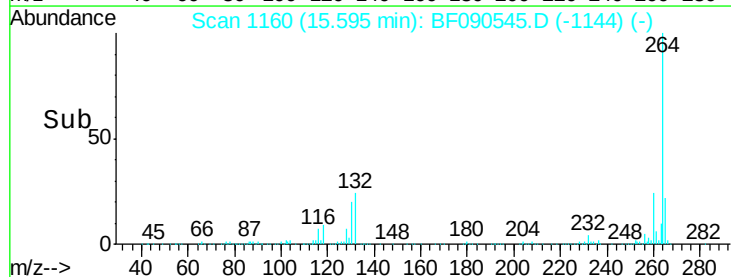
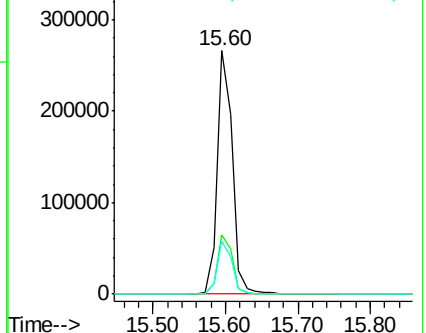
265 21.8 17.4 26.0

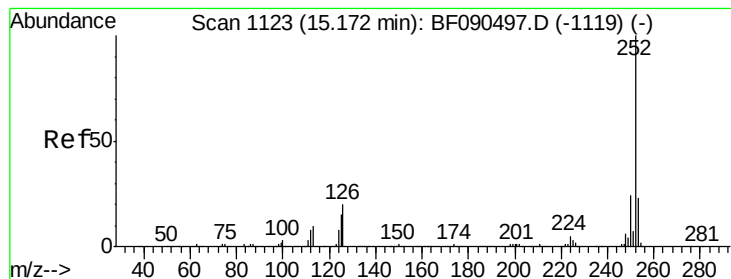


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.91 ng

RT: 15.17 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

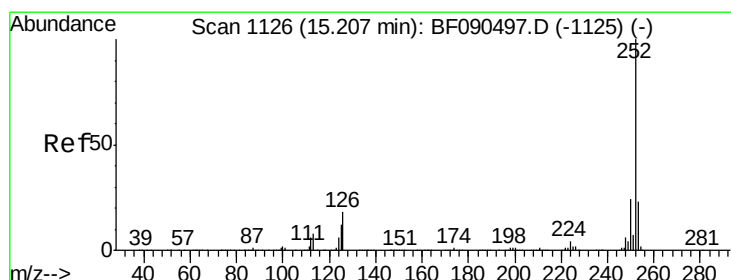
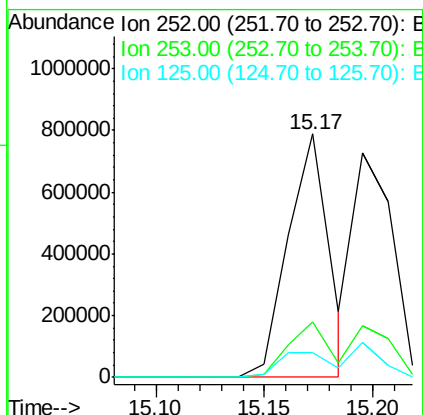
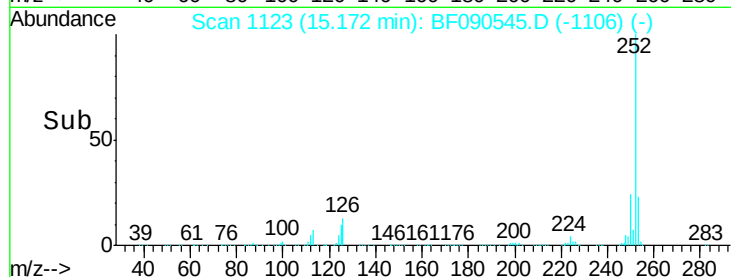
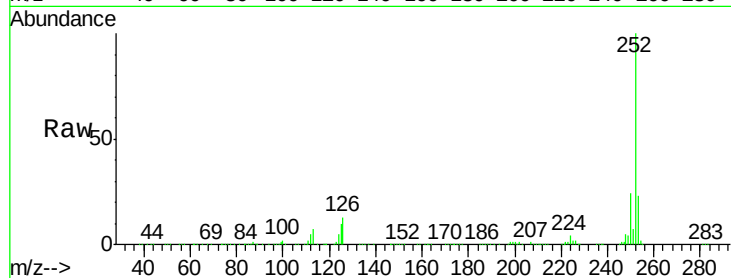
Tgt Ion:252 Resp: 1030360

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

125 10.3 7.0 10.4



#88

Benzo(k)fluoranthene

Concen: 45.93 ng

RT: 15.17 min Scan# 1123

Delta R.T. -0.03 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

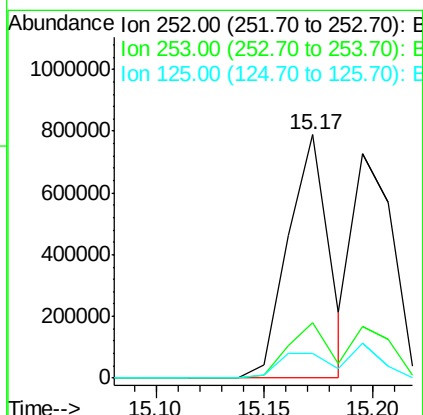
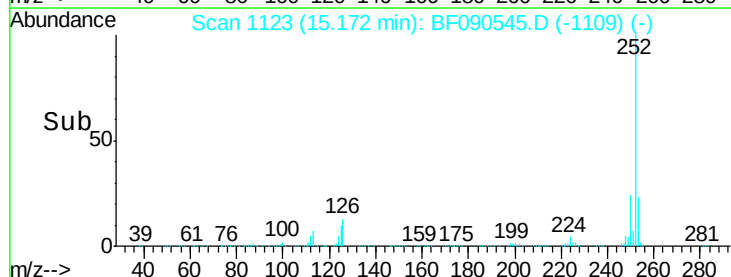
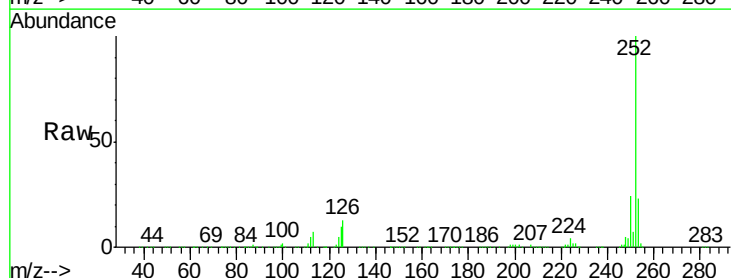
Tgt Ion:252 Resp: 1030360

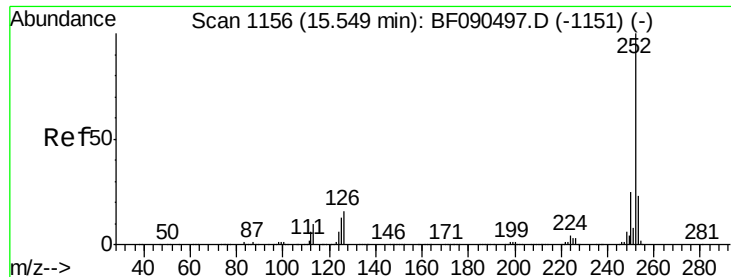
Ion Ratio Lower Upper

252 100

253 22.5 18.6 27.8

125 10.3 11.7 17.5#





#89

Benzo(a)pyrene

Concen: 40.48 ng

RT: 15.54 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

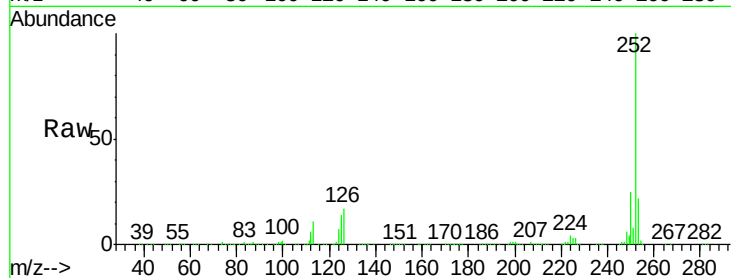
Tgt Ion:252 Resp: 895424

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

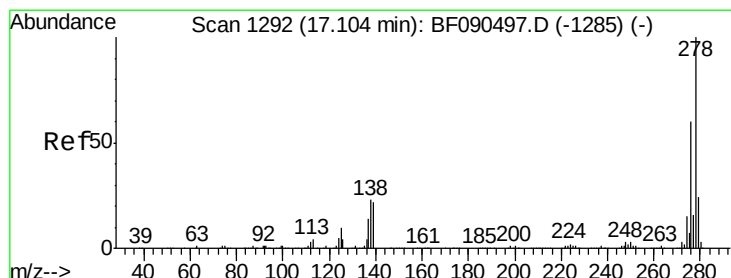
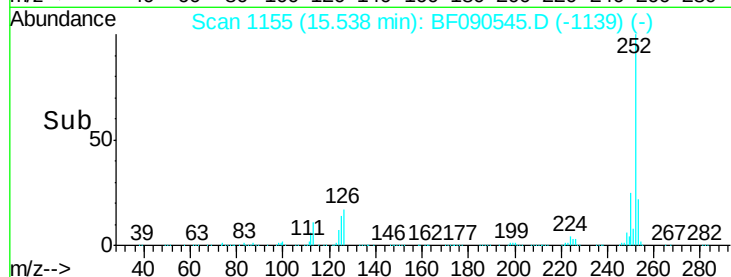
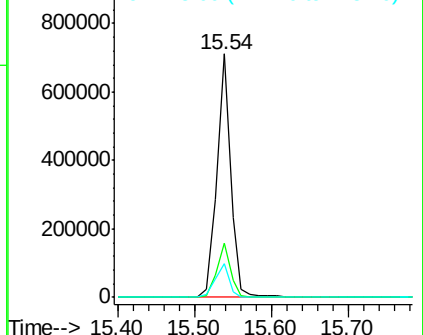
125 13.6 9.8 14.8



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: 43.21 ng

RT: 17.09 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF090545.D

Acq: 12 Oct 2016 19:43

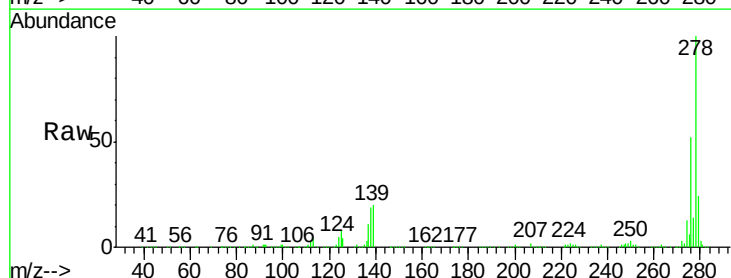
Tgt Ion:278 Resp: 811845

Ion Ratio Lower Upper

278 100

139 20.2 12.8 19.2#

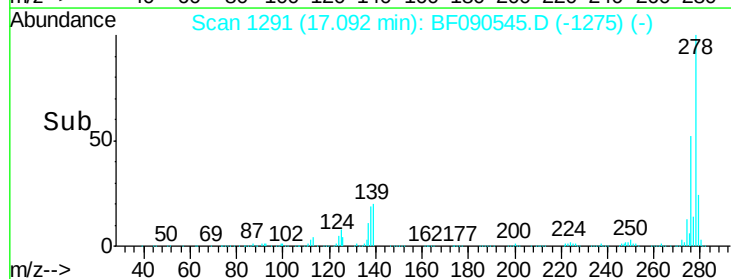
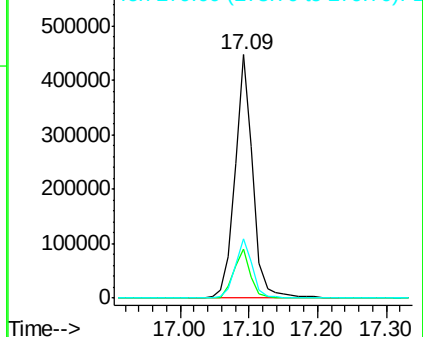
279 24.2 19.6 29.4

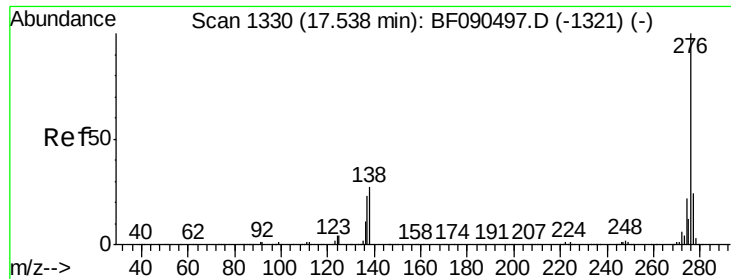


Abundance Ion 278.00 (277.70 to 278.70): E

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: 46.35 ng

RT: 17.53 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF090545.D

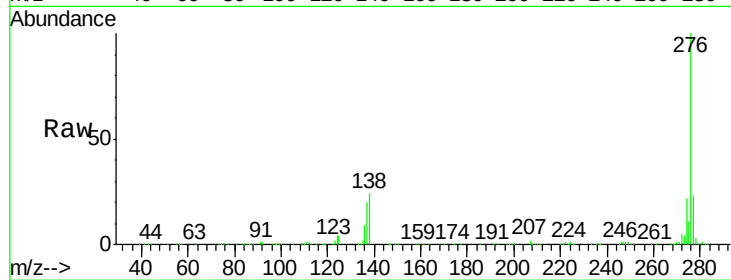
Acq: 12 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



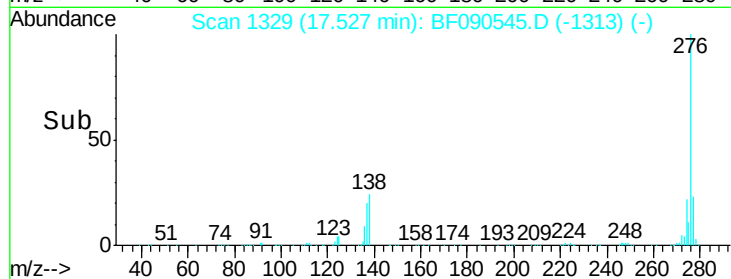
Tgt Ion: 276 Resp: 805426

Ion Ratio Lower Upper

276 100

277 23.3 19.4 29.0

138 23.6 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

