

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100416\
 Data File : BF090340.D
 Acq On : 4 Oct 2016 13:23
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 04 13:48:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 12:59:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	272621	20.00	ng	0.01
21) Naphthalene-d8	8.30	136	1014437	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	458533	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	684898	20.00	ng	0.01
75) Chrysene-d12	14.19	240	523395	20.00	ng	0.00
86) Perylene-d12	15.70	264	517076	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	2471511	147.77	ng	0.00
7) Phenol-d6	6.64	99	2991341	144.82	ng	0.01
23) Nitrobenzene-d5	7.58	82	2808925	160.51	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	728004	185.06	ng	0.01
44) 2-Fluorobiphenyl	9.38	172	3845305	164.63	ng	0.00
78) Terphenyl-d14	13.14	244	3295668	159.86	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.71	88	653585	72.02	ng	# 88
3) Pyridine	3.48	79	1762418	89.56	ng	# 80
4) n-Nitrosodimethylamine	3.44	42	660402	112.44	ng	# 54
6) Aniline	6.67	93	2207138	85.72	ng	99
8) 2-Chlorophenol	6.80	128	1432732	74.45	ng	95
9) Benzaldehyde	6.56	77	736913	81.87	ng	99
10) Phenol	6.65	94	1957218	80.15	ng	94
11) bis(2-Chloroethyl)ether	6.75	93	1454011	76.36	ng	95
12) 1,3-Dichlorobenzene	6.96	146	1541397	76.67	ng	98
13) 1,4-Dichlorobenzene	7.03	146	1378039	67.13	ng	99
14) 1,2-Dichlorobenzene	7.19	146	1416274	77.45	ng	100
15) Benzyl Alcohol	7.15	79	1163845	94.49	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1976105	86.85	ng	90
17) 2-Methylphenol	7.26	107	1088878	71.83	ng	98
18) Hexachloroethane	7.53	117	558422	76.27	ng	99
19) n-Nitroso-di-n-propylamine	7.44	70	1025110	84.48	ng	# 78
20) 3+4-Methylphenols	7.42	107	1248596	68.61	ng	97
22) Acetophenone	7.43	105	1826941	74.68	ng	# 86
24) Nitrobenzene	7.60	77	1473960	80.84	ng	95
25) Isophorone	7.84	82	2492448	68.17	ng	99
26) 2-Nitrophenol	7.92	139	638024	71.06	ng	# 88
27) 2,4-Dimethylphenol	7.95	122	1251507	78.45	ng	95
28) bis(2-Chloroethoxy)methane	8.04	93	1431161	64.71	ng	98
29) 2,4-Dichlorophenol	8.16	162	1031087	73.69	ng	98
30) 1,2,4-Trichlorobenzene	8.24	180	1058514	75.74	ng	99
31) Naphthalene	8.33	128	3419127	70.78	ng	99
32) Benzoic acid	8.08	122	867457	79.21	ng	97
33) 4-Chloroaniline	8.36	127	1283118	64.04	ng	97
34) Hexachlorobutadiene	8.44	225	691133	93.74	ng	99
35) Caprolactam	8.74	113	262317	56.64	ng	91
36) 4-Chloro-3-methylphenol	8.84	107	1154941	73.03	ng	96
37) 2-Methylnaphthalene	9.02	142	2172805	72.33	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.19	216	1050698	99.83	ng	99
40) Hexachlorocyclopentadiene	9.18	237	689011	132.67	ng	99

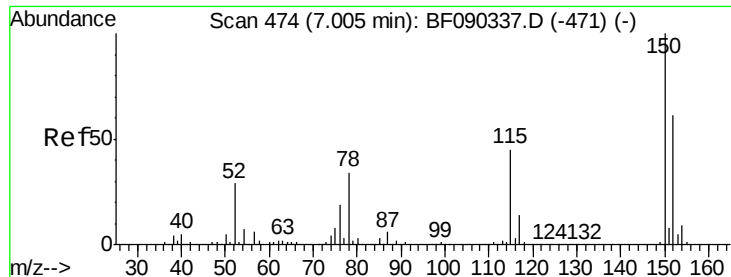
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100416\
 Data File : BF090340.D
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 QLast Update : Tue Oct 04 12:59:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	775361	103.38	nq	99
43) 2,4,5-Trichlorophenol	9.32	196	594218	76.51	nq	96
45) 1,1'-Biphenyl	9.48	154	2812138	85.72	nq	99
46) 2-Chloronaphthalene	9.51	162	2063837	85.28	nq	98
47) 2-Nitroaniline	9.60	65	680171	93.22	nq	# 75
48) Acenaphthylene	9.92	152	2948396	75.02	nq	100
49) Dimethylphthalate	9.78	163	2131211	72.97	nq	99
50) 2,6-Dinitrotoluene	9.84	165	502227	77.16	nq	# 83
51) Acenaphthene	10.09	154	1855484	79.53	nq	98
52) 3-Nitroaniline	10.01	138	618885	81.09	nq	87
53) 2,4-Dinitrophenol	10.11	184	183038	64.34	nq	# 73
54) Dibenzofuran	10.26	168	2394711	78.00	nq	92
55) 4-Nitrophenol	10.15	139	449811	86.03	nq	97
56) 2,4-Dinitrotoluene	10.24	165	569440	73.98	nq	# 44
57) Fluorene	10.62	166	2023085	87.44	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	435936	74.98	nq	89
59) Diethylphthalate	10.48	149	2019143	71.59	nq	93
60) 4-Chlorophenyl-phenylether	10.61	204	1073939	101.79	nq	90
61) 4-Nitroaniline	10.63	138	579875	74.55	nq	88
62) Azobenzene	10.77	77	2452923	83.55	nq	89
64) 4,6-Dinitro-2-methylphenol	10.65	198	305047	71.11	nq	# 64
65) n-Nitrosodiphenylamine	10.72	169	1638244	72.74	nq	97
66) 4-Bromophenyl-phenylether	11.10	248	634002	94.07	nq	# 90
67) Hexachlorobenzene	11.17	284	717767	91.38	nq	# 87
68) Atrazine	11.25	200	439295	71.18	nq	97
69) Pentachlorophenol	11.35	266	402028	90.17	nq	99
70) Phenanthrene	11.58	178	2701454	84.34	nq	99
71) Anthracene	11.62	178	2555828	76.08	nq	99
72) Carbazole	11.78	167	2545902	71.69	nq	97
73) Di-n-butylphthalate	12.11	149	2913215	70.54	nq	99
74) Fluoranthene	12.77	202	2353777	68.46	nq	99
76) Benzidine	12.88	184	1129724	64.49	nq	# 95
77) Pyrene	12.99	202	2417375	67.50	nq	99
79) Butylbenzylphthalate	13.61	149	1202369	68.63	nq	# 73
80) Benzo(a)anthracene	14.19	228	2393188	84.99	nq	99
81) 3,3'-Dichlorobenzidine	14.15	252	813077	70.02	nq	# 97
82) Chrysene	14.23	228	2291261	83.53	nq	98
83) Bis(2-ethylhexyl)phthalate	14.18	149	1796959	80.15	nq	96
84) Di-n-octyl phthalate	14.80	149	2714507	70.29	nq	# 91
85) Indeno(1,2,3-cd)pyrene	17.23	276	2805495	126.50	nq	98
87) Benzo(b)fluoranthene	15.27	252	2451491	85.62	nq	99
88) Benzo(k)fluoranthene	15.27	252	2451491	91.23	nq	# 95
89) Benzo(a)pyrene	15.65	252	2168444	80.51	nq	98
90) Dibenzo(a,h)anthracene	17.26	278	2308119	109.82	nq	# 95
91) Benzo(g,h,i)perylene	17.70	276	2260313	109.87	nq	99

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

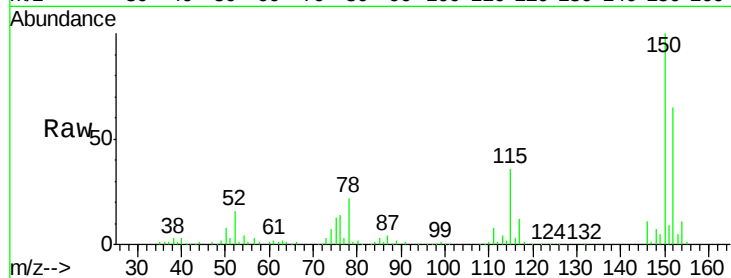


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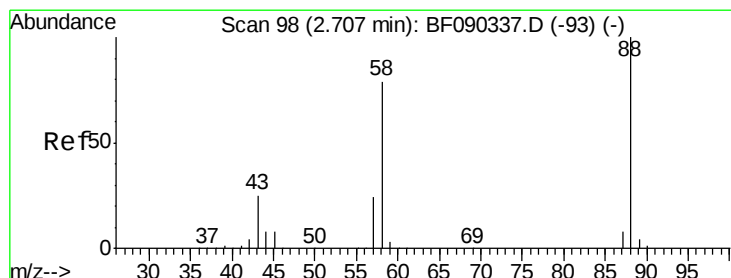
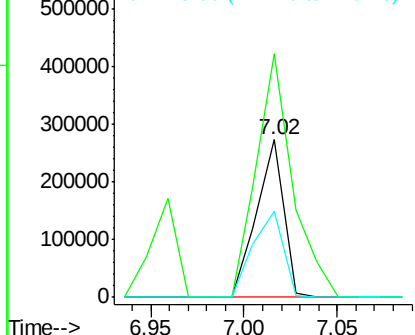
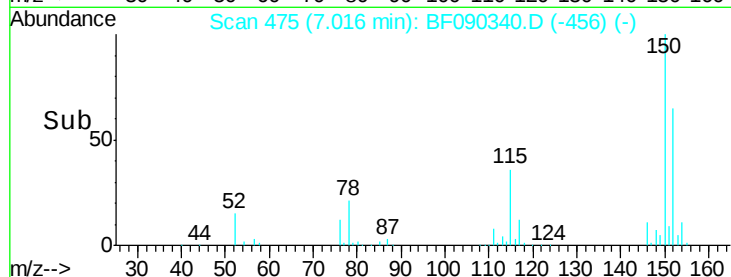
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.02 min Scan# 475
Delta R.T. 0.01 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 272621
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 55.1 46.2 69.4



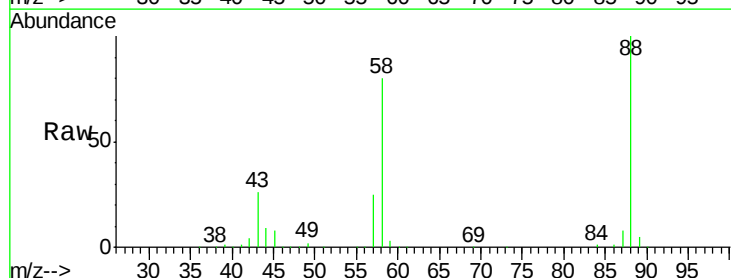
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



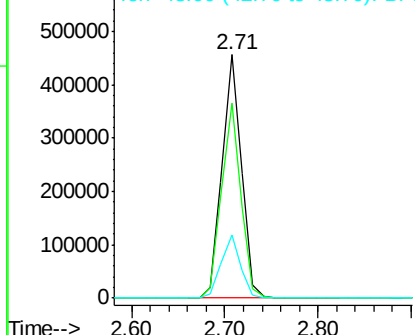
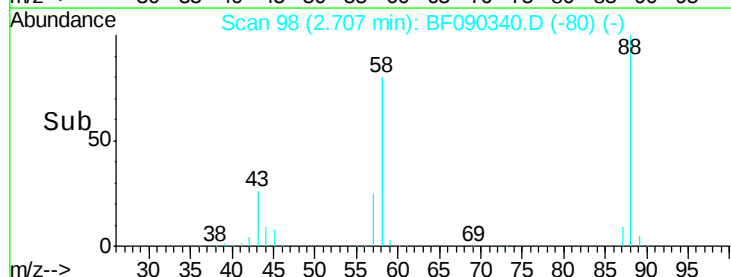
#2

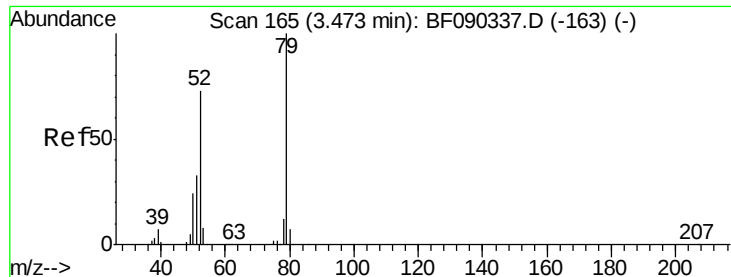
1,4-Dioxane
Concen: 72.02 ng
RT: 2.71 min Scan# 98
Delta R.T. 0.00 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

Tgt Ion: 88 Resp: 653585
Ion Ratio Lower Upper
88 100
58 79.9 71.2 106.8
43 25.9 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

Pvridine

Concen: 89.56 ng

RT: 3.48 min Scan# 166

Delta R.T. 0.01 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

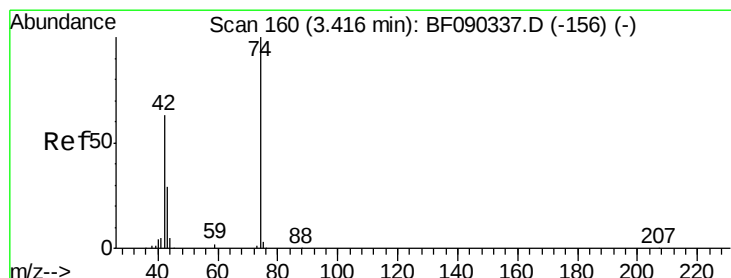
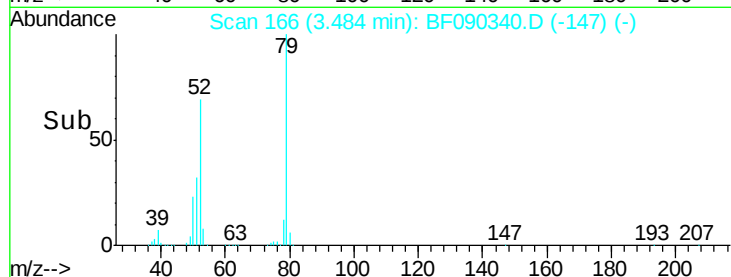
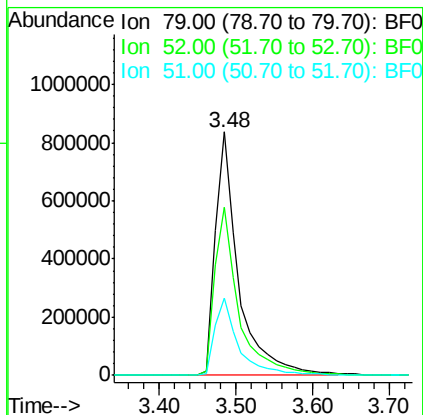
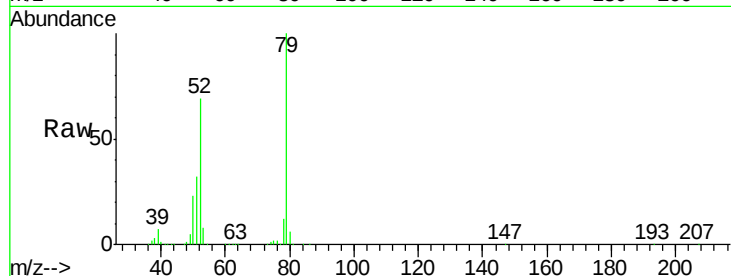
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 1762418

Ion	Ratio	Lower	Upper
79	100		
52	69.2	71.3	106.9#
51	31.7	34.5	51.7#



#4

n-Nitrosodimethylamine

Concen: 112.44 ng

RT: 3.44 min Scan# 162

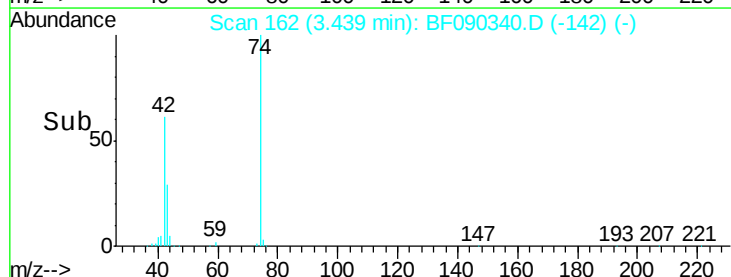
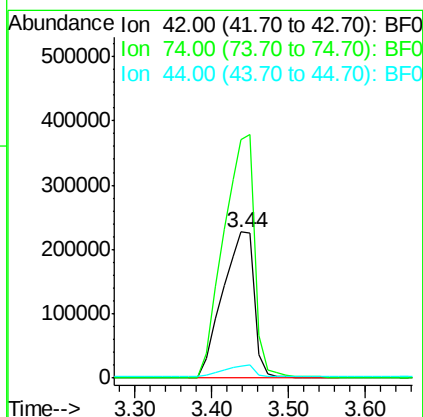
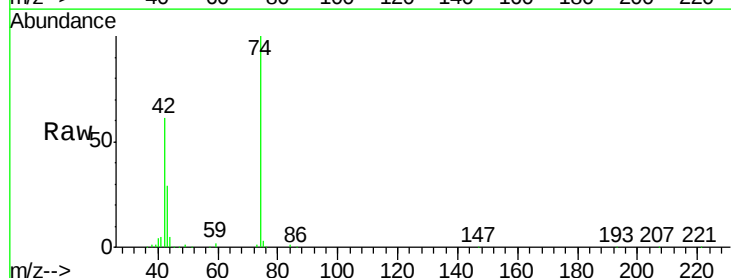
Delta R.T. 0.02 min

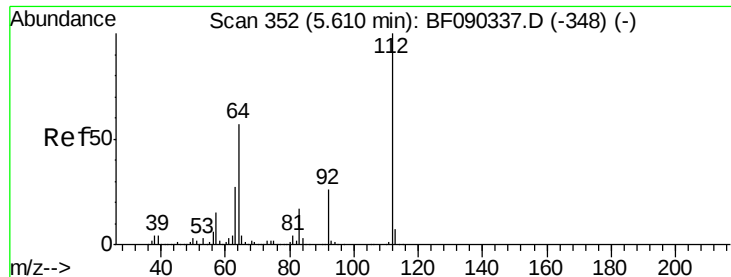
Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

Tgt Ion: 42 Resp: 660402

Ion	Ratio	Lower	Upper
42	100		
74	163.3	88.9	133.3#
44	8.4	6.5	9.7





#5

2-Fluorophenol

Concen: 147.77 ng

RT: 5.61 min Scan# 352

Delta R.T. 0.00 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

Instrument :

BNA_F

ClientSampleId :

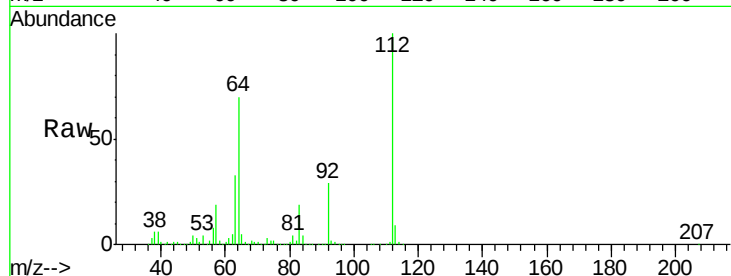
Tot Ion:112 Resp: 2471511

Ion Ratio Lower Upper

112 100

64 69.7 57.9 86.9

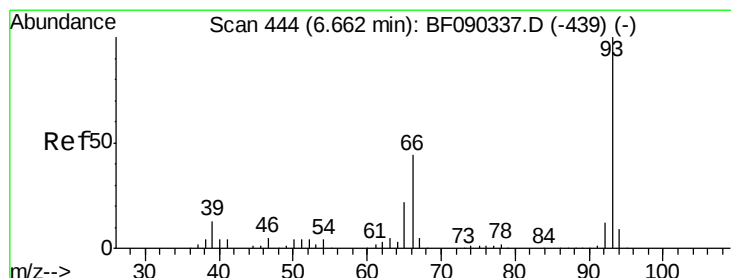
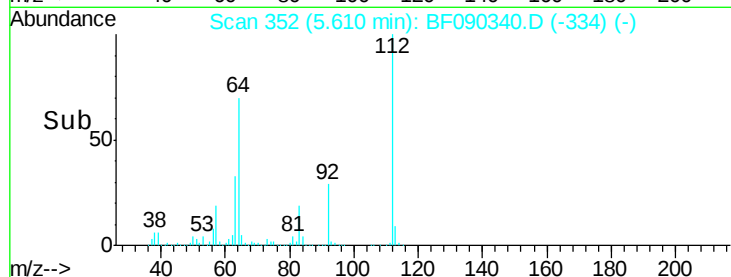
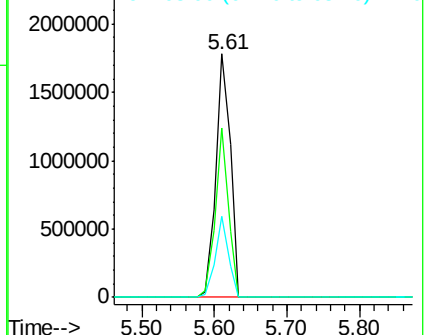
63 33.3 29.6 44.4



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: 85.72 ng

RT: 6.67 min Scan# 445

Delta R.T. 0.01 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

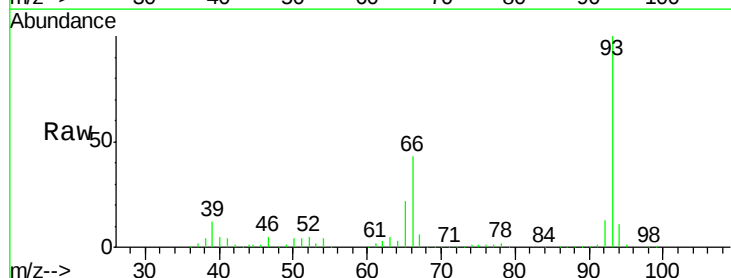
Tgt Ion: 93 Resp: 2207138

Ion Ratio Lower Upper

93 100

66 43.2 34.5 51.7

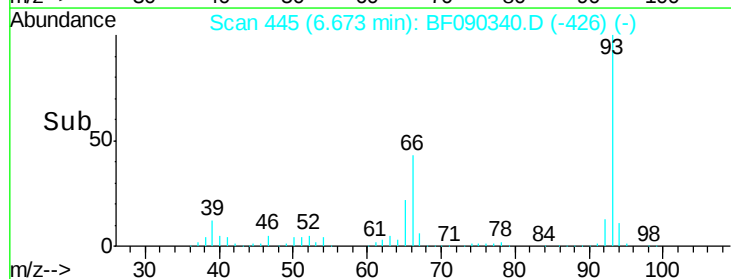
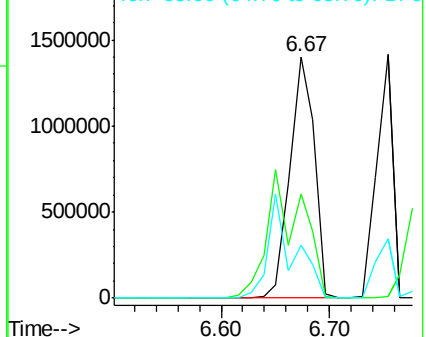
65 21.8 18.2 27.2

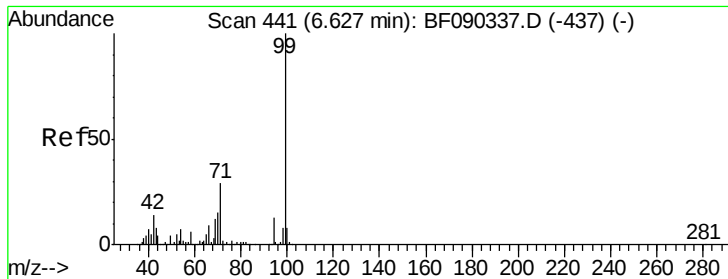


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 144.82 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.01 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

Instrument :

BNA_F

ClientSampleId :

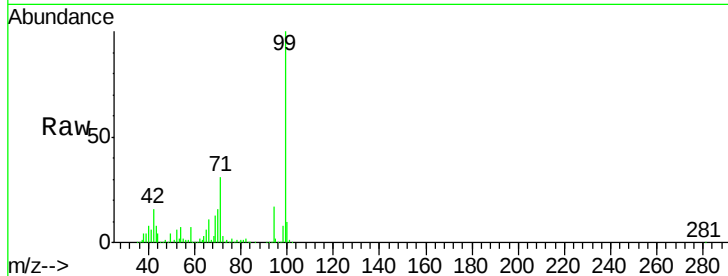
Tot Ion: 99 Resp: 2991341

Ion Ratio Lower Upper

99 100

42 15.6 20.0 30.0#

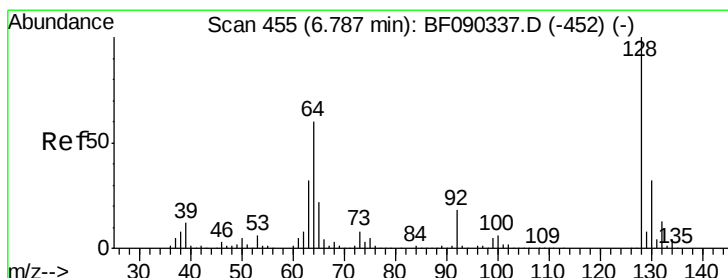
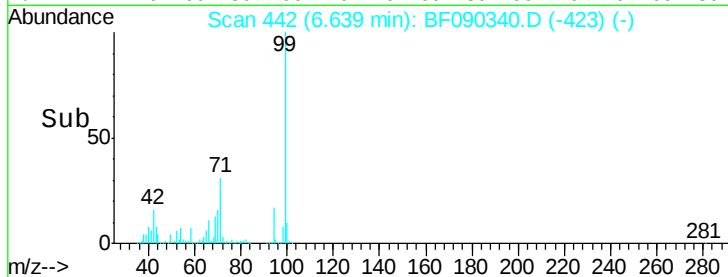
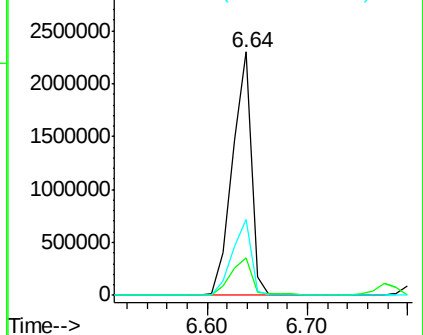
71 31.3 27.9 41.9



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 74.45 ng

RT: 6.80 min Scan# 456

Delta R.T. 0.01 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

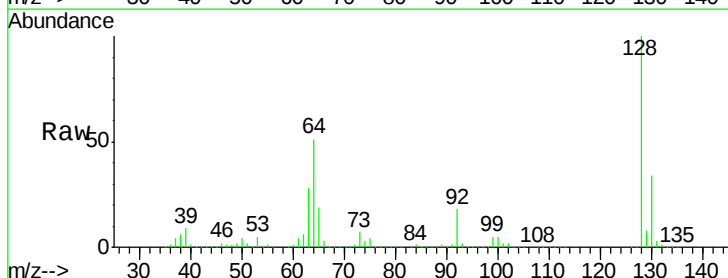
Tgt Ion: 128 Resp: 1432732

Ion Ratio Lower Upper

128 100

130 34.0 13.3 53.3

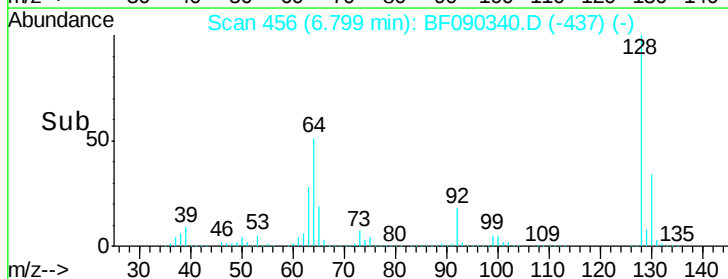
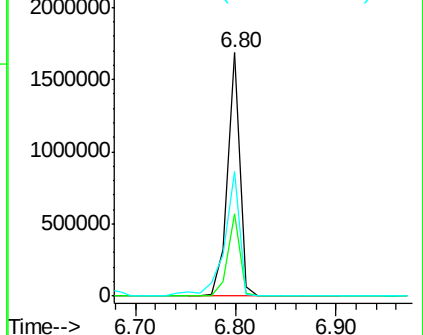
64 51.1 36.0 76.0

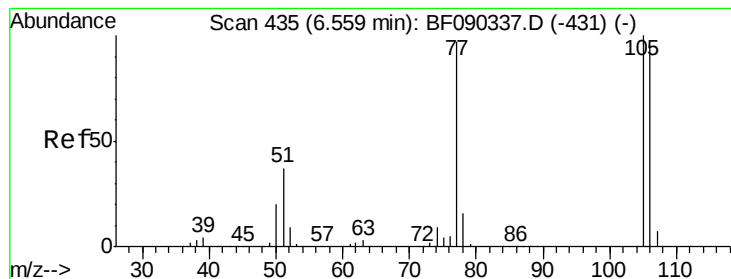


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 81.87 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

Instrument :

BNA_F

ClientSampled :

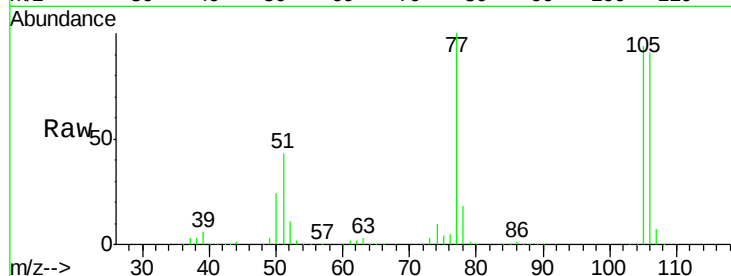
Tot Ion: 77 Resp: 736913

Ion Ratio Lower Upper

77 100

105 94.4 73.1 113.1

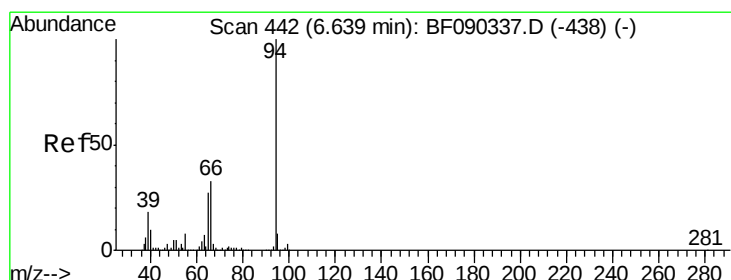
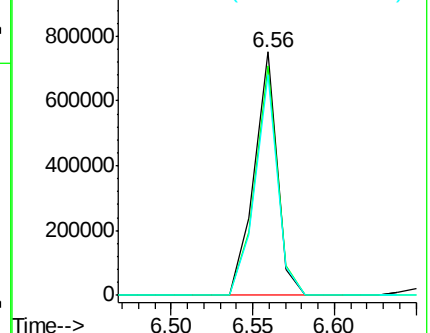
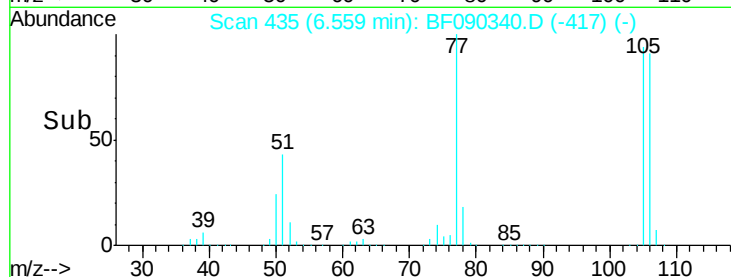
106 90.5 70.2 110.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 80.15 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.01 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

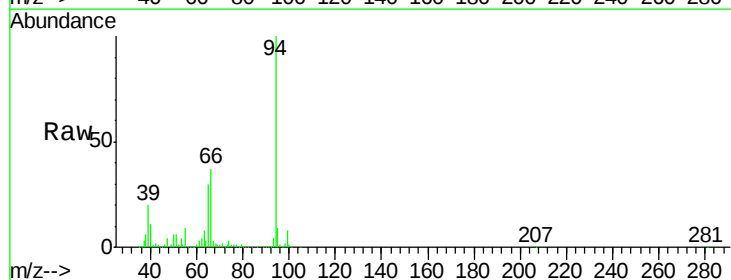
Tgt Ion: 94 Resp: 1957218

Ion Ratio Lower Upper

94 100

65 29.9 13.3 53.3

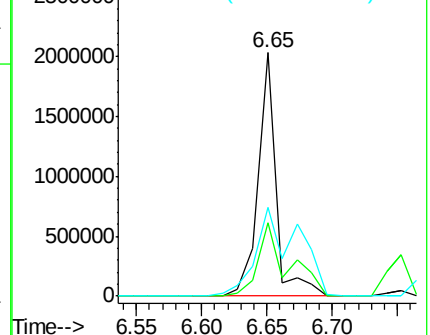
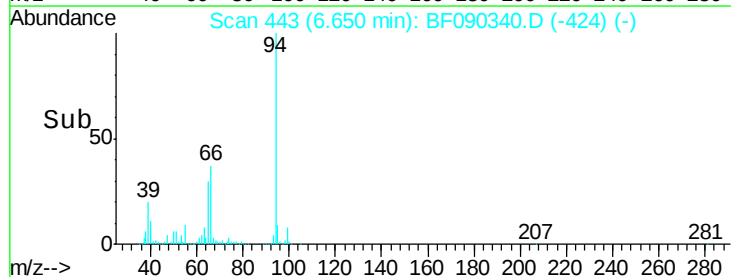
66 36.5 20.4 60.4

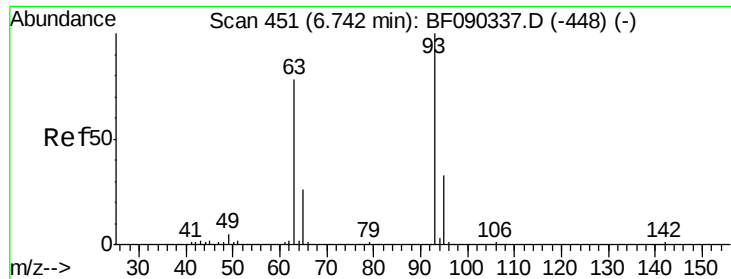


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 76.36 ng

RT: 6.75 min Scan# 452

Delta R.T. 0.01 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

Instrument :

BNA_F

ClientSampleId :

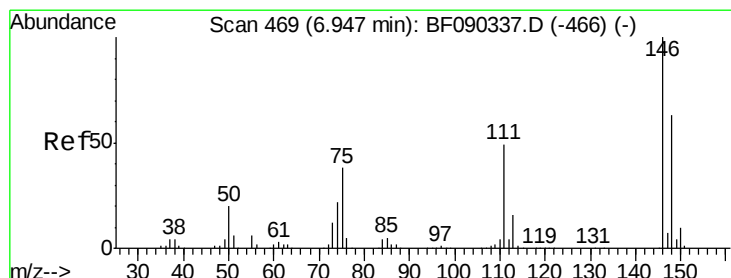
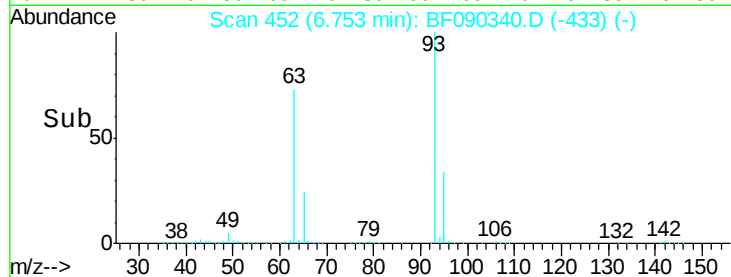
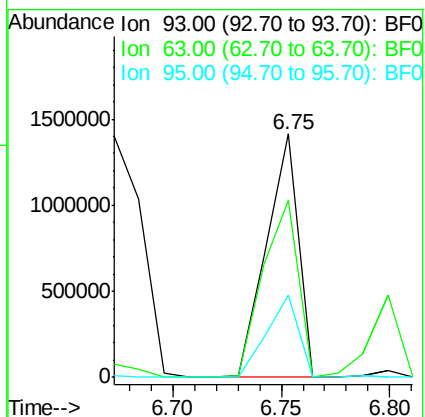
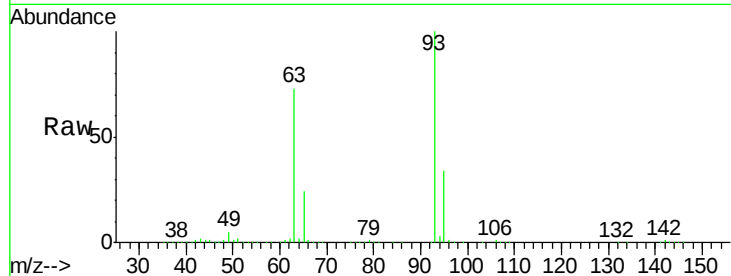
Tot Ion: 93 Resp: 1454011

Ion Ratio Lower Upper

93 100

63 73.0 59.7 99.7

95 33.8 14.0 54.0



#12

1,3-Dichlorobenzene

Concen: 76.67 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.01 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

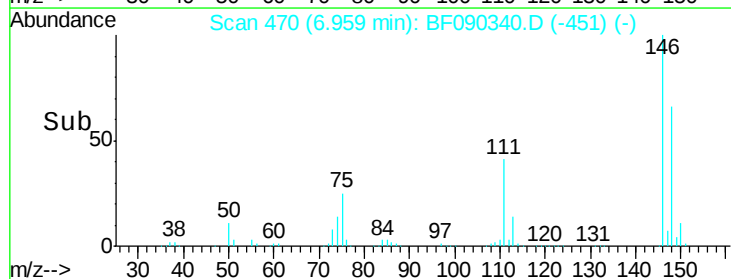
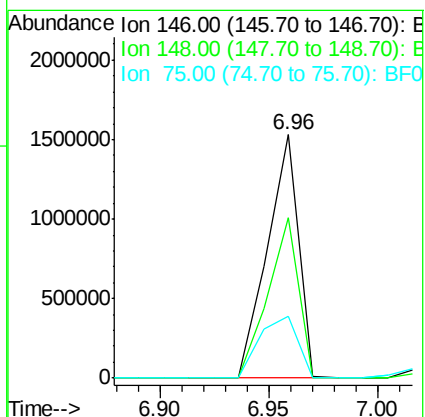
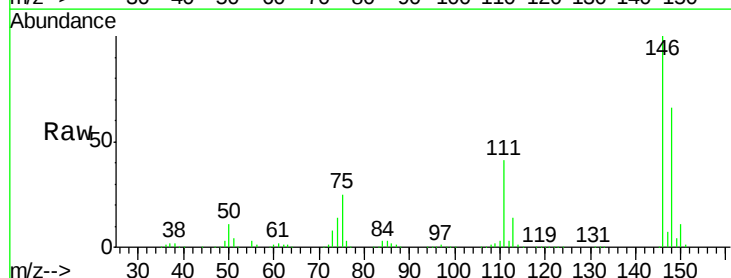
Tgt Ion: 146 Resp: 1541397

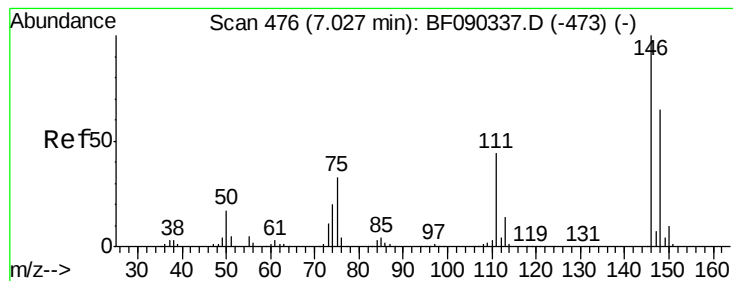
Ion Ratio Lower Upper

146 100

148 66.1 52.2 78.4

75 25.3 21.4 32.2





#13

1,4-Dichlorobenzene

Concen: 67.13 ng

RT: 7.03 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

Instrument :

BNA_F

ClientSampleId :

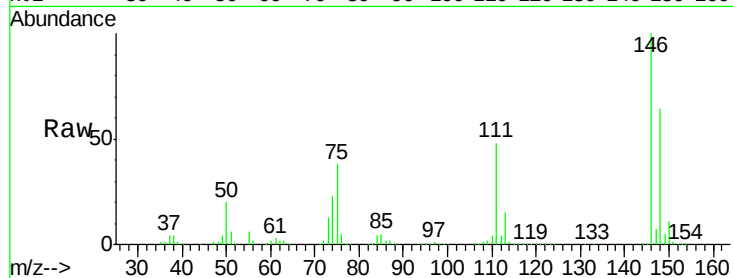
Tot Ion:146 Resp: 1378039

Ion Ratio Lower Upper

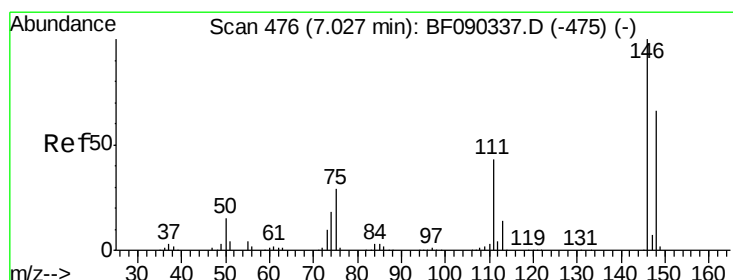
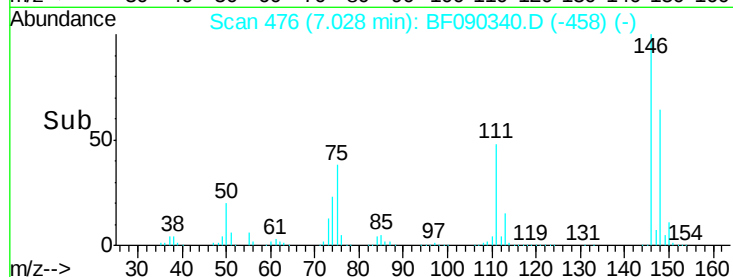
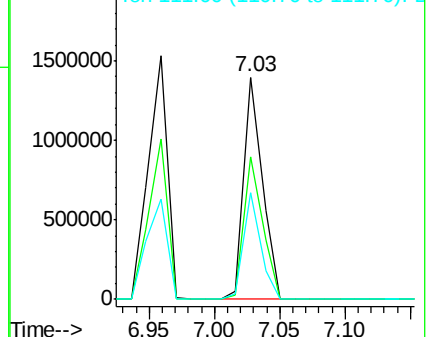
146 100

148 64.0 51.1 76.7

111 48.1 37.8 56.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 77.45 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

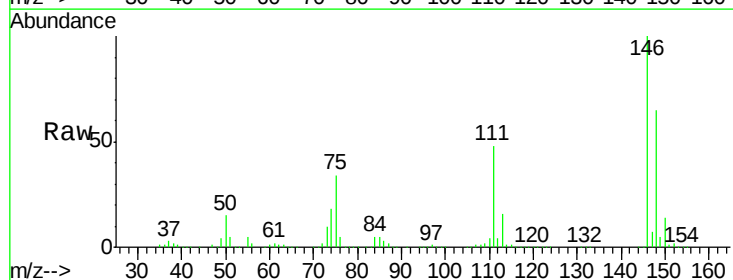
Tgt Ion:146 Resp: 1416274

Ion Ratio Lower Upper

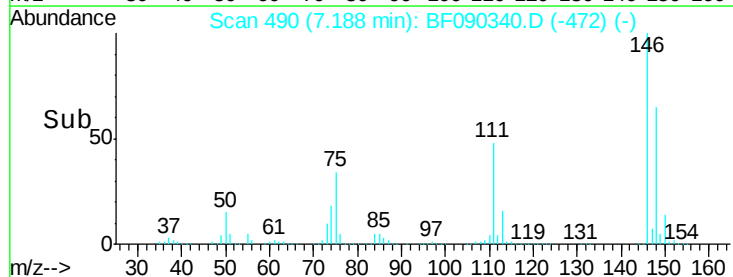
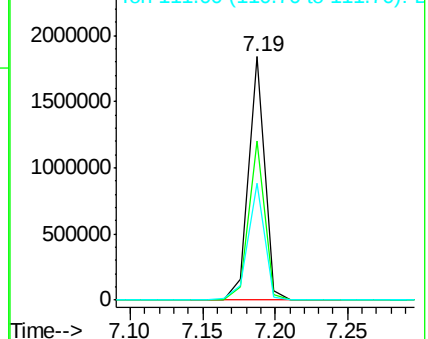
146 100

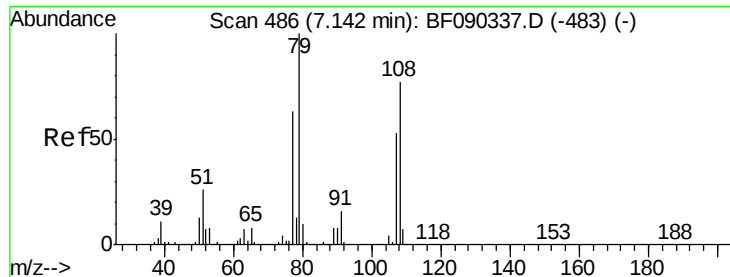
148 65.2 52.3 78.5

111 48.2 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 94.49 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.01 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

Instrument :

BNA_F

ClientSampled :

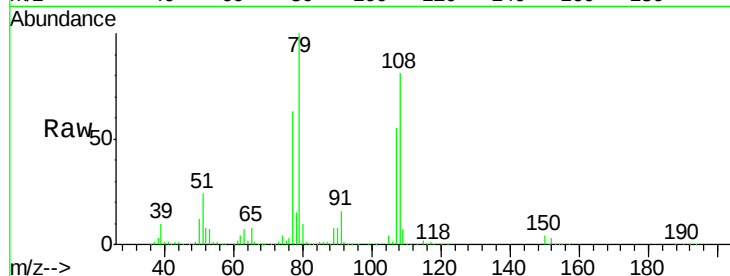
Tot Ion: 79 Resp: 1163845

Ion Ratio Lower Upper

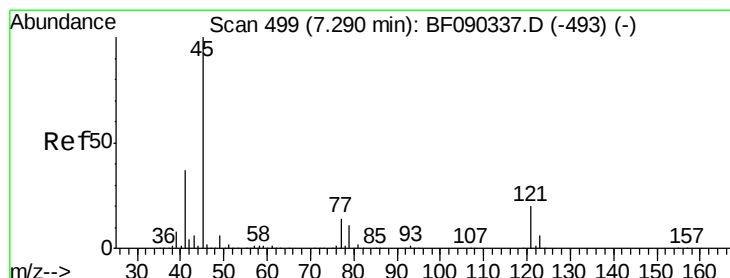
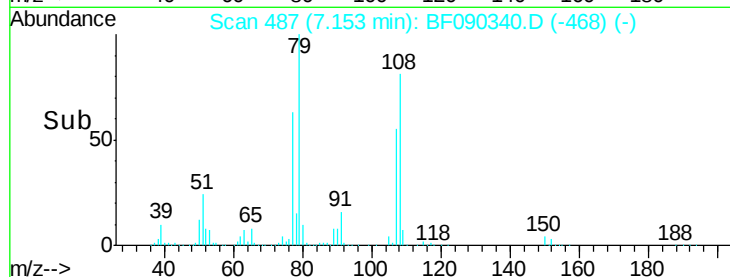
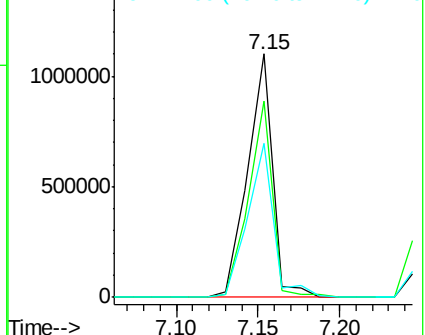
79 100

108 80.7 60.9 91.3

77 63.3 51.5 77.3



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 86.85 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

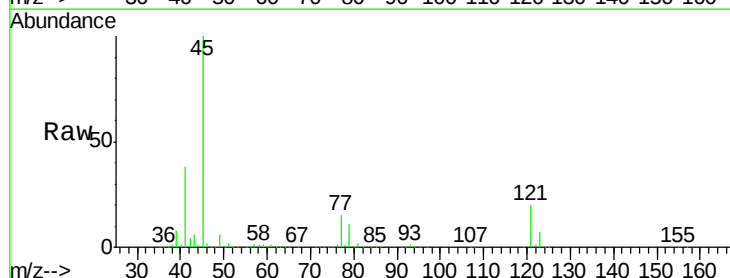
Tgt Ion: 45 Resp: 1976105

Ion Ratio Lower Upper

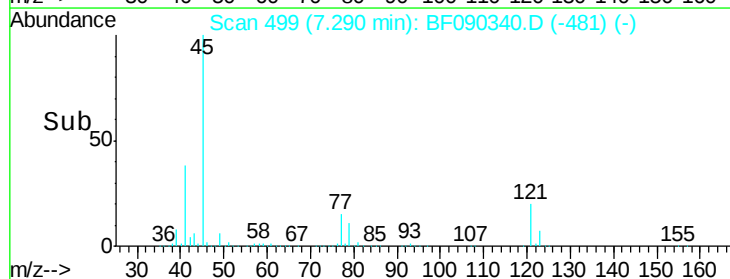
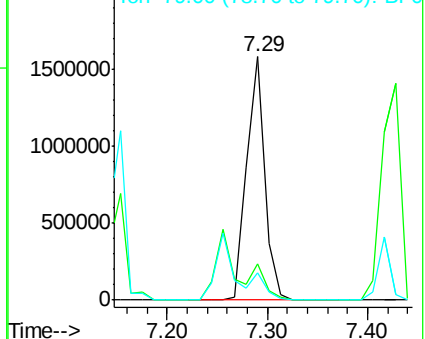
45 100

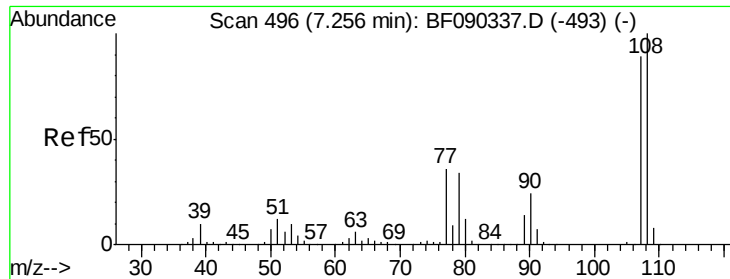
77 14.7 0.0 30.8

79 11.5 0.0 28.2



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

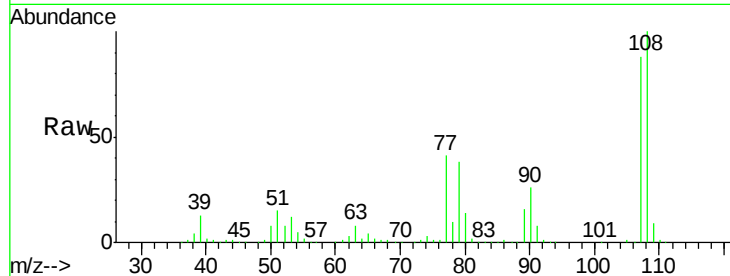




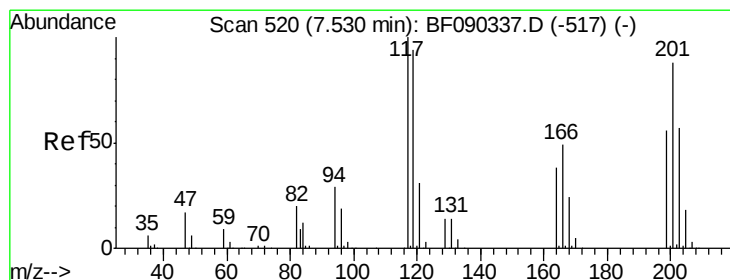
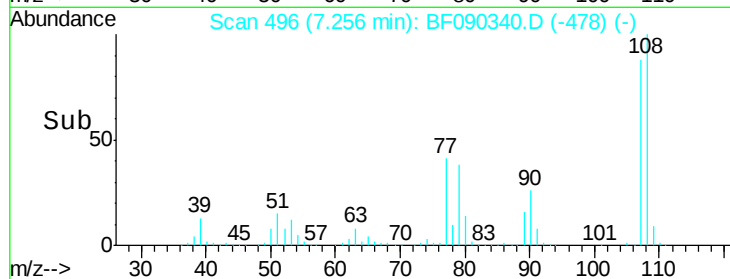
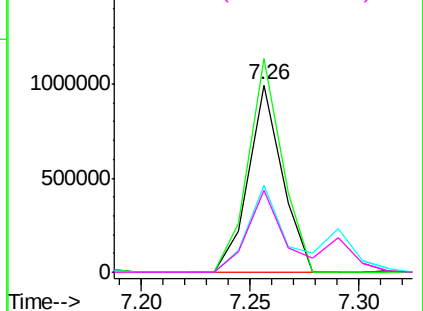
#17
2-Methylphenol
Concen: 71.83 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 1088878
Ion Ratio Lower Upper
107 100
108 113.9 90.9 136.3
77 46.3 38.2 57.4
79 43.5 37.0 55.4

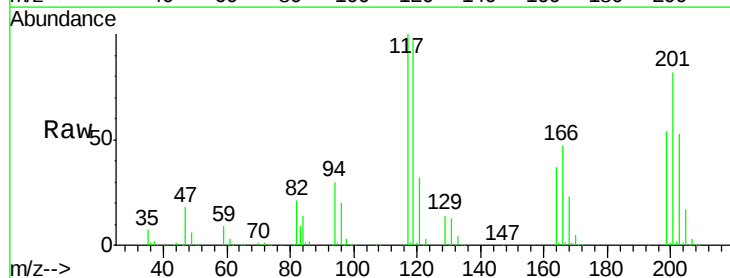


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

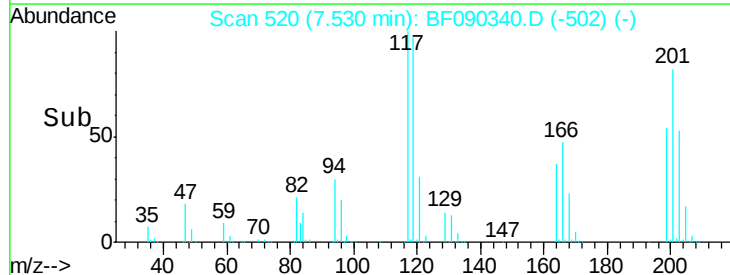
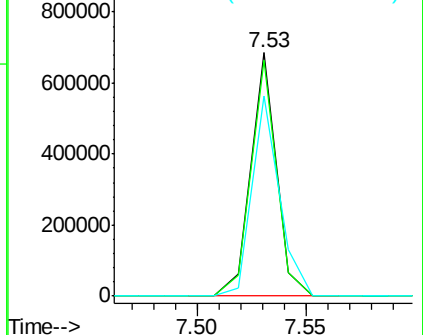


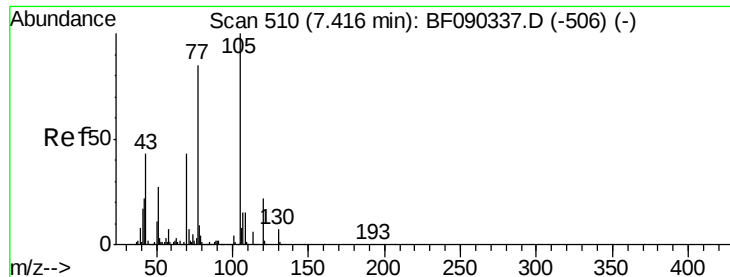
#18
Hexachloroethane
Concen: 76.27 ng
RT: 7.53 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

Tgt Ion:117 Resp: 558422
Ion Ratio Lower Upper
117 100
119 96.8 75.9 113.9
201 82.4 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

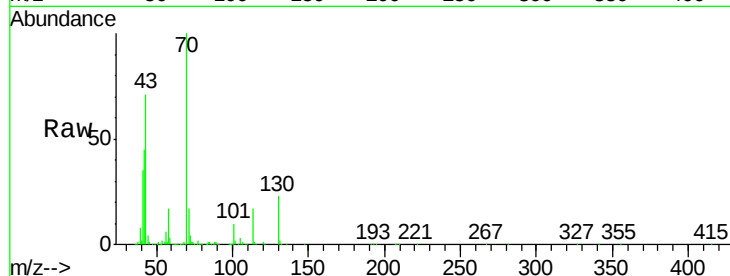




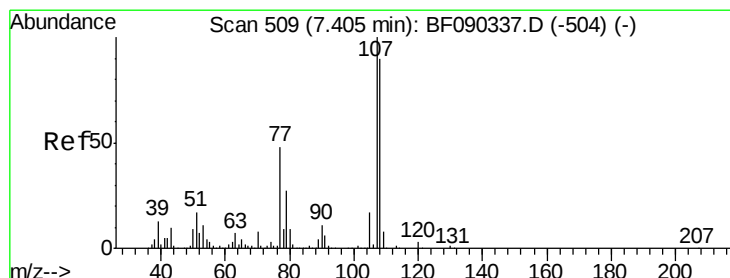
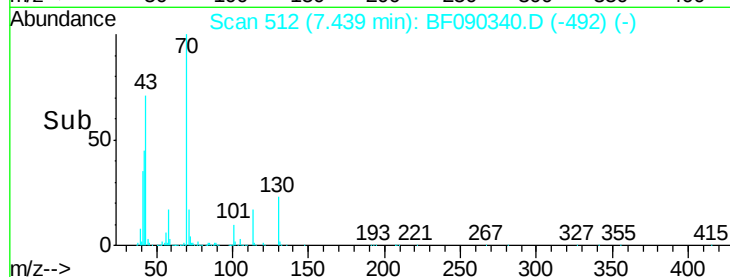
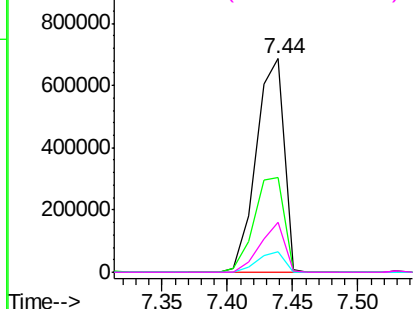
#19
n-Nitroso-di-n-propylamine
Concen: 84.48 ng
RT: 7.44 min Scan# 512
Delta R.T. 0.02 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 1025110
Ion Ratio Lower Upper
70 100
42 44.5 55.4 83.2#
101 9.8 7.6 11.4
130 23.3 16.5 24.7

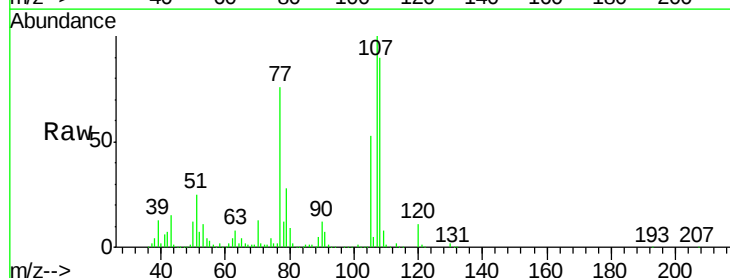


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

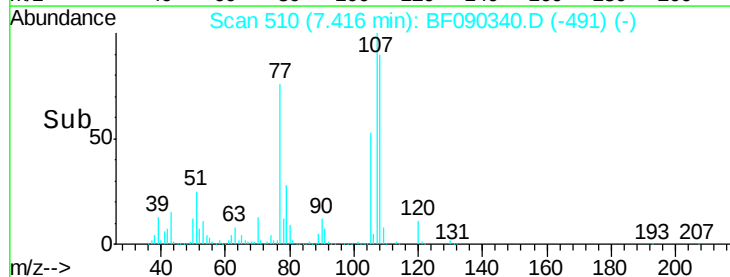
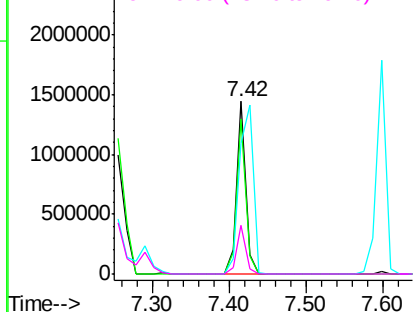


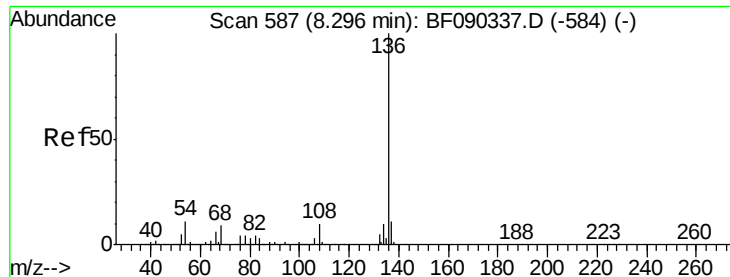
#20
3+4-Methylphenols
Concen: 68.61 ng
RT: 7.42 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

Tgt Ion: 107 Resp: 1248596
Ion Ratio Lower Upper
107 100
108 90.0 66.7 106.7
77 75.6 53.7 93.7
79 28.2 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: 8.30 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

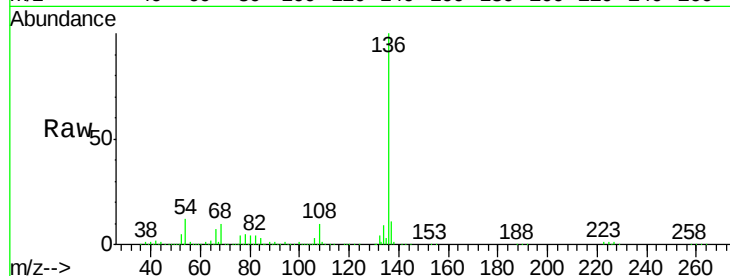
Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1014437

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	11.7	6.6	10.0#
68	9.9	5.0	7.6#

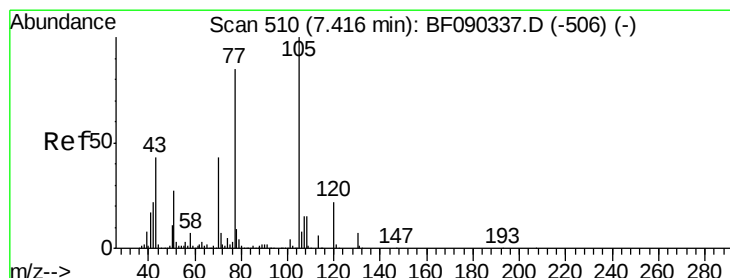
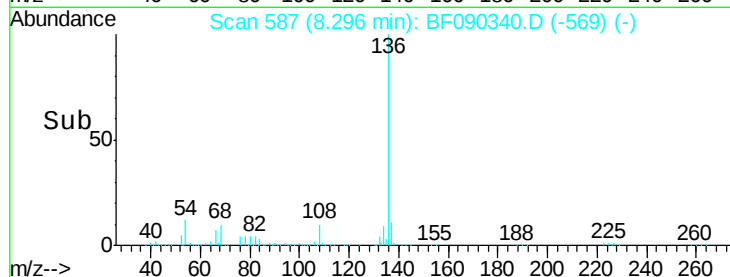


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 74.68 ng

RT: 7.43 min Scan# 511

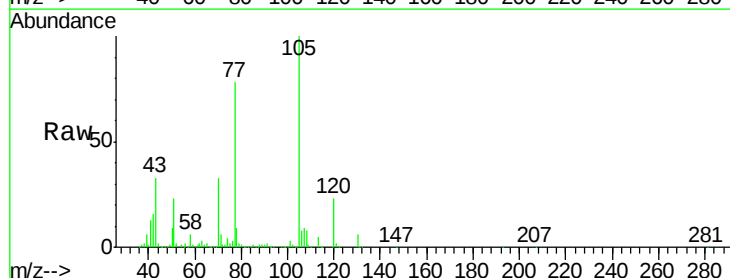
Delta R.T. 0.01 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

Tgt Ion:105 Resp: 1826941

Ion	Ratio	Lower	Upper
105	100		
71	5.8	3.8	5.6#
51	22.7	28.2	42.4#
120	23.1	17.4	26.2

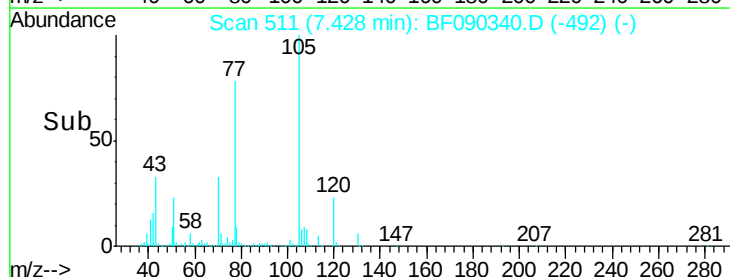


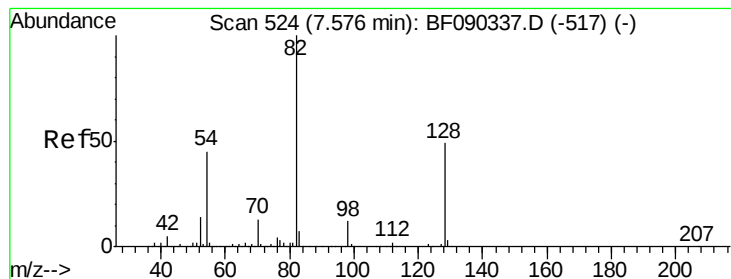
Abundance Ion 105.00 (104.70 to 105.70): E

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





#23

Nitrobenzene-d5

Concen: 160.51 ng

RT: 7.58 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

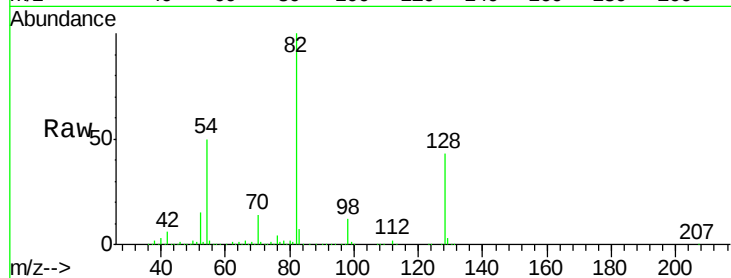
Instrument :

BNA_F

ClientSampled :

Tot Ion: 82 Resp: 2808925

Ion	Ratio	Lower	Upper
82	100		
128	42.7	40.0	60.0
54	49.6	42.6	64.0

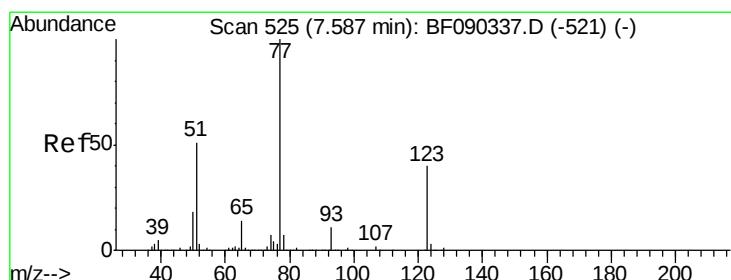
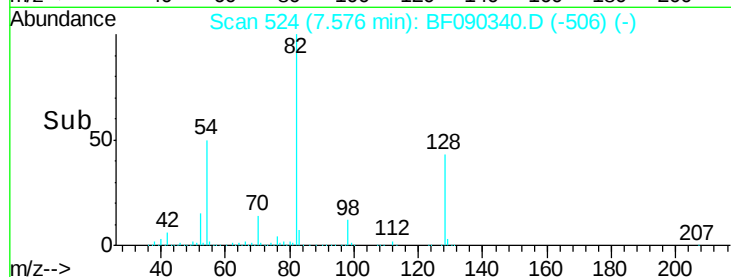
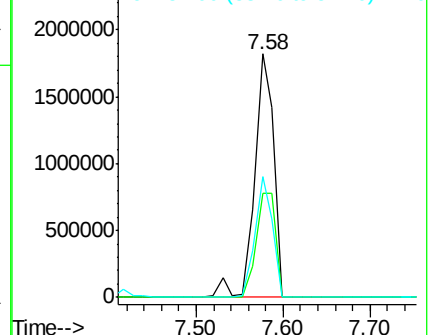


Abundance

Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 80.84 ng

RT: 7.60 min Scan# 526

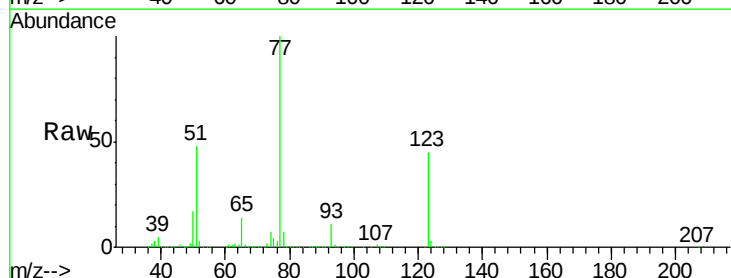
Delta R.T. 0.01 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

Tgt Ion: 77 Resp: 1473960

Ion	Ratio	Lower	Upper
77	100		
123	45.1	33.0	49.4
65	14.0	12.0	18.0

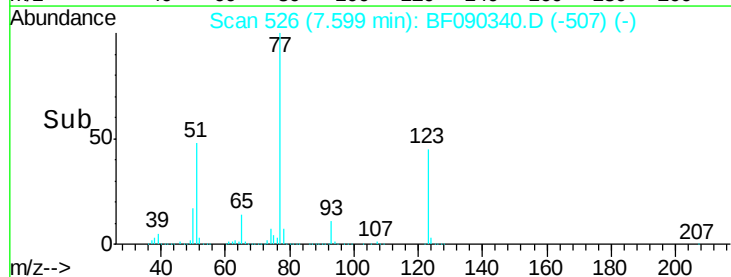
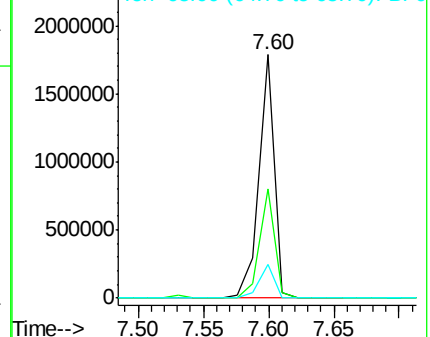


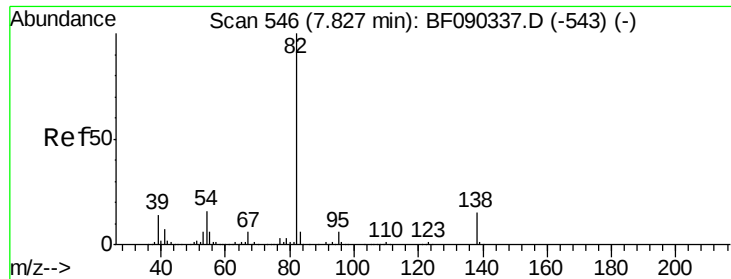
Abundance

Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 68.17 ng

RT: 7.84 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

Instrument :

BNA_F

ClientSampleId :

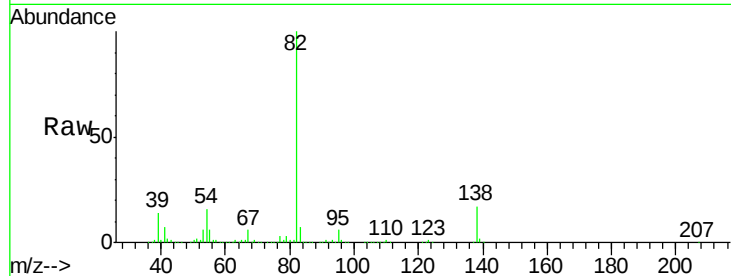
Tot Ion: 82 Resp: 2492448

Ion Ratio Lower Upper

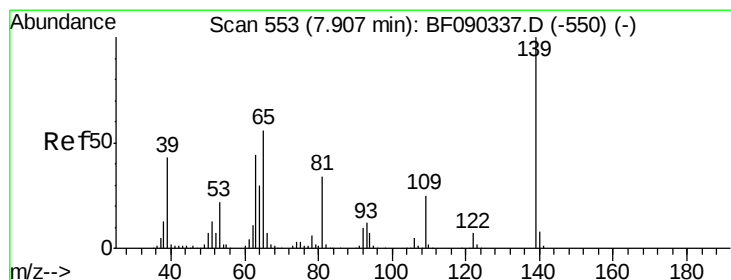
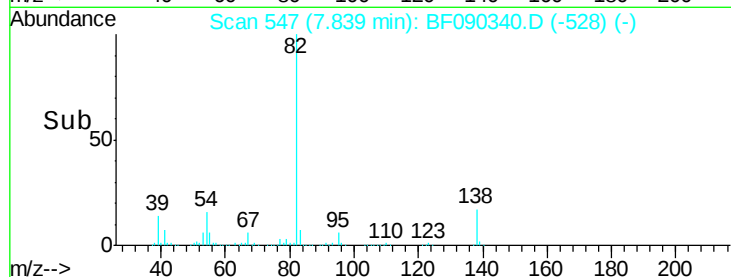
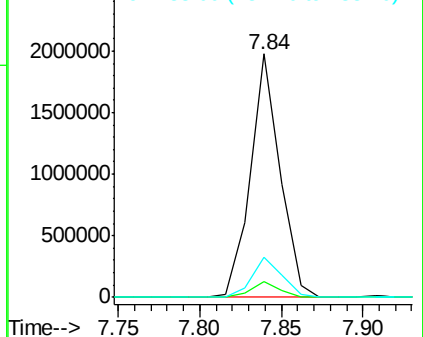
82 100

95 6.4 5.2 7.8

138 16.6 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



#26

2-Nitrophenol

Concen: 71.06 ng

RT: 7.92 min Scan# 554

Delta R.T. 0.01 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

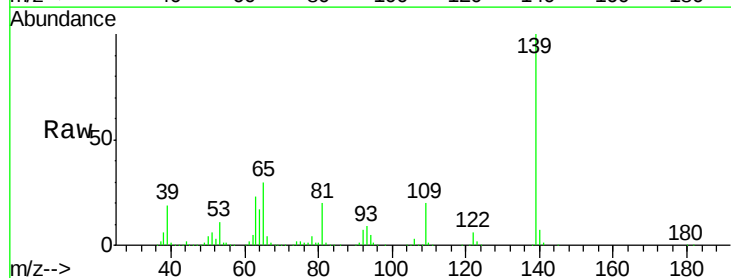
Tgt Ion: 139 Resp: 638024

Ion Ratio Lower Upper

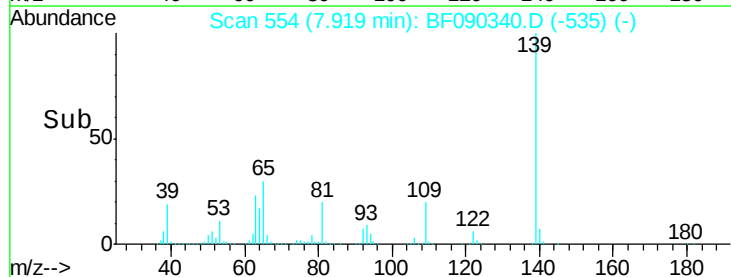
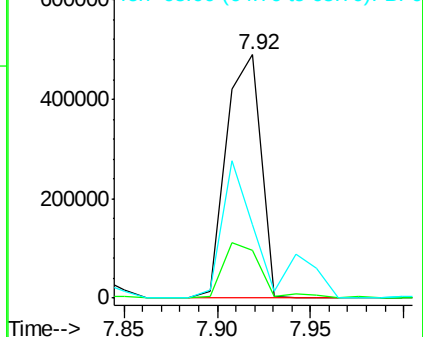
139 100

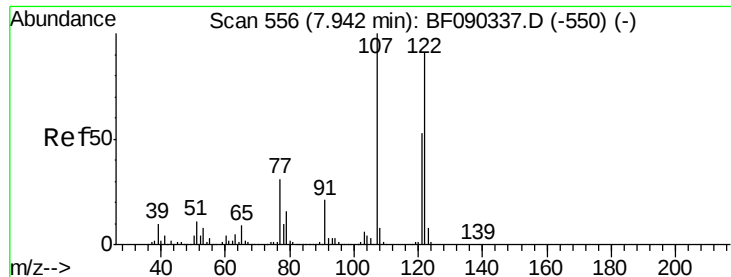
109 19.7 18.9 28.3

65 30.2 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





#27

2,4-Dimethylphenol

Concen: 78.45 ng

RT: 7.95 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

Instrument :

BNA_F

ClientSampleId :

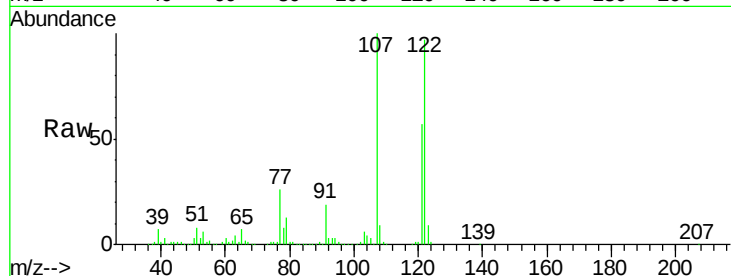
Tot Ion:122 Resp: 1251507

Ion Ratio Lower Upper

122 100

107 103.2 88.6 132.8

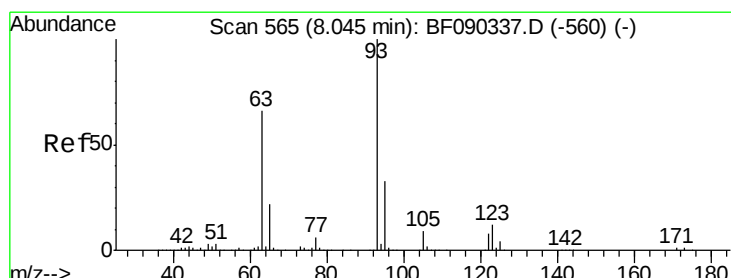
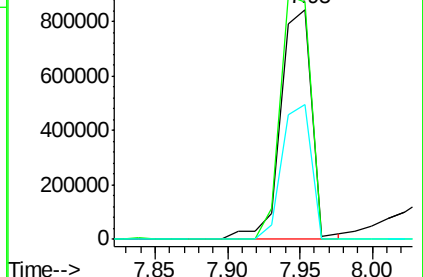
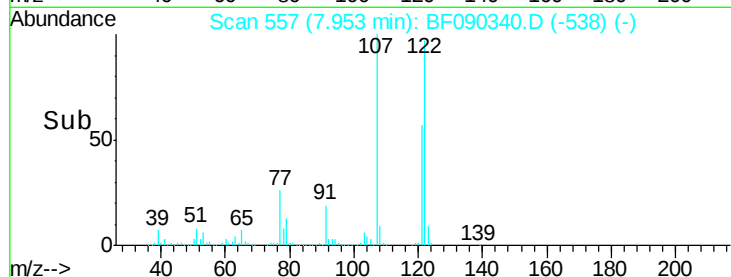
121 58.7 47.5 71.3



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: 64.71 ng

RT: 8.04 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

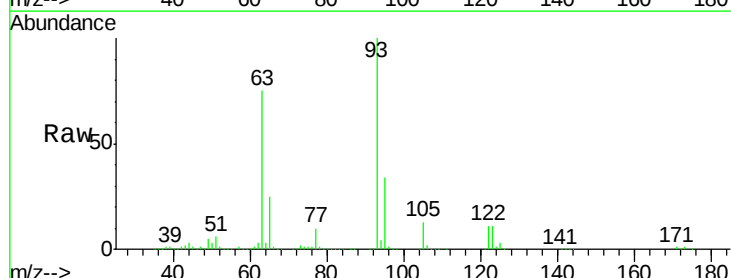
Tgt Ion: 93 Resp: 1431161

Ion Ratio Lower Upper

93 100

95 33.6 27.0 40.4

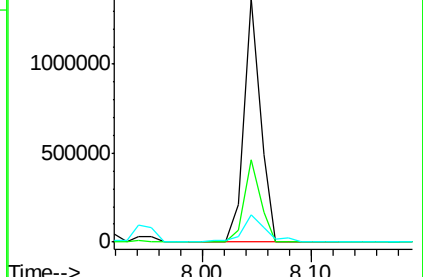
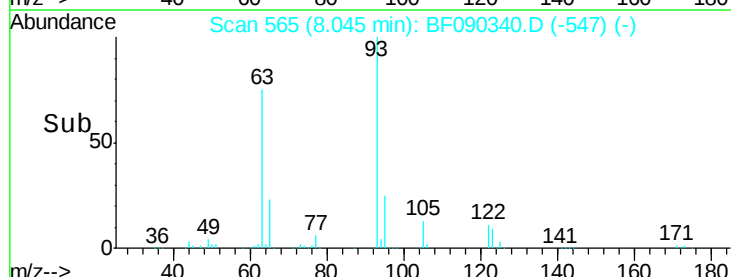
123 11.2 11.1 16.7

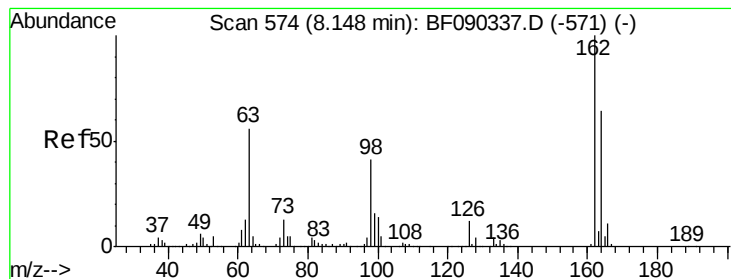


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 73.69 ng

RT: 8.16 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

Instrument :

BNA_F

ClientSampled :

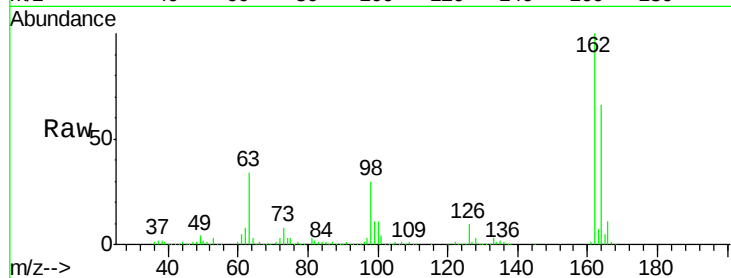
Tot Ion:162 Resp: 1031087

Ion Ratio Lower Upper

162 100

164 66.1 45.7 85.7

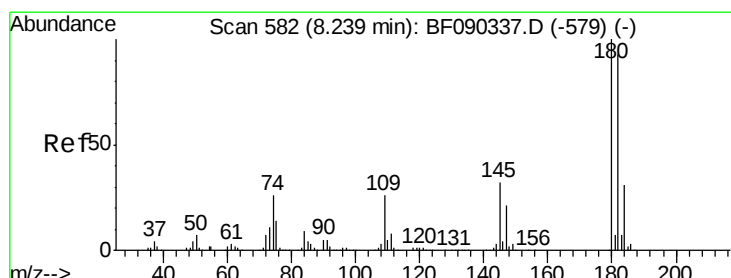
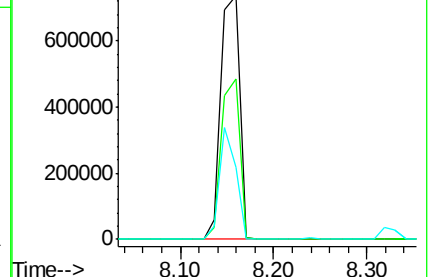
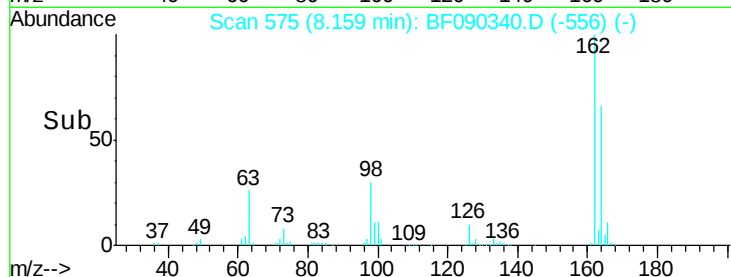
98 29.7 13.3 53.3



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: 75.74 ng

RT: 8.24 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

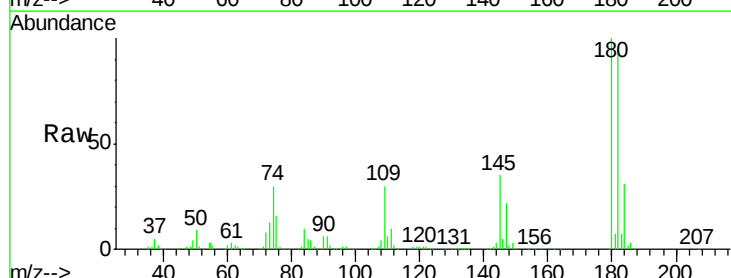
Tgt Ion:180 Resp: 1058514

Ion Ratio Lower Upper

180 100

182 94.7 75.3 112.9

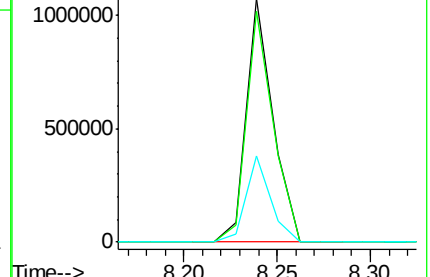
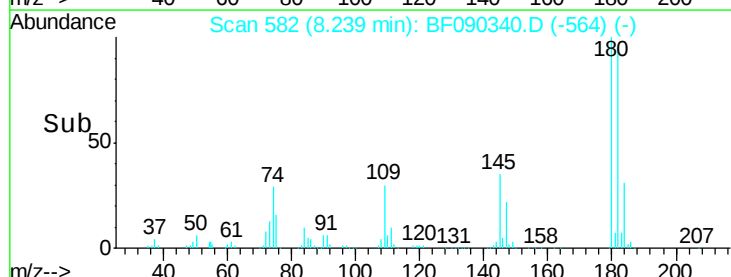
145 35.4 27.7 41.5

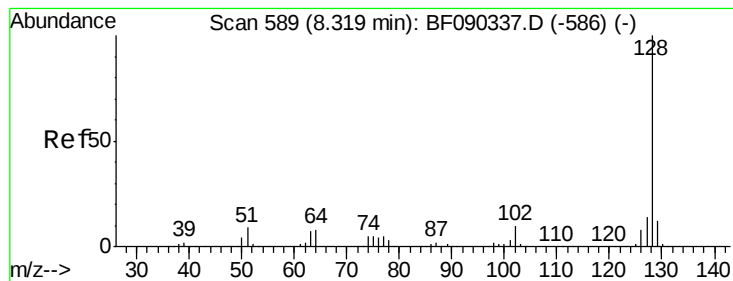


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 70.78 ng

RT: 8.33 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

Instrument :

BNA_F

ClientSampleId :

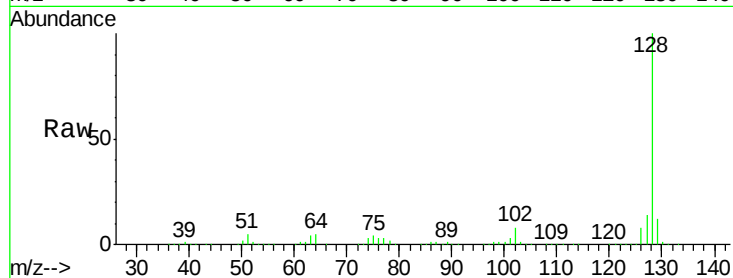
Tot Ion:128 Resp: 3419127

Ion Ratio Lower Upper

128 100

129 11.5 9.7 14.5

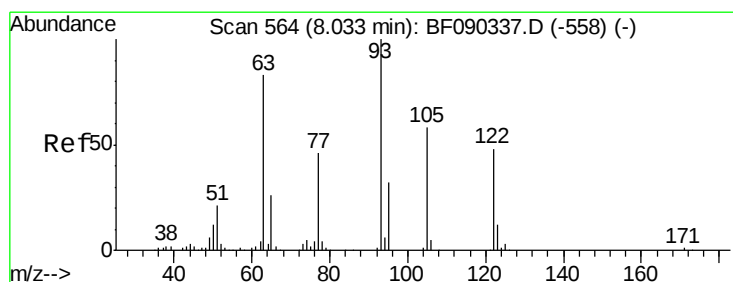
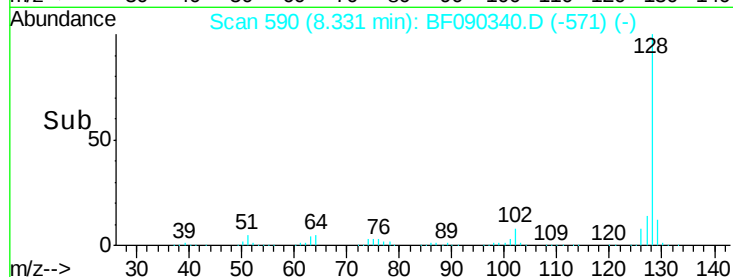
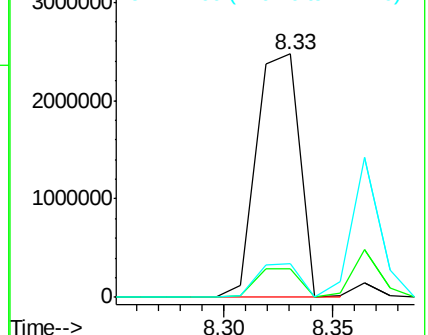
127 14.1 11.7 17.5



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: 79.21 ng

RT: 8.08 min Scan# 568

Delta R.T. 0.05 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

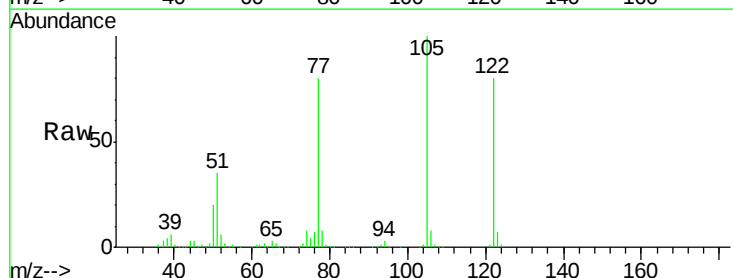
Tgt Ion:122 Resp: 867457

Ion Ratio Lower Upper

122 100

105 124.5 103.9 143.9

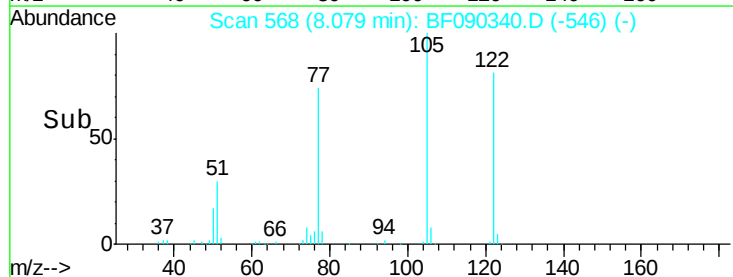
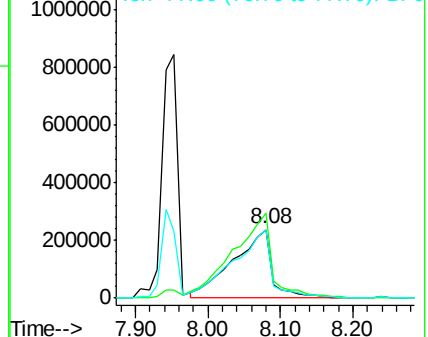
77 99.9 74.6 114.6

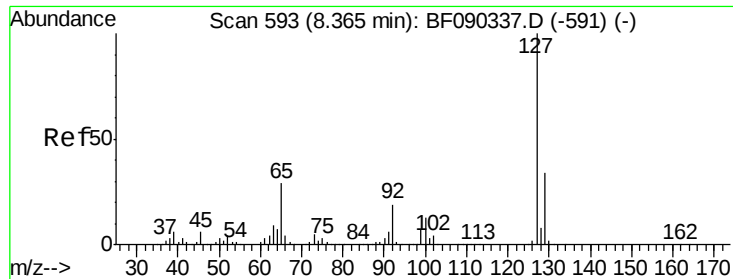


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

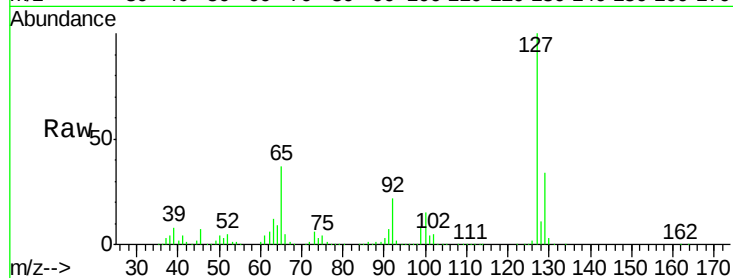




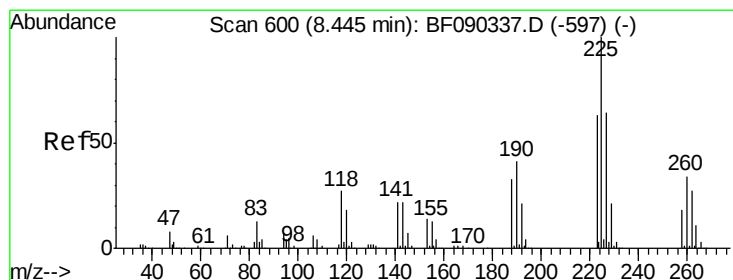
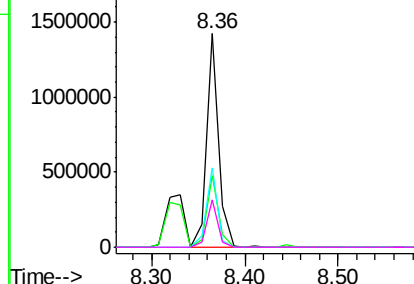
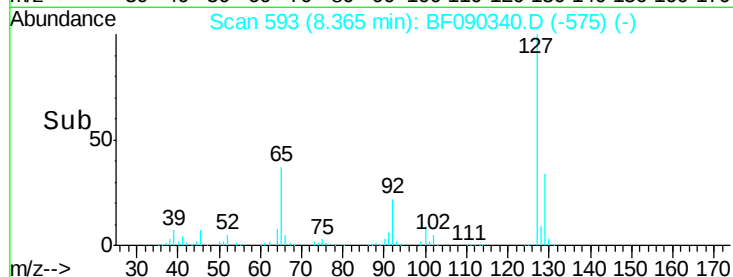
#33
4-Chloroaniline
Concen: 64.04 ng
RT: 8.36 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1283118
Ion Ratio Lower Upper
127 100
129 33.7 26.2 39.4
65 36.9 32.5 48.7
92 22.3 17.2 25.8

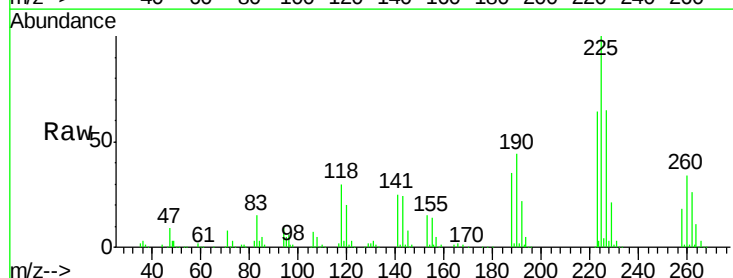


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

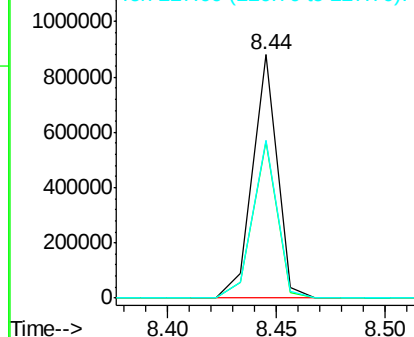
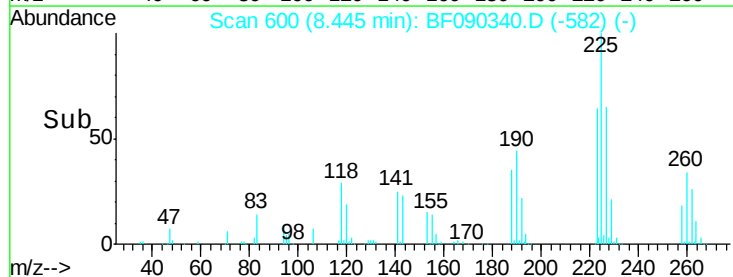


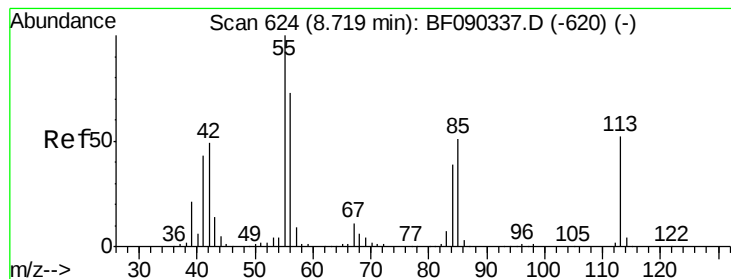
#34
Hexachlorobutadiene
Concen: 93.74 ng
RT: 8.44 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

Tgt Ion:225 Resp: 691133
Ion Ratio Lower Upper
225 100
223 64.1 51.0 76.4
227 64.7 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: 56.64 ng

RT: 8.74 min Scan# 626

Delta R.T. 0.02 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

Instrument :

BNA_F

ClientSampleId :

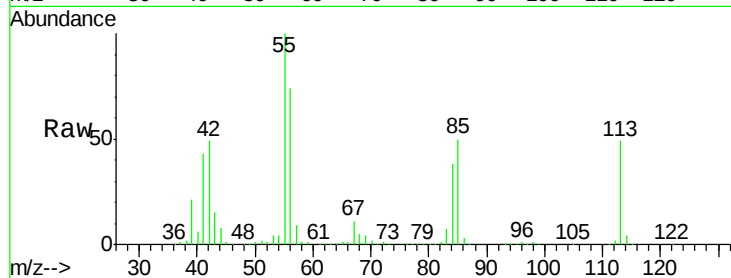
Tot Ion:113 Resp: 262317

Ion Ratio Lower Upper

113 100

55 205.2 203.3 243.3

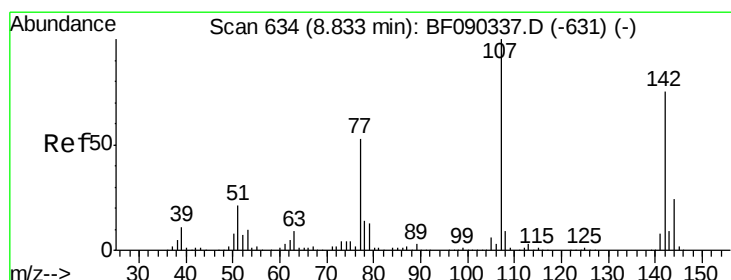
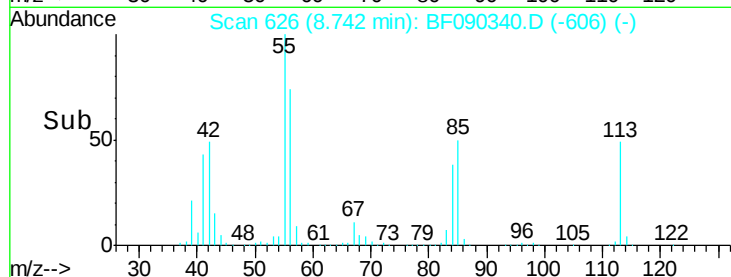
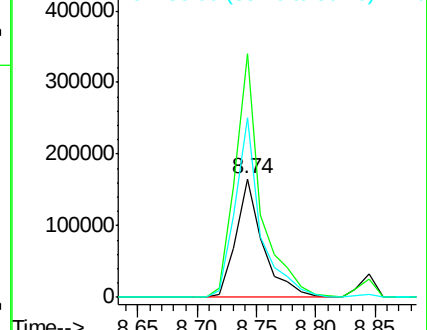
56 151.4 140.5 180.5



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: 73.03 ng

RT: 8.84 min Scan# 635

Delta R.T. 0.01 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

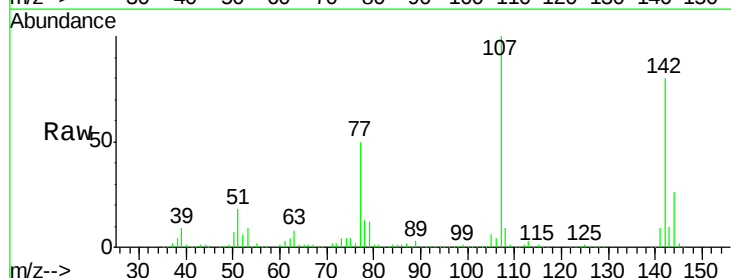
Tgt Ion:107 Resp: 1154941

Ion Ratio Lower Upper

107 100

144 26.5 19.8 29.8

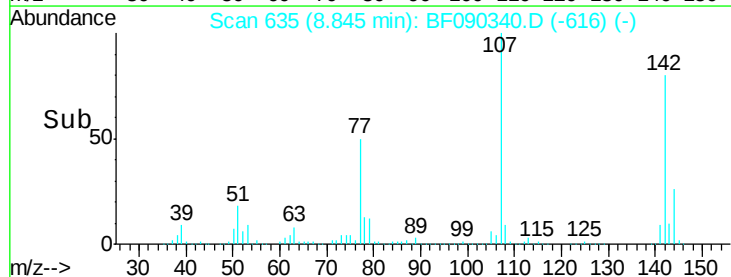
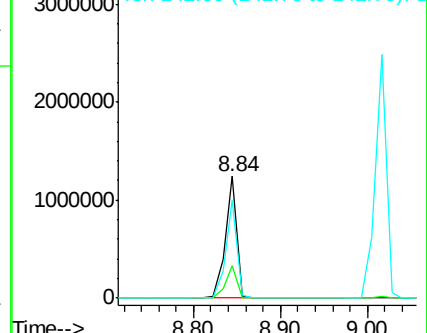
142 80.0 60.7 91.1

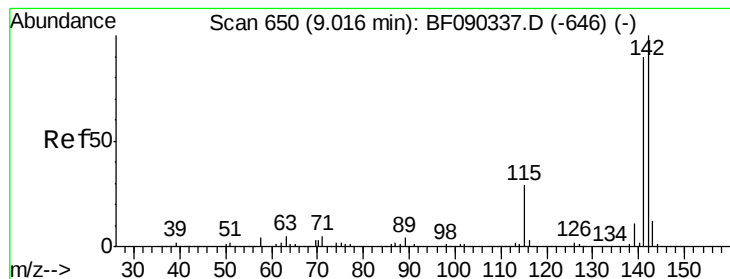


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

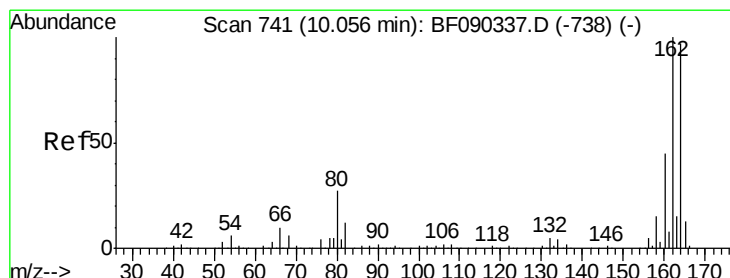
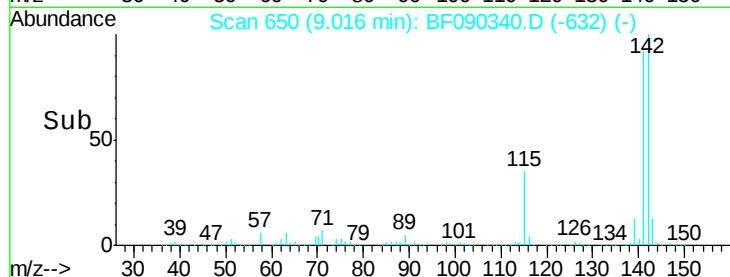
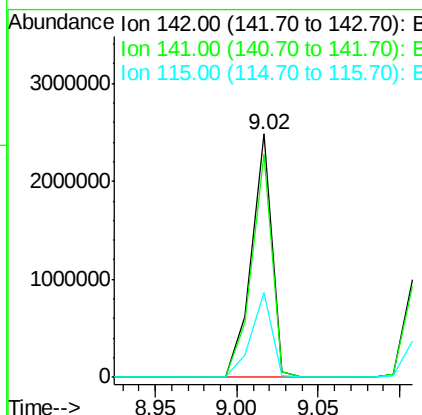
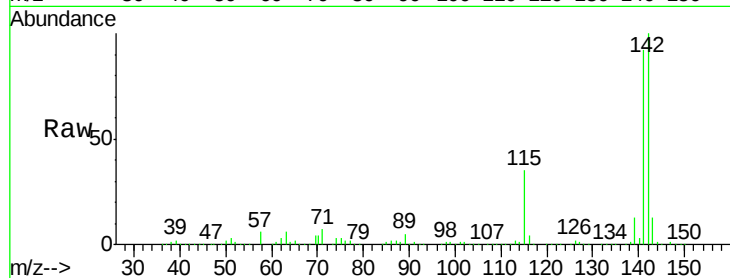




#37
2-Methylnaphthalene
Concen: 72.33 ng
RT: 9.02 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

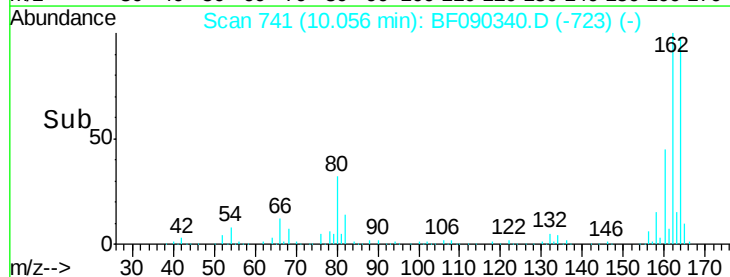
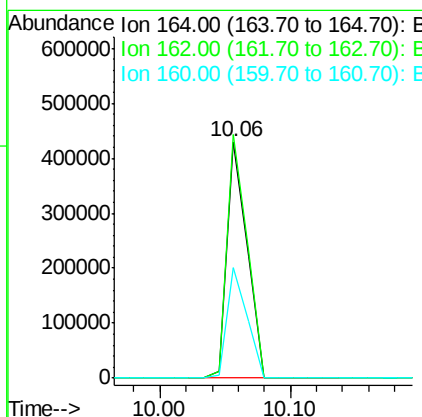
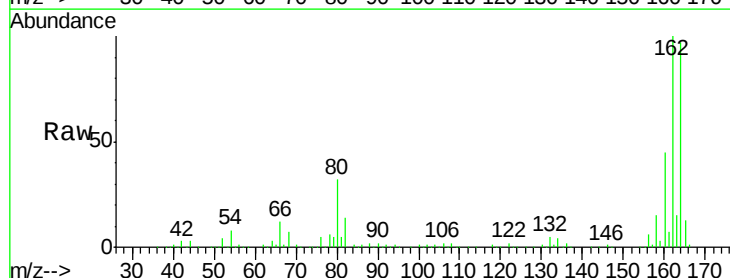
Instrument :
BNA_F
ClientSampleId :

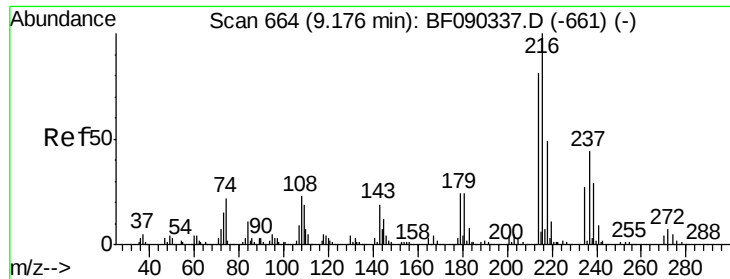
Tot Ion:142 Resp: 2172805
Ion Ratio Lower Upper
142 100
141 91.7 71.8 107.8
115 35.0 28.8 43.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.06 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

Tgt Ion:164 Resp: 458533
Ion Ratio Lower Upper
164 100
162 102.9 80.1 120.1
160 46.8 36.3 54.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 99.83 ng

RT: 9.19 min Scan# 665

Delta R.T. 0.01 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 1050698

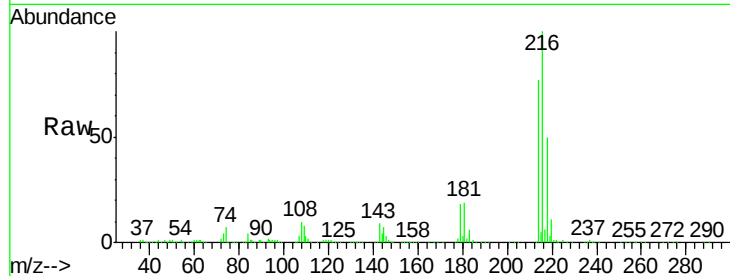
Ion Ratio Lower Upper

216 100

214 79.2 64.2 96.2

179 21.7 18.0 27.0

108 18.5 15.2 22.8

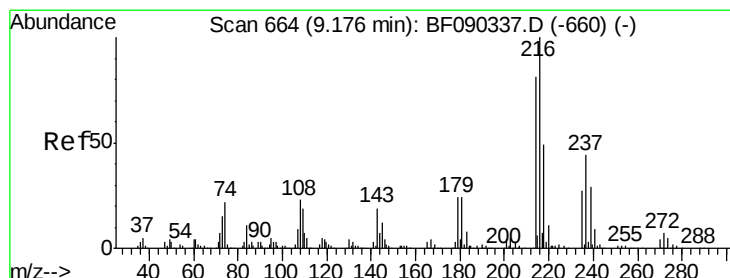
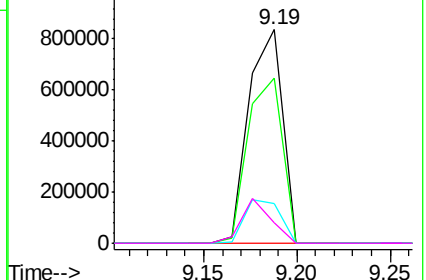
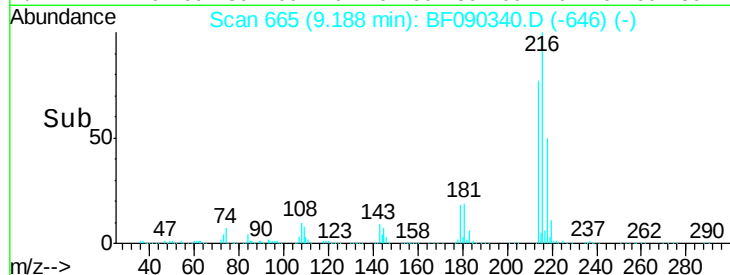


Abundance Ion 216.00 (215.70 to 216.70): E

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: 132.67 ng

RT: 9.18 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

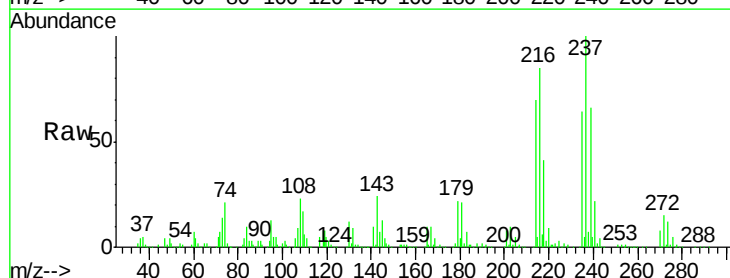
Tgt Ion:237 Resp: 689011

Ion Ratio Lower Upper

237 100

235 64.0 43.6 83.6

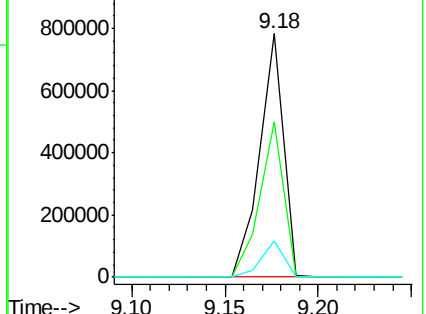
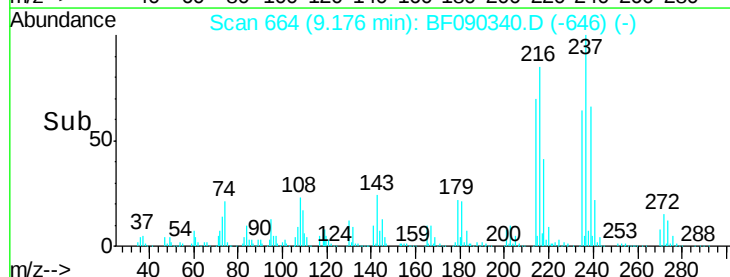
272 15.1 0.0 32.7

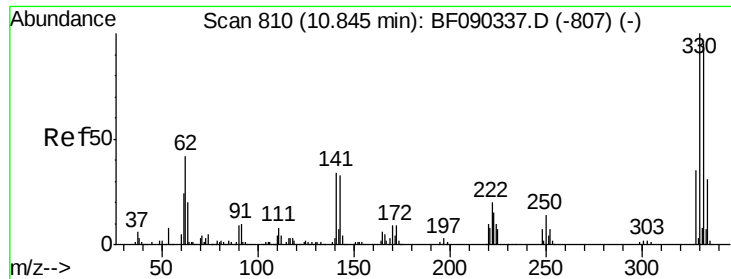


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

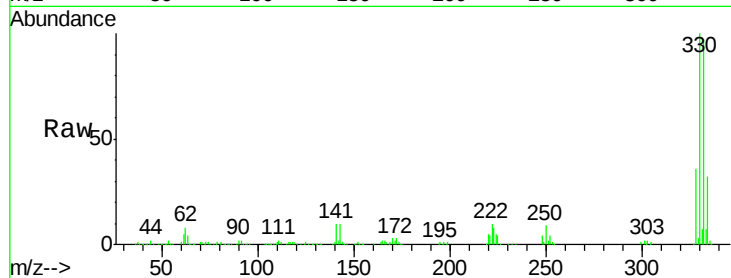




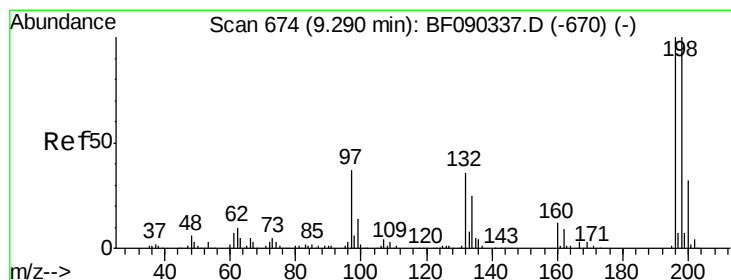
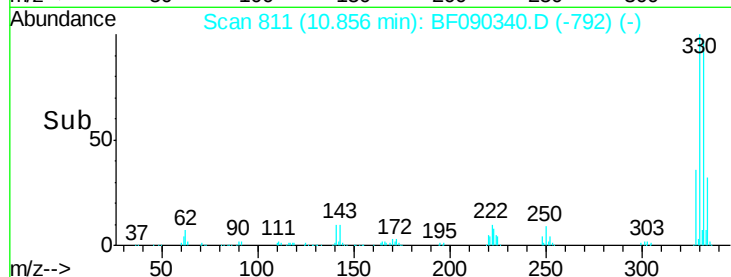
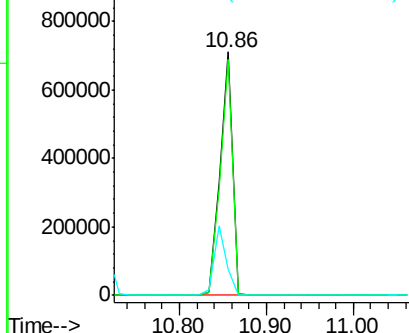
#41
 2,4,6-Tribromophenol
 Concen: 185.06 ng
 RT: 10.86 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: BF090340.D
 Acq: 4 Oct 2016 13:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 728004
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.4 113.0
 141 28.1 26.9 40.3

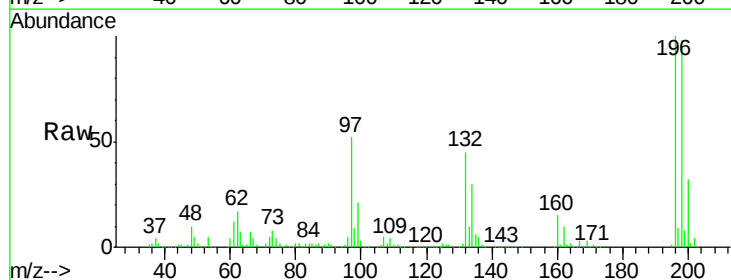


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

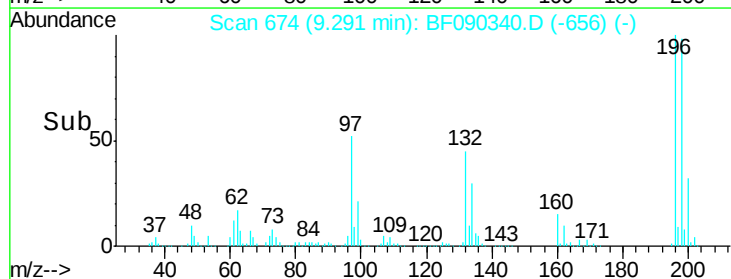
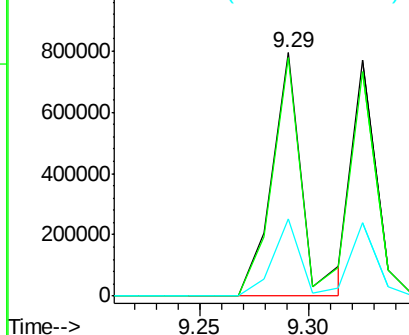


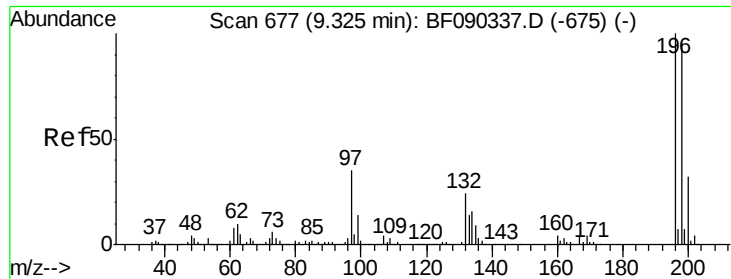
#42
 2,4,6-Trichlorophenol
 Concen: 103.38 ng
 RT: 9.29 min Scan# 674
 Delta R.T. 0.00 min
 Lab File: BF090340.D
 Acq: 4 Oct 2016 13:23

Tgt Ion:196 Resp: 775361
 Ion Ratio Lower Upper
 196 100
 198 97.9 78.9 118.3
 200 31.9 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

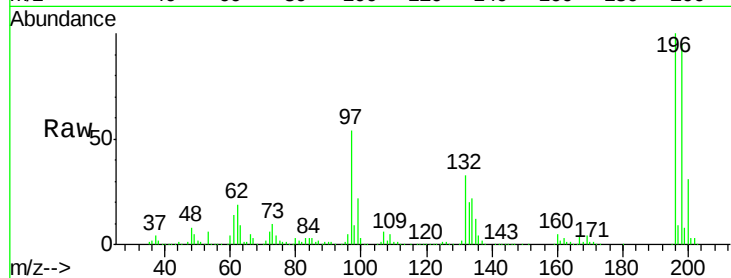




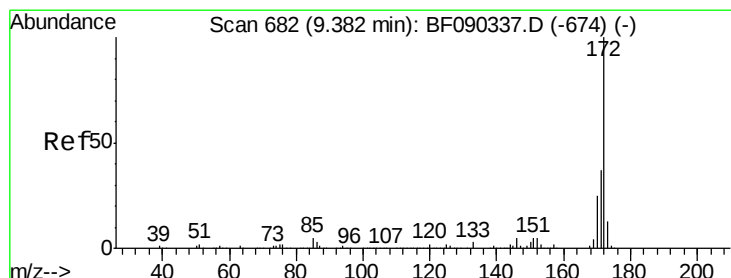
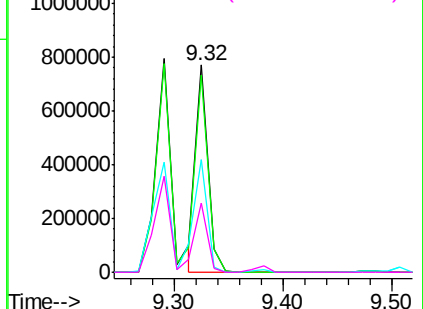
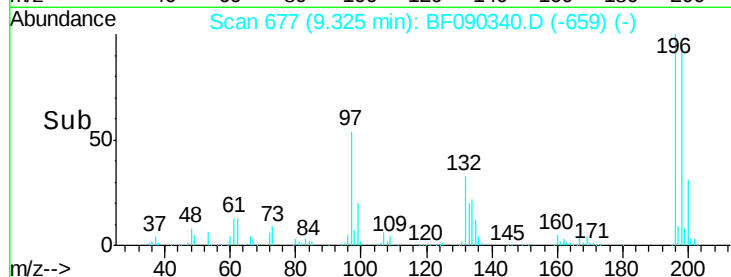
#43
2,4,5-Trichlorophenol
Concen: 76.51 ng
RT: 9.32 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	78.1	117.1
97	54.2	48.1	72.1
132	33.1	27.4	41.2

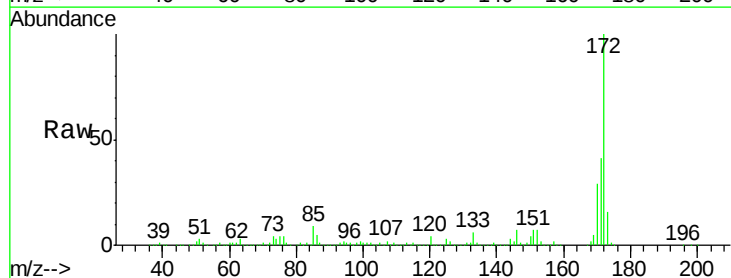


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

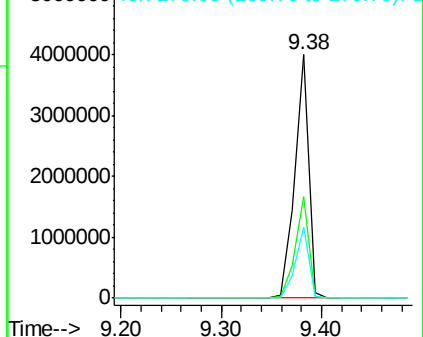
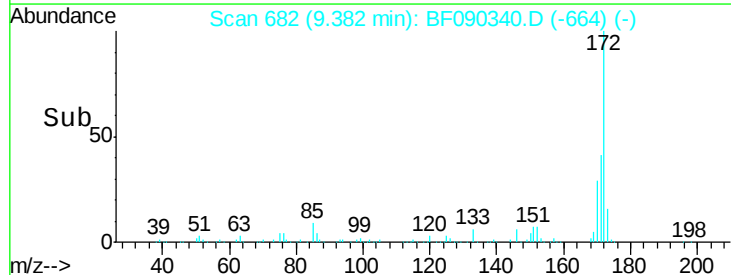


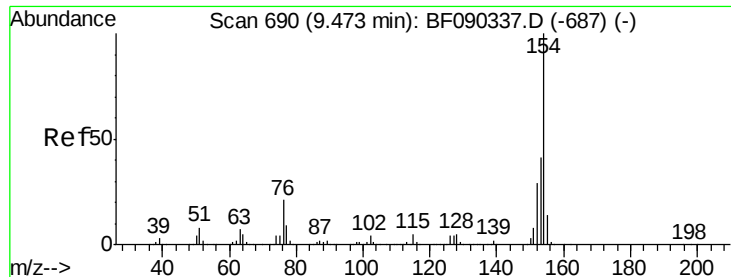
#44
2-Fluorobiphenyl
Concen: 164.63 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.5	31.8	47.8
170	29.2	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: 85.72 ng

RT: 9.48 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

Instrument :

BNA_F

ClientSampleId :

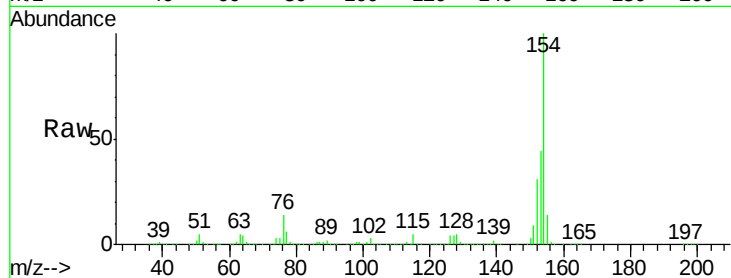
Tot Ion:154 Resp: 2812138

Ion Ratio Lower Upper

154 100

153 43.7 23.8 63.8

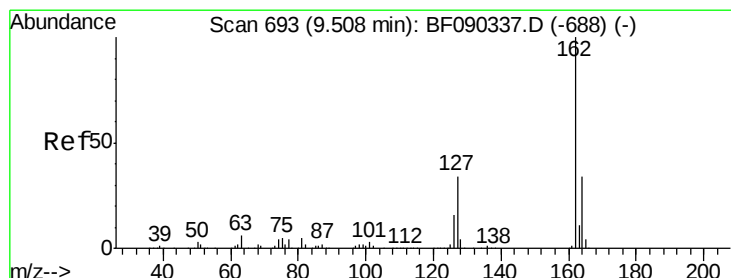
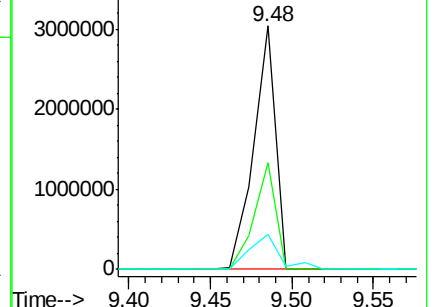
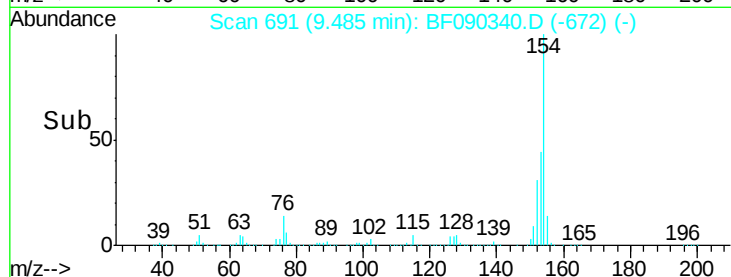
76 14.4 0.0 35.8



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: 85.28 ng

RT: 9.51 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

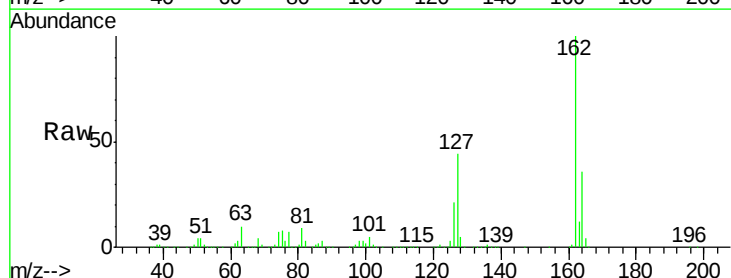
Tgt Ion:162 Resp: 2063837

Ion Ratio Lower Upper

162 100

127 43.8 35.6 53.4

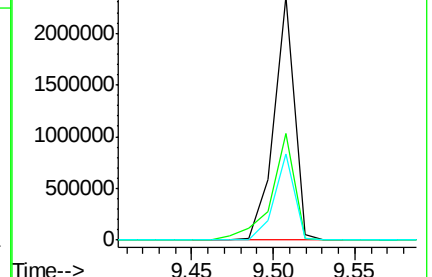
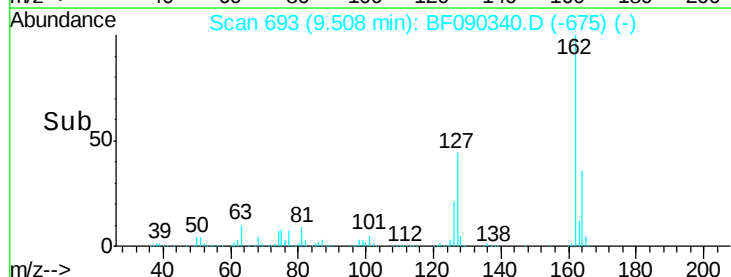
164 35.6 27.5 41.3

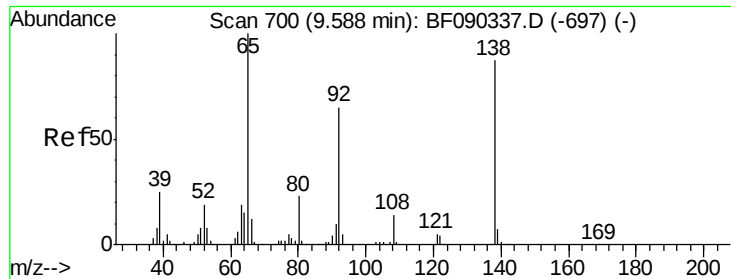


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

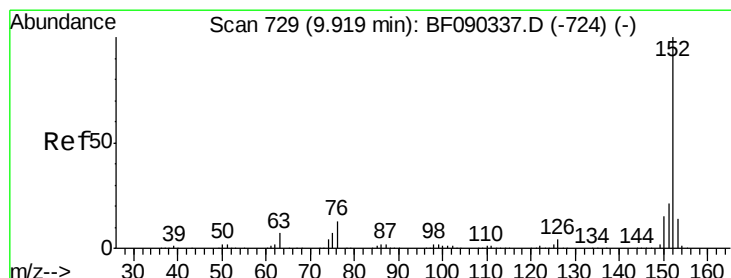
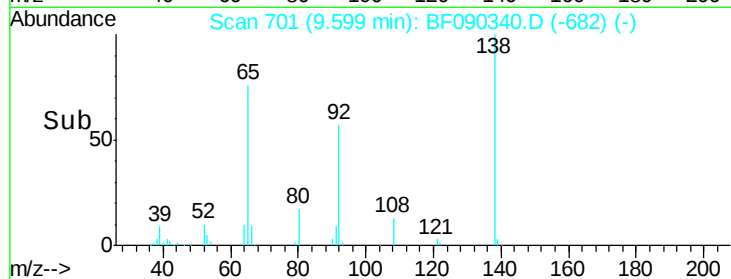
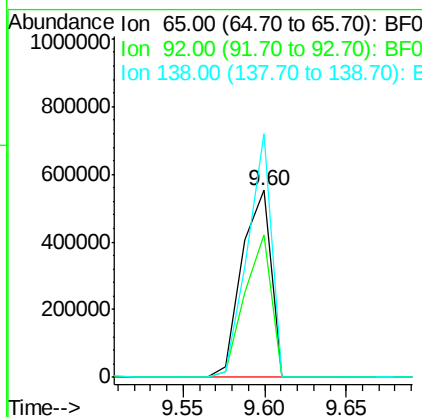
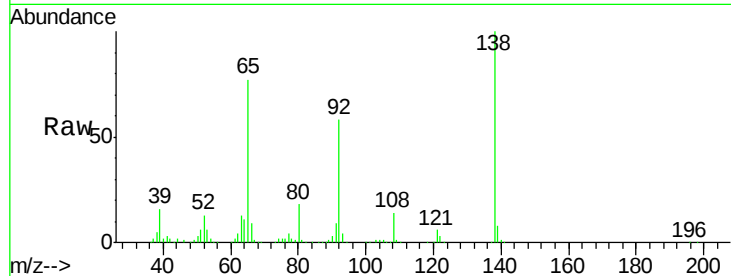




#47
2-Nitroaniline
Concen: 93.22 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.01 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

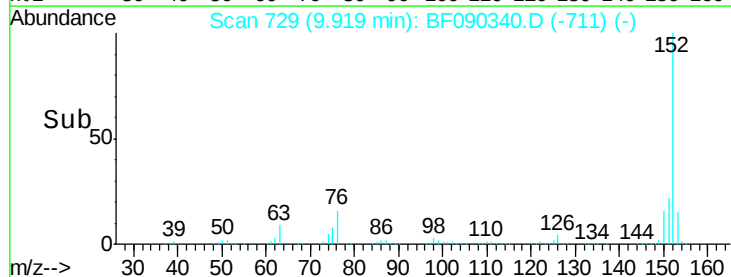
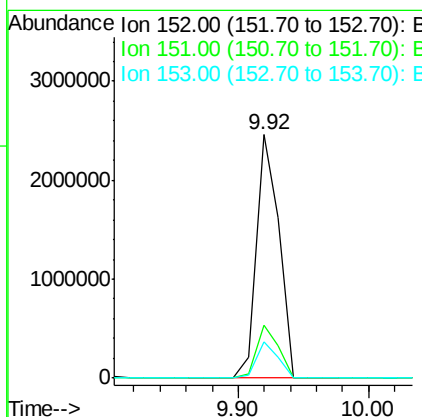
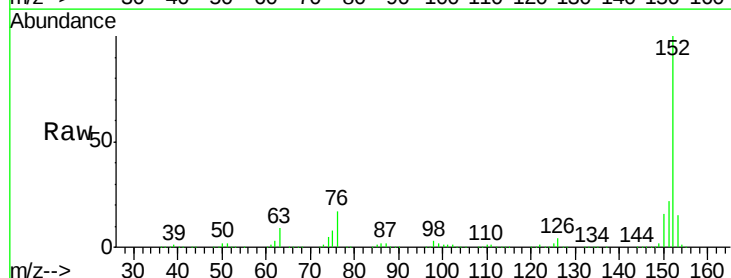
Instrument :
BNA_F
ClientSampleId :

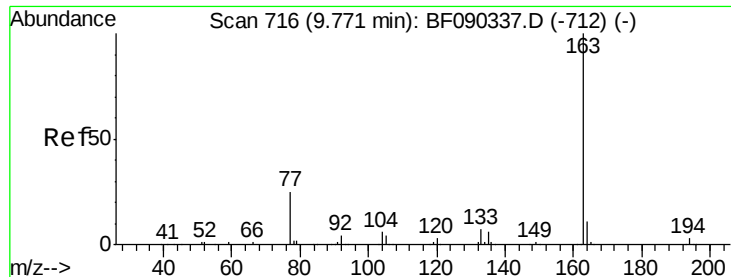
Tot Ion: 65 Resp: 680171
Ion Ratio Lower Upper
65 100
92 76.0 51.7 77.5
138 130.2 79.0 118.4#



#48
Acenaphthylene
Concen: 75.02 ng
RT: 9.92 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

Tgt Ion: 152 Resp: 2948396
Ion Ratio Lower Upper
152 100
151 21.6 17.4 26.0
153 14.7 11.6 17.4

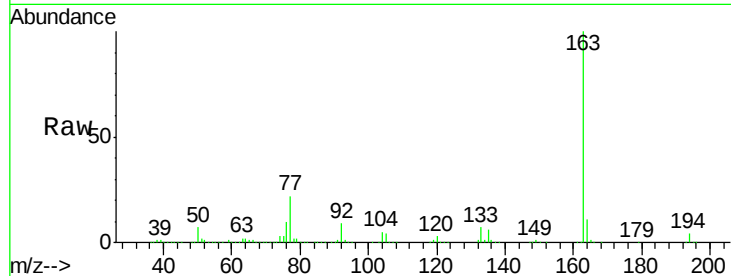




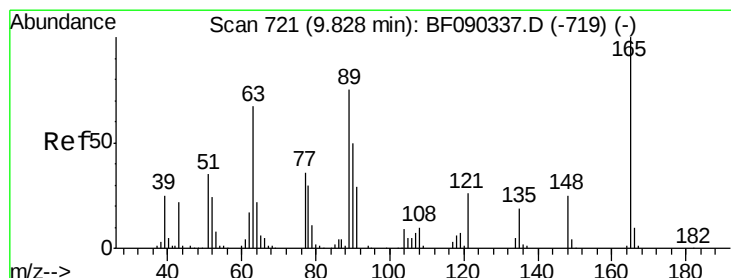
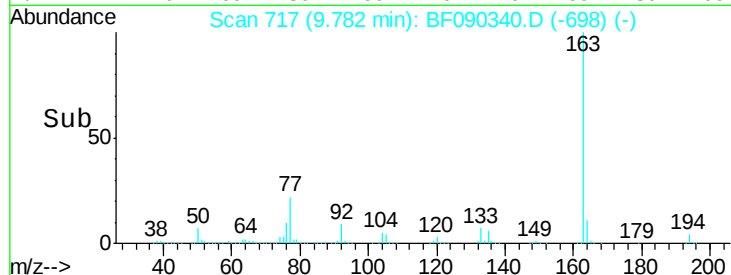
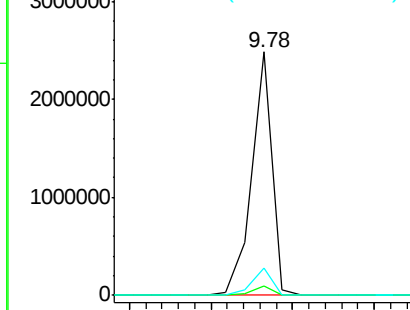
#49
Dimethylphthalate
Concen: 72.97 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.01 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 2131211
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 11.3 9.0 13.4

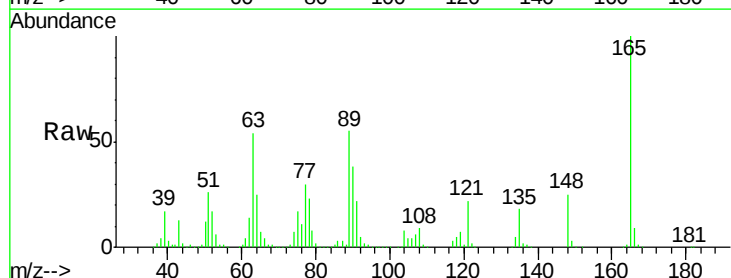


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

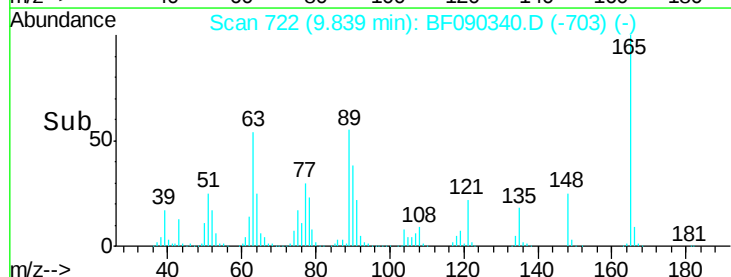
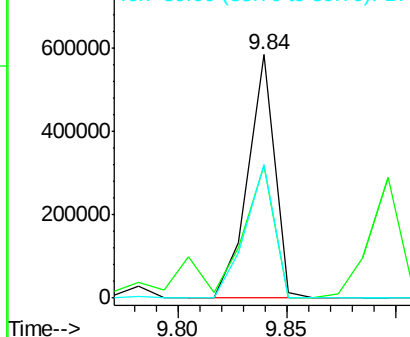


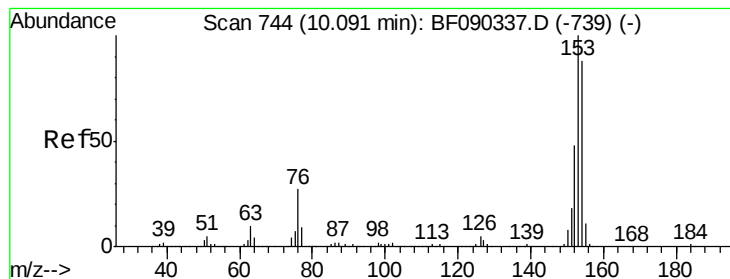
#50
2,6-Dinitrotoluene
Concen: 77.16 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

Tgt Ion:165 Resp: 502227
Ion Ratio Lower Upper
165 100
63 54.3 58.0 87.0#
89 54.8 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: 79.53 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

Instrument :

BNA_F

ClientSampleId :

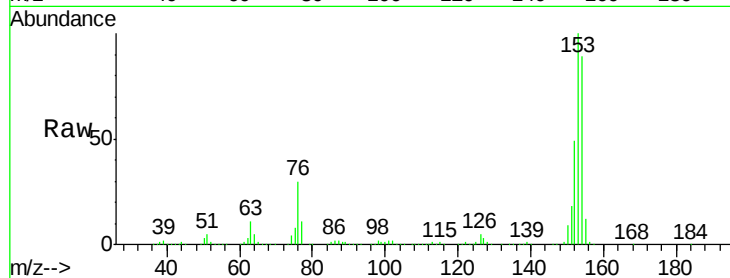
Tot Ion:154 Resp: 1855484

Ion Ratio Lower Upper

154 100

153 112.7 88.6 133.0

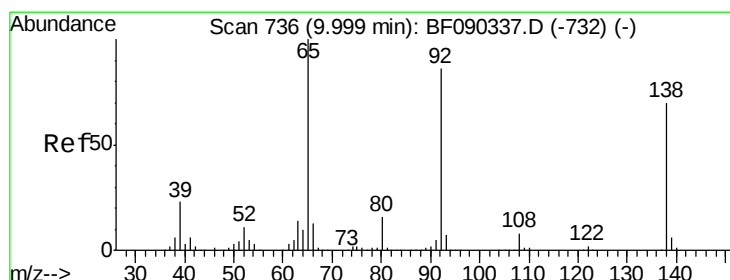
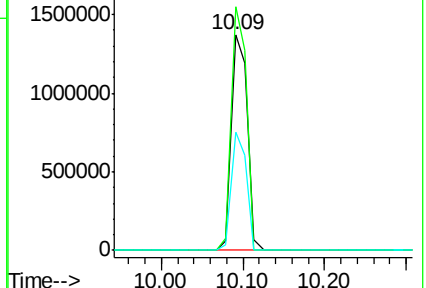
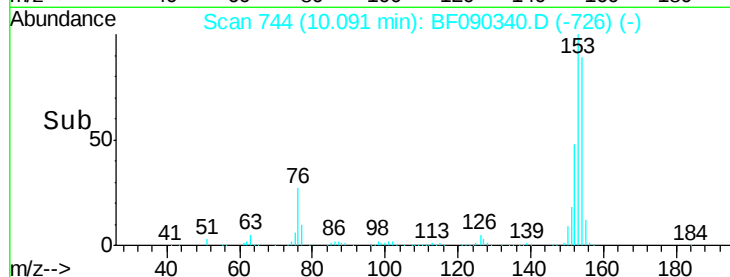
152 54.8 42.6 64.0



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: 81.09 ng

RT: 10.01 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

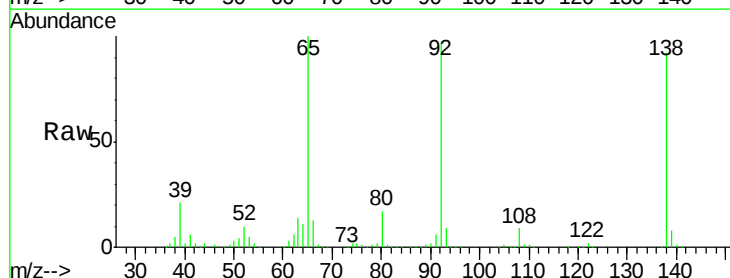
Tgt Ion:138 Resp: 618885

Ion Ratio Lower Upper

138 100

108 9.8 9.7 14.5

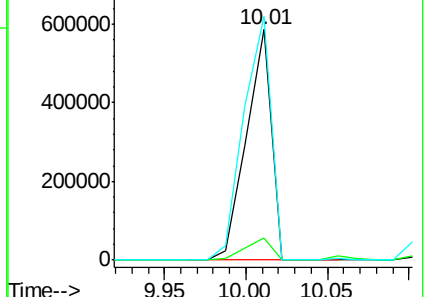
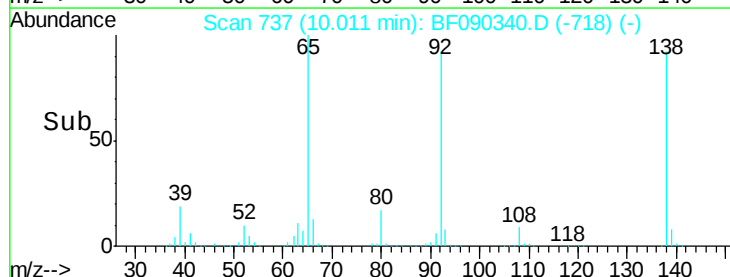
92 105.6 97.1 145.7

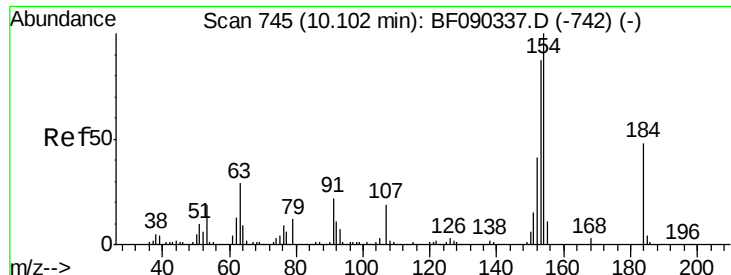


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

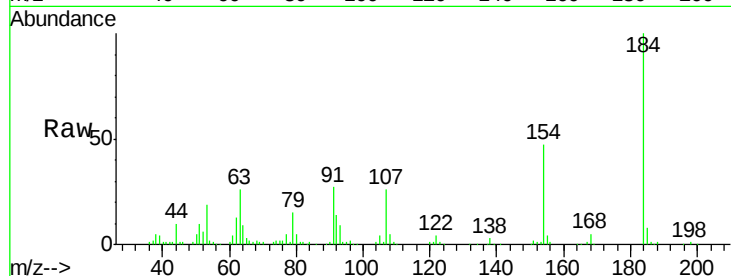




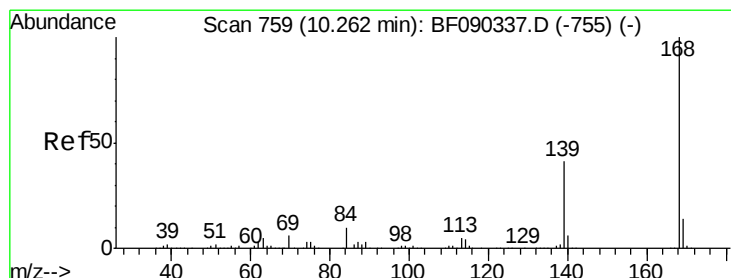
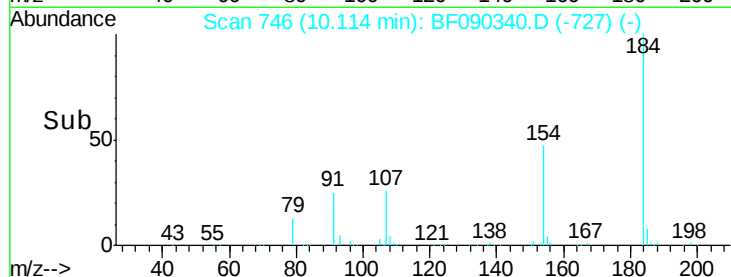
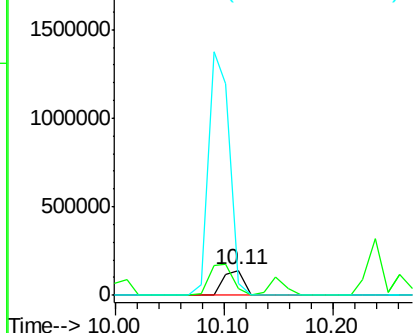
#53
2,4-Dinitrophenol
Concen: 64.34 ng
RT: 10.11 min Scan# 746
Delta R.T. 0.01 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 183038
Ion Ratio Lower Upper
184 100
63 26.0 41.9 62.9#
154 47.5 48.9 73.3#

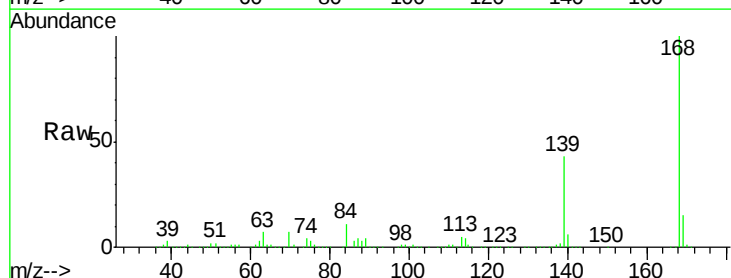


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

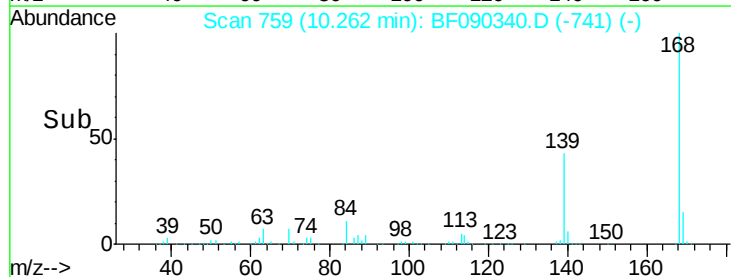
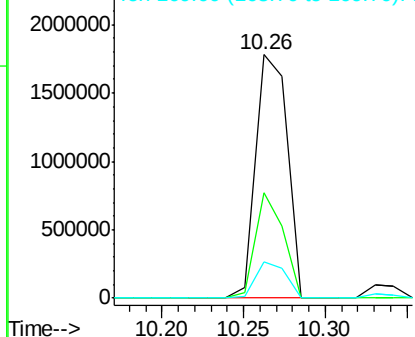


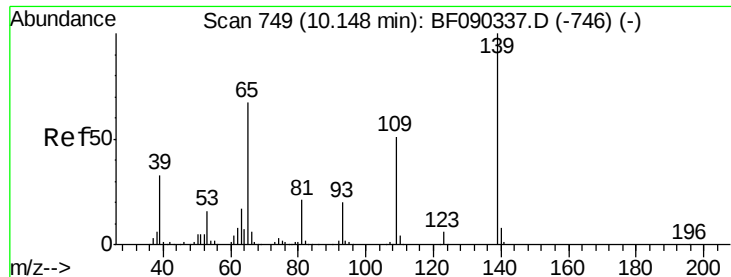
#54
Dibenzofuran
Concen: 78.00 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

Tgt Ion:168 Resp: 2394711
Ion Ratio Lower Upper
168 100
139 43.4 29.6 44.4
169 14.7 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

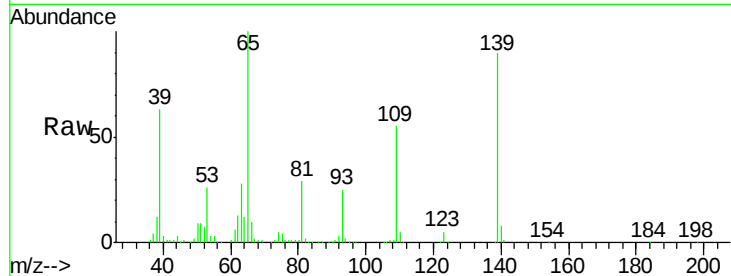




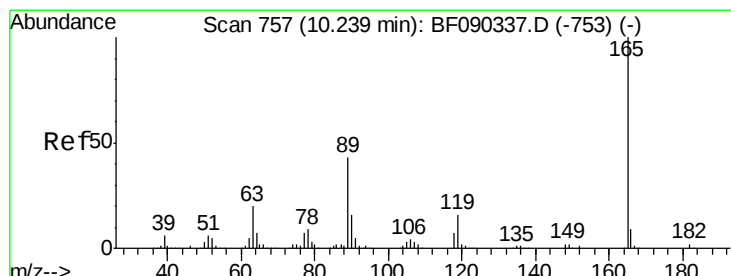
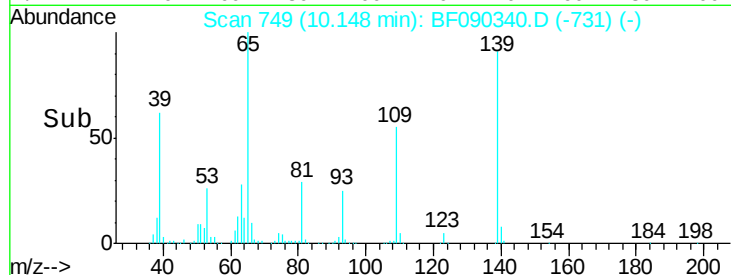
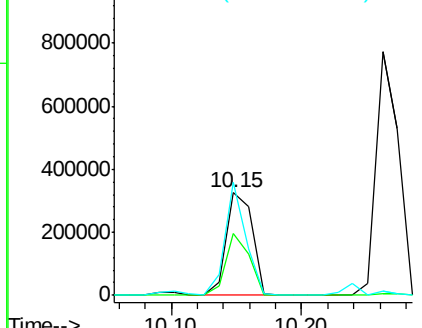
#55
4-Nitrophenol
Concen: 86.03 ng
RT: 10.15 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	60.8	43.6	83.6
65	110.6	87.5	127.5



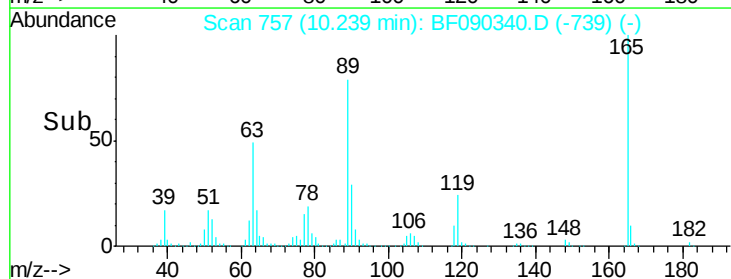
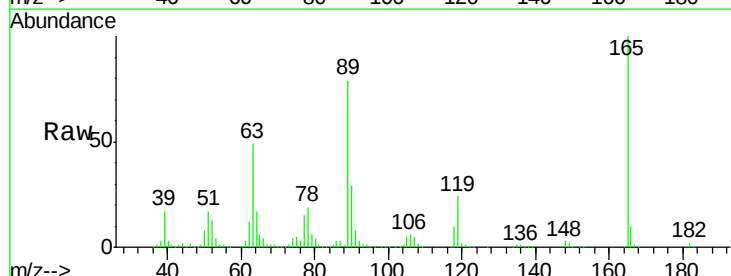
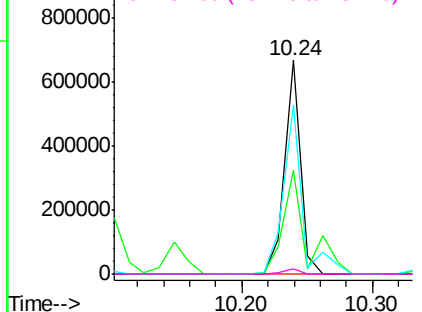
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

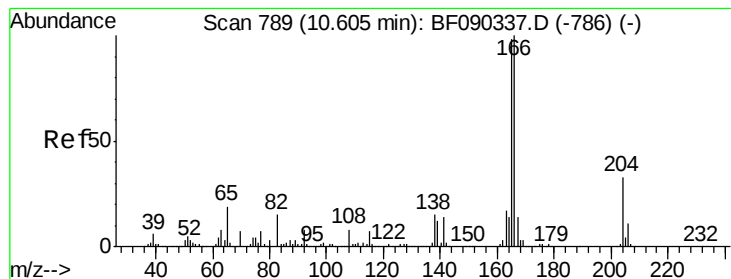


#56
2,4-Dinitrotoluene
Concen: 73.98 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.6	17.8	26.6#
89	79.0	33.2	49.8#
182	2.2	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: 87.44 ng

RT: 10.62 min Scan# 790

Delta R.T. 0.01 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

Instrument :

BNA_F

ClientSampleId :

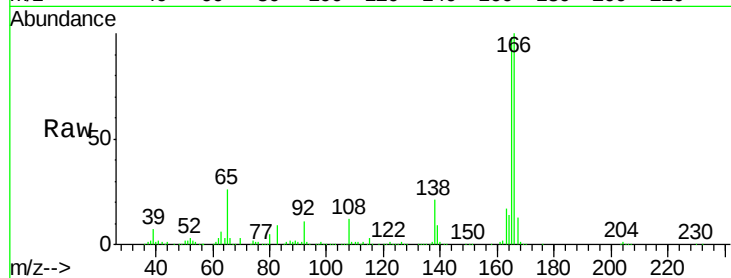
Tot Ion:166 Resp: 2023085

Ion Ratio Lower Upper

166 100

165 98.2 79.2 118.8

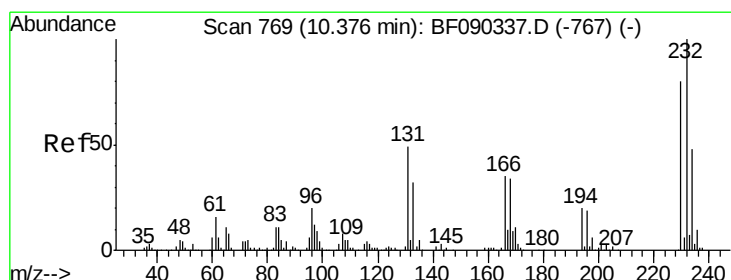
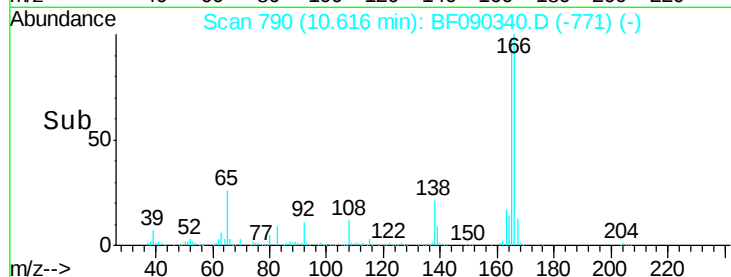
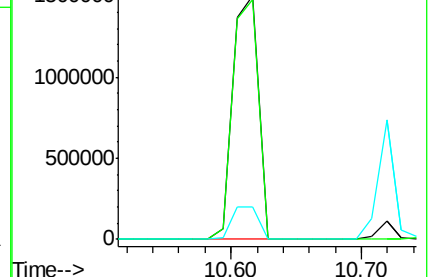
167 13.5 11.1 16.7



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: 74.98 ng

RT: 10.38 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

Tgt Ion:232 Resp: 435936

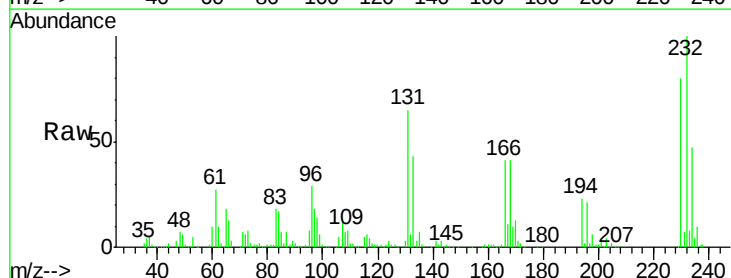
Ion Ratio Lower Upper

232 100

131 51.6 34.5 51.7

130 2.3 1.6 2.4

166 34.3 23.8 35.8

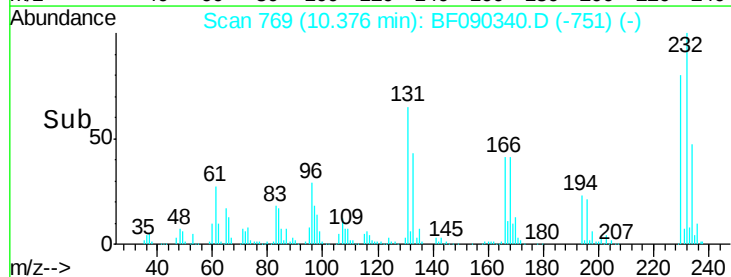
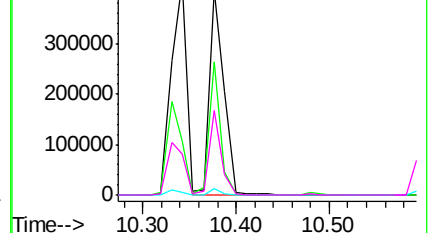


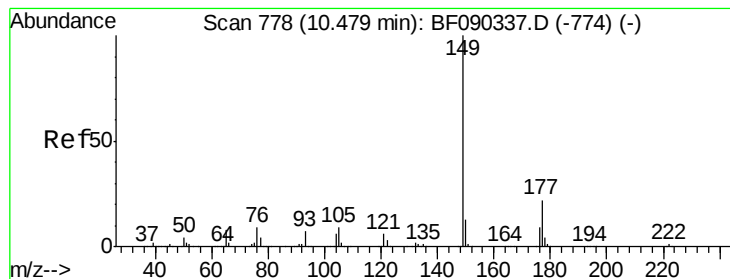
Abundance Ion 232.00 (231.70 to 232.70): E

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: 71.59 ng

RT: 10.48 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

Instrument :

BNA_F

ClientSampleId :

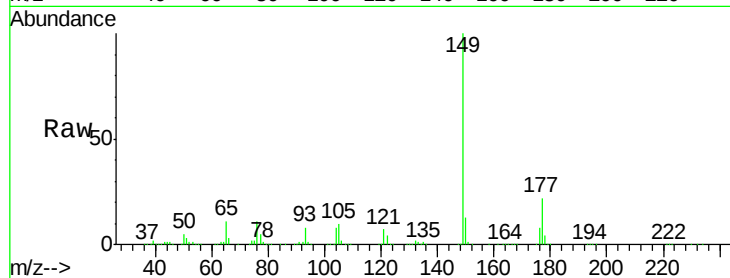
Tot Ion:149 Resp: 2019143

Ion Ratio Lower Upper

149 100

177 21.8 21.1 31.7

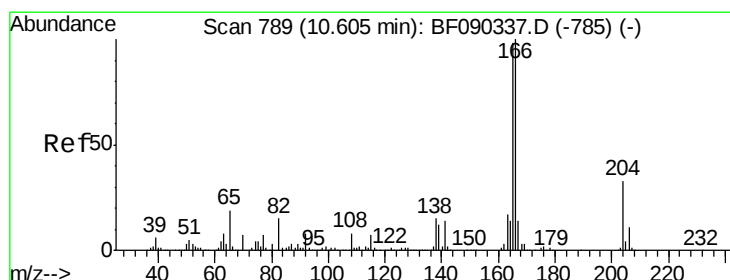
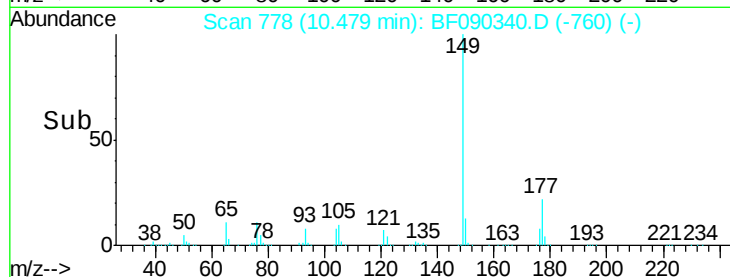
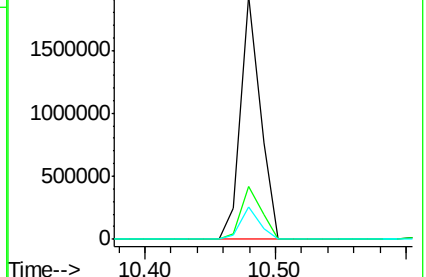
150 13.4 10.2 15.2



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: 101.79 ng

RT: 10.61 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

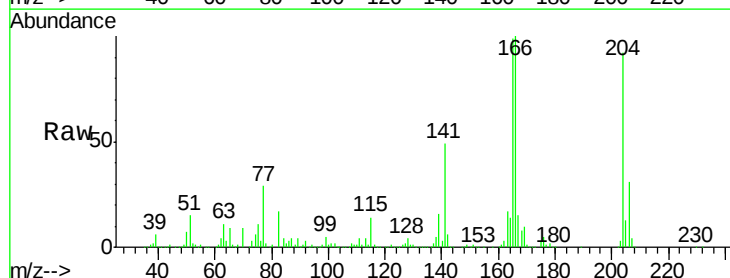
Tgt Ion:204 Resp: 1073939

Ion Ratio Lower Upper

204 100

206 33.9 26.7 40.1

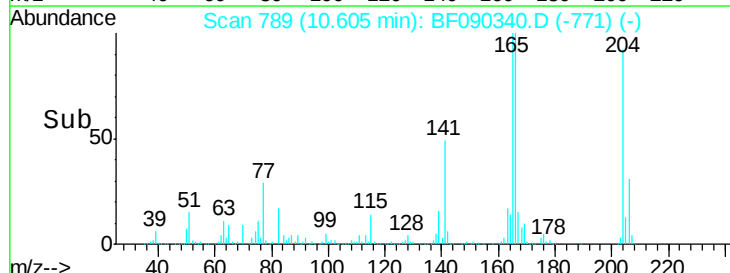
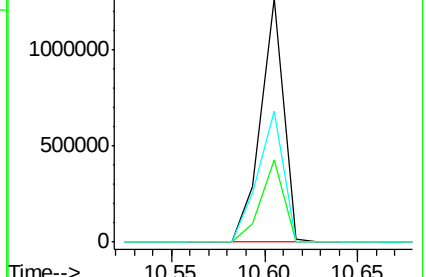
141 53.6 51.7 77.5

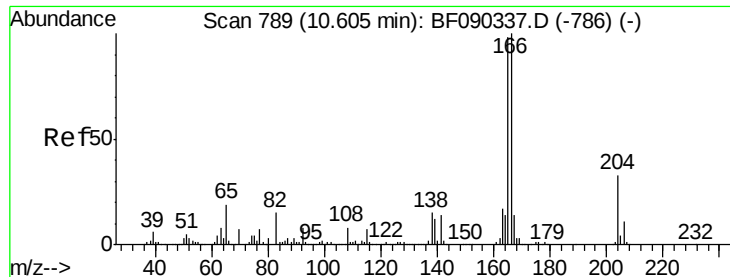


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

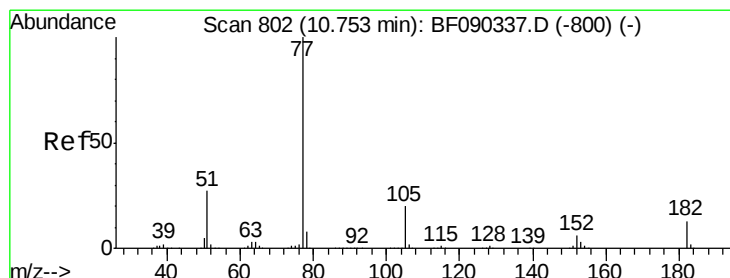
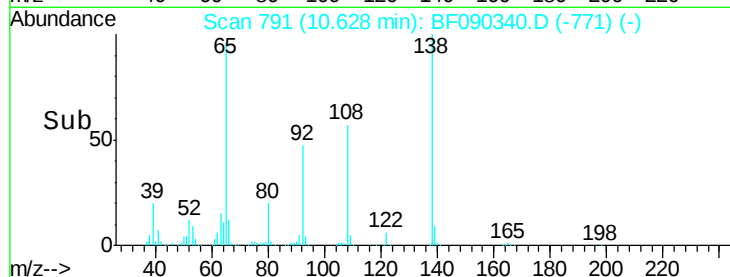
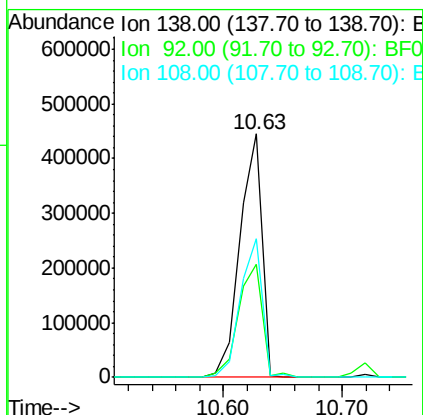
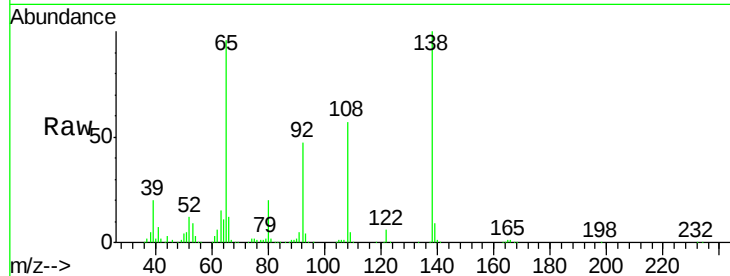




#61
4-Nitroaniline
Concen: 74.55 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.02 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

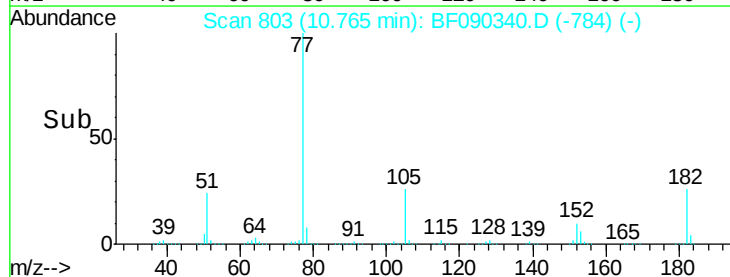
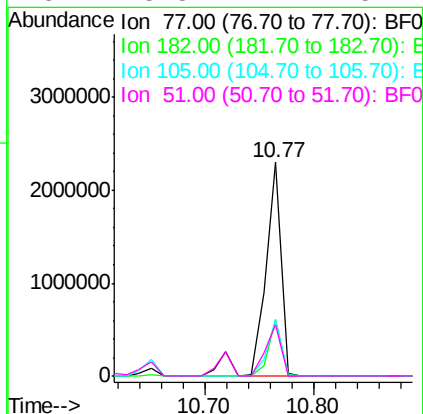
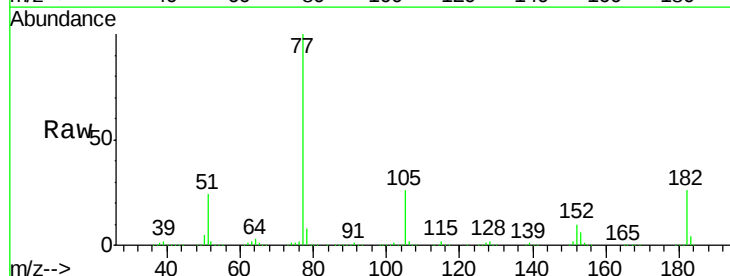
Instrument :
BNA_F
ClientSampled :

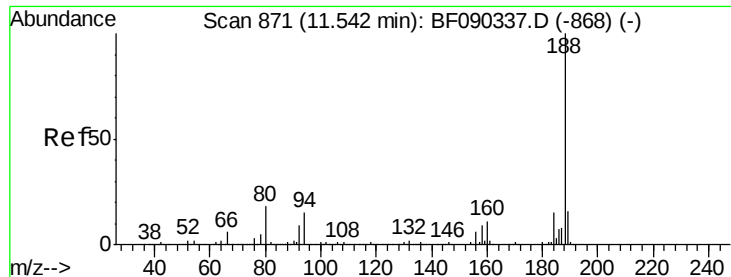
Tot Ion:138 Resp: 579875
Ion Ratio Lower Upper
138 100
92 46.6 33.2 73.2
108 56.7 48.5 88.5



#62
Azobenzene
Concen: 83.55 ng
RT: 10.77 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

Tgt Ion: 77 Resp: 2452923
Ion Ratio Lower Upper
77 100
182 26.2 3.2 43.2
105 26.1 2.9 42.9
51 23.8 14.2 54.2

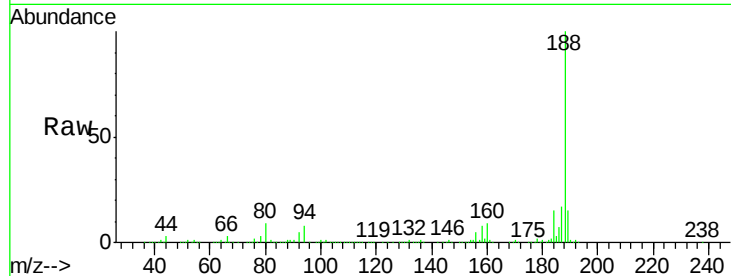




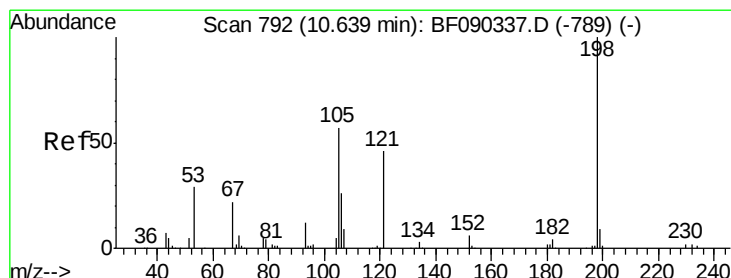
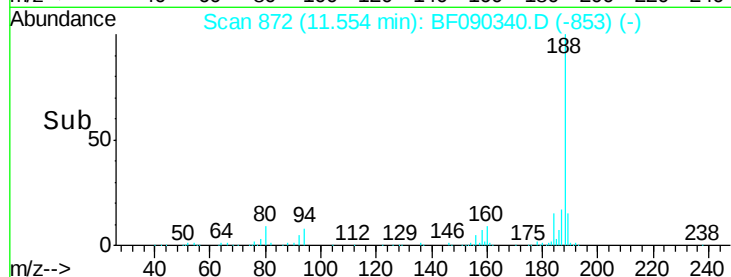
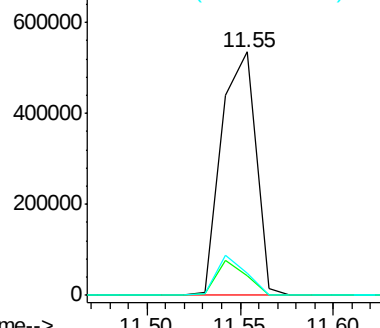
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 684898
Ion Ratio Lower Upper
188 100
94 8.2 8.2 12.2
80 9.3 8.8 13.2

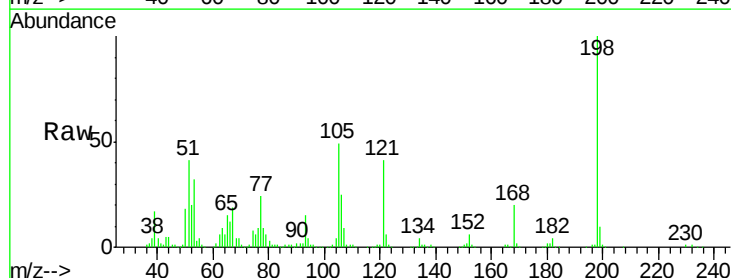


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

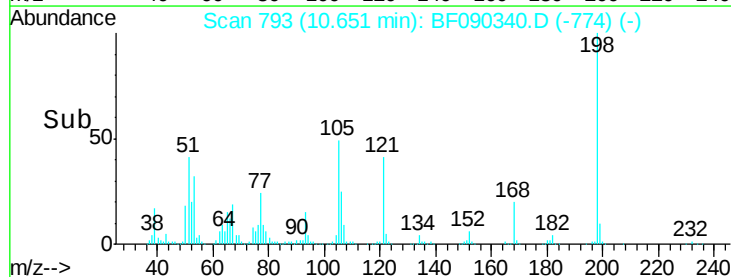
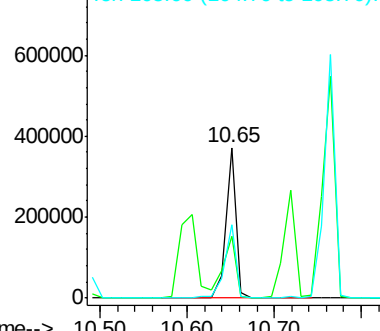


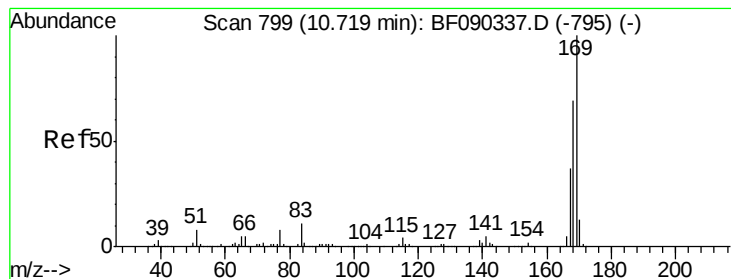
#64
4,6-Dinitro-2-methylphenol
Concen: 71.11 ng
RT: 10.65 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

Tgt Ion:198 Resp: 305047
Ion Ratio Lower Upper
198 100
51 41.5 67.3 107.3#
105 48.8 42.6 82.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

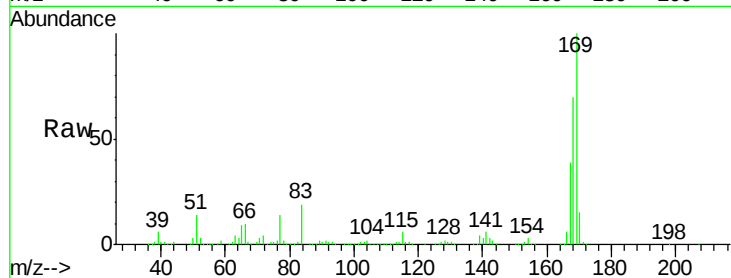




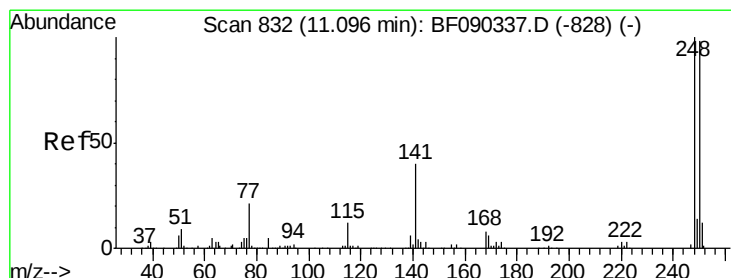
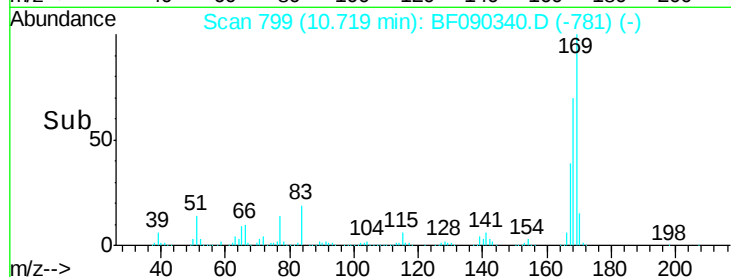
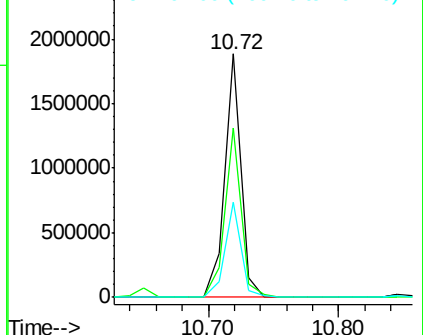
#65
 n-Nitrosodiphenylamine
 Concen: 72.74 ng
 RT: 10.72 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF090340.D
 Acq: 4 Oct 2016 13:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 1638244
 Ion Ratio Lower Upper
 169 100
 168 69.8 53.8 80.6
 167 39.1 29.8 44.8

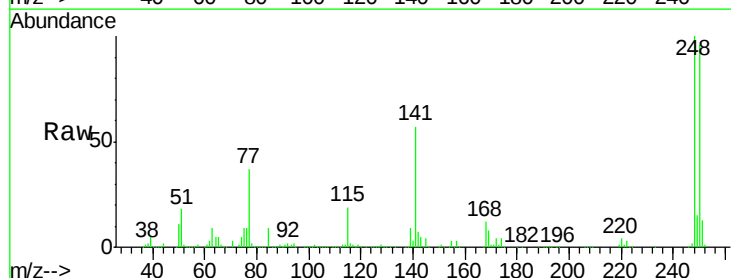


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

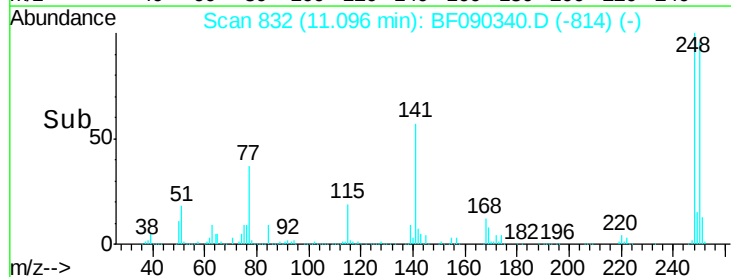
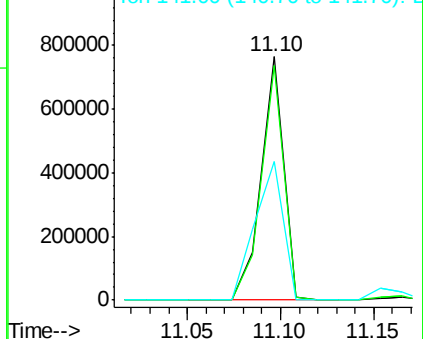


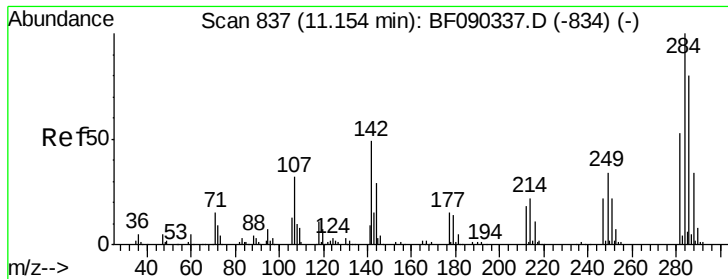
#66
 4-Bromophenyl-phenylether
 Concen: 94.07 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF090340.D
 Acq: 4 Oct 2016 13:23

Tgt Ion:248 Resp: 634002
 Ion Ratio Lower Upper
 248 100
 250 96.4 76.5 114.7
 141 57.1 59.8 89.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

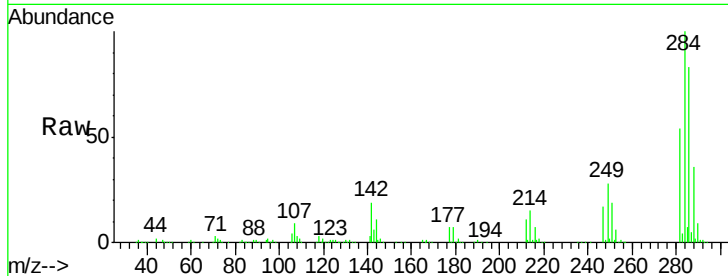




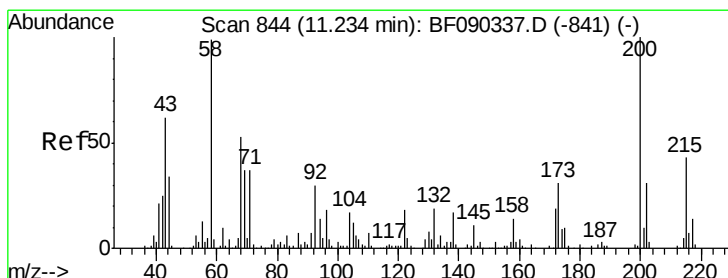
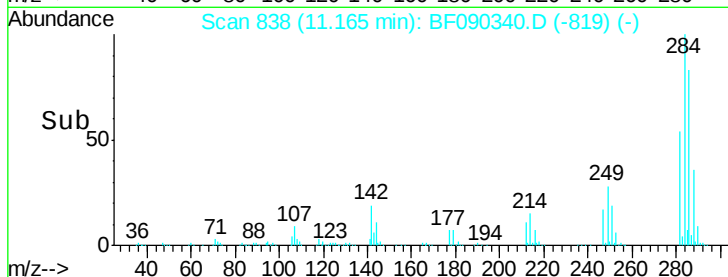
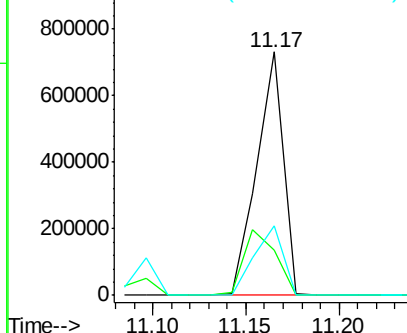
#67
Hexachlorobenzene
Concen: 91.38 ng
RT: 11.17 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 717767
Ion Ratio Lower Upper
284 100
142 18.7 23.1 34.7#
249 28.4 26.3 39.5

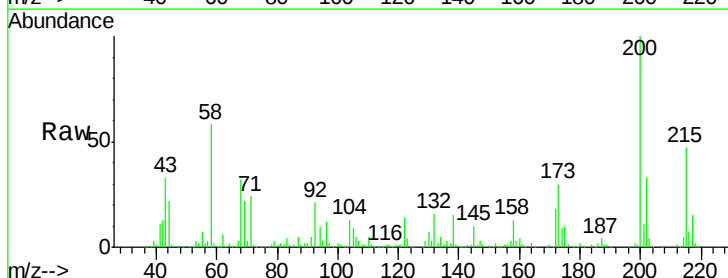


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

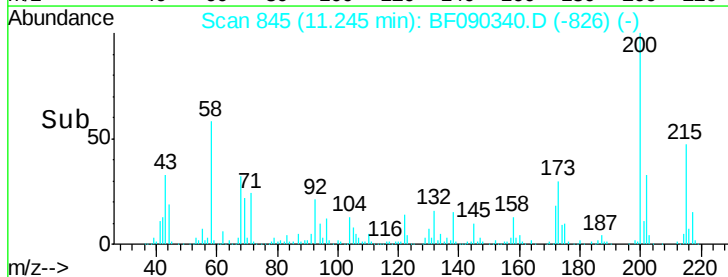
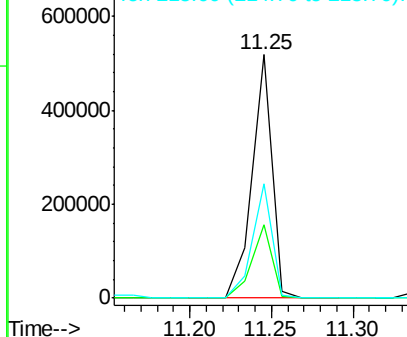


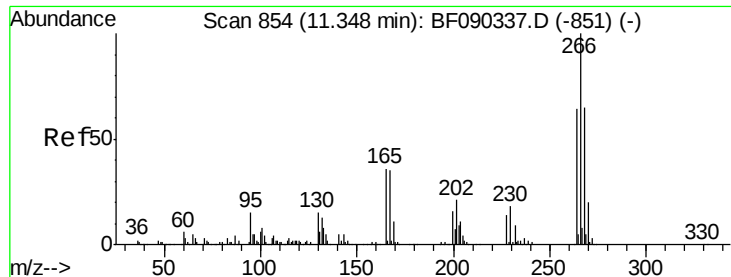
#68
Atrazine
Concen: 71.18 ng
RT: 11.25 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

Tgt Ion:200 Resp: 439295
Ion Ratio Lower Upper
200 100
173 30.1 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

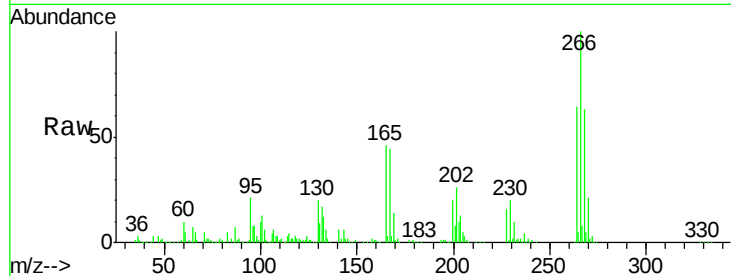




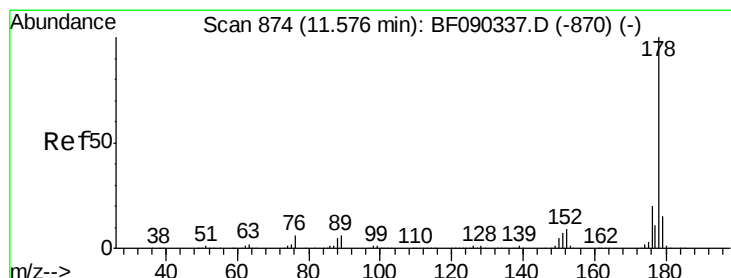
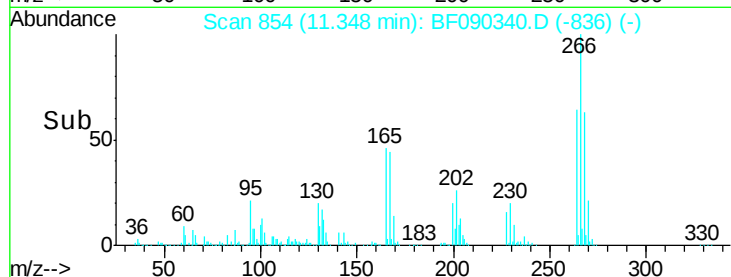
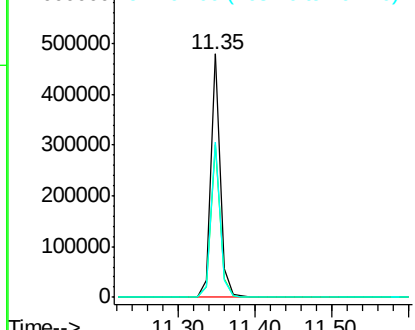
#69
 Pentachlorophenol
 Concen: 90.17 ng
 RT: 11.35 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BF090340.D
 Acq: 4 Oct 2016 13:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 402028
 Ion Ratio Lower Upper
 266 100
 268 62.7 50.9 76.3
 264 63.5 51.5 77.3

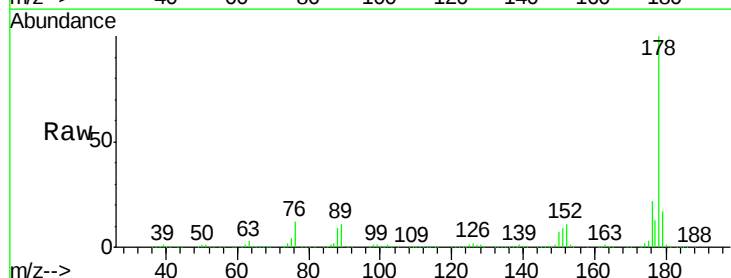


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

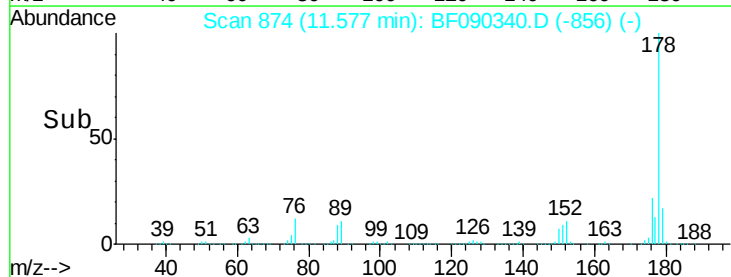
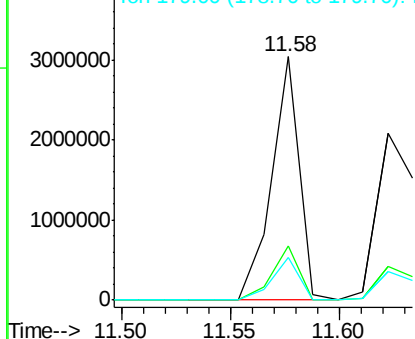


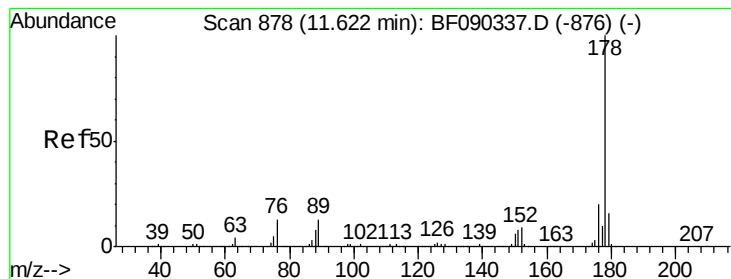
#70
 Phenanthrene
 Concen: 84.34 ng
 RT: 11.58 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BF090340.D
 Acq: 4 Oct 2016 13:23

Tgt Ion:178 Resp: 2701454
 Ion Ratio Lower Upper
 178 100
 176 22.4 17.3 25.9
 179 17.4 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

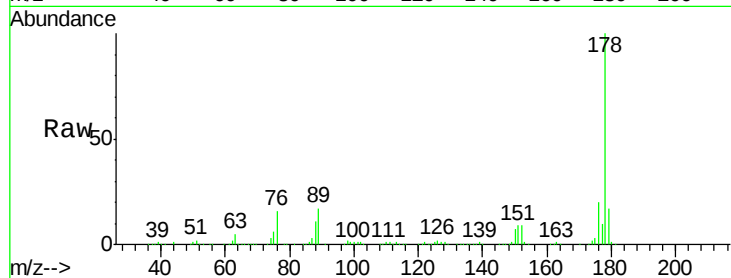




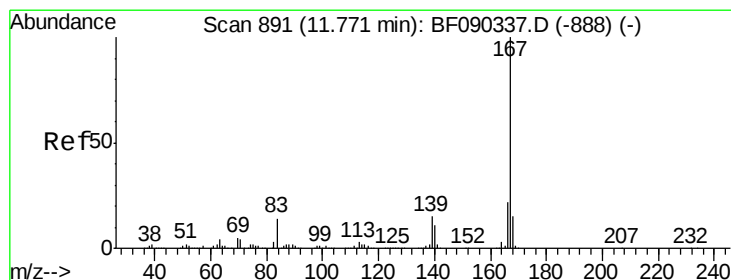
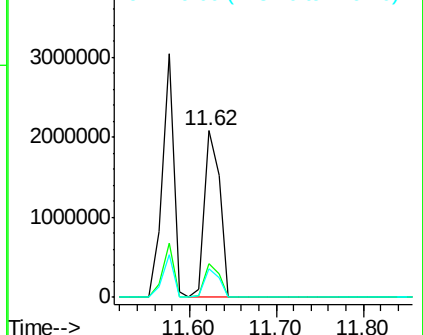
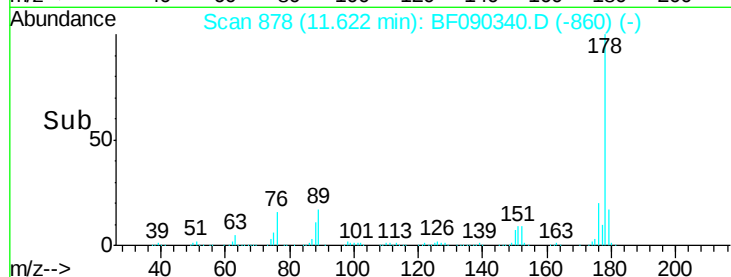
#71
 Anthracene
 Concen: 76.08 ng
 RT: 11.62 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BF090340.D
 Acq: 4 Oct 2016 13:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 2555828
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.8 25.2
 179 17.1 13.4 20.2

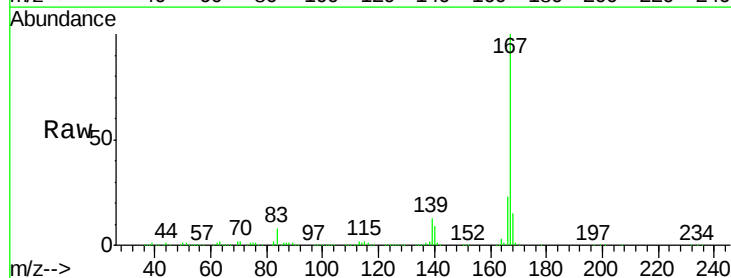


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

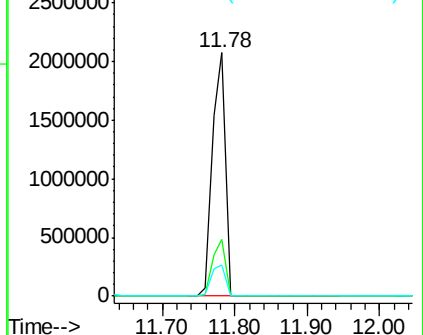
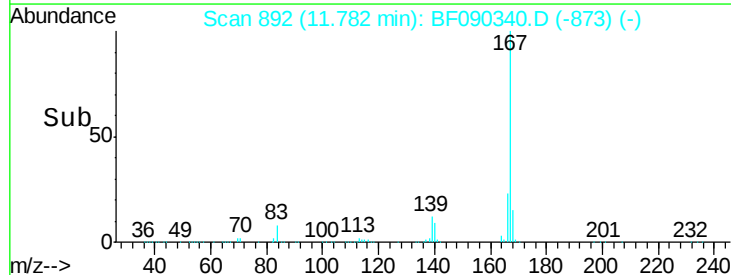


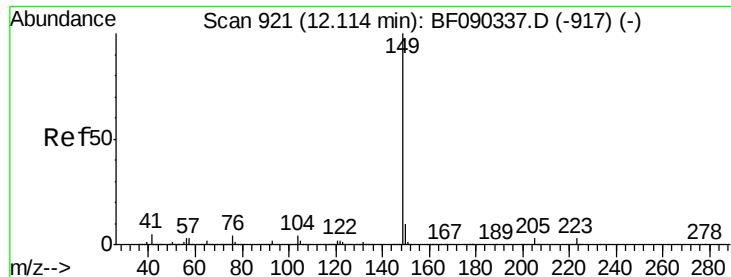
#72
 Carbazole
 Concen: 71.69 ng
 RT: 11.78 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF090340.D
 Acq: 4 Oct 2016 13:23

Tgt Ion:167 Resp: 2545902
 Ion Ratio Lower Upper
 167 100
 166 23.2 19.1 28.7
 139 12.7 12.1 18.1



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 70.54 ng

RT: 12.11 min Scan# 921

Delta R.T. 0.00 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

Instrument :

BNA_F

ClientSampleId :

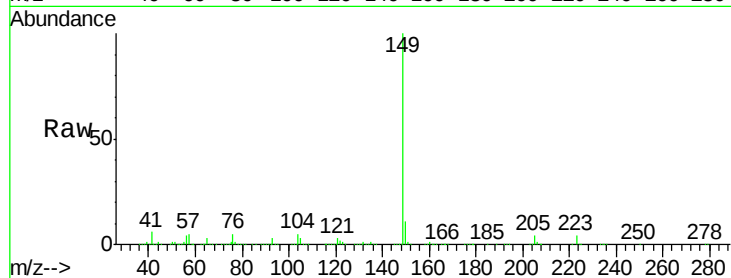
Tot Ion:149 Resp: 2913215

Ion Ratio Lower Upper

149 100

150 10.8 8.6 12.8

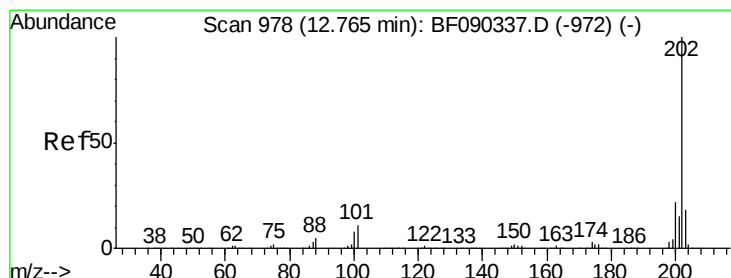
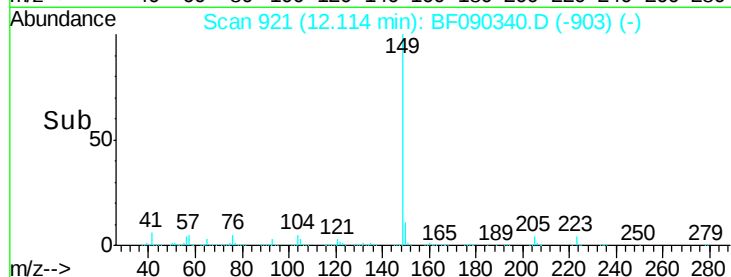
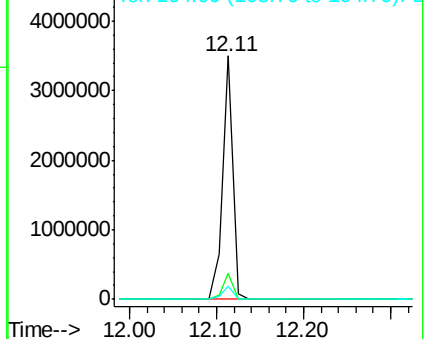
104 5.2 4.7 7.1



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: 68.46 ng

RT: 12.77 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

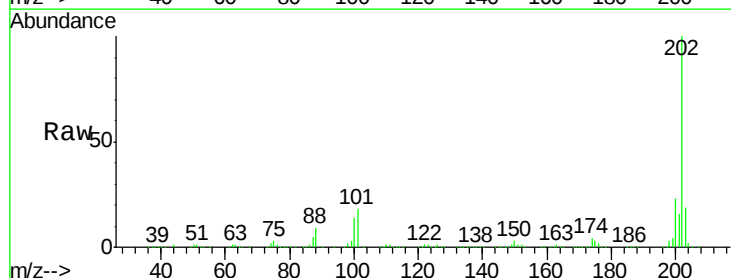
Tgt Ion:202 Resp: 2353777

Ion Ratio Lower Upper

202 100

101 18.1 0.0 37.2

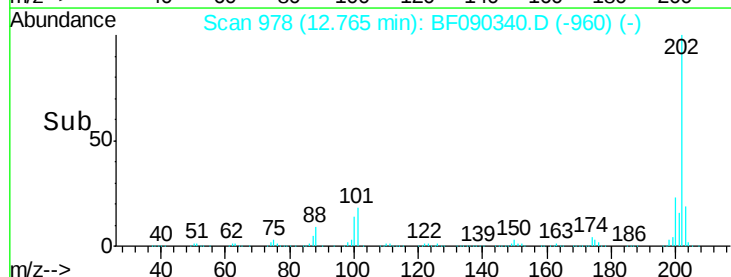
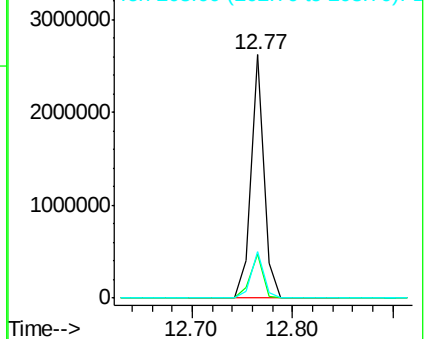
203 19.3 0.0 39.3

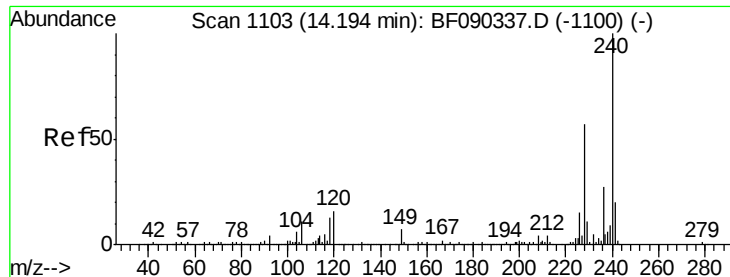


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.19 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

Instrument :

BNA_F

ClientSampleId :

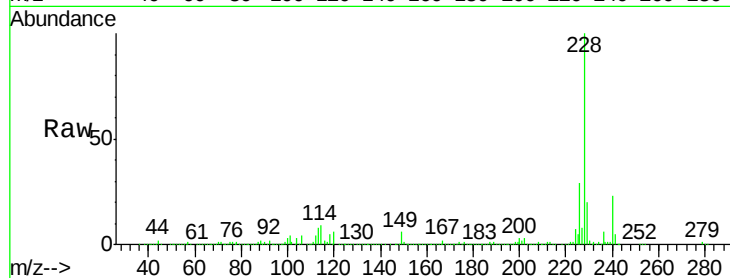
Tot Ion:240 Resp: 523395

Ion Ratio Lower Upper

240 100

120 24.5 8.6 13.0#

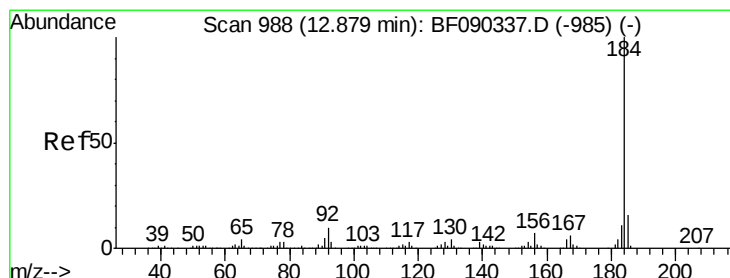
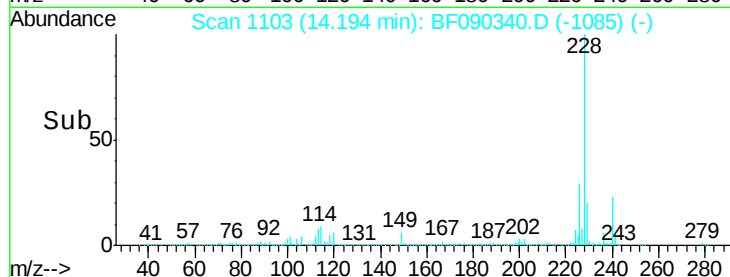
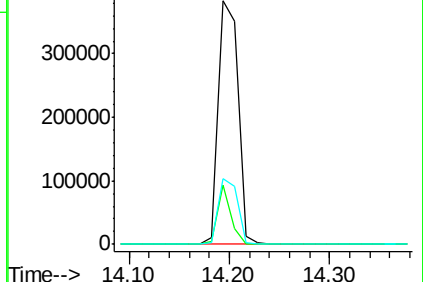
236 26.9 21.6 32.4



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: 64.49 ng

RT: 12.88 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

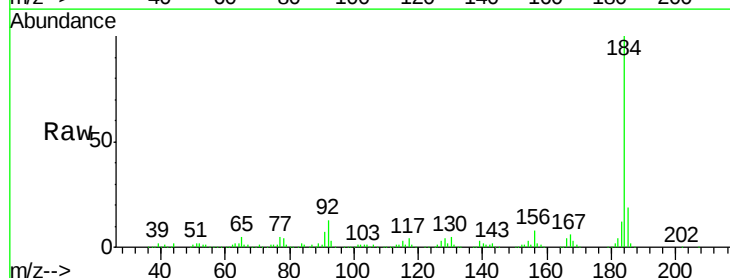
Tgt Ion:184 Resp: 1129724

Ion Ratio Lower Upper

184 100

185 18.6 11.8 17.8#

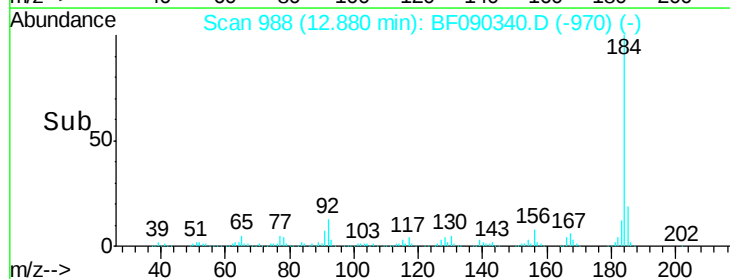
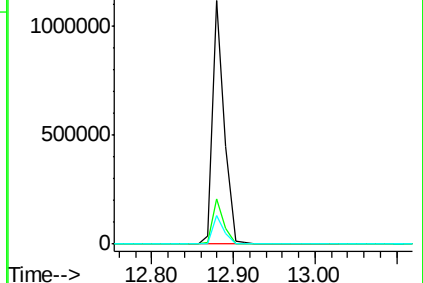
183 12.0 9.6 14.4

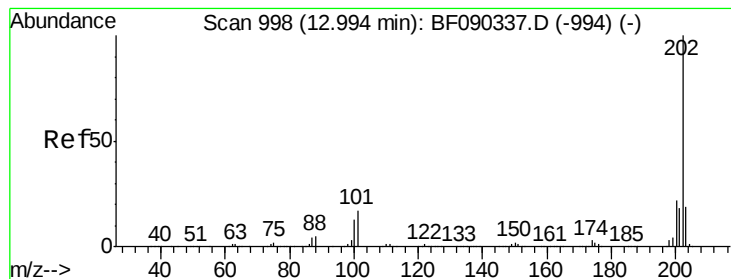


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 67.50 ng

RT: 12.99 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

Instrument :

BNA_F

ClientSampleId :

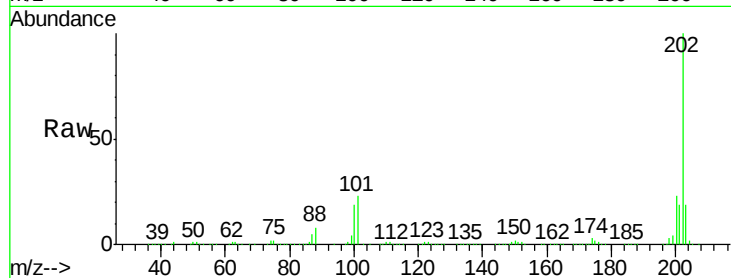
Tot Ion:202 Resp: 2417375

Ion Ratio Lower Upper

202 100

200 23.4 18.5 27.7

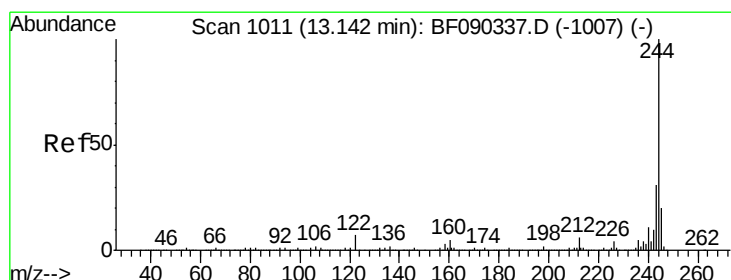
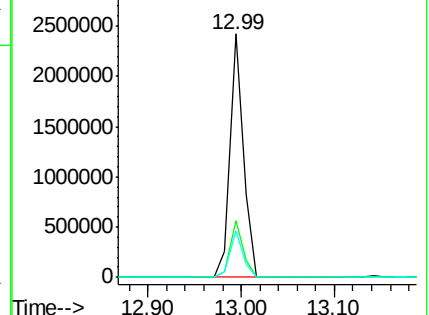
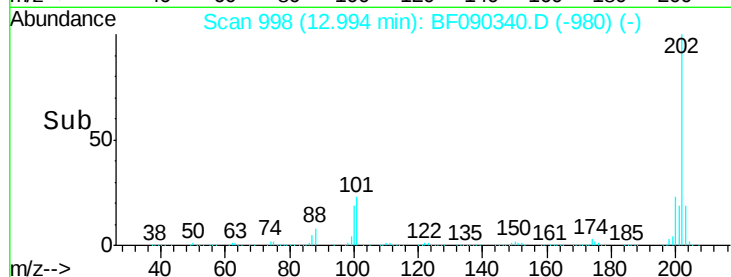
203 19.3 15.0 22.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 159.86 ng

RT: 13.14 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

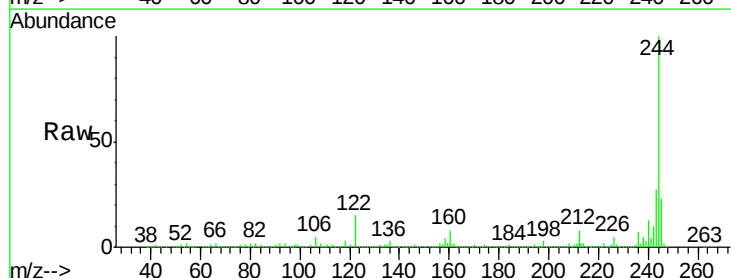
Tgt Ion:244 Resp: 3295668

Ion Ratio Lower Upper

244 100

212 8.4 6.8 10.2

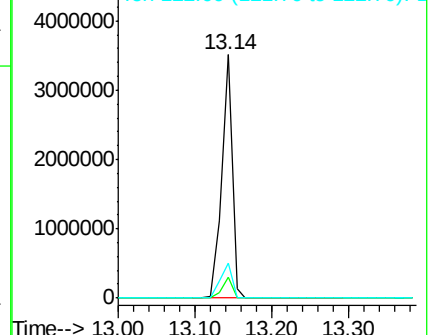
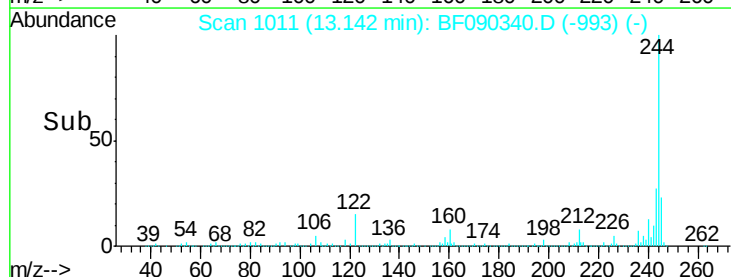
122 14.5 13.3 19.9

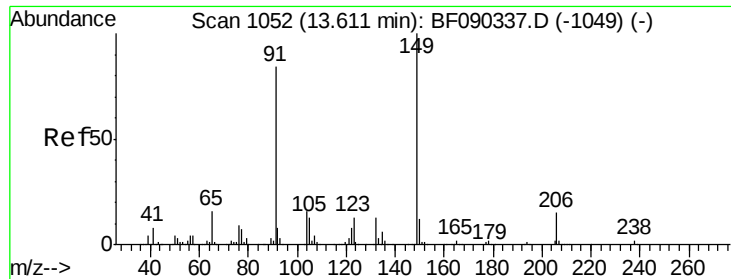


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

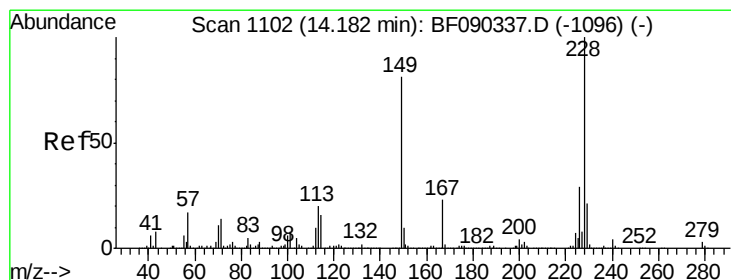
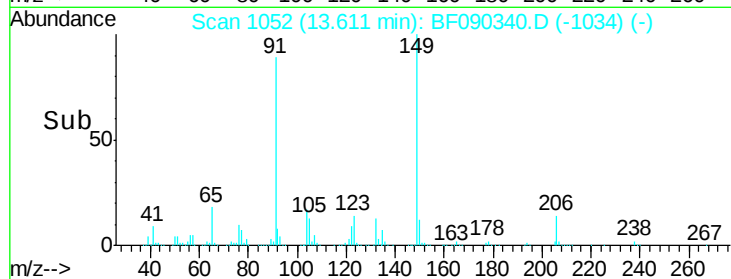
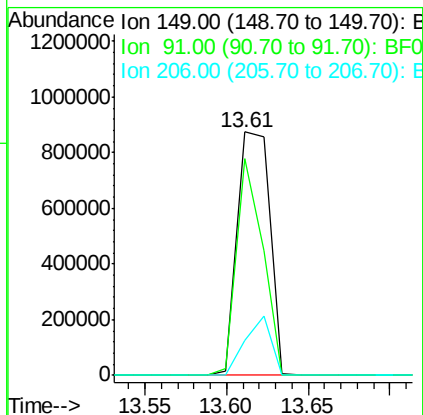
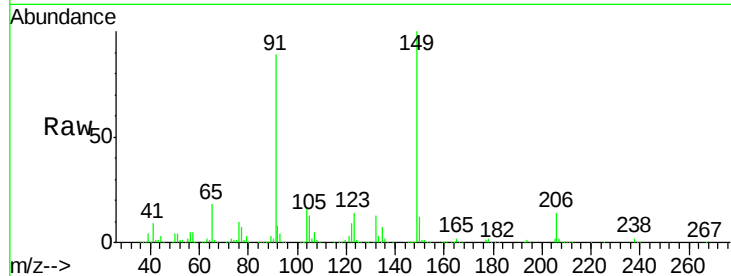




#79
Butylbenzylphthalate
Concen: 68.63 ng
RT: 13.61 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

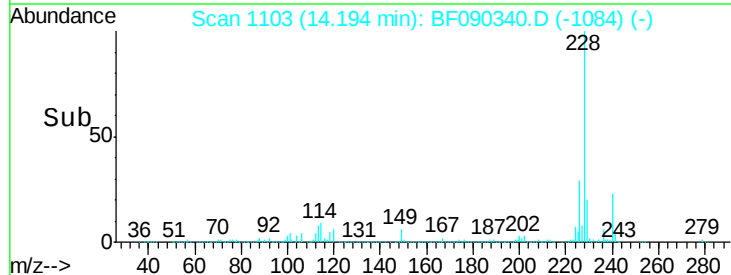
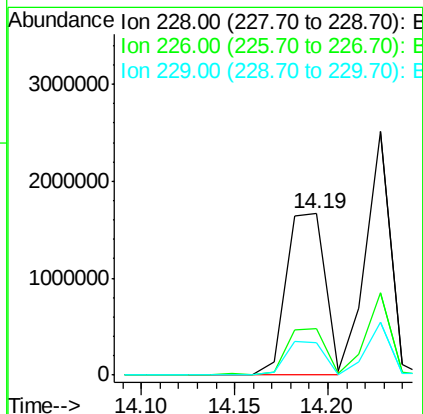
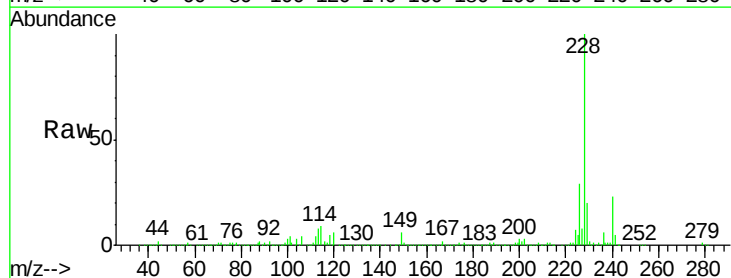
Instrument :
BNA_F
ClientSampled :

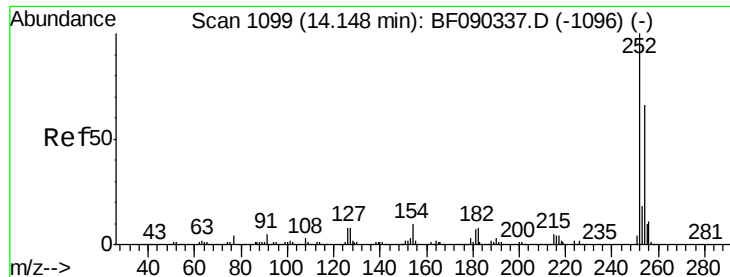
Tot Ion:149 Resp: 1202369
Ion Ratio Lower Upper
149 100
91 89.0 51.8 77.8#
206 14.4 18.0 27.0#



#80
Benzo(a)anthracene
Concen: 84.99 ng
RT: 14.19 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

Tgt Ion:228 Resp: 2393188
Ion Ratio Lower Upper
228 100
226 28.6 23.6 35.4
229 20.5 16.6 25.0

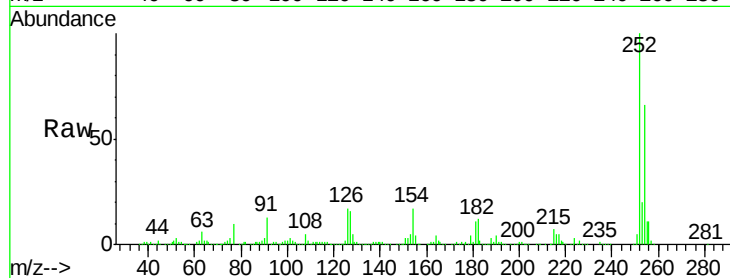




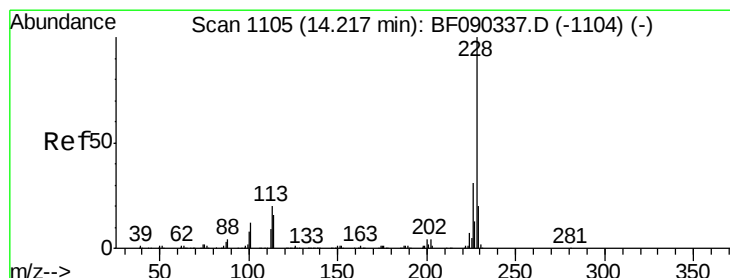
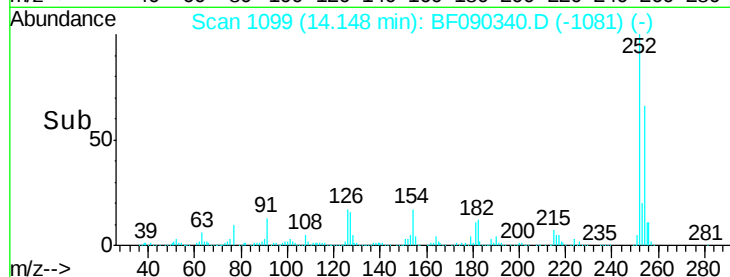
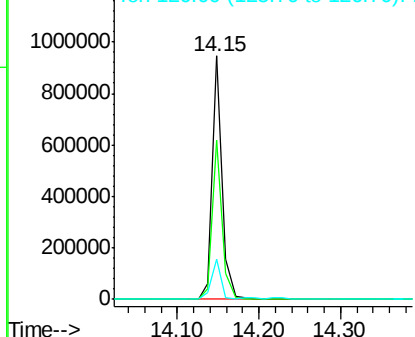
#81
 3,3'-Dichlorobenzidine
 Concen: 70.02 ng
 RT: 14.15 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF090340.D
 Acq: 4 Oct 2016 13:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 813077
 Ion Ratio Lower Upper
 252 100
 254 65.6 52.1 78.1
 126 16.5 4.2 6.4#

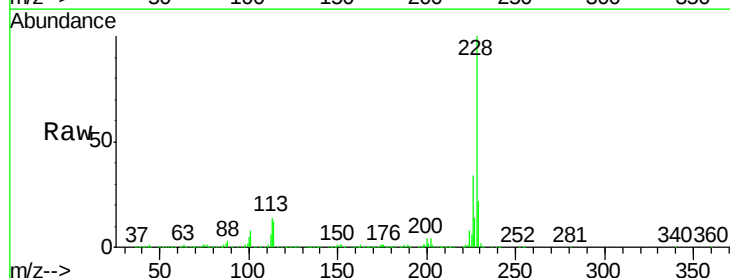


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

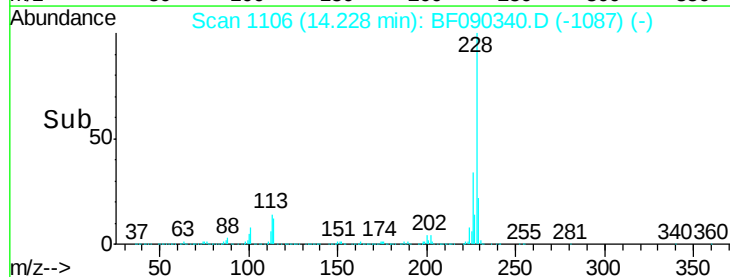
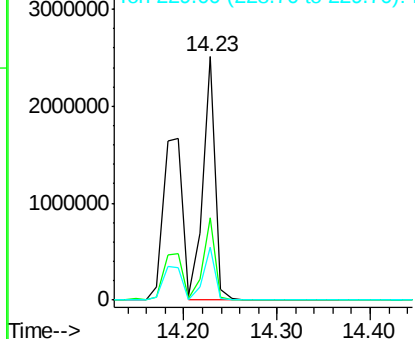


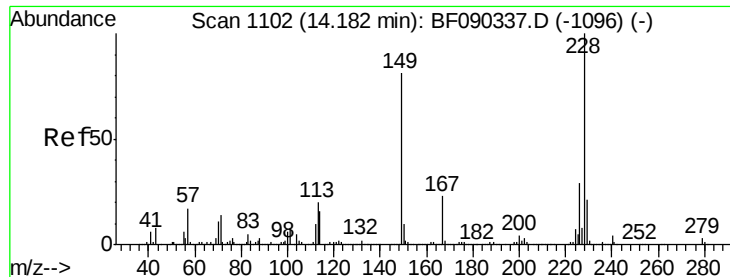
#82
 Chrysene
 Concen: 83.53 ng
 RT: 14.23 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF090340.D
 Acq: 4 Oct 2016 13:23

Tgt Ion:228 Resp: 2291261
 Ion Ratio Lower Upper
 228 100
 226 33.8 25.8 38.6
 229 21.8 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

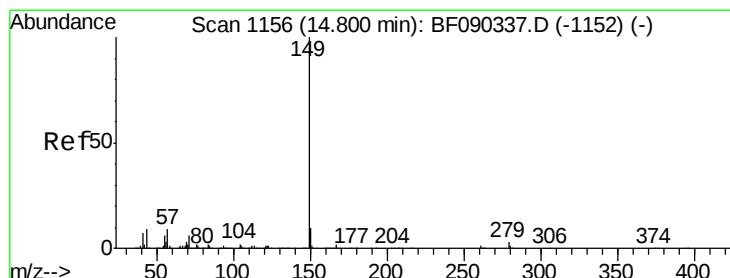
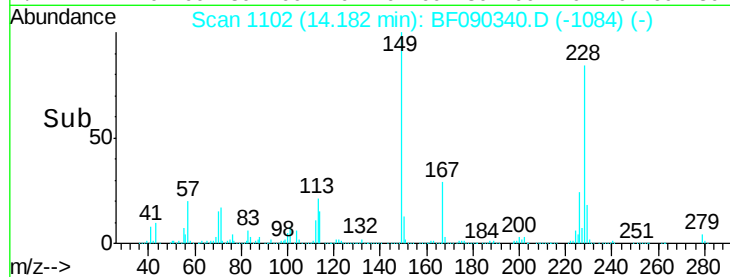
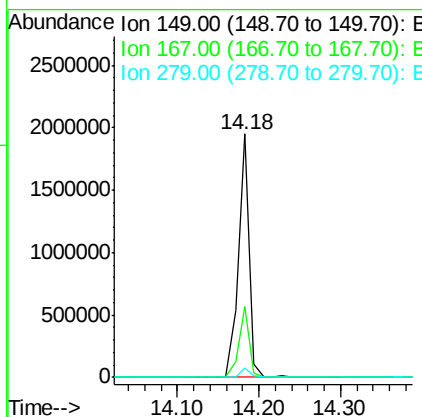
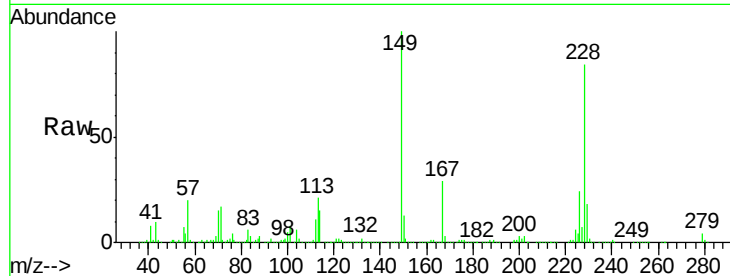




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 80.15 ng
 RT: 14.18 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF090340.D
 Acq: 4 Oct 2016 13:23

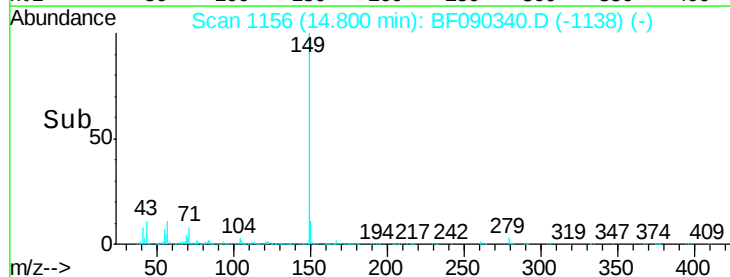
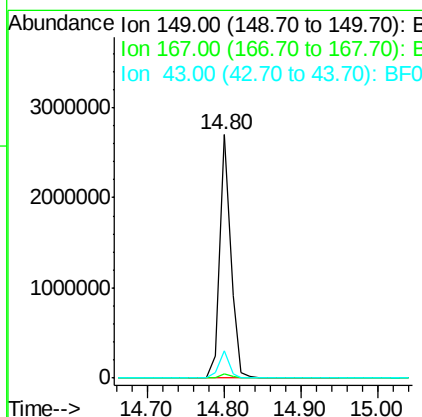
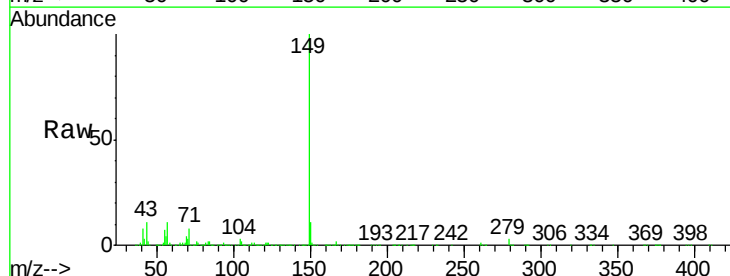
Instrument :
 BNA_F
 ClientSampleId :

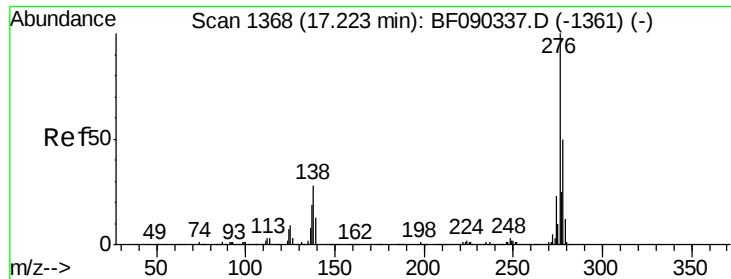
Tot Ion:149 Resp: 1796959
 Ion Ratio Lower Upper
 149 100
 167 29.0 21.5 32.3
 279 3.8 2.6 3.8



#84
 Di-n-octyl phthalate
 Concen: 70.29 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF090340.D
 Acq: 4 Oct 2016 13:23

Tgt Ion:149 Resp: 2714507
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.7 11.8 17.8#





#85

Indeno(1,2,3-cd)pyrene

Concen: 126.50 ng

RT: 17.23 min Scan# 1369

Delta R.T. 0.01 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

Instrument :

BNA_F

ClientSampleId :

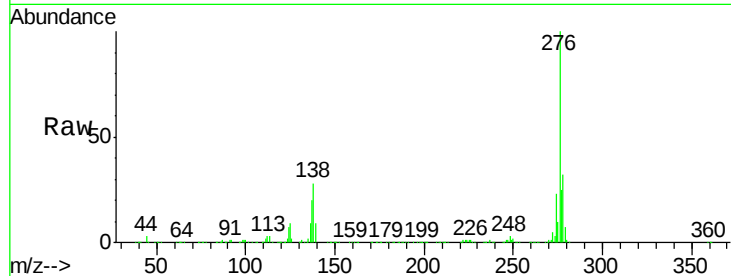
Tot Ion:276 Resp: 2805495

Ion	Ratio	Lower	Upper
276	100		
138	32.2	23.8	35.8
277	25.4	20.4	30.6

276 100

138 32.2 23.8 35.8

277 25.4 20.4 30.6

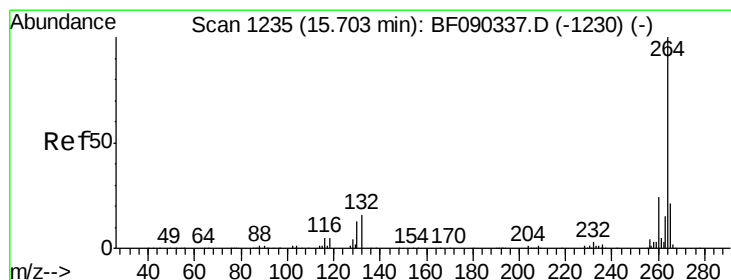
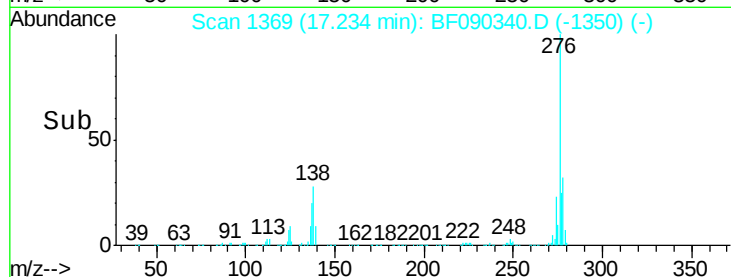
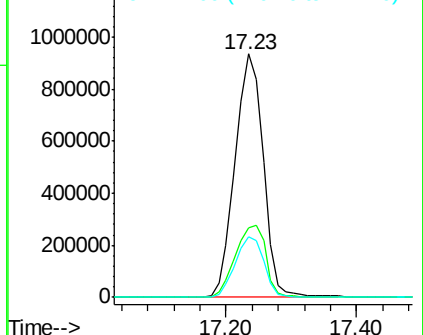


Abundance

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: 15.70 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

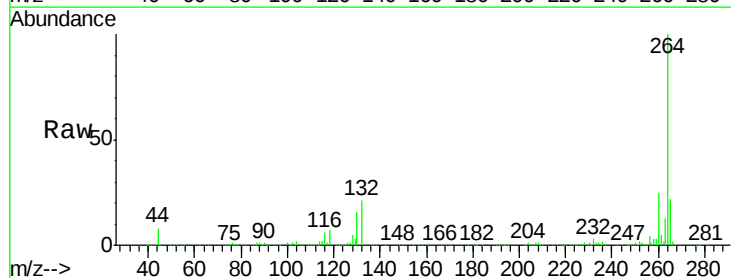
Tgt Ion:264 Resp: 517076

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.3	28.9
265	22.3	17.4	26.0

264 100

260 24.9 19.3 28.9

265 22.3 17.4 26.0

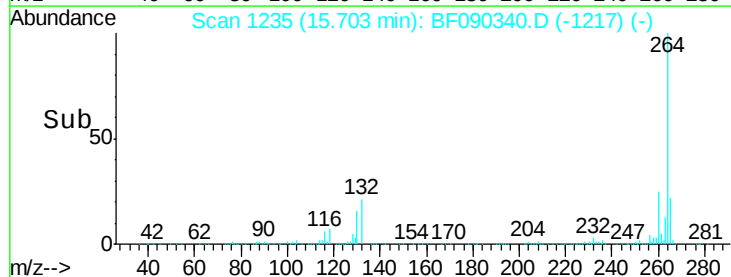
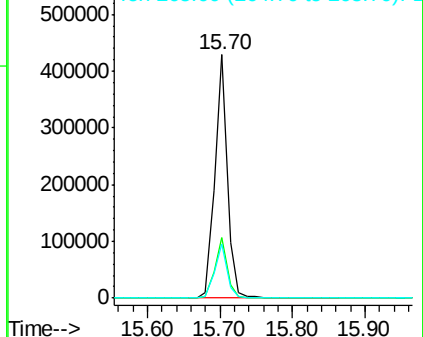


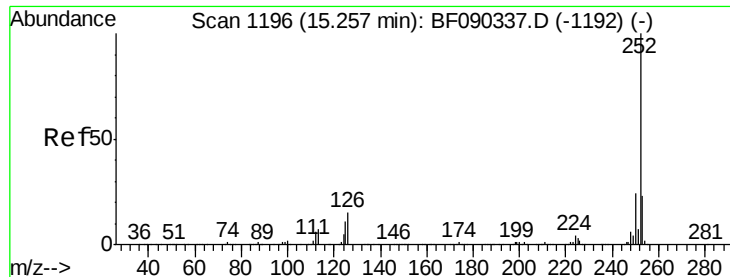
Abundance

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

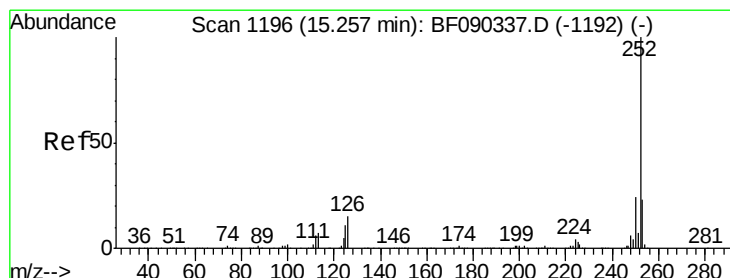
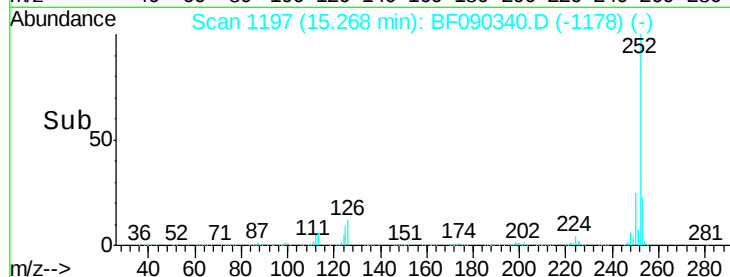
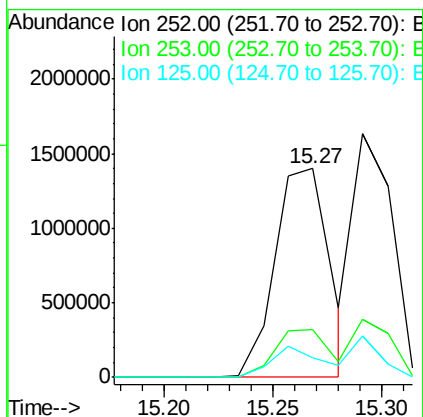
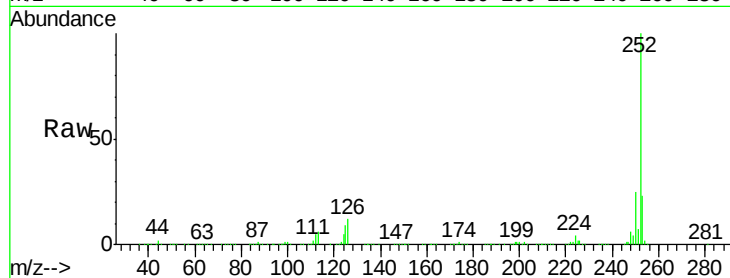




#87
Benzo(b)fluoranthene
Concen: 85.62 ng
RT: 15.27 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

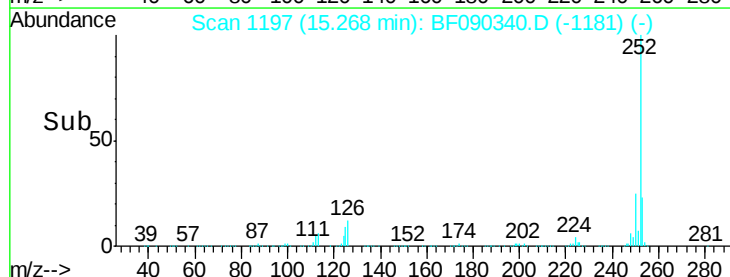
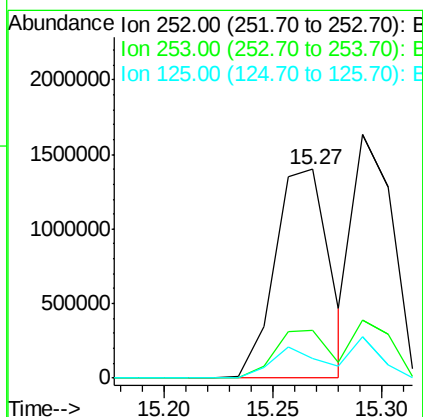
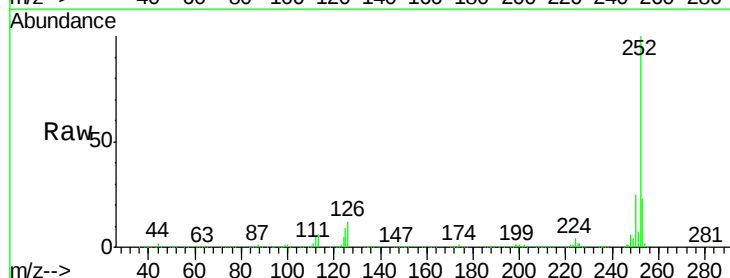
Instrument :
BNA_F
ClientSampleId :

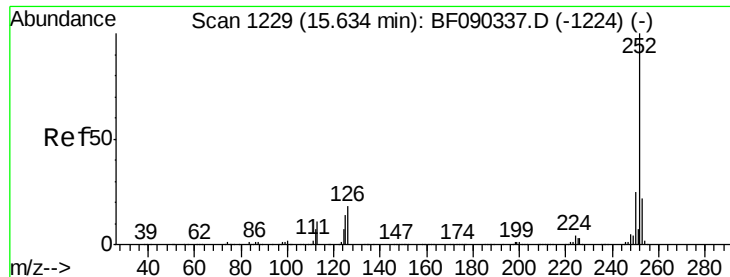
Tot Ion:252 Resp: 2451491
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 9.4 7.0 10.4



#88
Benzo(k)fluoranthene
Concen: 91.23 ng
RT: 15.27 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

Tgt Ion:252 Resp: 2451491
Ion Ratio Lower Upper
252 100
253 23.0 18.6 27.8
125 9.4 11.7 17.5#

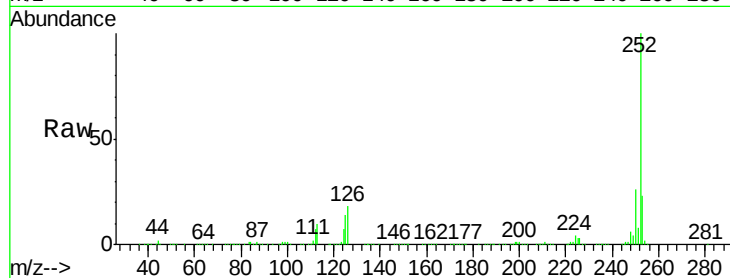




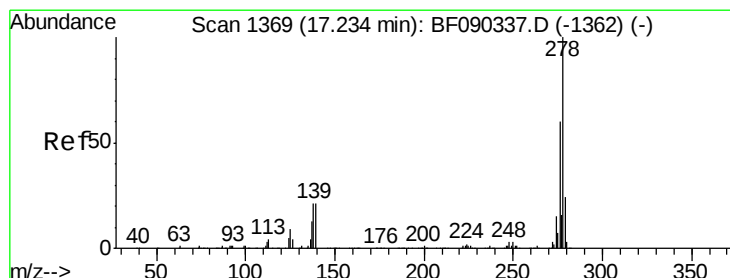
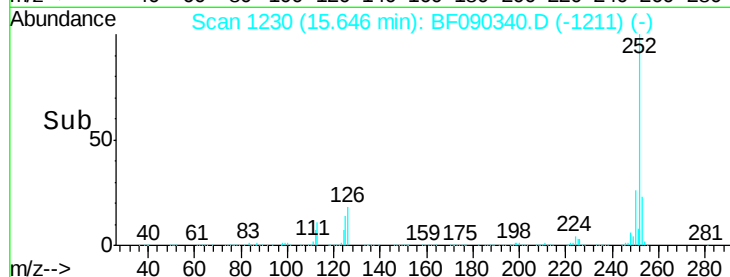
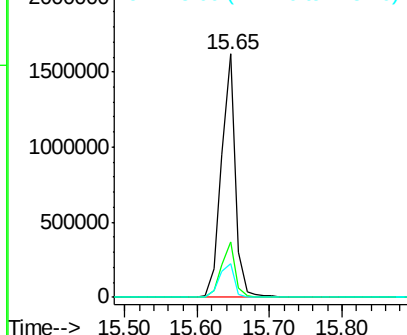
#89
Benzo(a)pyrene
Concen: 80.51 ng
RT: 15.65 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 2168444
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 13.7 9.8 14.8

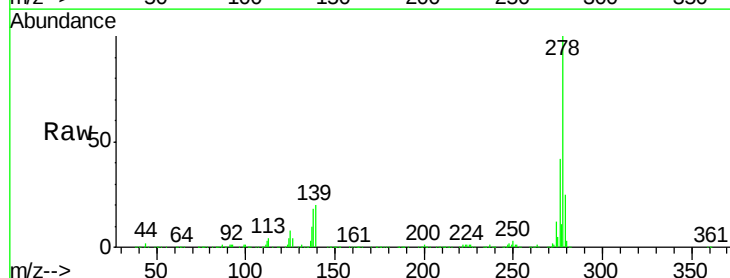


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

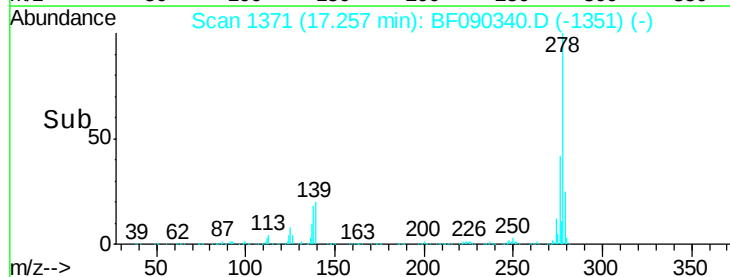
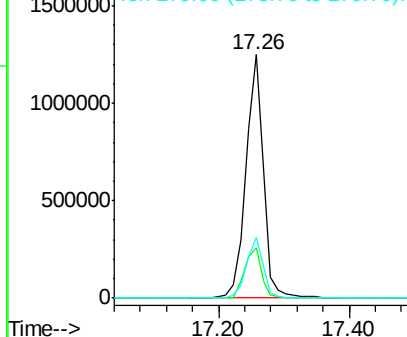


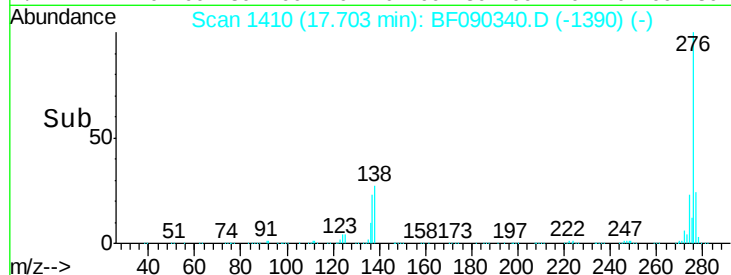
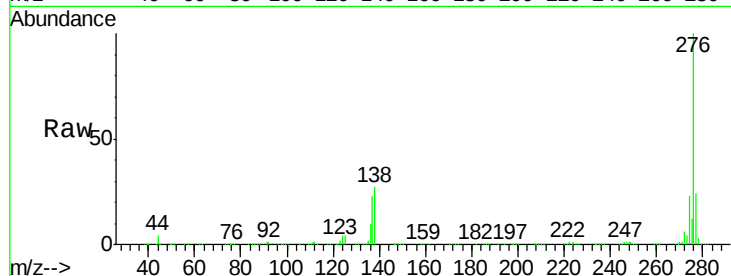
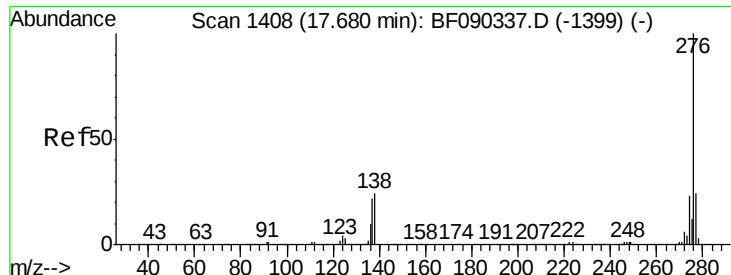
#90
Dibenzo(a,h)anthracene
Concen: 109.82 ng
RT: 17.26 min Scan# 1371
Delta R.T. 0.02 min
Lab File: BF090340.D
Acq: 4 Oct 2016 13:23

Tgt Ion:278 Resp: 2308119
Ion Ratio Lower Upper
278 100
139 20.5 12.8 19.2#
279 24.8 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(a,h,i)perylene

Concen: 109.87 ng

RT: 17.70 min Scan# 1410

Delta R.T. 0.02 min

Lab File: BF090340.D

Acq: 4 Oct 2016 13:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 2260313

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.0

138 26.9 20.8 31.2

