

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
 Data File : BF092645.D
 Acq On : 30 Jan 2017 20:38
 Operator : SJ/MA
 Sample : PB96538BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96538BS

Quant Time: Jan 31 01:03:13 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	161727	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	656326	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	364594	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	606720	20.00	ng	0.00
75) Chrysene-d12	14.13	240	429993	20.00	ng	-0.01
86) Perylene-d12	15.61	264	356677	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	1196767	126.95	ng	0.01
7) Phenol-d6	6.61	99	1658331	136.72	ng	0.01
23) Nitrobenzene-d5	7.53	82	972673	82.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	353154	133.92	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1792859	89.09	ng	0.00
78) Terphenyl-d14	13.08	244	1506316	82.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	217266	42.65	ng	85
3) Pyridine	3.46	79	602300	46.50	ng	86
4) n-Nitrosodimethylamine	3.42	42	312270	51.35	ng	86
6) Aniline	6.62	93	284016	17.17	ng	# 75
8) 2-Chlorophenol	6.75	128	460817	44.31	ng	97
9) Benzaldehyde	6.50	77	166582	19.17	ng	86
10) Phenol	6.62	94	609279	42.93	ng	77
11) bis(2-Chloroethyl)ether	6.69	93	444649	39.26	ng	90
12) 1,3-Dichlorobenzene	6.90	146	490985	40.31	ng	# 94
13) 1,4-Dichlorobenzene	6.98	146	536739	43.54	ng	96
14) 1,2-Dichlorobenzene	6.98	146	536739	45.53	ng	95
15) Benzyl Alcohol	7.10	79	394457	43.93	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	776134	39.44	ng	94
17) 2-Methylphenol	7.23	107	407348	45.66	ng	98
18) Hexachloroethane	7.48	117	179095	42.55	ng	# 86
19) n-Nitroso-di-n-propylamine	7.38	70	324376	42.01	ng	95
20) 3+4-Methylphenols	7.38	107	475762	44.60	ng	# 86
22) Acetophenone	7.38	105	652415	43.54	ng	# 92
24) Nitrobenzene	7.55	77	517645	42.77	ng	95
25) Isophorone	7.79	82	906267	41.26	ng	98
26) 2-Nitrophenol	7.87	139	275298	47.85	ng	87
27) 2,4-Dimethylphenol	7.92	122	460427	45.57	ng	92
28) bis(2-Chloroethoxy)methane	8.00	93	586964	40.35	ng	99
29) 2,4-Dichlorophenol	8.11	162	403613	42.83	ng	89
30) 1,2,4-Trichlorobenzene	8.19	180	418425	41.21	ng	94
31) Naphthalene	8.27	128	1300544	39.09	ng	99
32) Benzoic acid	8.04	122	310504	53.31	ng	96
33) 4-Chloroaniline	8.33	127	135011	10.35	ng	96
34) Hexachlorobutadiene	8.40	225	228167	40.84	ng	98
35) Caprolactam	8.69	113	97714	32.97	ng	# 27
36) 4-Chloro-3-methylphenol	8.82	107	424352	43.20	ng	100
37) 2-Methylnaphthalene	8.97	142	881823	41.28	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	422656	41.30	ng	99
40) Hexachlorocyclopentadiene	9.12	237	393737	85.27	ng	96

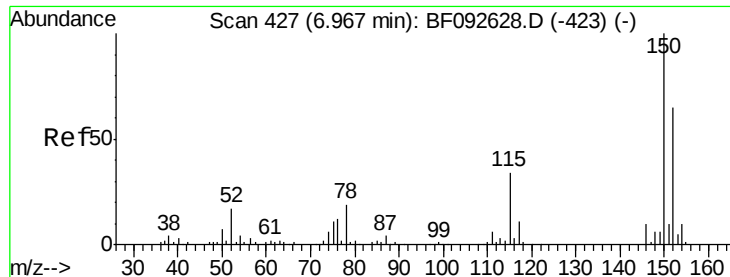
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	314493	46.77	ng	93
43) 2,4,5-Trichlorophenol	9.30	196	288434	39.15	ng	# 83
45) 1,1'-Biphenyl	9.44	154	1203075	45.57	ng	100
46) 2-Chloronaphthalene	9.46	162	876595	42.44	ng	98
47) 2-Nitroaniline	9.56	65	290999	41.91	ng	# 67
48) Acenaphthylene	9.87	152	1383512	38.78	ng	98
49) Dimethylphthalate	9.73	163	1016355	41.39	ng	99
50) 2,6-Dinitrotoluene	9.80	165	248947	46.94	ng	# 86
51) Acenaphthene	10.04	154	913828	42.84	ng	97
52) 3-Nitroaniline	9.96	138	92348	15.22	ng	91
53) 2,4-Dinitrophenol	10.08	184	238789	88.00	ng	# 87
54) Dibenzofuran	10.21	168	1223351	42.88	ng	97
55) 4-Nitrophenol	10.14	139	350085	80.08	ng	93
56) 2,4-Dinitrotoluene	10.20	165	305308	43.24	ng	95
57) Fluorene	10.56	166	893388	40.70	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	245150	49.87	ng	98
59) Diethylphthalate	10.43	149	983815	42.51	ng	100
60) 4-Chlorophenyl-phenylether	10.56	204	442809	41.99	ng	# 76
61) 4-Nitroaniline	10.59	138	256815	41.31	ng	84
62) Azobenzene	10.72	77	1128338	47.19	ng	88
64) 4,6-Dinitro-2-methylphenol	10.61	198	161362	43.93	ng	93
65) n-Nitrosodiphenylamine	10.67	169	781414	40.32	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	269907	42.58	ng	# 75
67) Hexachlorobenzene	11.10	284	248857	39.73	ng	# 81
68) Atrazine	11.20	200	248211	39.91	ng	98
69) Pentachlorophenol	11.31	266	287000	87.97	ng	99
70) Phenanthrene	11.53	178	1486151	42.75	ng	98
71) Anthracene	11.57	178	1315012	37.67	ng	99
72) Carbazole	11.73	167	1348596	40.42	ng	99
73) Di-n-butylphthalate	12.05	149	1520038	42.12	ng	98
74) Fluoranthene	12.70	202	1422407	39.67	ng	97
76) Benzidine	12.83	184	291228	15.89	ng	97
77) Pyrene	12.95	202	1480810	46.02	ng	99
79) Butylbenzylphthalate	13.55	149	634566	48.56	ng	97
80) Benzo(a)anthracene	14.12	228	1155758	43.95	ng	100
81) 3,3'-Dichlorobenzidine	14.09	252	248840	26.54	ng	# 96
82) Chrysene	14.17	228	1128923	45.85	ng	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	898995	50.30	ng	# 97
84) Di-n-octyl phthalate	14.73	149	1483538	50.98	ng	99
85) Indeno(1,2,3-cd)pyrene	17.08	276	855789	44.87	ng	95
87) Benzo(b)fluoranthene	15.17	252	1095979	46.68	ng	98
88) Benzo(k)fluoranthene	15.17	252	1095979	54.07	ng	97
89) Benzo(a)pyrene	15.55	252	864862	42.59	ng	# 95
90) Dibenzo(a,h)anthracene	17.11	278	713855	43.49	ng	98
91) Benzo(g,h,i)perylene	17.53	276	727660	43.89	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF092645.D

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PB96538BS

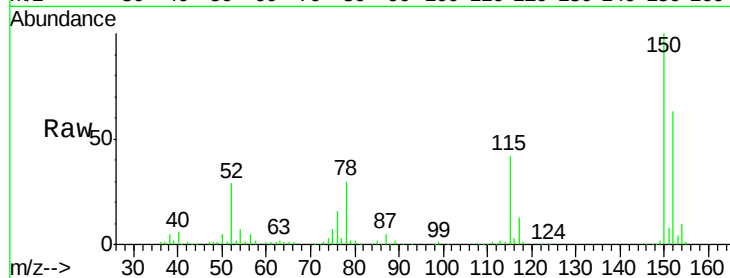
Tgt Ion:152 Resp: 161727

Ion Ratio Lower Upper

152 100

150 159.8 124.9 187.3

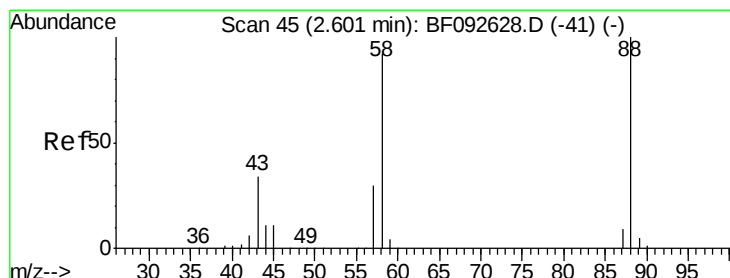
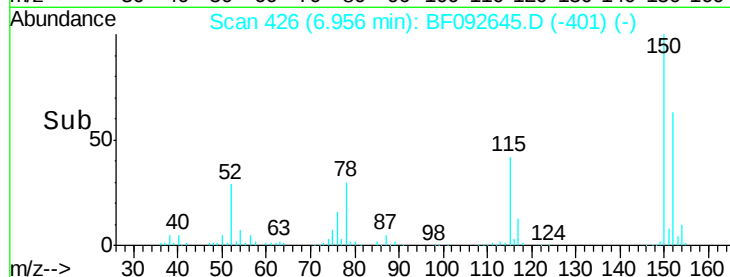
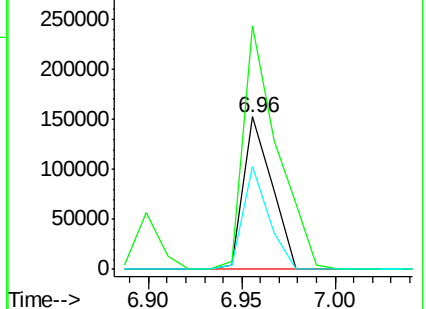
115 67.1 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 42.65 ng

RT: 2.70 min Scan# 54

Delta R.T. 0.10 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

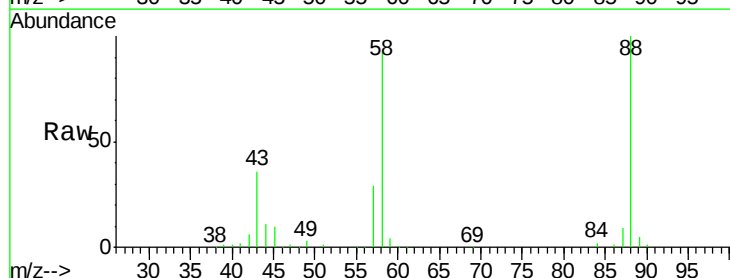
Tgt Ion: 88 Resp: 217266

Ion Ratio Lower Upper

88 100

58 86.7 57.8 86.8

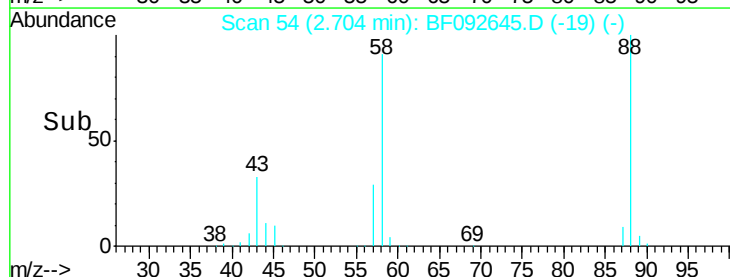
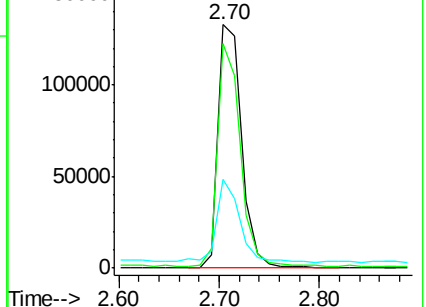
43 33.3 22.3 33.5

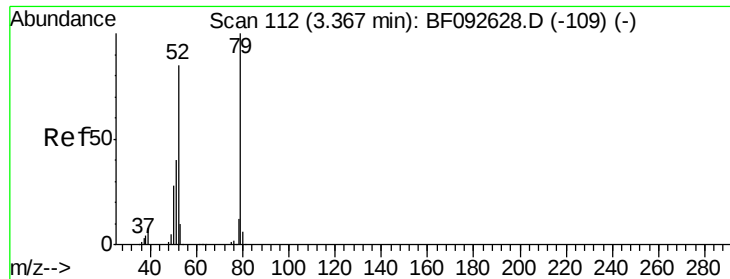


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

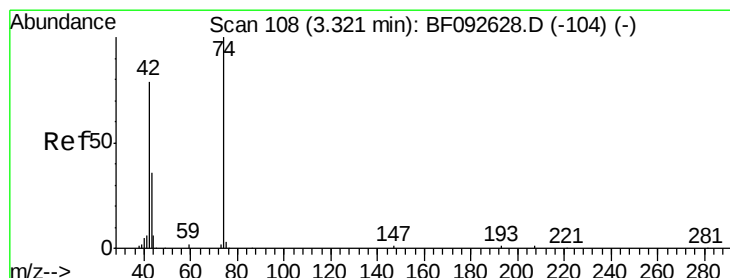
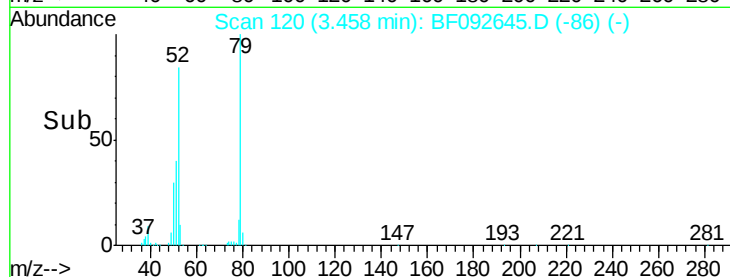
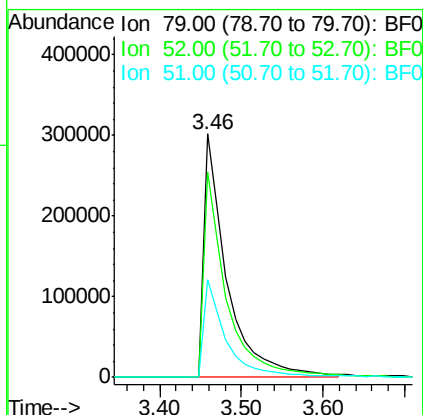
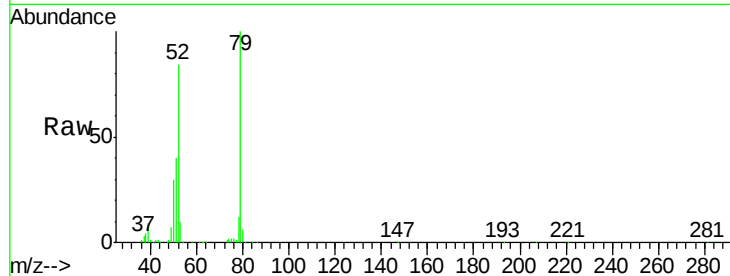




#3
 Pyridine
 Concen: 46.50 ng
 RT: 3.46 min Scan# 120
 Delta R.T. 0.09 min
 Lab File: BF092645.D
 Acq: 30 Jan 2017 20:38

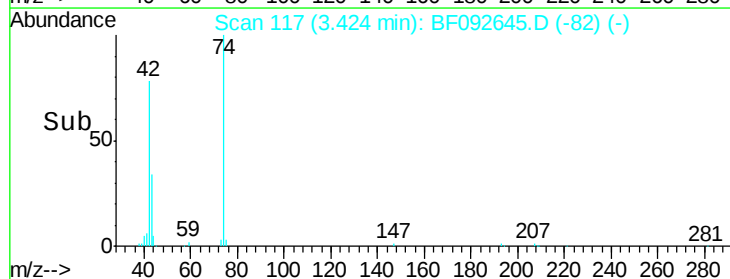
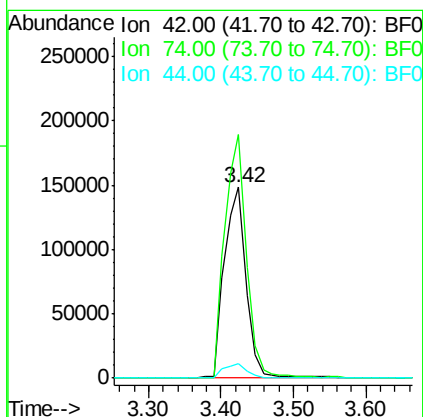
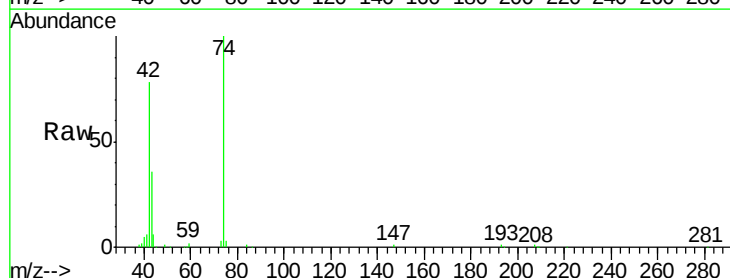
Instrument :
 BNA_F
 ClientSampleId :
 PB96538BS

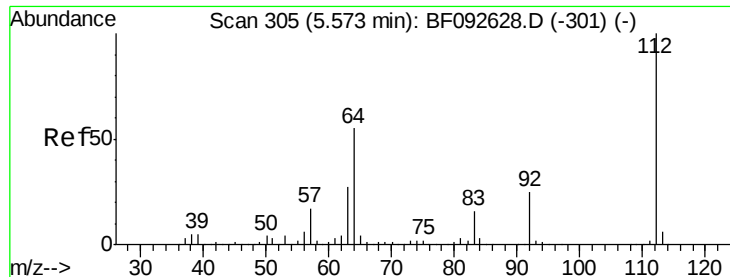
Tgt Ion: 79 Resp: 602300
 Ion Ratio Lower Upper
 79 100
 52 84.4 57.1 85.7
 51 40.2 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 51.35 ng
 RT: 3.42 min Scan# 117
 Delta R.T. 0.10 min
 Lab File: BF092645.D
 Acq: 30 Jan 2017 20:38

Tgt Ion: 42 Resp: 312270
 Ion Ratio Lower Upper
 42 100
 74 127.5 117.0 175.4
 44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 126.95 ng

RT: 5.58 min Scan# 306

Delta R.T. 0.01 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

Instrument :

BNA_F

ClientSampleId :

PB96538BS

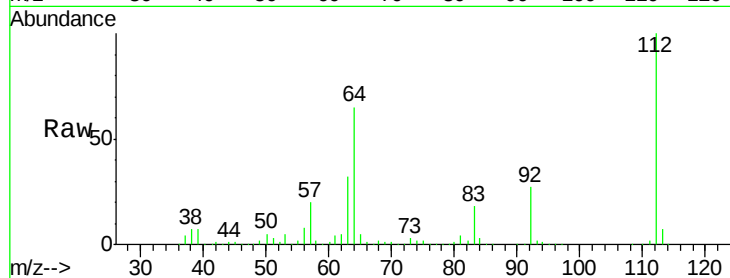
Tgt Ion: 112 Resp: 1196767

Ion Ratio Lower Upper

112 100

64 64.6 46.1 69.1

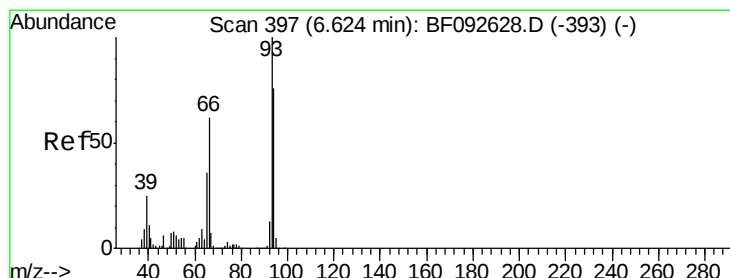
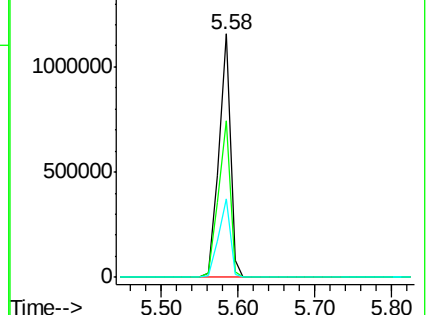
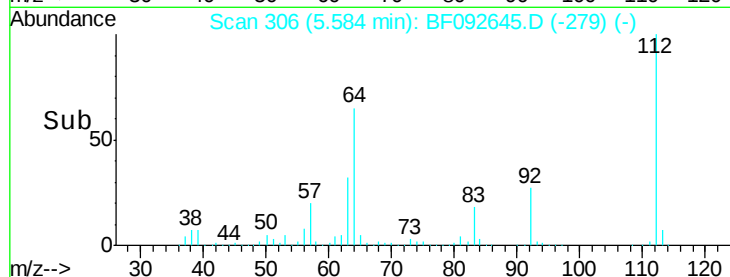
63 32.2 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.17 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

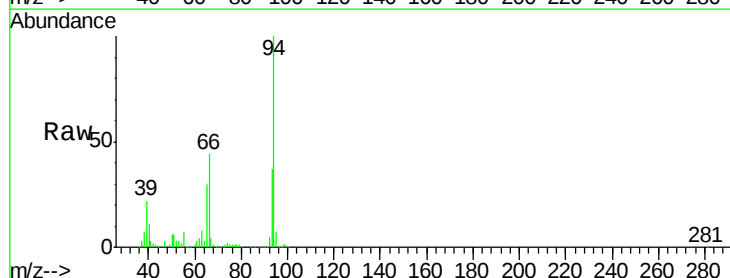
Tgt Ion: 93 Resp: 284016

Ion Ratio Lower Upper

93 100

66 119.2 76.2 114.2#

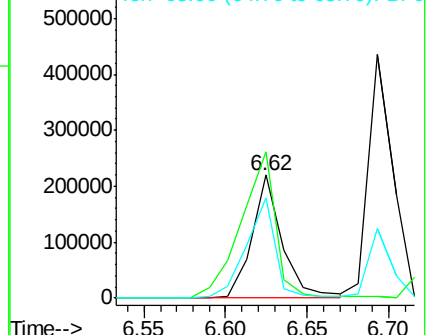
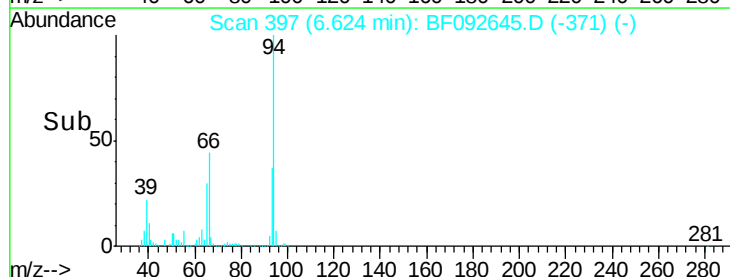
65 81.0 49.3 73.9#

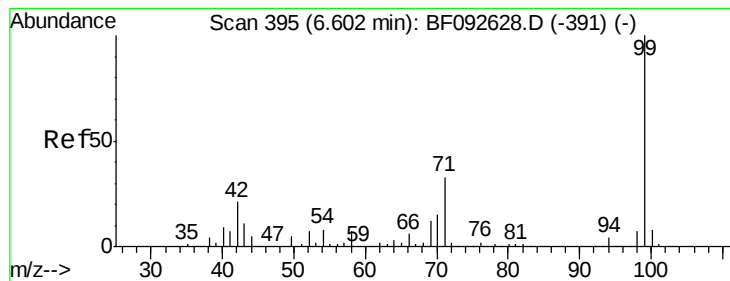


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 136.72 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF092645.D

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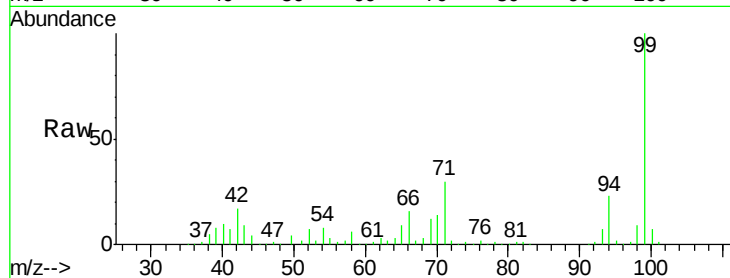
Tgt Ion: 99 Resp: 1658331

Ion Ratio Lower Upper

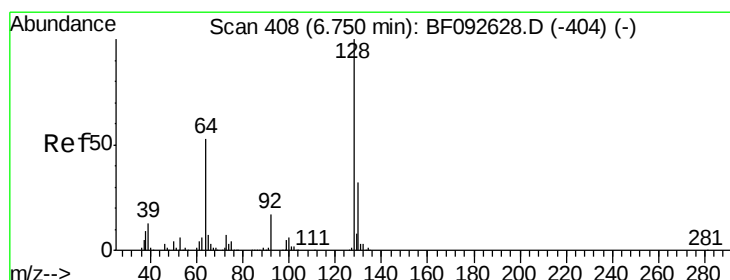
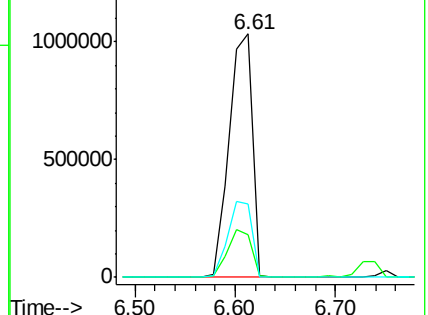
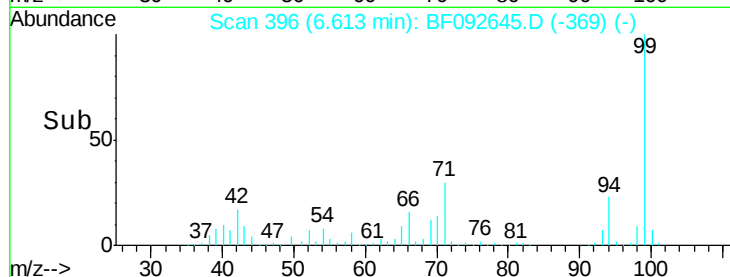
99 100

42 17.3 15.6 23.4

71 30.4 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.31 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

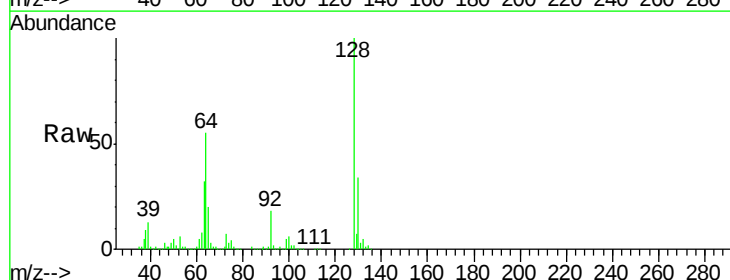
Tgt Ion: 128 Resp: 460817

Ion Ratio Lower Upper

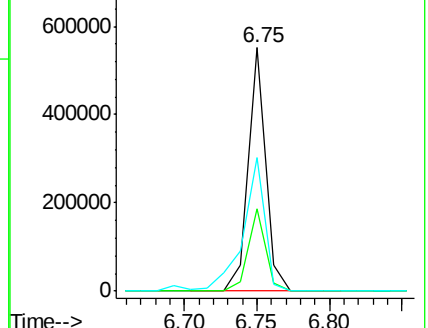
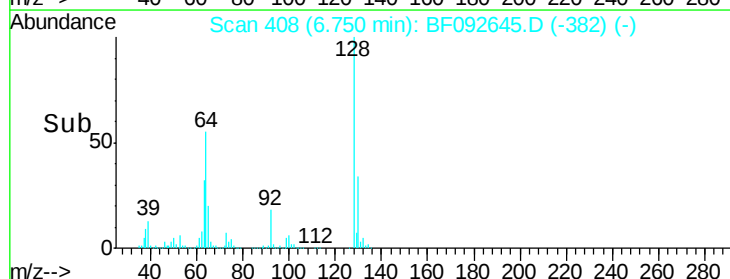
128 100

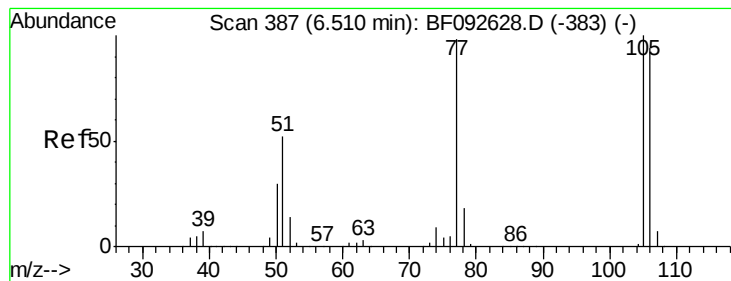
130 33.6 12.3 52.3

64 54.8 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.17 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092645.D

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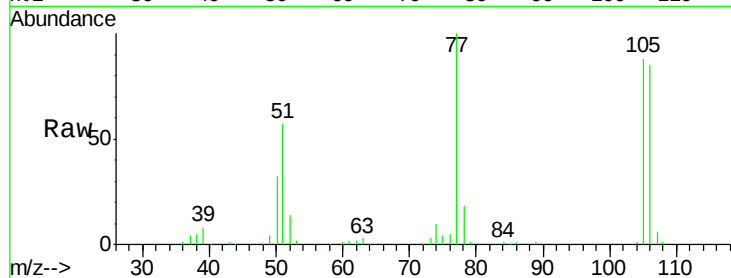
Tgt Ion: 77 Resp: 166582

Ion Ratio Lower Upper

77 100

105 87.6 83.9 123.9

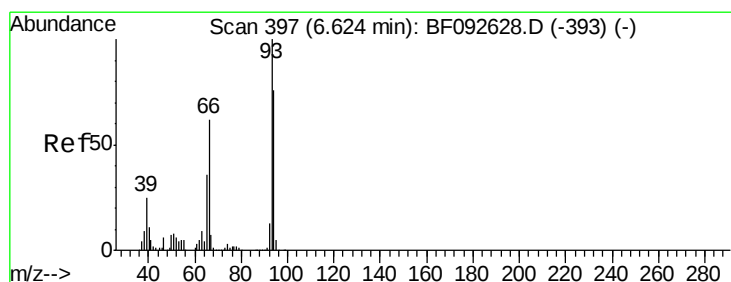
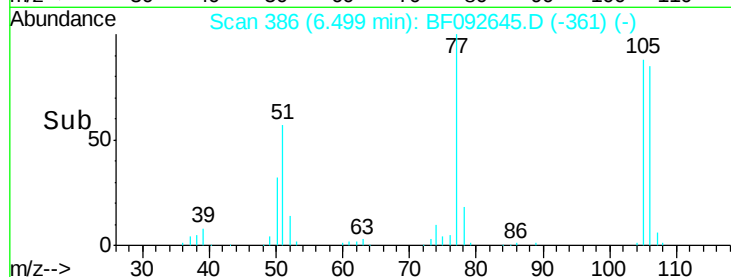
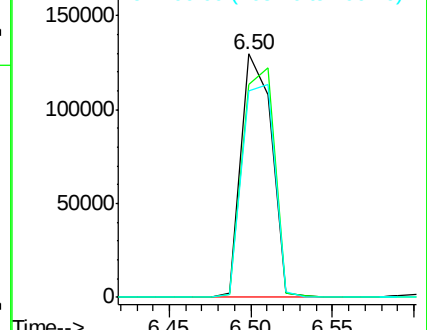
106 85.0 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.93 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

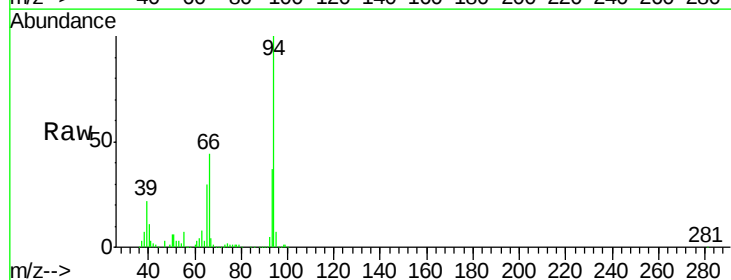
Tgt Ion: 94 Resp: 609279

Ion Ratio Lower Upper

94 100

65 30.0 21.4 61.4

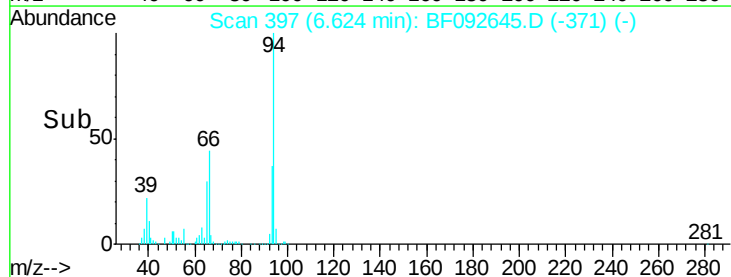
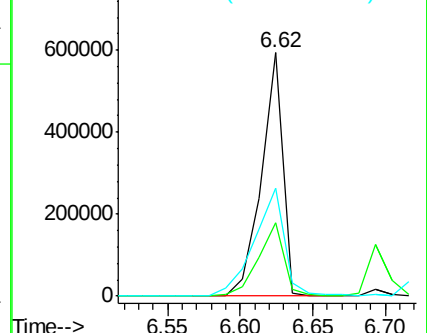
66 44.2 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

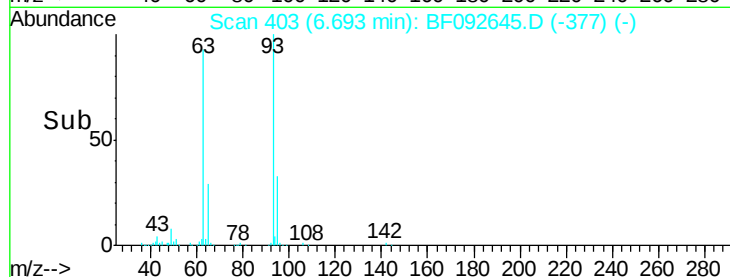
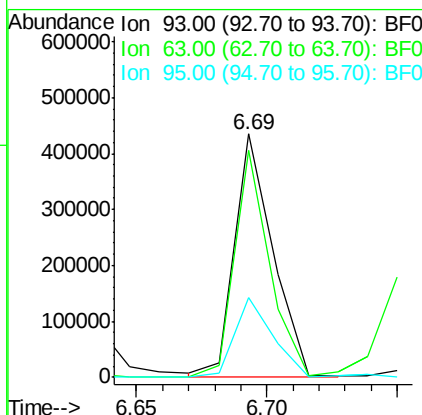
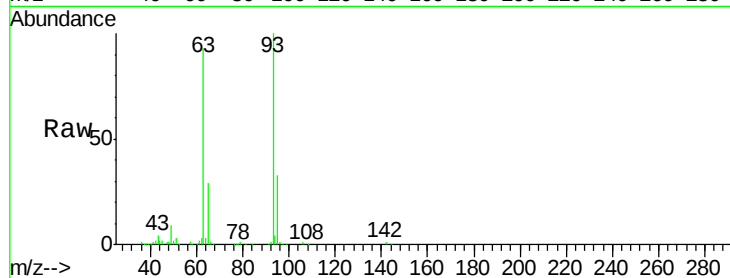




#11
bis(2-Chloroethyl)ether
Concen: 39.26 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF092645.D
Acq: 30 Jan 2017 20:38

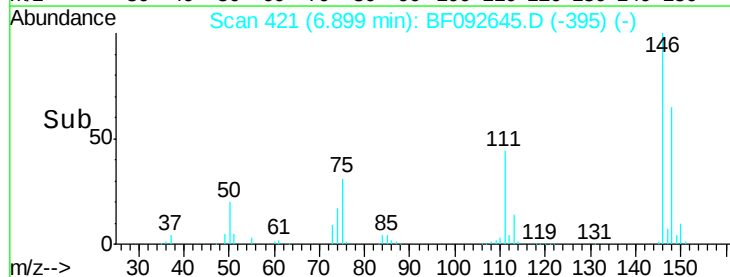
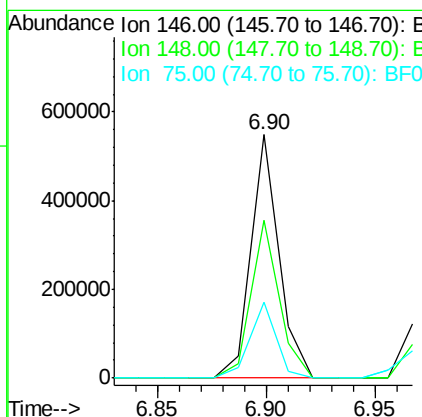
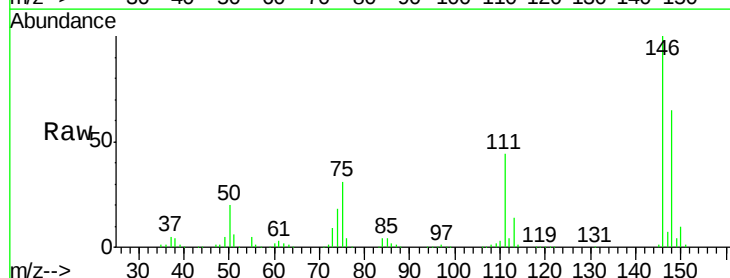
Instrument :
BNA_F
ClientSampleId :
PB96538BS

Tgt Ion:	93	Resp:	444649
Ion	Ratio	Lower	Upper
93	100		
63	93.0	60.4	100.4
95	32.9	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 40.31 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF092645.D
Acq: 30 Jan 2017 20:38

Tgt Ion:	146	Resp:	490985
Ion	Ratio	Lower	Upper
146	100		
148	65.1	53.4	80.0
75	31.4	18.5	27.7#

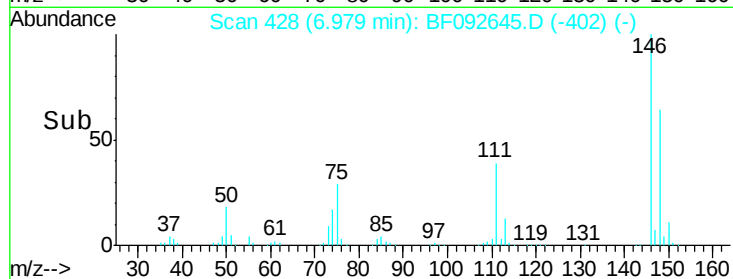
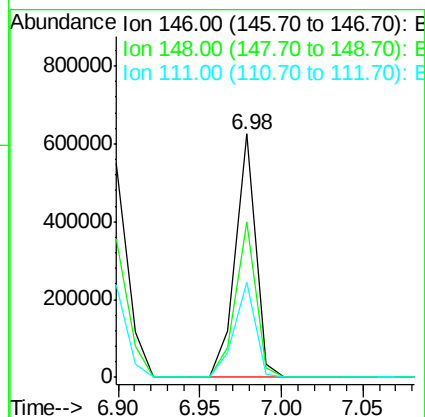
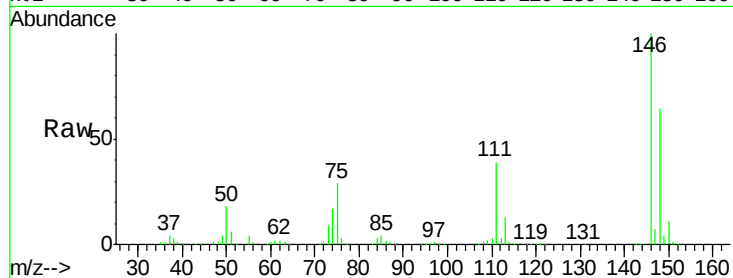




#13
 1,4-Dichlorobenzene
 Concen: 43.54 ng
 RT: 6.98 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF092645.D
 Acq: 30 Jan 2017 20:38

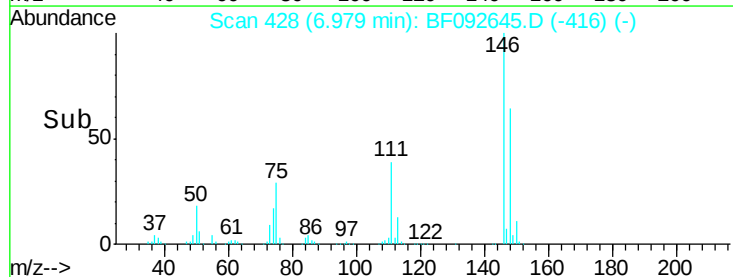
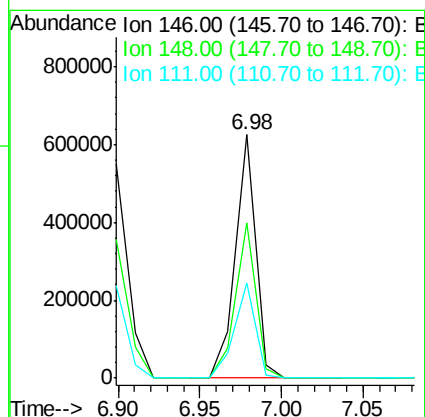
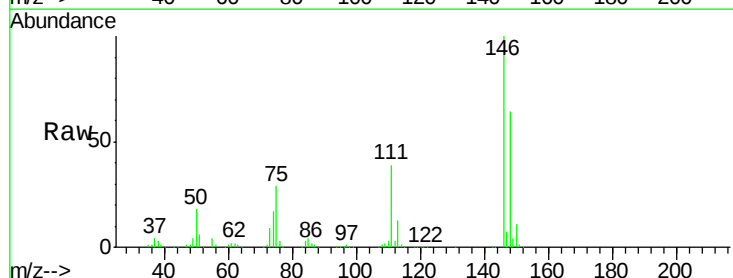
Instrument :
 BNA_F
 ClientSampleId :
 PB96538BS

Tgt Ion:146 Resp: 536739
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 76.0
 111 39.3 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 45.53 ng
 RT: 6.98 min Scan# 428
 Delta R.T. -0.16 min
 Lab File: BF092645.D
 Acq: 30 Jan 2017 20:38

Tgt Ion:146 Resp: 536739
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.2 78.2
 111 39.3 36.2 54.2





#15

Benzyl Alcohol

Concen: 43.93 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

Instrument :

BNA_F

ClientSampled :

PB96538BS

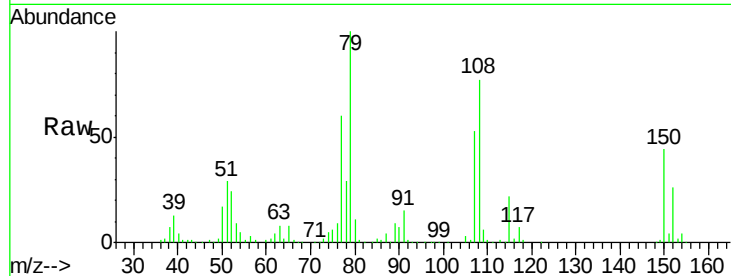
Tgt Ion: 79 Resp: 394457

Ion Ratio Lower Upper

79 100

108 76.5 61.4 92.0

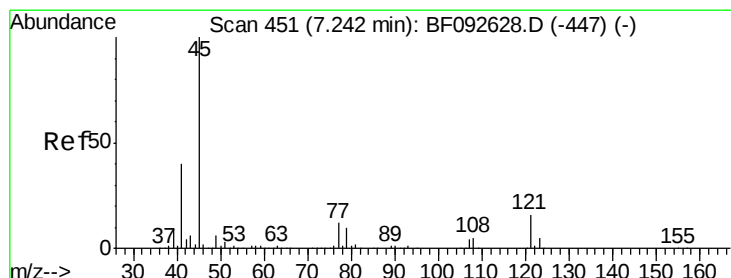
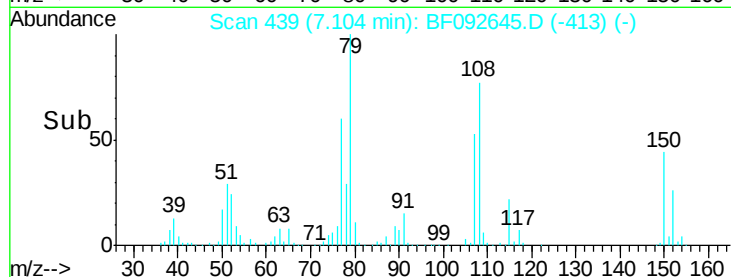
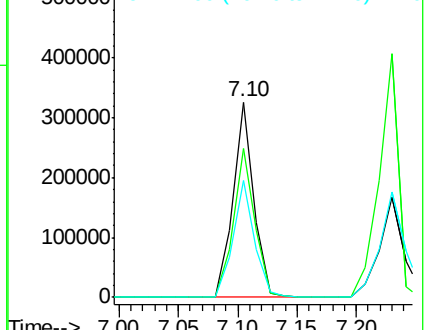
77 60.1 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.44 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

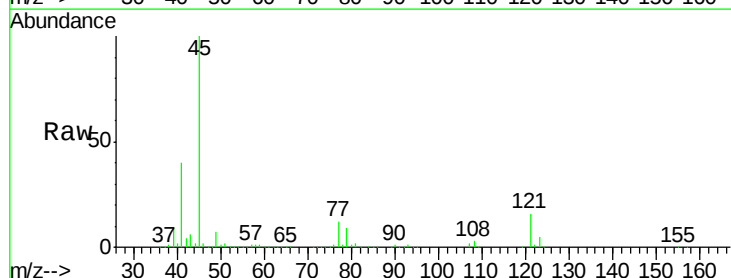
Tgt Ion: 45 Resp: 776134

Ion Ratio Lower Upper

45 100

77 11.7 0.0 34.6

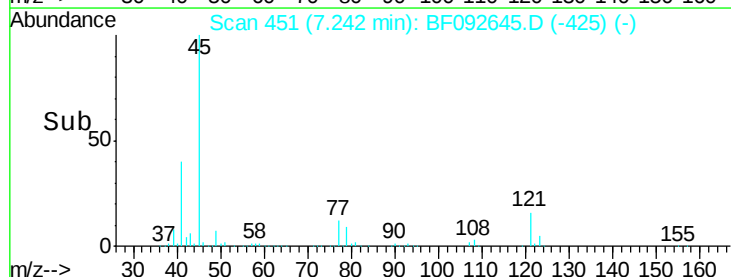
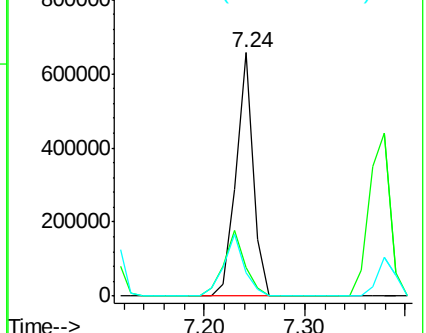
79 9.4 0.0 31.2



Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

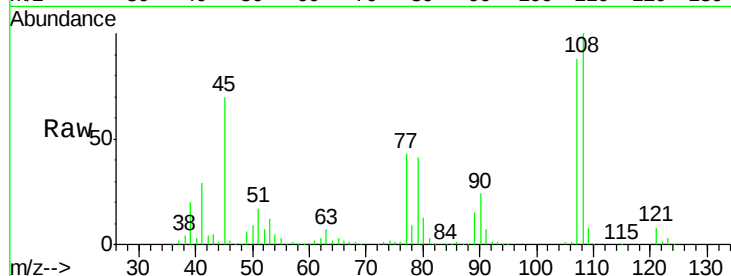




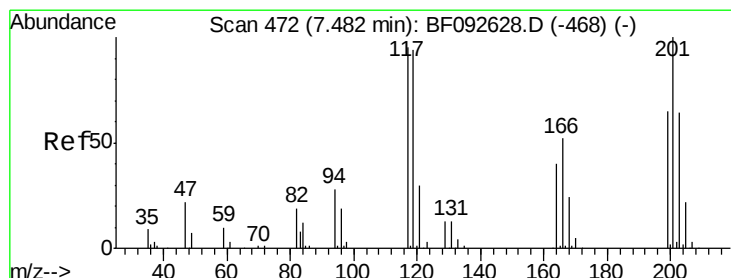
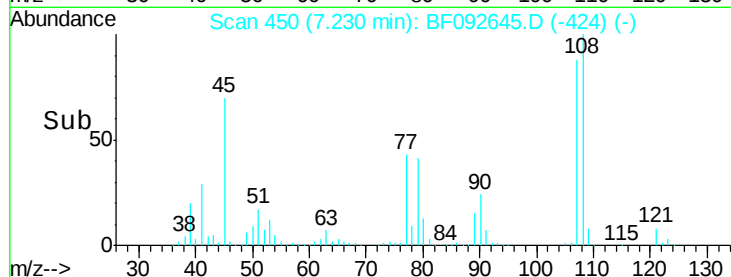
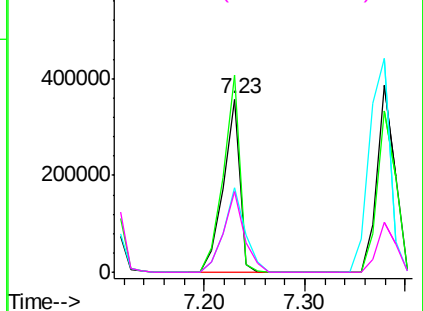
#17
2-Methylphenol
Concen: 45.66 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF092645.D
Acq: 30 Jan 2017 20:38

Instrument :
BNA_F
ClientSampleId :
PB96538BS

Tgt Ion:	107	Resp:	407348
Ion	Ratio	Lower	Upper
107	100		
108	113.8	93.0	139.6
77	49.2	39.8	59.8
79	46.8	38.0	57.0

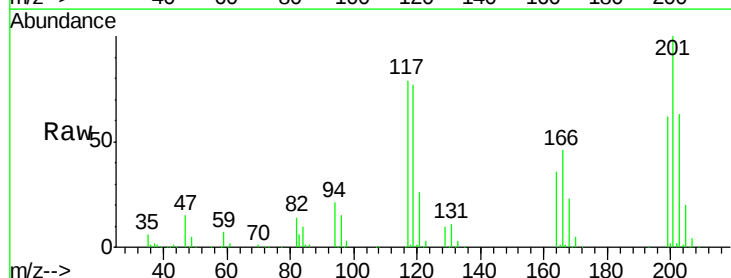


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

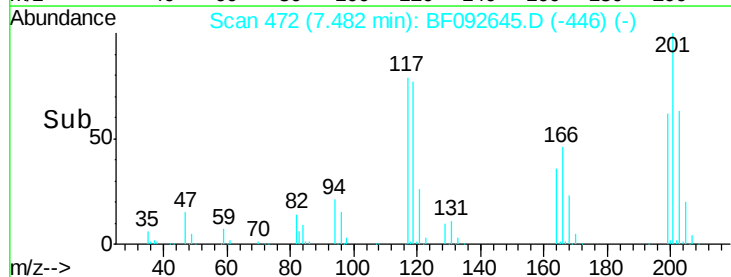
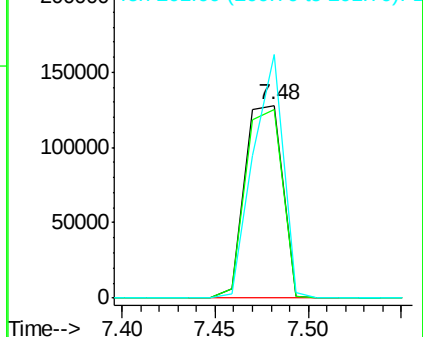


#18
Hexachloroethane
Concen: 42.55 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF092645.D
Acq: 30 Jan 2017 20:38

Tgt Ion:	117	Resp:	179095
Ion	Ratio	Lower	Upper
117	100		
119	97.5	78.1	117.1
201	126.2	78.6	117.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

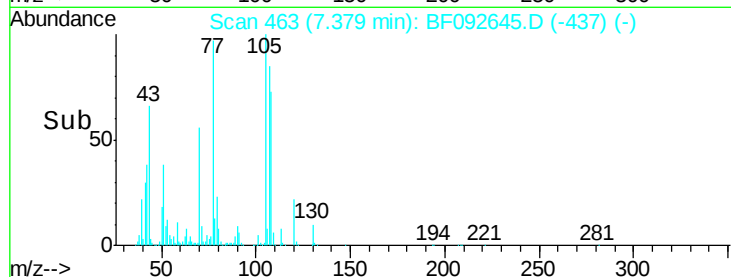
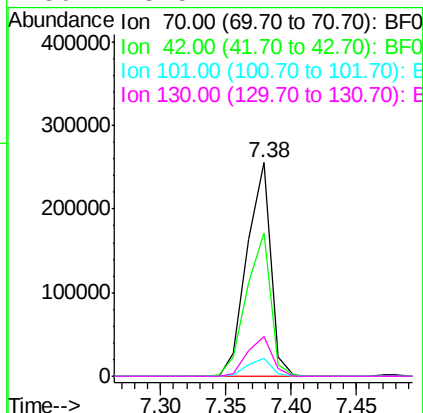
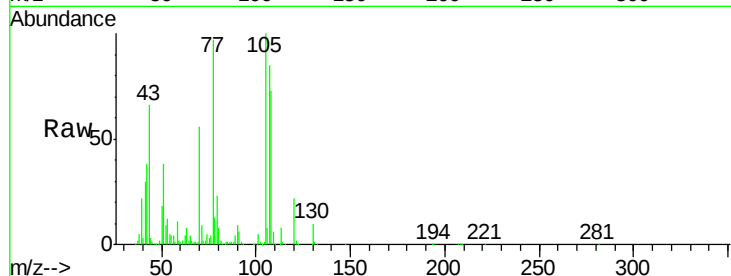




#19
n-Nitroso-di-n-propylamine
Concen: 42.01 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092645.D
Acq: 30 Jan 2017 20:38

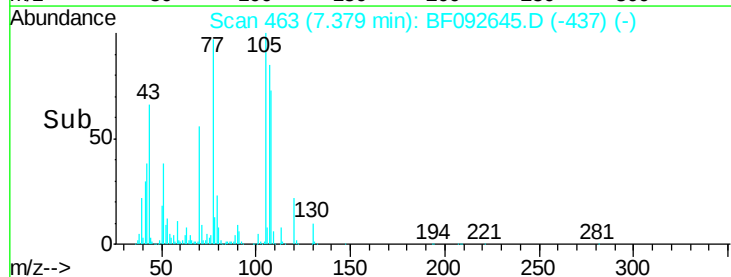
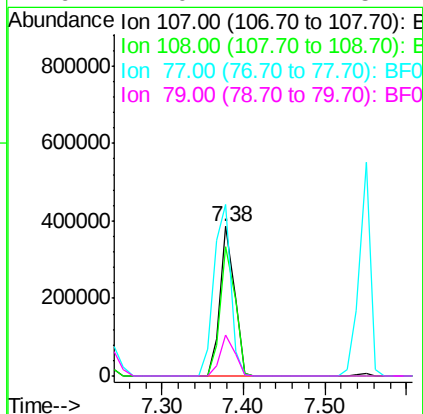
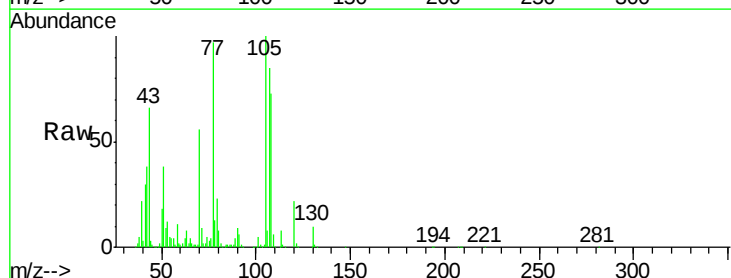
Instrument :
BNA_F
ClientSampleId :
PB96538BS

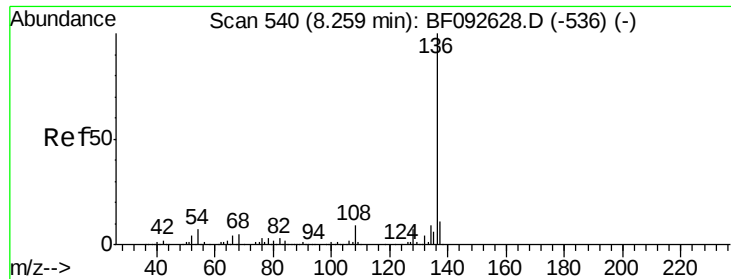
Tgt Ion:	70	Resp:	324376
Ion	Ratio	Lower	Upper
70	100		
42	66.9	49.4	74.0
101	8.7	7.4	11.2
130	18.5	14.2	21.4



#20
3+4-Methylphenols
Concen: 44.60 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092645.D
Acq: 30 Jan 2017 20:38

Tgt Ion:	107	Resp:	475762
Ion	Ratio	Lower	Upper
107	100		
108	86.3	73.0	113.0
77	114.4	71.3	111.3#
79	27.0	11.1	51.1

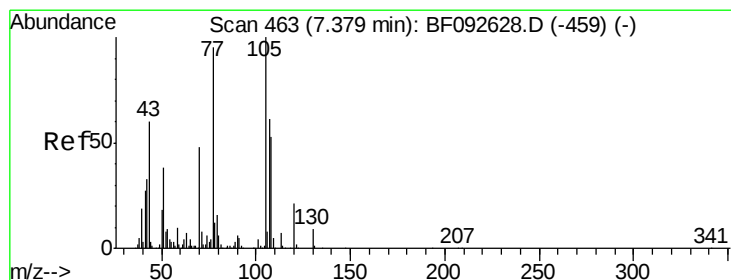
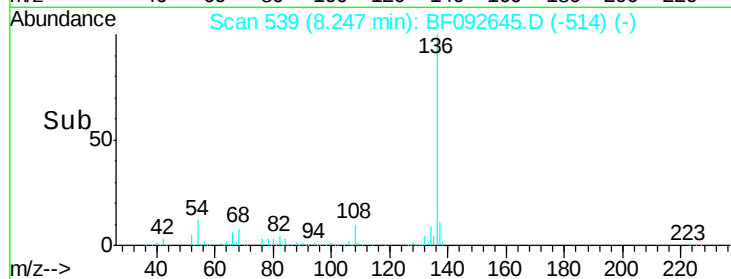
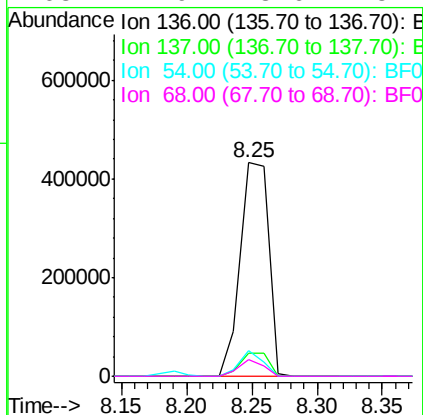
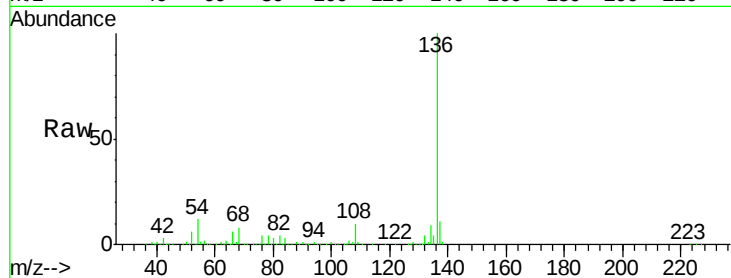




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF092645.D
Acq: 30 Jan 2017 20:38

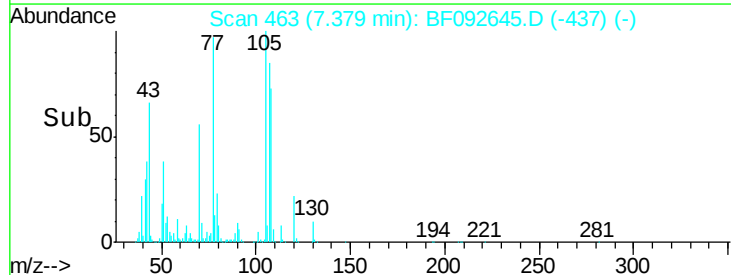
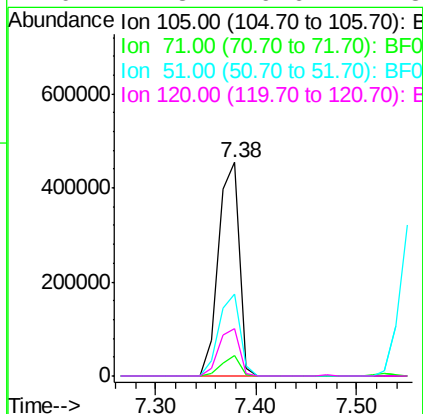
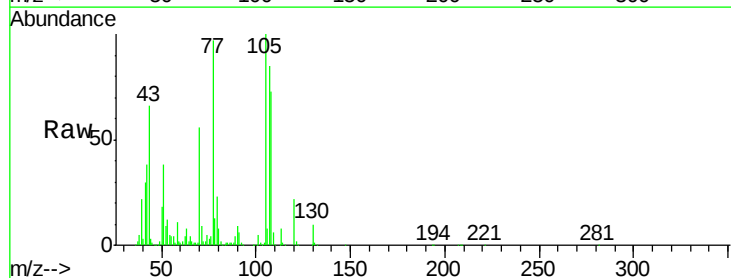
Instrument :
BNA_F
ClientSampleId :
PB96538BS

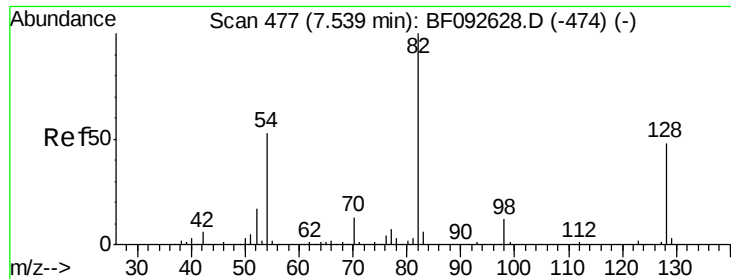
Tgt Ion:	136	Resp:	656326
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	11.7	4.5	6.7#
68	7.9	3.6	5.4#



#22
Acetophenone
Concen: 43.54 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092645.D
Acq: 30 Jan 2017 20:38

Tgt Ion:	105	Resp:	652415
Ion	Ratio	Lower	Upper
105	100		
71	9.4	3.2	4.8#
51	38.2	26.2	39.4
120	22.3	16.6	24.8

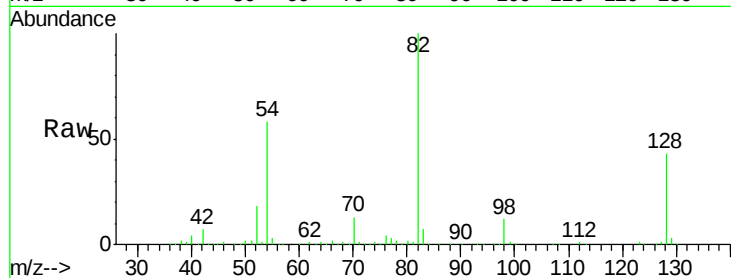




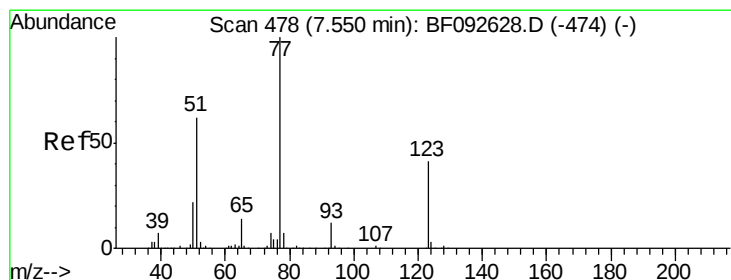
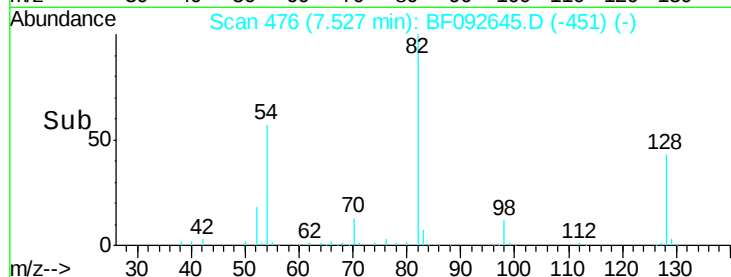
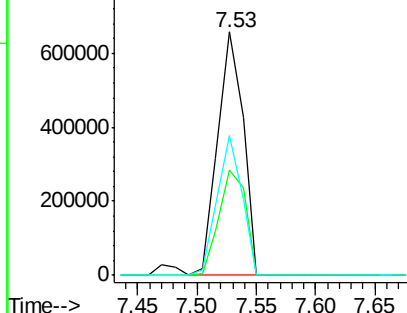
#23
Nitrobenzene-d5
Concen: 82.53 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092645.D
Acq: 30 Jan 2017 20:38

Instrument :
BNA_F
ClientSampleId :
PB96538BS

Tgt Ion: 82 Resp: 972673
Ion Ratio Lower Upper
82 100
128 43.2 34.6 52.0
54 57.5 39.5 59.3

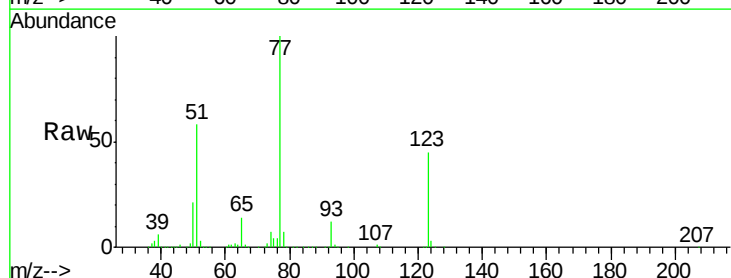


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

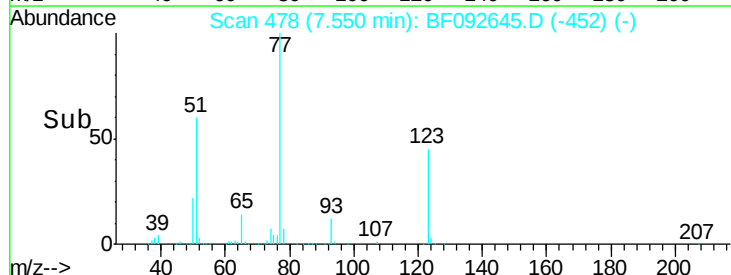
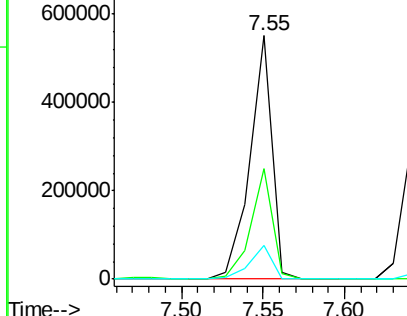


#24
Nitrobenzene
Concen: 42.77 ng
RT: 7.55 min Scan# 478
Delta R.T. -0.00 min
Lab File: BF092645.D
Acq: 30 Jan 2017 20:38

Tgt Ion: 77 Resp: 517645
Ion Ratio Lower Upper
77 100
123 45.4 33.0 49.4
65 13.8 11.2 16.8



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





#25

Isophorone

Concen: 41.26 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

Instrument :

BNA_F

ClientSampleId :

PB96538BS

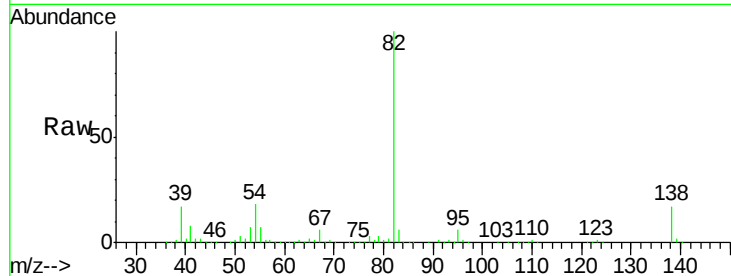
Tgt Ion: 82 Resp: 906267

Ion Ratio Lower Upper

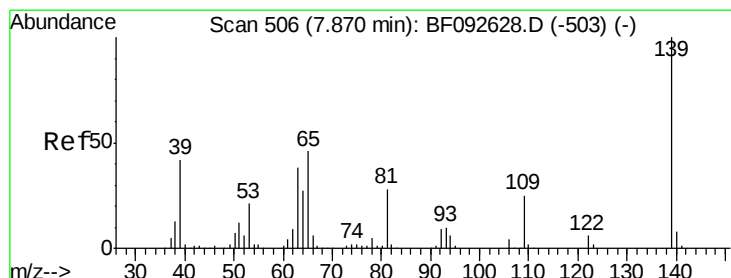
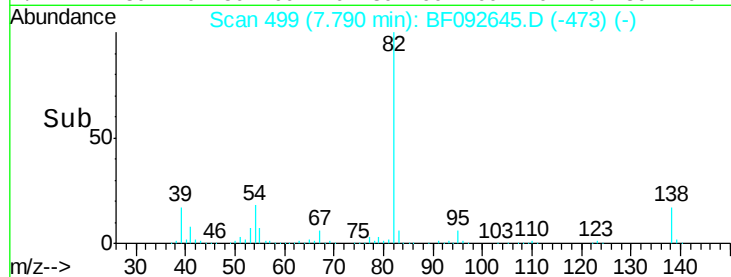
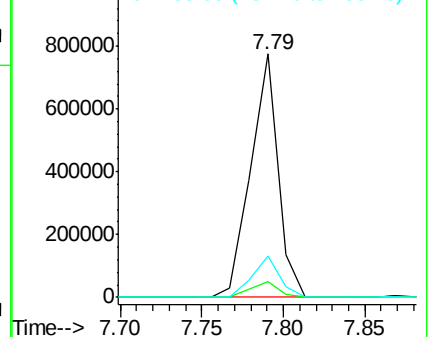
82 100

95 6.5 5.6 8.4

138 17.2 14.6 22.0



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



#26

2-Nitrophenol

Concen: 47.85 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

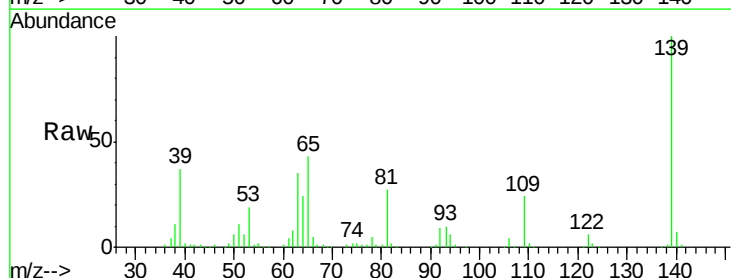
Tgt Ion: 139 Resp: 275298

Ion Ratio Lower Upper

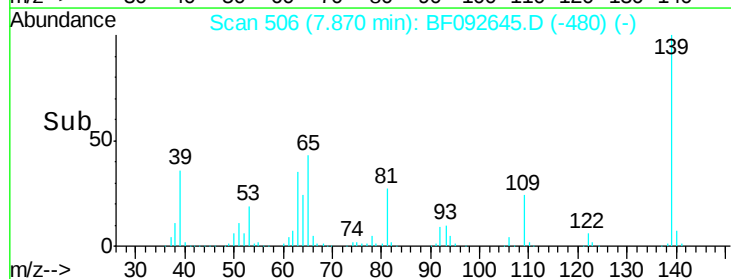
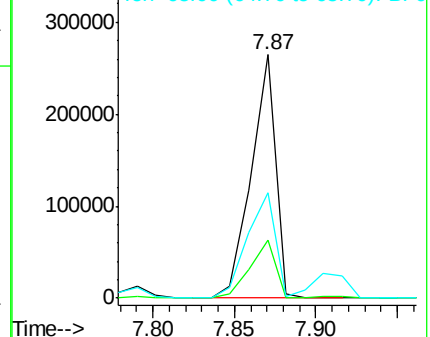
139 100

109 24.1 23.3 34.9

65 43.1 42.7 64.1



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

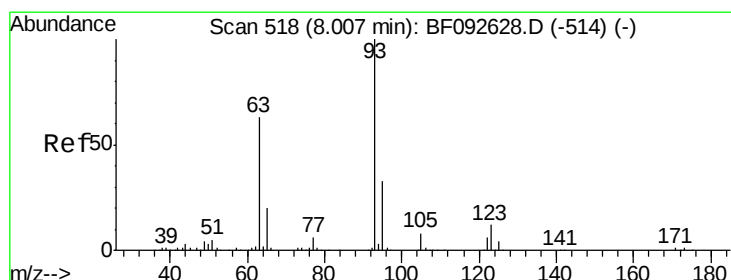
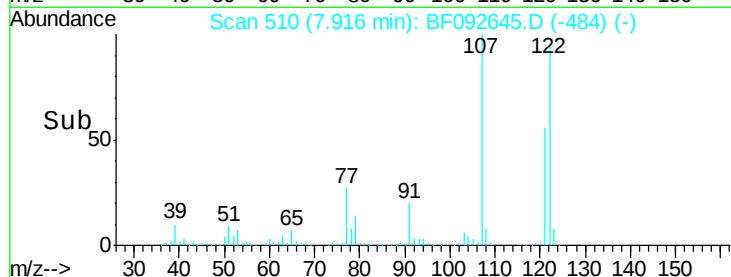
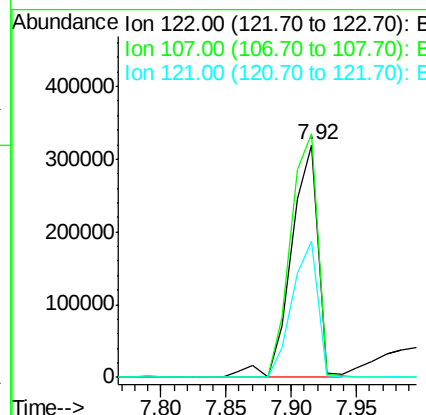
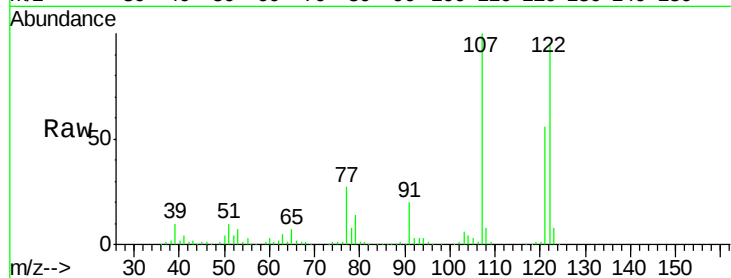




#27
 2,4-Dimethylphenol
 Concen: 45.57 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BF092645.D
 Acq: 30 Jan 2017 20:38

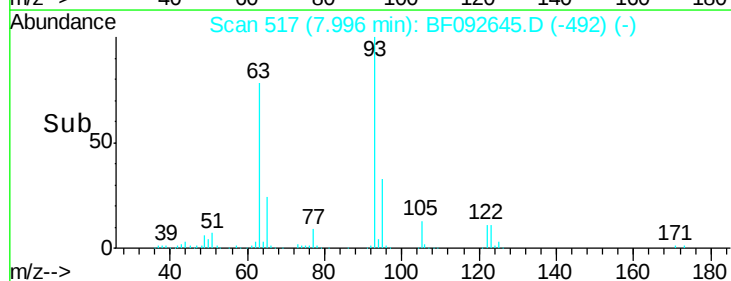
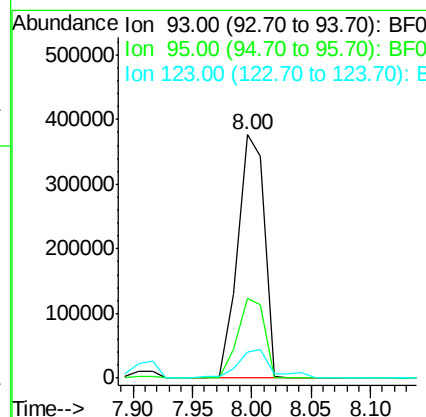
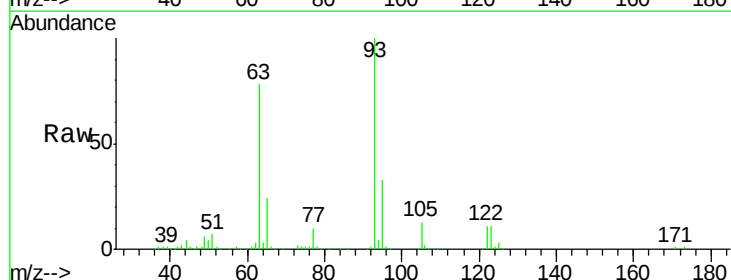
Instrument :
 BNA_F
 ClientSampled :
 PB96538BS

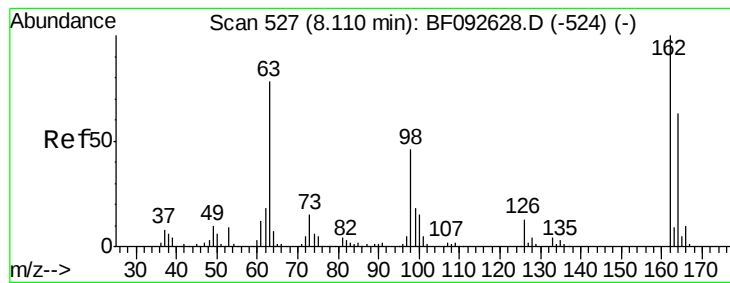
Tgt Ion	Ratio	Lower	Upper
122	100		
107	104.8	94.1	141.1
121	58.6	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.35 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF092645.D
 Acq: 30 Jan 2017 20:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.5	39.7
123	10.8	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 42.83 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

Instrument :

BNA_F

ClientSampleId :

PB96538BS

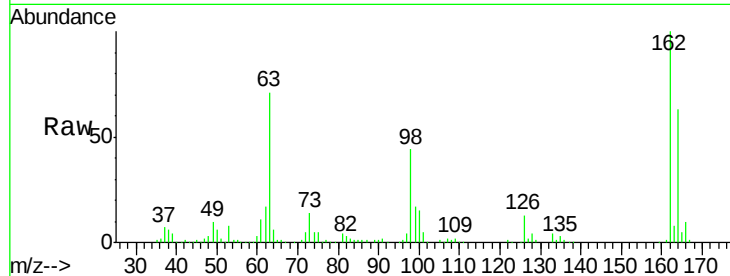
Tgt Ion:162 Resp: 403613

Ion Ratio Lower Upper

162 100

164 63.2 46.8 86.8

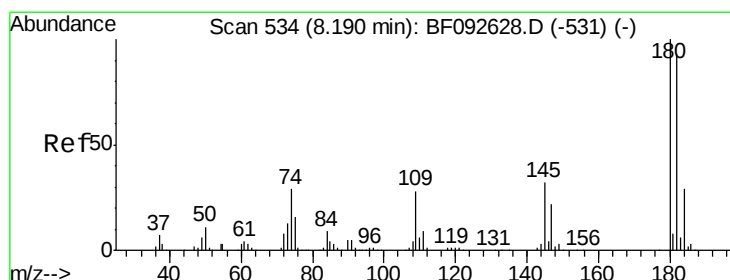
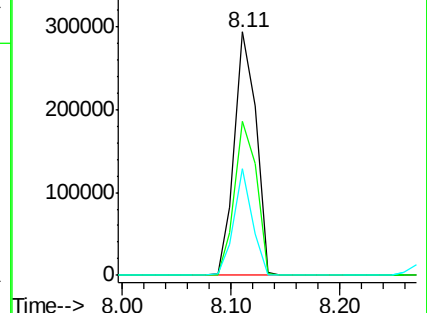
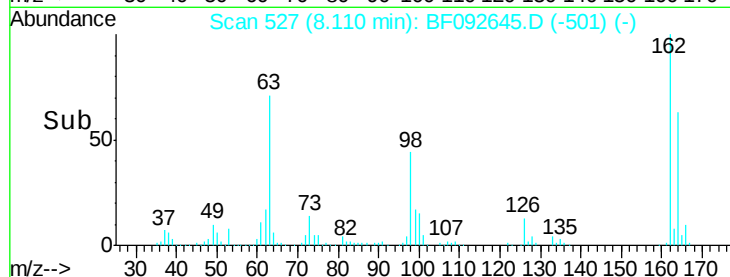
98 43.6 9.1 49.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 41.21 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

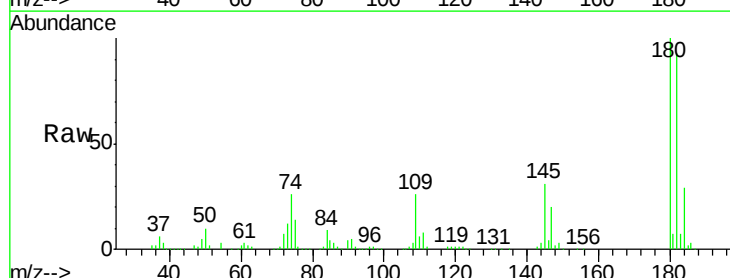
Tgt Ion:180 Resp: 418425

Ion Ratio Lower Upper

180 100

182 92.5 78.2 117.4

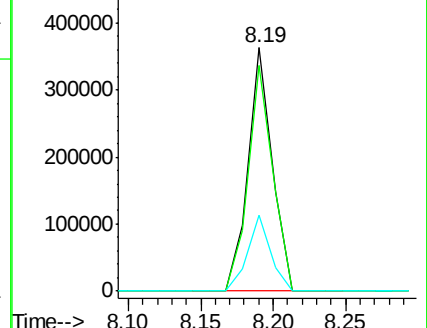
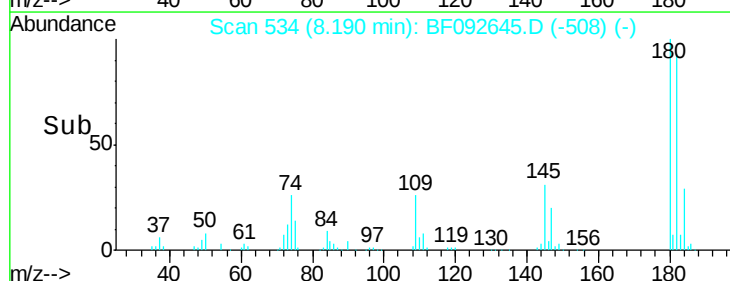
145 30.9 21.6 32.4

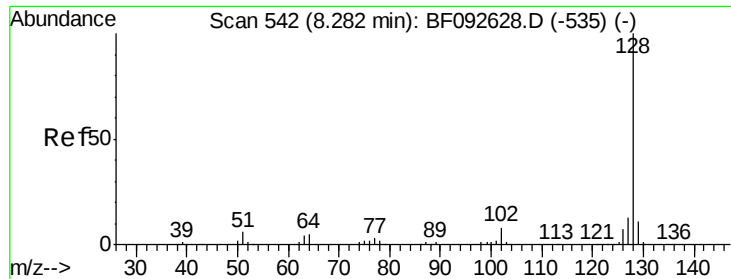


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

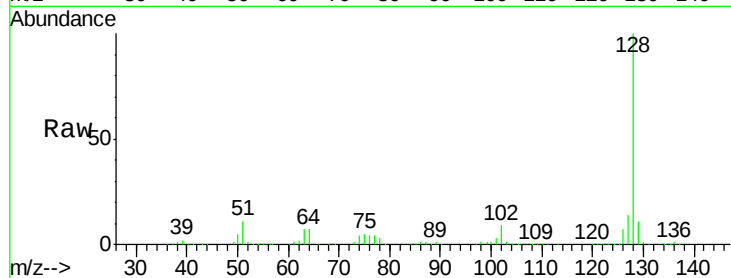




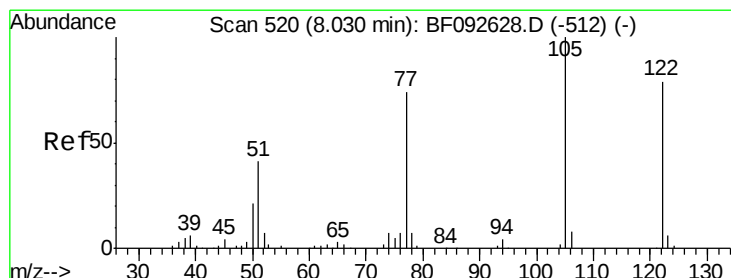
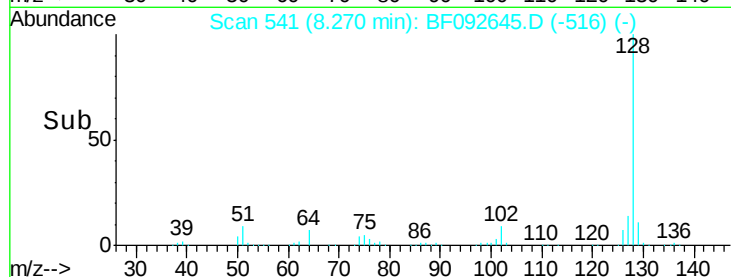
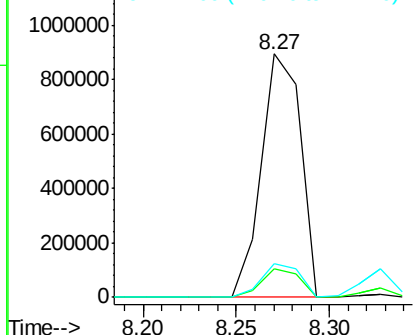
#31
Naphthalene
Concen: 39.09 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF092645.D
Acq: 30 Jan 2017 20:38

Instrument :
BNA_F
ClientSampleId :
PB96538BS

Tgt Ion:128 Resp: 1300544
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.7 10.8 16.2

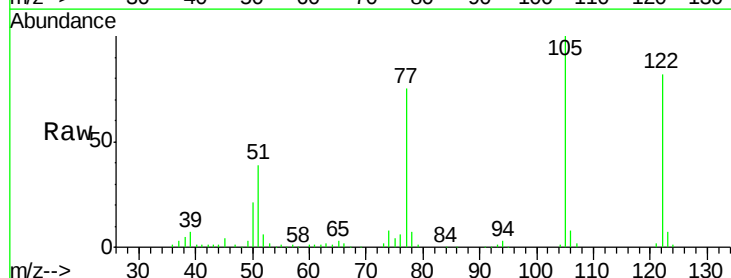


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

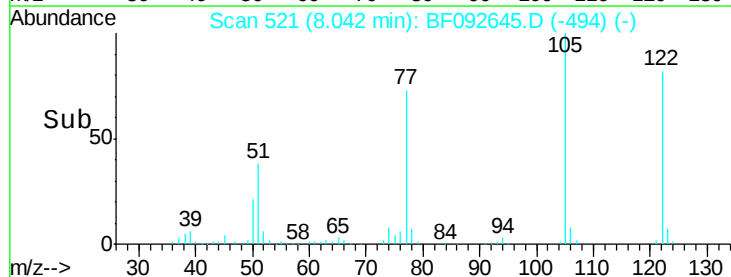
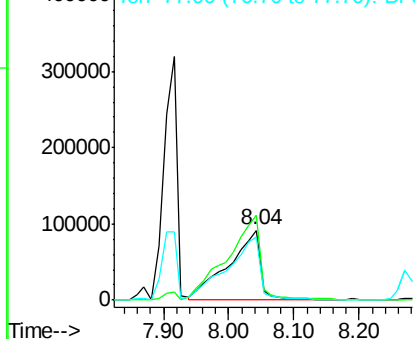


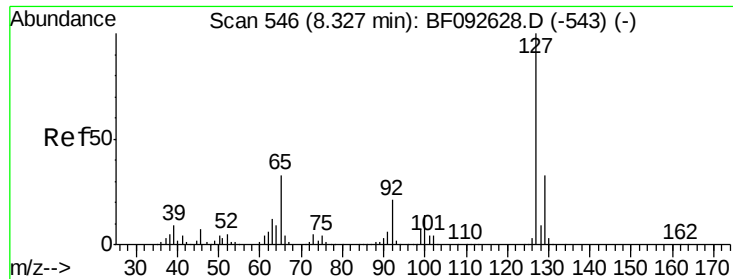
#32
Benzoic acid
Concen: 53.31 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.01 min
Lab File: BF092645.D
Acq: 30 Jan 2017 20:38

Tgt Ion:122 Resp: 310504
Ion Ratio Lower Upper
122 100
105 122.4 107.2 147.2
77 91.4 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

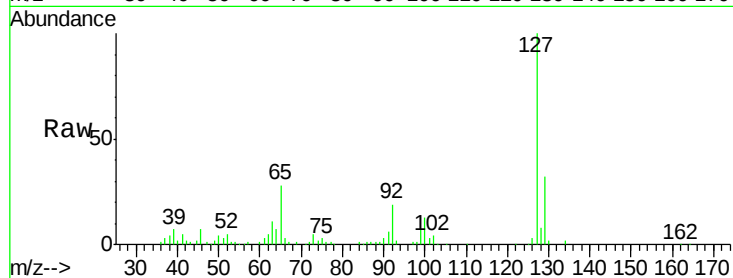




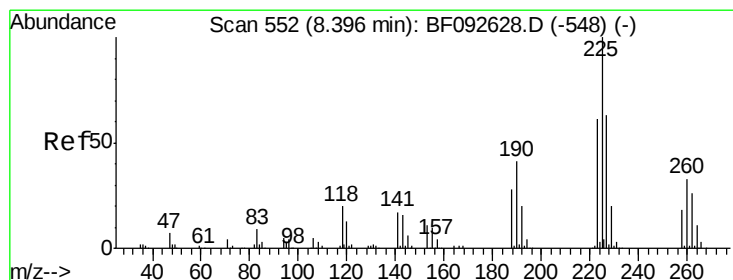
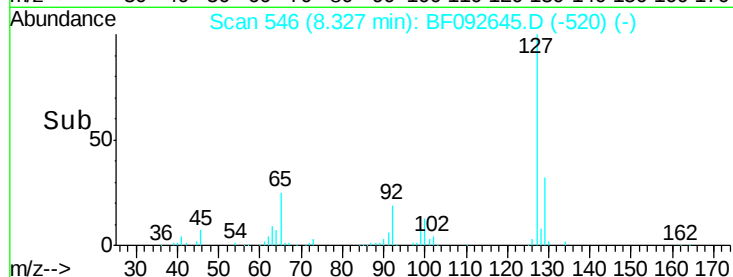
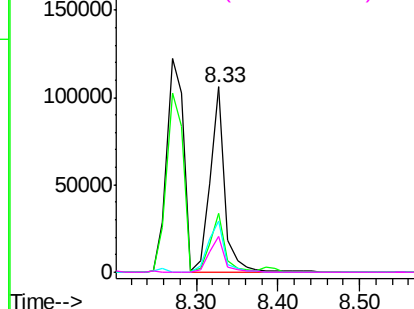
#33
4-Chloroaniline
Concen: 10.35 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092645.D
Acq: 30 Jan 2017 20:38

Instrument :
BNA_F
ClientSampleId :
PB96538BS

Tgt Ion:	127	Resp:	135011
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.3	39.5
65	27.8	25.8	38.8
92	19.0	16.1	24.1

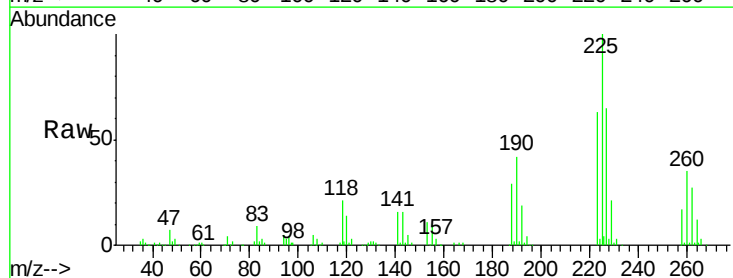


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

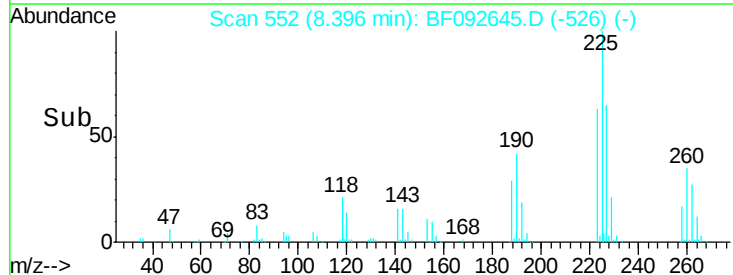
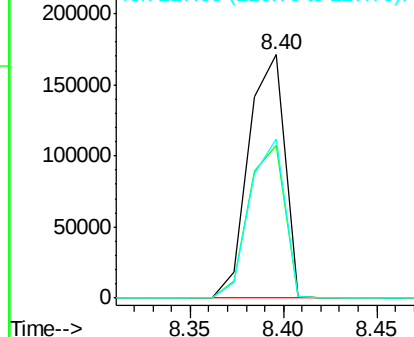


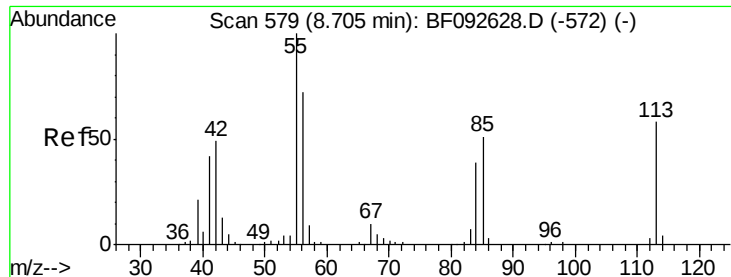
#34
Hexachlorobutadiene
Concen: 40.84 ng
RT: 8.40 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF092645.D
Acq: 30 Jan 2017 20:38

Tgt Ion:	225	Resp:	228167
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.0	76.6
227	65.4	50.6	76.0



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: 32.97 ng

RT: 8.69 min Scan# 578

Delta R.T. -0.01 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

Instrument :

BNA_F

ClientSampleId :

PB96538BS

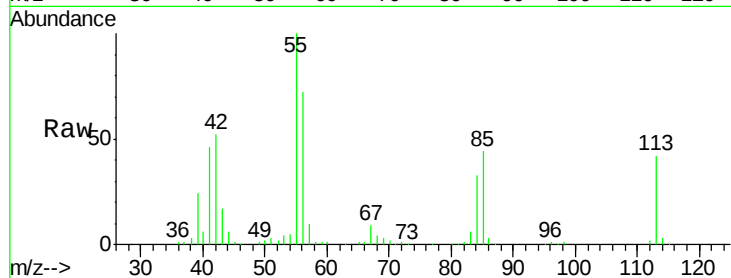
Tgt Ion:113 Resp: 97714

Ion Ratio Lower Upper

113 100

55 235.4 119.2 159.2#

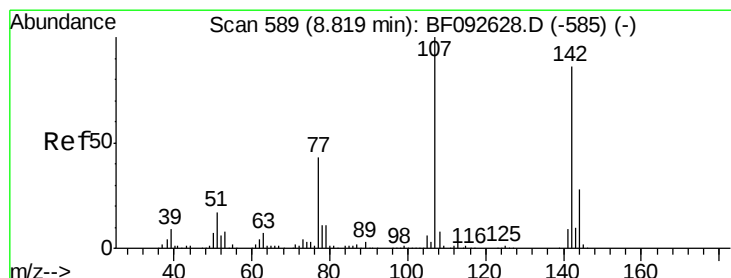
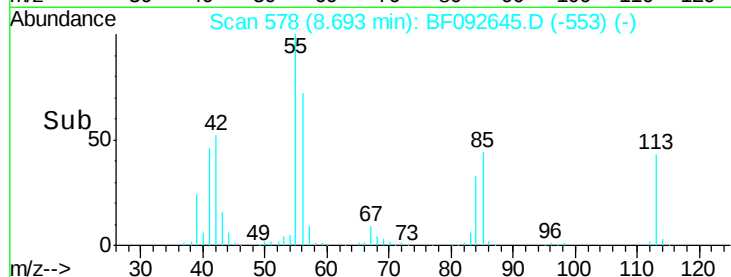
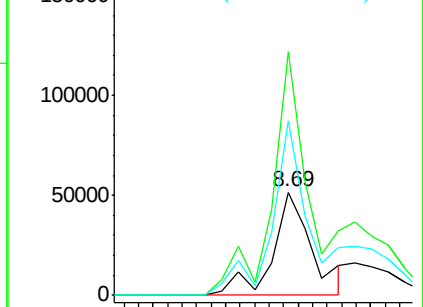
56 169.2 83.8 123.8#



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: 43.20 ng

RT: 8.82 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

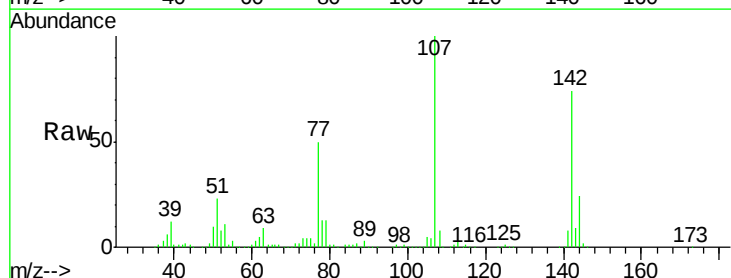
Tgt Ion:107 Resp: 424352

Ion Ratio Lower Upper

107 100

144 24.0 19.3 28.9

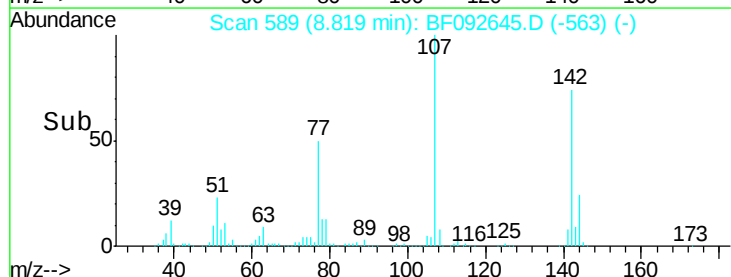
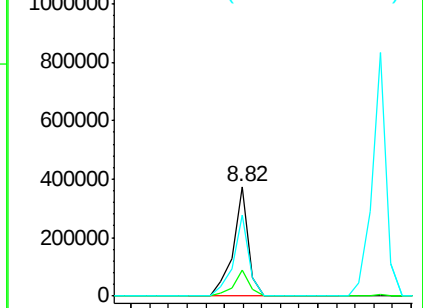
142 74.2 59.0 88.6

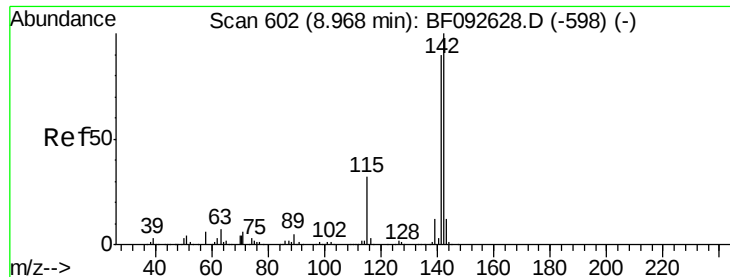


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

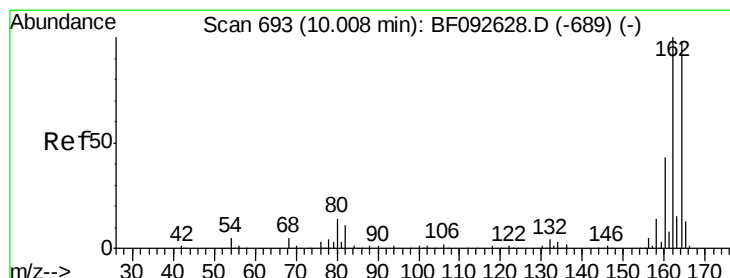
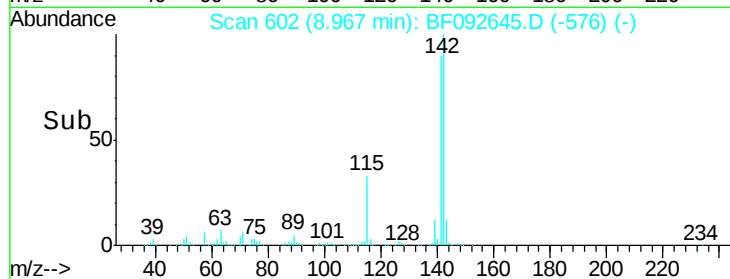
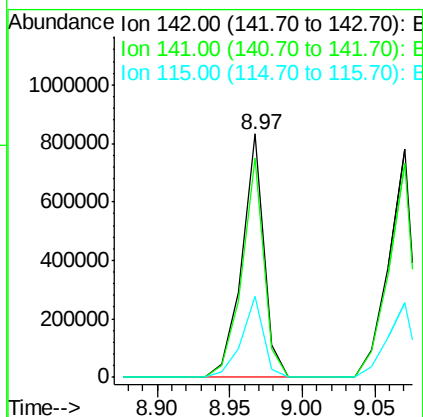
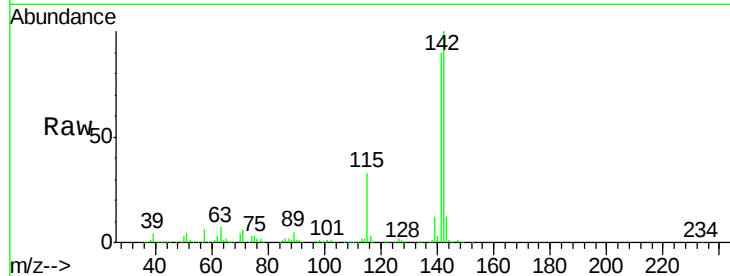




#37
 2-Methylnaphthalene
 Concen: 41.28 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF092645.D
 Acq: 30 Jan 2017 20:38

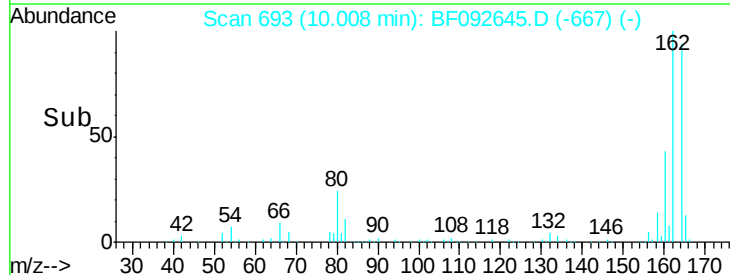
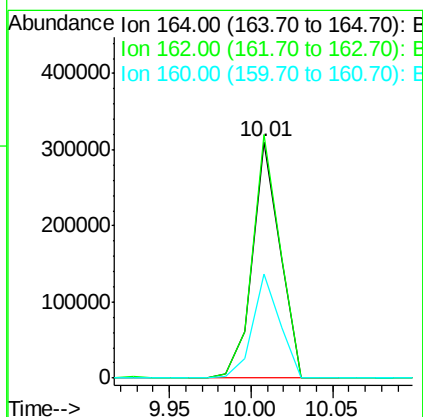
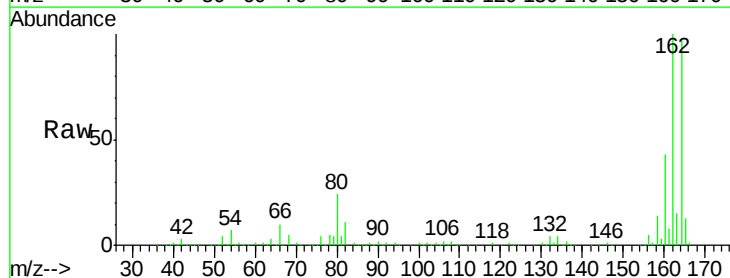
Instrument :
 BNA_F
 ClientSampleId :
 PB96538BS

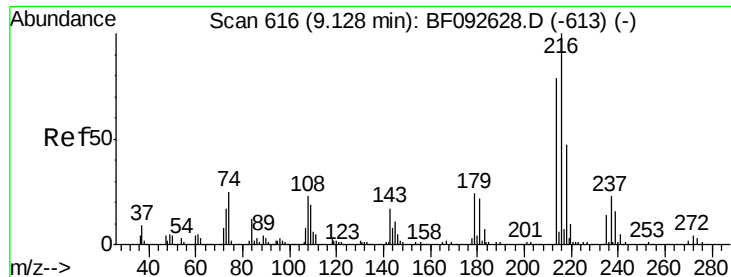
Tgt Ion:142 Resp: 881823
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.0 106.6
 115 33.4 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF092645.D
 Acq: 30 Jan 2017 20:38

Tgt Ion:164 Resp: 364594
 Ion Ratio Lower Upper
 164 100
 162 103.2 80.2 120.2
 160 44.2 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.30 ng

RT: 9.14 min Scan# 617

Delta R.T. 0.01 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

Instrument :

BNA_F

ClientSampleId :

PB96538BS

Tgt Ion:216 Resp: 422656

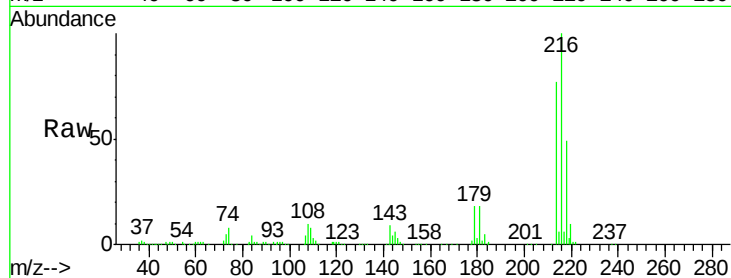
Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.0

179 20.9 17.4 26.2

108 18.7 15.6 23.4

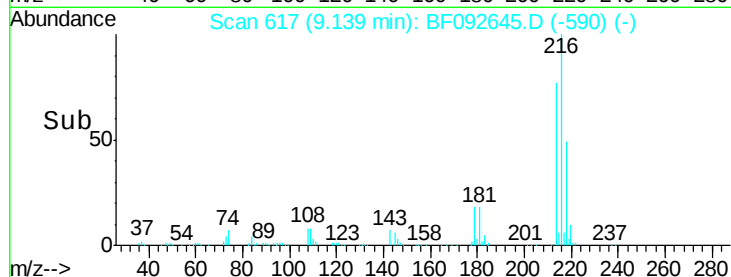


Abundance Ion 216.00 (215.70 to 216.70): E

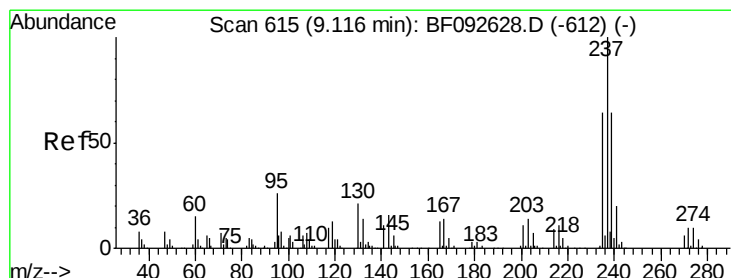
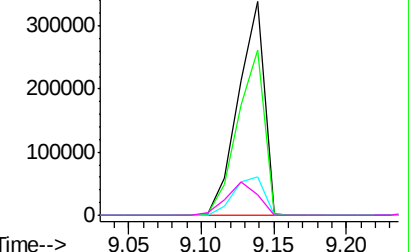
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 85.27 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

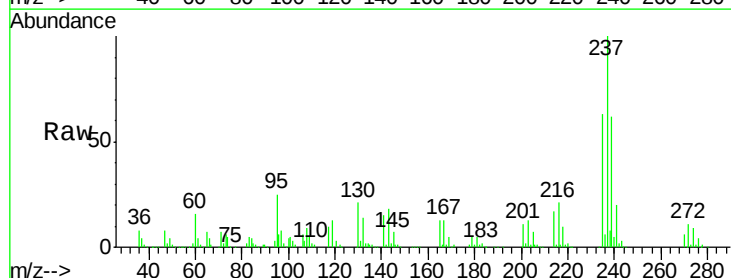
Tgt Ion:237 Resp: 393737

Ion Ratio Lower Upper

237 100

235 63.3 41.2 81.2

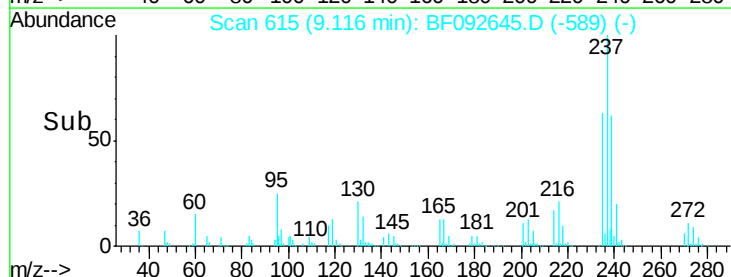
272 11.3 0.0 35.4



Abundance Ion 236.80 (236.50 to 237.50): E

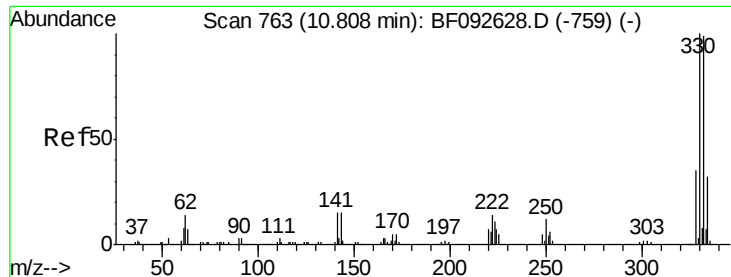
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

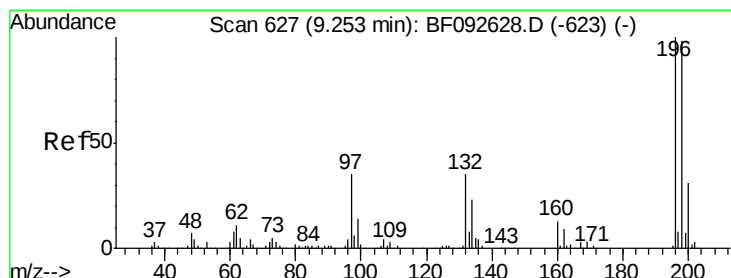
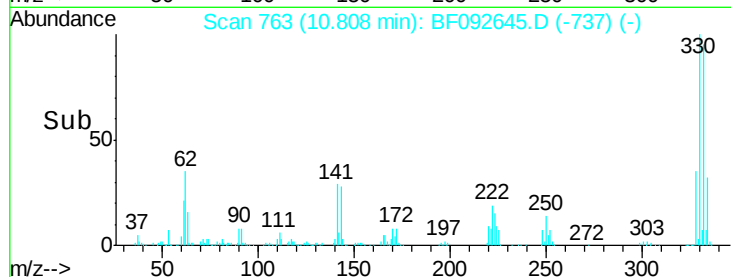
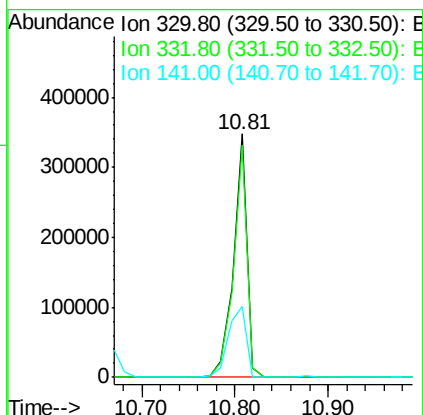
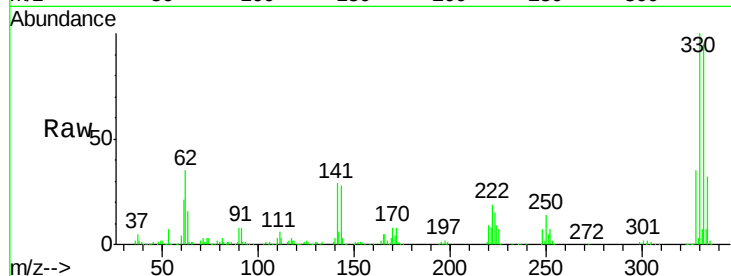




#41
 2,4,6-Tribromophenol
 Concen: 133.92 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BF092645.D
 Acq: 30 Jan 2017 20:38

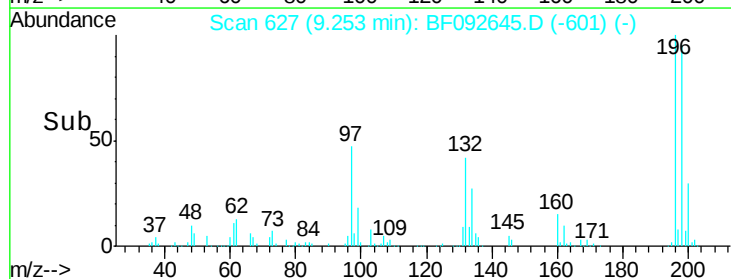
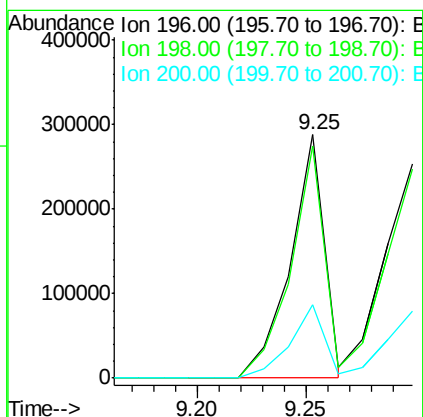
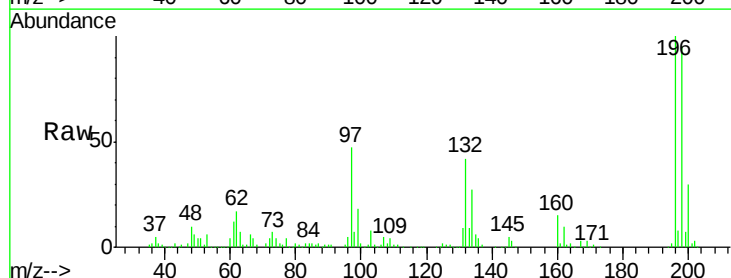
Instrument :
 BNA_F
 ClientSampleId :
 PB96538BS

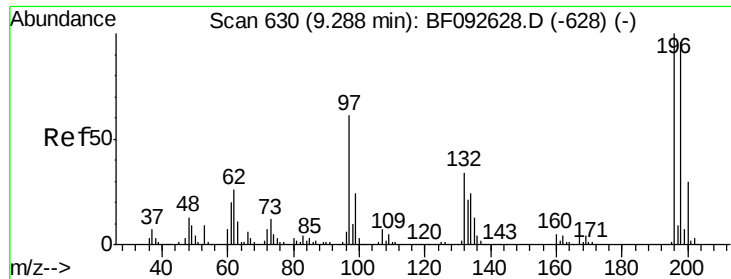
Tgt Ion:330 Resp: 353154
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 38.9 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 46.77 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF092645.D
 Acq: 30 Jan 2017 20:38

Tgt Ion:196 Resp: 314493
 Ion Ratio Lower Upper
 196 100
 198 95.2 82.1 123.1
 200 30.4 27.0 40.4

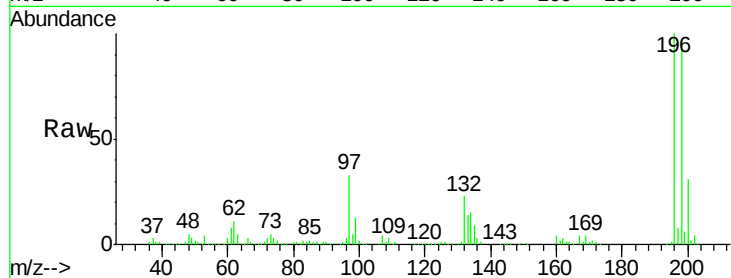




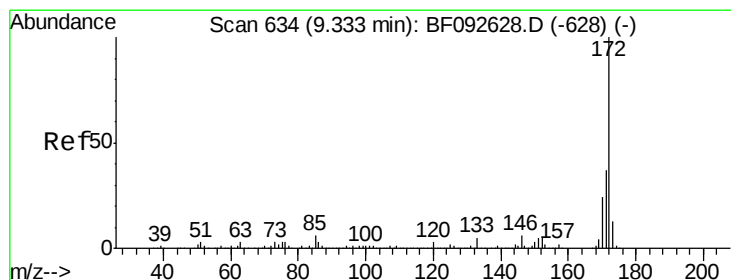
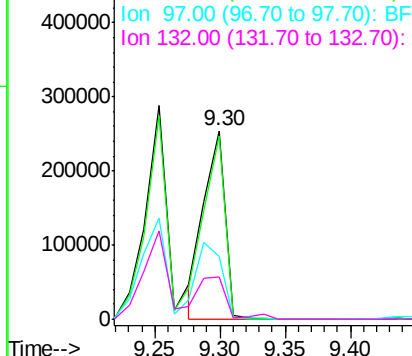
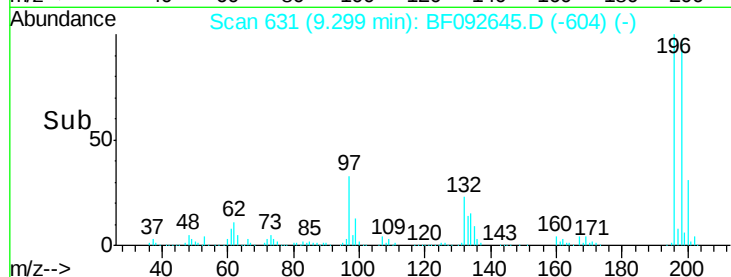
#43
 2,4,5-Trichlorophenol
 Concen: 39.15 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: BF092645.D
 Acq: 30 Jan 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 PB96538BS

Tgt Ion:196 Resp: 288434
 Ion Ratio Lower Upper
 196 100
 198 97.2 79.4 119.2
 97 33.4 51.5 77.3#
 132 22.7 27.4 41.2#

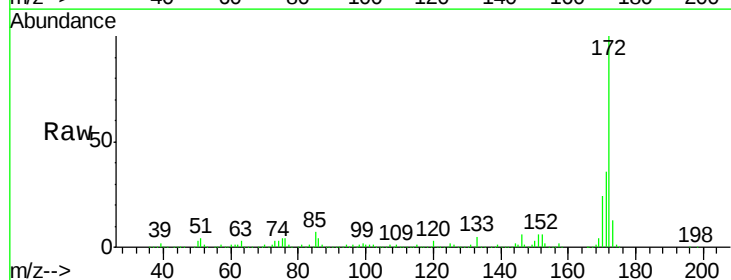


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

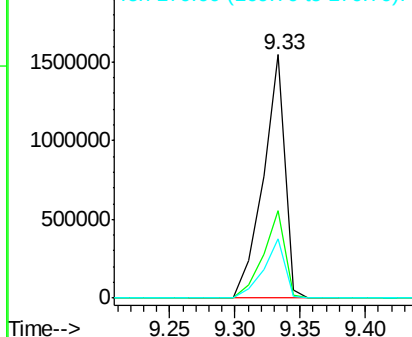
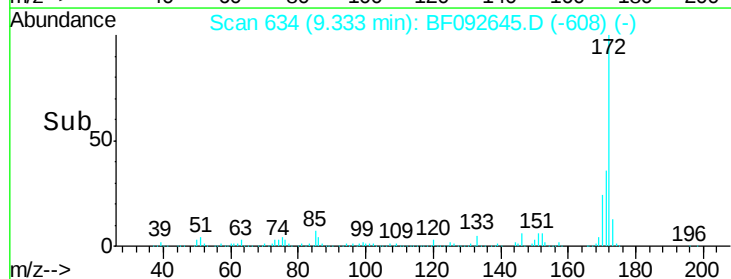


#44
 2-Fluorobiphenyl
 Concen: 89.09 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF092645.D
 Acq: 30 Jan 2017 20:38

Tgt Ion:172 Resp: 1792859
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.2 20.2 30.4



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

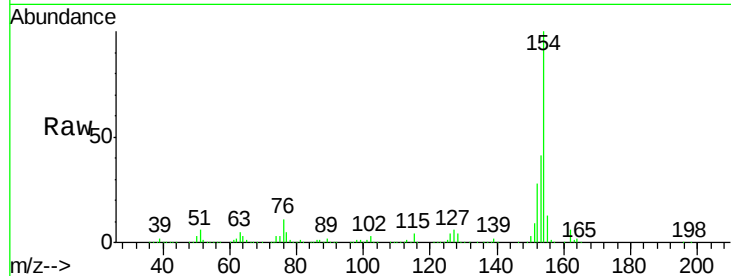




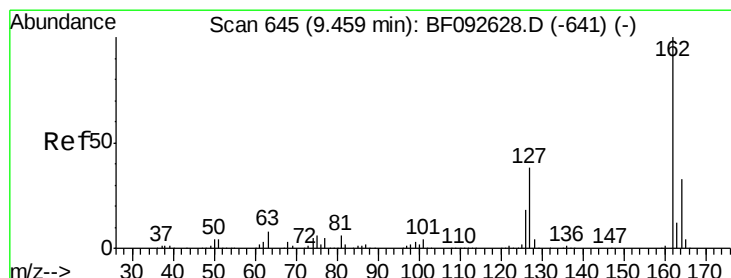
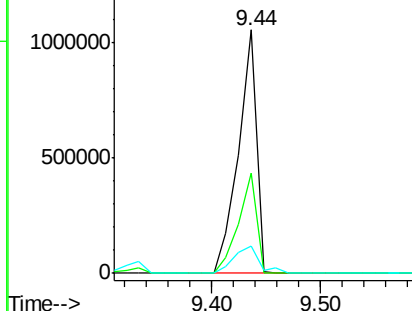
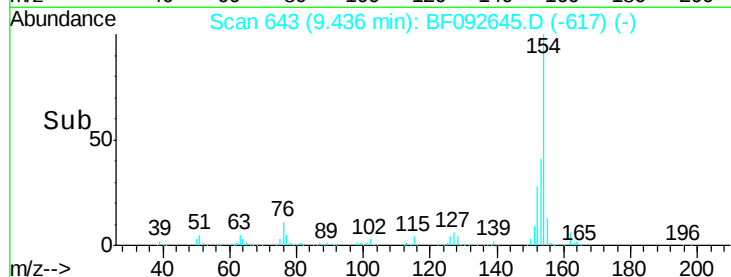
#45
 1,1'-Biphenyl
 Concen: 45.57 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF092645.D
 Acq: 30 Jan 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 PB96538BS

Tgt Ion:154 Resp: 1203075
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.9 60.9
 76 11.0 0.0 30.5

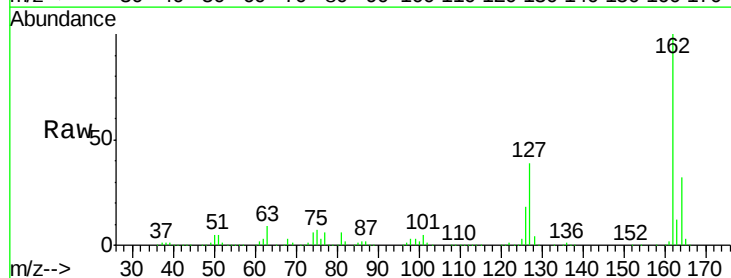


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

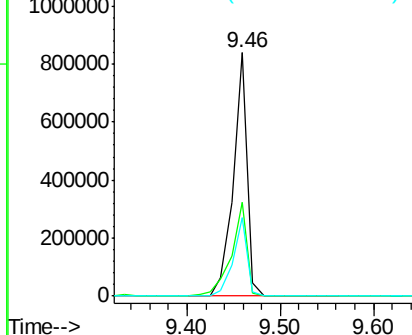
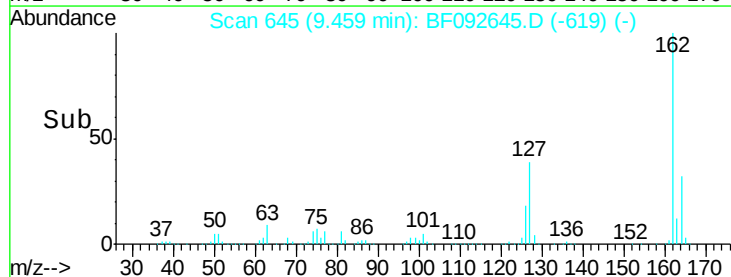


#46
 2-Chloronaphthalene
 Concen: 42.44 ng
 RT: 9.46 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF092645.D
 Acq: 30 Jan 2017 20:38

Tgt Ion:162 Resp: 876595
 Ion Ratio Lower Upper
 162 100
 127 38.6 30.7 46.1
 164 32.4 27.6 41.4



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

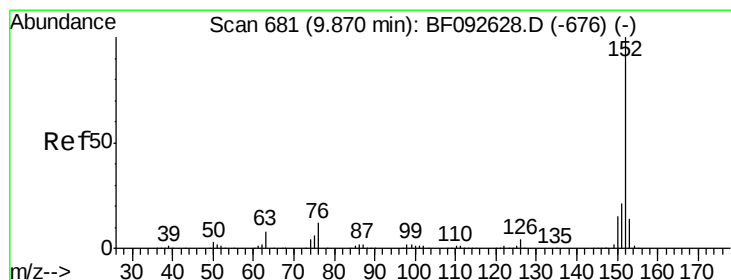
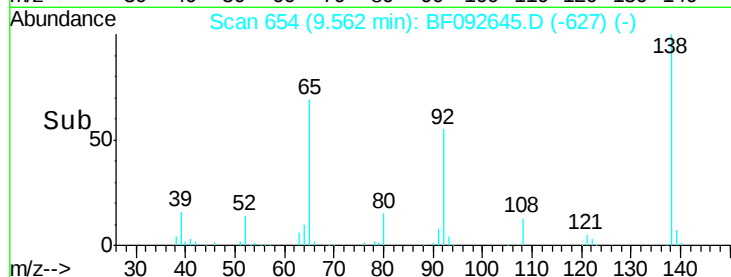
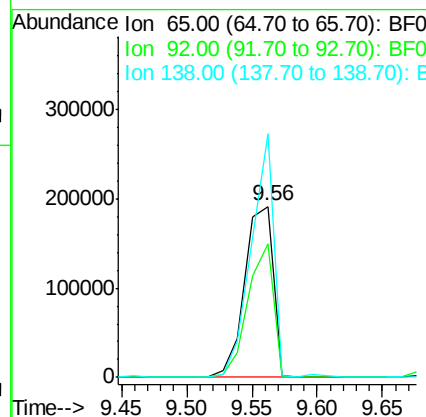
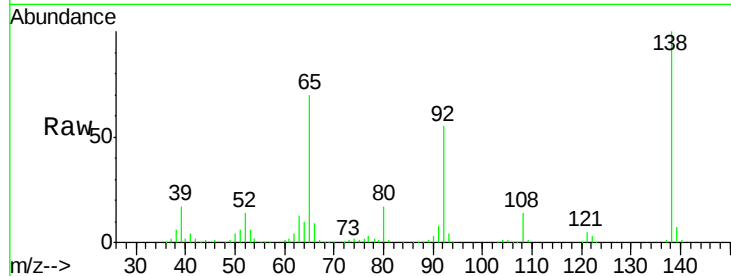




#47
2-Nitroaniline
Concen: 41.91 ng
RT: 9.56 min Scan# 654
Delta R.T. 0.01 min
Lab File: BF092645.D
Acq: 30 Jan 2017 20:38

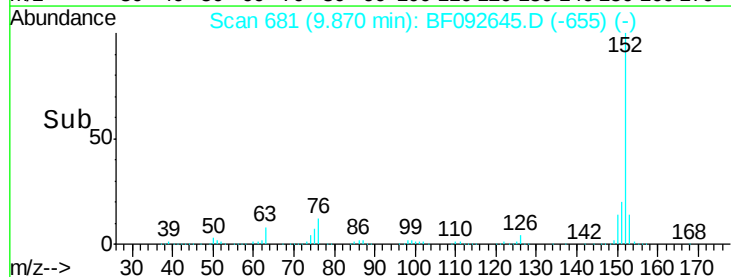
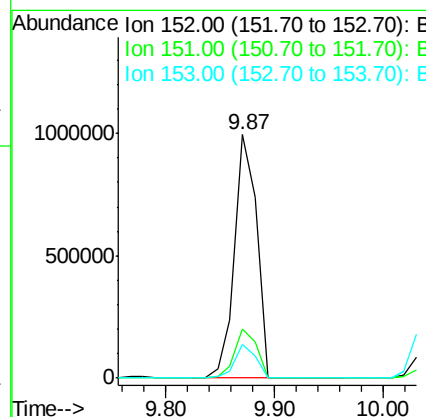
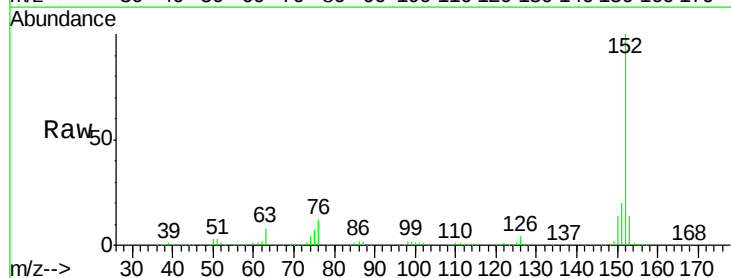
Instrument :
BNA_F
ClientSampleId :
PB96538BS

Tgt Ion: 65 Resp: 290999
Ion Ratio Lower Upper
65 100
92 77.9 53.9 80.9
138 142.6 76.8 115.2#



#48
Acenaphthylene
Concen: 38.78 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF092645.D
Acq: 30 Jan 2017 20:38

Tgt Ion: 152 Resp: 1383512
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 13.6 11.4 17.2





#49

Dimethylphthalate

Concen: 41.39 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

Instrument :

BNA_F

ClientSampleId :

PB96538BS

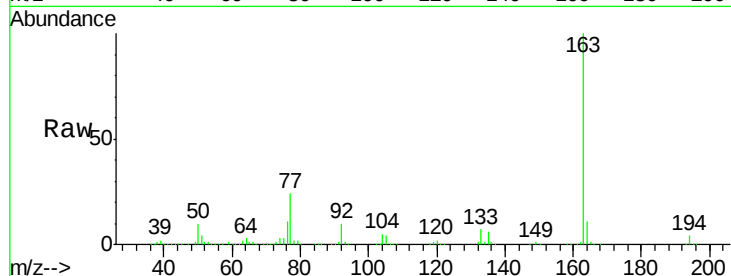
Tgt Ion:163 Resp: 1016355

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

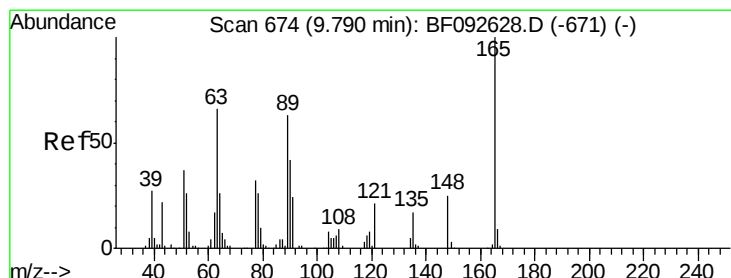
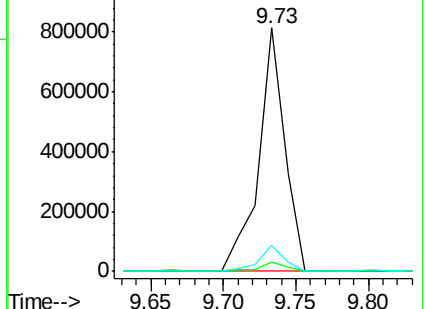
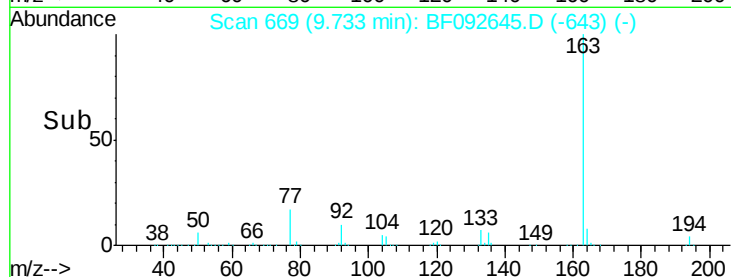
164 10.7 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.94 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.01 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

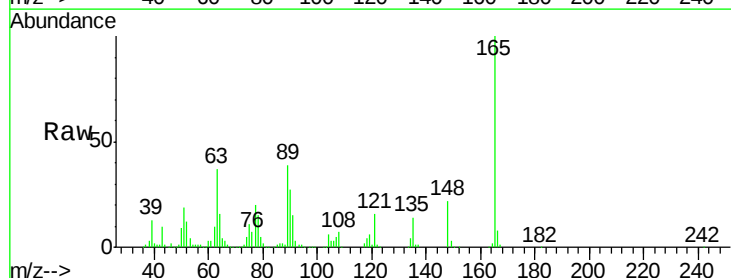
Tgt Ion:165 Resp: 248947

Ion Ratio Lower Upper

165 100

63 37.4 36.2 54.4

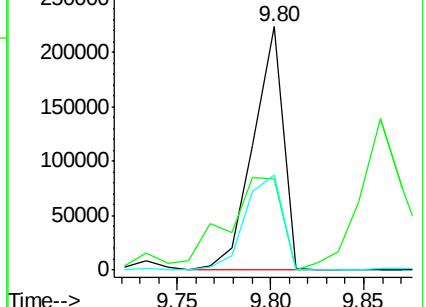
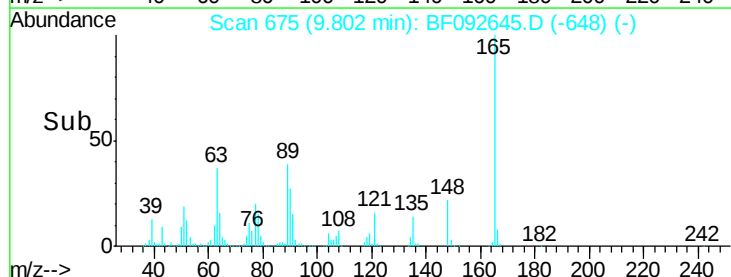
89 39.2 40.2 60.4#

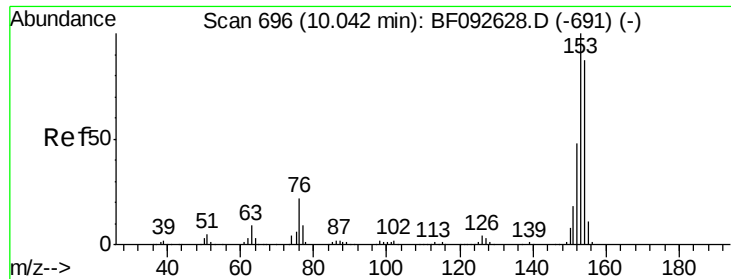


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.84 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

Instrument :

BNA_F

ClientSampleId :

PB96538BS

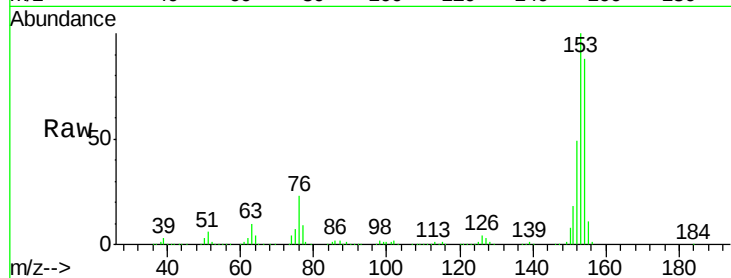
Tgt Ion:154 Resp: 913828

Ion Ratio Lower Upper

154 100

153 113.7 88.6 133.0

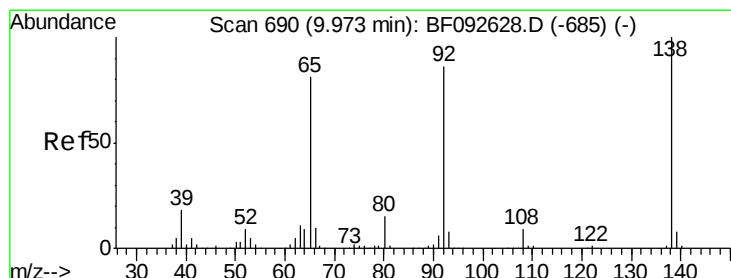
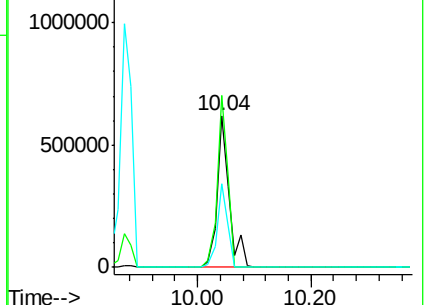
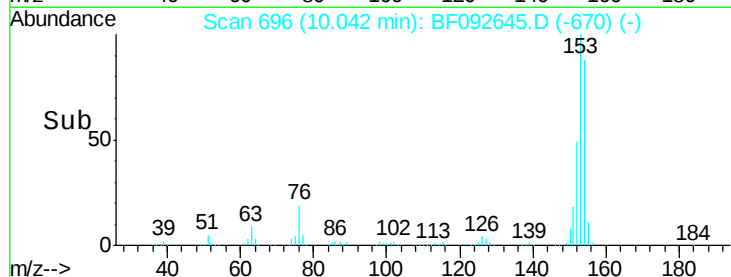
152 55.3 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.22 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

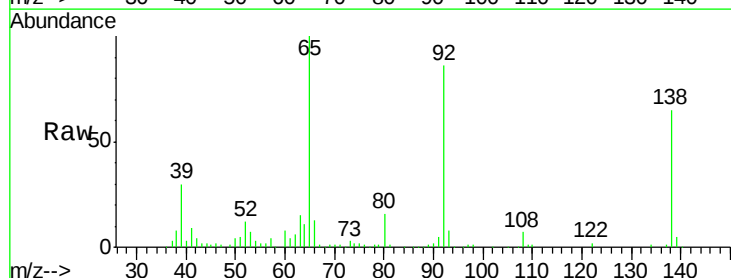
Tgt Ion:138 Resp: 92348

Ion Ratio Lower Upper

138 100

108 11.4 8.5 12.7

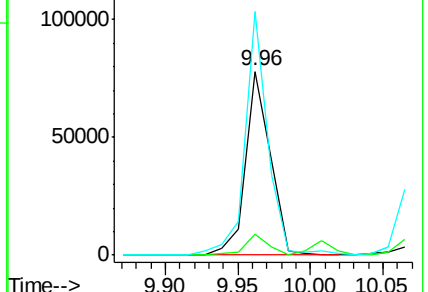
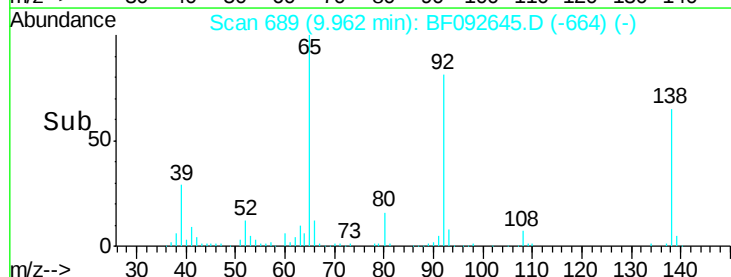
92 132.7 97.8 146.8

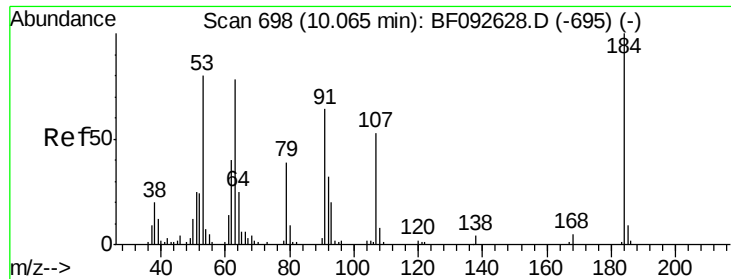


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

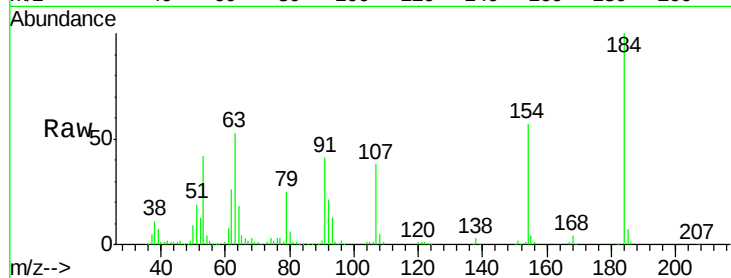




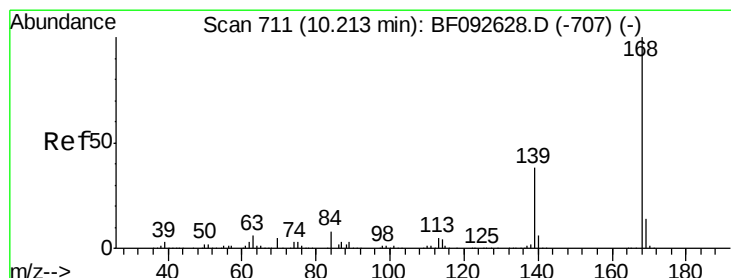
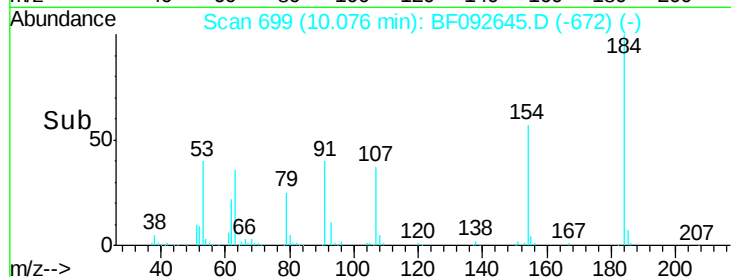
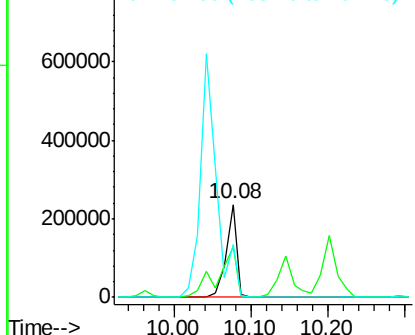
#53
2,4-Dinitrophenol
Concen: 88.00 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF092645.D
Acq: 30 Jan 2017 20:38

Instrument :
BNA_F
ClientSampleId :
PB96538BS

Tgt Ion:184 Resp: 238789
Ion Ratio Lower Upper
184 100
63 53.4 28.4 42.6#
154 56.6 44.3 66.5

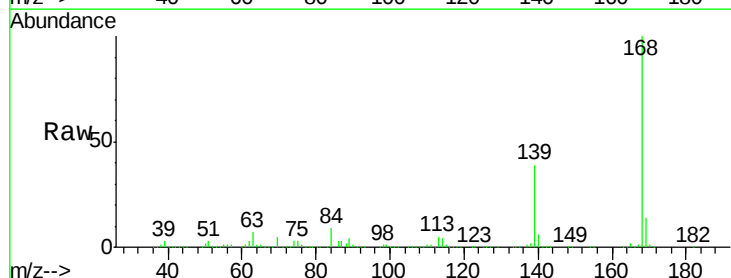


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

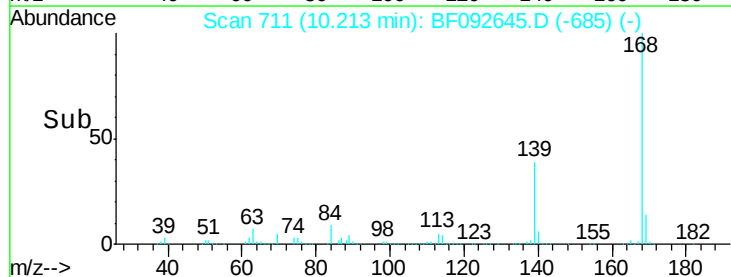
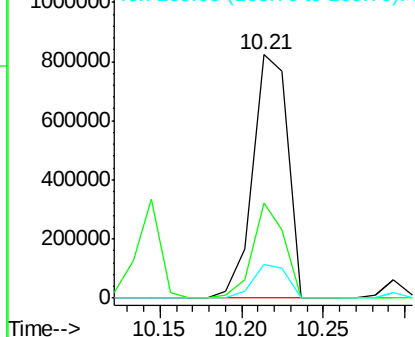


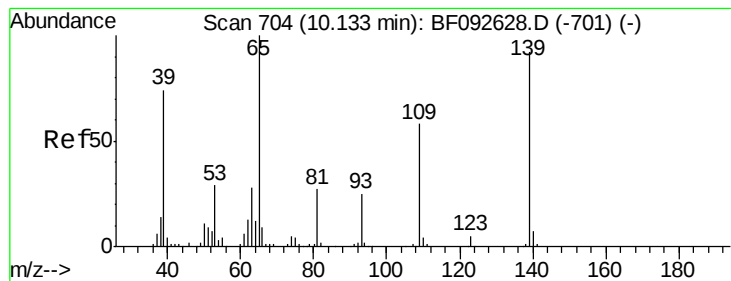
#54
Dibenzofuran
Concen: 42.88 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF092645.D
Acq: 30 Jan 2017 20:38

Tgt Ion:168 Resp: 1223351
Ion Ratio Lower Upper
168 100
139 38.8 32.6 49.0
169 13.9 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: 80.08 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

Instrument :

BNA_F

ClientSampleId :

PB96538BS

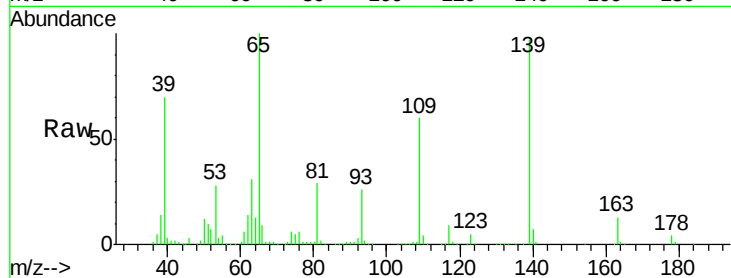
Tgt Ion:139 Resp: 350085

Ion Ratio Lower Upper

139 100

109 61.9 52.2 92.2

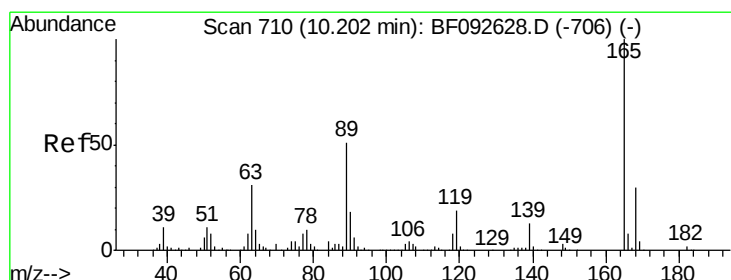
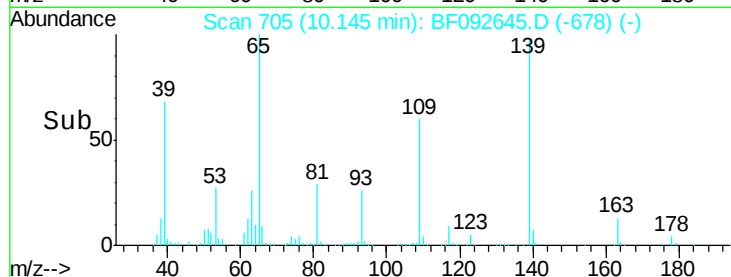
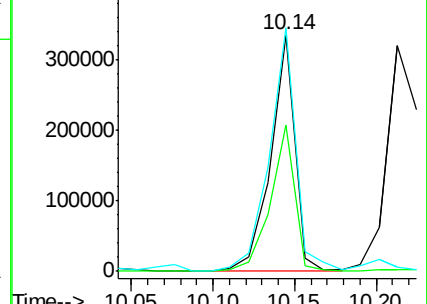
65 102.9 85.8 125.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.24 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

Tgt Ion:165 Resp: 305308

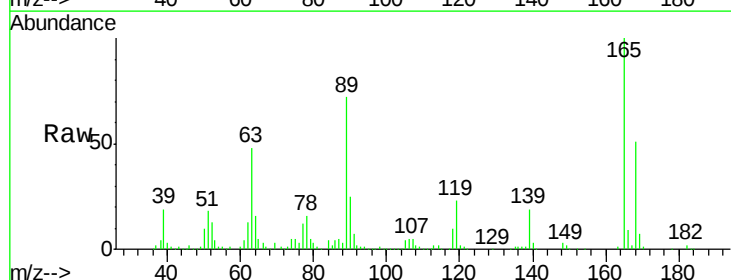
Ion Ratio Lower Upper

165 100

63 48.2 40.2 60.4

89 72.3 62.5 93.7

182 2.2 1.8 2.8

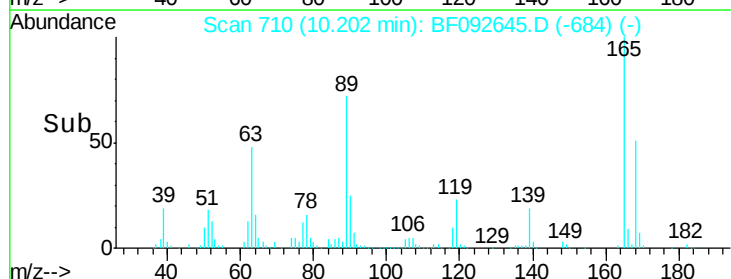
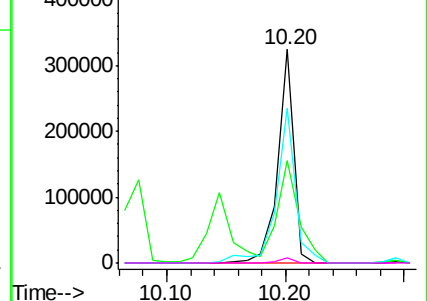


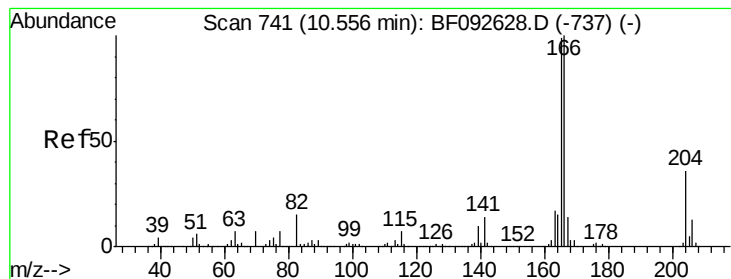
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.70 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

Instrument :

BNA_F

ClientSampleId :

PB96538BS

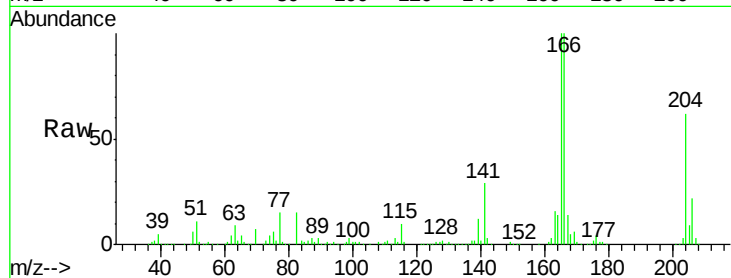
Tgt Ion:166 Resp: 893388

Ion Ratio Lower Upper

166 100

165 99.6 77.8 116.8

167 14.1 10.8 16.2

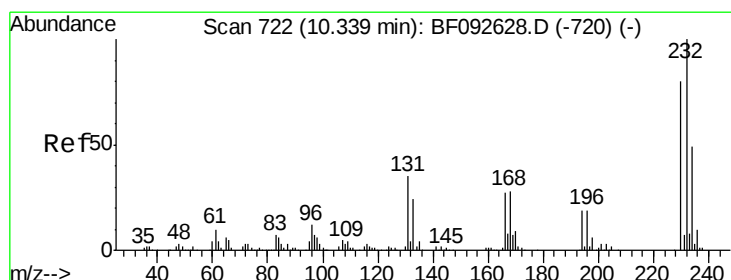
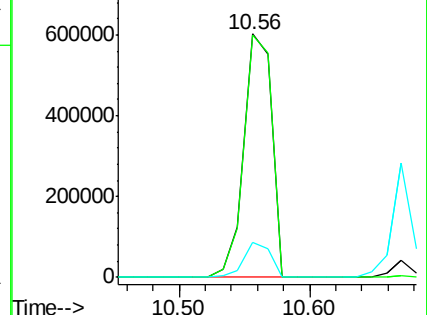
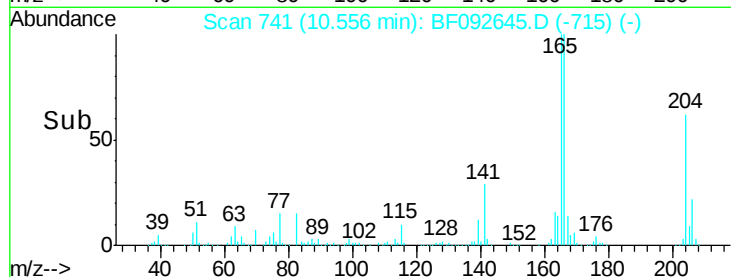


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.87 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

Tgt Ion:232 Resp: 245150

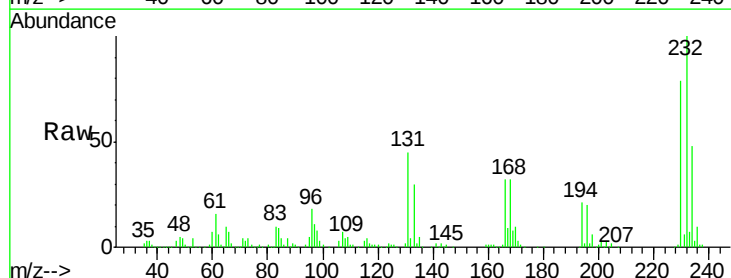
Ion Ratio Lower Upper

232 100

131 47.7 40.1 60.1

130 2.2 1.8 2.8

166 32.7 26.6 39.8



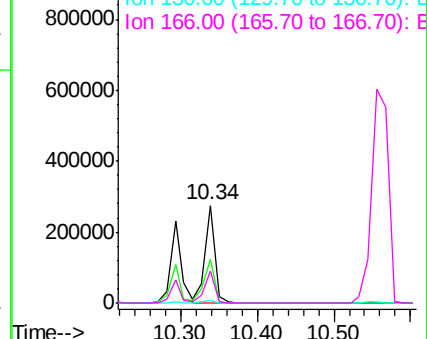
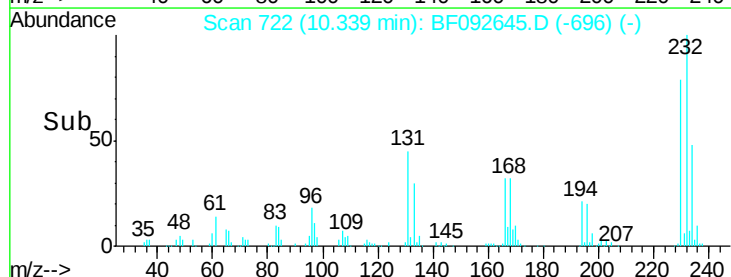
Abundance

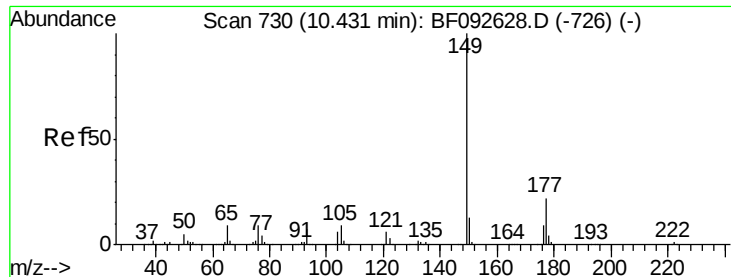
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

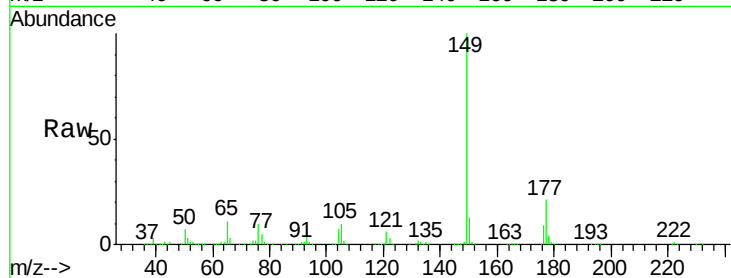




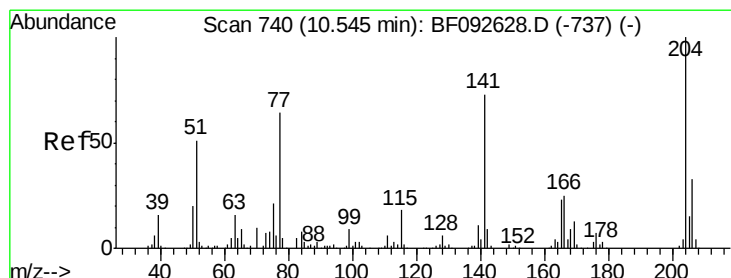
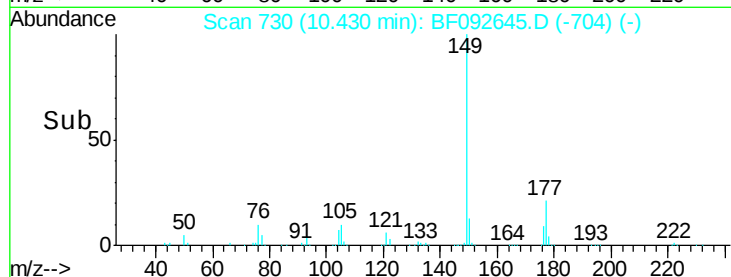
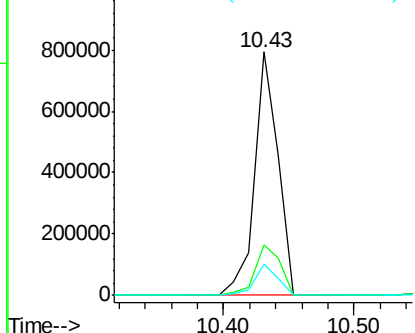
#59
Diethylphthalate
Concen: 42.51 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF092645.D
Acq: 30 Jan 2017 20:38

Instrument :
BNA_F
ClientSampleId :
PB96538BS

Tgt Ion:149 Resp: 983815
Ion Ratio Lower Upper
149 100
177 20.9 16.6 25.0
150 12.8 10.4 15.6

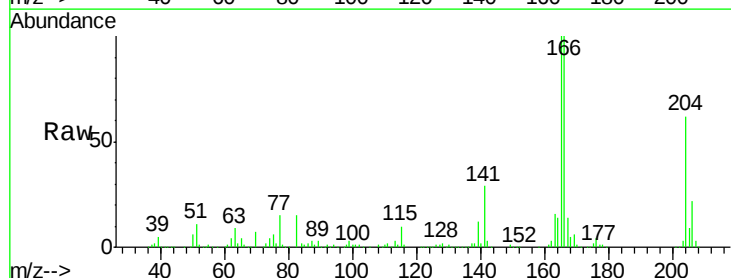


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

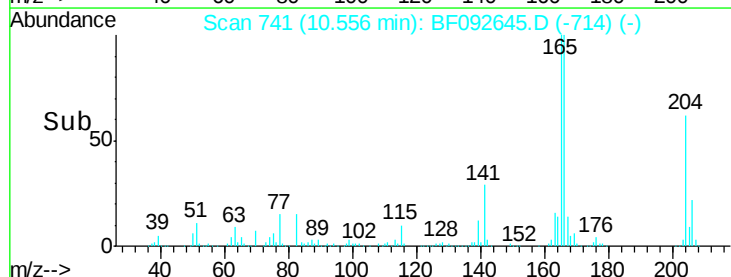
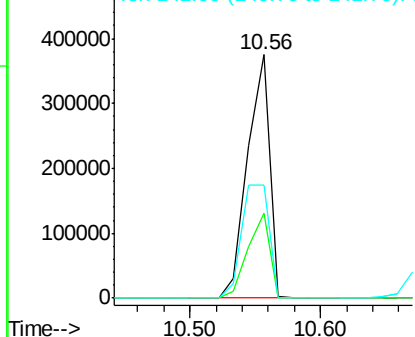


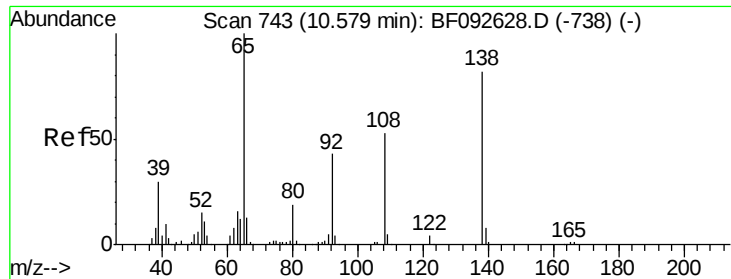
#60
4-Chlorophenyl-phenylether
Concen: 41.99 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF092645.D
Acq: 30 Jan 2017 20:38

Tgt Ion:204 Resp: 442809
Ion Ratio Lower Upper
204 100
206 34.9 25.8 38.6
141 46.3 59.4 89.0#



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

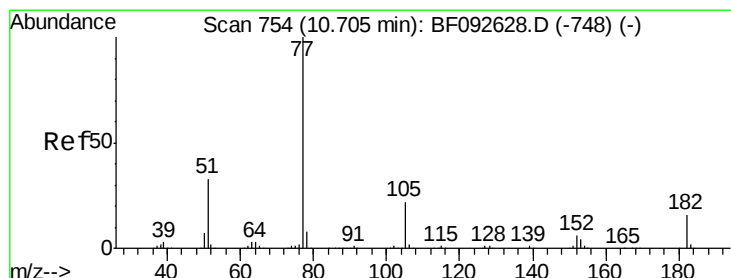
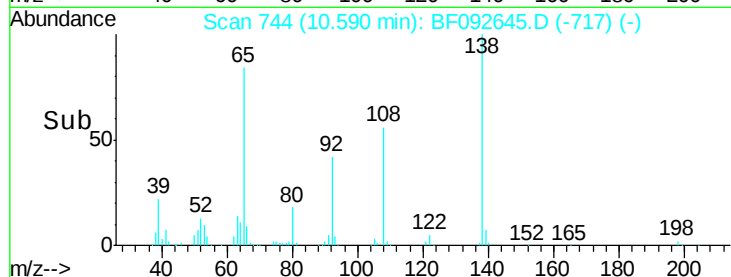
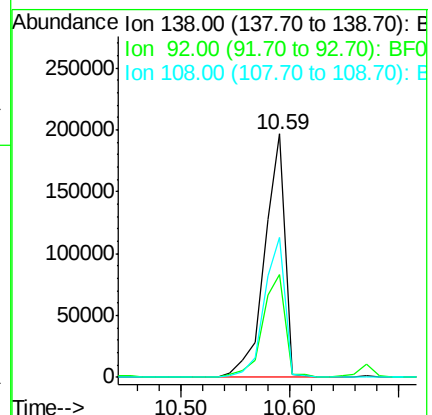
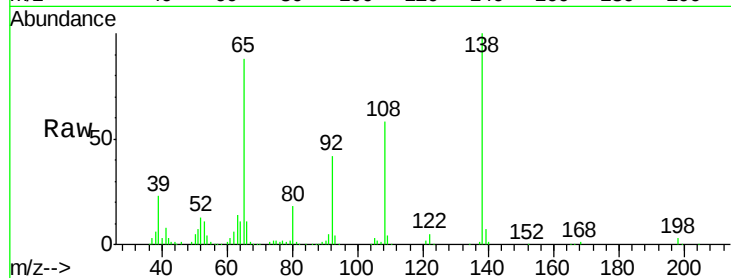




#61
4-Nitroaniline
Concen: 41.31 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF092645.D
Acq: 30 Jan 2017 20:38

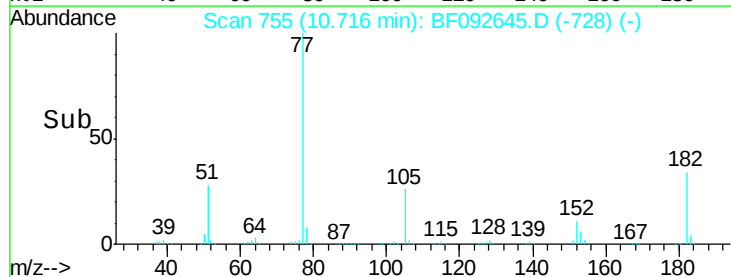
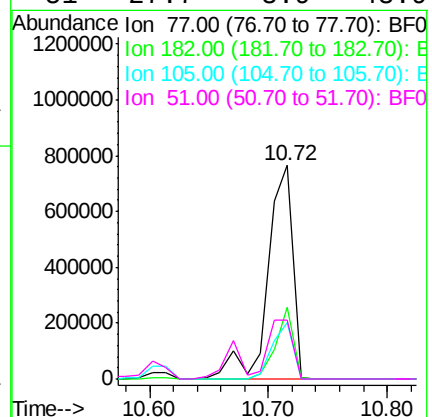
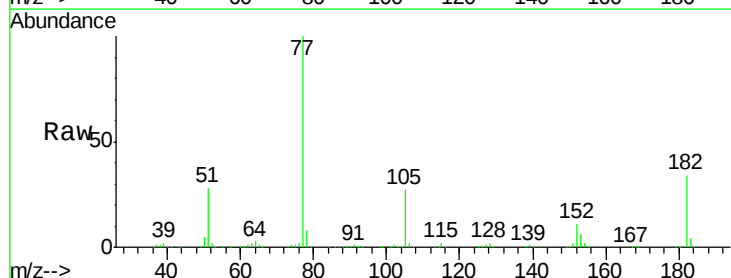
Instrument :
BNA_F
ClientSampleId :
PB96538BS

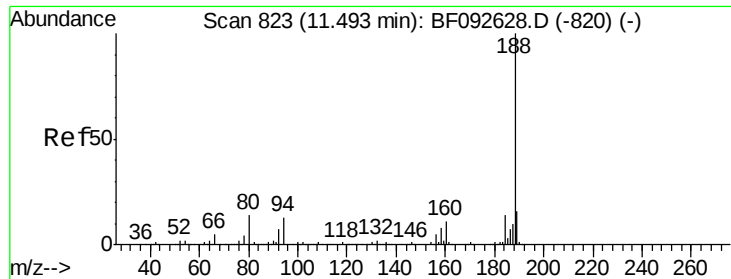
Tgt Ion:138 Resp: 256815
Ion Ratio Lower Upper
138 100
92 42.4 31.7 71.7
108 57.6 52.6 92.6



#62
Azobenzene
Concen: 47.19 ng
RT: 10.72 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF092645.D
Acq: 30 Jan 2017 20:38

Tgt Ion: 77 Resp: 1128338
Ion Ratio Lower Upper
77 100
182 33.5 0.0 39.3
105 26.7 2.3 42.3
51 27.7 8.9 48.9

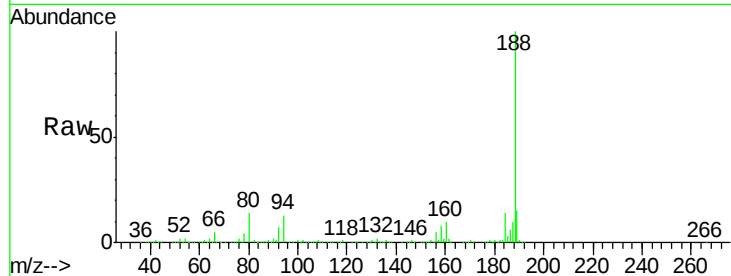




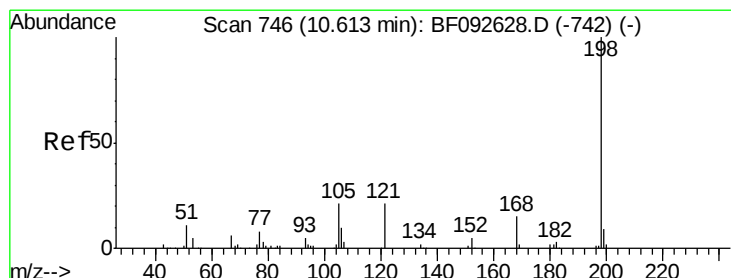
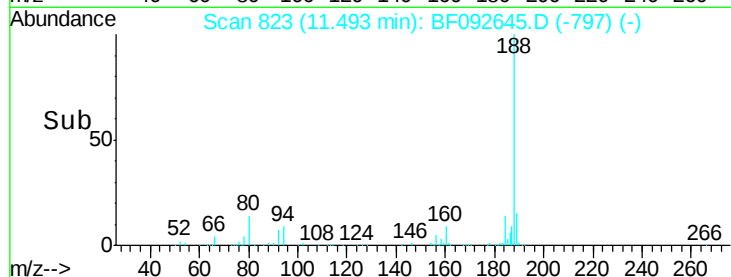
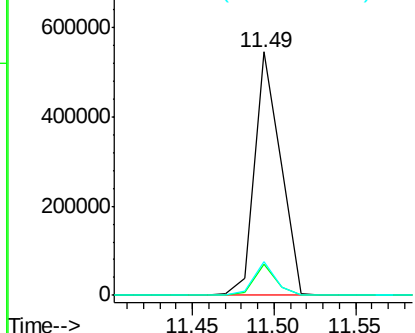
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092645.D
Acq: 30 Jan 2017 20:38

Instrument :
BNA_F
ClientSampleId :
PB96538BS

Tgt Ion:188 Resp: 606720
Ion Ratio Lower Upper
188 100
94 12.8 10.0 15.0
80 14.1 11.2 16.8

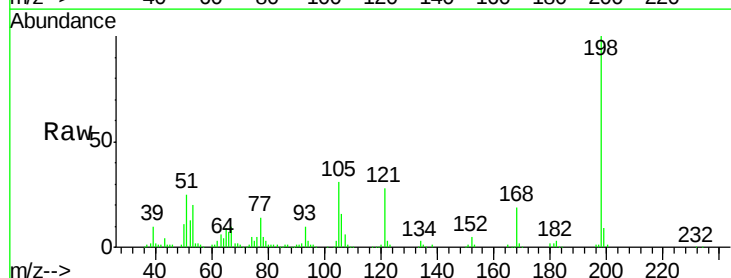


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

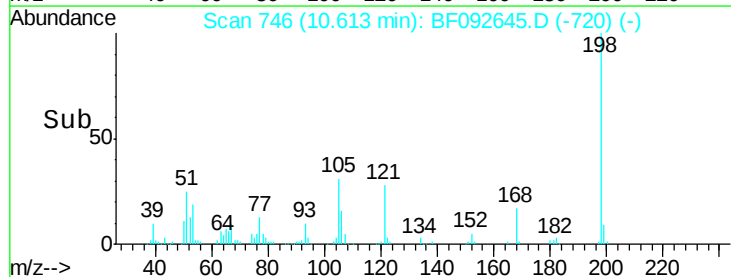
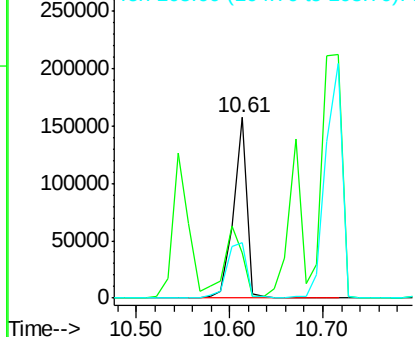


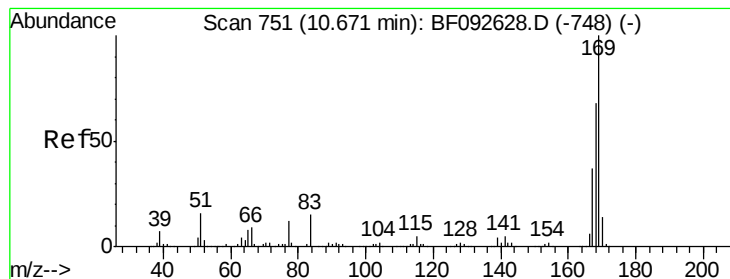
#64
4,6-Dinitro-2-methylphenol
Concen: 43.93 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF092645.D
Acq: 30 Jan 2017 20:38

Tgt Ion:198 Resp: 161362
Ion Ratio Lower Upper
198 100
51 25.3 6.7 46.7
105 30.7 16.6 56.6



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

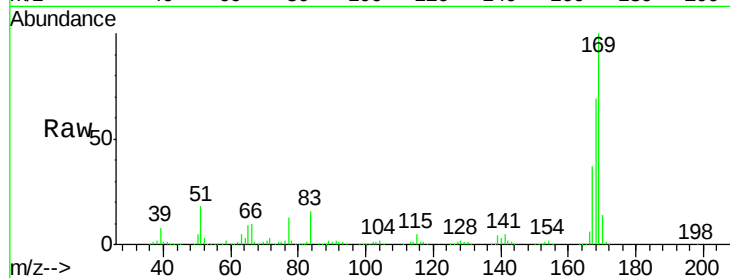




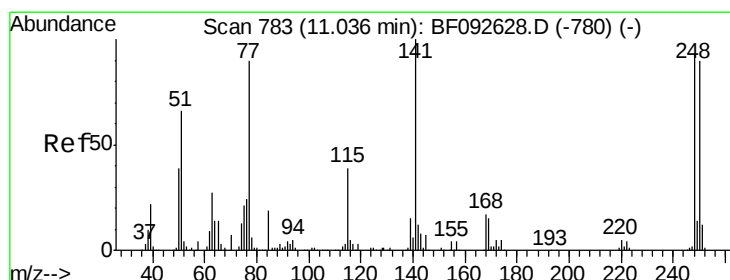
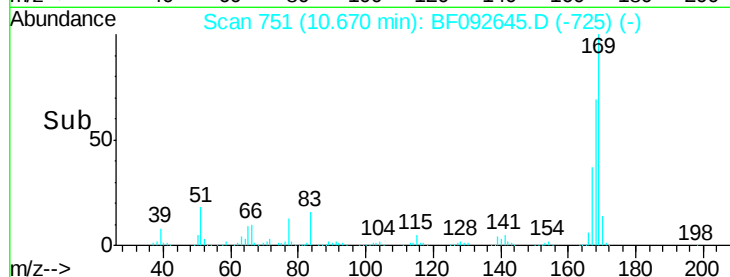
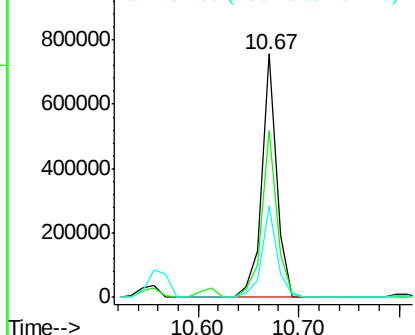
#65
 n-Nitrosodiphenylamine
 Concen: 40.32 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF092645.D
 Acq: 30 Jan 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 PB96538BS

Tgt Ion:169 Resp: 781414
 Ion Ratio Lower Upper
 169 100
 168 68.7 54.2 81.2
 167 37.4 30.2 45.4

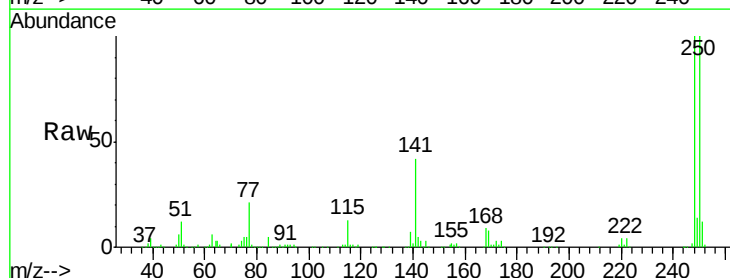


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

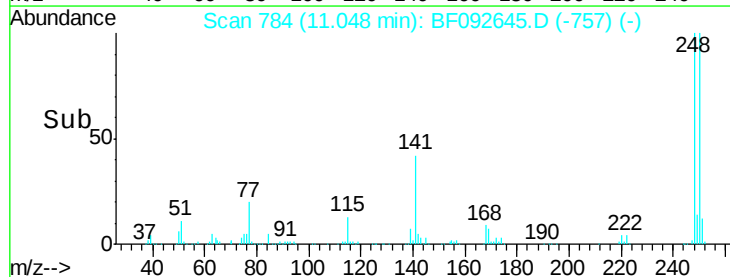
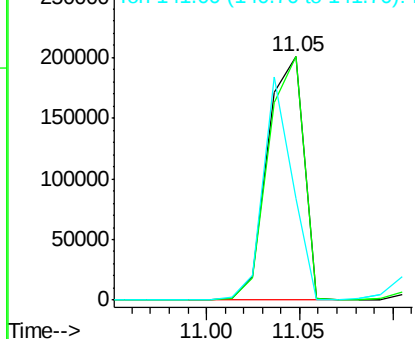


#66
 4-Bromophenyl-phenylether
 Concen: 42.58 ng
 RT: 11.05 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF092645.D
 Acq: 30 Jan 2017 20:38

Tgt Ion:248 Resp: 269907
 Ion Ratio Lower Upper
 248 100
 250 99.9 76.9 115.3
 141 41.7 68.2 102.4#



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





#67

Hexachlorobenzene

Concen: 39.73 ng

RT: 11.10 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

Instrument :

BNA_F

ClientSampleId :

PB96538BS

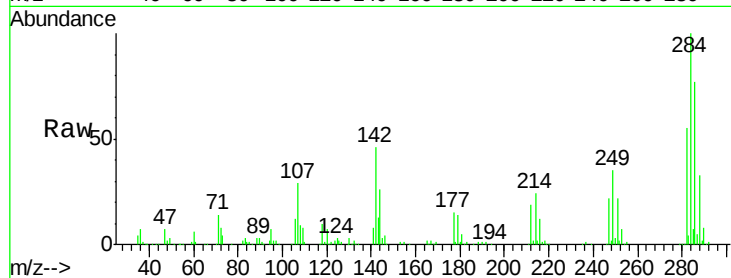
Tgt Ion:284 Resp: 248857

Ion Ratio Lower Upper

284 100

142 45.5 22.6 33.8#

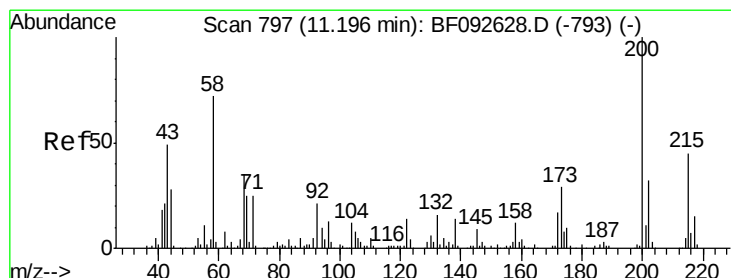
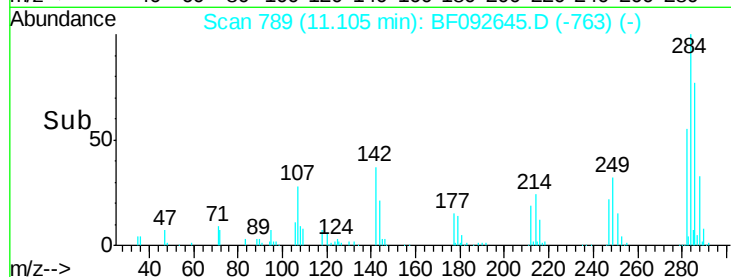
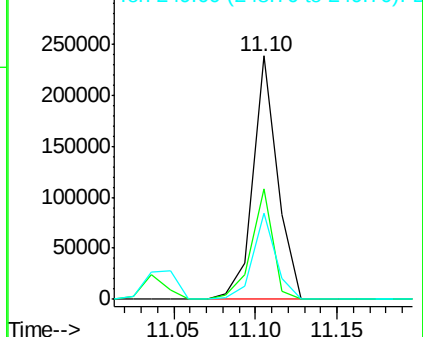
249 35.2 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.91 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.00 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

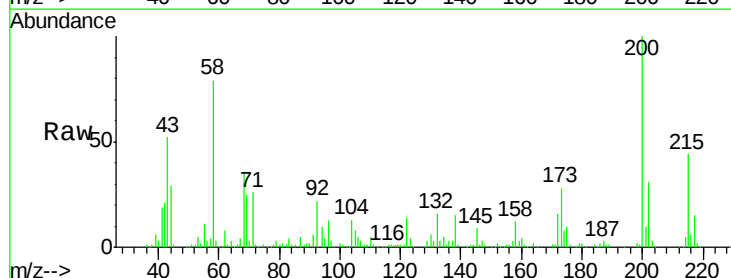
Tgt Ion:200 Resp: 248211

Ion Ratio Lower Upper

200 100

173 28.5 9.6 49.6

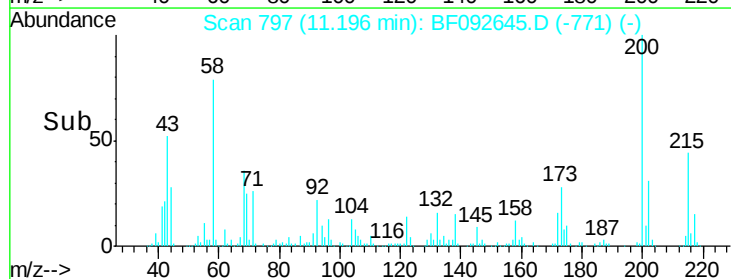
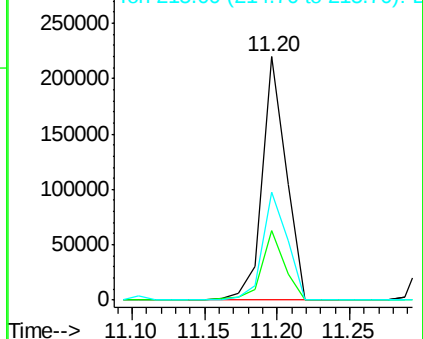
215 44.4 25.7 65.7

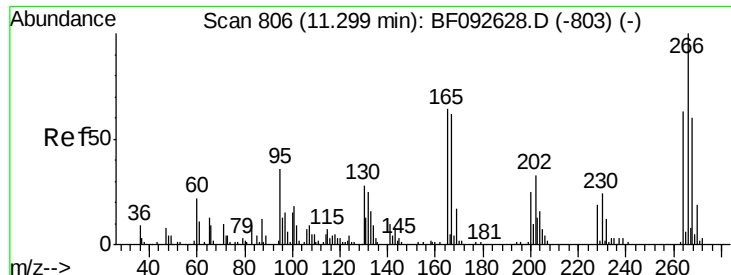


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

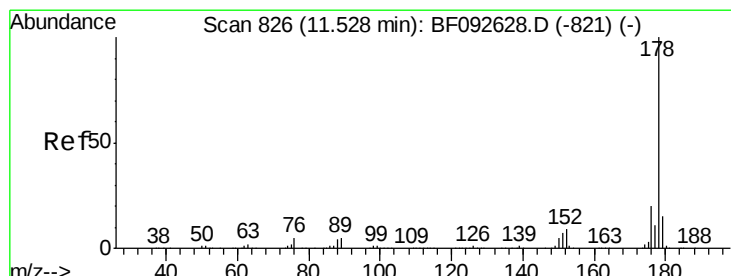
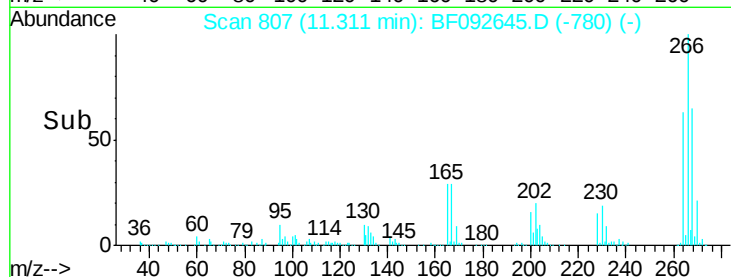
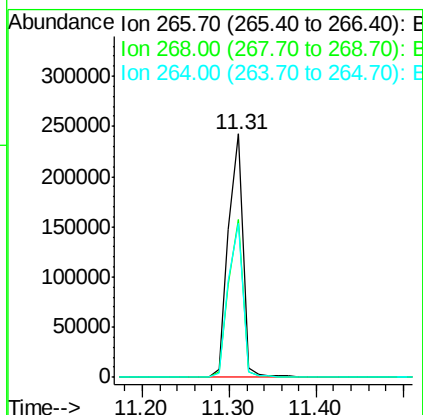
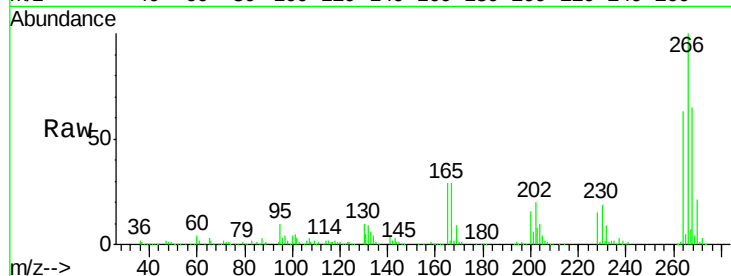




#69
 Pentachlorophenol
 Concen: 87.97 ng
 RT: 11.31 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: BF092645.D
 Acq: 30 Jan 2017 20:38

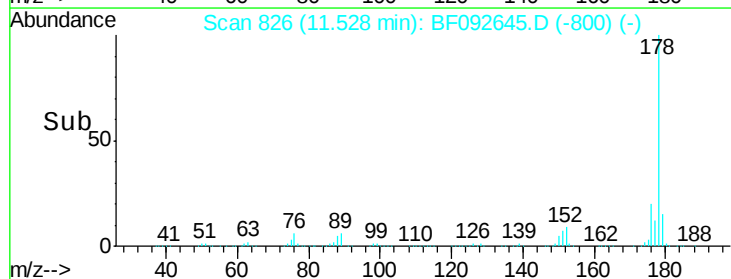
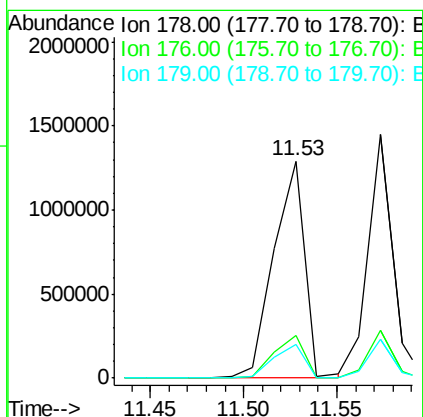
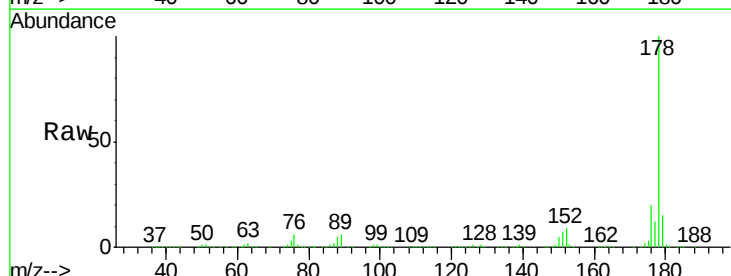
Instrument :
 BNA_F
 ClientSampleId :
 PB96538BS

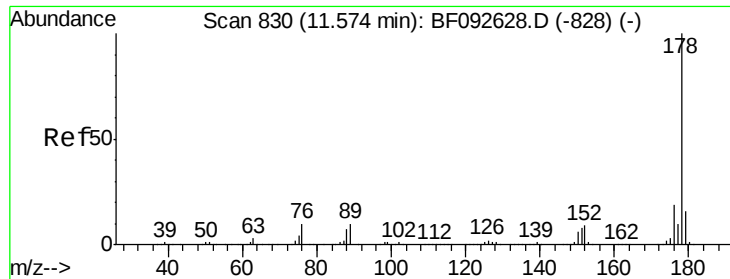
Tgt Ion: 266 Resp: 287000
 Ion Ratio Lower Upper
 266 100
 268 64.9 53.3 79.9
 264 63.0 50.3 75.5



#70
 Phenanthrene
 Concen: 42.75 ng
 RT: 11.53 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF092645.D
 Acq: 30 Jan 2017 20:38

Tgt Ion: 178 Resp: 1486151
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.6 25.0
 179 15.4 12.8 19.2

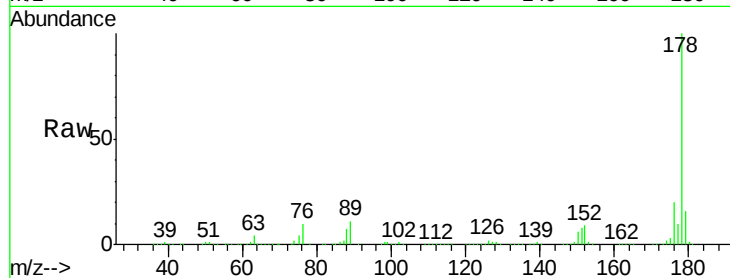




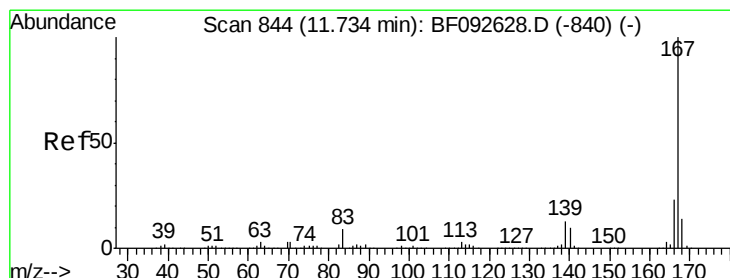
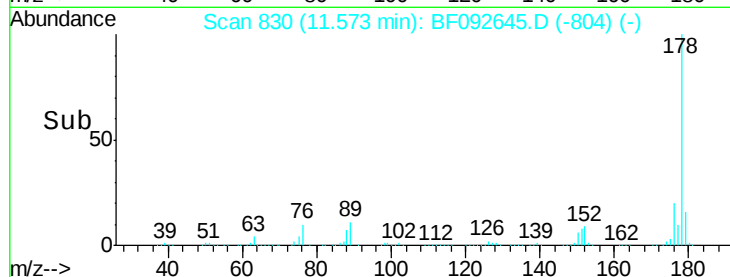
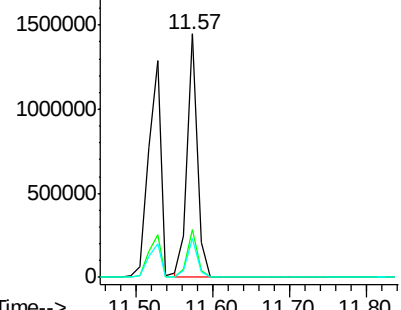
#71
 Anthracene
 Concen: 37.67 ng
 RT: 11.57 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF092645.D
 Acq: 30 Jan 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 PB96538BS

Tgt Ion:178 Resp: 1315012
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 16.1 13.2 19.8

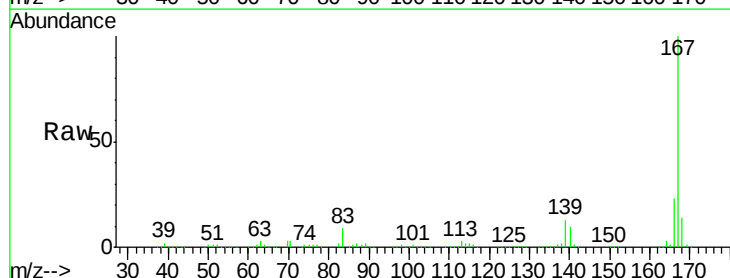


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

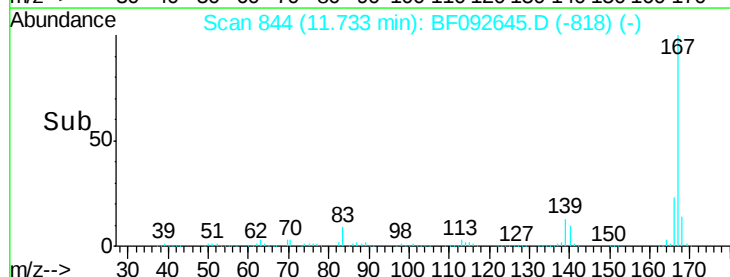
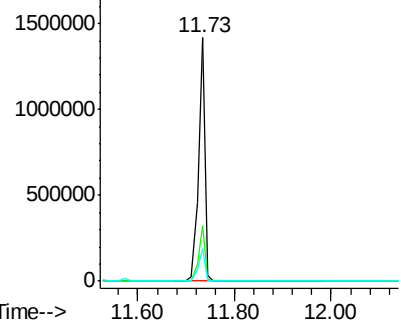


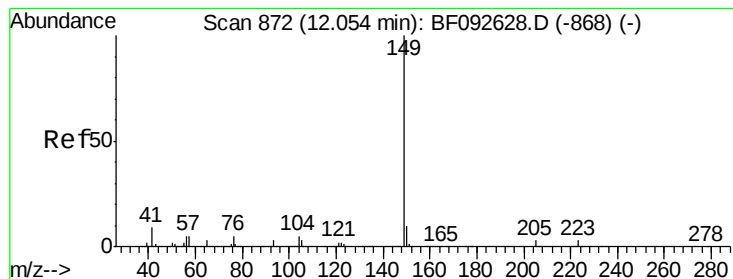
#72
 Carbazole
 Concen: 40.42 ng
 RT: 11.73 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF092645.D
 Acq: 30 Jan 2017 20:38

Tgt Ion:167 Resp: 1348596
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.2
 139 13.2 11.4 17.2



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





#73

Di-n-butylphthalate

Concen: 42.12 ng

RT: 12.05 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

Instrument :

BNA_F

ClientSampleId :

PB96538BS

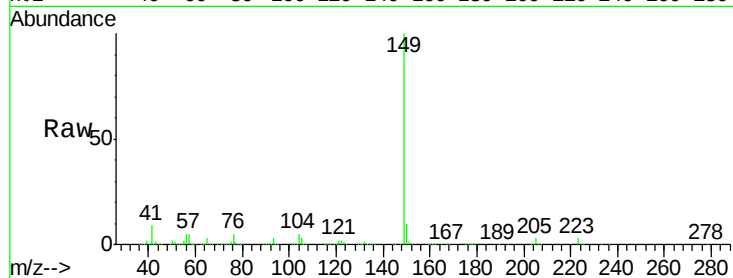
Tgt Ion:149 Resp: 1520038

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

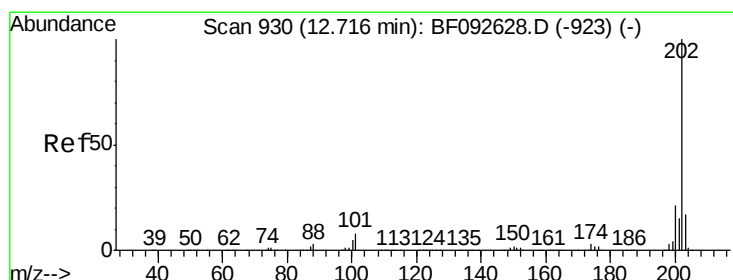
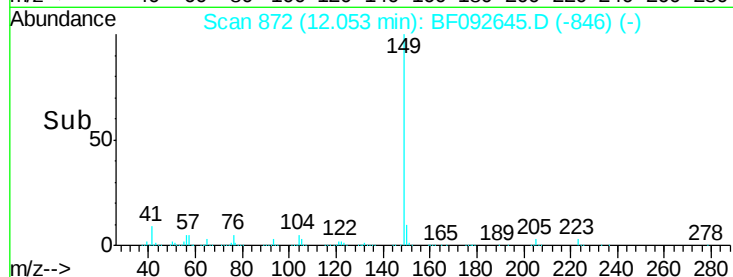
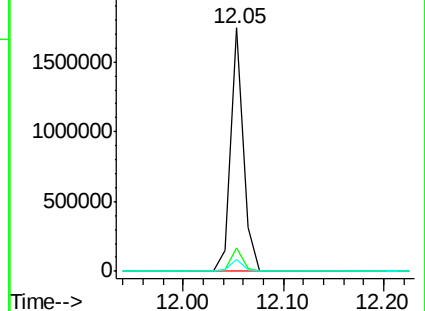
104 4.7 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.67 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

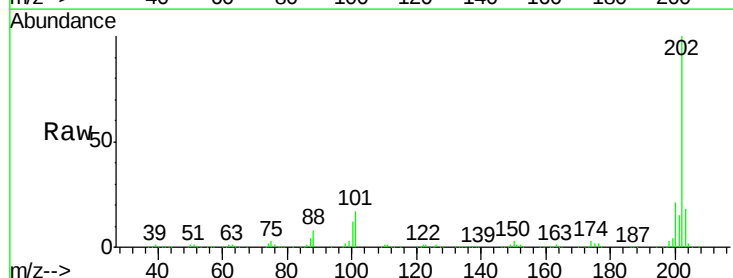
Tgt Ion:202 Resp: 1422407

Ion Ratio Lower Upper

202 100

101 16.5 0.0 34.6

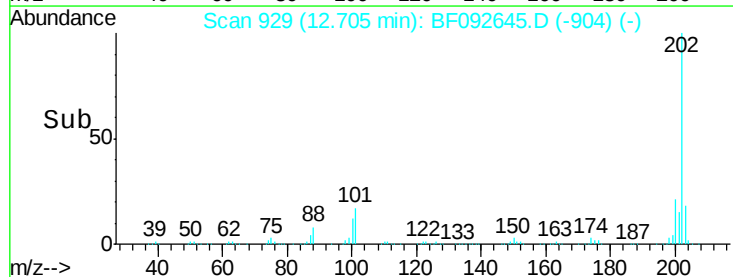
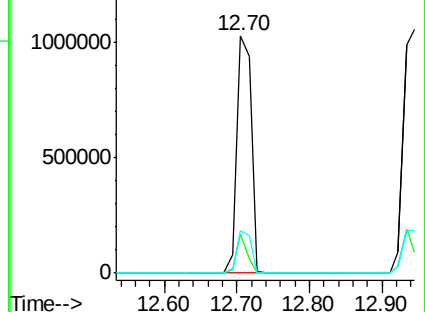
203 17.9 0.0 38.7

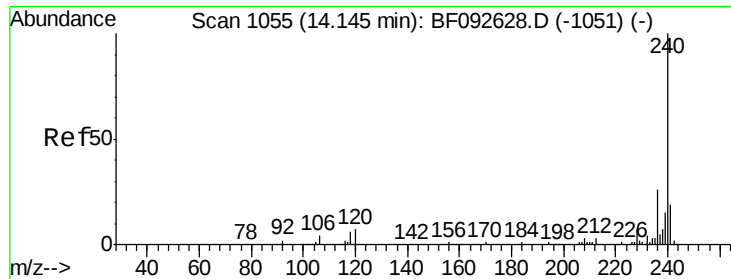


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

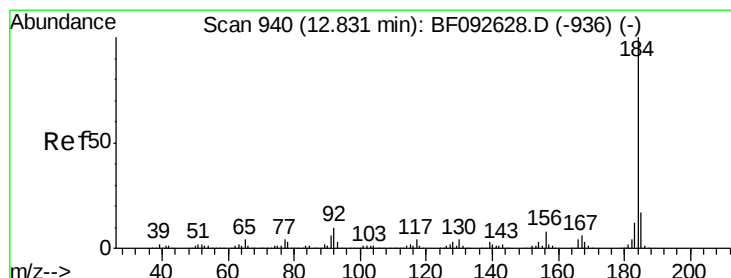
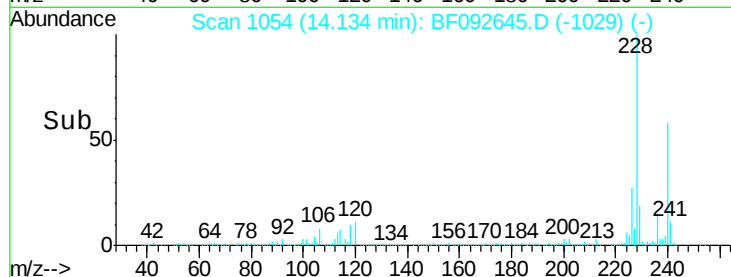
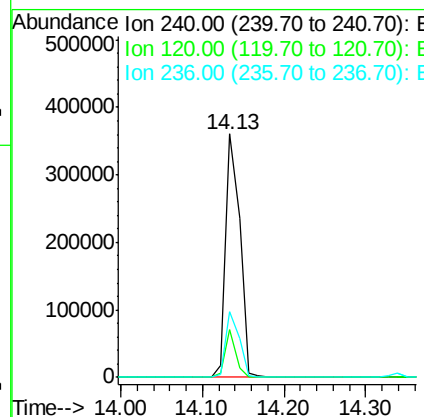
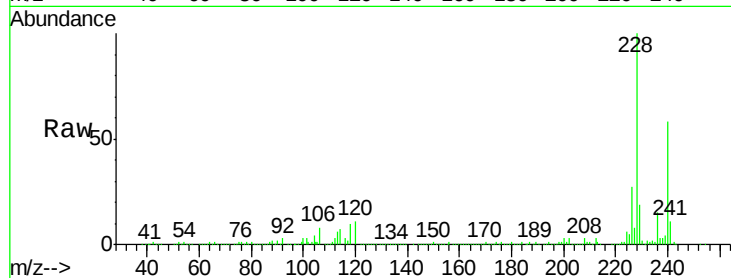




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF092645.D
Acq: 30 Jan 2017 20:38

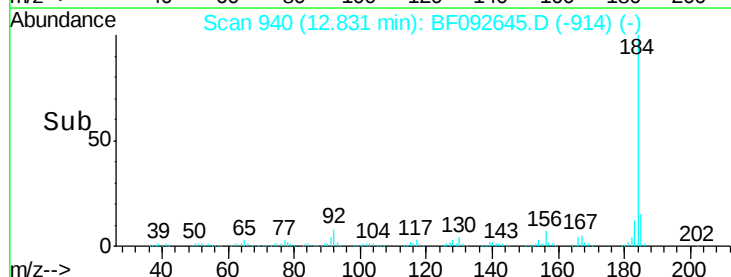
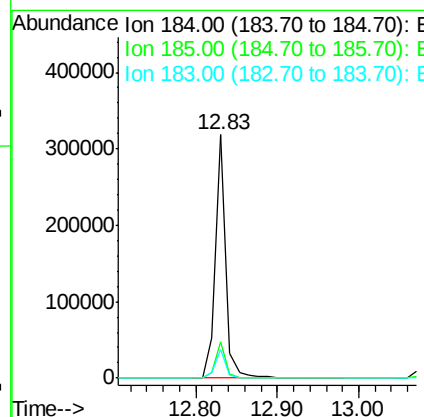
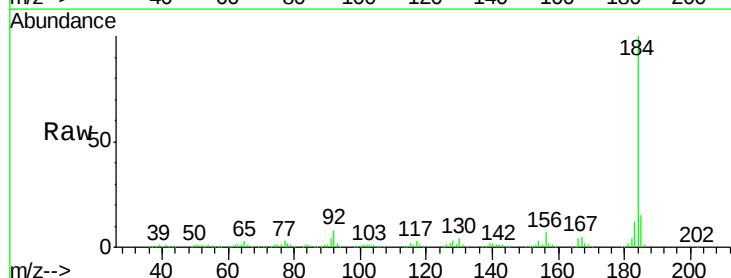
Instrument :
BNA_F
ClientSampleId :
PB96538BS

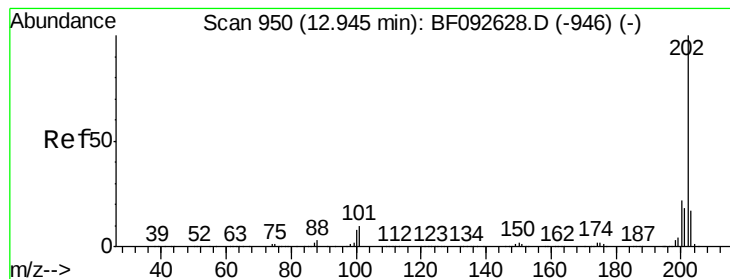
Tgt Ion:240 Resp: 429993
Ion Ratio Lower Upper
240 100
120 19.6 12.9 19.3#
236 26.9 20.9 31.3



#76
Benzidine
Concen: 15.89 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF092645.D
Acq: 30 Jan 2017 20:38

Tgt Ion:184 Resp: 291228
Ion Ratio Lower Upper
184 100
185 15.1 13.4 20.0
183 12.0 9.2 13.8





#77

Pyrene

Concen: 46.02 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

Instrument :

BNA_F

ClientSampleId :

PB96538BS

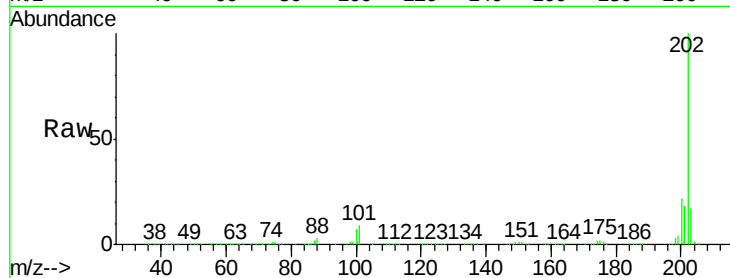
Tgt Ion:202 Resp: 1480810

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

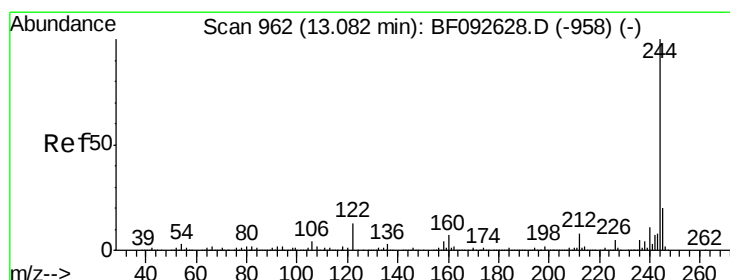
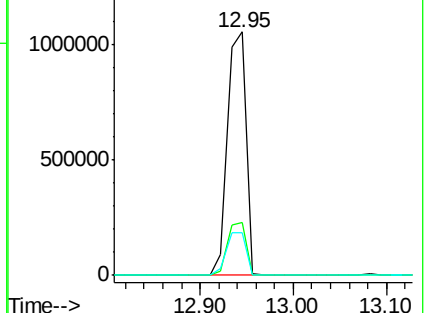
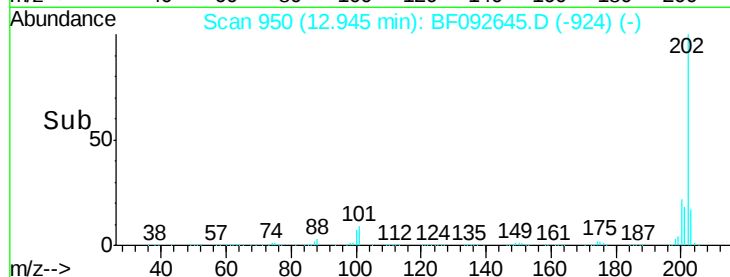
203 17.3 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 82.31 ng

RT: 13.08 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

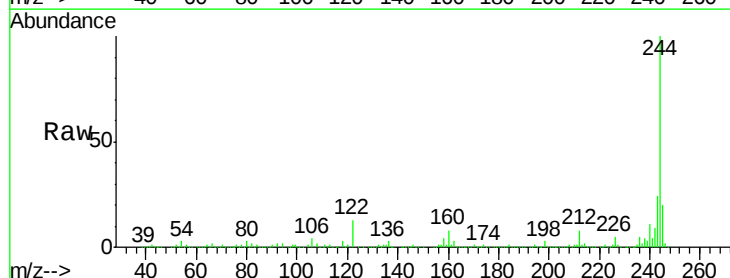
Tgt Ion:244 Resp: 1506316

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

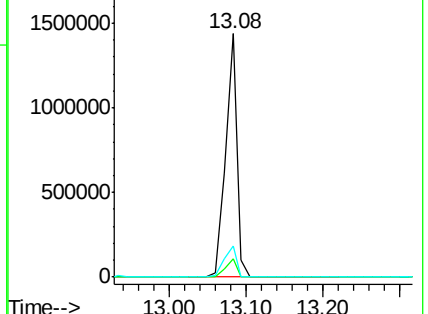
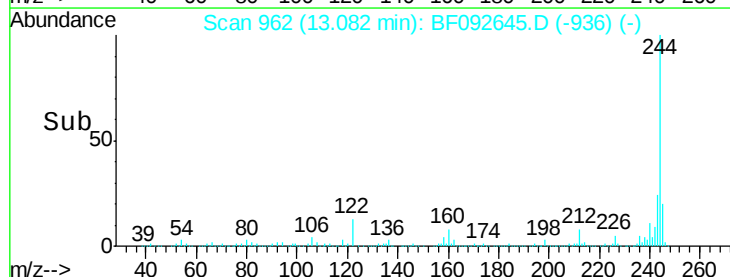
122 12.5 11.4 17.2

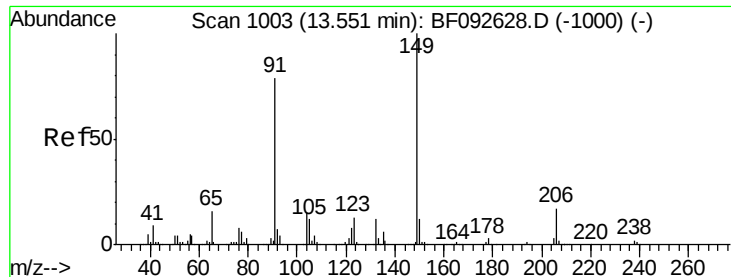


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 48.56 ng

RT: 13.55 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

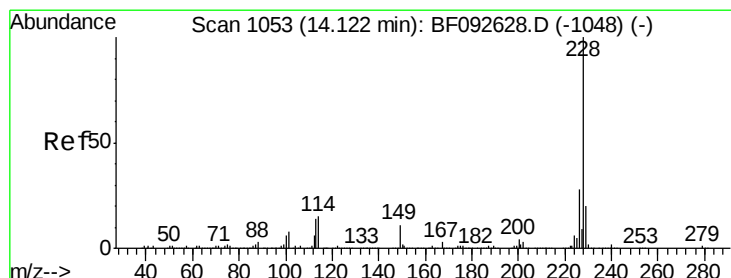
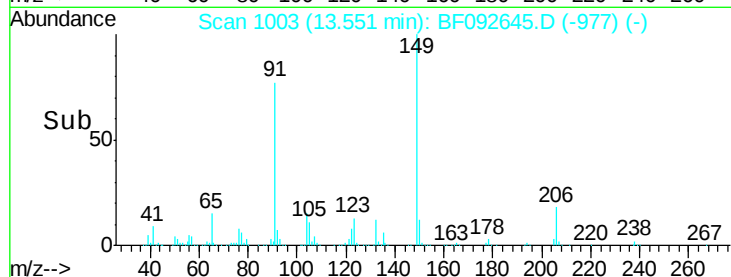
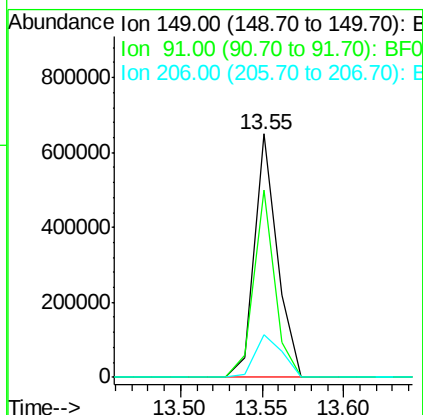
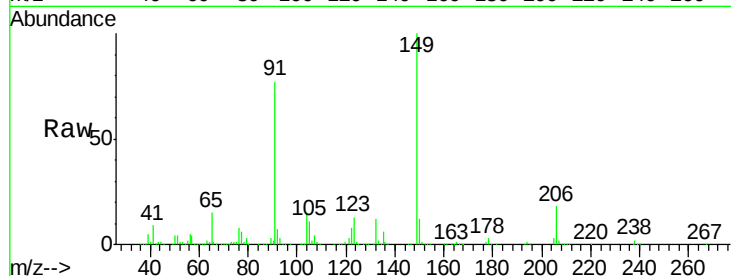
Instrument :

BNA_F

ClientSampleId :

PB96538BS

Tgt Ion:	149	Resp:	634566
Ion Ratio	Lower	Upper	
149	100		
91	76.8	63.9	95.9
206	17.6	14.6	21.8



#80

Benzo(a)anthracene

Concen: 43.95 ng

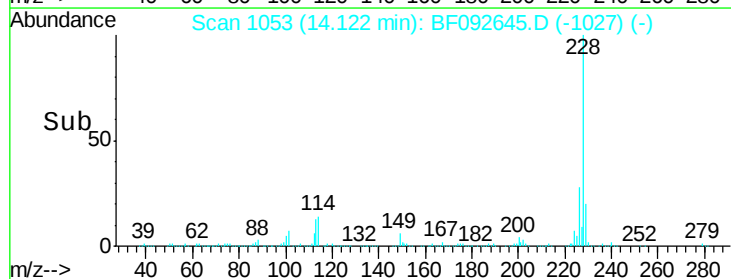
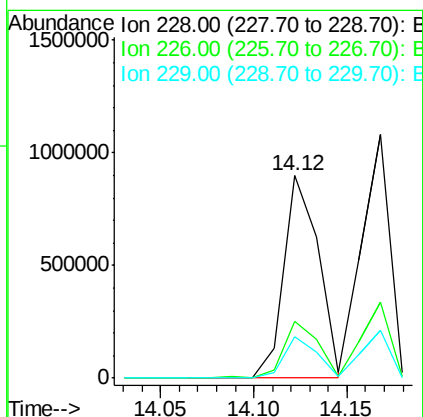
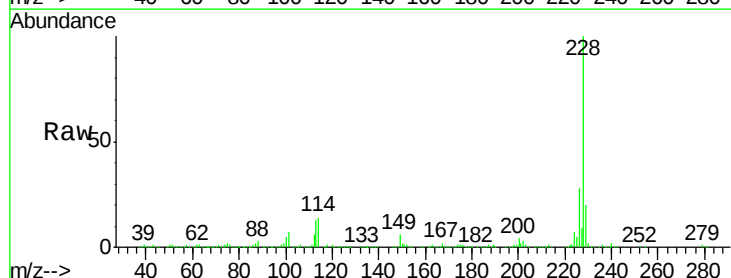
RT: 14.12 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

Tgt Ion:	228	Resp:	1155758
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.4	33.6
229	20.2	16.2	24.4

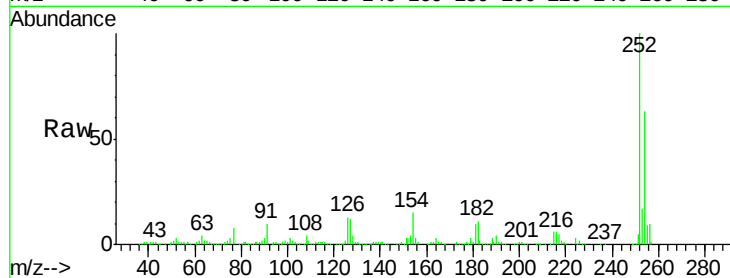




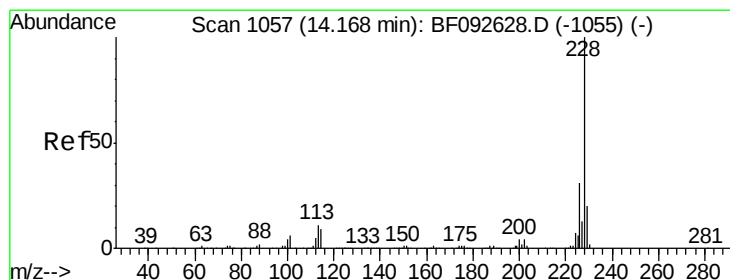
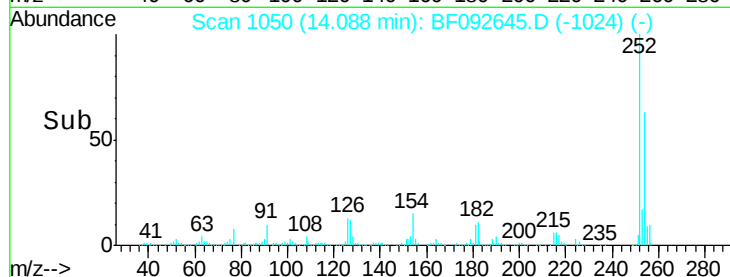
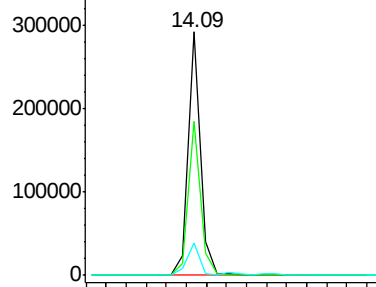
#81
 3,3'-Dichlorobenzidine
 Concen: 26.54 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF092645.D
 Acq: 30 Jan 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 PB96538BS

Tgt Ion: 252 Resp: 248840
 Ion Ratio Lower Upper
 252 100
 254 63.1 52.3 78.5
 126 13.1 13.6 20.4#

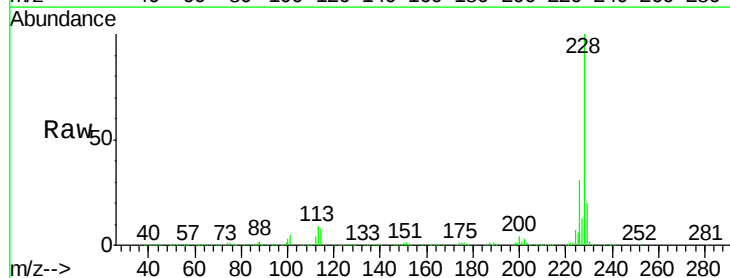


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

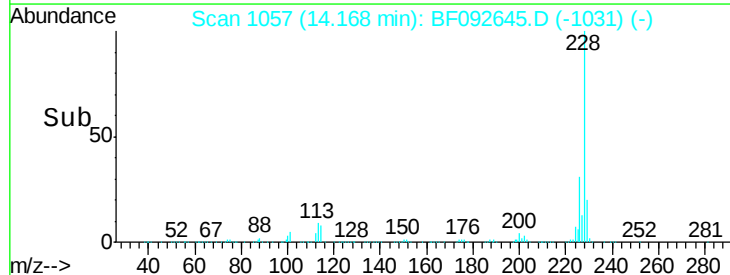
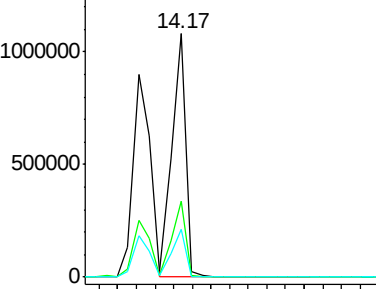


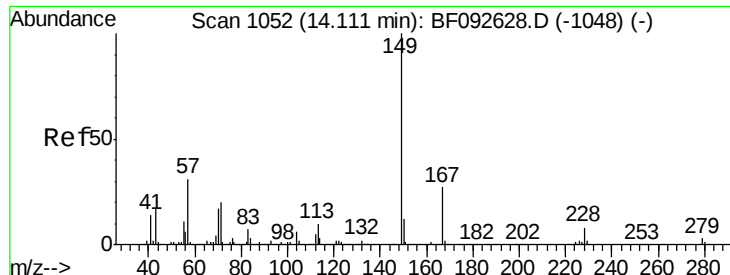
#82
 Chrysene
 Concen: 45.85 ng
 RT: 14.17 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BF092645.D
 Acq: 30 Jan 2017 20:38

Tgt Ion: 228 Resp: 1128923
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.4 38.0
 229 19.6 16.2 24.2



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.30 ng

RT: 14.11 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

Instrument :

BNA_F

ClientSampleId :

PB96538BS

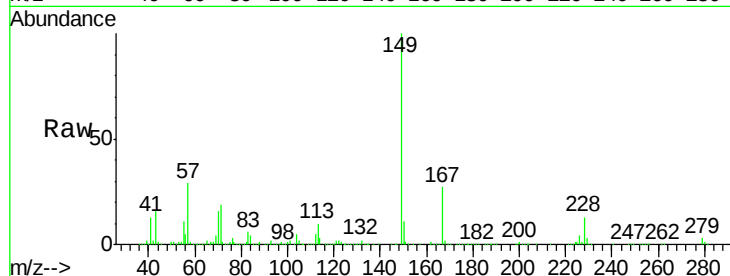
Tgt Ion:149 Resp: 898995

Ion Ratio Lower Upper

149 100

167 26.8 20.2 30.4

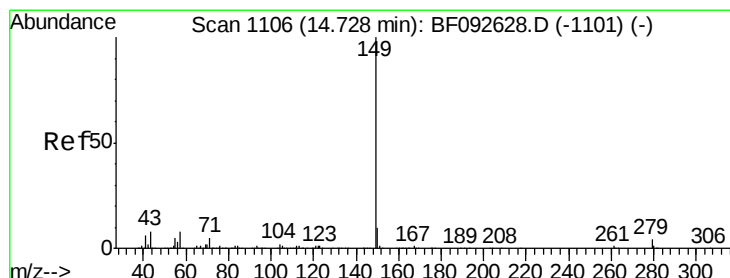
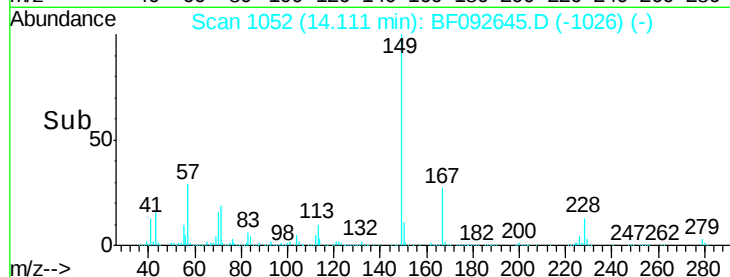
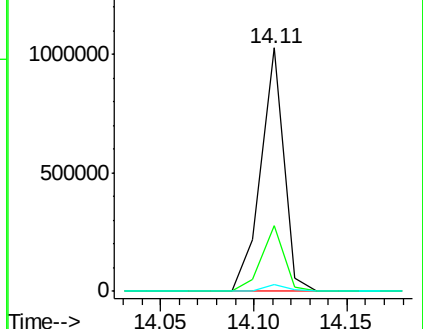
279 3.0 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 50.98 ng

RT: 14.73 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

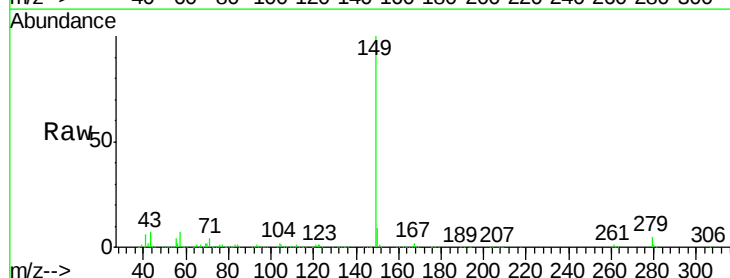
Tgt Ion:149 Resp: 1483538

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

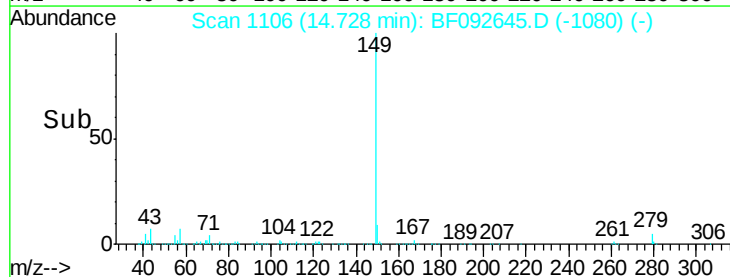
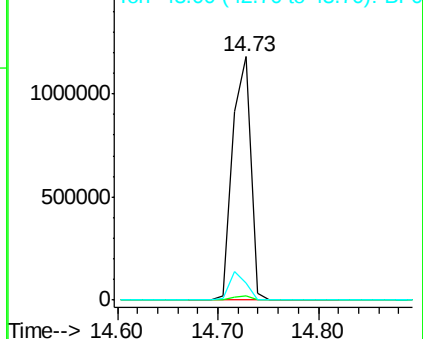
43 10.8 8.9 13.3

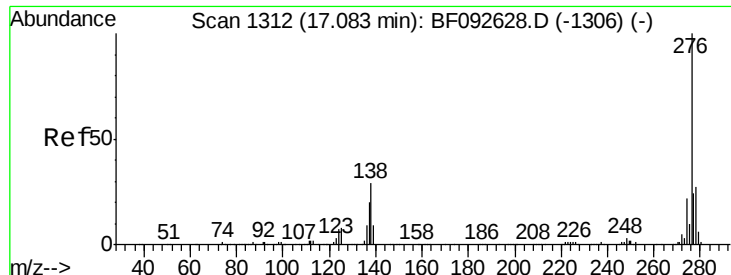


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

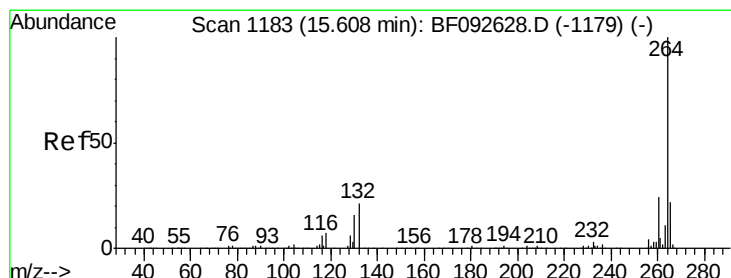
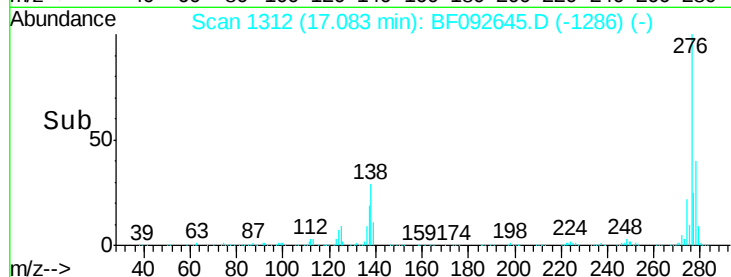
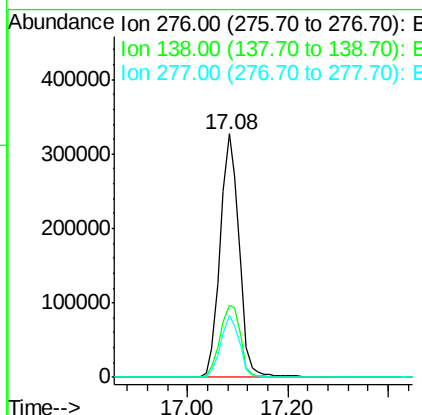
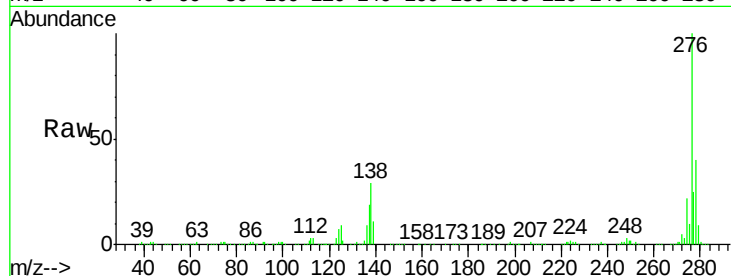




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.87 ng
 RT: 17.08 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF092645.D
 Acq: 30 Jan 2017 20:38

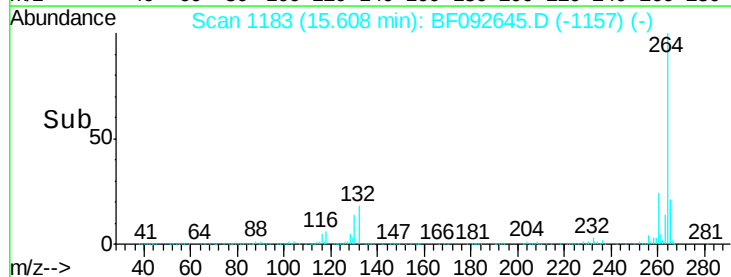
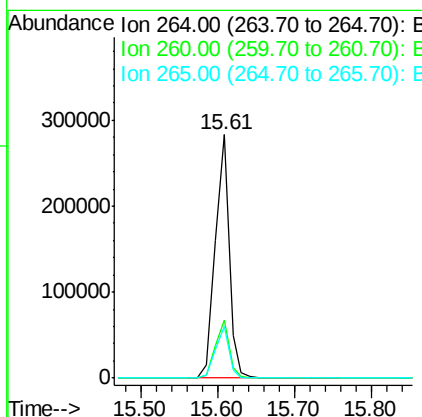
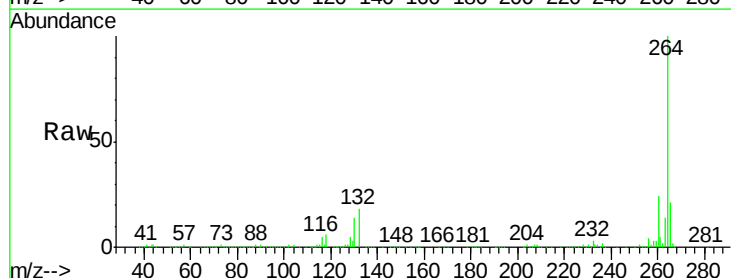
Instrument :
 BNA_F
 ClientSampleId :
 PB96538BS

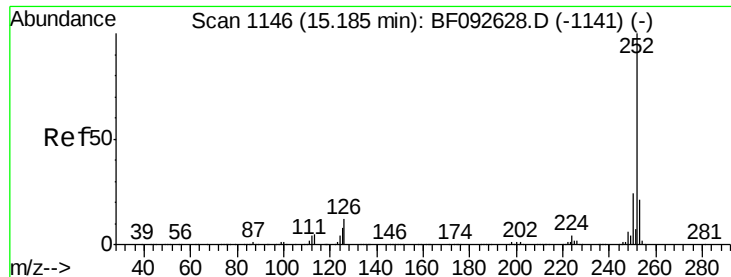
Tgt Ion: 276 Resp: 855789
 Ion Ratio Lower Upper
 276 100
 138 32.3 21.8 32.6
 277 25.4 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.61 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF092645.D
 Acq: 30 Jan 2017 20:38

Tgt Ion: 264 Resp: 356677
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.4 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 46.68 ng

RT: 15.17 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

Instrument :

BNA_F

ClientSampleId :

PB96538BS

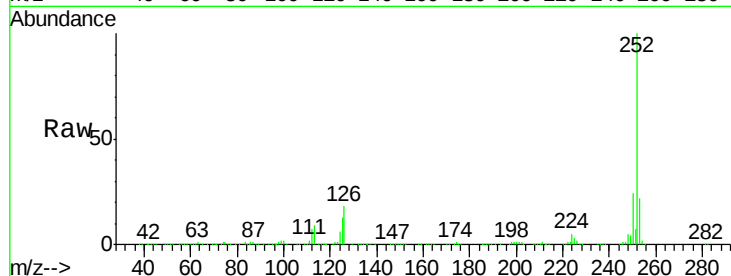
Tgt Ion:252 Resp: 1095979

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

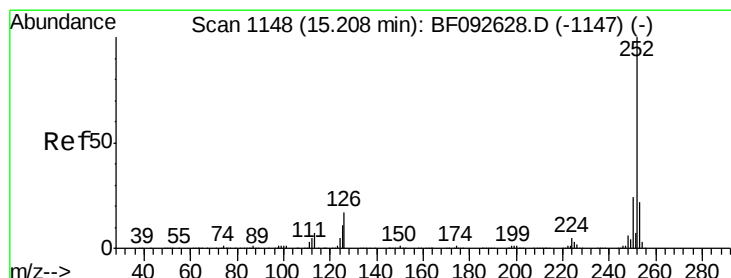
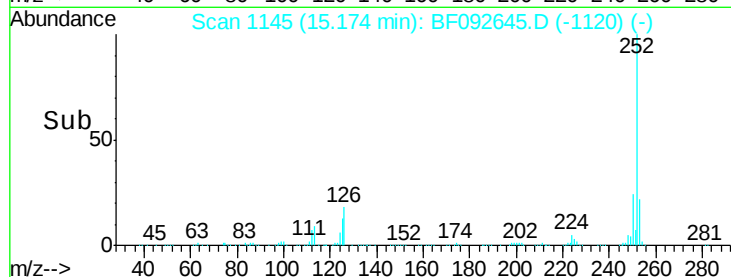
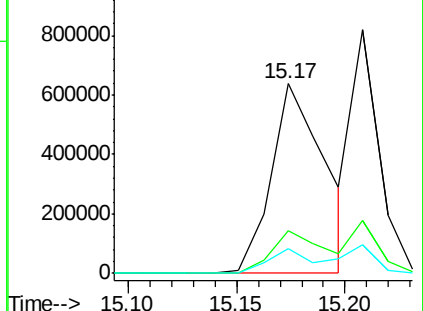
125 13.3 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 54.07 ng

RT: 15.17 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

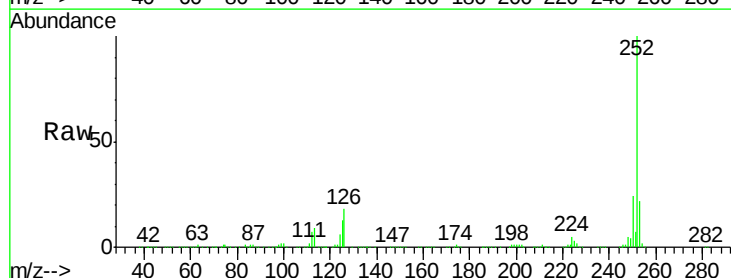
Tgt Ion:252 Resp: 1095979

Ion Ratio Lower Upper

252 100

253 22.2 18.5 27.7

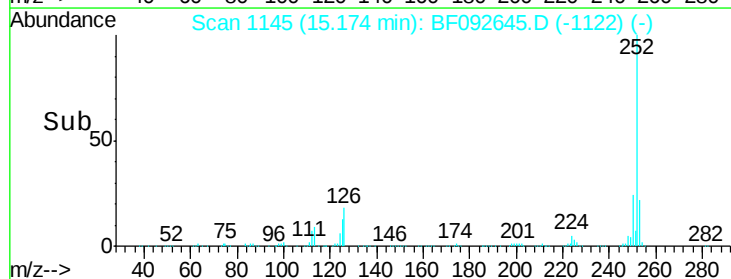
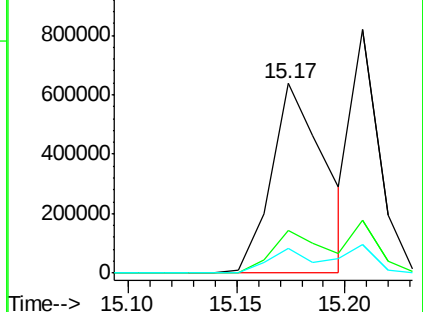
125 13.3 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.59 ng

RT: 15.55 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

Instrument :

BNA_F

ClientSampleId :

PB96538BS

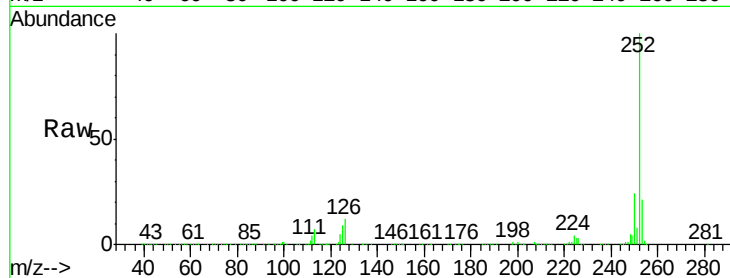
Tgt Ion:252 Resp: 864862

Ion Ratio Lower Upper

252 100

253 21.3 18.2 27.2

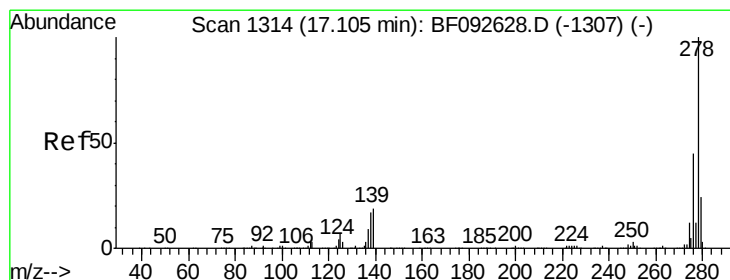
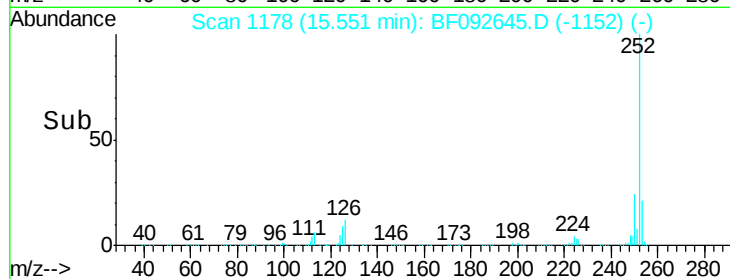
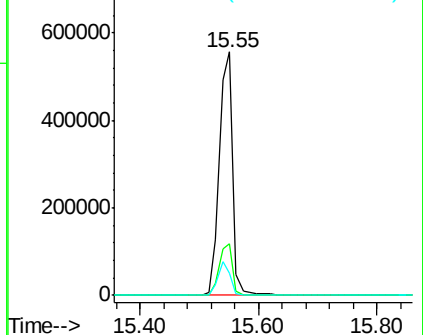
125 9.3 10.0 15.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.49 ng

RT: 17.11 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BF092645.D

Acq: 30 Jan 2017 20:38

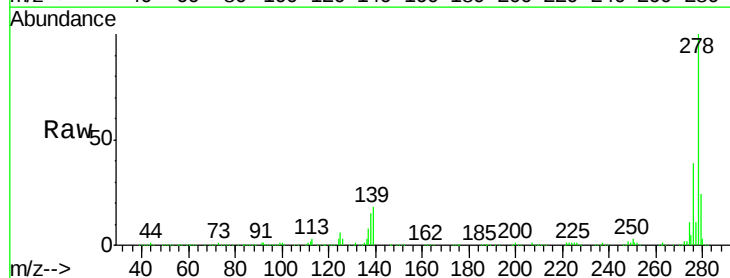
Tgt Ion:278 Resp: 713855

Ion Ratio Lower Upper

278 100

139 17.8 14.8 22.2

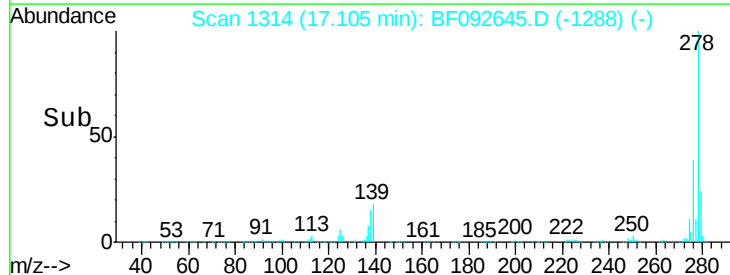
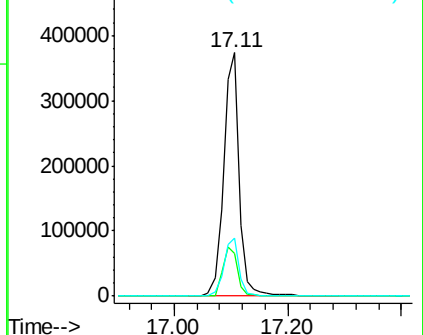
279 23.7 19.8 29.6

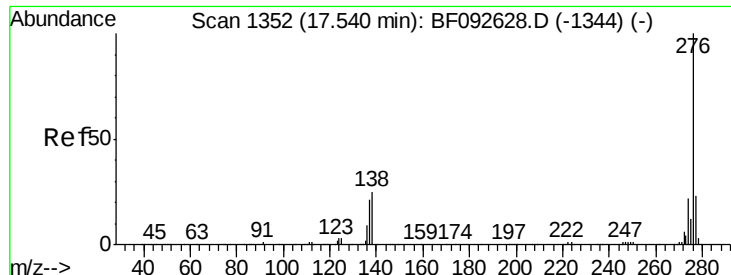


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

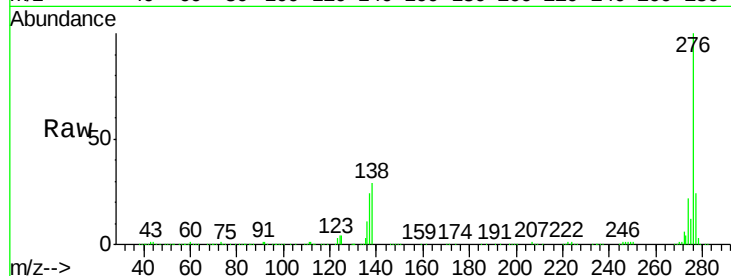




#91
 Benzo(g,h,i)perylene
 Concen: 43.89 ng
 RT: 17.53 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF092645.D
 Acq: 30 Jan 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 PB96538BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	28.7	16.0	24.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

