

Data Path : Z:\HPCHEM1\BNA F\Data\BF031716\
 Data File : BF085534.D
 Acq On : 18 Mar 2016 12:57
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 18 12:35:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	146126	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	586294	20.00	ng	-0.05
38) Acenaphthene-d10	9.92	164	237512	20.00	ng	-0.03
63) Phenanthrene-d10	11.40	188	378529	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	278560	20.00	ng	-0.05
86) Perylene-d12	15.48	264	249014	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	742231	87.31	ng	-0.05
7) Phenol-d6	6.52	99	946746	85.86	ng	-0.03
23) Nitrobenzene-d5	7.44	82	744939	75.12	ng	-0.05
41) 2,4,6-Tribromophenol	10.71	330	176181	80.54	ng	-0.05
44) 2-Fluorobiphenyl	9.24	172	1203960	87.94	ng	-0.05
78) Terphenyl-d14	12.99	244	909352	73.85	ng	-0.05

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.48	88	176455	41.60	ng	97
3) Pyridine	3.22	79	454169	45.10	ng	95
4) n-Nitrosodimethylamine	3.17	42	178806	38.45	ng	94
6) Aniline	6.54	93	617821	40.59	ng	96
8) 2-Chlorophenol	6.66	128	420431	42.18	ng	86
9) Benzaldehyde	6.42	77	227460	36.94	ng	89
10) Phenol	6.53	94	562284	45.49	ng	89
11) bis(2-Chloroethyl)ether	6.61	93	384082	40.41	ng	93
12) 1,3-Dichlorobenzene	6.89	146	468849	42.44	ng	97
13) 1,4-Dichlorobenzene	6.89	146	468849	42.37	ng	96
14) 1,2-Dichlorobenzene	7.04	146	385797	39.73	ng	95
15) Benzyl Alcohol	7.02	79	315560	40.07	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	514838	39.78	ng	96
17) 2-Methylphenol	7.13	107	329625	39.50	ng	98
18) Hexachloroethane	7.38	117	135639	33.42	ng	90
19) n-Nitroso-di-n-propylamine	7.29	70	230774	34.95	ng	# 92
20) 3+4-Methylphenols	7.29	107	401798	44.92	ng	# 74
22) Acetophenone	7.29	105	559305	38.93	ng	# 98
24) Nitrobenzene	7.46	77	475870	42.59	ng	92
25) Isophorone	7.70	82	796499	39.39	ng	97
26) 2-Nitrophenol	7.77	139	182817	34.16	ng	# 64
27) 2,4-Dimethylphenol	7.82	122	381851	40.11	ng	95
28) bis(2-Chloroethoxy)methane	7.91	93	432490	35.77	ng	100
29) 2,4-Dichlorophenol	8.02	162	321300	41.60	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	353072	39.57	ng	98
31) Naphthalene	8.18	128	1113957	38.88	ng	99
32) Benzoic acid	7.94	122	251894	46.01	ng	# 87
33) 4-Chloroaniline	8.23	127	423950	34.40	ng	99
34) Hexachlorobutadiene	8.30	225	177671	38.09	ng	97
35) Caprolactam	8.62	113	108294	42.94	ng	# 74
36) 4-Chloro-3-methylphenol	8.72	107	339584	38.51	ng	# 84
37) 2-Methylnaphthalene	8.87	142	652465	35.97	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	313595	42.45	ng	98
40) Hexachlorocyclopentadiene	9.03	237	30745	8.61	ng	99

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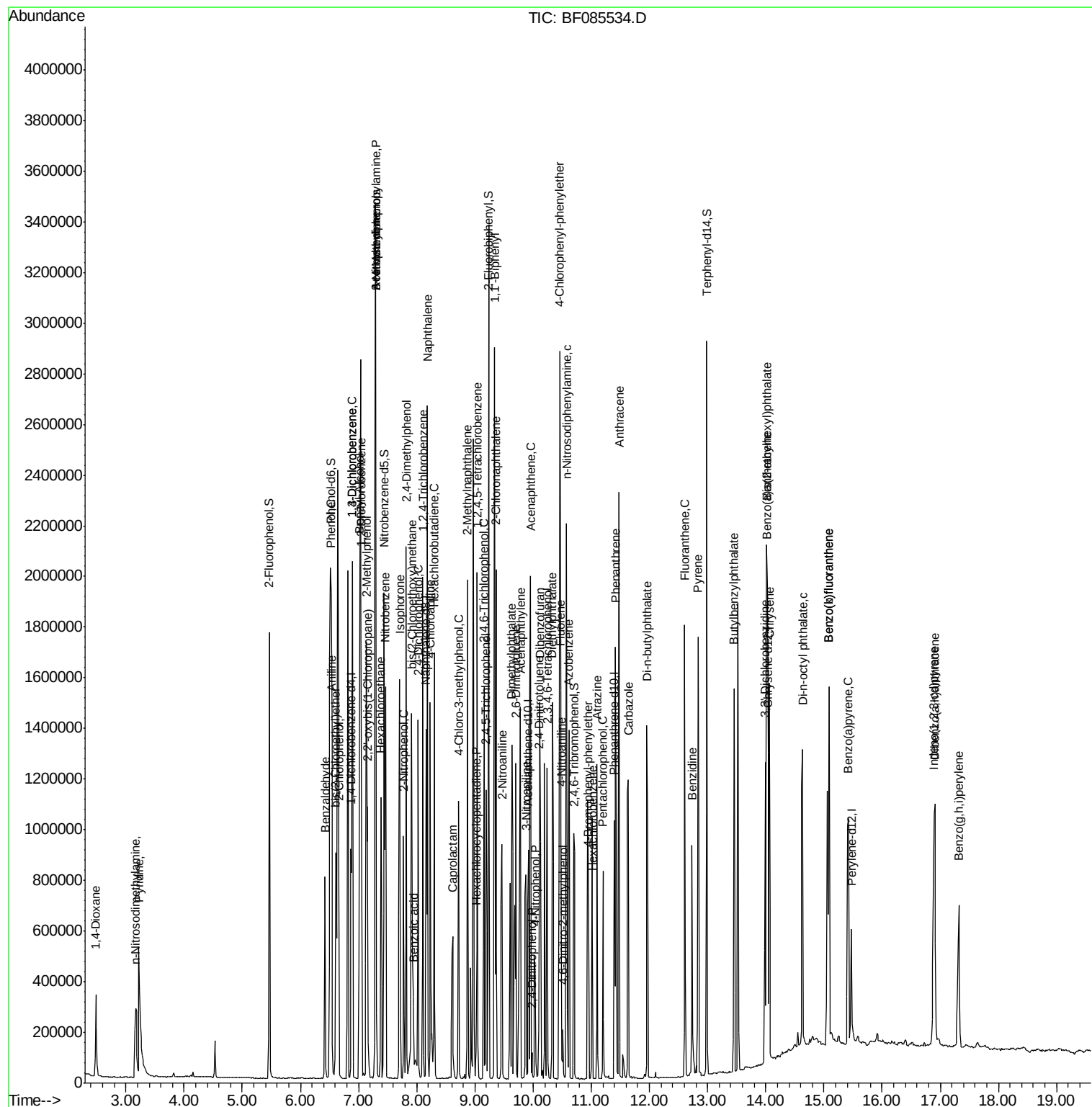
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	219101	44.91	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	197798	40.14	nq	# 92
45) 1,1'-Biphenyl	9.34	154	809841	41.77	nq	98
46) 2-Chloronaphthalene	9.36	162	581012	40.00	nq	# 92
47) 2-Nitroaniline	9.46	65	202765	46.10	nq	# 57
48) Acenaphthylene	9.78	152	996178	42.39	nq	96
49) Dimethylphthalate	9.64	163	758522	43.77	nq	98
50) 2,6-Dinitrotoluene	9.70	165	160847	42.02	nq	94
51) Acenaphthene	9.96	154	593638	40.18	nq	98
52) 3-Nitroaniline	9.88	138	211128	46.12	nq	92
53) 2,4-Dinitrophenol	9.98	184	14084	13.01	nq	# 50
54) Dibenzofuran	10.12	168	735922	40.55	nq	97
55) 4-Nitrophenol	10.04	139	122234	38.79	nq	91
56) 2,4-Dinitrotoluene	10.10	165	174504	36.34	nq	98
57) Fluorene	10.47	166	582756	40.27	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	137944	40.77	nq	95
59) Diethylphthalate	10.33	149	708252	42.22	nq	94
60) 4-Chlorophenyl-phenylether	10.46	204	327568	44.05	nq	# 87
61) 4-Nitroaniline	10.48	138	164775	38.28	nq	98
62) Azobenzene	10.62	77	684387	41.08	nq	89
64) 4,6-Dinitro-2-methylphenol	10.52	198	26099	11.54	nq	90
65) n-Nitrosodiphenylamine	10.57	169	513707	44.04	nq	98
66) 4-Bromophenyl-phenylether	10.95	248	176914	46.18	nq	# 82
67) Hexachlorobenzene	11.02	284	167879	42.47	nq	# 82
68) Atrazine	11.10	200	128410	38.47	nq	99
69) Pentachlorophenol	11.20	266	85638	40.87	nq	98
70) Phenanthrene	11.42	178	801199	40.64	nq	98
71) Anthracene	11.48	178	849049	42.28	nq	99
72) Carbazole	11.64	167	737596	43.41	nq	97
73) Di-n-butylphthalate	11.96	149	1017161	48.32	nq	100
74) Fluoranthene	12.61	202	701344	37.84	nq	97
76) Benzidine	12.73	184	392328	45.34	nq	99
77) Pyrene	12.84	202	701066	33.56	nq	99
79) Butylbenzylphthalate	13.45	149	341310	37.36	nq	94
80) Benzo(a)anthracene	14.03	228	614094	38.45	nq	98
81) 3,3'-Dichlorobenzidine	13.99	252	258177	47.76	nq	# 97
82) Chrysene	14.06	228	550540	38.32	nq	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	463023	41.55	nq	99
84) Di-n-octyl phthalate	14.63	149	820467	50.43	nq	97
85) Indeno(1,2,3-cd)pyrene	16.89	276	566826	41.62	nq	96
87) Benzo(b)fluoranthene	15.09	252	1159461	71.30	nq	97
88) Benzo(k)fluoranthene	15.09	252	1160730	91.12	nq	98
89) Benzo(a)pyrene	15.42	252	553467	39.39	nq	99
90) Dibenzo(a,h)anthracene	16.91	278	489818	35.69	nq	97
91) Benzo(g,h,i)perylene	17.32	276	437723	31.23	nq	97

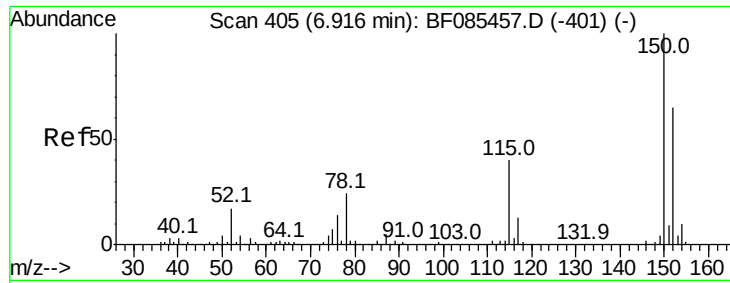
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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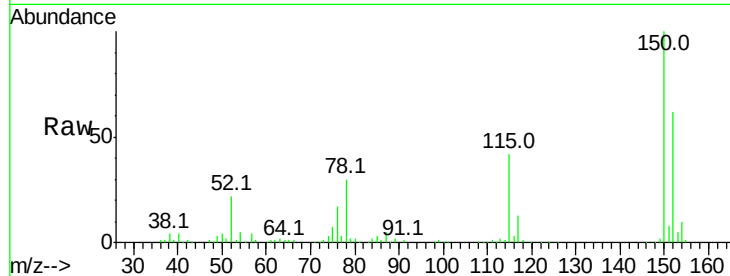


#1

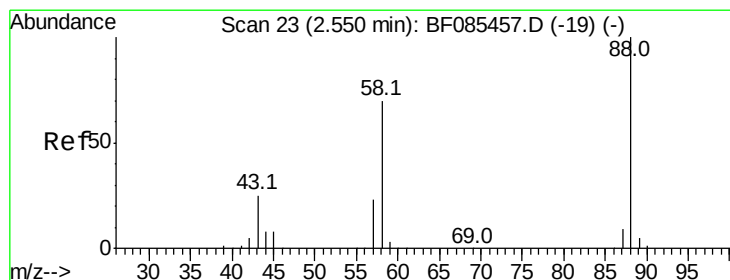
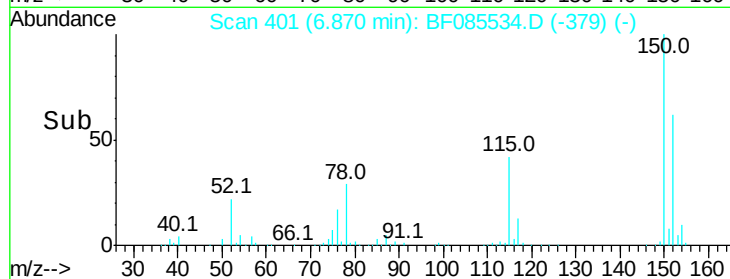
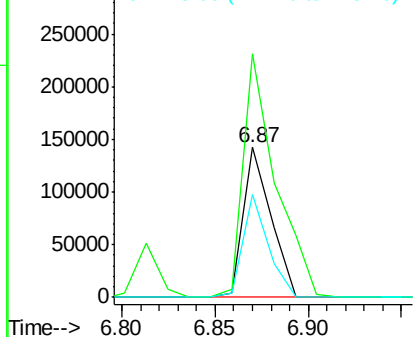
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 401
Delta R.T. -0.05 min
Lab File: BF085534.D
Acq: 18 Mar 2016 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 146126
Ion Ratio Lower Upper
152 100
150 162.4 124.6 186.8
115 69.0 46.6 70.0



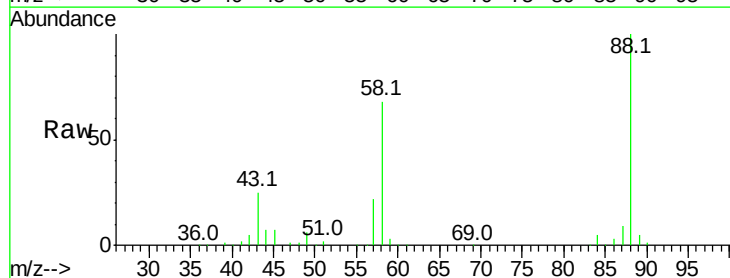
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



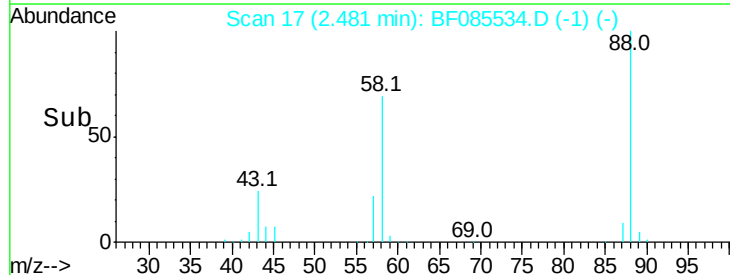
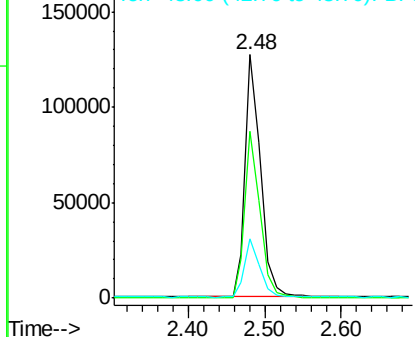
#2

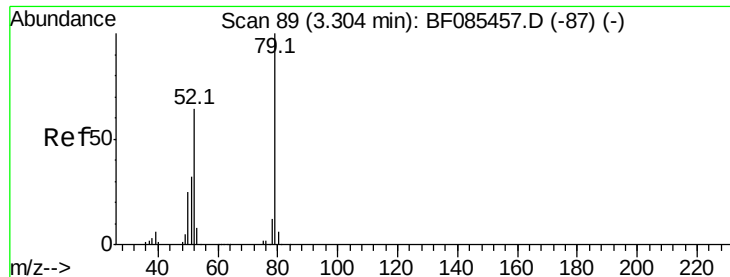
1,4-Dioxane
Concen: 41.60 ng
RT: 2.48 min Scan# 17
Delta R.T. -0.07 min
Lab File: BF085534.D
Acq: 18 Mar 2016 12:57

Tgt Ion: 88 Resp: 176455
Ion Ratio Lower Upper
88 100
58 69.0 57.0 85.6
43 24.2 20.5 30.7



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





#3

Pvridine

Concen: 45.10 ng

RT: 3.22 min Scan# 82

Delta R.T. -0.08 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

Instrument :

BNA_F

ClientSampled :

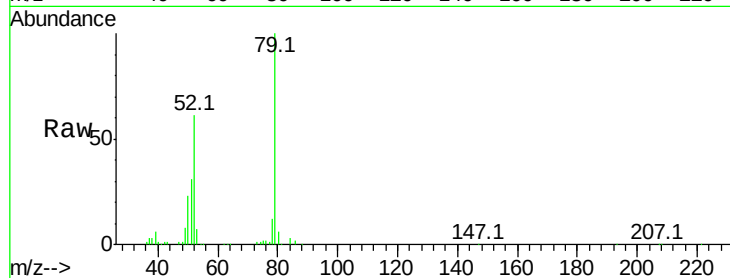
Tot Ion: 79 Resp: 454169

Ion Ratio Lower Upper

79 100

52 61.2 52.6 79.0

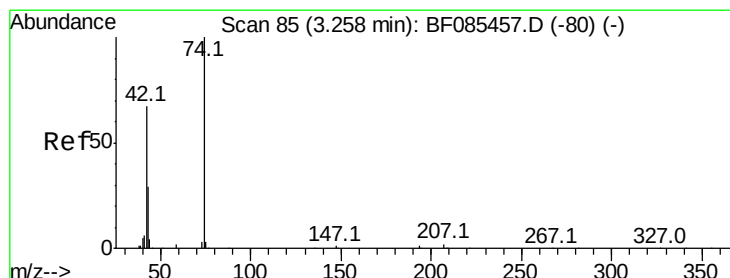
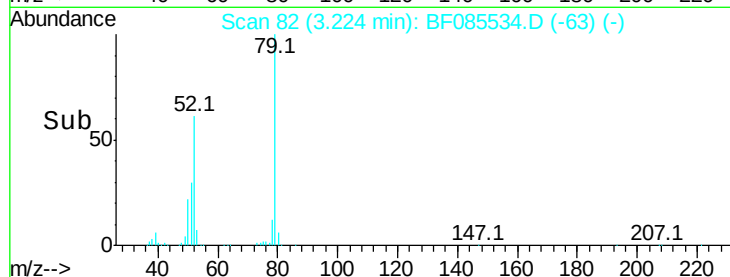
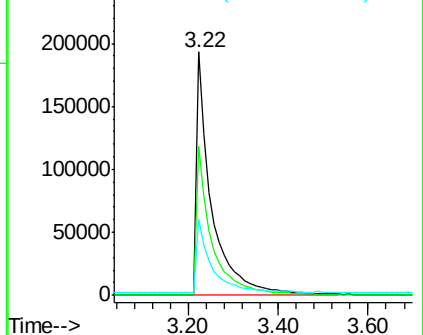
51 30.9 25.8 38.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.45 ng

RT: 3.17 min Scan# 77

Delta R.T. -0.09 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

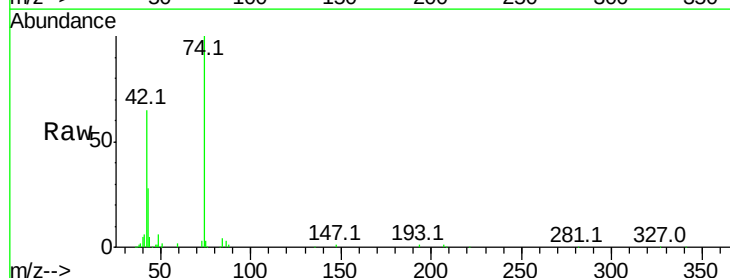
Tgt Ion: 42 Resp: 178806

Ion Ratio Lower Upper

42 100

74 153.9 116.8 175.2

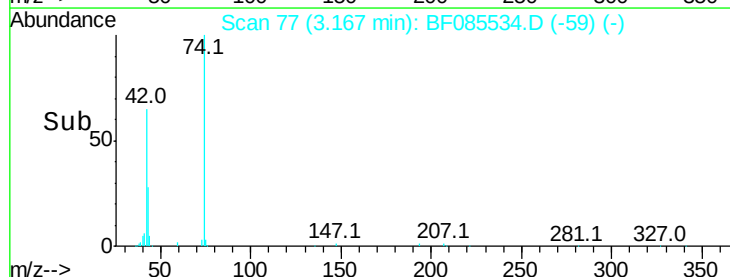
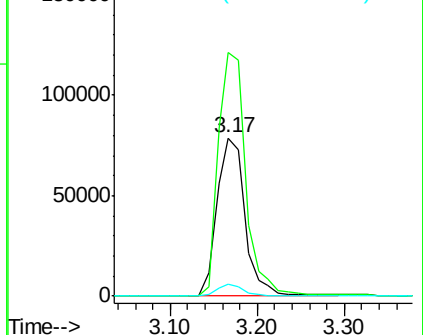
44 7.3 5.5 8.3

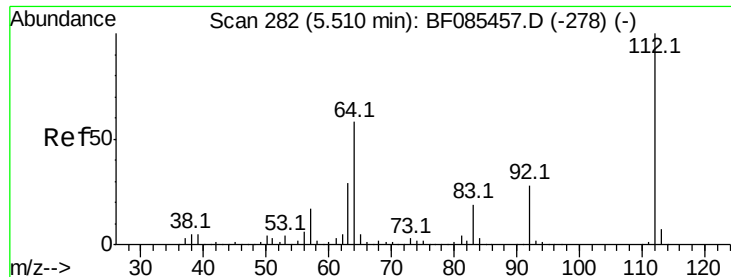


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 87.31 ng

RT: 5.46 min Scan# 278

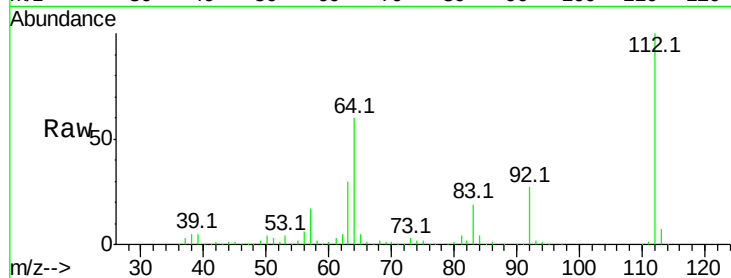
Delta R.T. -0.05 min

Lab File: BF085534.D

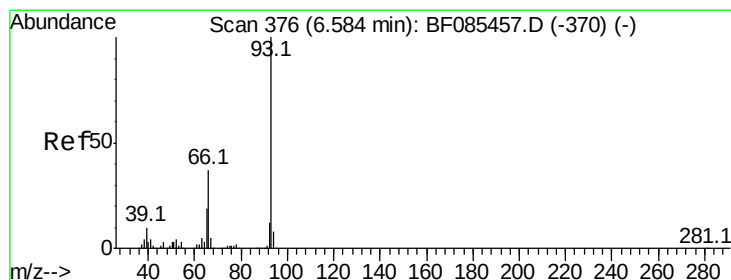
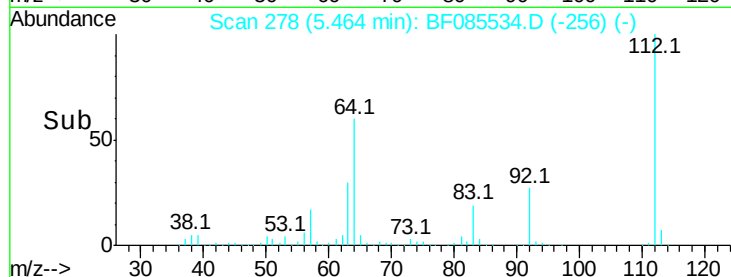
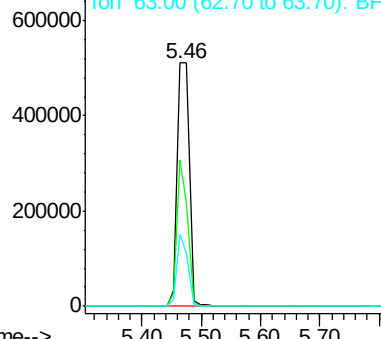
Acq: 18 Mar 2016 12:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	742231
Ion	Ratio	Lower	Upper
112	100		
64	59.9	49.0	73.4
63	29.9	24.8	37.2



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 40.59 ng

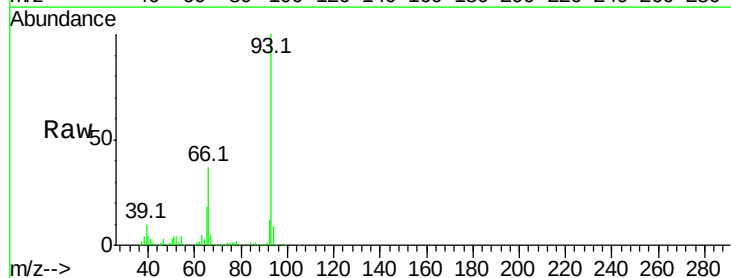
RT: 6.54 min Scan# 372

Delta R.T. -0.05 min

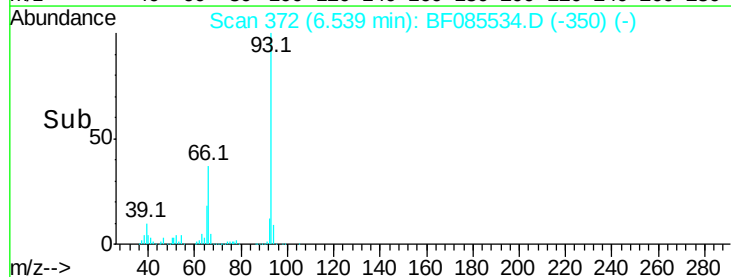
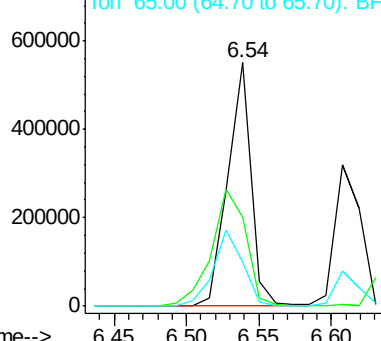
Lab File: BF085534.D

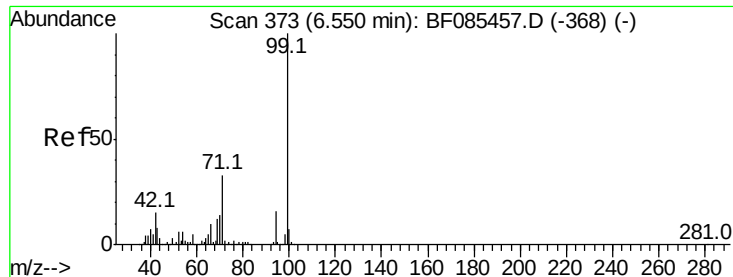
Acq: 18 Mar 2016 12:57

Tgt Ion:	93	Resp:	617821
Ion	Ratio	Lower	Upper
93	100		
66	36.6	31.6	47.4
65	18.3	15.8	23.8



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 85.86 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

Instrument :

BNA_F

ClientSampleId :

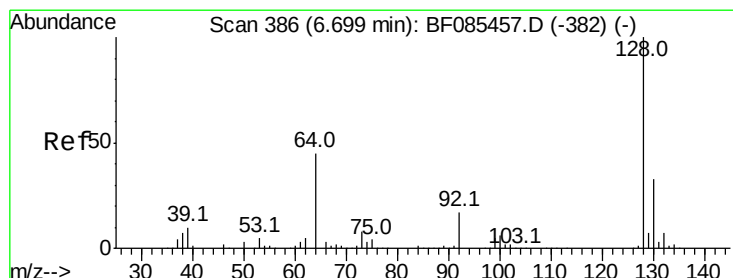
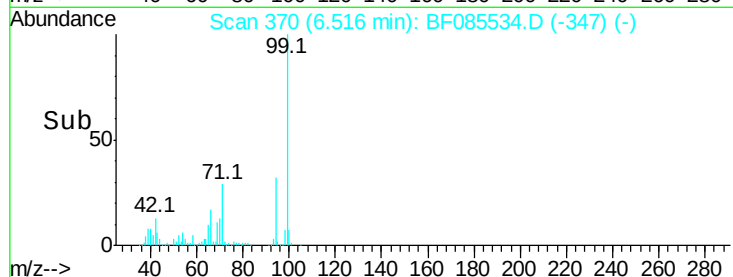
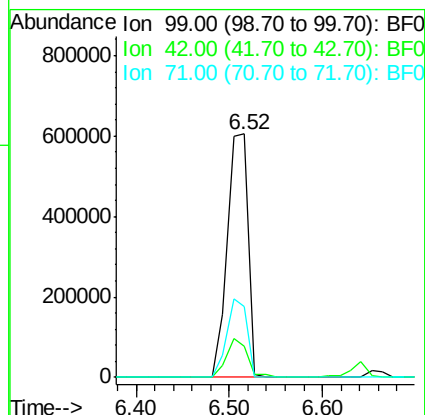
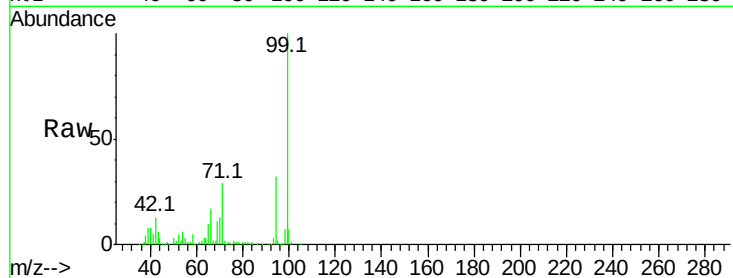
Tot Ion: 99 Resp: 946746

Ion Ratio Lower Upper

99 100

42 12.7 13.6 20.4#

71 29.3 26.7 40.1



#8

2-Chlorophenol

Concen: 42.18 ng

RT: 6.66 min Scan# 383

Delta R.T. -0.03 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

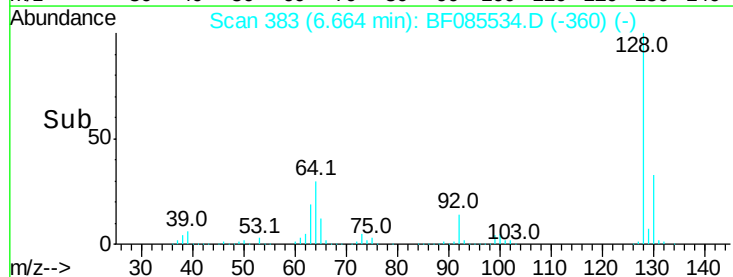
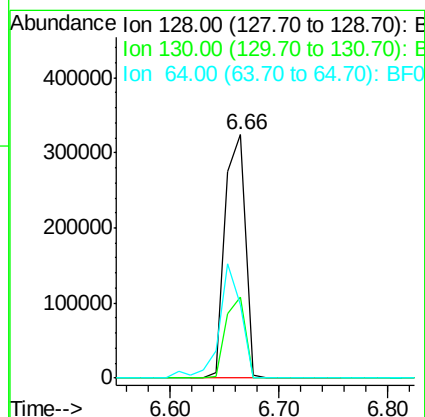
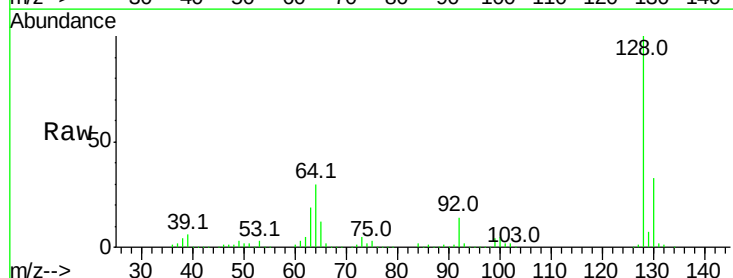
Tgt Ion: 128 Resp: 420431

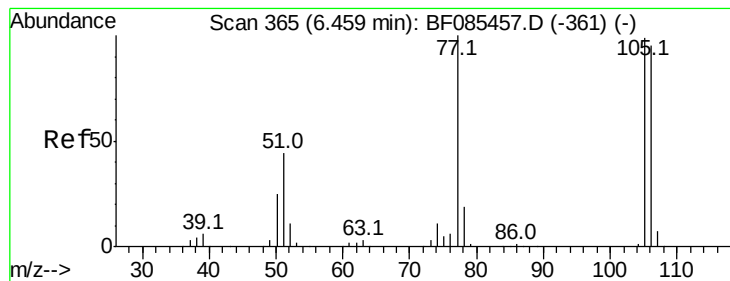
Ion Ratio Lower Upper

128 100

130 33.1 13.3 53.3

64 30.2 25.7 65.7





#9

Benzaldehyde

Concen: 36.94 ng

RT: 6.42 min Scan# 362

Delta R.T. -0.03 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

Instrument :

BNA_F

ClientSampled :

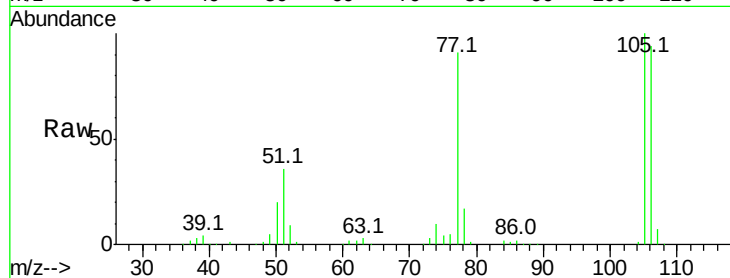
Tot Ion: 77 Resp: 227460

Ion Ratio Lower Upper

77 100

105 109.6 78.2 118.2

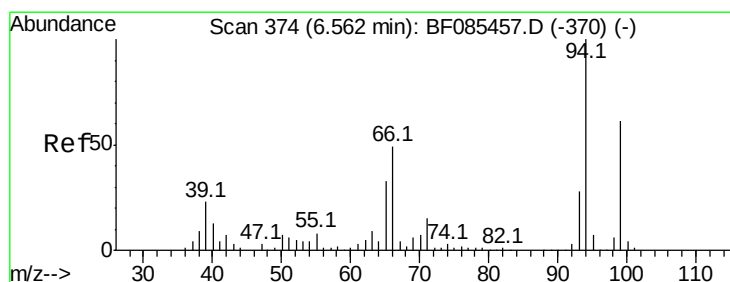
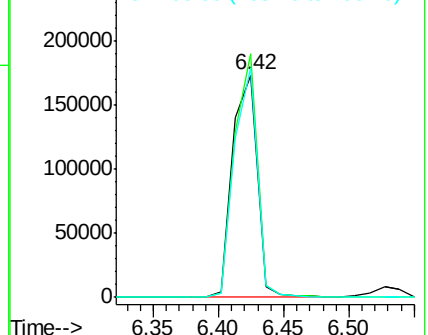
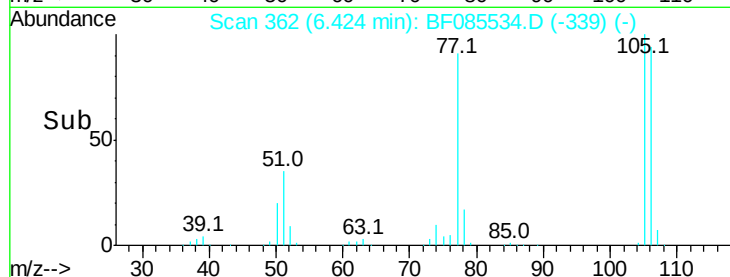
106 103.5 72.9 112.9



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: 45.49 ng

RT: 6.53 min Scan# 371

Delta R.T. -0.03 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

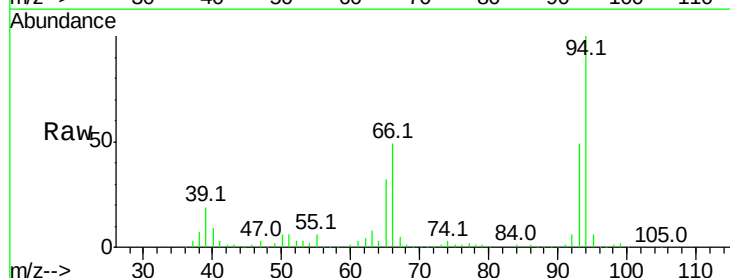
Tgt Ion: 94 Resp: 562284

Ion Ratio Lower Upper

94 100

65 31.8 9.1 49.1

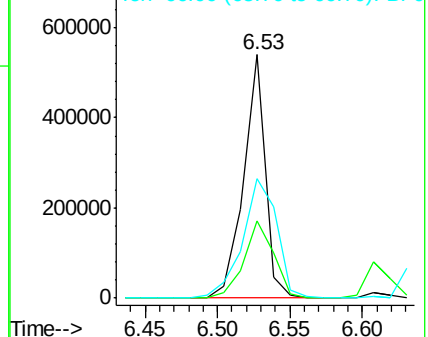
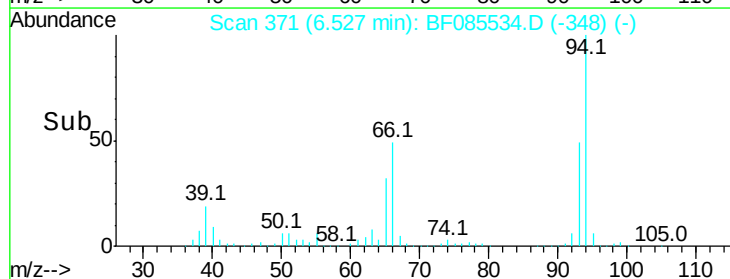
66 49.1 19.3 59.3

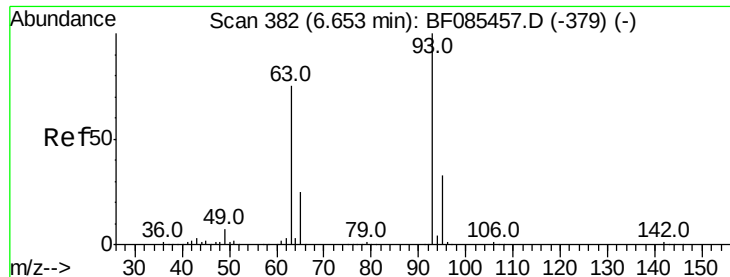


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.41 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.05 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

Instrument :

BNA_F

ClientSampleId :

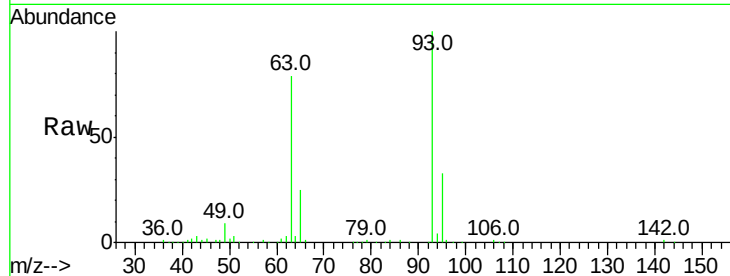
Tot Ion: 93 Resp: 384082

Ion Ratio Lower Upper

93 100

63 79.0 50.9 90.9

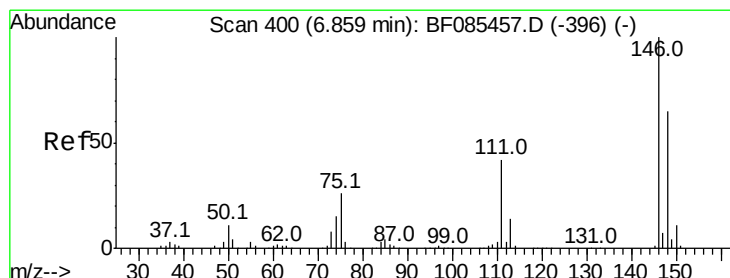
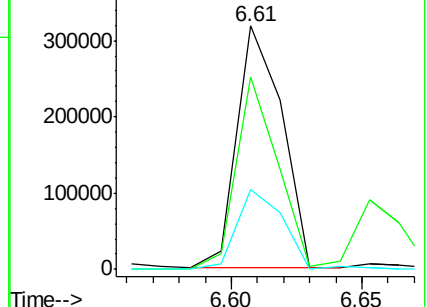
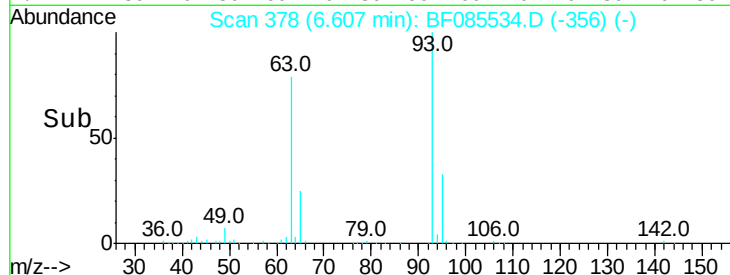
95 33.0 13.7 53.7



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 42.44 ng

RT: 6.89 min Scan# 403

Delta R.T. 0.03 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

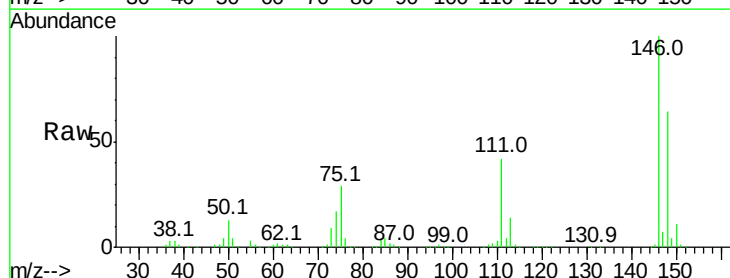
Tgt Ion: 146 Resp: 468849

Ion Ratio Lower Upper

146 100

148 64.4 52.1 78.1

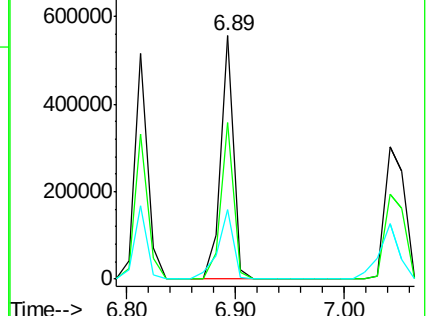
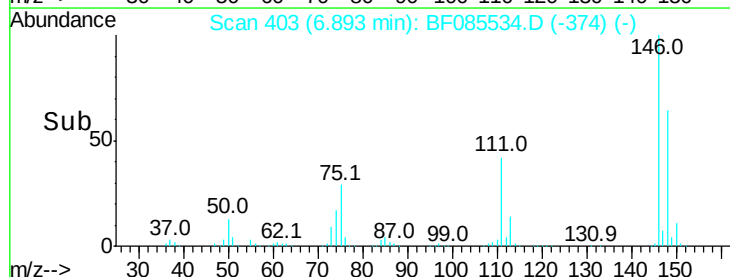
75 28.8 19.5 29.3

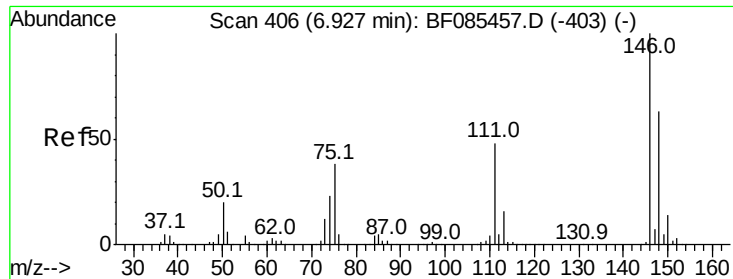


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

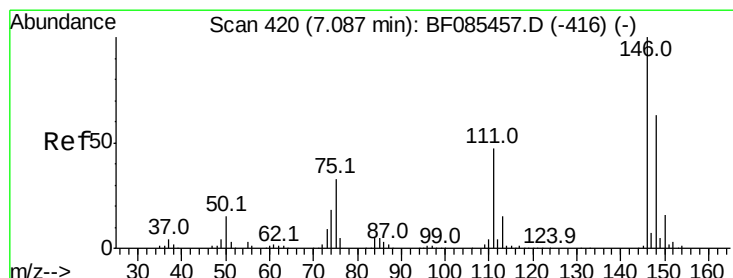
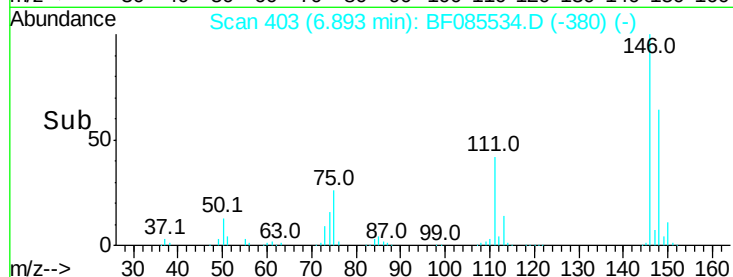
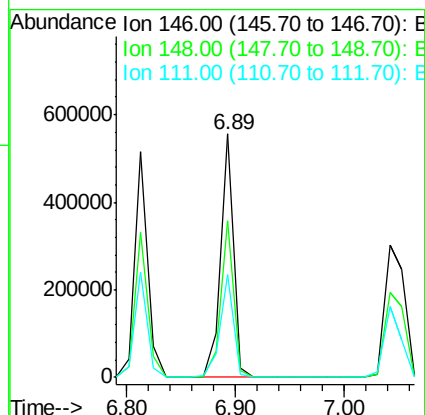
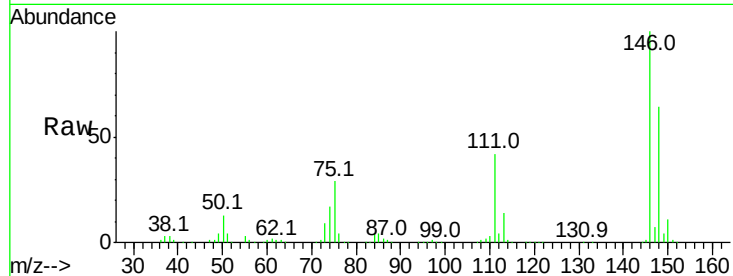




#13
1,4-Dichlorobenzene
Concen: 42.37 ng
RT: 6.89 min Scan# 403
Delta R.T. -0.03 min
Lab File: BF085534.D
Acq: 18 Mar 2016 12:57

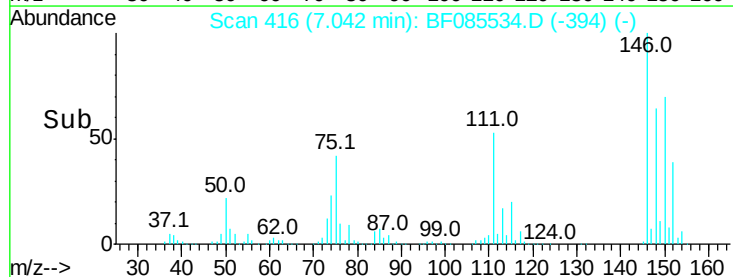
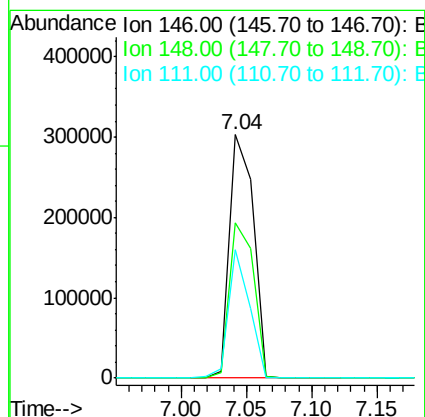
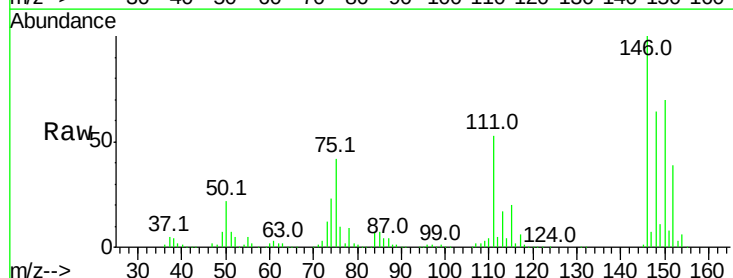
Instrument :
BNA_F
ClientSampleId :

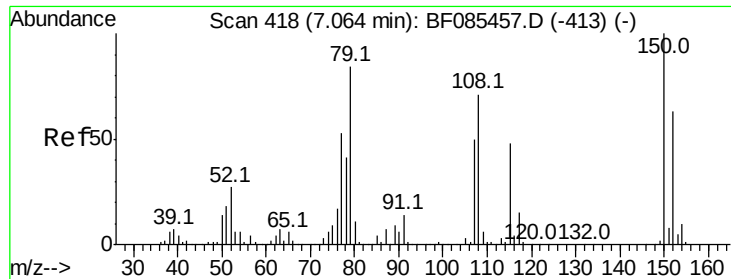
Tot Ion:146 Resp: 468849
Ion Ratio Lower Upper
146 100
148 64.4 51.3 76.9
111 42.4 38.4 57.6



#14
1,2-Dichlorobenzene
Concen: 39.73 ng
RT: 7.04 min Scan# 416
Delta R.T. -0.05 min
Lab File: BF085534.D
Acq: 18 Mar 2016 12:57

Tgt Ion:146 Resp: 385797
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.2
111 52.9 36.7 55.1

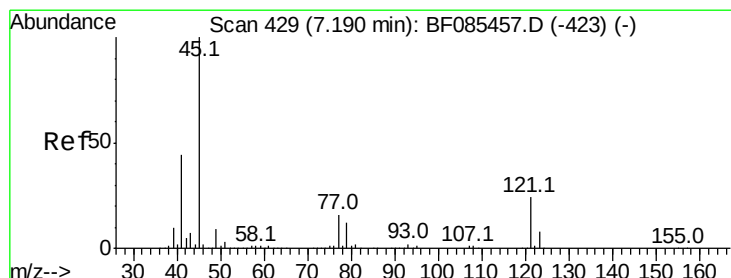
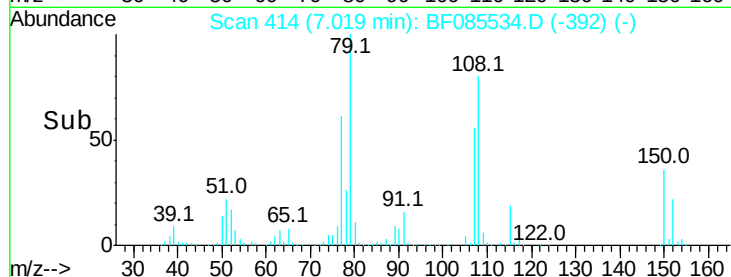
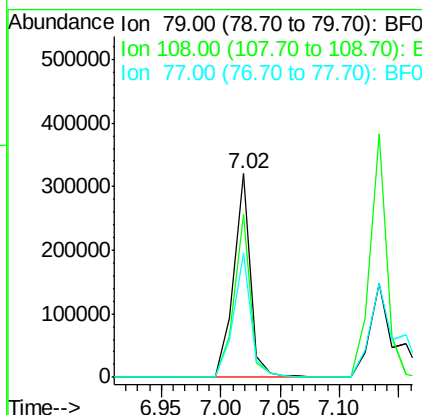
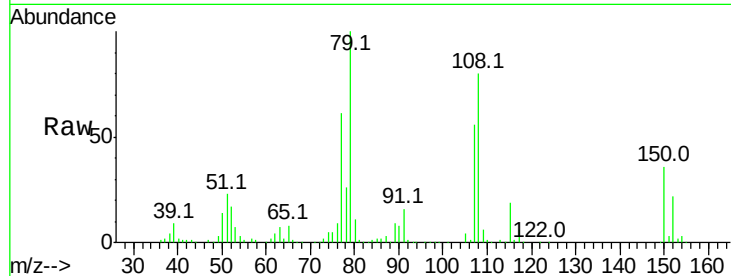




#15
Benzyl Alcohol
Concen: 40.07 ng
RT: 7.02 min Scan# 414
Delta R.T. -0.05 min
Lab File: BF085534.D
Acq: 18 Mar 2016 12:57

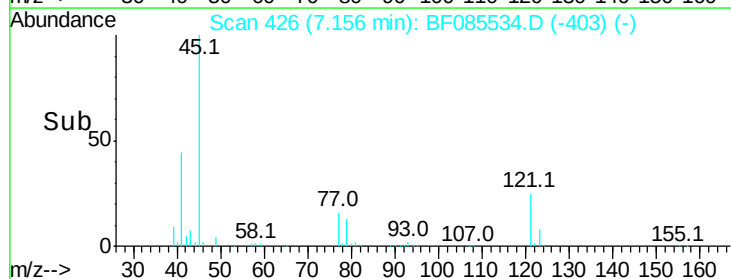
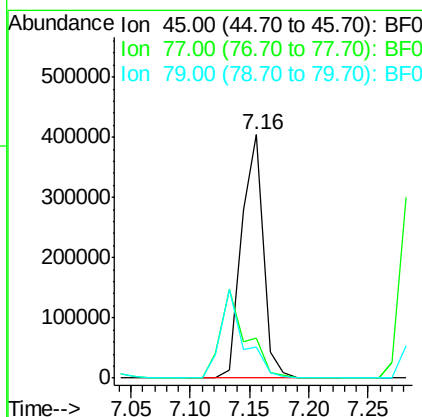
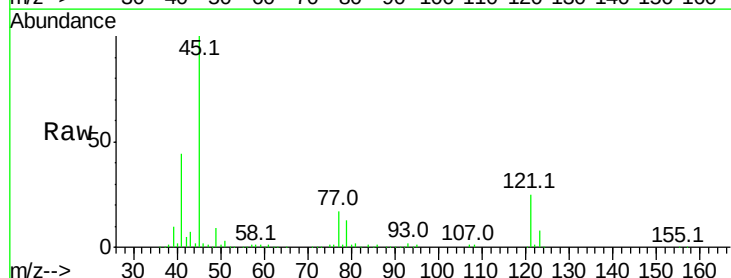
Instrument :
BNA_F
ClientSampled :

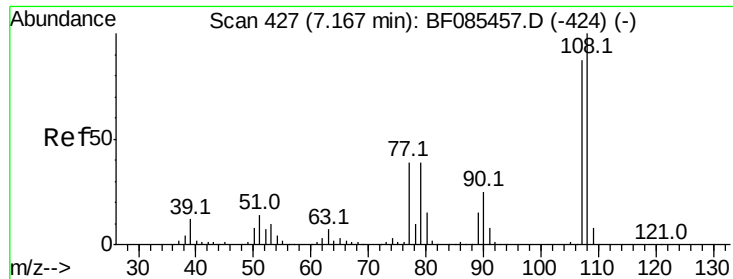
Tot Ion: 79 Resp: 315560
Ion Ratio Lower Upper
79 100
108 80.0 62.9 94.3
77 61.3 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.78 ng
RT: 7.16 min Scan# 426
Delta R.T. -0.03 min
Lab File: BF085534.D
Acq: 18 Mar 2016 12:57

Tgt Ion: 45 Resp: 514838
Ion Ratio Lower Upper
45 100
77 16.7 0.0 35.1
79 12.9 0.0 31.3





#17

2-Methylphenol

Concen: 39.50 ng

RT: 7.13 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 329625

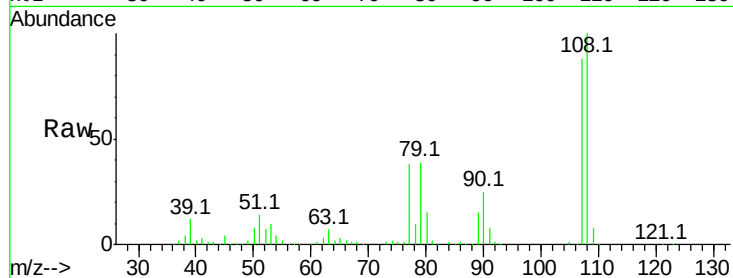
Ion Ratio Lower Upper

107 100

108 114.1 90.9 136.3

77 43.8 32.6 48.8

79 44.1 32.8 49.2

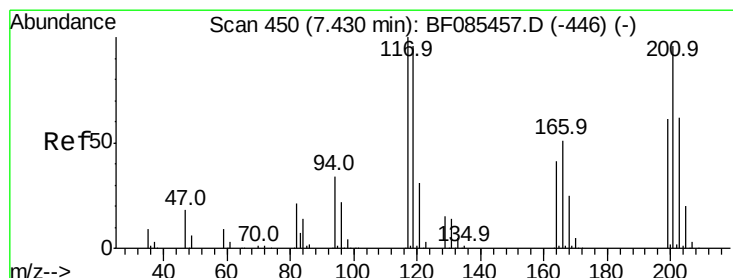
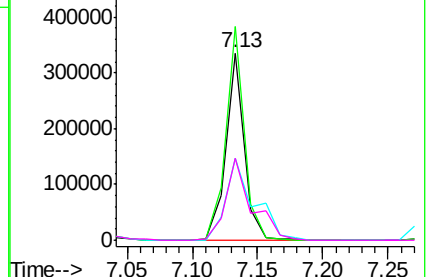
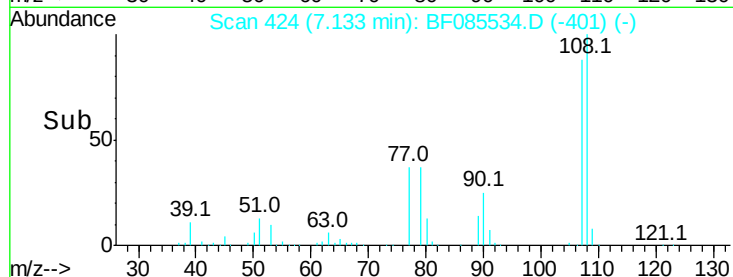


Abundance Ion 107.00 (106.70 to 107.70): E

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: 33.42 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.05 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

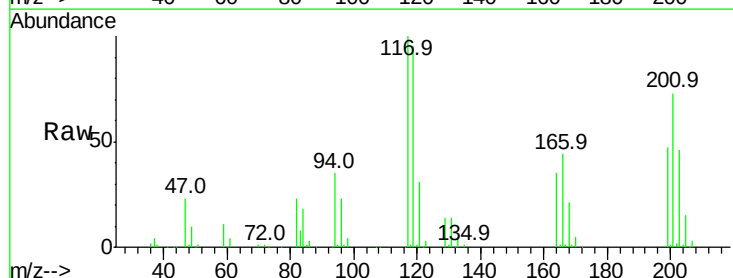
Tgt Ion:117 Resp: 135639

Ion Ratio Lower Upper

117 100

119 95.5 78.2 117.4

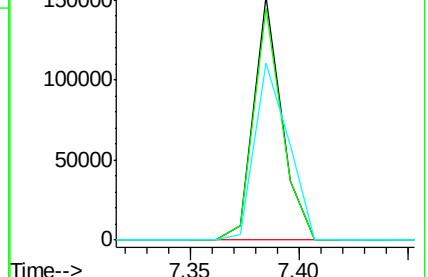
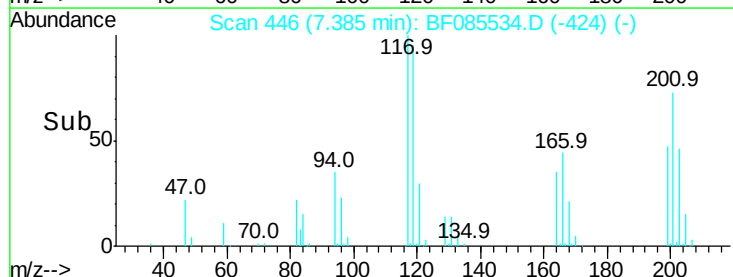
201 72.9 72.0 108.0

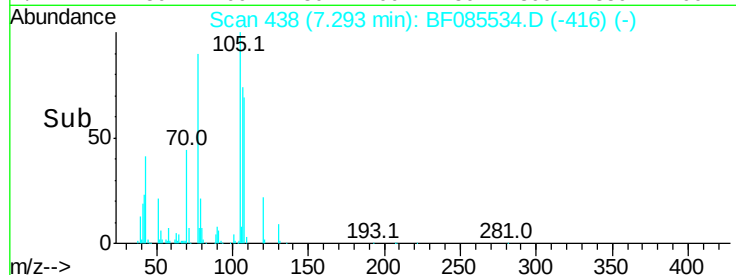
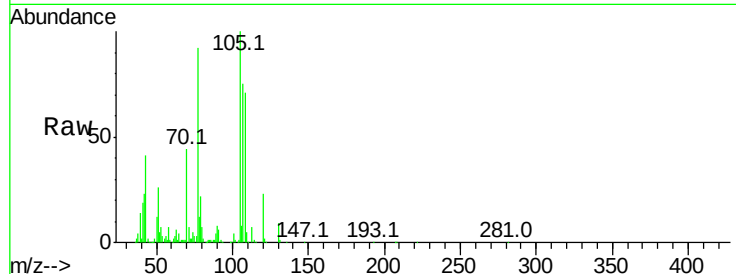
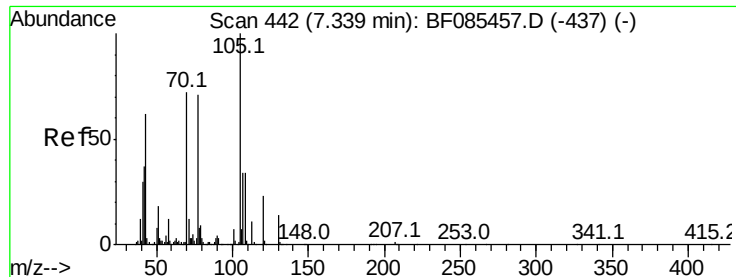


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

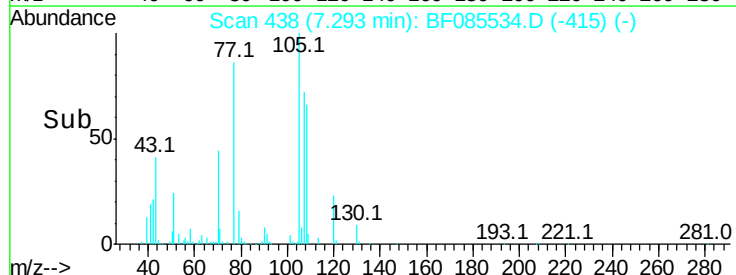
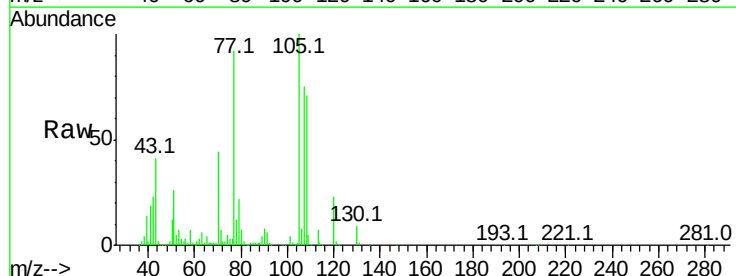
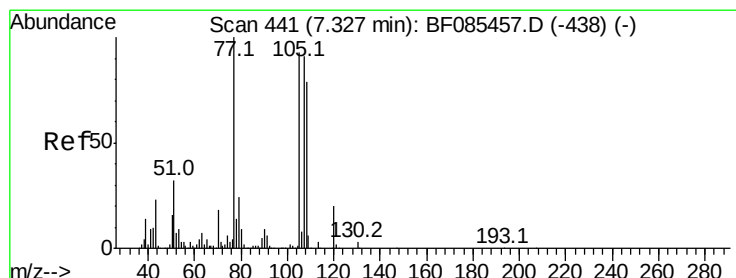
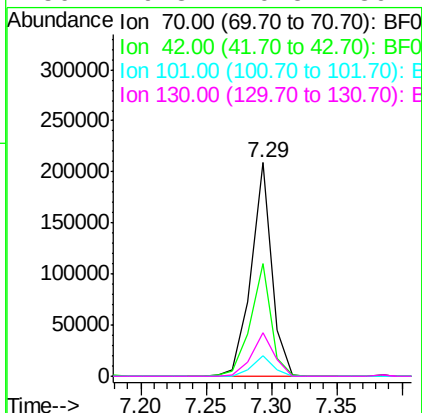




#19
n-Nitroso-di-n-propylamine
Concen: 34.95 ng
RT: 7.29 min Scan# 438
Delta R.T. -0.05 min
Lab File: BF085534.D
Acq: 18 Mar 2016 12:57

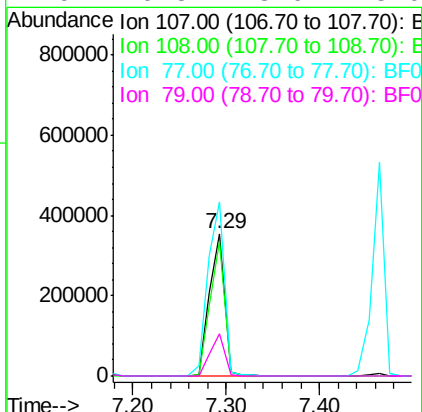
Instrument :
BNA_F
ClientSampleId :

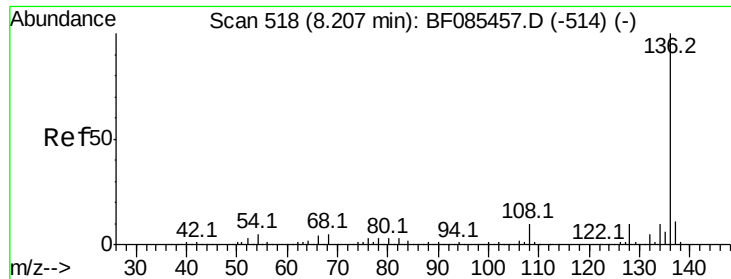
Tot Ion	Ratio	Lower	Upper
70	100		
42	52.7	37.7	56.5
101	9.5	8.2	12.4
130	20.3	20.5	30.7#



#20
3+4-Methylphenols
Concen: 44.92 ng
RT: 7.29 min Scan# 438
Delta R.T. -0.03 min
Lab File: BF085534.D
Acq: 18 Mar 2016 12:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.4	68.8	108.8
77	122.6	53.6	93.6#
79	29.8	8.0	48.0

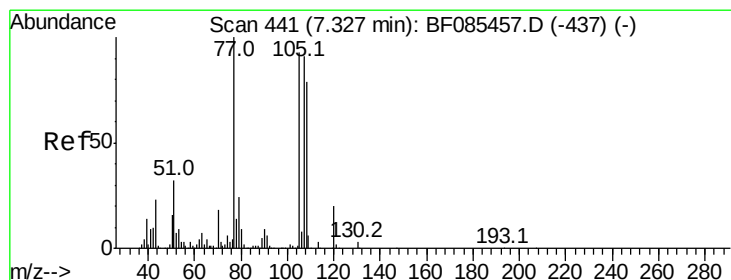
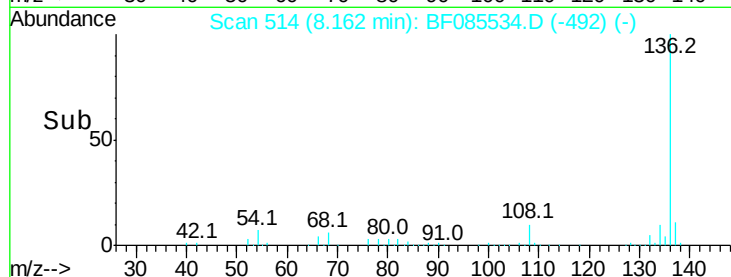
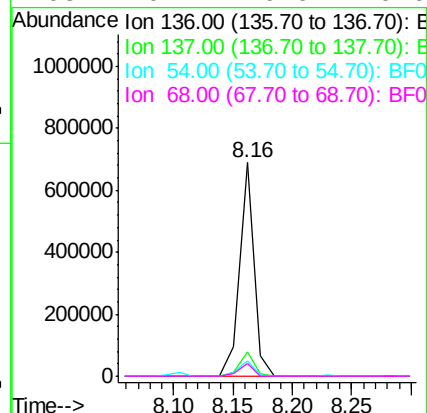
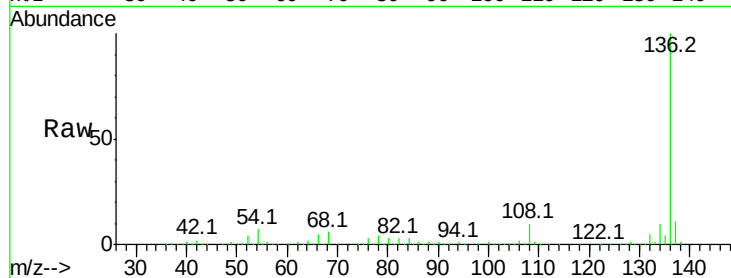




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF085534.D
Acq: 18 Mar 2016 12:57

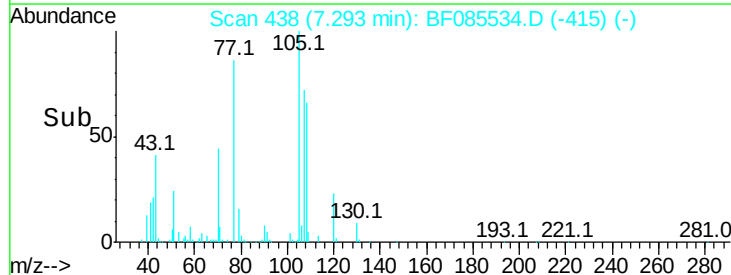
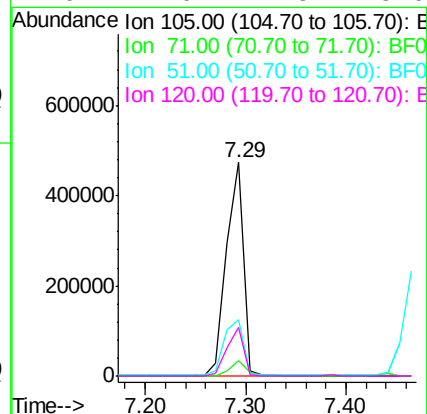
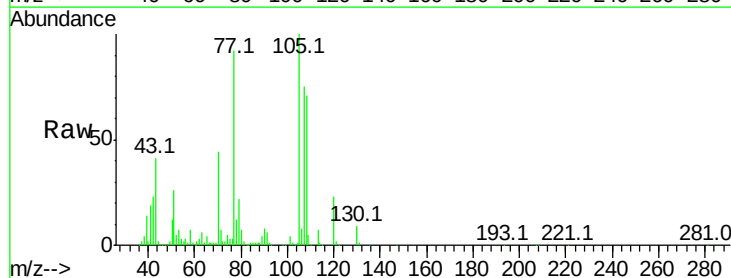
Instrument :
BNA_F
ClientSampleId :

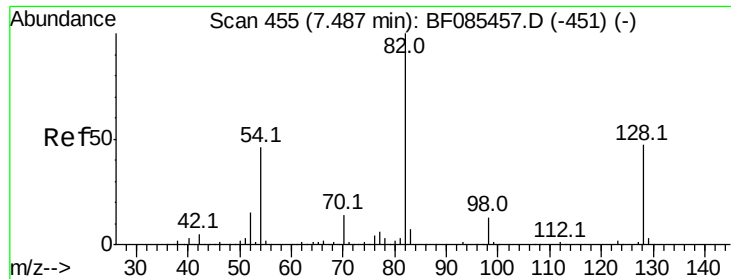
Tot Ion:136	Resp: 586294
Ion Ratio	Lower Upper
136 100	
137 11.2	9.3 13.9
54 7.0	7.4 11.2#
68 6.1	6.0 9.0



#22
Acetophenone
Concen: 38.93 ng
RT: 7.29 min Scan# 438
Delta R.T. -0.03 min
Lab File: BF085534.D
Acq: 18 Mar 2016 12:57

Tgt	Ion:105	Resp:	559305
Ion	Ratio	Lower	Upper
105	100		
71	7.4	4.1	6.1#
51	26.2	21.1	31.7
120	22.6	17.3	25.9

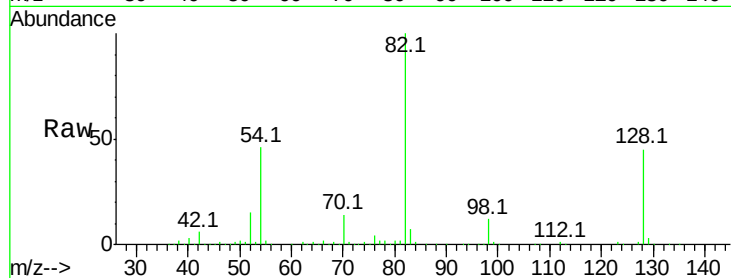




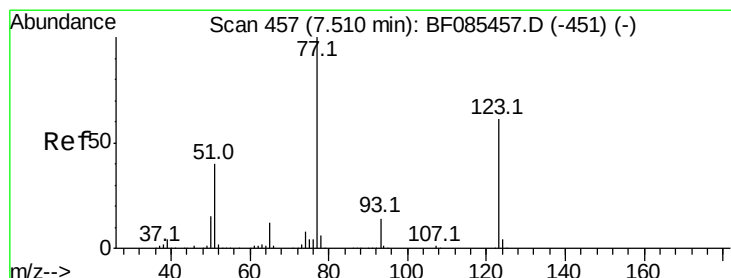
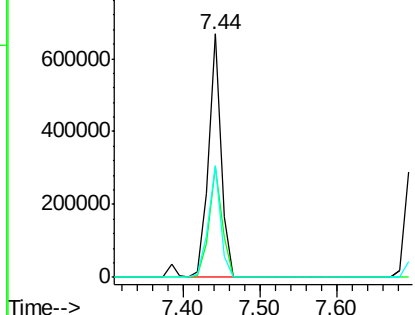
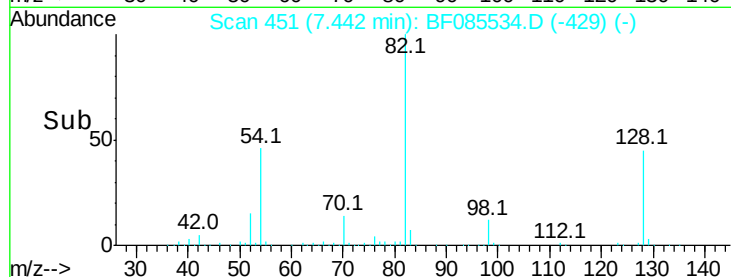
#23
Nitrobenzene-d5
Concen: 75.12 ng
RT: 7.44 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF085534.D
Acq: 18 Mar 2016 12:57

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 744939
Ion Ratio Lower Upper
82 100
128 45.2 34.5 51.7
54 46.0 39.3 58.9

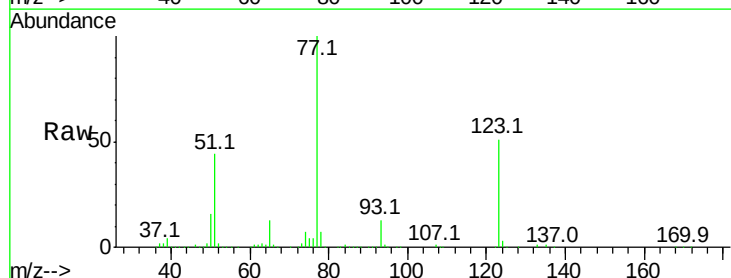


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

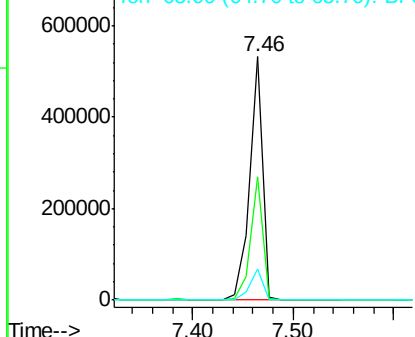
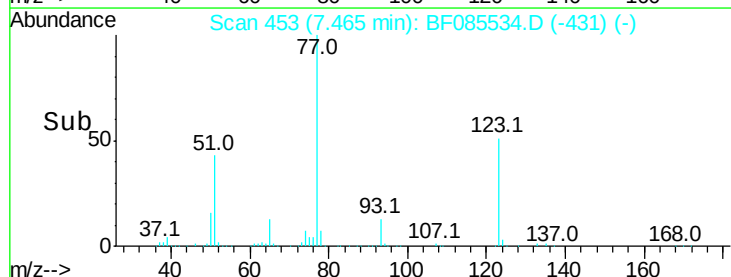


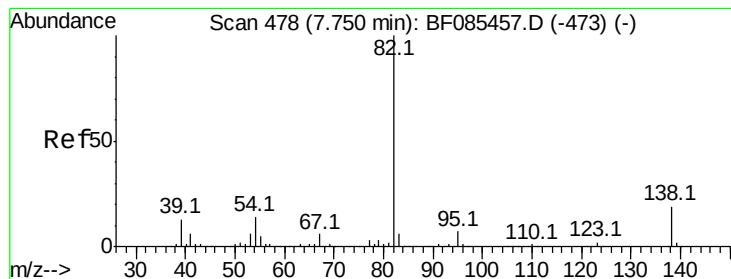
#24
Nitrobenzene
Concen: 42.59 ng
RT: 7.46 min Scan# 453
Delta R.T. -0.05 min
Lab File: BF085534.D
Acq: 18 Mar 2016 12:57

Tgt Ion: 77 Resp: 475870
Ion Ratio Lower Upper
77 100
123 50.6 35.4 53.2
65 12.8 10.6 16.0



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





#25

Isophorone

Concen: 39.39 ng

RT: 7.70 min Scan# 474

Delta R.T. -0.05 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

Instrument :

BNA_F

ClientSampleId :

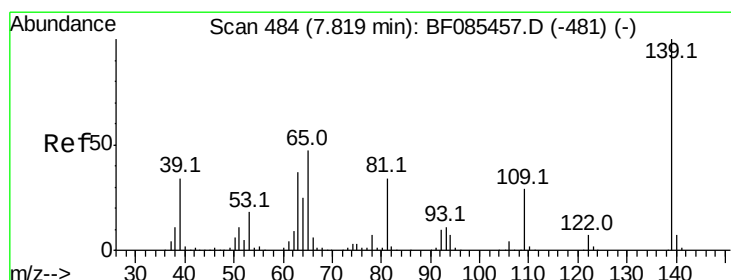
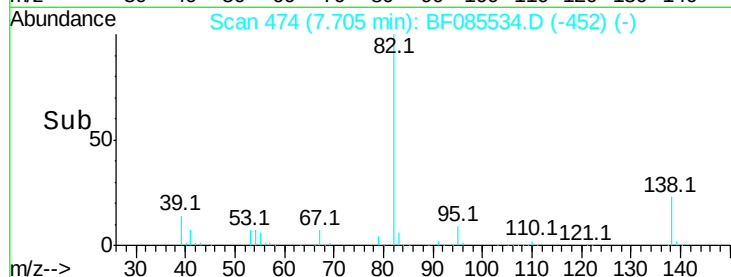
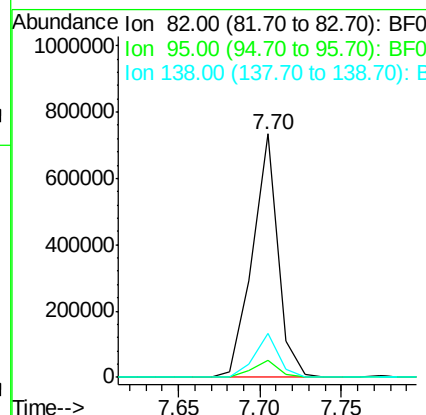
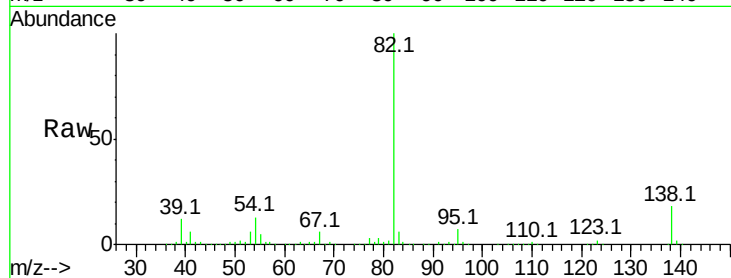
Tot Ion: 82 Resp: 796499

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

138 18.0 13.3 19.9



#26

2-Nitrophenol

Concen: 34.16 ng

RT: 7.77 min Scan# 480

Delta R.T. -0.05 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

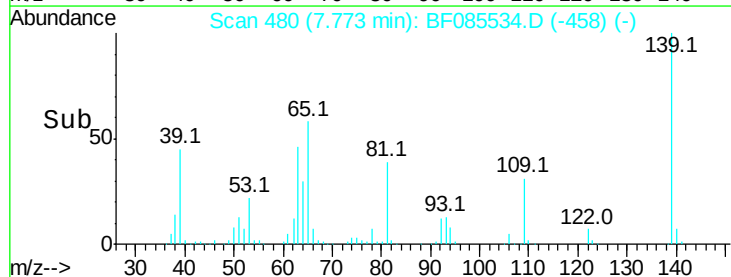
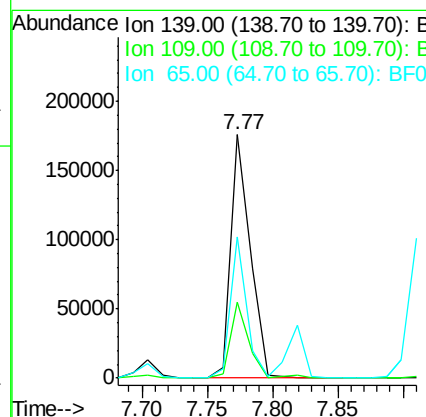
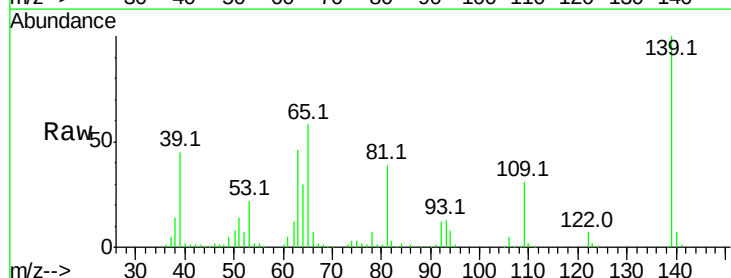
Tgt Ion: 139 Resp: 182817

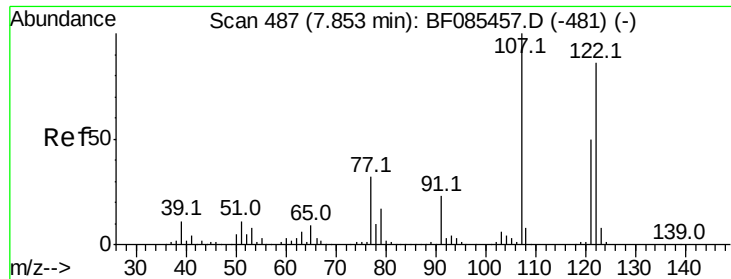
Ion Ratio Lower Upper

139 100

109 31.3 19.1 28.7#

65 58.0 23.9 35.9#





#27

2,4-Dimethylphenol

Concen: 40.11 ng

RT: 7.82 min Scan# 484

Delta R.T. -0.03 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

Instrument :

BNA_F

ClientSampleId :

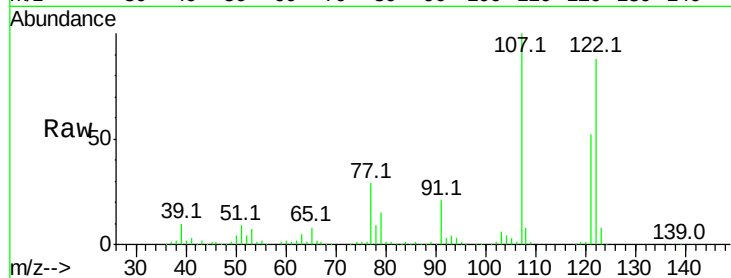
Tot Ion:122 Resp: 381851

Ion Ratio Lower Upper

122 100

107 113.7 84.8 127.2

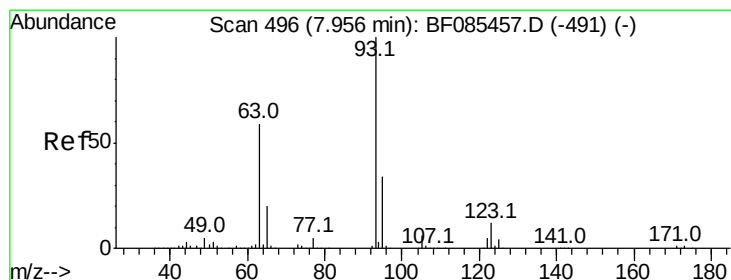
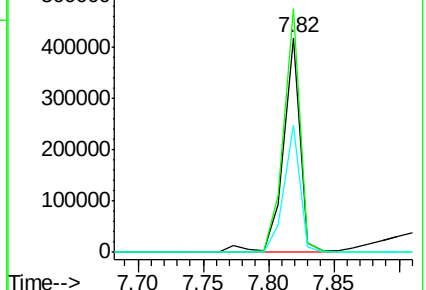
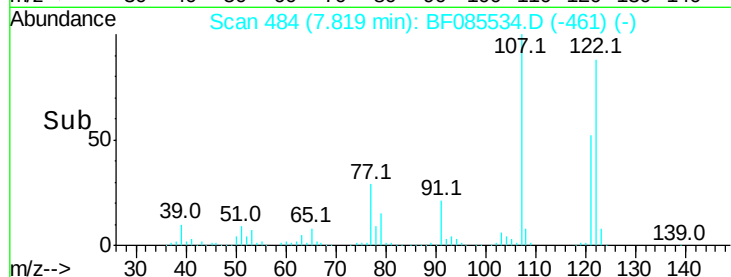
121 59.3 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.77 ng

RT: 7.91 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

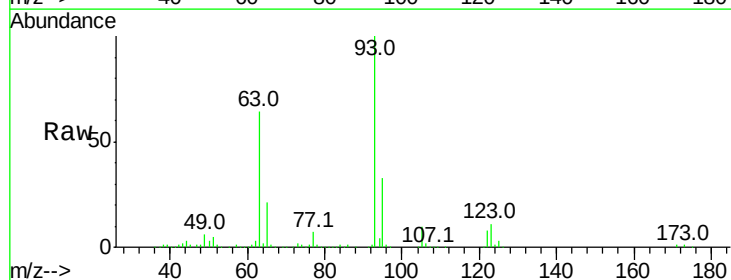
Tgt Ion: 93 Resp: 432490

Ion Ratio Lower Upper

93 100

95 32.5 25.9 38.9

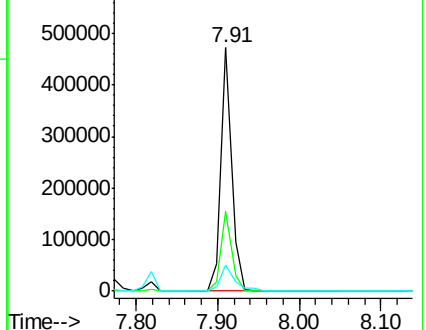
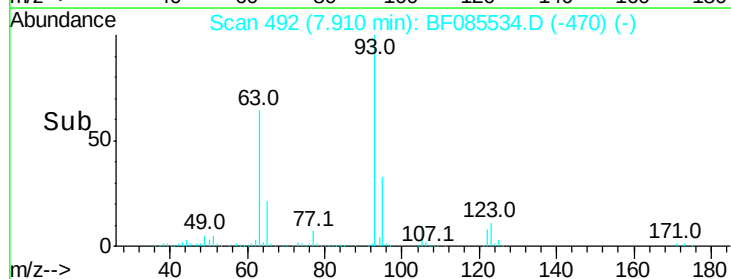
123 10.8 8.8 13.2

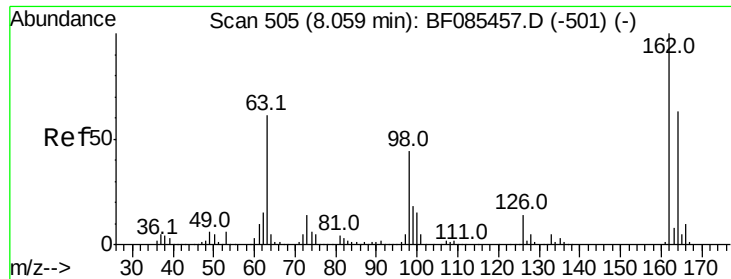


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

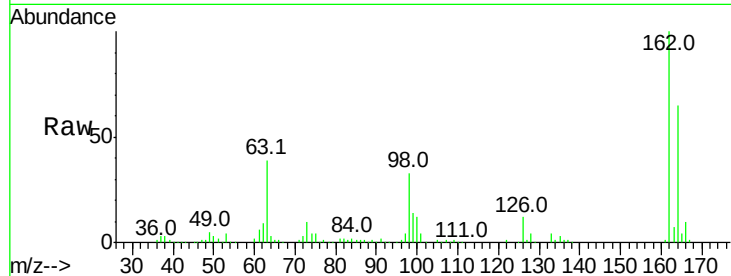




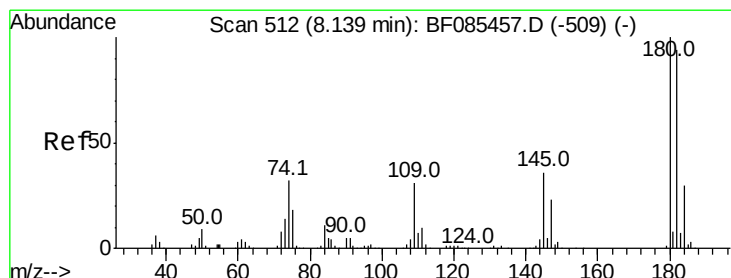
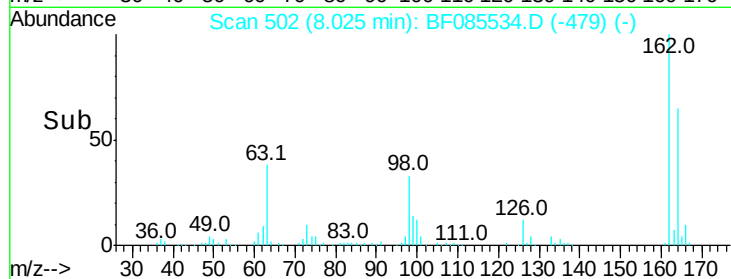
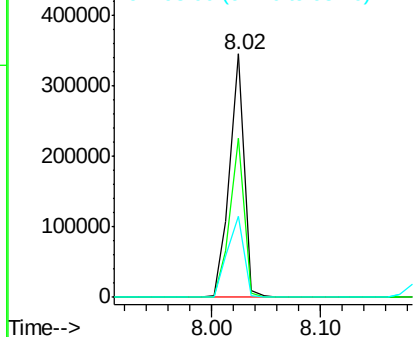
#29
 2,4-Dichlorophenol
 Concen: 41.60 ng
 RT: 8.02 min Scan# 502
 Delta R.T. -0.03 min
 Lab File: BF085534.D
 Acq: 18 Mar 2016 12:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	45.7	85.7
98	33.3	9.4	49.4

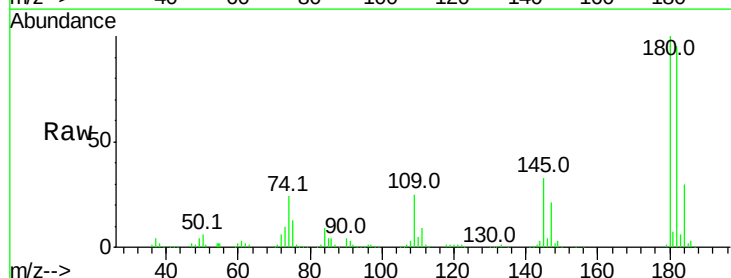


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

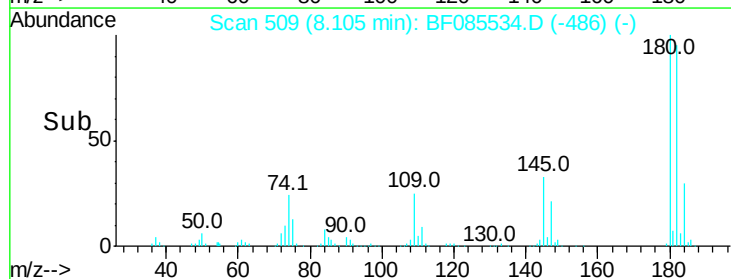
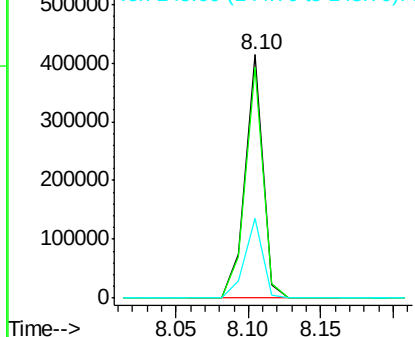


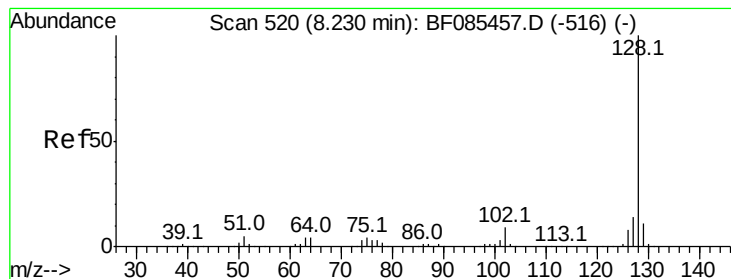
#30
 1,2,4-Trichlorobenzene
 Concen: 39.57 ng
 RT: 8.10 min Scan# 509
 Delta R.T. -0.03 min
 Lab File: BF085534.D
 Acq: 18 Mar 2016 12:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	74.9	112.3
145	32.5	27.9	41.9



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





#31

Naphthalene

Concen: 38.88 ng

RT: 8.18 min Scan# 516

Delta R.T. -0.05 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

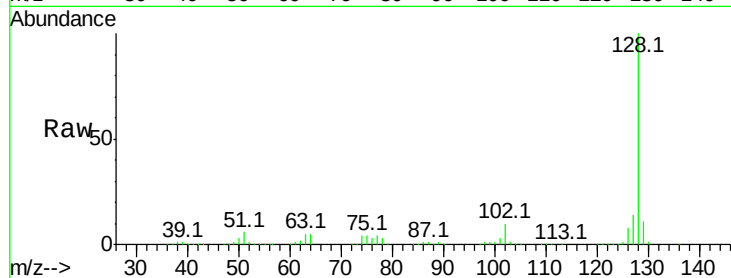
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 1113957

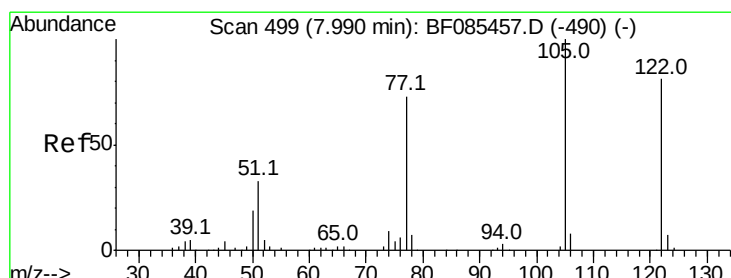
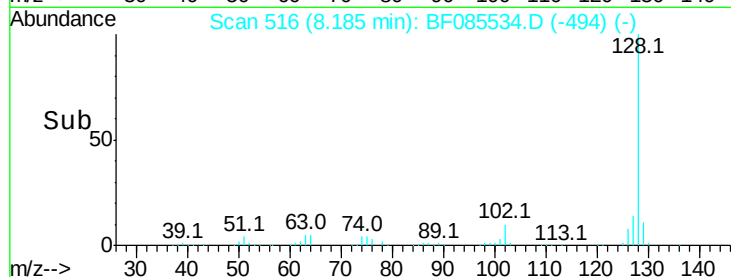
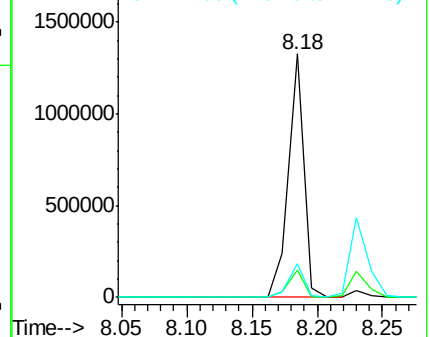
Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.7	14.5
127	13.9	11.2	16.8



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: 46.01 ng

RT: 7.94 min Scan# 495

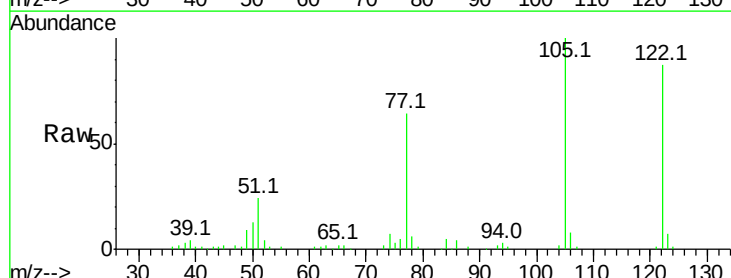
Delta R.T. -0.05 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

Tgt Ion:122 Resp: 251894

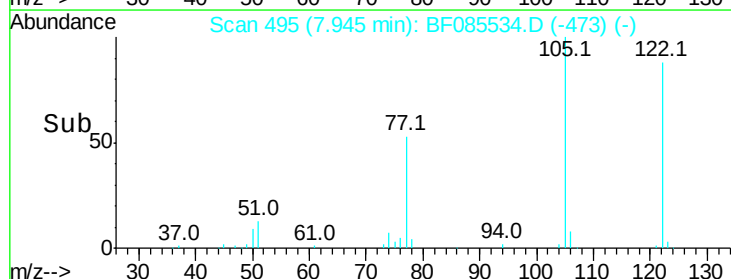
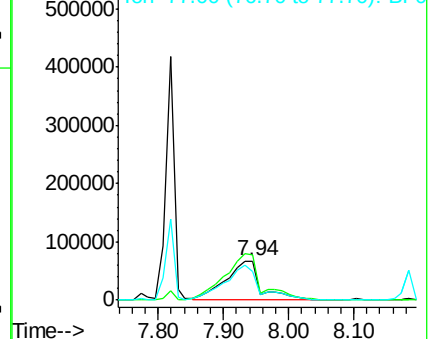
Ion	Ratio	Lower	Upper
122	100		
105	114.6	101.3	141.3
77	73.9	74.7	114.7#

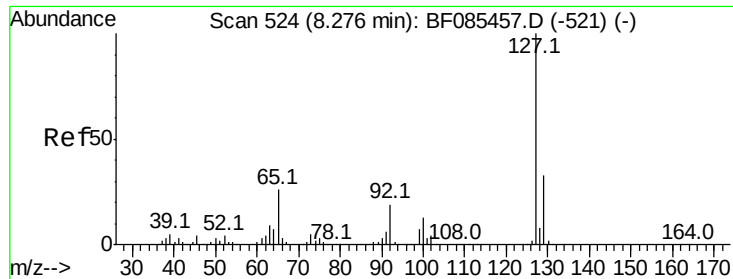


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

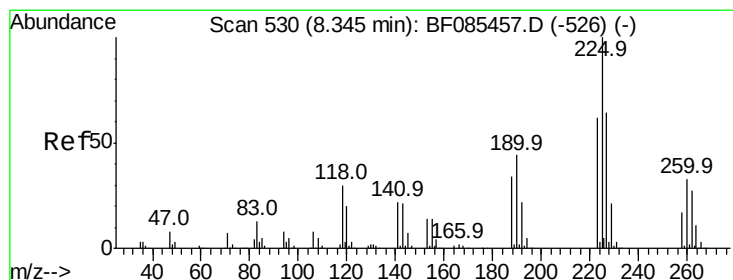
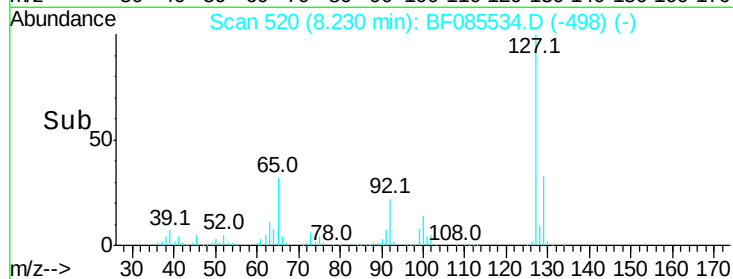
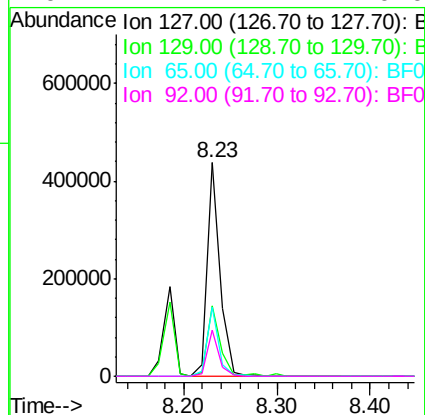
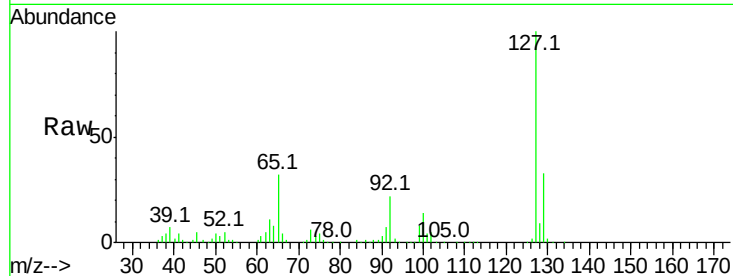




#33
4-Chloroaniline
Concen: 34.40 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.05 min
Lab File: BF085534.D
Acq: 18 Mar 2016 12:57

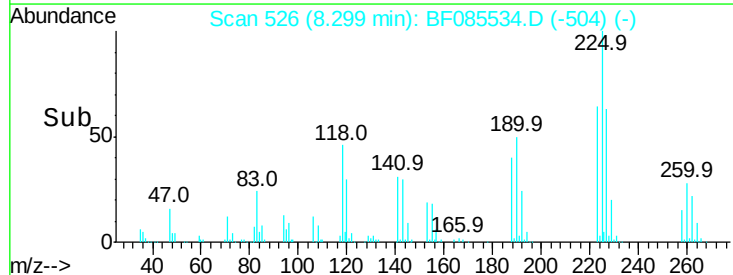
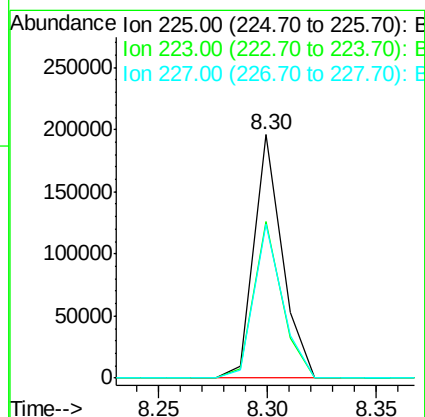
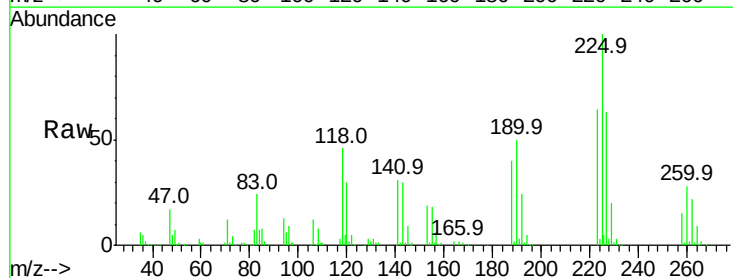
Instrument :
BNA_F
ClientSampleId :

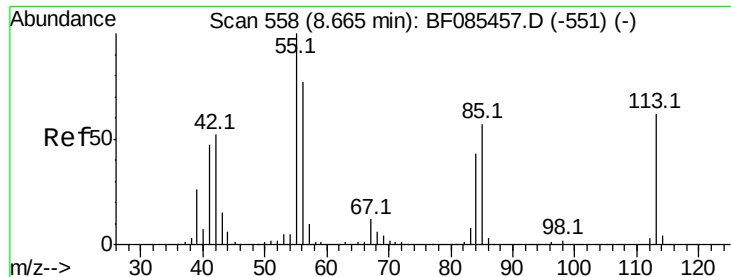
Tot Ion:	127	Resp:	423950
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	32.4	27.0	40.6
92	21.7	17.4	26.0



#34
Hexachlorobutadiene
Concen: 38.09 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF085534.D
Acq: 18 Mar 2016 12:57

Tgt Ion:	225	Resp:	177671
Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.7	74.5
227	63.0	52.2	78.4





#35

Caprolactam

Concen: 42.94 ng

RT: 8.62 min Scan# 554

Delta R.T. -0.05 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

Instrument :

BNA_F

ClientSampleId :

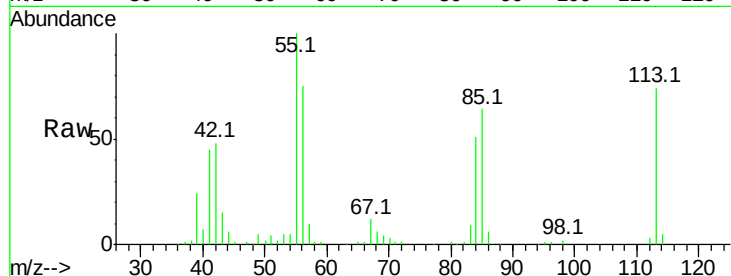
Tot Ion:113 Resp: 108294

Ion Ratio Lower Upper

113 100

55 134.9 152.7 192.7#

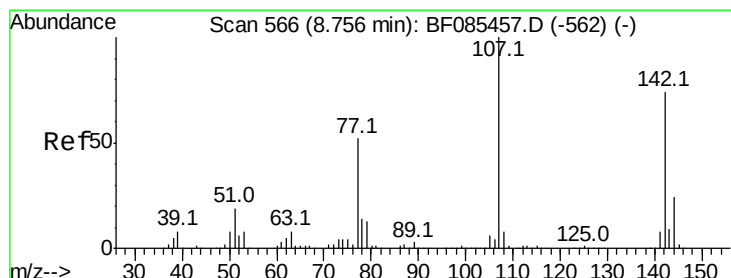
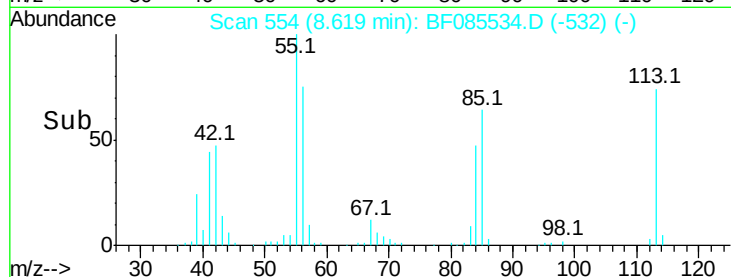
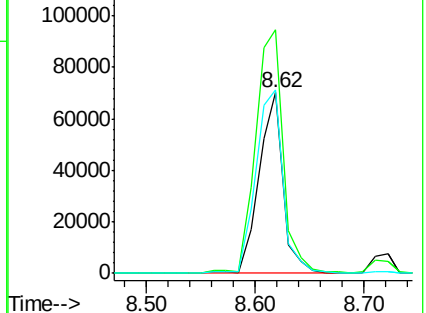
56 101.3 109.0 149.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.51 ng

RT: 8.72 min Scan# 563

Delta R.T. -0.03 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

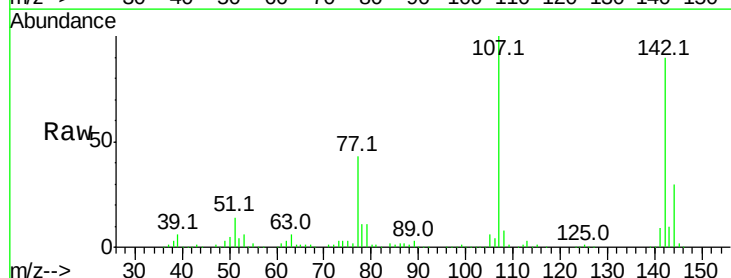
Tgt Ion:107 Resp: 339584

Ion Ratio Lower Upper

107 100

144 29.6 19.4 29.2#

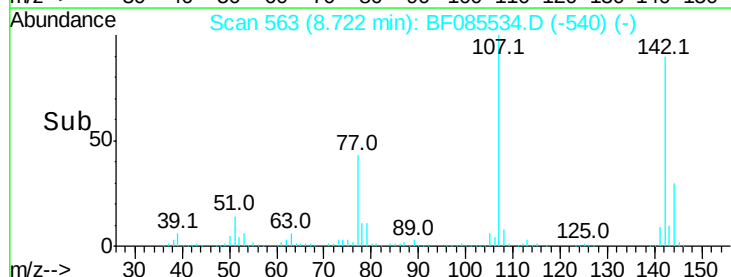
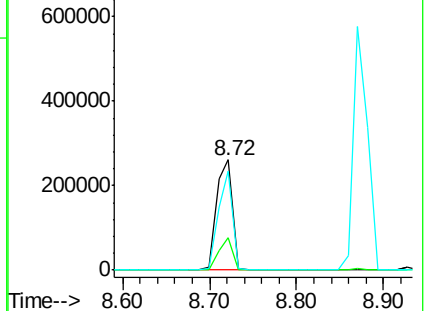
142 89.8 59.4 89.2#

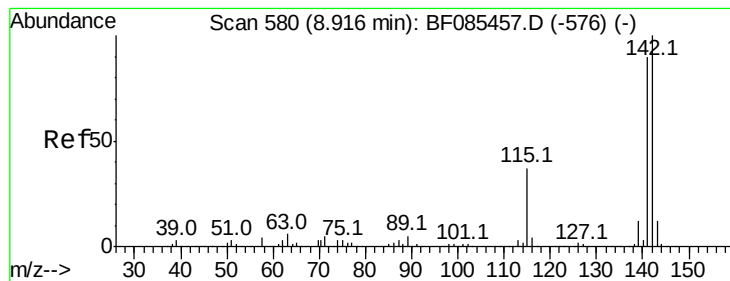


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.97 ng

RT: 8.87 min Scan# 576

Delta R.T. -0.05 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

Instrument :

BNA_F

ClientSampleId :

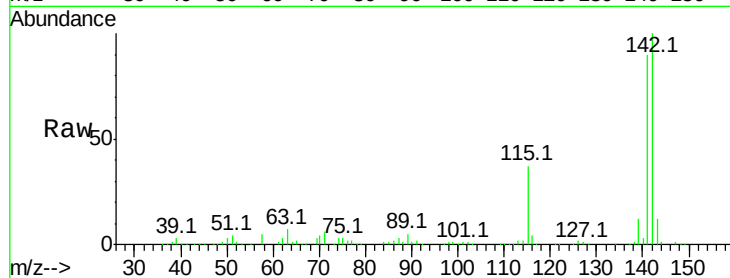
Tot Ion:142 Resp: 652465

Ion Ratio Lower Upper

142 100

141 90.4 71.7 107.5

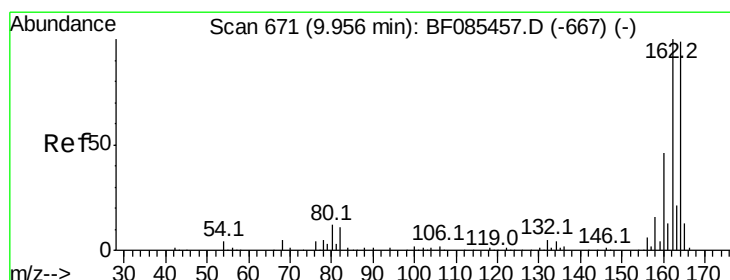
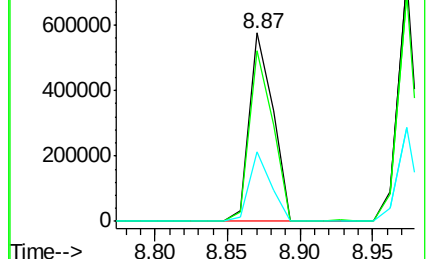
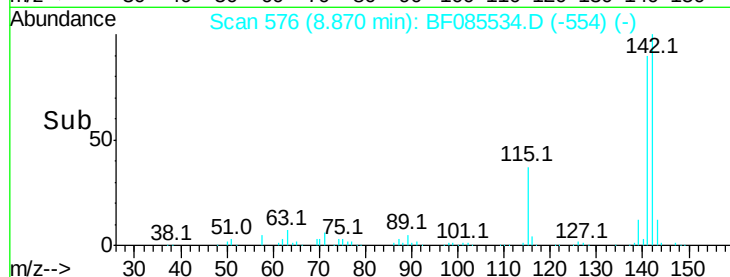
115 37.0 26.2 39.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 668

Delta R.T. -0.03 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

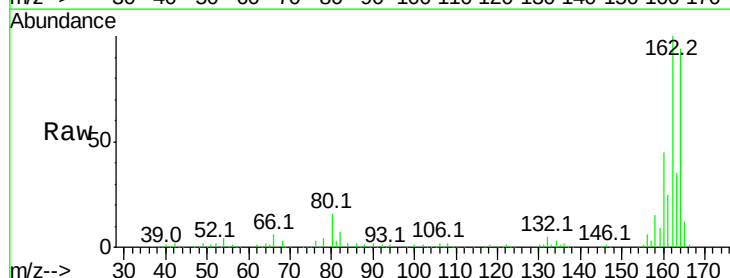
Tgt Ion:164 Resp: 237512

Ion Ratio Lower Upper

164 100

162 105.9 83.3 124.9

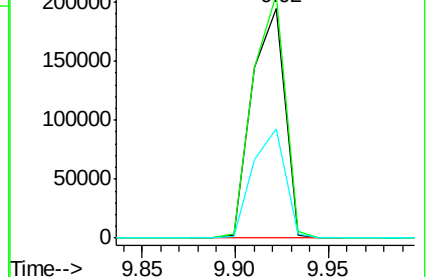
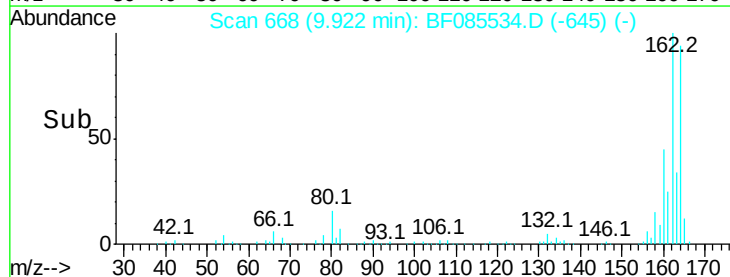
160 47.8 37.9 56.9

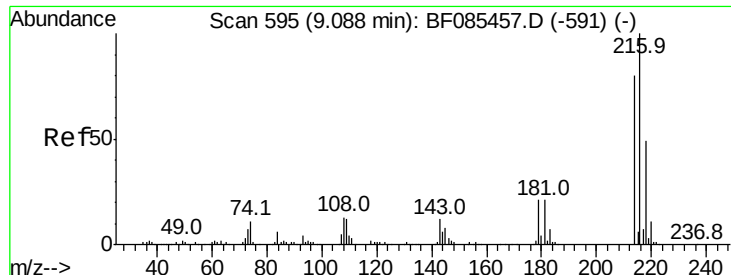


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

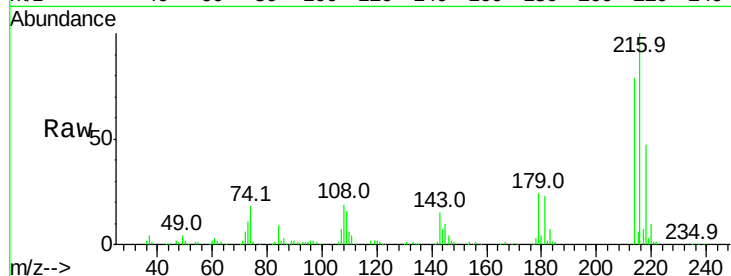




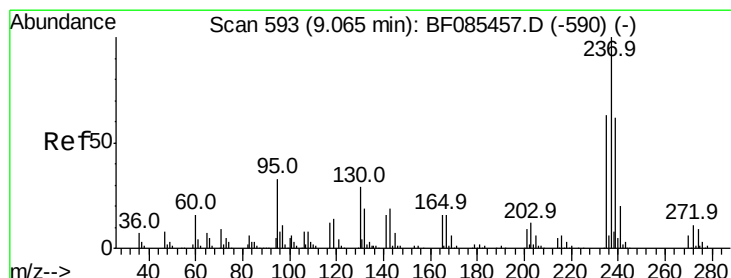
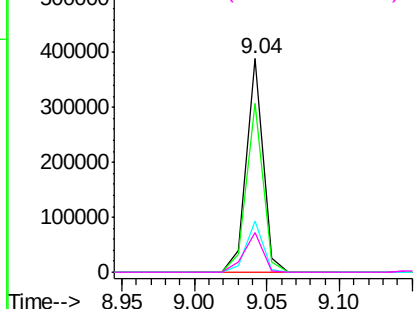
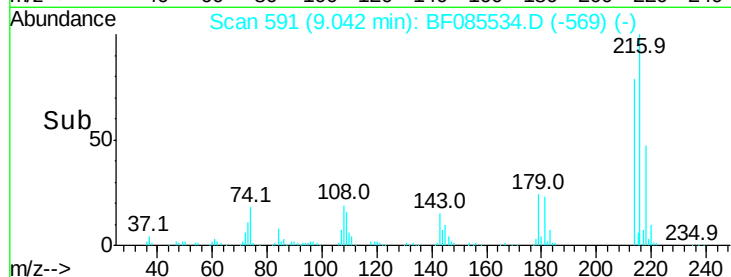
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.45 ng
 RT: 9.04 min Scan# 591
 Delta R.T. -0.05 min
 Lab File: BF085534.D
 Acq: 18 Mar 2016 12:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	313595
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.8	95.6
179	24.2	19.6	29.4
108	20.7	19.6	29.4

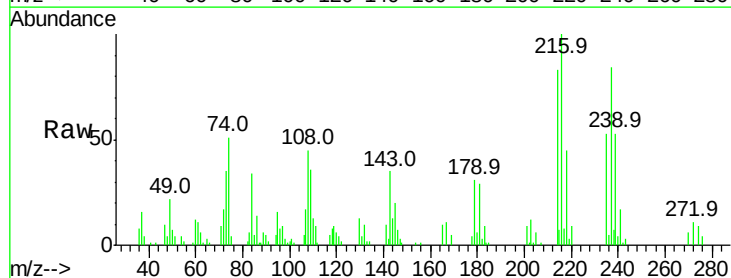


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

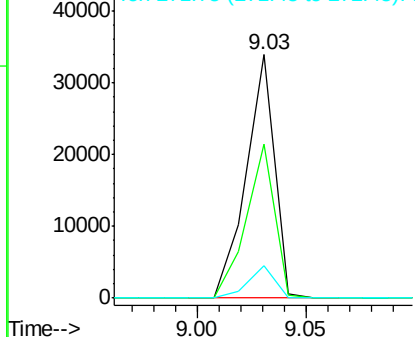
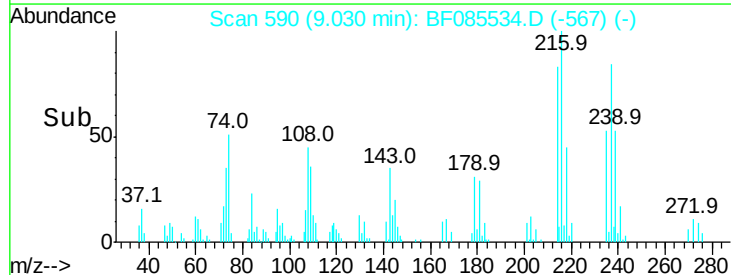


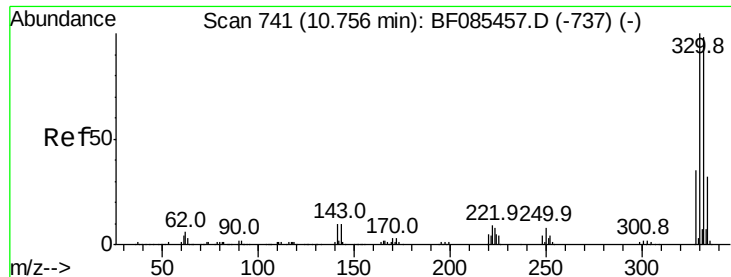
#40
 Hexachlorocyclopentadiene
 Concen: 8.61 ng
 RT: 9.03 min Scan# 590
 Delta R.T. -0.03 min
 Lab File: BF085534.D
 Acq: 18 Mar 2016 12:57

Tgt Ion:	237	Resp:	30745
Ion	Ratio	Lower	Upper
237	100		
235	63.3	43.7	83.7
272	13.6	0.0	31.5



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

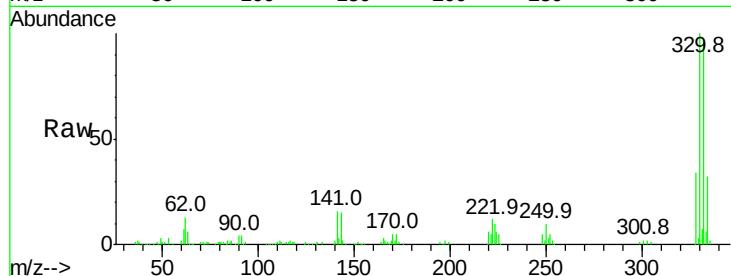




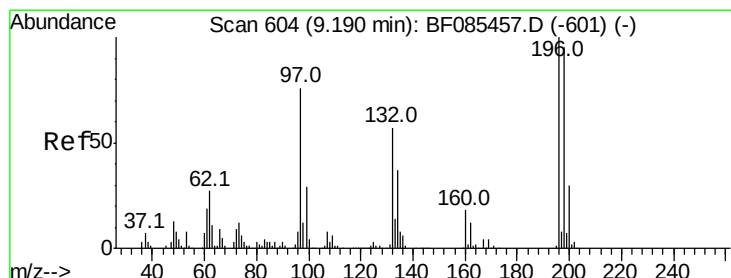
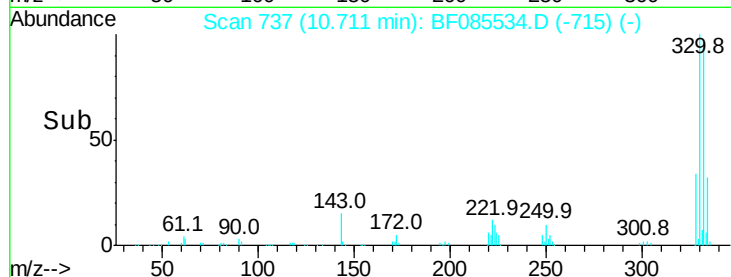
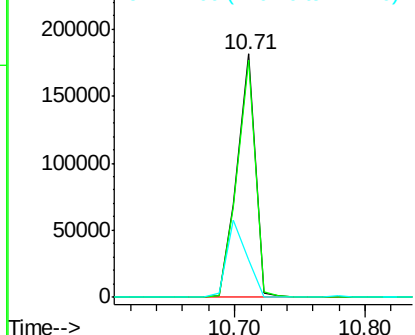
#41
 2,4,6-Tribromophenol
 Concen: 80.54 ng
 RT: 10.71 min Scan# 737
 Delta R.T. -0.05 min
 Lab File: BF085534.D
 Acq: 18 Mar 2016 12:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.1	115.7
141	34.9	35.0	52.6#

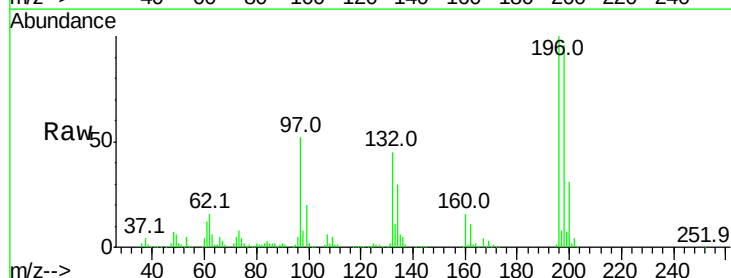


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

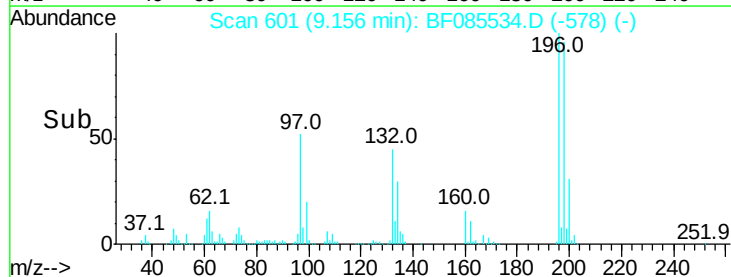
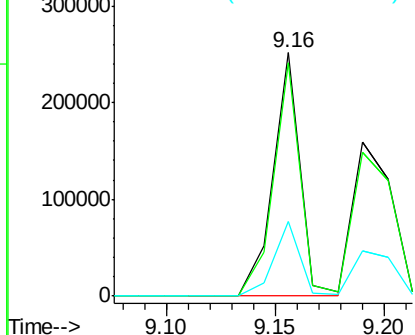


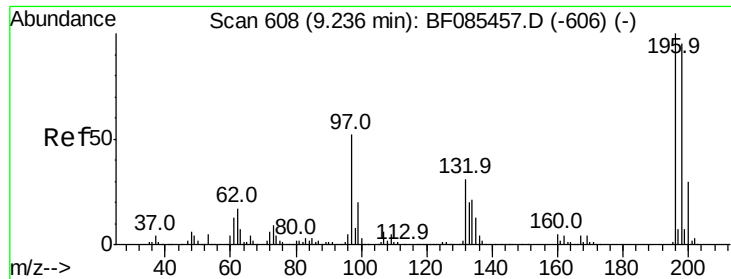
#42
 2,4,6-Trichlorophenol
 Concen: 44.91 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.03 min
 Lab File: BF085534.D
 Acq: 18 Mar 2016 12:57

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	77.8	116.6
200	30.8	25.0	37.6



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

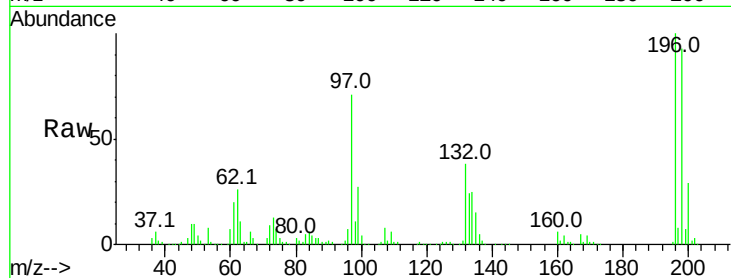




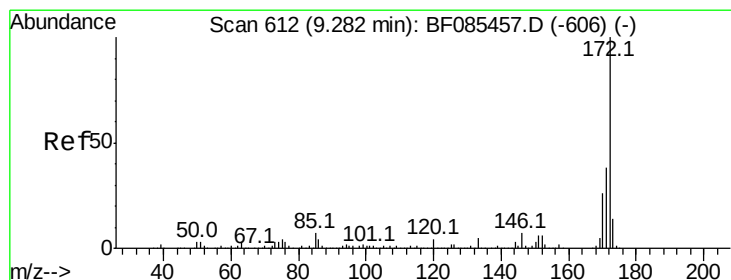
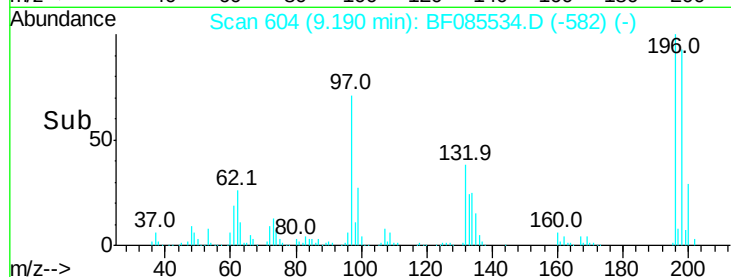
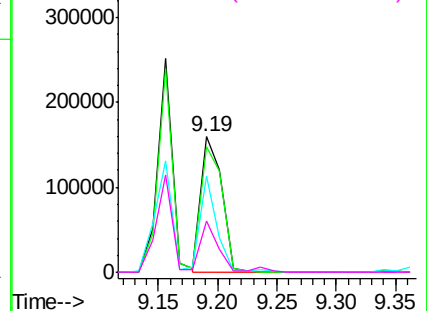
#43
 2,4,5-Trichlorophenol
 Concen: 40.14 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.05 min
 Lab File: BF085534.D
 Acq: 18 Mar 2016 12:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 197798
 Ion Ratio Lower Upper
 196 100
 198 93.1 75.7 113.5
 97 71.1 46.4 69.6#
 132 38.3 26.2 39.4

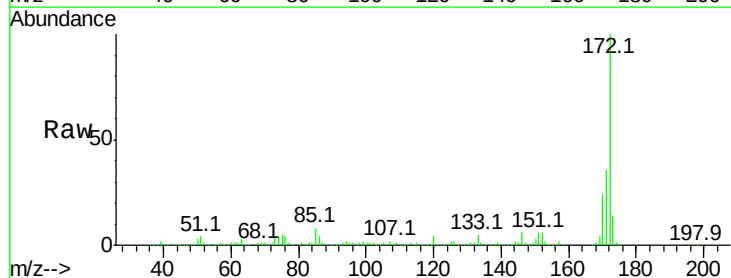


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

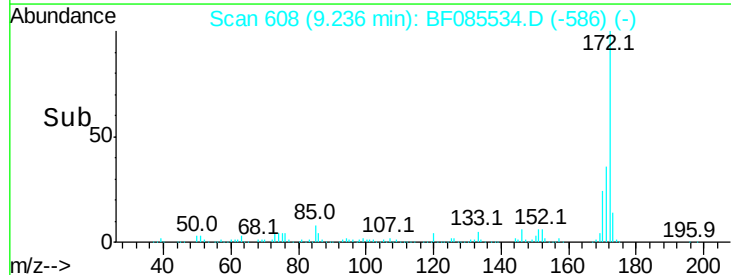
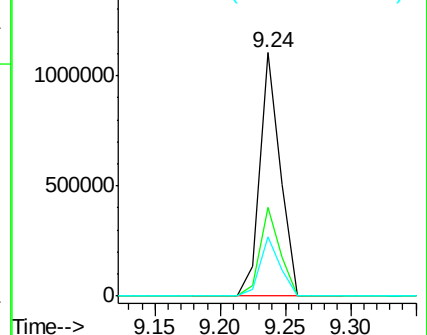


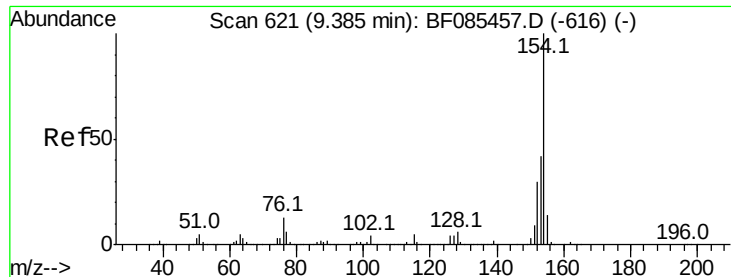
#44
 2-Fluorobiphenyl
 Concen: 87.94 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.05 min
 Lab File: BF085534.D
 Acq: 18 Mar 2016 12:57

Tgt Ion:172 Resp: 1203960
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.3 43.9
 170 24.4 20.0 30.0



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: 41.77 ng

RT: 9.34 min Scan# 617

Delta R.T. -0.05 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

Instrument :

BNA_F

ClientSampled :

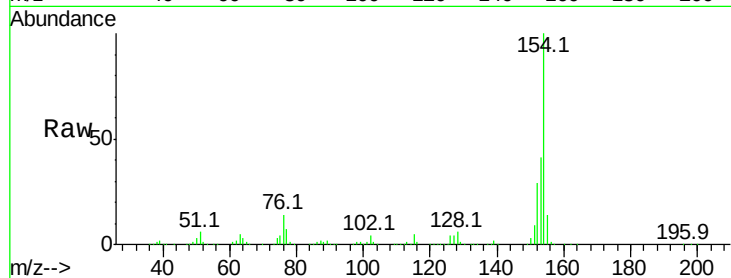
Tot Ion:154 Resp: 809841

Ion Ratio Lower Upper

154 100

153 41.2 21.4 61.4

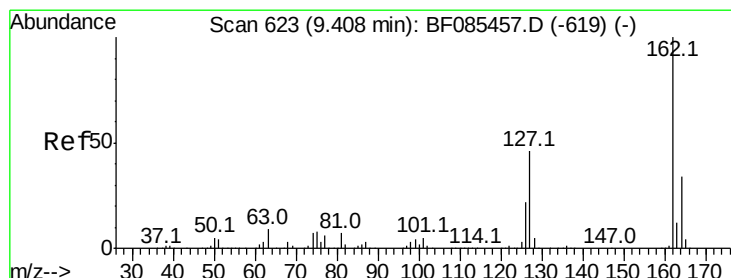
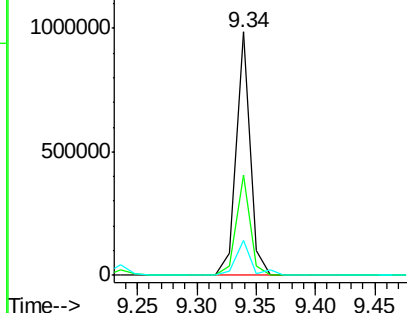
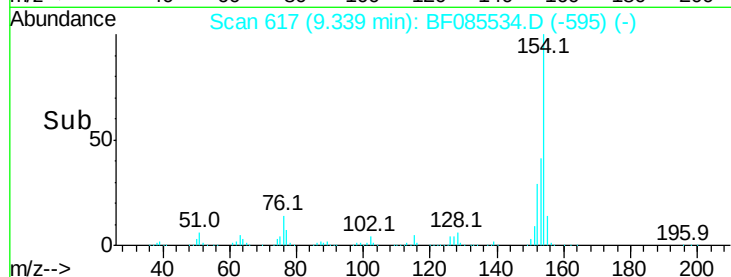
76 14.3 0.0 37.5



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: 40.00 ng

RT: 9.36 min Scan# 619

Delta R.T. -0.05 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

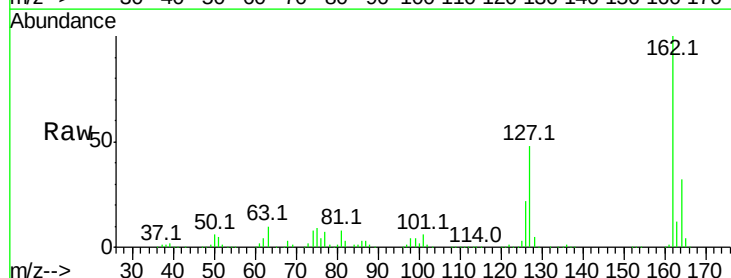
Tgt Ion:162 Resp: 581012

Ion Ratio Lower Upper

162 100

127 47.6 31.6 47.4#

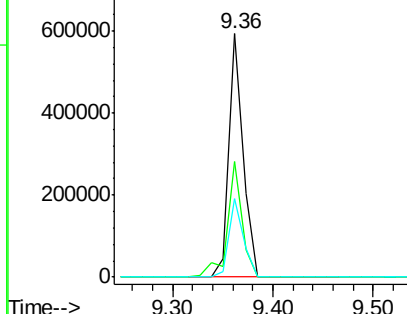
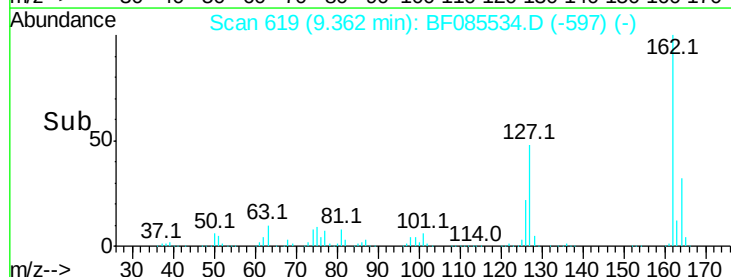
164 32.4 27.1 40.7

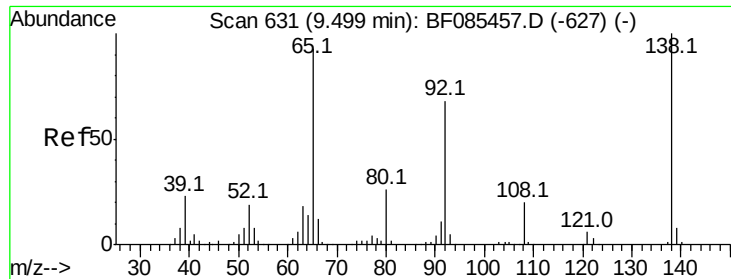


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

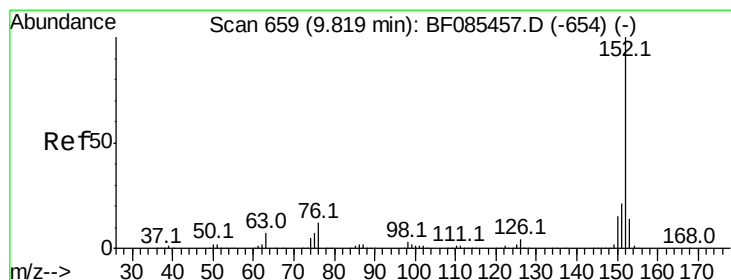
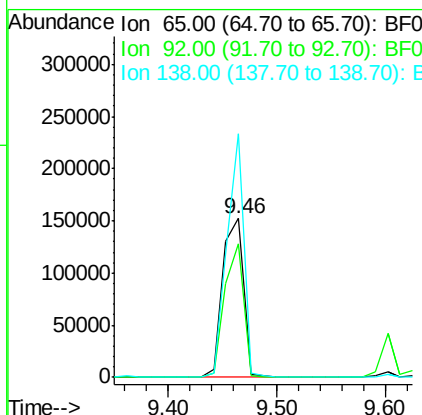
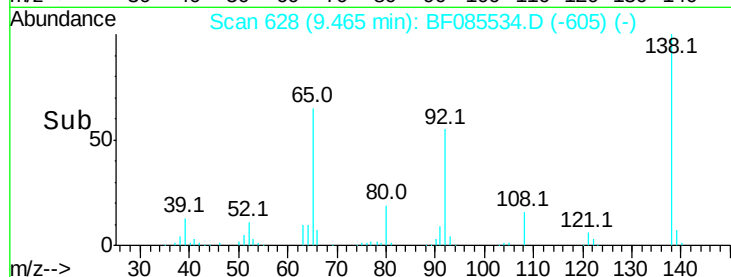
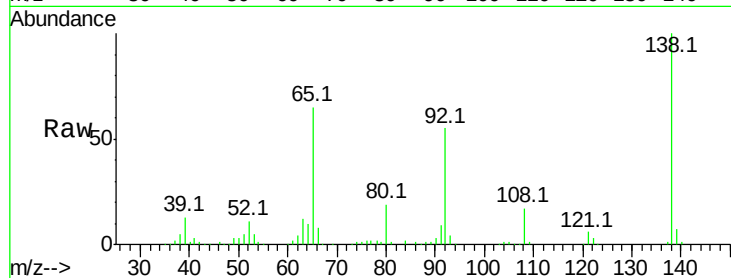




#47
 2-Nitroaniline
 Concen: 46.10 ng
 RT: 9.46 min Scan# 628
 Delta R.T. -0.03 min
 Lab File: BF085534.D
 Acq: 18 Mar 2016 12:57

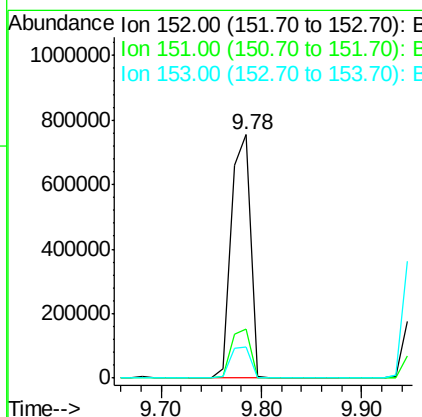
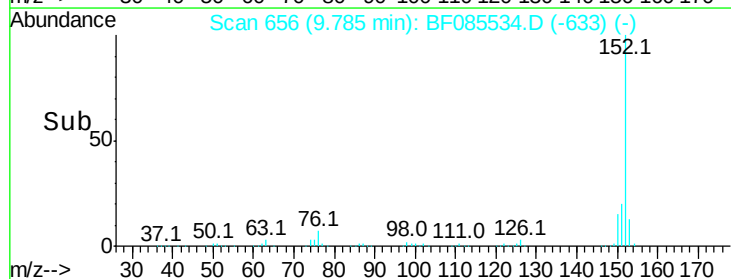
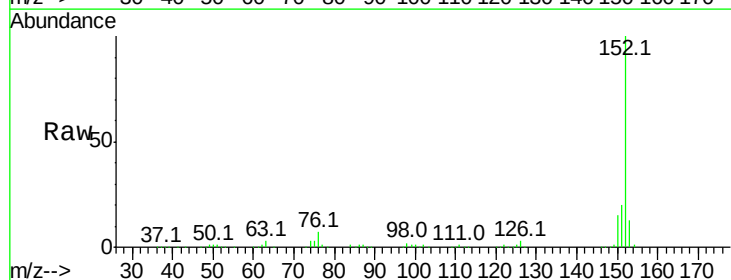
Instrument :
 BNA_F
 ClientSampleID :

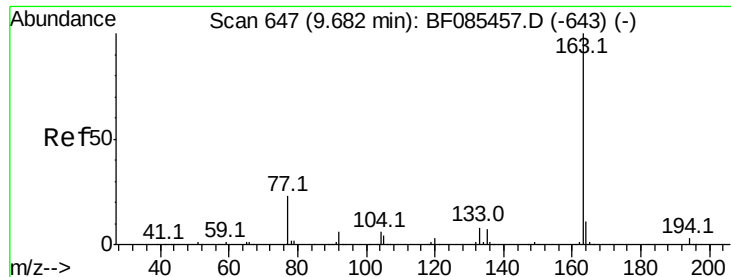
Tot Ion: 65 Resp: 202765
 Ion Ratio Lower Upper
 65 100
 92 84.2 55.4 83.2#
 138 153.3 75.7 113.5#



#48
 Acenaphthylene
 Concen: 42.39 ng
 RT: 9.78 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF085534.D
 Acq: 18 Mar 2016 12:57

Tgt Ion: 152 Resp: 996178
 Ion Ratio Lower Upper
 152 100
 151 20.3 17.5 26.3
 153 12.6 11.3 16.9





#49

Dimethylphthalate

Concen: 43.77 ng

RT: 9.64 min Scan# 643

Delta R.T. -0.05 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

Instrument :

BNA_F

ClientSampleId :

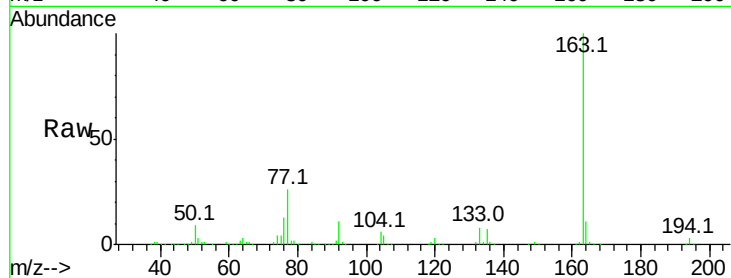
Tot Ion:163 Resp: 758522

Ion Ratio Lower Upper

163 100

194 3.3 3.1 4.7

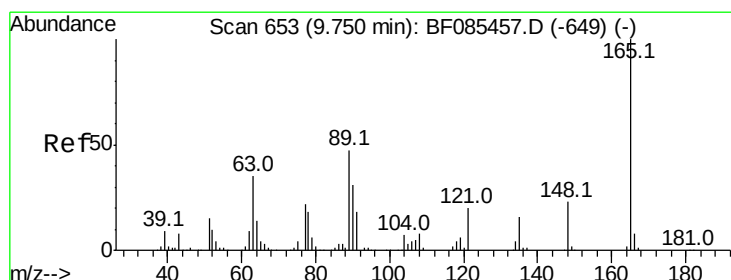
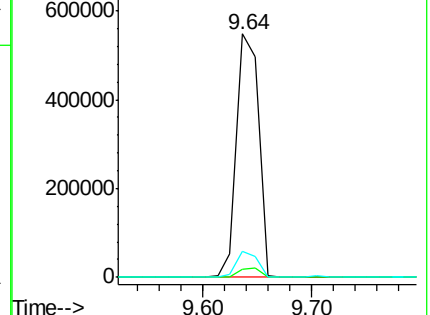
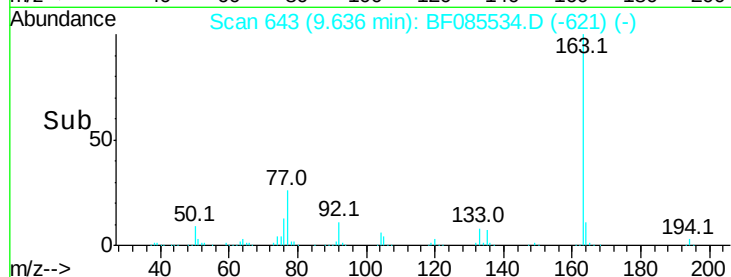
164 10.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.02 ng

RT: 9.70 min Scan# 649

Delta R.T. -0.05 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

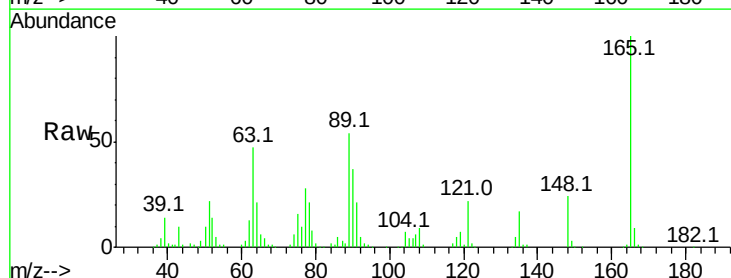
Tgt Ion:165 Resp: 160847

Ion Ratio Lower Upper

165 100

63 47.4 41.8 62.8

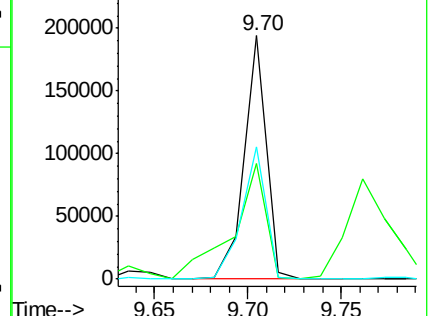
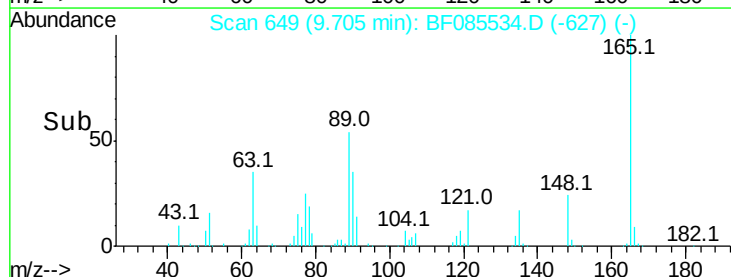
89 54.4 46.7 70.1

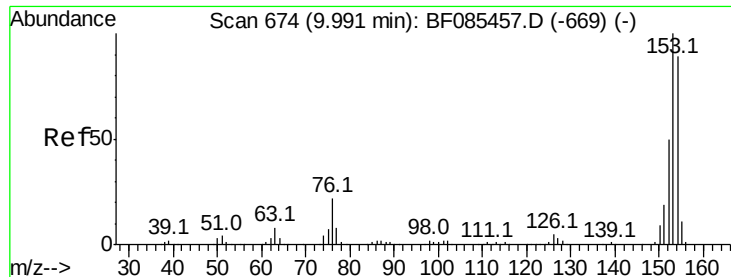


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.18 ng

RT: 9.96 min Scan# 671

Delta R.T. -0.03 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

Instrument :

BNA_F

ClientSampleId :

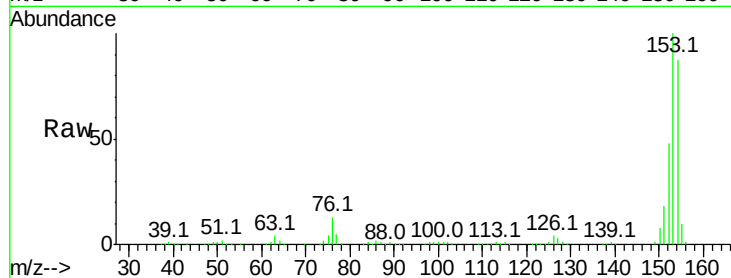
Tot Ion:154 Resp: 593638

Ion Ratio Lower Upper

154 100

153 114.9 89.8 134.8

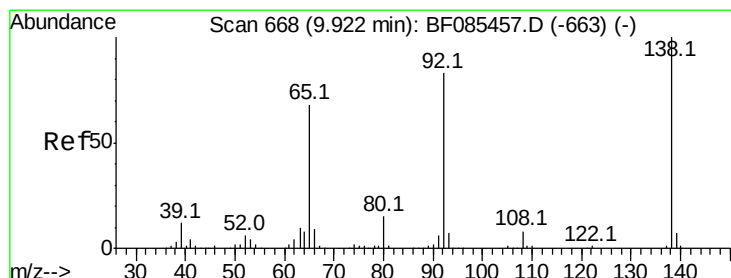
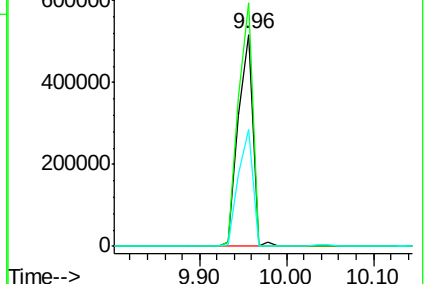
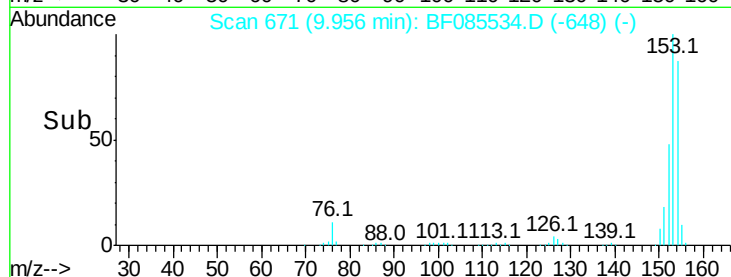
152 55.4 44.6 66.8



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: 46.12 ng

RT: 9.88 min Scan# 664

Delta R.T. -0.05 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

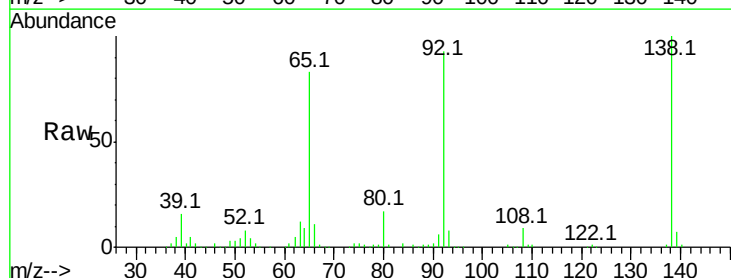
Tgt Ion:138 Resp: 211128

Ion Ratio Lower Upper

138 100

108 8.9 7.8 11.6

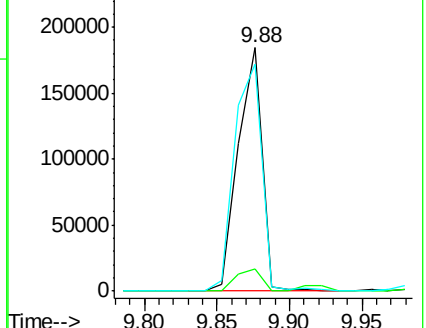
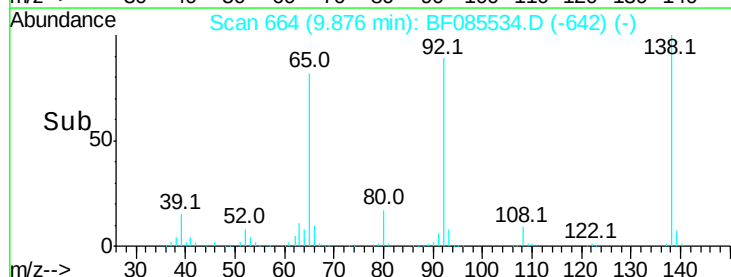
92 93.0 81.3 121.9

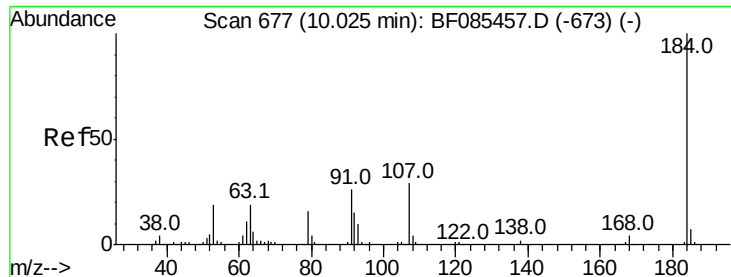


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

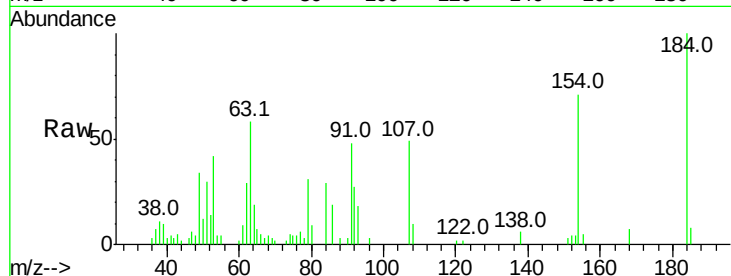




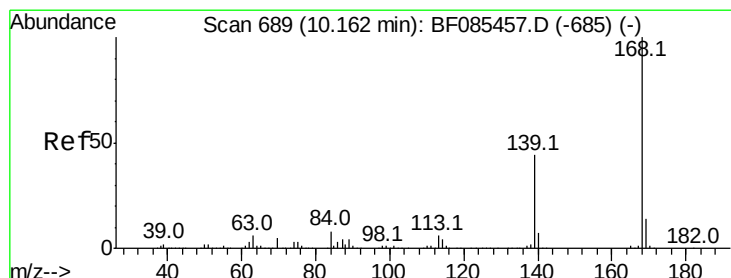
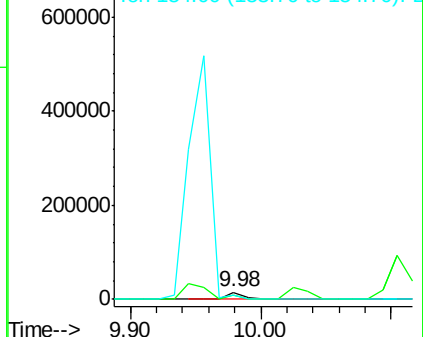
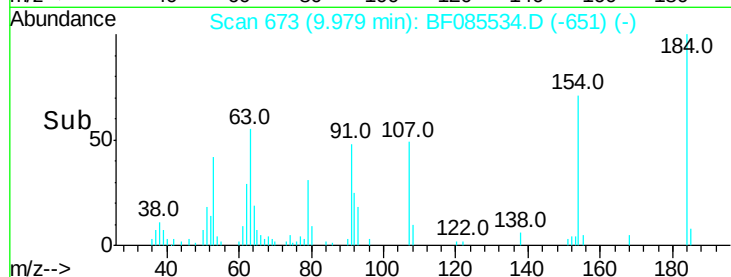
#53
 2,4-Dinitrophenol
 Concen: 13.01 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.04 min
 Lab File: BF085534.D
 Acq: 18 Mar 2016 12:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 14084
 Ion Ratio Lower Upper
 184 100
 63 57.6 82.2 123.4#
 154 71.0 108.9 163.3#

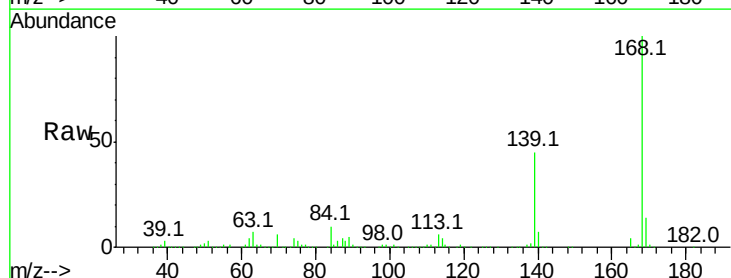


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

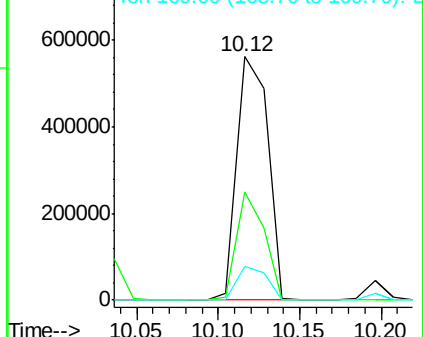
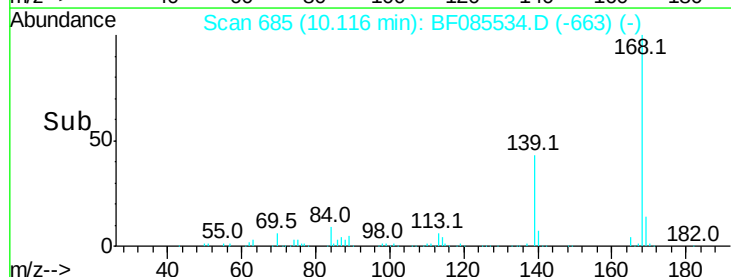


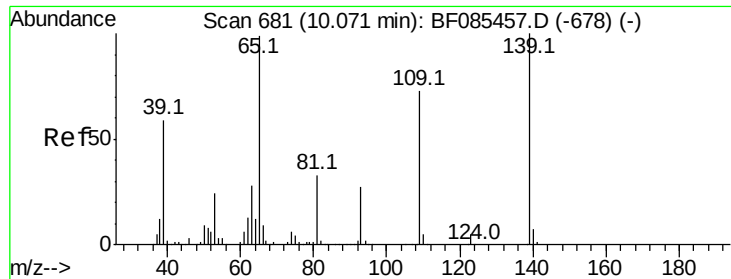
#54
 Dibenzofuran
 Concen: 40.55 ng
 RT: 10.12 min Scan# 685
 Delta R.T. -0.05 min
 Lab File: BF085534.D
 Acq: 18 Mar 2016 12:57

Tgt Ion:168 Resp: 735922
 Ion Ratio Lower Upper
 168 100
 139 44.6 33.6 50.4
 169 13.9 11.2 16.8



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

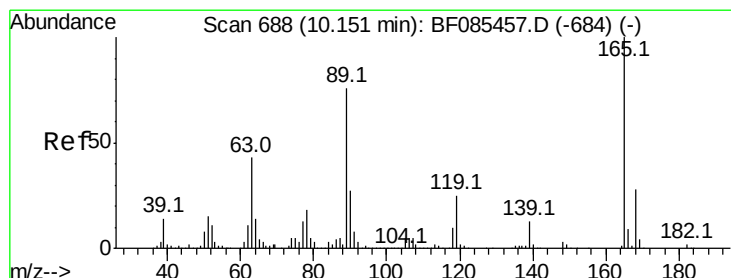
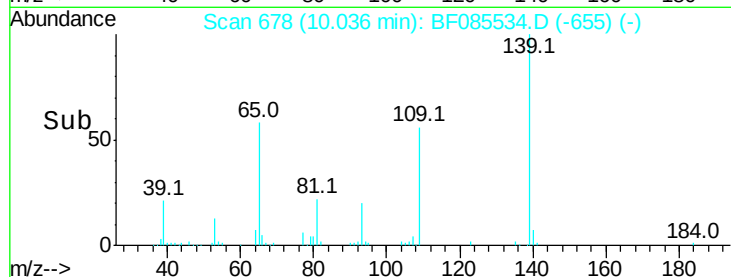
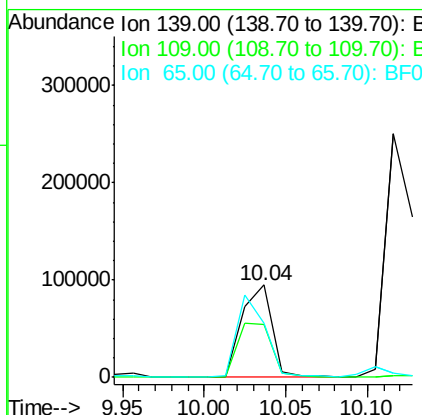
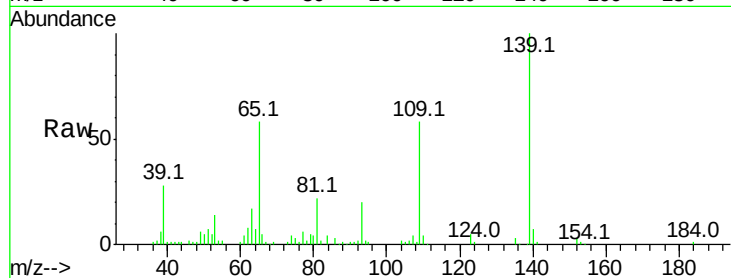




#55
4-Nitrophenol
Concen: 38.79 ng
RT: 10.04 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF085534.D
Acq: 18 Mar 2016 12:57

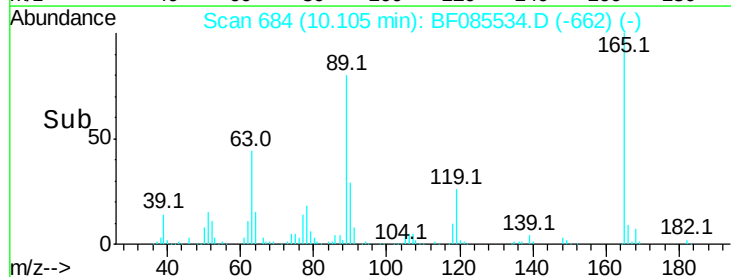
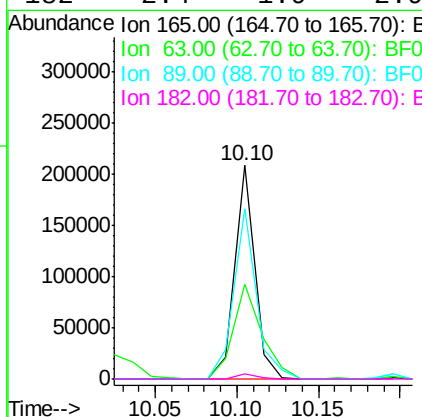
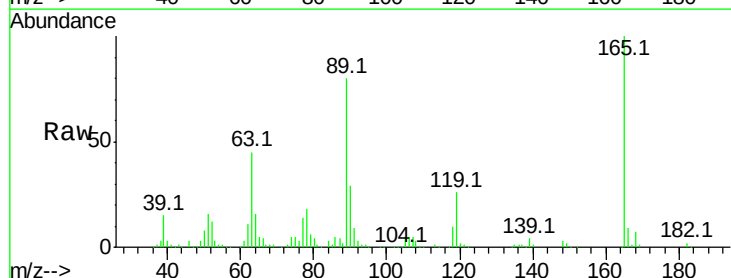
Instrument :
BNA_F
ClientSampled :

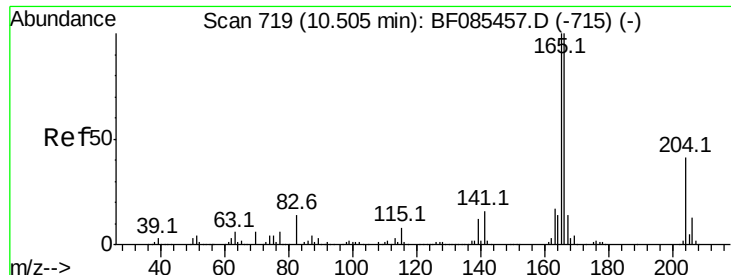
Tot Ion:139 Resp: 122234
Ion Ratio Lower Upper
139 100
109 57.9 41.9 81.9
65 58.2 48.3 88.3



#56
2,4-Dinitrotoluene
Concen: 36.34 ng
RT: 10.10 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF085534.D
Acq: 18 Mar 2016 12:57

Tgt Ion:165 Resp: 174504
Ion Ratio Lower Upper
165 100
63 44.7 35.4 53.0
89 79.8 61.9 92.9
182 2.4 1.9 2.9

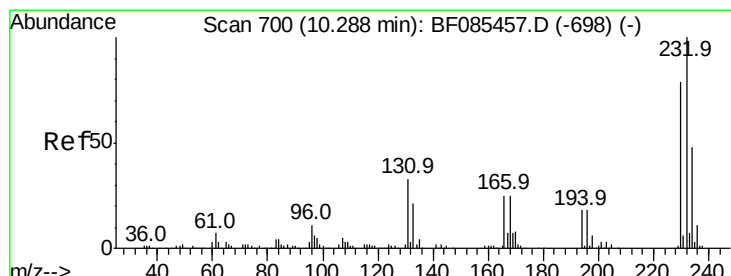
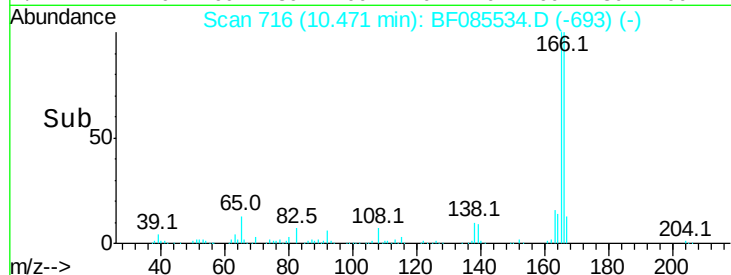
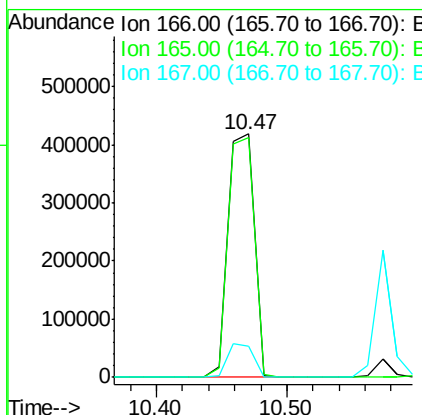
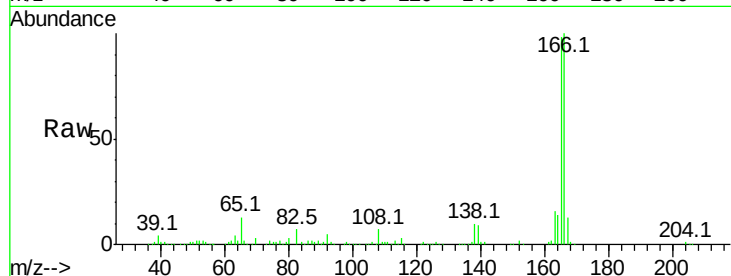




#57
 Fluorene
 Concen: 40.27 ng
 RT: 10.47 min Scan# 716
 Delta R.T. -0.03 min
 Lab File: BF085534.D
 Acq: 18 Mar 2016 12:57

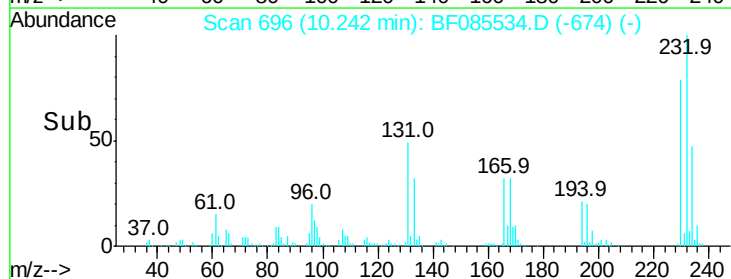
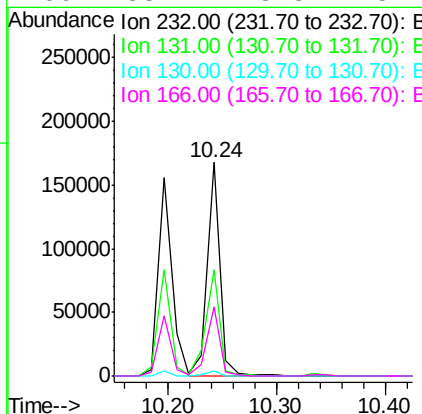
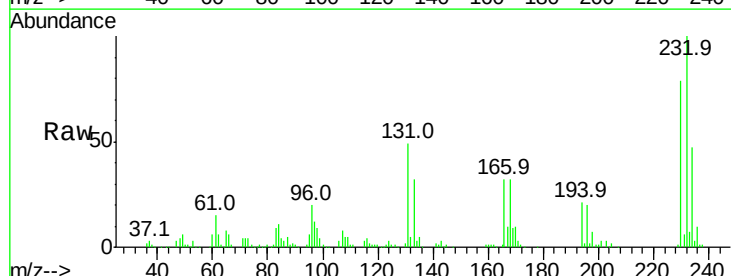
Instrument :
 BNA_F
 ClientSampleId :

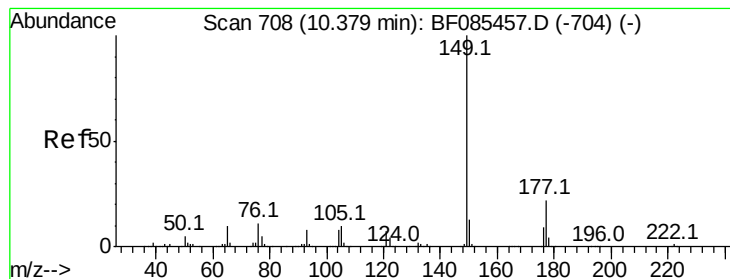
Tot Ion:166 Resp: 582756
 Ion Ratio Lower Upper
 166 100
 165 98.3 79.4 119.0
 167 12.9 11.0 16.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.77 ng
 RT: 10.24 min Scan# 696
 Delta R.T. -0.05 min
 Lab File: BF085534.D
 Acq: 18 Mar 2016 12:57

Tgt Ion:232 Resp: 137944
 Ion Ratio Lower Upper
 232 100
 131 53.1 46.0 69.0
 130 2.6 2.2 3.4
 166 33.2 28.8 43.2





#59

Diethylphthalate

Concen: 42.22 ng

RT: 10.33 min Scan# 704

Delta R.T. -0.05 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

Instrument :

BNA_F

ClientSampleId :

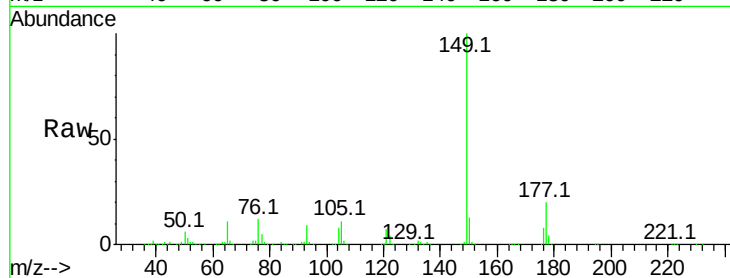
Tot Ion:149 Resp: 708252

Ion Ratio Lower Upper

149 100

177 19.9 19.2 28.8

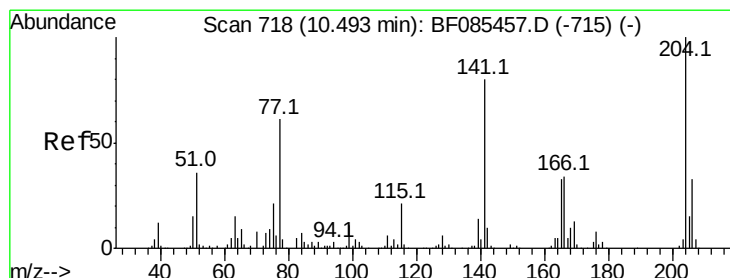
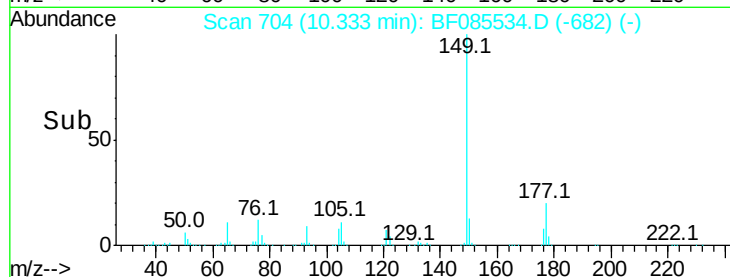
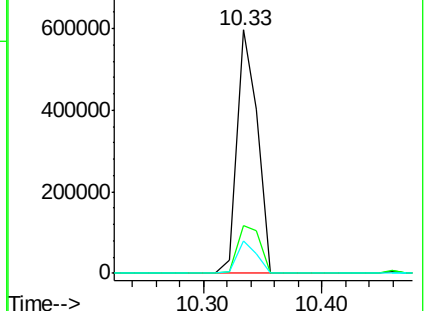
150 13.1 9.9 14.9



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: 44.05 ng

RT: 10.46 min Scan# 715

Delta R.T. -0.03 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

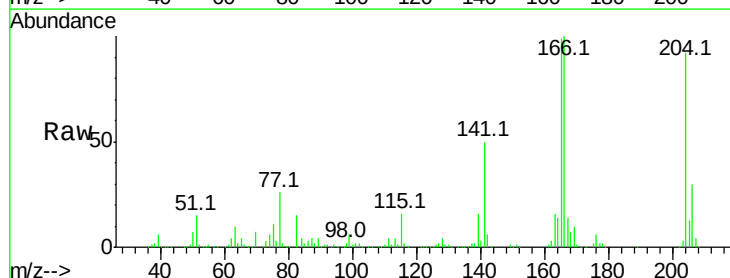
Tgt Ion:204 Resp: 327568

Ion Ratio Lower Upper

204 100

206 32.8 26.5 39.7

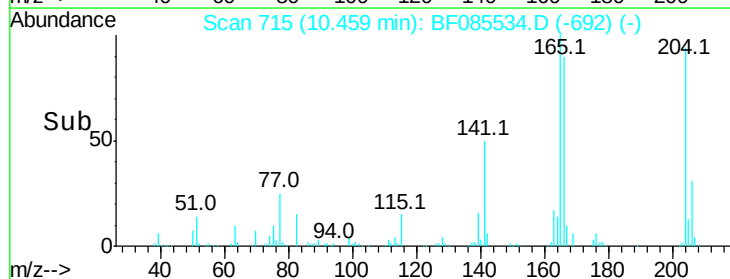
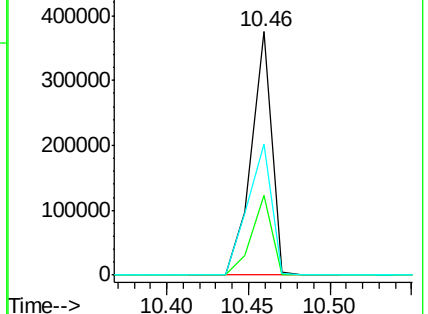
141 53.8 55.4 83.2#

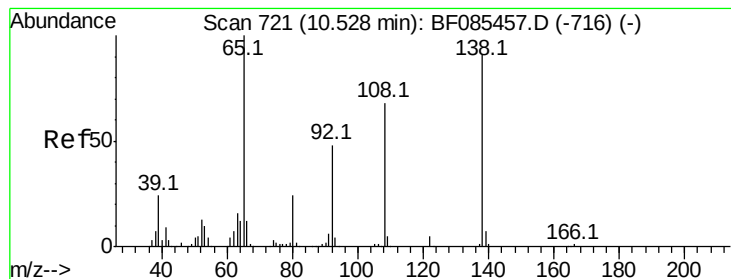


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.28 ng

RT: 10.48 min Scan# 717

Delta R.T. -0.05 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

Instrument :

BNA_F

ClientSampleId :

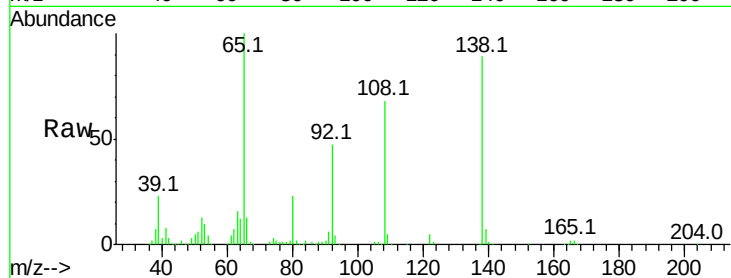
Tot Ion:138 Resp: 164775

Ion Ratio Lower Upper

138 100

92 52.8 34.2 74.2

108 75.9 53.9 93.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

10.48

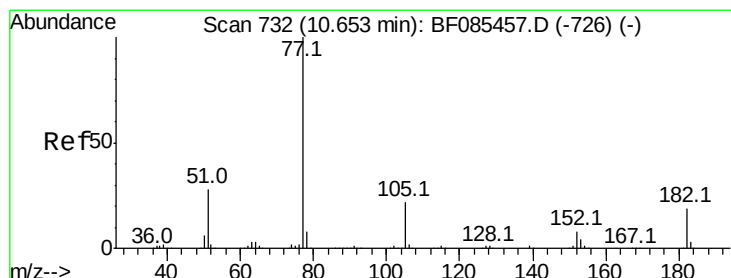
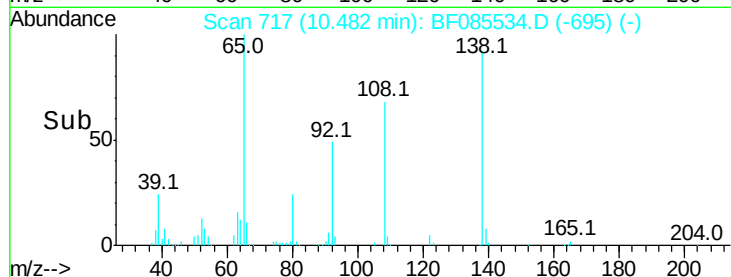
150000

100000

50000

0

Time-->



#62

Azobenzene

Concen: 41.08 ng

RT: 10.62 min Scan# 729

Delta R.T. -0.03 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

Tgt Ion: 77 Resp: 684387

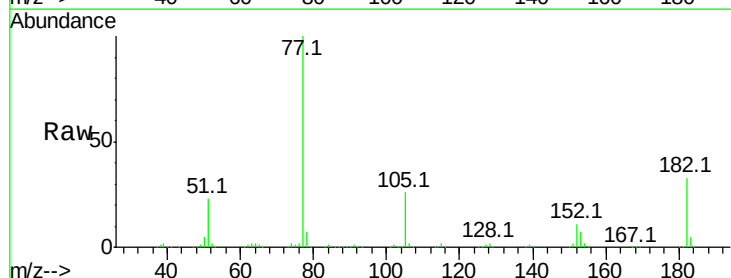
Ion Ratio Lower Upper

77 100

182 32.9 2.1 42.1

105 25.8 3.8 43.8

51 23.3 7.8 47.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

10.62

800000

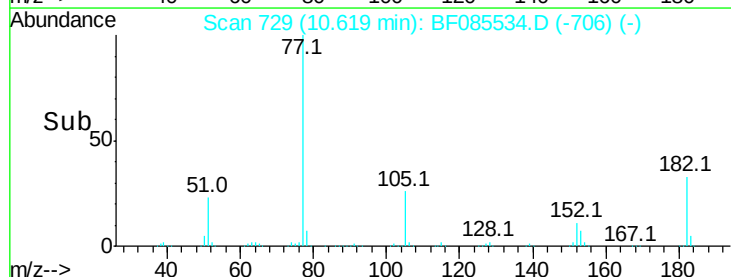
600000

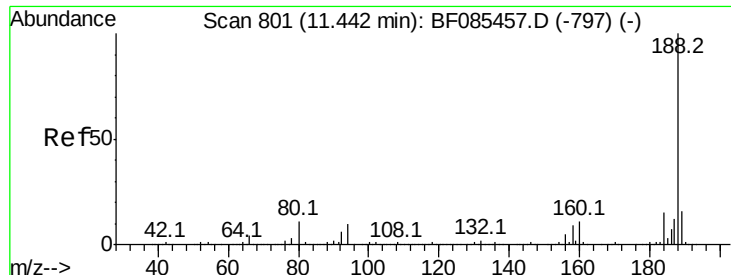
400000

200000

0

Time-->

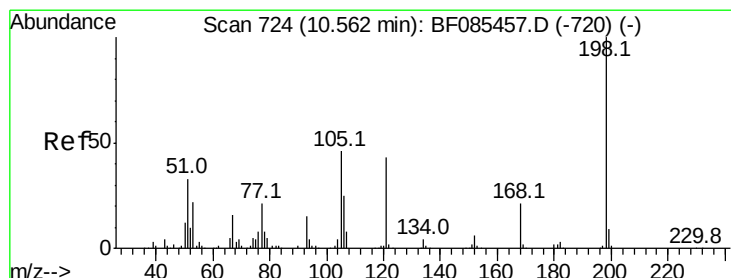
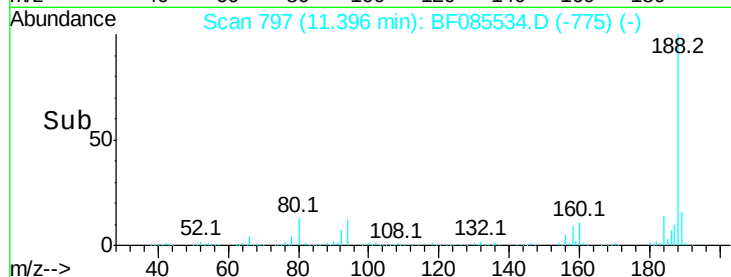
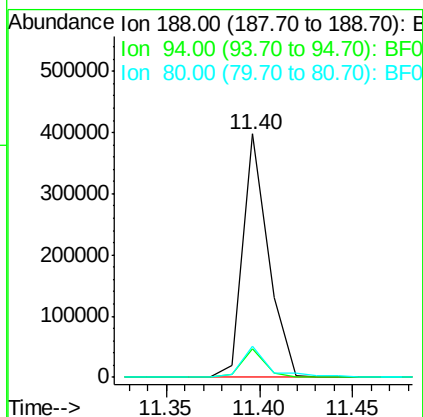
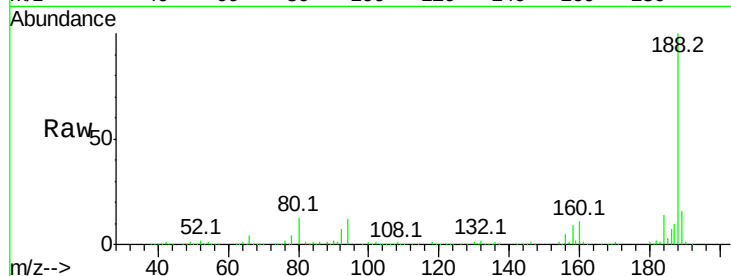




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.05 min
 Lab File: BF085534.D
 Acq: 18 Mar 2016 12:57

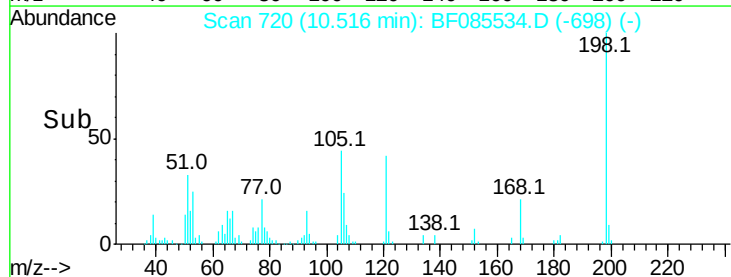
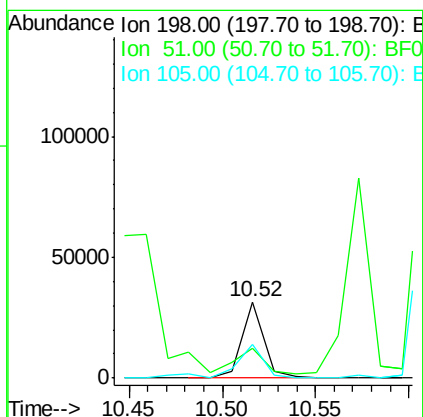
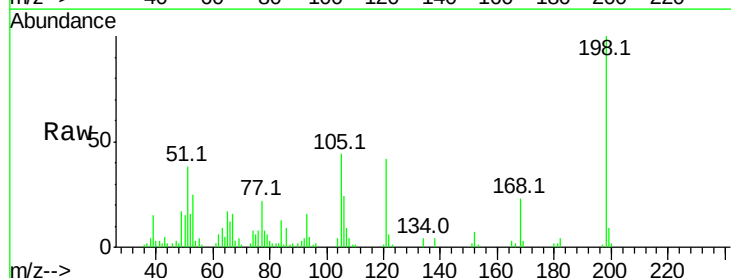
Instrument :
 BNA_F
 ClientSampleId :

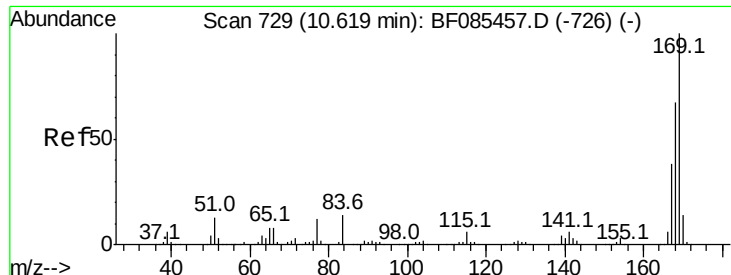
Tot Ion:188 Resp: 378529
 Ion Ratio Lower Upper
 188 100
 94 11.8 7.0 10.6#
 80 12.6 7.4 11.0#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 11.54 ng
 RT: 10.52 min Scan# 720
 Delta R.T. -0.04 min
 Lab File: BF085534.D
 Acq: 18 Mar 2016 12:57

Tgt Ion:198 Resp: 26099
 Ion Ratio Lower Upper
 198 100
 51 38.3 9.5 49.5
 105 43.8 20.5 60.5

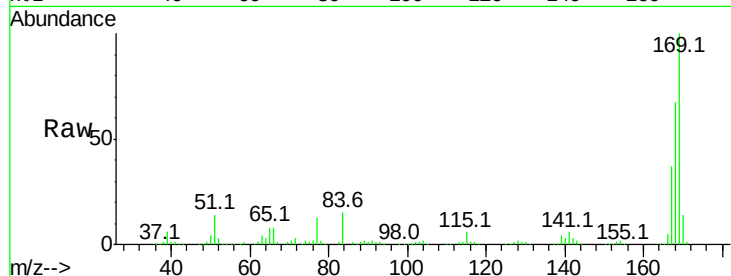




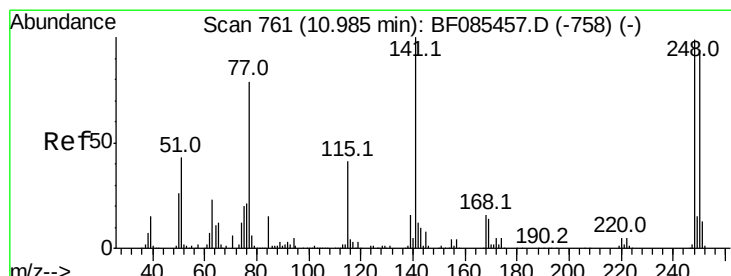
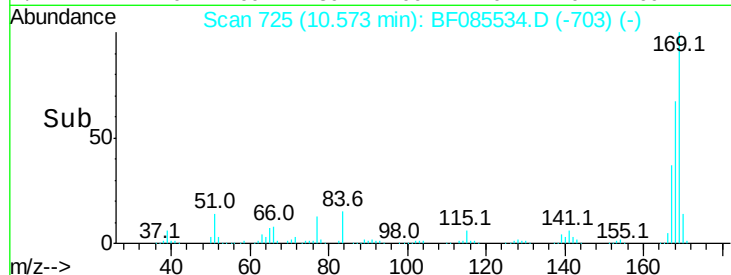
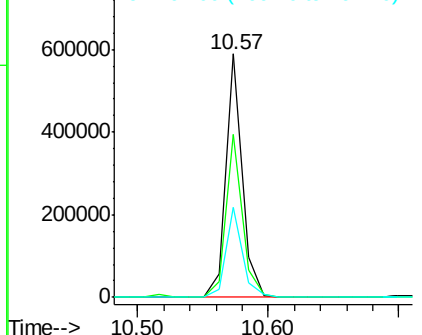
#65
 n-Nitrosodiphenylamine
 Concen: 44.04 ng
 RT: 10.57 min Scan# 725
 Delta R.T. -0.05 min
 Lab File: BF085534.D
 Acq: 18 Mar 2016 12:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.7	54.8	82.2
167	37.1	30.3	45.5

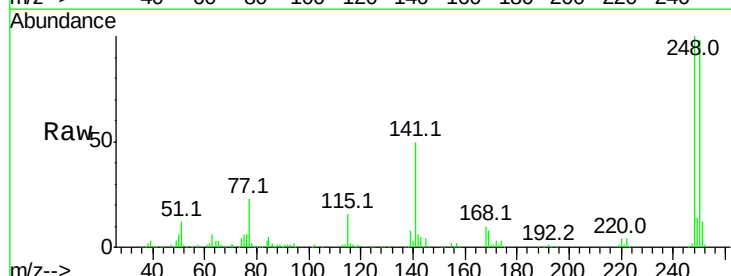


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

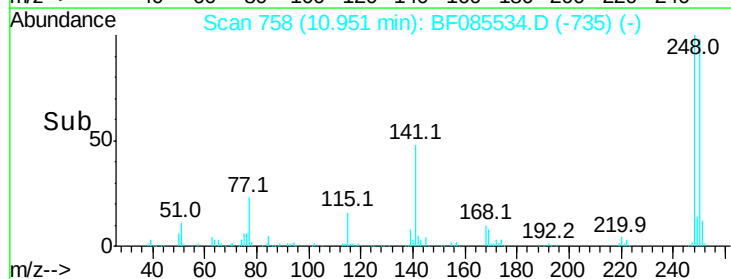
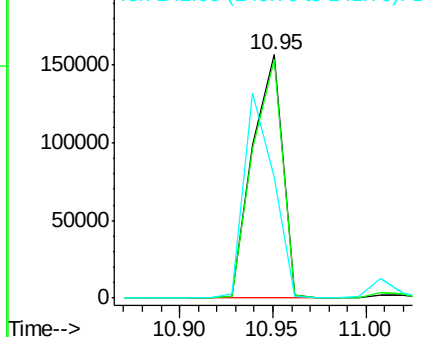


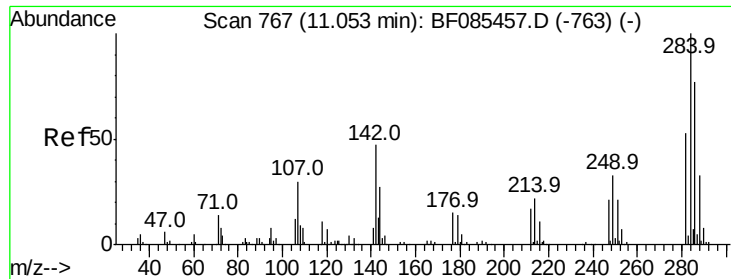
#66
 4-Bromophenyl-phenylether
 Concen: 46.18 ng
 RT: 10.95 min Scan# 758
 Delta R.T. -0.03 min
 Lab File: BF085534.D
 Acq: 18 Mar 2016 12:57

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.1	115.7
141	49.5	66.2	99.2#



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

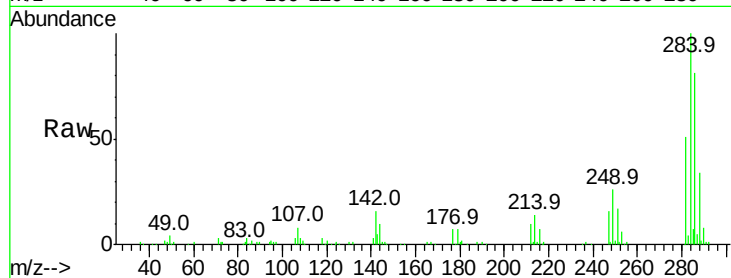




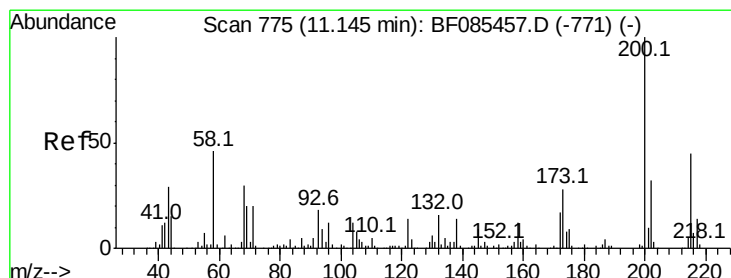
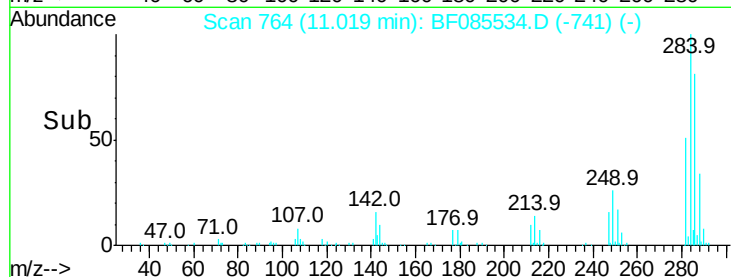
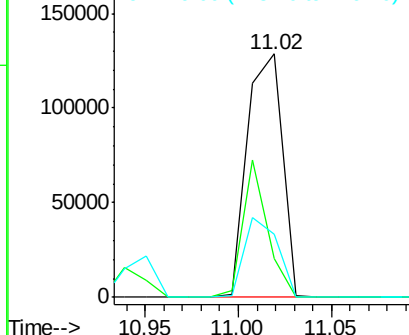
#67
Hexachlorobenzene
Concen: 42.47 ng
RT: 11.02 min Scan# 764
Delta R.T. -0.03 min
Lab File: BF085534.D
Acq: 18 Mar 2016 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 167879
Ion Ratio Lower Upper
284 100
142 16.2 24.9 37.3#
249 26.0 25.0 37.4

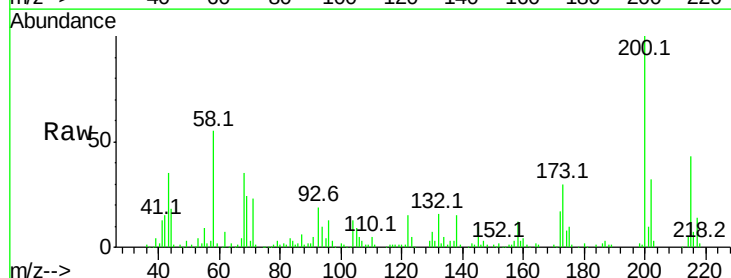


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

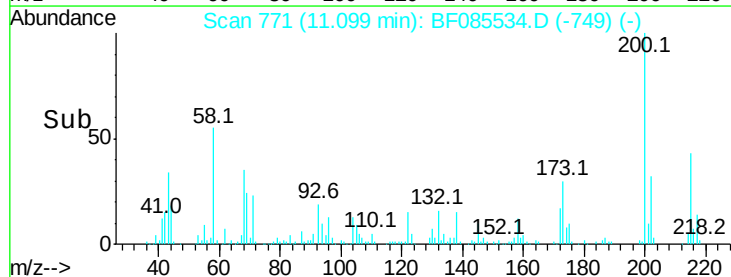
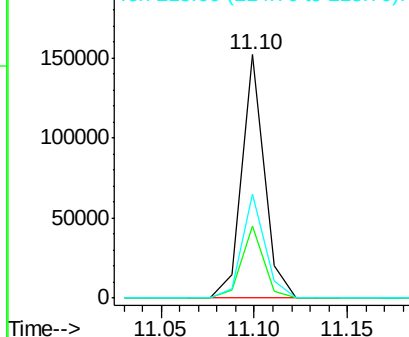


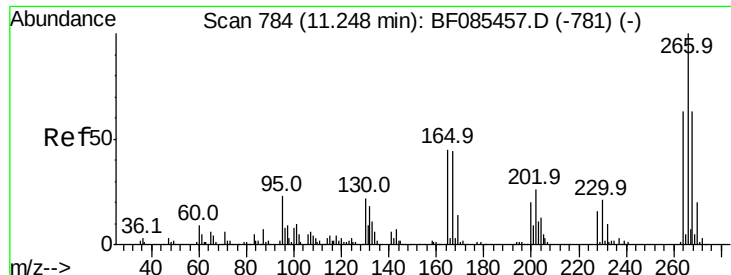
#68
Atrazine
Concen: 38.47 ng
RT: 11.10 min Scan# 771
Delta R.T. -0.05 min
Lab File: BF085534.D
Acq: 18 Mar 2016 12:57

Tgt Ion:200 Resp: 128410
Ion Ratio Lower Upper
200 100
173 29.5 10.5 50.5
215 42.9 23.4 63.4



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

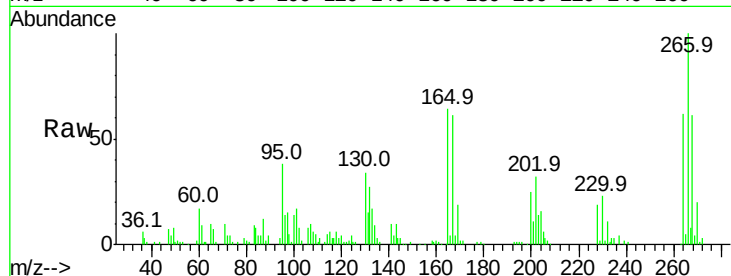




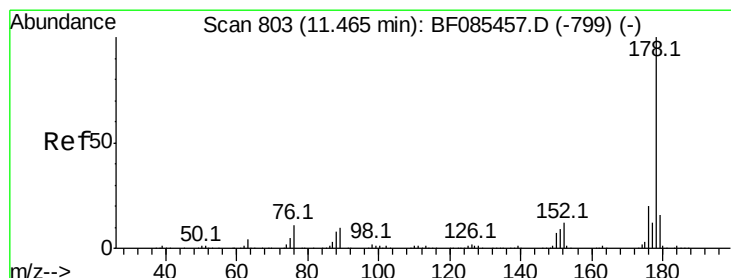
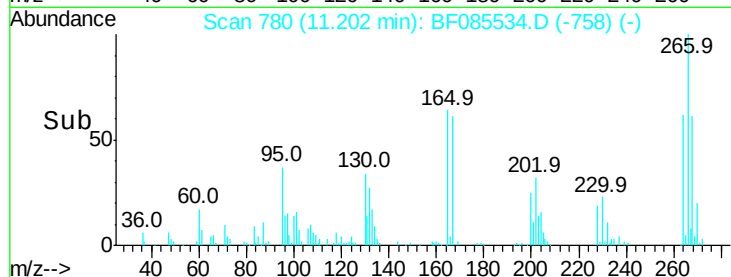
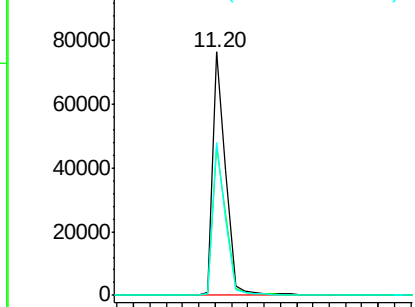
#69
 Pentachlorophenol
 Concen: 40.87 ng
 RT: 11.20 min Scan# 780
 Delta R.T. -0.05 min
 Lab File: BF085534.D
 Acq: 18 Mar 2016 12:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 85638
 Ion Ratio Lower Upper
 266 100
 268 61.1 50.0 75.0
 264 62.5 51.4 77.2

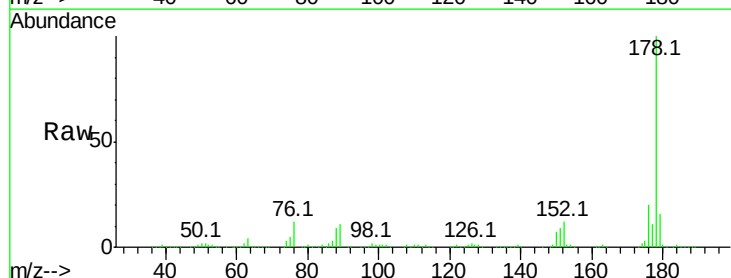


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

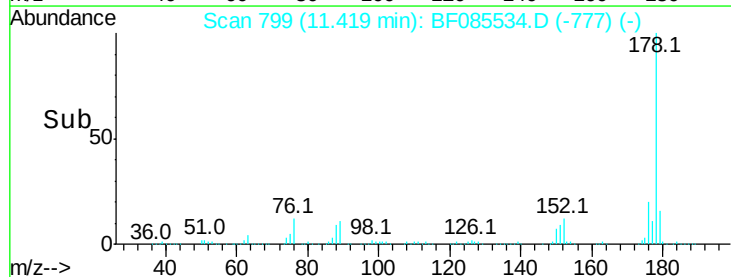
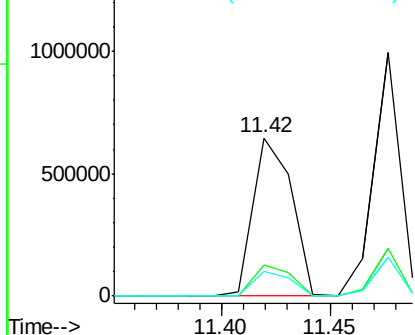


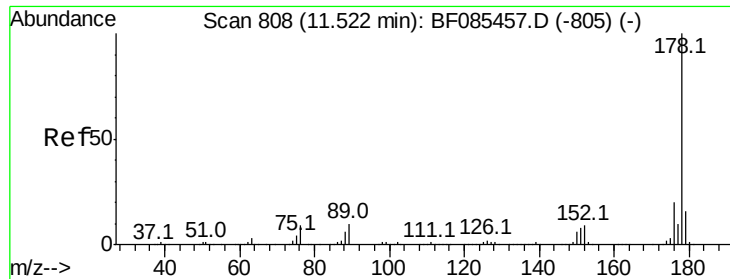
#70
 Phenanthrene
 Concen: 40.64 ng
 RT: 11.42 min Scan# 799
 Delta R.T. -0.05 min
 Lab File: BF085534.D
 Acq: 18 Mar 2016 12:57

Tgt Ion:178 Resp: 801199
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.8 25.2
 179 16.1 13.1 19.7



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

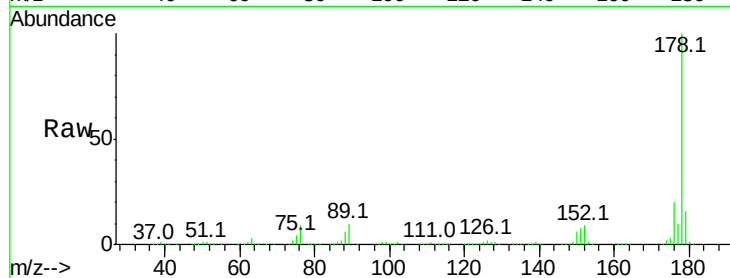




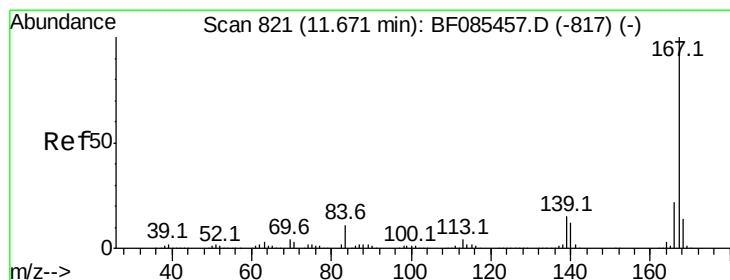
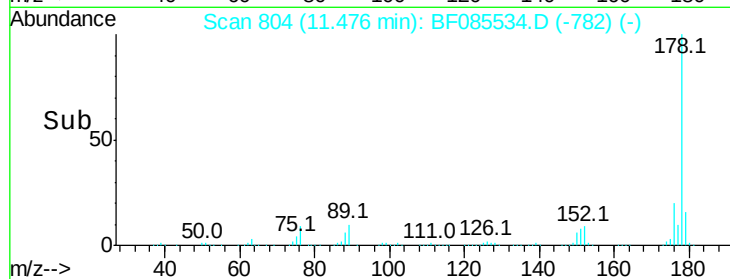
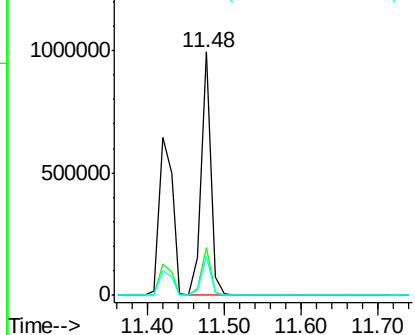
#71
 Anthracene
 Concen: 42.28 ng
 RT: 11.48 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF085534.D
 Acq: 18 Mar 2016 12:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 849049
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.9 12.5 18.7

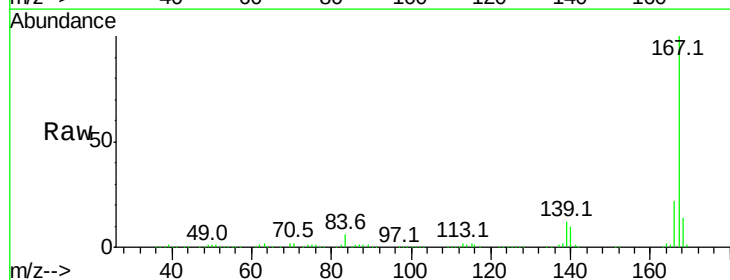


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

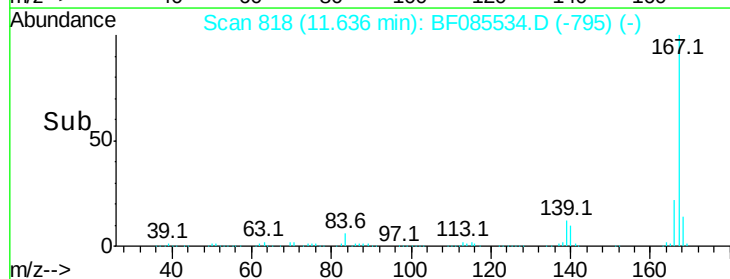
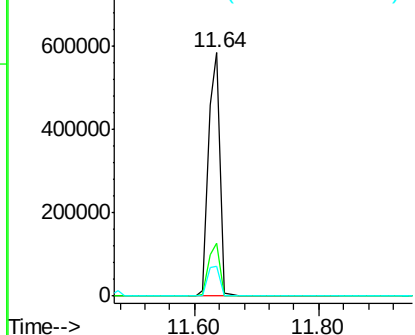


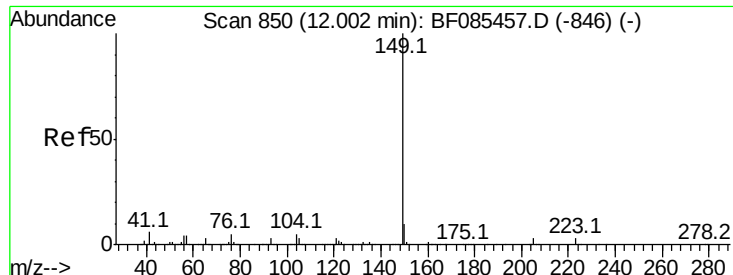
#72
 Carbazole
 Concen: 43.41 ng
 RT: 11.64 min Scan# 818
 Delta R.T. -0.03 min
 Lab File: BF085534.D
 Acq: 18 Mar 2016 12:57

Tgt Ion:167 Resp: 737596
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.2 27.2
 139 12.4 11.4 17.0



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: 48.32 ng

RT: 11.96 min Scan# 846

Delta R.T. -0.05 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

Instrument :

BNA_F

ClientSampleId :

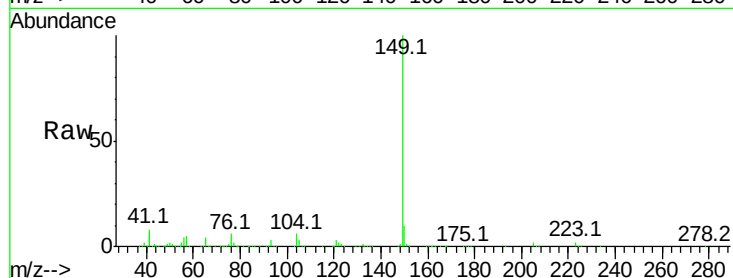
Tot Ion:149 Resp: 1017161

Ion Ratio Lower Upper

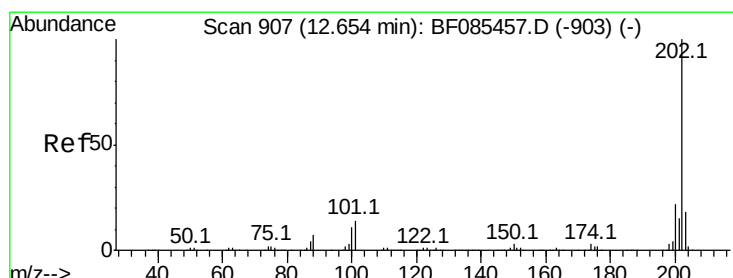
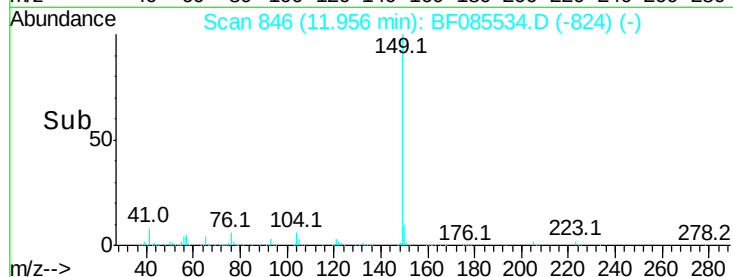
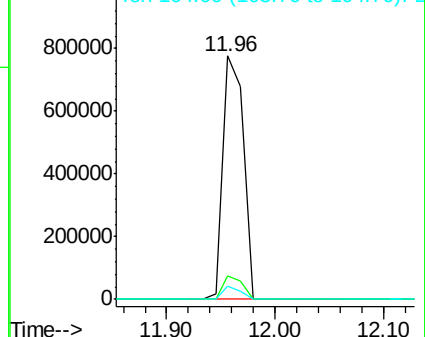
149 100

150 9.7 7.8 11.6

104 5.6 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.84 ng

RT: 12.61 min Scan# 903

Delta R.T. -0.05 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

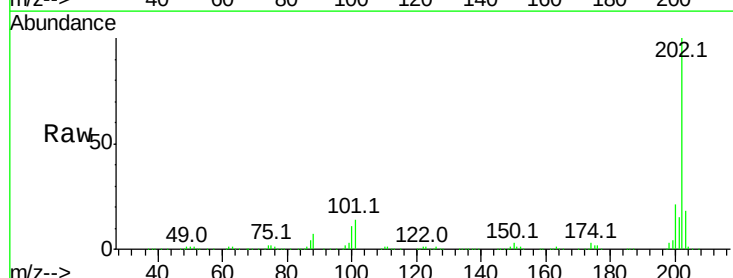
Tgt Ion:202 Resp: 701344

Ion Ratio Lower Upper

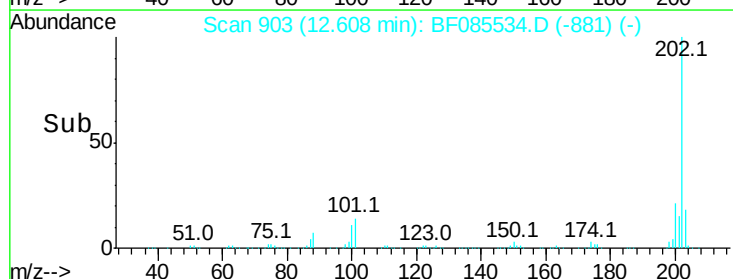
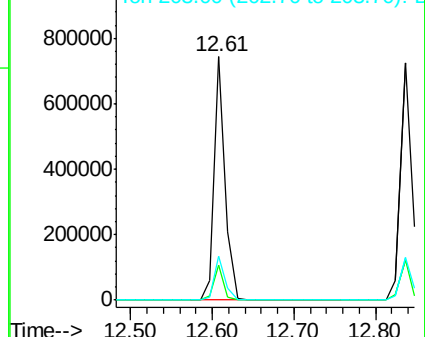
202 100

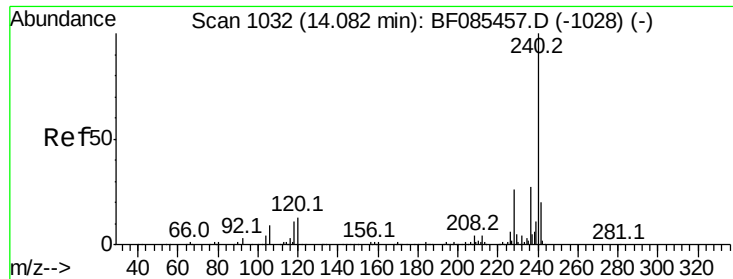
101 14.4 0.0 31.8

203 18.0 0.0 38.4



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: 14.04 min Scan# 1028

Delta R.T. -0.05 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

Instrument :

BNA_F

ClientSampleId :

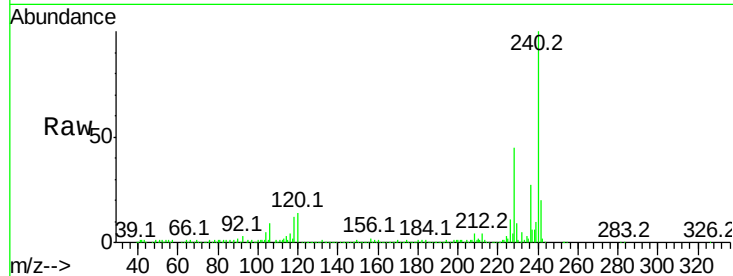
Tot Ion:240 Resp: 278560

Ion Ratio Lower Upper

240 100

120 13.7 5.3 7.9#

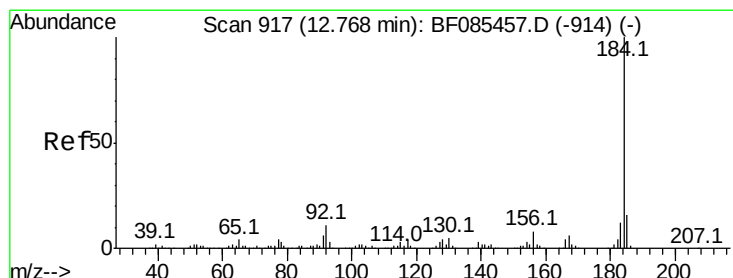
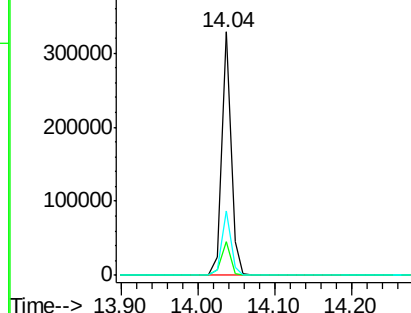
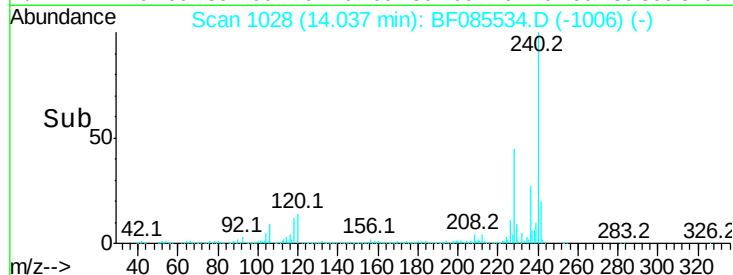
236 26.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 45.34 ng

RT: 12.73 min Scan# 914

Delta R.T. -0.03 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

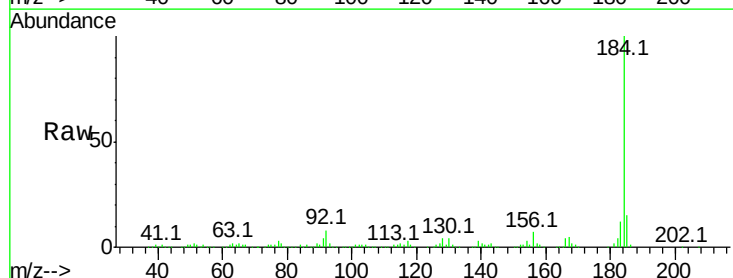
Tgt Ion:184 Resp: 392328

Ion Ratio Lower Upper

184 100

185 14.8 12.4 18.6

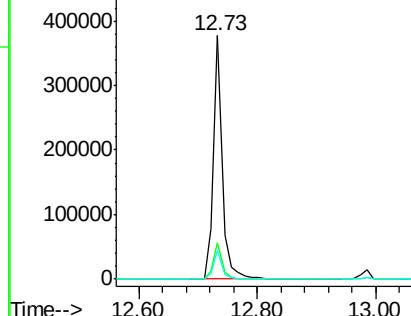
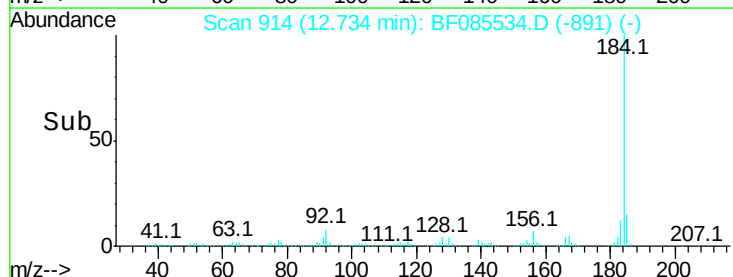
183 11.6 9.4 14.2

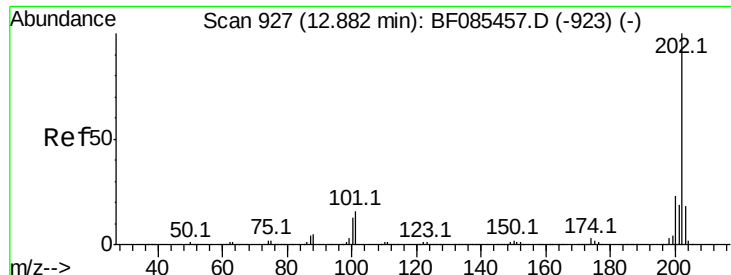


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

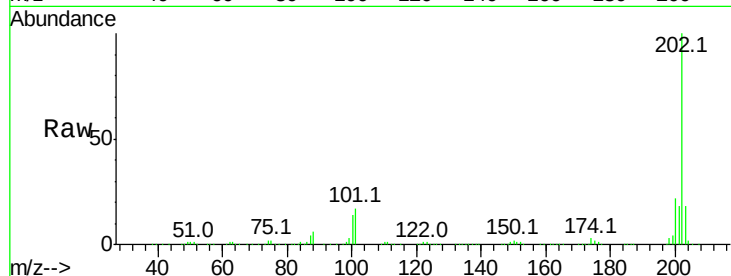




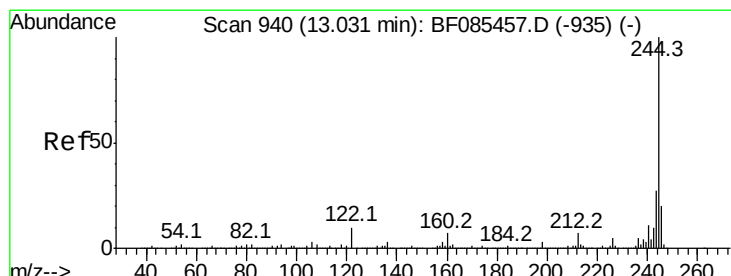
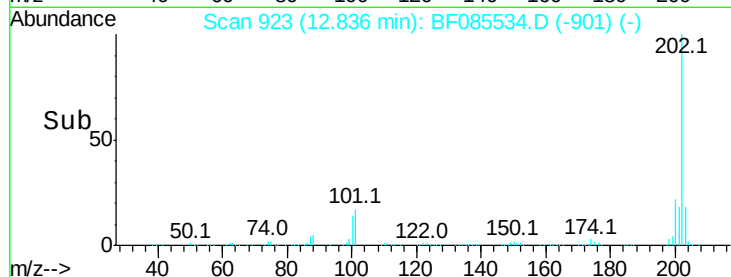
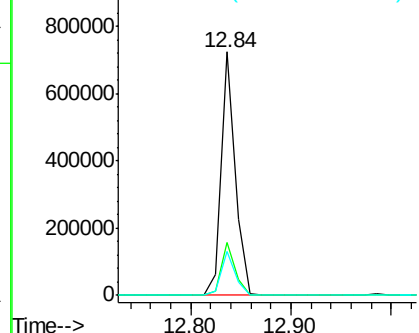
#77
Pvrene
Concen: 33.56 ng
RT: 12.84 min Scan# 923
Delta R.T. -0.05 min
Lab File: BF085534.D
Acq: 18 Mar 2016 12:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 701066
Ion Ratio Lower Upper
202 100
200 21.9 18.2 27.4
203 18.0 14.7 22.1

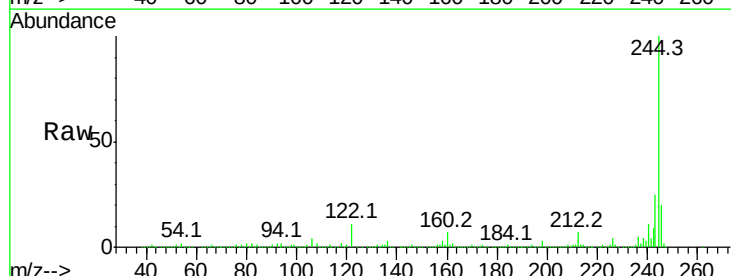


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

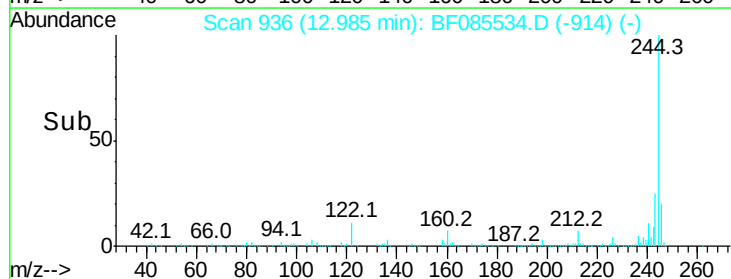
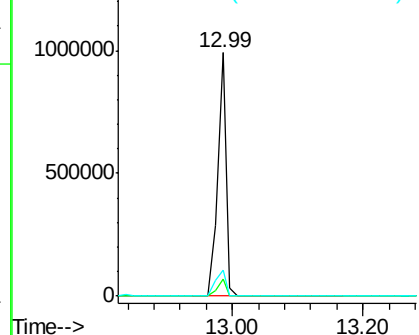


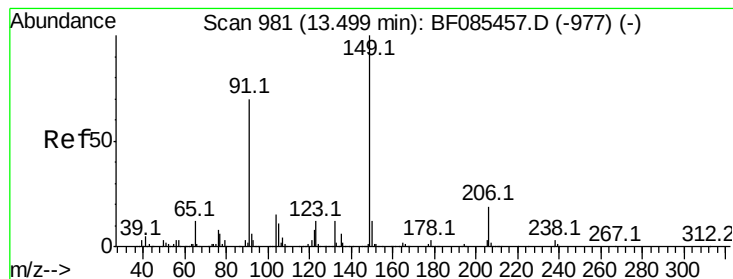
#78
Terphenyl-d14
Concen: 73.85 ng
RT: 12.99 min Scan# 936
Delta R.T. -0.05 min
Lab File: BF085534.D
Acq: 18 Mar 2016 12:57

Tgt Ion:244 Resp: 909352
Ion Ratio Lower Upper
244 100
212 7.2 6.4 9.6
122 10.9 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: 37.36 ng

RT: 13.45 min Scan# 977

Delta R.T. -0.05 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

Instrument :

BNA_F

ClientSampled :

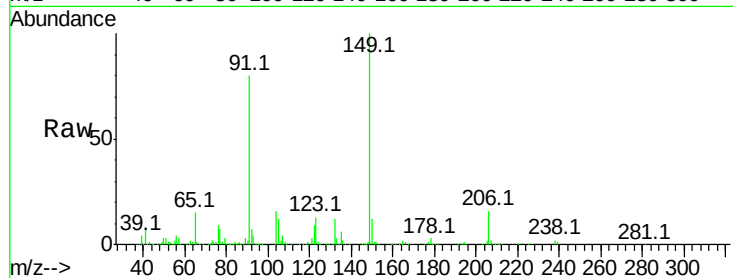
Tot Ion:149 Resp: 341310

Ion Ratio Lower Upper

149 100

91 80.2 69.0 103.4

206 16.5 12.3 18.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

400000

300000

200000

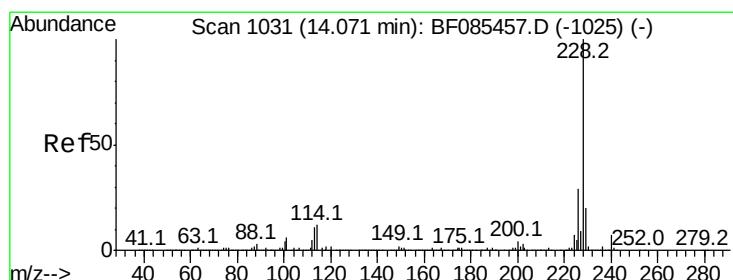
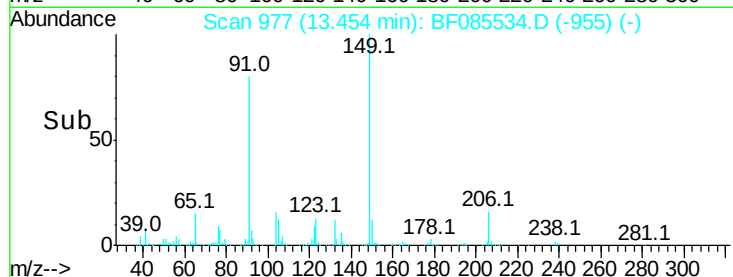
100000

0

13.45

13.40 13.45 13.50

Time-->



#80

Benzo(a)anthracene

Concen: 38.45 ng

RT: 14.03 min Scan# 1027

Delta R.T. -0.05 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

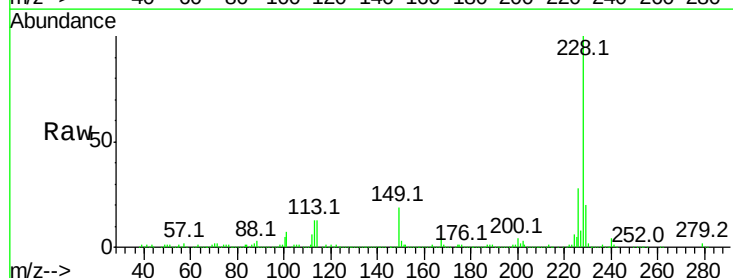
Tgt Ion:228 Resp: 614094

Ion Ratio Lower Upper

228 100

226 27.6 22.8 34.2

229 19.7 16.6 24.8



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

800000

600000

400000

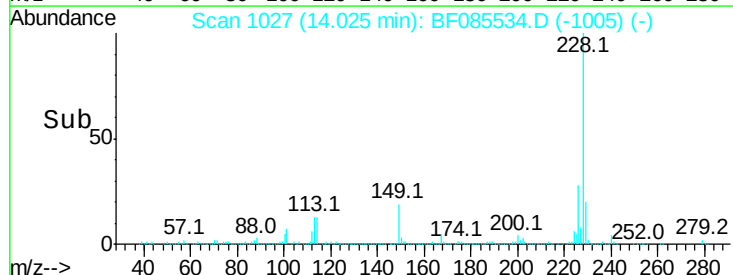
200000

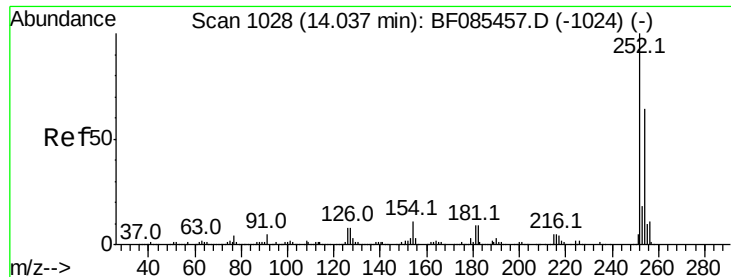
0

14.03

13.95 14.00 14.05

Time-->

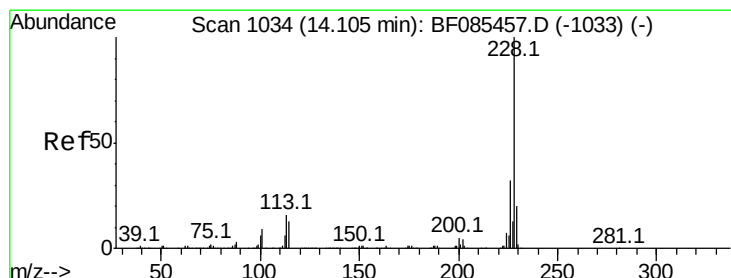
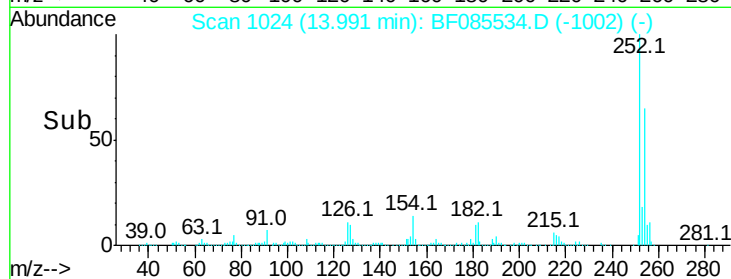
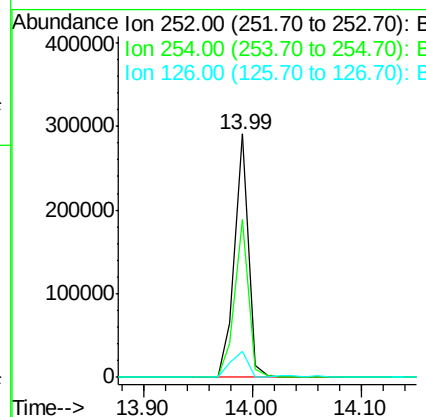
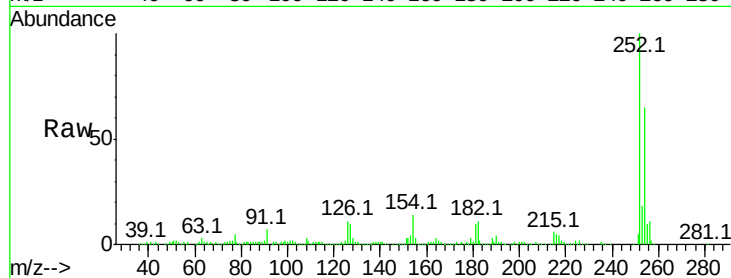




#81
 3,3'-Dichlorobenzidine
 Concen: 47.76 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. -0.05 min
 Lab File: BF085534.D
 Acq: 18 Mar 2016 12:57

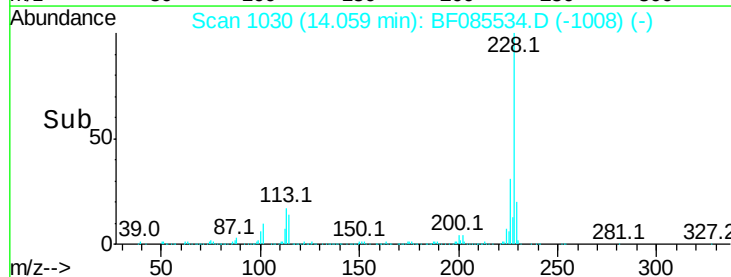
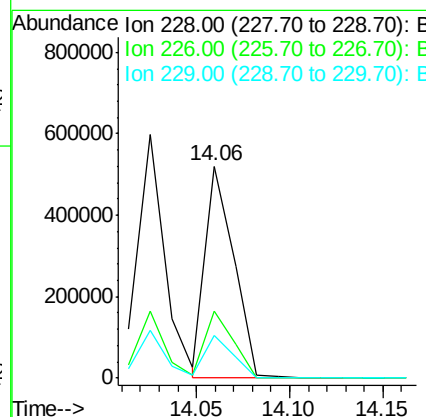
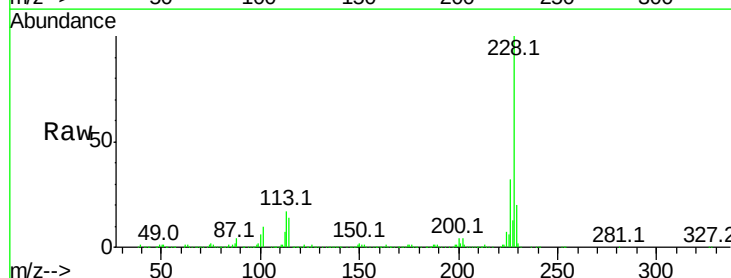
Instrument :
 BNA_F
 ClientSampleId :

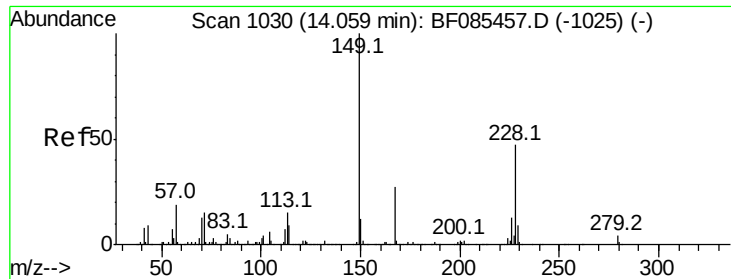
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.4	77.0
126	10.9	12.9	19.3#



#82
 Chrysene
 Concen: 38.32 ng
 RT: 14.06 min Scan# 1030
 Delta R.T. -0.05 min
 Lab File: BF085534.D
 Acq: 18 Mar 2016 12:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.2	37.8
229	19.9	16.0	24.0

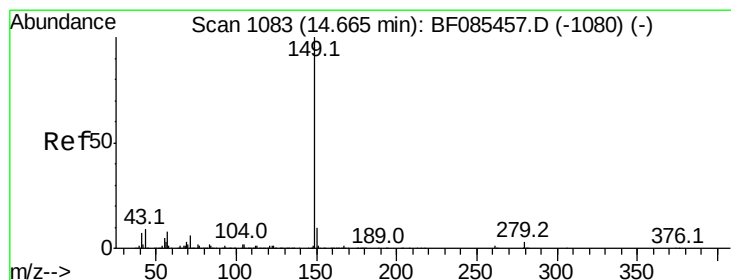
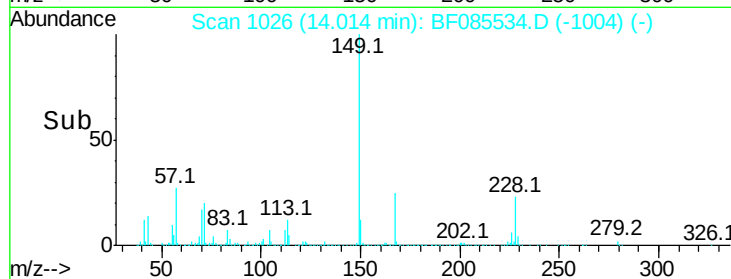
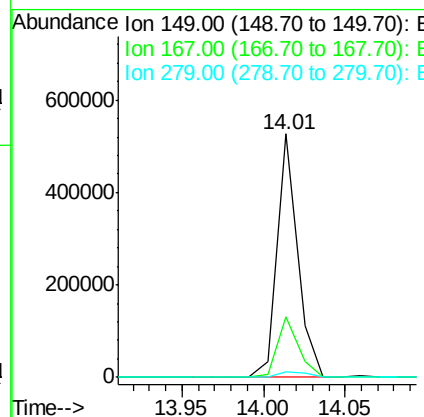
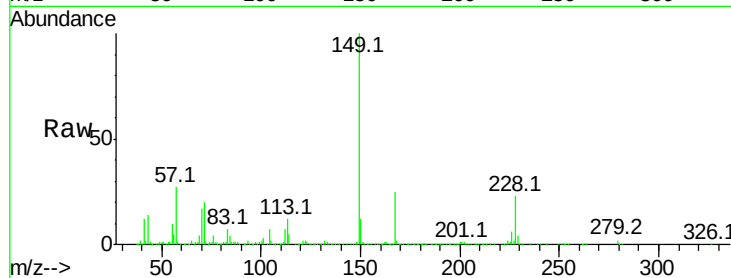




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.55 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.05 min
 Lab File: BF085534.D
 Acq: 18 Mar 2016 12:57

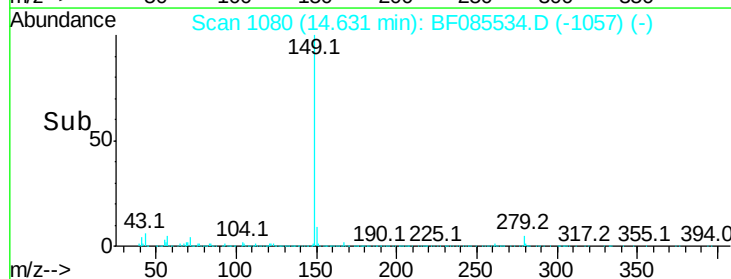
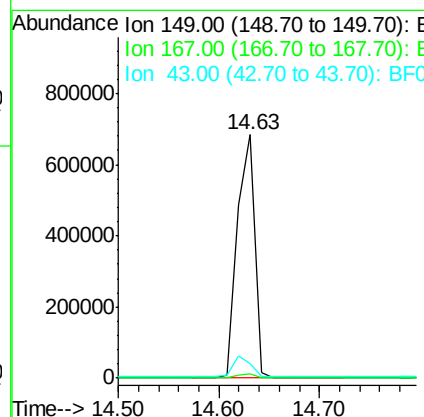
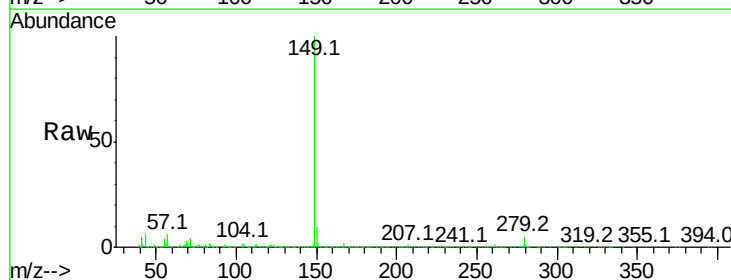
Instrument :
 BNA_F
 ClientSampleId :

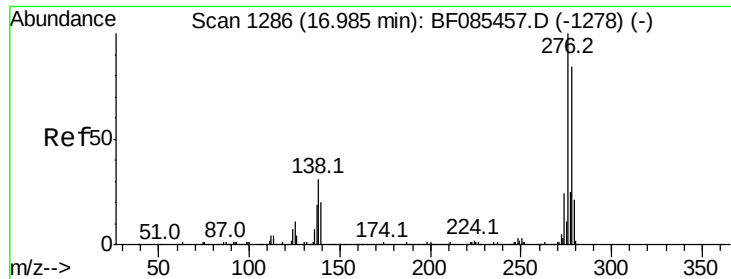
Tot Ion:149 Resp: 463023
 Ion Ratio Lower Upper
 149 100
 167 24.9 20.3 30.5
 279 2.3 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 50.43 ng
 RT: 14.63 min Scan# 1080
 Delta R.T. -0.03 min
 Lab File: BF085534.D
 Acq: 18 Mar 2016 12:57

Tgt Ion:149 Resp: 820467
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.1 1.7
 43 8.8 7.8 11.8

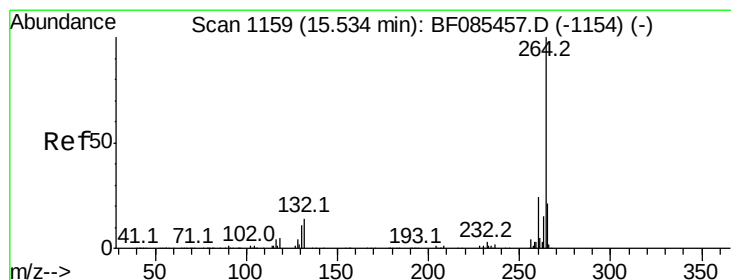
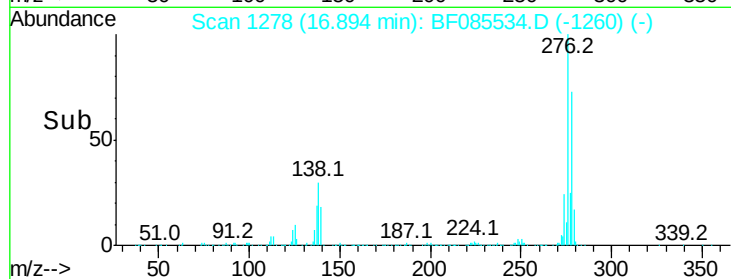
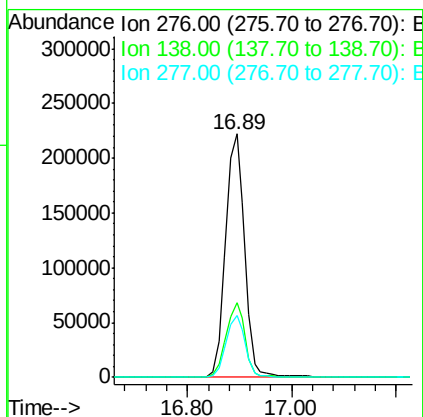
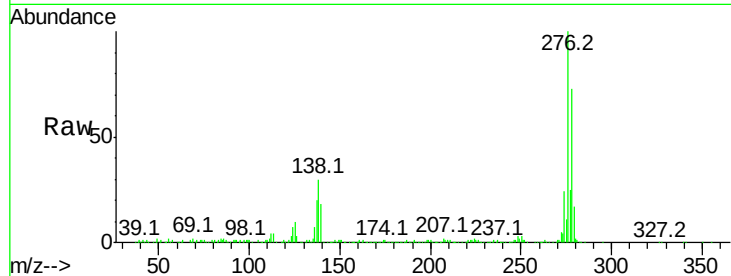




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.62 ng
 RT: 16.89 min Scan# 1278
 Delta R.T. -0.09 min
 Lab File: BF085534.D
 Acq: 18 Mar 2016 12:57

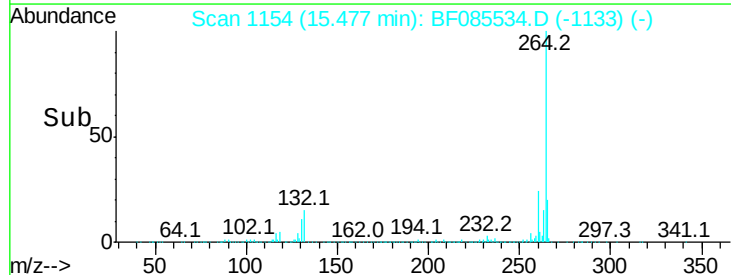
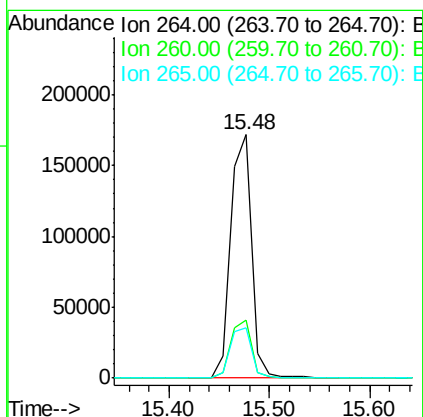
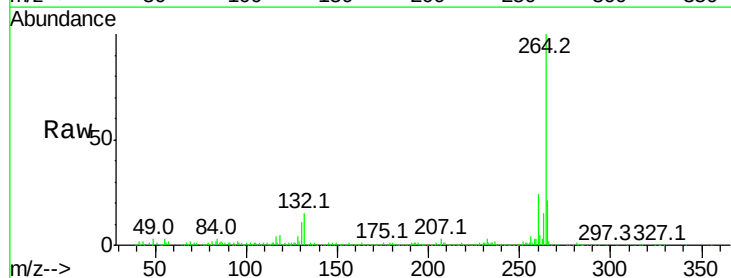
Instrument :
 BNA_F
 ClientSampleId :

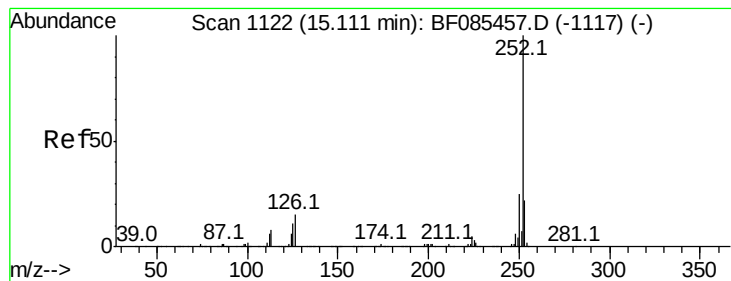
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.8	26.4	39.6
277	26.2	20.2	30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1154
 Delta R.T. -0.06 min
 Lab File: BF085534.D
 Acq: 18 Mar 2016 12:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.7	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 71.30 ng

RT: 15.09 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

Instrument :

BNA_F

ClientSampleId :

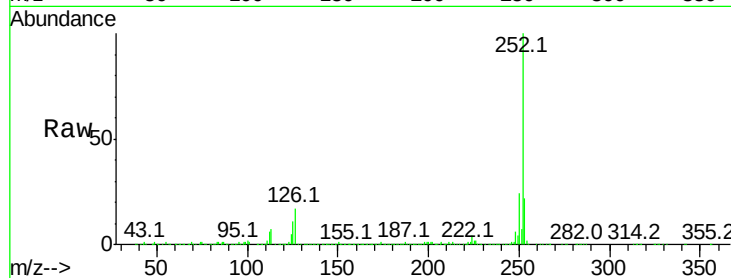
Tot Ion:252 Resp: 1159461

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

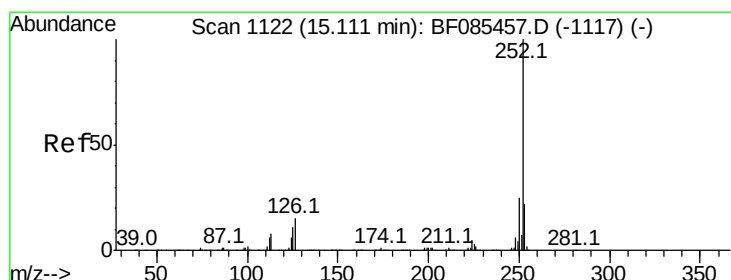
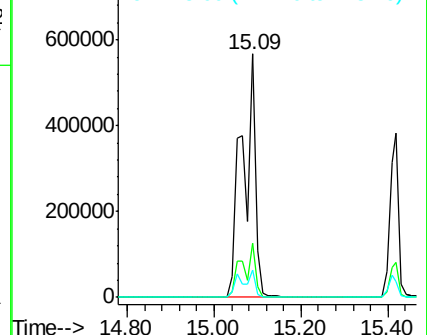
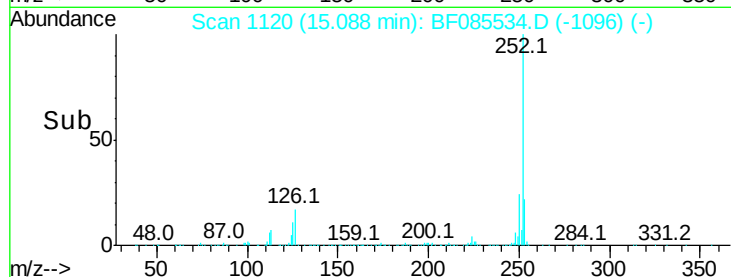
125 11.5 11.3 16.9



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: 91.12 ng

RT: 15.09 min Scan# 1120

Delta R.T. -0.06 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

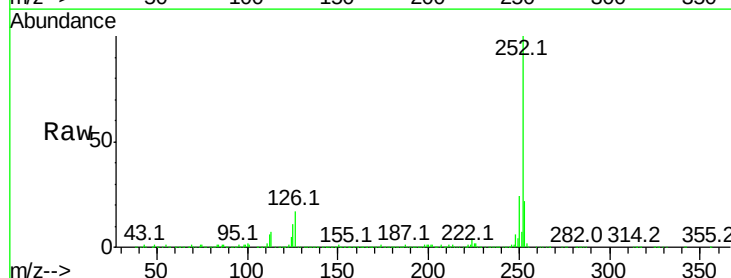
Tgt Ion:252 Resp: 1160730

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

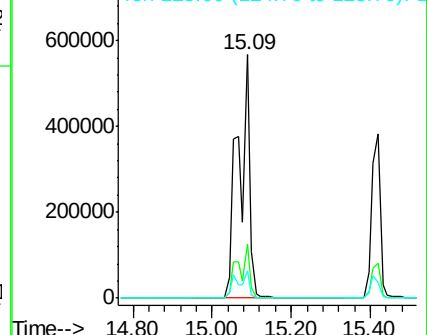
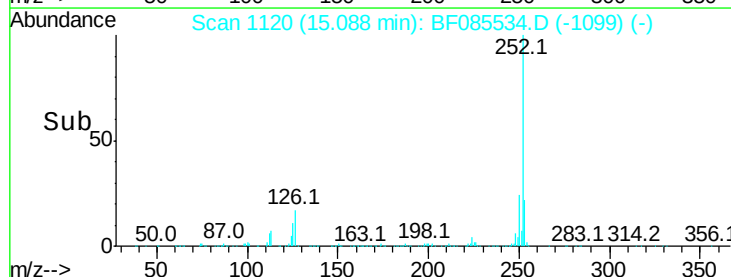
125 11.5 10.4 15.6

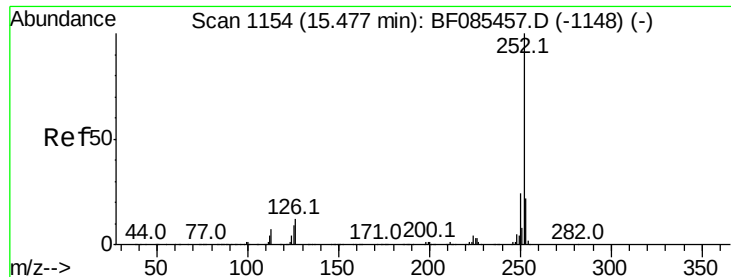


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.39 ng

RT: 15.42 min Scan# 1149

Delta R.T. -0.06 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

Instrument :

BNA_F

ClientSampleId :

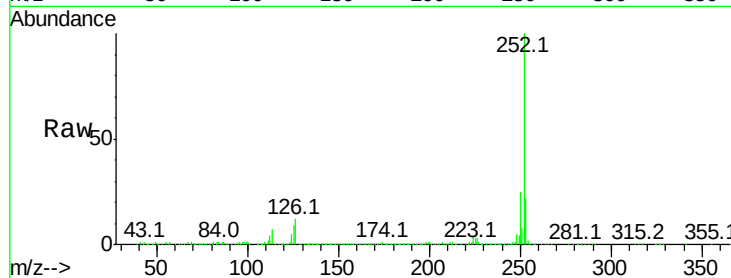
Tot Ion:252 Resp: 553467

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

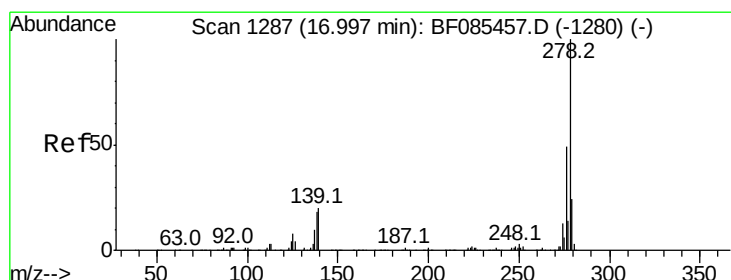
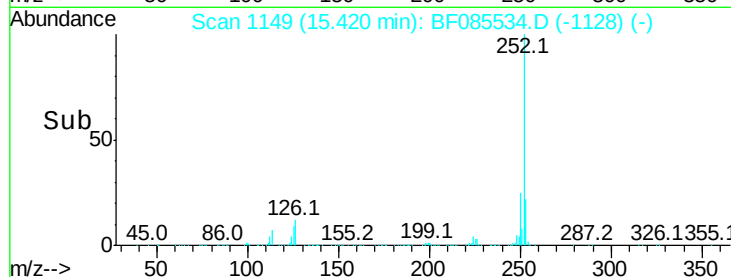
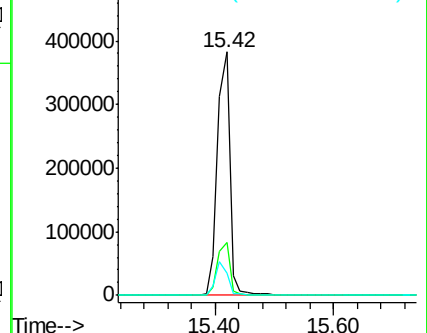
125 9.3 8.2 12.4



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: 35.69 ng

RT: 16.91 min Scan# 1279

Delta R.T. -0.09 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

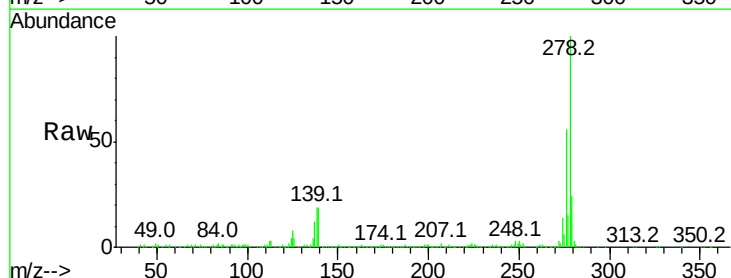
Tgt Ion:278 Resp: 489818

Ion Ratio Lower Upper

278 100

139 19.0 17.3 25.9

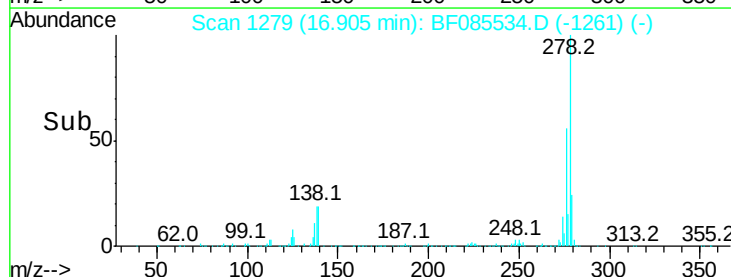
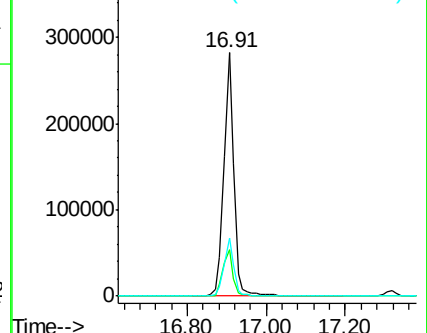
279 24.0 19.2 28.8

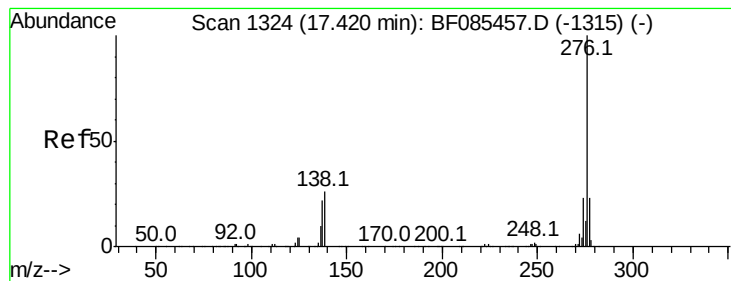


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 31.23 ng

RT: 17.32 min Scan# 1315

Delta R.T. -0.10 min

Lab File: BF085534.D

Acq: 18 Mar 2016 12:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 437723

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 25.3 22.5 33.7

