

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
 Data File : BF085085.D
 Acq On : 17 Feb 2016 13:43
 Operator : SJ/IZ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 17 14:29:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 17 14:23:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	219994	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	869931	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	408129	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	842196	20.00	ng	0.00
75) Chrysene-d12	14.16	240	794042	20.00	ng	0.00
86) Perylene-d12	15.62	264	628745	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1008120	80.13	ng	0.00
7) Phenol-d6	6.62	99	1342982	80.09	ng	0.00
23) Nitrobenzene-d5	7.56	82	1201314	81.55	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	357387	84.78	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	2174429	76.16	ng	0.00
78) Terphenyl-d14	13.11	244	2364484	61.29	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.70	88	246859	47.63	ng	89
3) Pyridine	3.47	79	588472	48.60	ng	89
4) n-Nitrosodimethylamine	3.42	42	312645	50.18	ng	95
6) Aniline	6.66	93	924342	53.35	ng	# 67
8) 2-Chlorophenol	6.78	128	588780	38.07	ng	98
9) Benzaldehyde	6.54	77	351818	38.95	ng	# 82
10) Phenol	6.63	94	873409	44.53	ng	# 43
11) bis(2-Chloroethyl)ether	6.73	93	636711	34.58	ng	94
12) 1,3-Dichlorobenzene	6.94	146	626644	40.74	ng	97
13) 1,4-Dichlorobenzene	7.02	146	680482	39.76	ng	97
14) 1,2-Dichlorobenzene	7.16	146	562375	34.96	ng	97
15) Benzyl Alcohol	7.13	79	462744	45.16	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.27	45	904599	35.01	ng	94
17) 2-Methylphenol	7.23	107	470899	42.06	ng	# 87
18) Hexachloroethane	7.51	117	231036	36.64	ng	# 81
19) n-Nitroso-di-n-propylamine	7.40	70	427738	40.49	ng	94
20) 3+4-Methylphenols	7.39	107	592366	41.90	ng	94
22) Acetophenone	7.40	105	837074	37.54	ng	# 97
24) Nitrobenzene	7.58	77	585441	36.37	ng	96
25) Isophorone	7.82	82	1124964	42.57	ng	99
26) 2-Nitrophenol	7.90	139	267954	34.73	ng	91
27) 2,4-Dimethylphenol	7.93	122	565511	45.30	ng	92
28) bis(2-Chloroethoxy)methane	8.02	93	625127	38.11	ng	99
29) 2,4-Dichlorophenol	8.14	162	492768	43.43	ng	91
30) 1,2,4-Trichlorobenzene	8.23	180	542333	41.47	ng	94
31) Naphthalene	8.31	128	1701536	40.34	ng	98
32) Benzoic acid	8.04	122	393400	71.60	ng	97
33) 4-Chloroaniline	8.34	127	652367	40.77	ng	95
34) Hexachlorobutadiene	8.42	225	338621	46.23	ng	97
35) Caprolactam	8.72	113	144583	47.40	ng	96
36) 4-Chloro-3-methylphenol	8.82	107	570744	44.37	ng	91
37) 2-Methylnaphthalene	8.99	142	1091022	40.55	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	552276	41.88	ng	98
40) Hexachlorocyclopentadiene	9.15	237	315230	71.87	ng	96

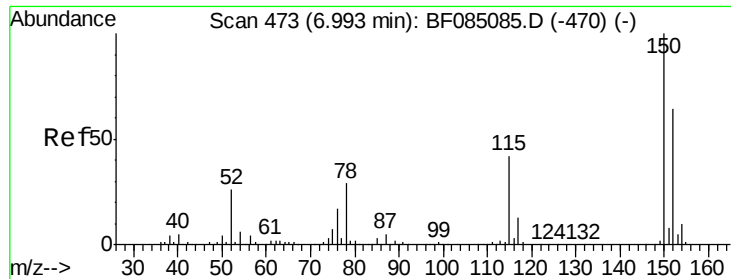
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	389209	53.52	nq	95
43) 2,4,5-Trichlorophenol	9.30	196	337115	39.85	nq	92
45) 1,1'-Biphenyl	9.46	154	1474264	39.71	nq	96
46) 2-Chloronaphthalene	9.48	162	1110514	42.22	nq	96
47) 2-Nitroaniline	9.58	65	300981	37.06	nq	# 79
48) Acenaphthylene	9.90	152	1582016	37.88	nq	96
49) Dimethylphthalate	9.76	163	1308653	42.77	nq	# 98
50) 2,6-Dinitrotoluene	9.82	165	278972	44.44	nq	94
51) Acenaphthene	10.07	154	964926	38.21	nq	97
52) 3-Nitroaniline	9.99	138	297871	42.71	nq	# 78
53) 2,4-Dinitrophenol	10.08	184	71787	34.53	nq	# 1
54) Dibenzofuran	10.24	168	1315729	38.95	nq	98
55) 4-Nitrophenol	10.12	139	222346	49.69	nq	93
56) 2,4-Dinitrotoluene	10.22	165	352840	41.26	nq	95
57) Fluorene	10.58	166	1065923	36.80	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	316512	47.30	nq	96
59) Diethylphthalate	10.46	149	1276602	42.10	nq	96
60) 4-Chlorophenyl-phenylether	10.57	204	559920	40.34	nq	93
61) 4-Nitroaniline	10.59	138	251584	39.26	nq	96
62) Azobenzene	10.73	77	1052584	36.03	nq	97
64) 4,6-Dinitro-2-methylphenol	10.63	198	134661	30.02	nq	# 57
65) n-Nitrosodiphenylamine	10.70	169	1084564	40.56	nq	99
66) 4-Bromophenyl-phenylether	11.06	248	375392	40.02	nq	94
67) Hexachlorobenzene	11.13	284	415600	41.43	nq	# 90
68) Atrazine	11.21	200	293472	37.87	nq	94
69) Pentachlorophenol	11.31	266	249730	64.76	nq	97
70) Phenanthrene	11.54	178	1536244	33.08	nq	97
71) Anthracene	11.60	178	1780243	36.69	nq	95
72) Carbazole	11.75	167	1649158	41.04	nq	98
73) Di-n-butylphthalate	12.08	149	1890311	35.84	nq	97
74) Fluoranthene	12.73	202	1773789	38.34	nq	93
76) Benzidine	12.84	184	907860	64.93	nq	96
77) Pyrene	12.96	202	1786587	28.13	nq	96
79) Butylbenzylphthalate	13.58	149	825858	30.92	nq	# 90
80) Benzo(a)anthracene	14.15	228	1686259	36.68	nq	96
81) 3,3'-Dichlorobenzidine	14.10	252	636637	47.64	nq	98
82) Chrysene	14.18	228	1526260	34.23	nq	95
83) Bis(2-ethylhexyl)phthalate	14.14	149	1087406	30.96	nq	# 94
84) Di-n-octyl phthalate	14.74	149	1717805	34.43	nq	99
85) Indeno(1,2,3-cd)pyrene	17.11	276	1328409	35.86	nq	99
87) Benzo(b)fluoranthene	15.20	252	1604992	38.94	nq	97
88) Benzo(k)fluoranthene	15.20	252	1604992	48.74	nq	97
89) Benzo(a)pyrene	15.57	252	1375613	39.46	nq	# 95
90) Dibenzo(a,h)anthracene	17.13	278	1097942	33.18	nq	97
91) Benzo(g,h,i)perylene	17.57	276	1052483	30.63	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

Instrument :

BNA_F

ClientSampleId :

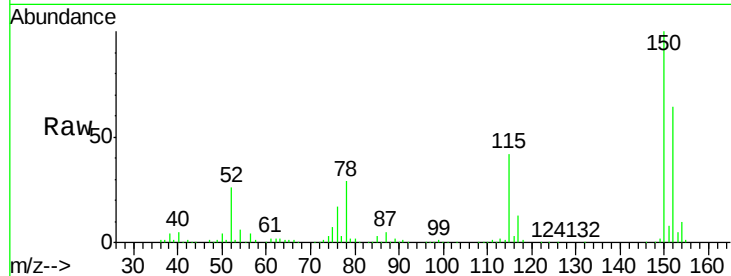
Tot Ion:152 Resp: 219994

Ion Ratio Lower Upper

152 100

150 157.3 127.4 191.2

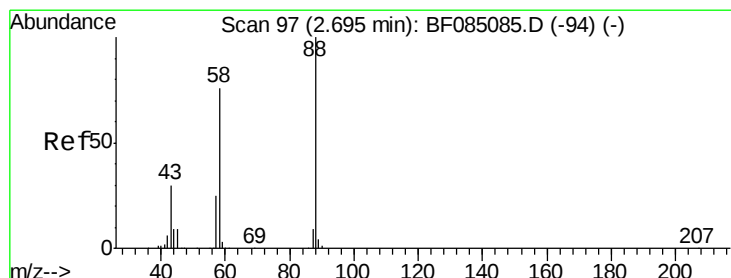
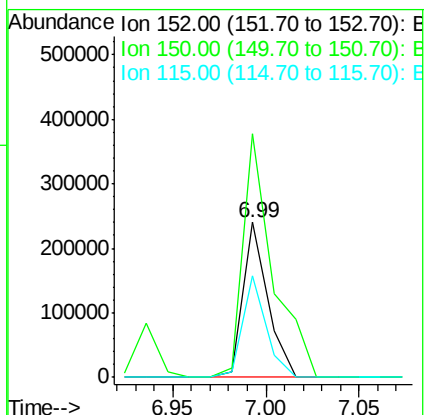
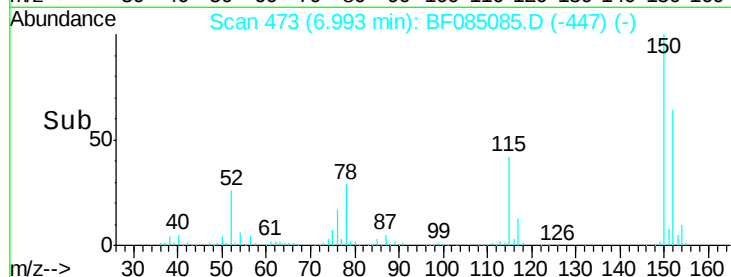
115 65.8 50.5 75.7



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: 47.63 ng

RT: 2.70 min Scan# 97

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

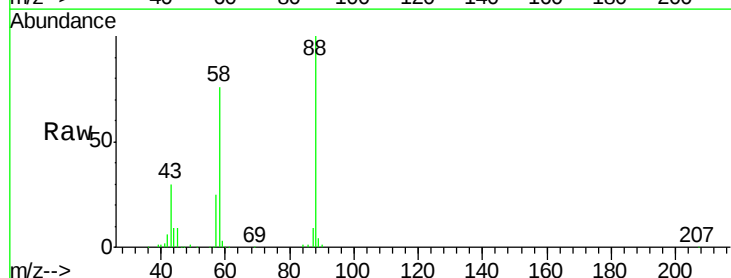
Tgt Ion: 88 Resp: 246859

Ion Ratio Lower Upper

88 100

58 76.4 70.9 106.3

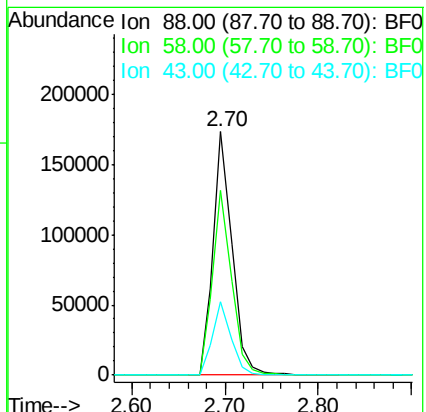
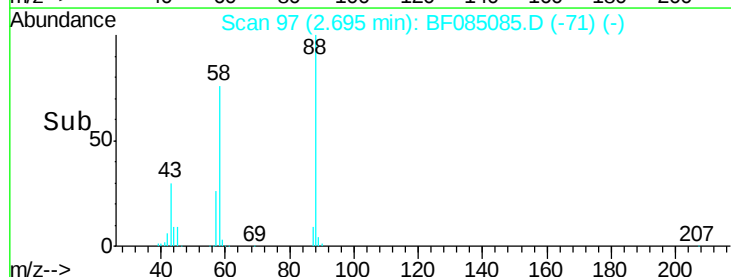
43 29.5 25.9 38.9

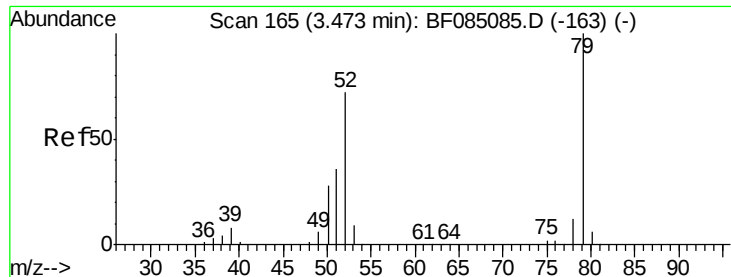


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 48.60 ng

RT: 3.47 min Scan# 165

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

Instrument :

BNA_F

ClientSampleId :

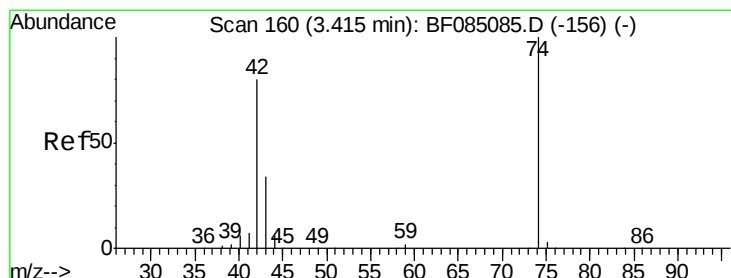
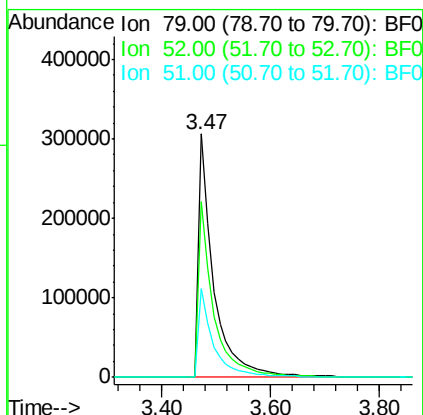
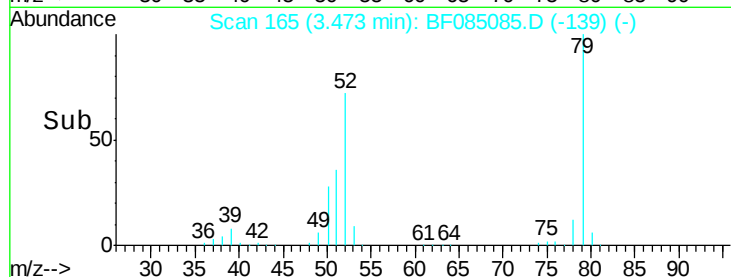
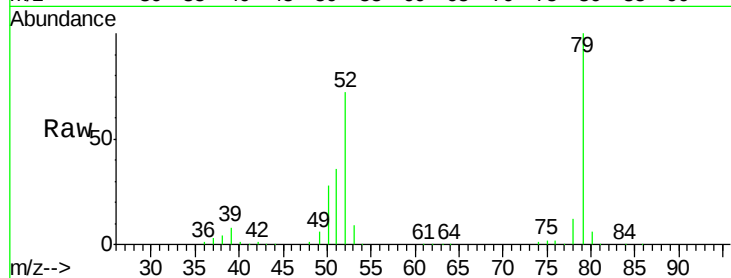
Tot Ion: 79 Resp: 588472

Ion Ratio Lower Upper

79 100

52 72.3 67.1 100.7

51 36.4 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 50.18 ng

RT: 3.42 min Scan# 160

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

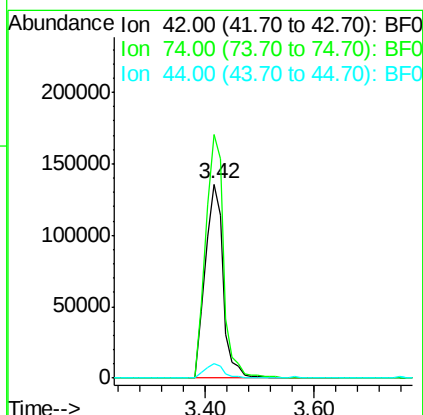
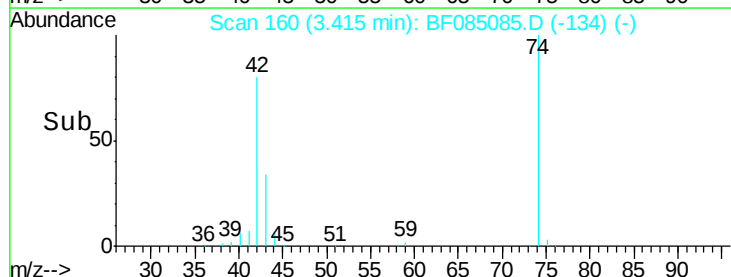
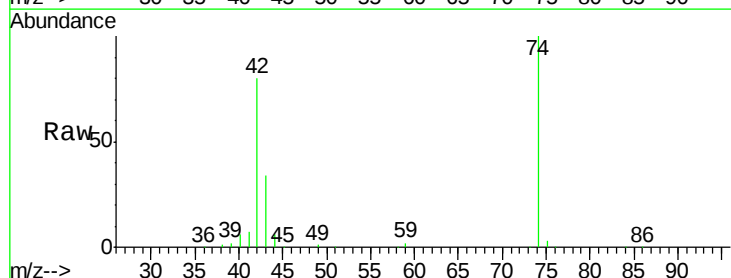
Tgt Ion: 42 Resp: 312645

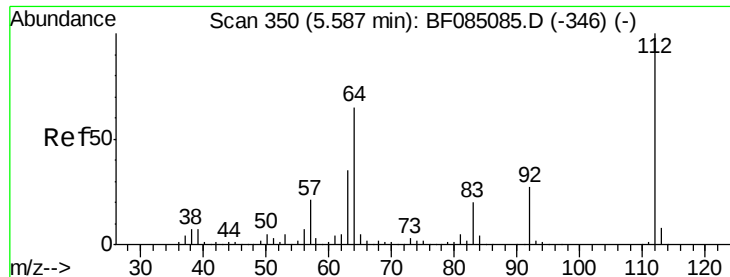
Ion Ratio Lower Upper

42 100

74 125.6 96.2 144.4

44 7.3 7.0 10.4





#5

2-Fluorophenol

Concen: 80.13 ng

RT: 5.59 min Scan# 350

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

Instrument :

BNA_F

ClientSampleId :

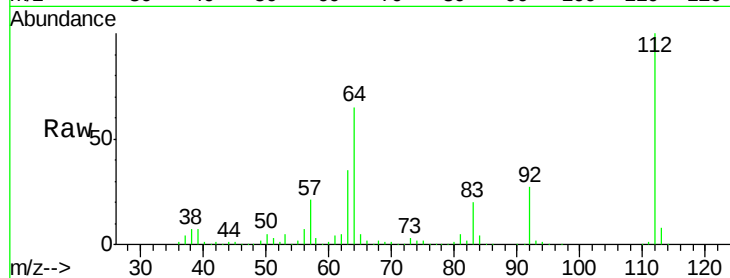
Tot Ion:112 Resp: 1008120

Ion Ratio Lower Upper

112 100

64 65.3 45.4 68.2

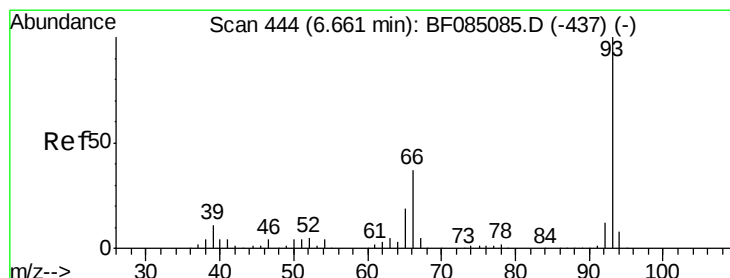
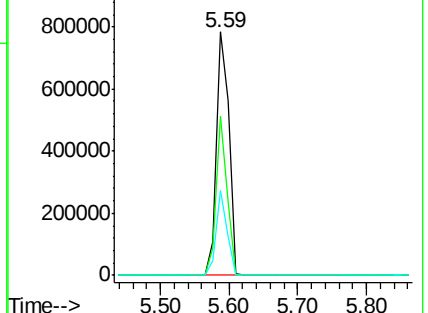
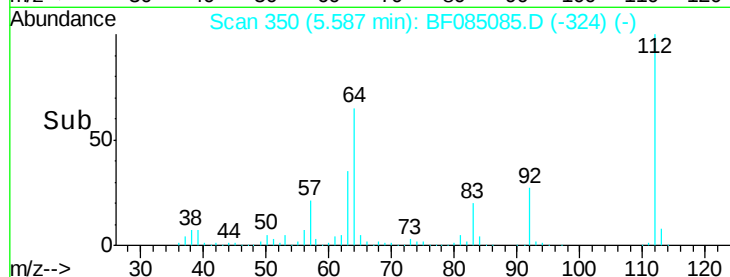
63 34.7 23.2 34.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 53.35 ng

RT: 6.66 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

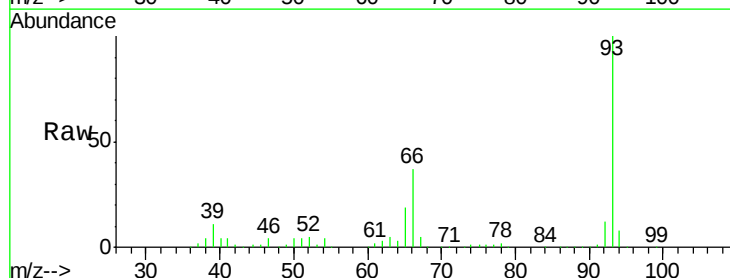
Tgt Ion: 93 Resp: 924342

Ion Ratio Lower Upper

93 100

66 37.4 51.8 77.8#

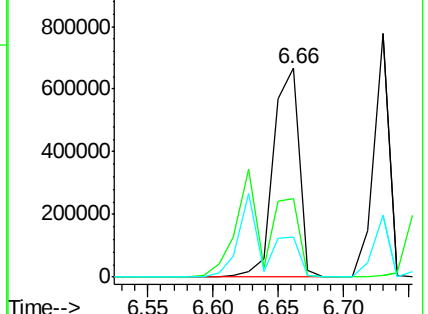
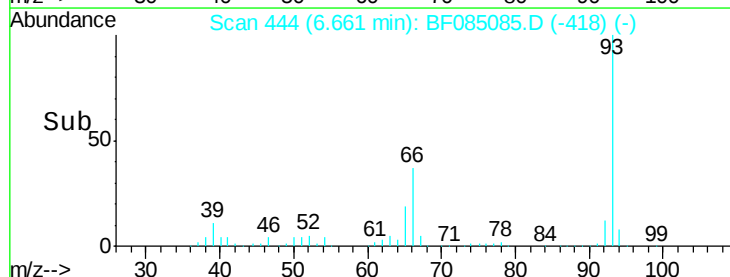
65 18.9 28.5 42.7#

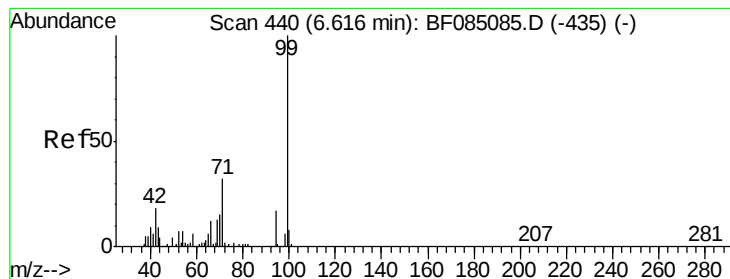


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.09 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

Instrument :

BNA_F

ClientSampled :

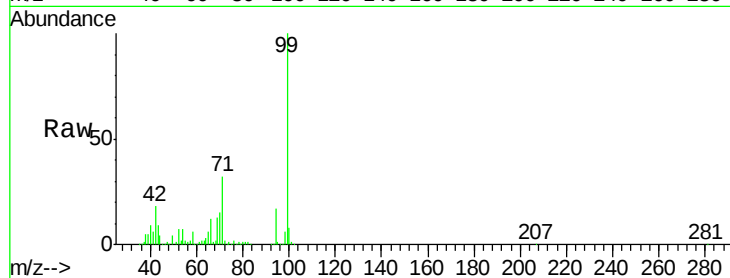
Tot Ion: 99 Resp: 1342982

Ion Ratio Lower Upper

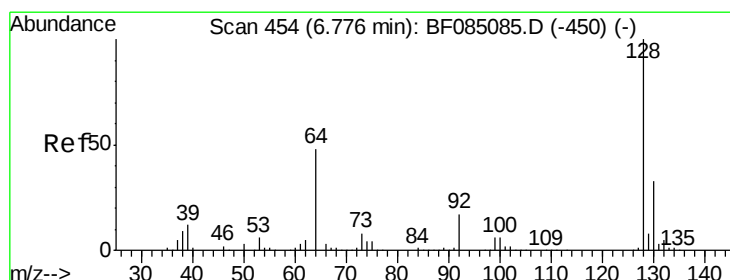
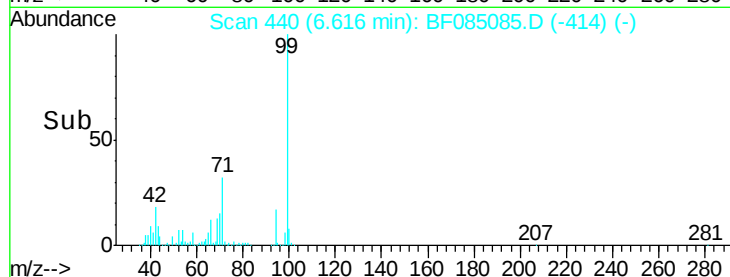
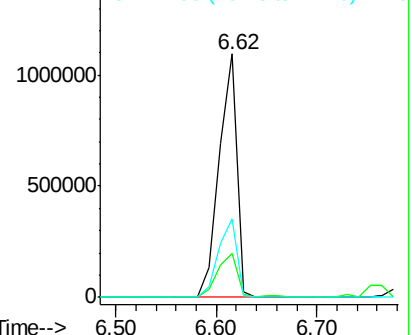
99 100

42 17.8 17.0 25.4

71 32.4 28.3 42.5



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



#8

2-Chlorophenol

Concen: 38.07 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

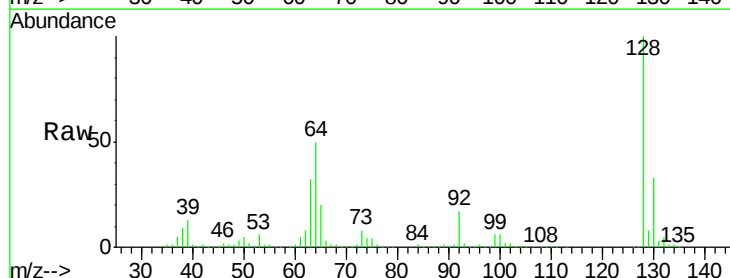
Tgt Ion: 128 Resp: 588780

Ion Ratio Lower Upper

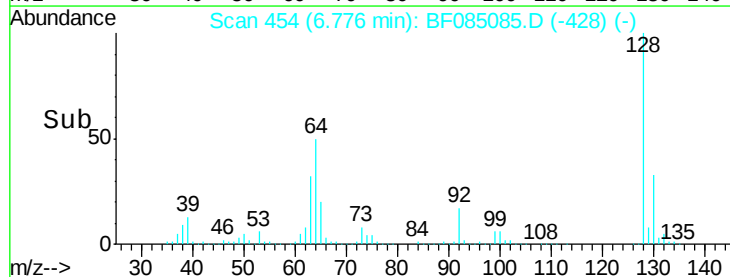
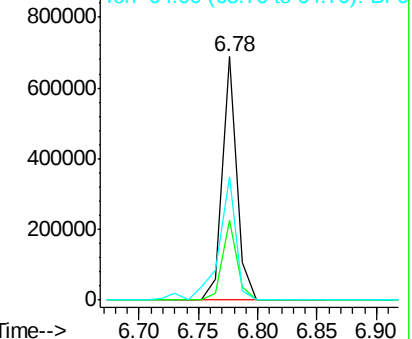
128 100

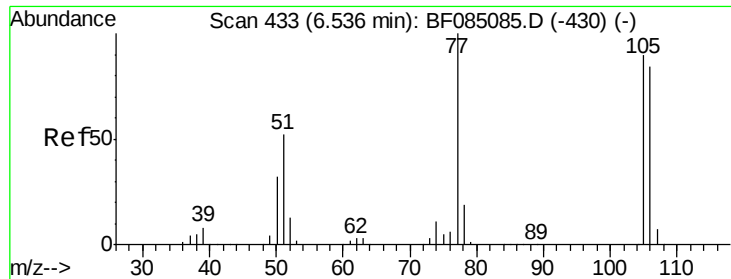
130 32.9 12.4 52.4

64 50.5 32.1 72.1



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

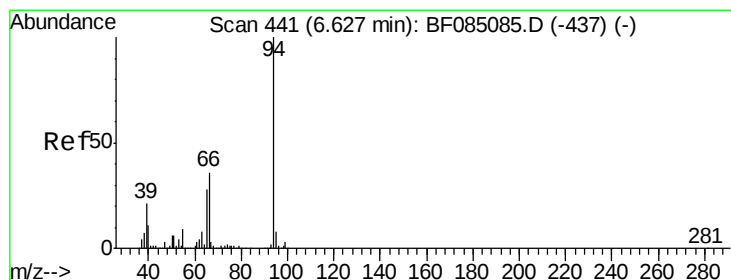
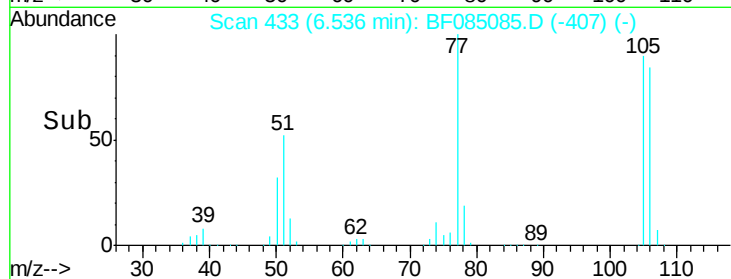
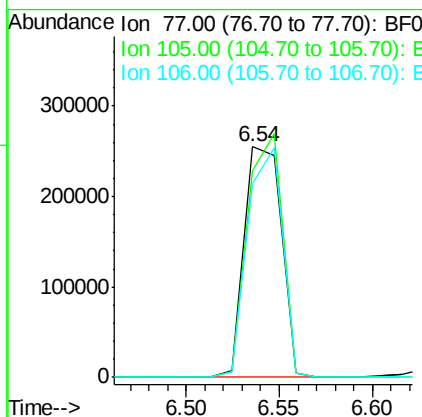
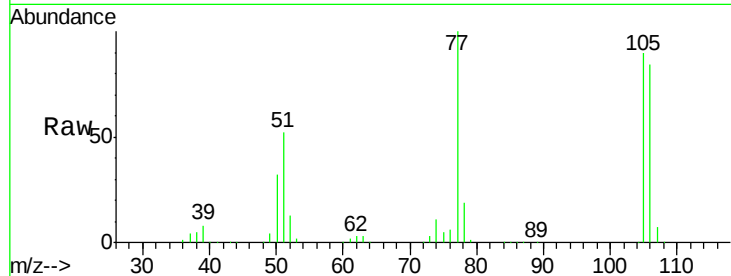




#9
Benzaldehyde
Concen: 38.95 ng
RT: 6.54 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

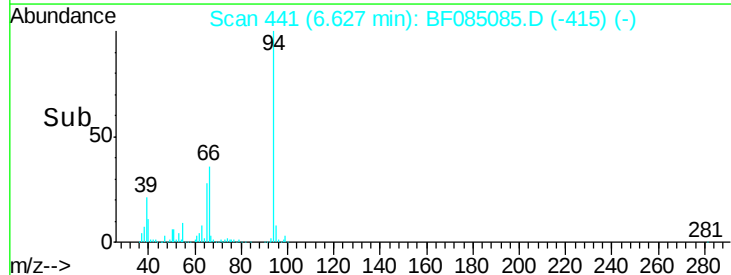
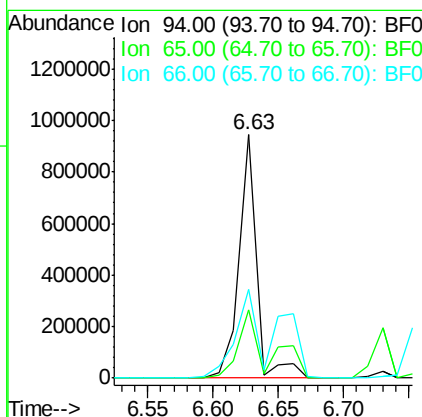
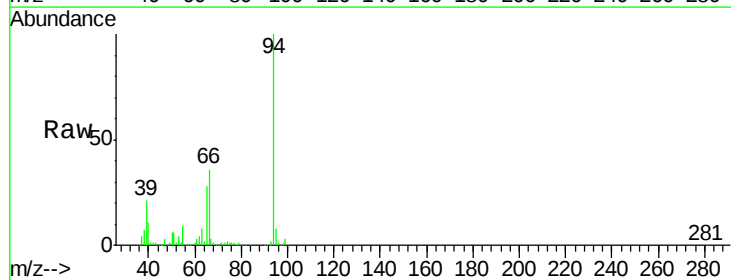
Instrument :
BNA_F
ClientSampleId :

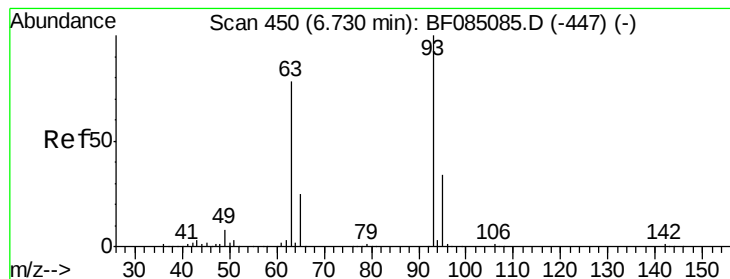
Tot Ion: 77 Resp: 351818
Ion Ratio Lower Upper
77 100
105 89.7 90.9 130.9#
106 84.3 79.7 119.7



#10
Phenol
Concen: 44.53 ng
RT: 6.63 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

Tgt Ion: 94 Resp: 873409
Ion Ratio Lower Upper
94 100
65 28.2 37.3 77.3#
66 36.4 84.1 124.1#





#11

bis(2-Chloroethyl)ether

Concen: 34.58 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

Instrument :

BNA_F

ClientSampled :

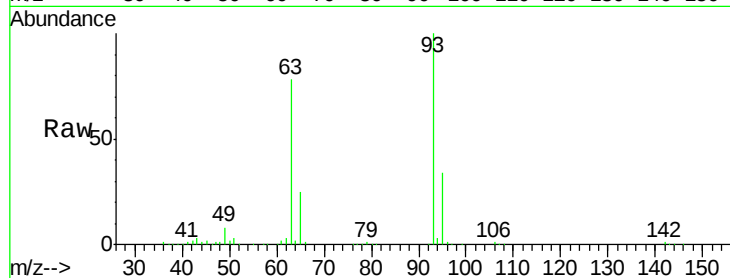
Tot Ion: 93 Resp: 636711

Ion Ratio Lower Upper

93 100

63 77.8 53.6 93.6

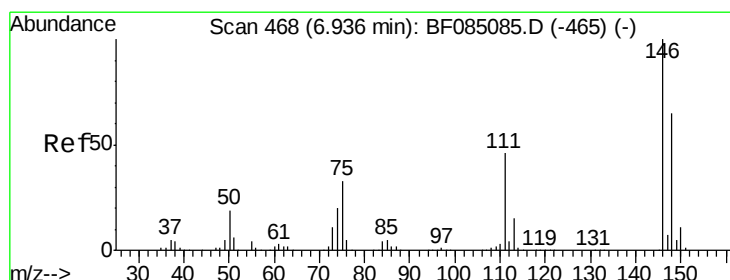
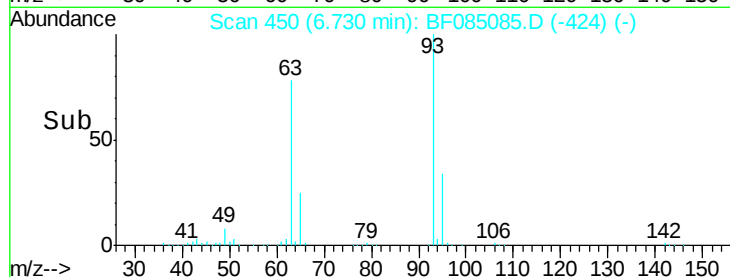
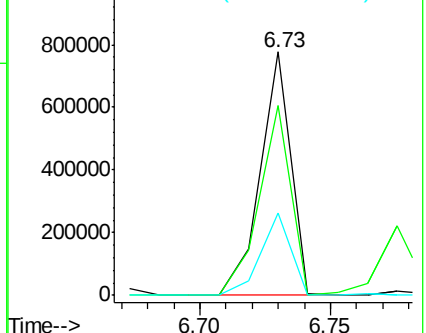
95 34.0 10.1 50.1



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: 40.74 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

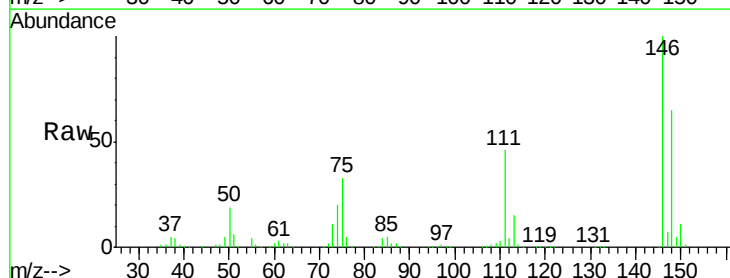
Tgt Ion: 146 Resp: 626644

Ion Ratio Lower Upper

146 100

148 64.6 53.1 79.7

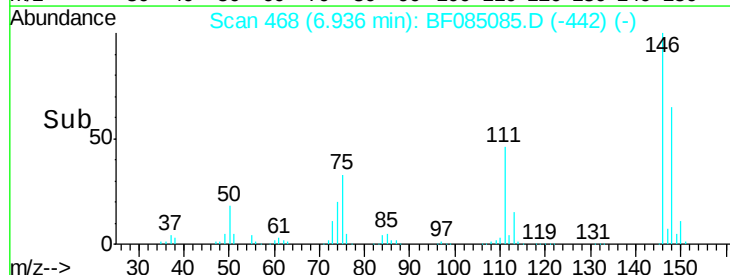
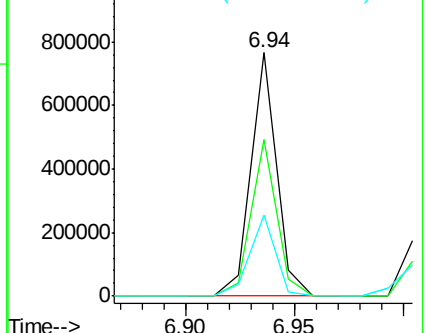
75 33.2 24.4 36.6

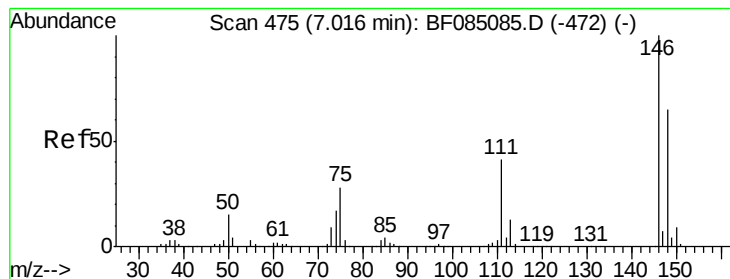


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 39.76 ng

RT: 7.02 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

Instrument :

BNA_F

ClientSampleId :

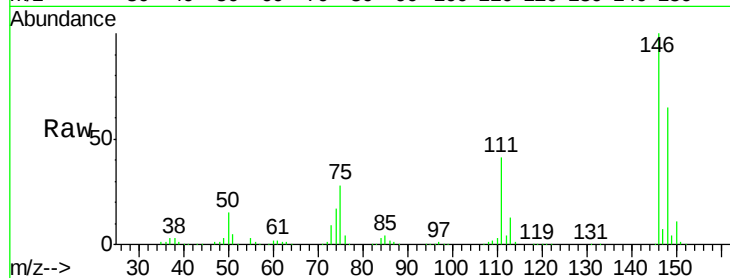
Tot Ion:146 Resp: 680482

Ion Ratio Lower Upper

146 100

148 65.4 50.3 75.5

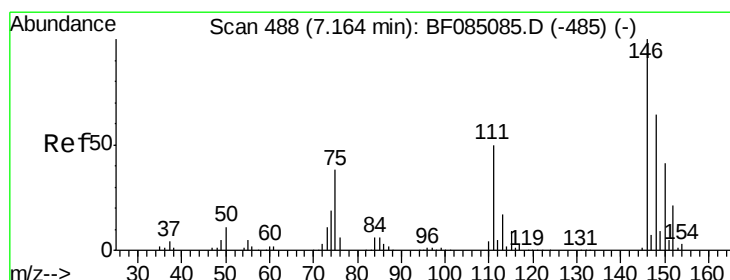
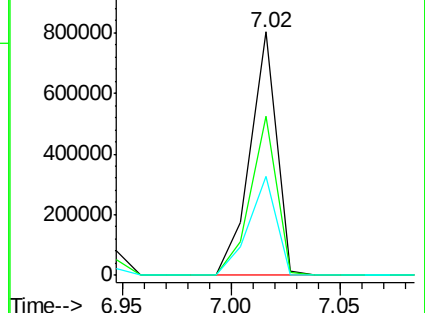
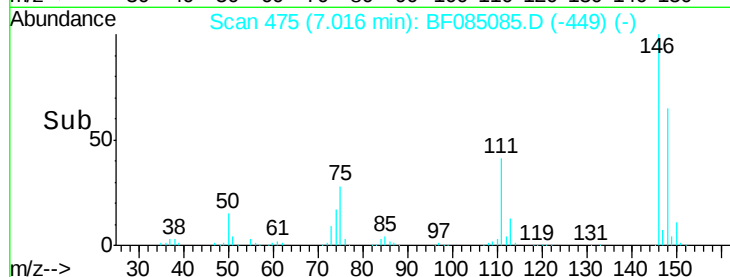
111 40.6 33.6 50.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.96 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

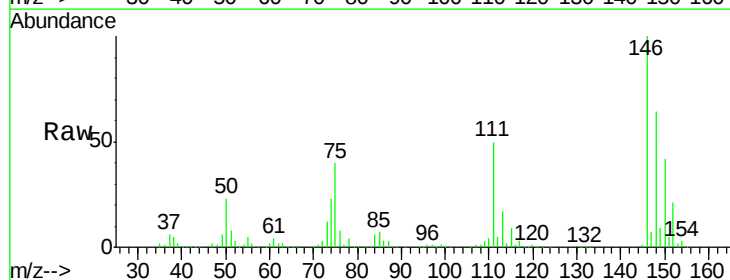
Tgt Ion:146 Resp: 562375

Ion Ratio Lower Upper

146 100

148 64.1 51.5 77.3

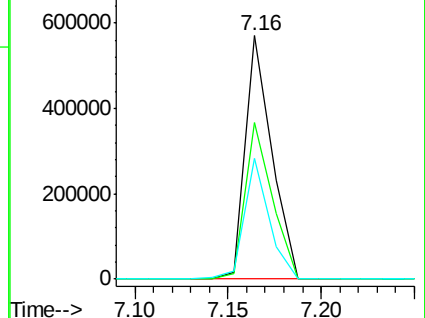
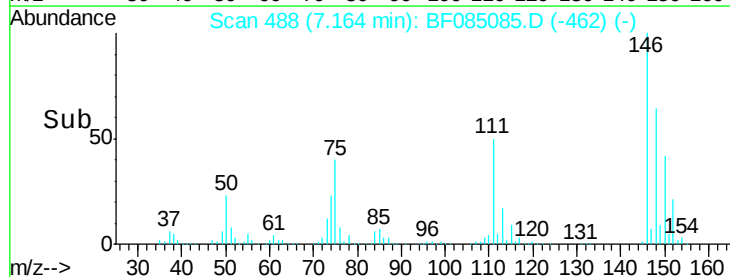
111 49.5 36.5 54.7

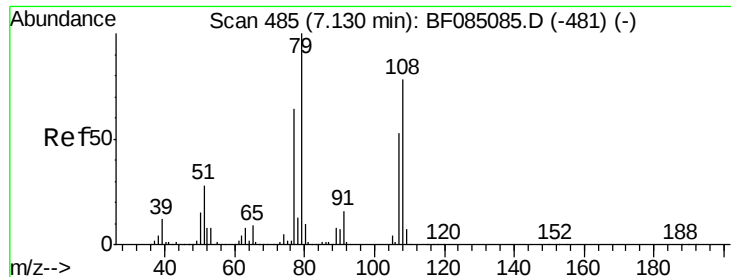


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.16 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

Instrument :

BNA_F

ClientSampleId :

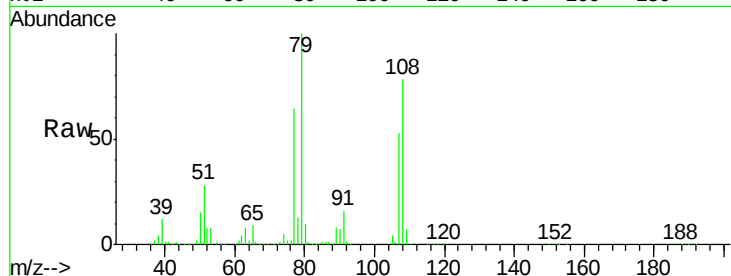
Tot Ion: 79 Resp: 462744

Ion Ratio Lower Upper

79 100

108 77.6 63.4 95.0

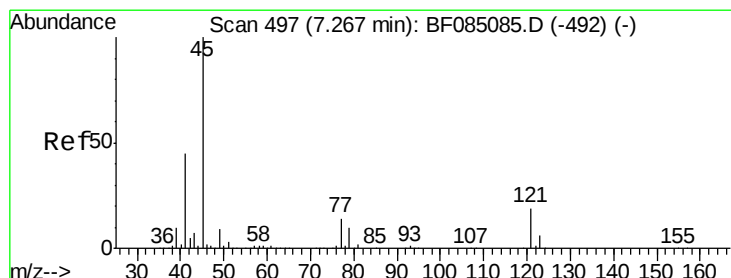
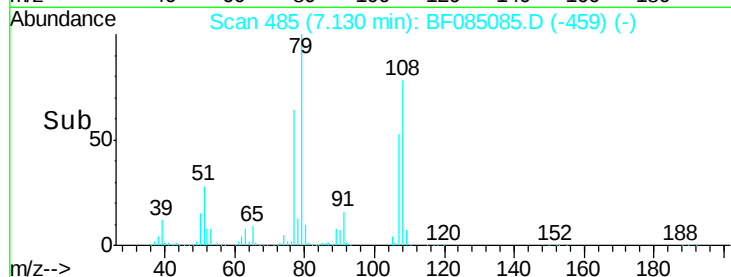
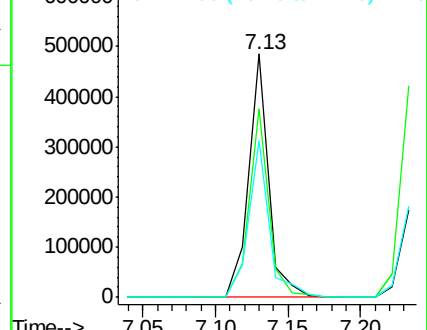
77 64.4 51.8 77.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.01 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

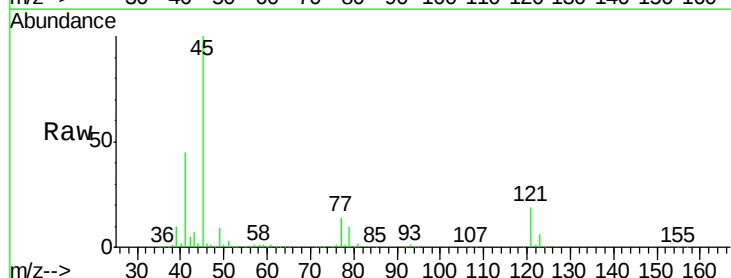
Tgt Ion: 45 Resp: 904599

Ion Ratio Lower Upper

45 100

77 13.8 0.0 35.2

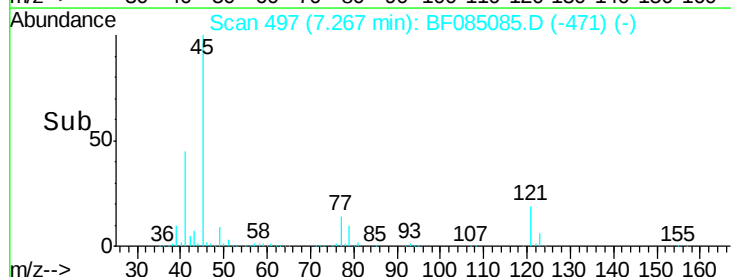
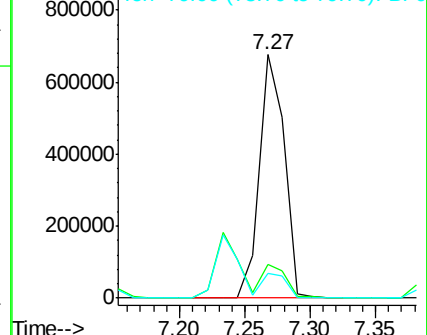
79 10.2 0.0 33.7

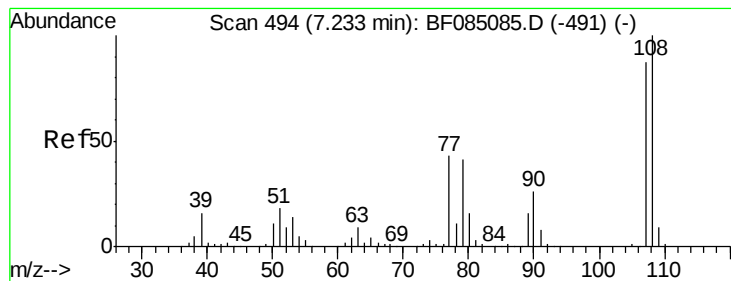


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

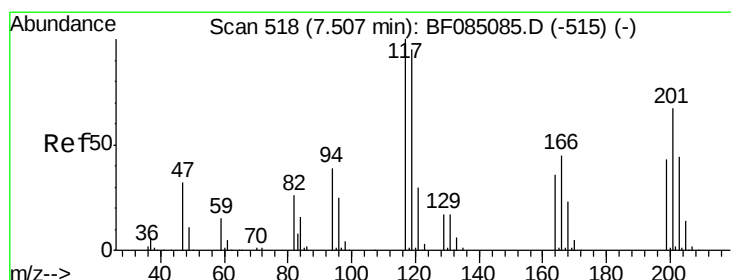
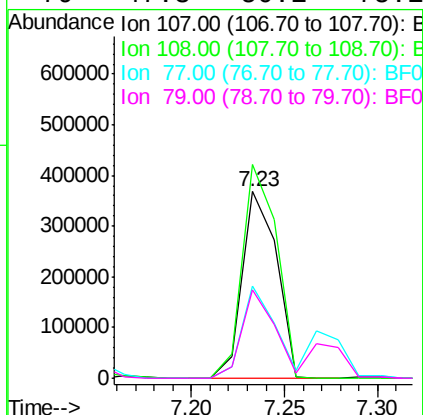
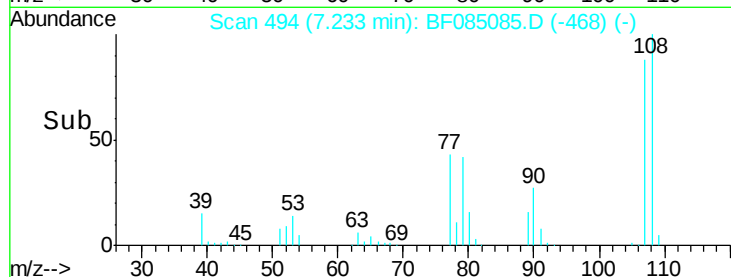
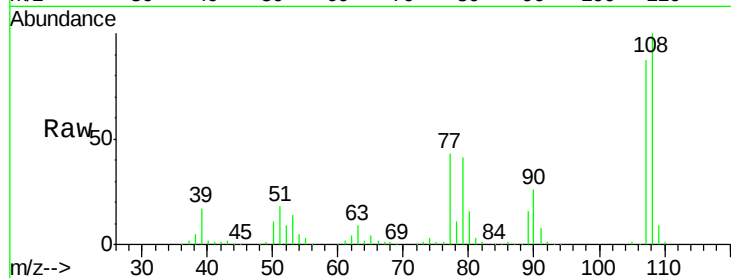




#17
2-Methylphenol
Concen: 42.06 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

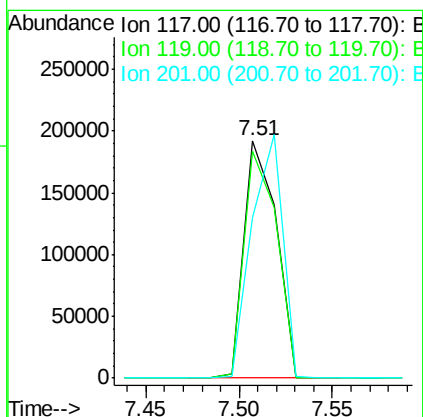
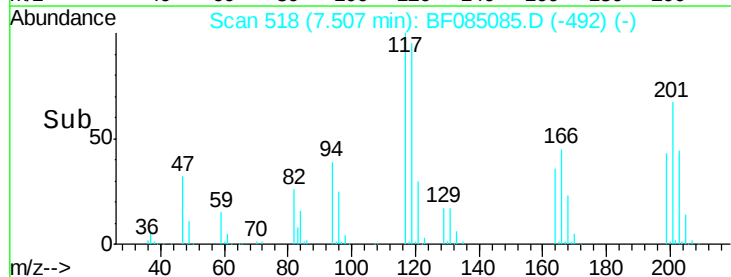
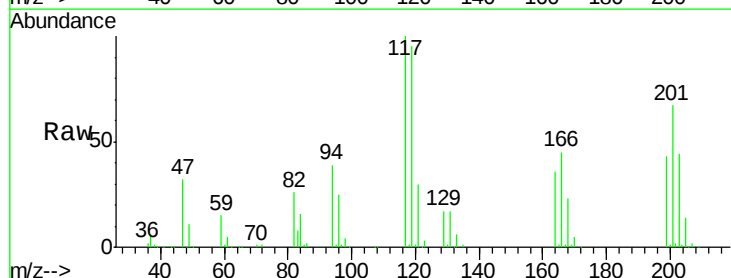
Instrument :
BNA_F
ClientSampleId :

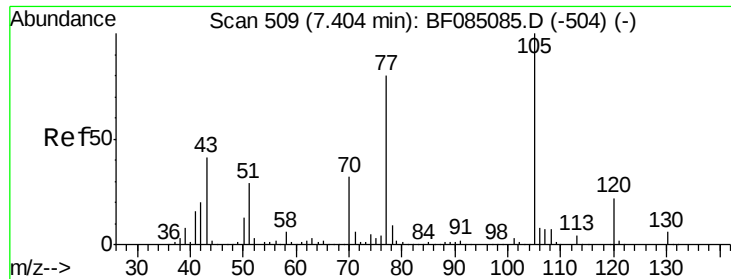
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.3	97.0	145.4
77	49.3	50.5	75.7#
79	47.3	50.1	75.1#



#18
Hexachloroethane
Concen: 36.64 ng
RT: 7.51 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	74.5	111.7
201	67.2	80.9	121.3#

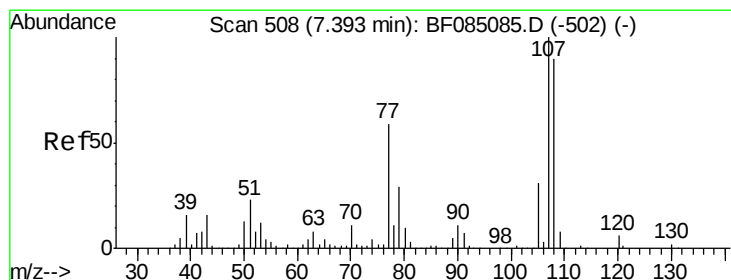
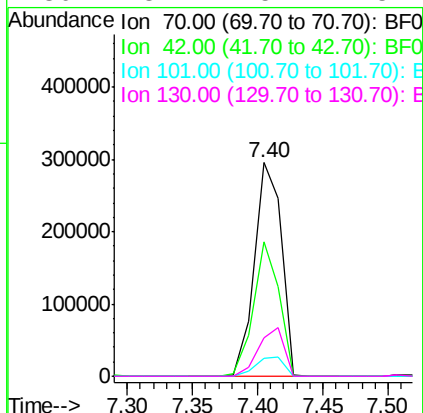
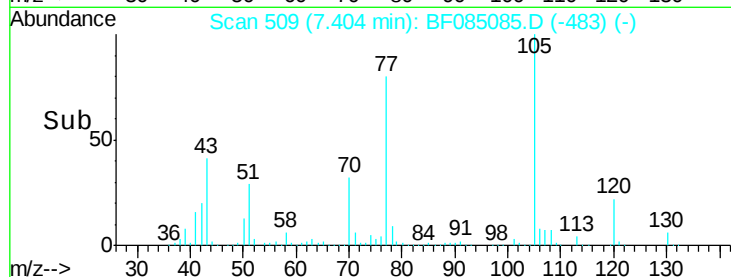
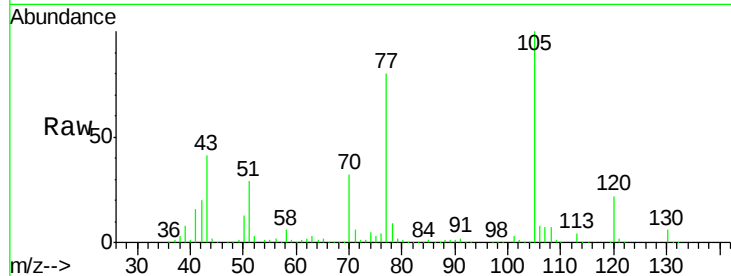




#19
n-Nitroso-di-n-propylamine
Concen: 40.49 ng
RT: 7.40 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

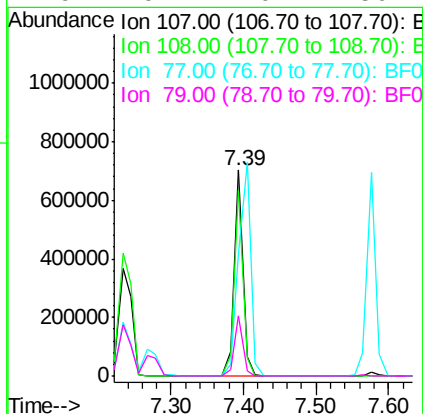
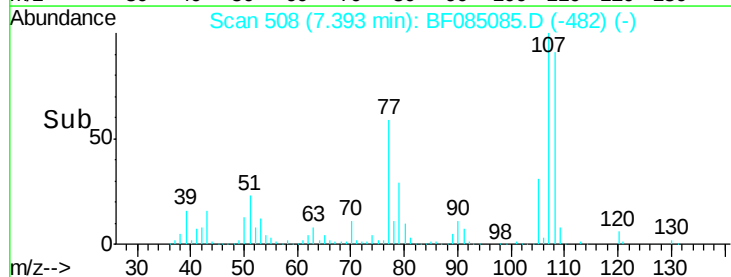
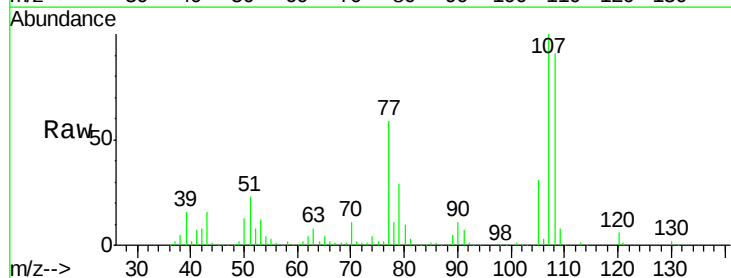
Instrument :
BNA_F
ClientSampleId :

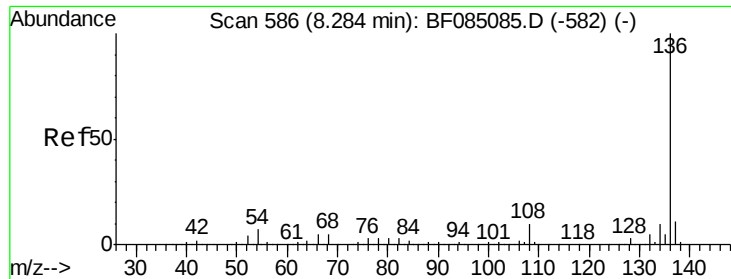
Tot Ion: 70 Resp: 427738
Ion Ratio Lower Upper
70 100
42 63.1 55.8 83.6
101 8.7 7.7 11.5
130 18.2 15.4 23.2



#20
3+4-Methylphenols
Concen: 41.90 ng
RT: 7.39 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

Tgt Ion: 107 Resp: 592366
Ion Ratio Lower Upper
107 100
108 90.5 74.4 114.4
77 59.1 46.9 86.9
79 29.2 10.4 50.4

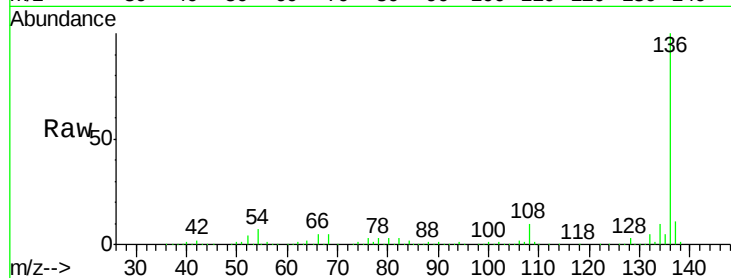




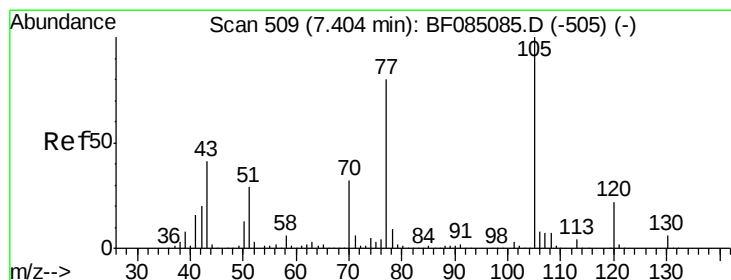
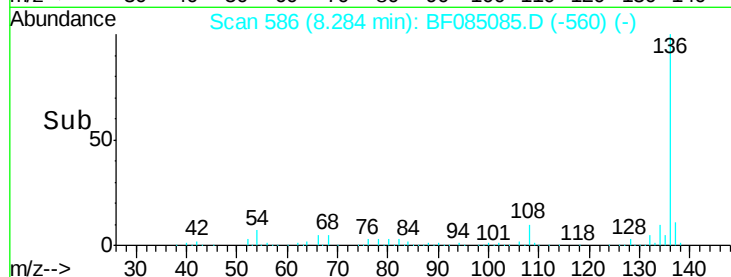
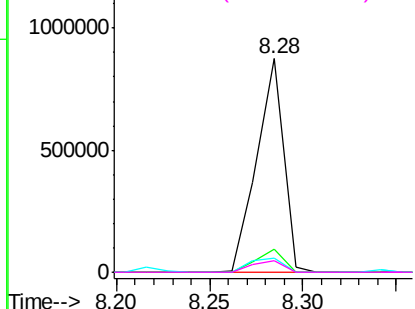
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	869931
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	6.7	6.1 9.1
68	5.2	3.5 5.3

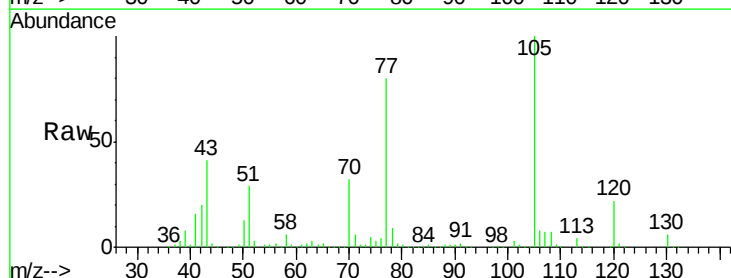


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

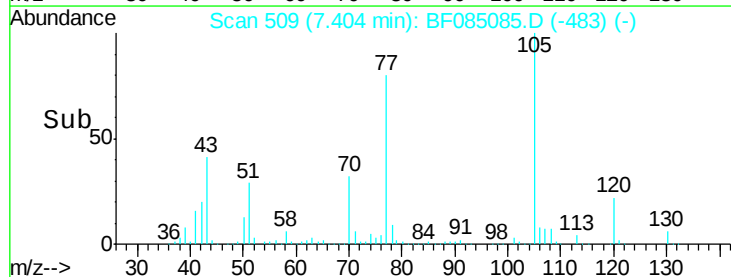
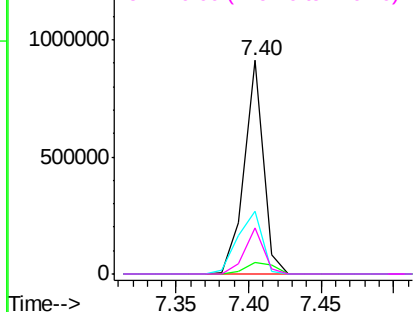


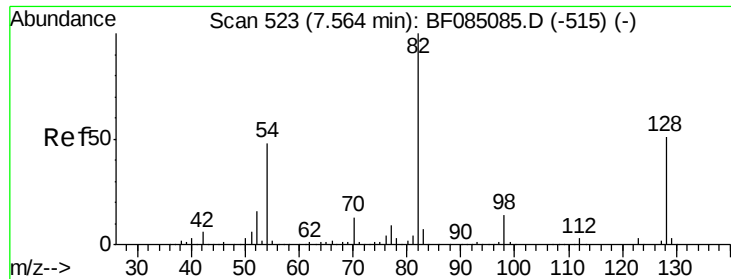
#22
Acetophenone
Concen: 37.54 ng
RT: 7.40 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

Tgt Ion:105	Resp:	837074
Ion Ratio	Lower	Upper
105	100	
71	5.5	7.5 11.3#
51	29.4	23.1 34.7
120	21.6	15.9 23.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

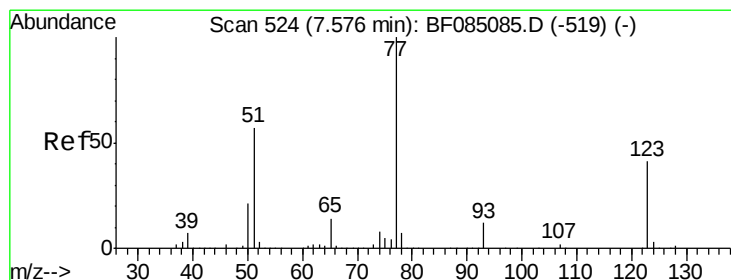
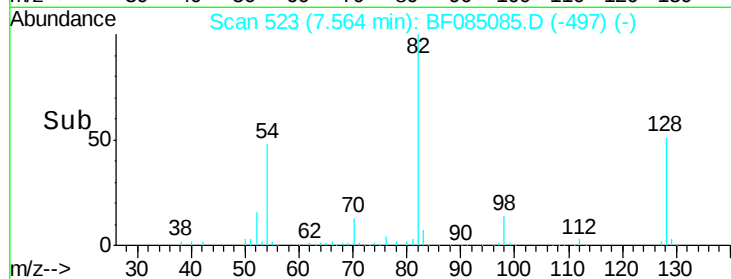
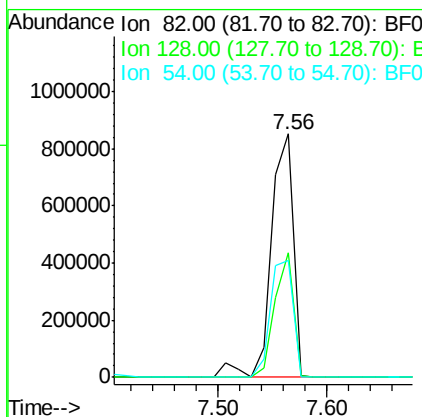
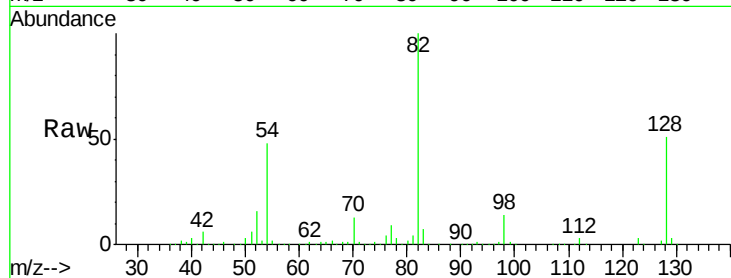




#23
 Nitrobenzene-d5
 Concen: 81.55 ng
 RT: 7.56 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF085085.D
 Acq: 17 Feb 2016 13:43

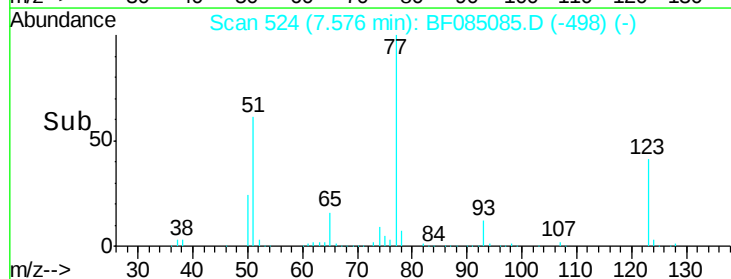
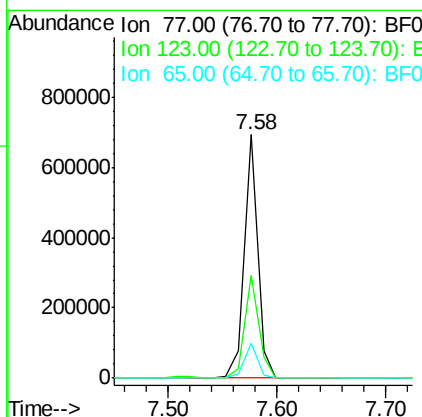
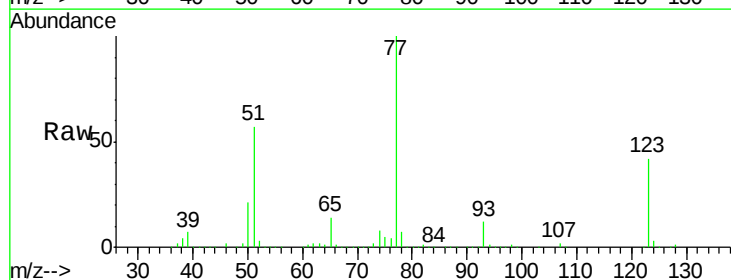
Instrument :
 BNA_F
 ClientSampled :

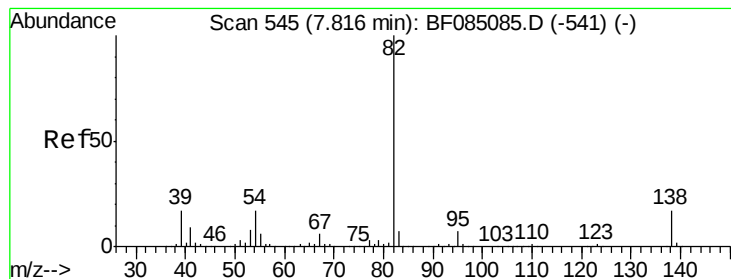
Tot Ion: 82 Resp: 1201314
 Ion Ratio Lower Upper
 82 100
 128 51.2 36.8 55.2
 54 47.8 44.4 66.6



#24
 Nitrobenzene
 Concen: 36.37 ng
 RT: 7.58 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF085085.D
 Acq: 17 Feb 2016 13:43

Tgt Ion: 77 Resp: 585441
 Ion Ratio Lower Upper
 77 100
 123 42.1 36.5 54.7
 65 14.4 10.9 16.3





#25

Isophorone

Concen: 42.57 ng

RT: 7.82 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

Instrument :

BNA_F

ClientSampleId :

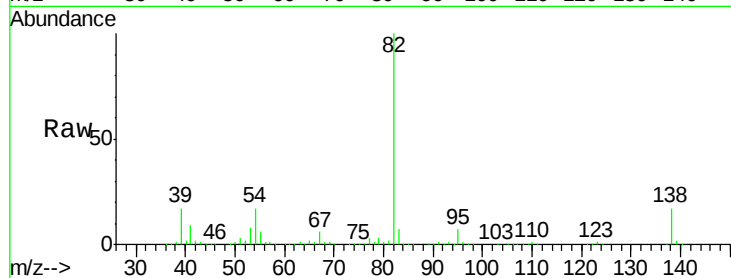
Tot Ion: 82 Resp: 1124964

Ion Ratio Lower Upper

82 100

95 7.2 6.1 9.1

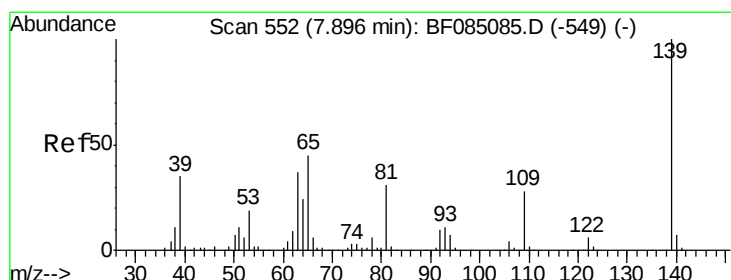
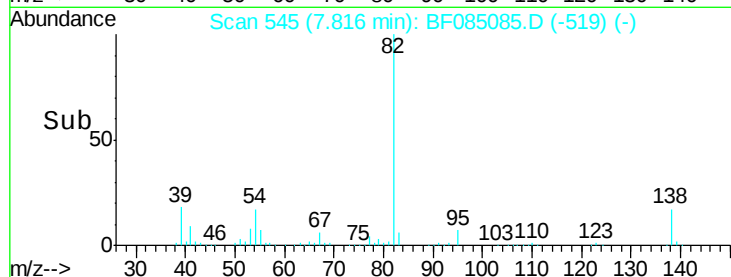
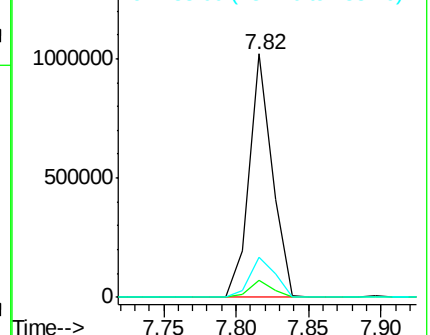
138 16.5 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 34.73 ng

RT: 7.90 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

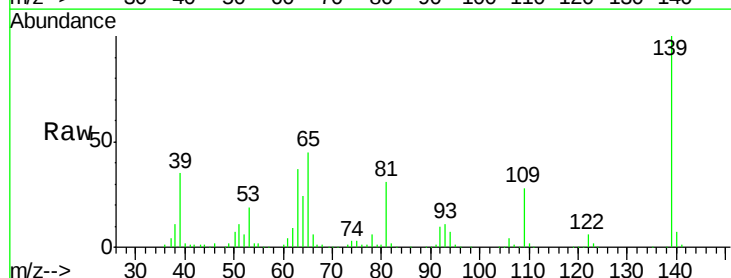
Tgt Ion: 139 Resp: 267954

Ion Ratio Lower Upper

139 100

109 27.9 23.4 35.2

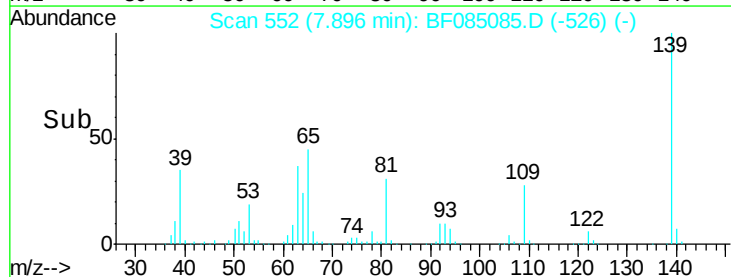
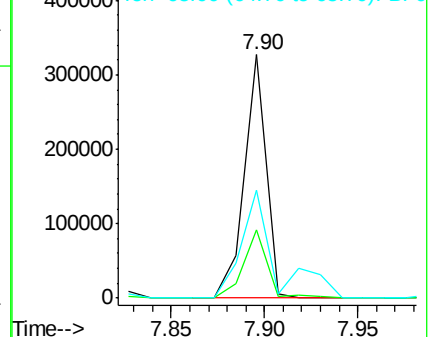
65 44.6 42.3 63.5

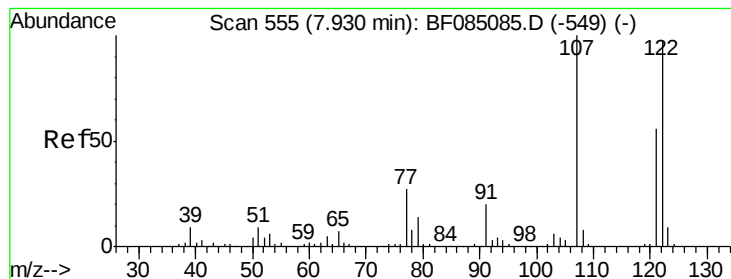


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

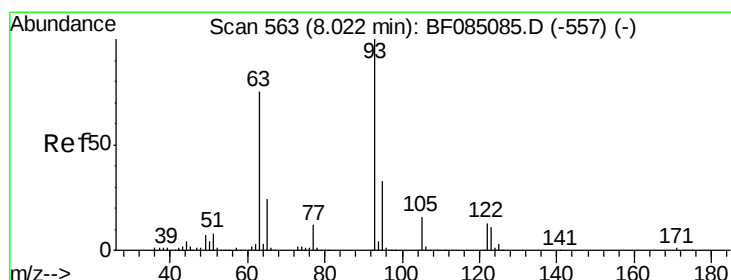
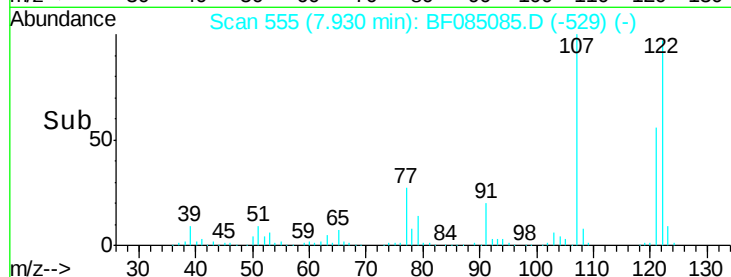
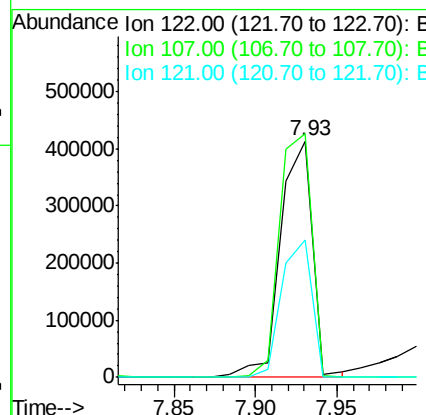
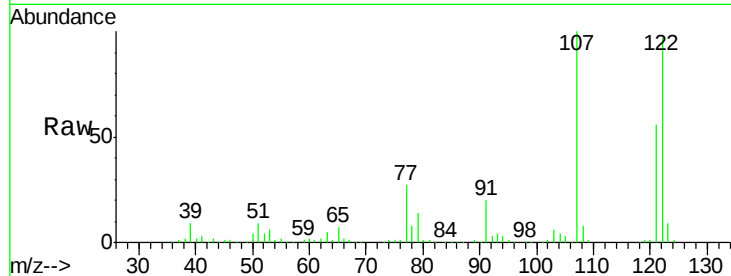




#27
 2,4-Dimethylphenol
 Concen: 45.30 ng
 RT: 7.93 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF085085.D
 Acq: 17 Feb 2016 13:43

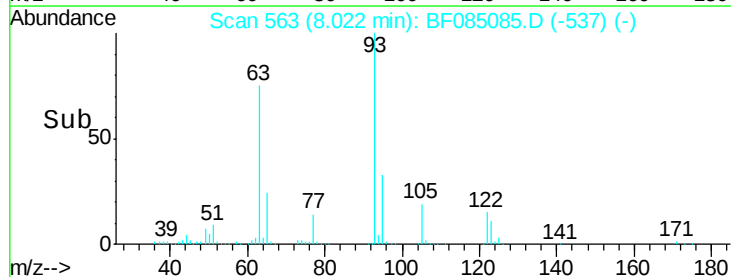
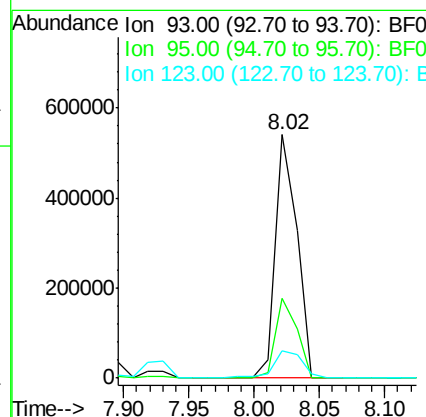
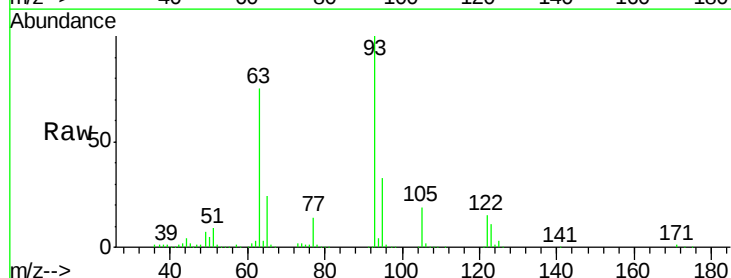
Instrument :
 BNA_F
 ClientSampleId :

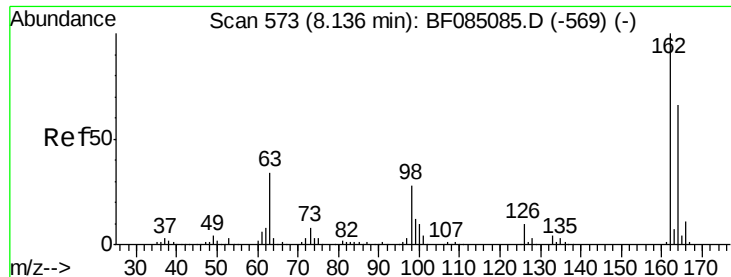
Tot Ion:122 Resp: 565511
 Ion Ratio Lower Upper
 122 100
 107 102.9 91.8 137.8
 121 58.0 45.0 67.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.11 ng
 RT: 8.02 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: BF085085.D
 Acq: 17 Feb 2016 13:43

Tgt Ion: 93 Resp: 625127
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.6 38.4
 123 11.0 8.7 13.1

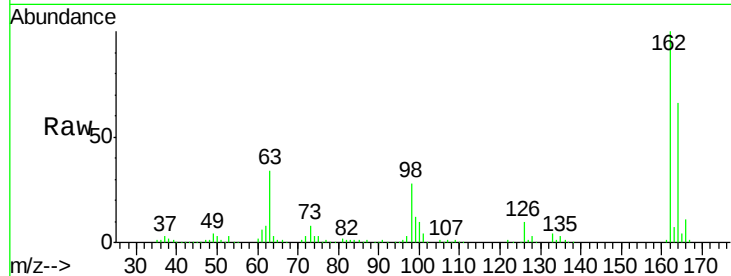




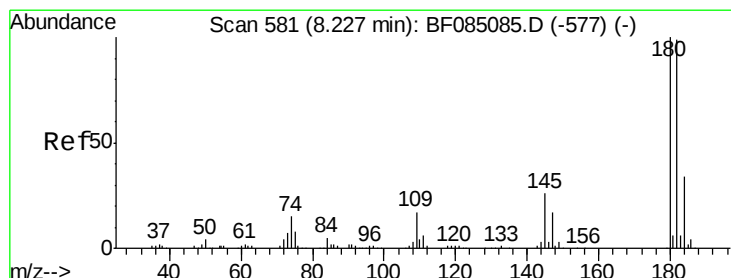
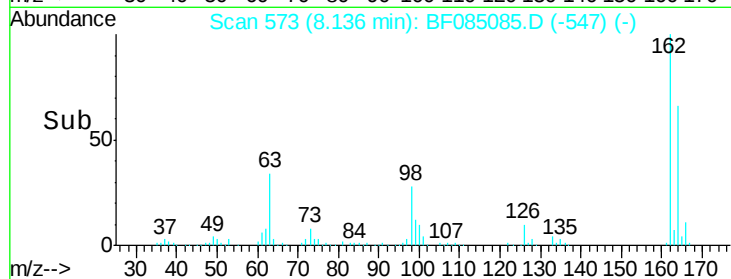
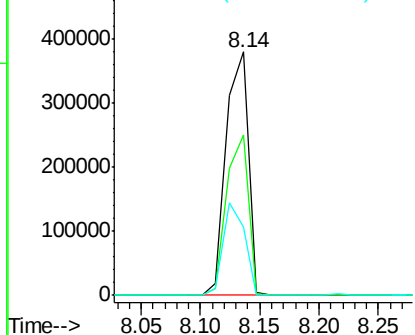
#29
 2,4-Dichlorophenol
 Concen: 43.43 ng
 RT: 8.14 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF085085.D
 Acq: 17 Feb 2016 13:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	42.8	82.8
98	27.9	17.6	57.6

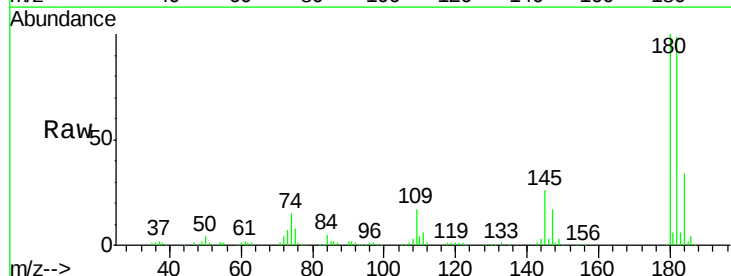


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

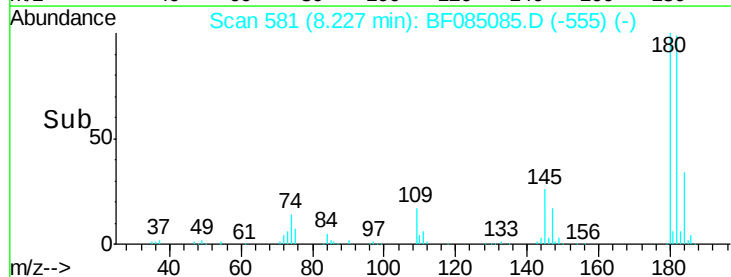
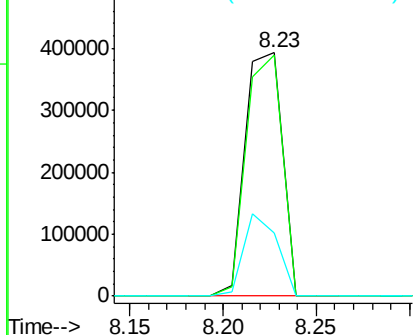


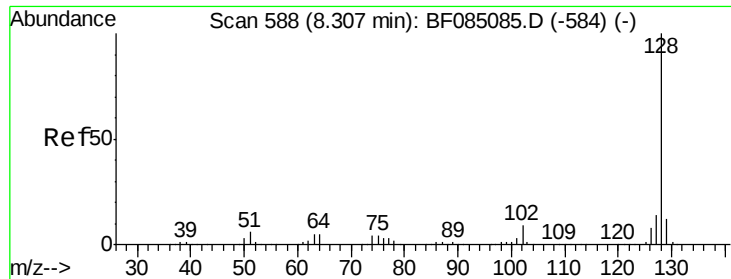
#30
 1,2,4-Trichlorobenzene
 Concen: 41.47 ng
 RT: 8.23 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF085085.D
 Acq: 17 Feb 2016 13:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.1	75.8	113.8
145	26.1	25.9	38.9



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

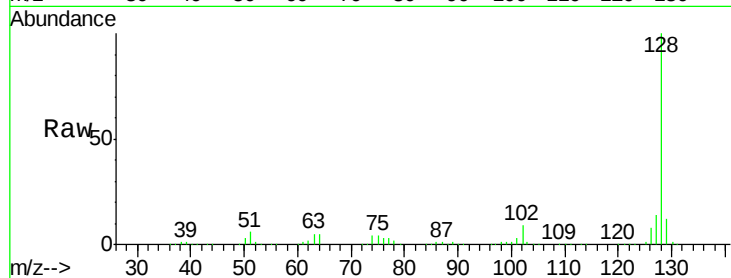




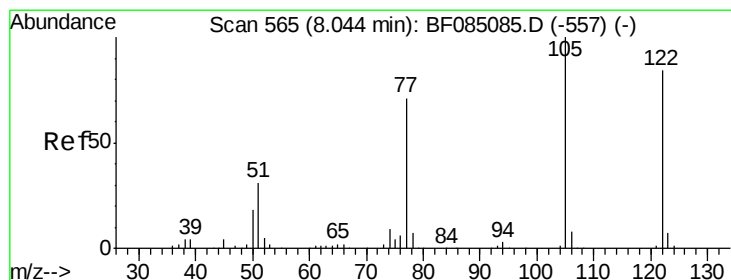
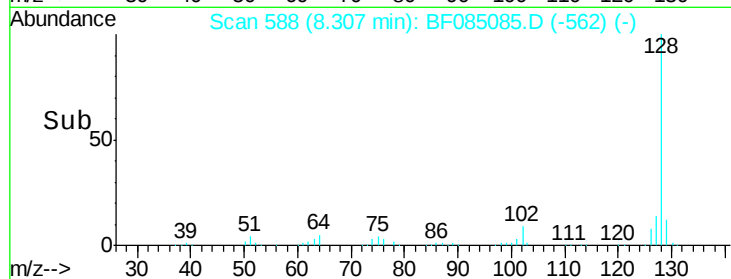
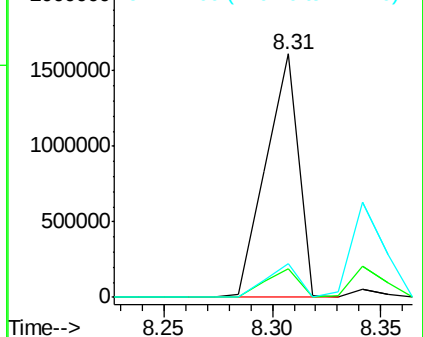
#31
Naphthalene
Concen: 40.34 ng
RT: 8.31 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1701536
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 14.1 10.3 15.5

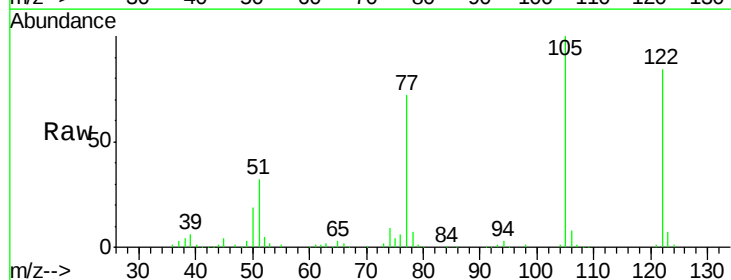


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

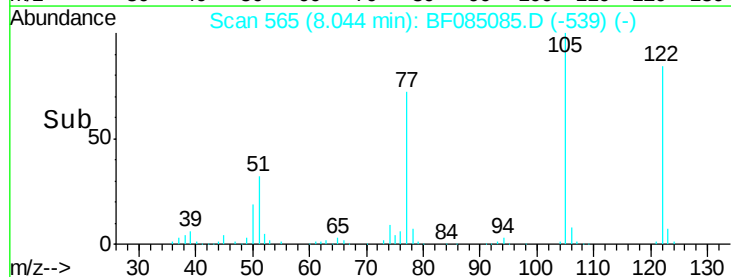
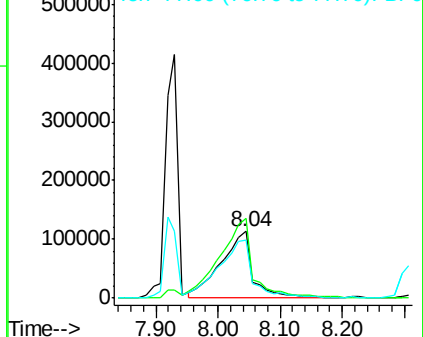


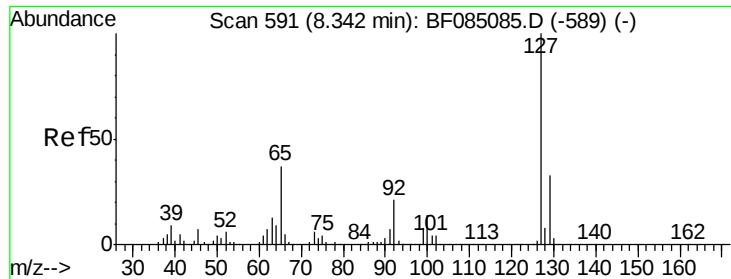
#32
Benzoic acid
Concen: 71.60 ng
RT: 8.04 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

Tgt Ion:122 Resp: 393400
Ion Ratio Lower Upper
122 100
105 119.3 101.3 141.3
77 86.4 70.0 110.0



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

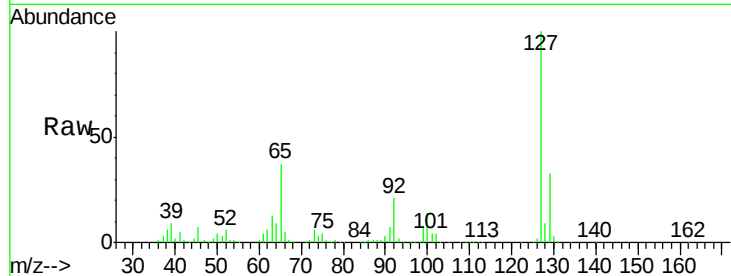




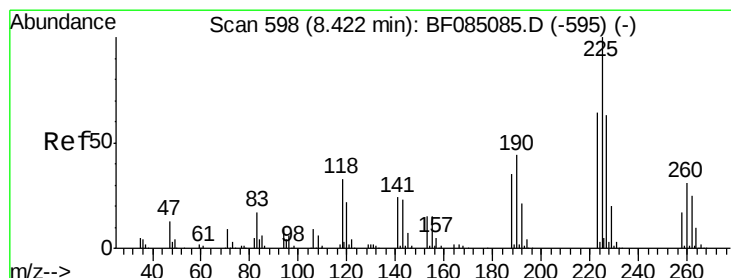
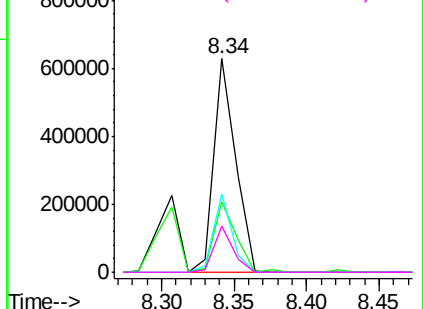
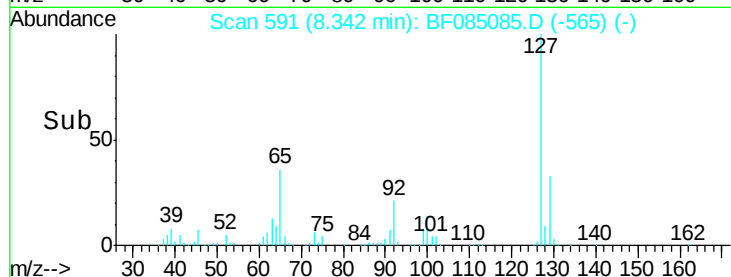
#33
4-Chloroaniline
Concen: 40.77 ng
RT: 8.34 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	652367
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.6	39.8
65	36.7	24.7	37.1
92	21.3	15.1	22.7

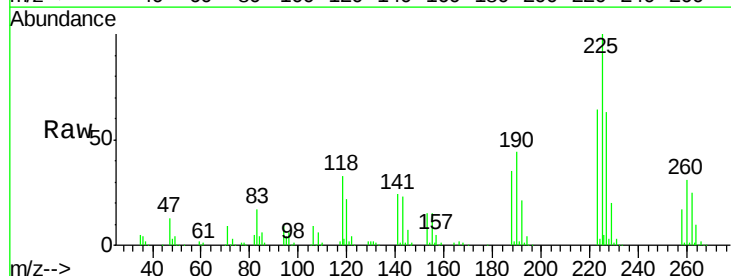


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

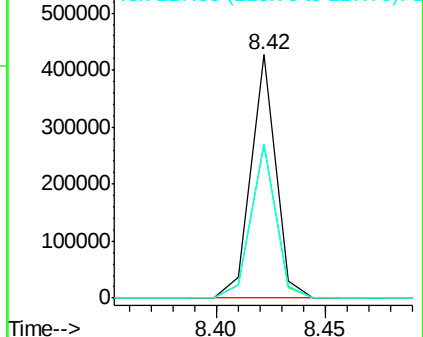
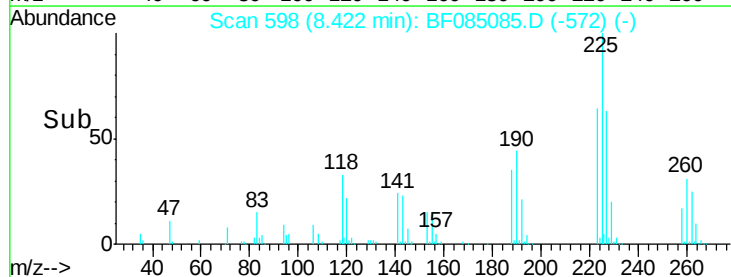


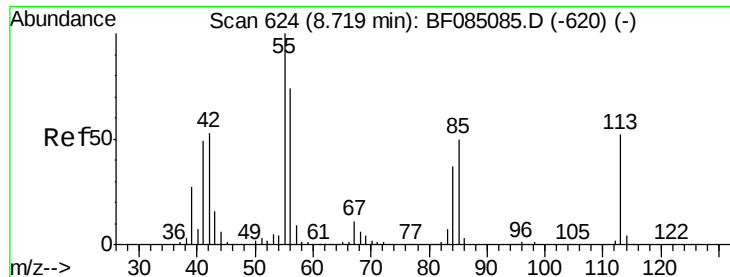
#34
Hexachlorobutadiene
Concen: 46.23 ng
RT: 8.42 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

Tgt Ion:	225	Resp:	338621
Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.6	73.0
227	63.4	48.9	73.3



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





#35

Caprolactam

Concen: 47.40 ng

RT: 8.72 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

Instrument :

BNA_F

ClientSampleId :

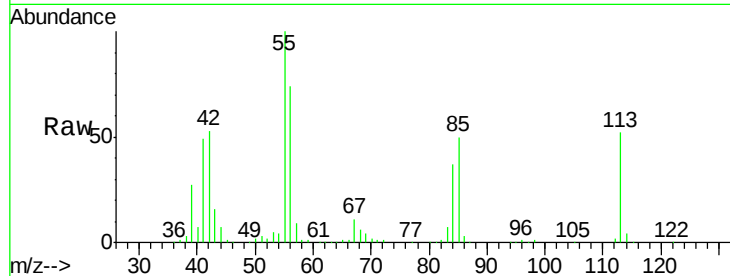
Tot Ion:113 Resp: 144583

Ion Ratio Lower Upper

113 100

55 193.4 173.1 213.1

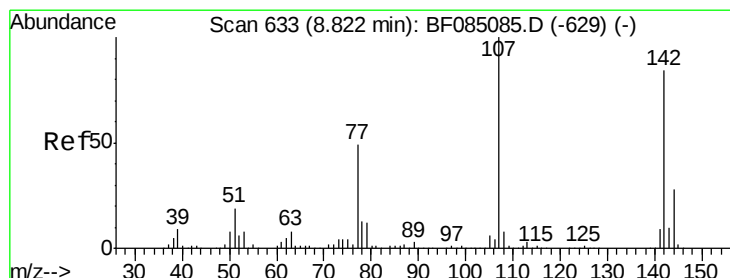
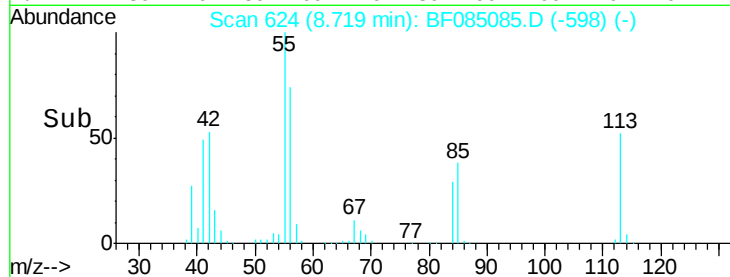
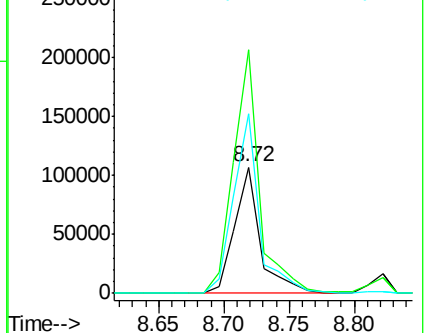
56 143.0 132.9 172.9



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: 44.37 ng

RT: 8.82 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

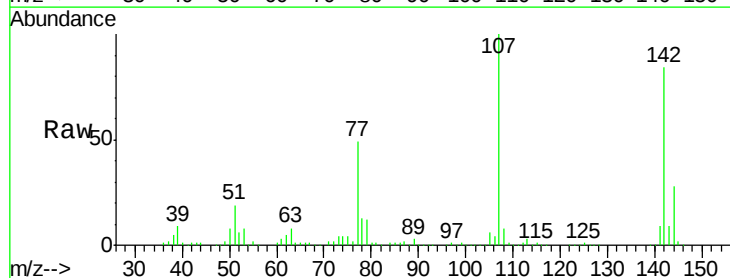
Tgt Ion:107 Resp: 570744

Ion Ratio Lower Upper

107 100

144 27.7 19.2 28.8

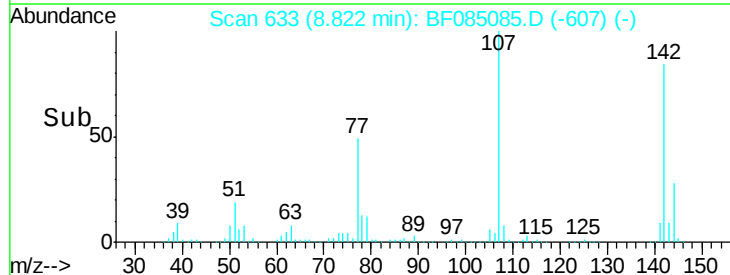
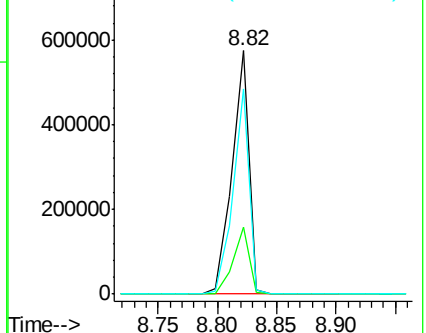
142 84.3 60.6 91.0

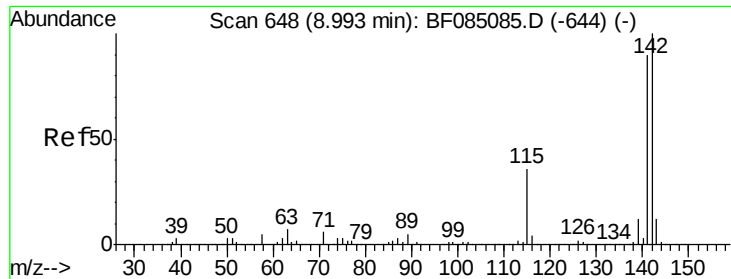


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

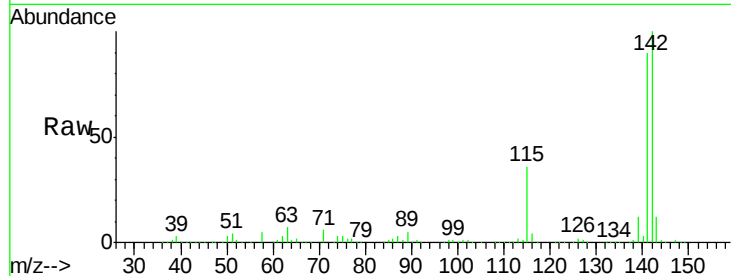




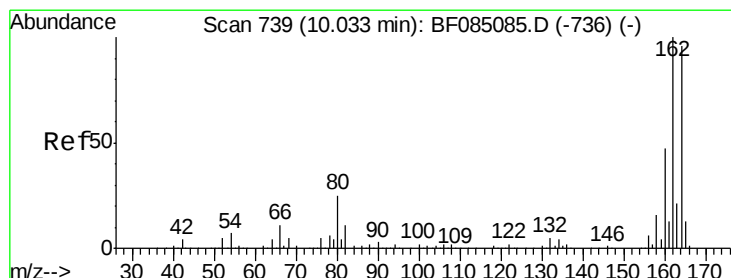
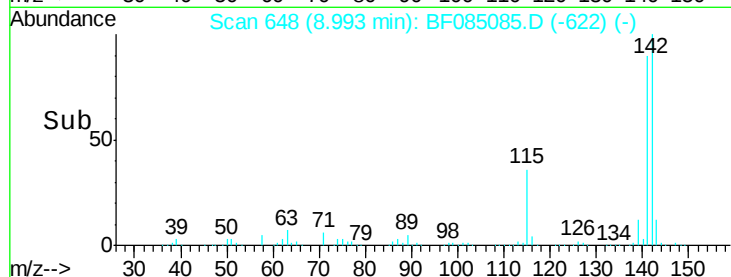
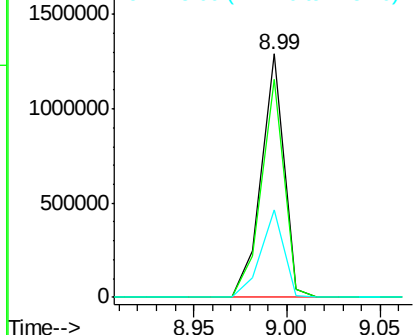
#37
2-Methylnaphthalene
Concen: 40.55 ng
RT: 8.99 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1091022
Ion Ratio Lower Upper
142 100
141 89.7 69.6 104.4
115 35.8 27.9 41.9

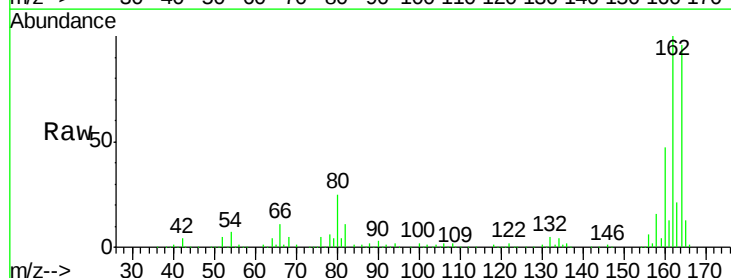


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

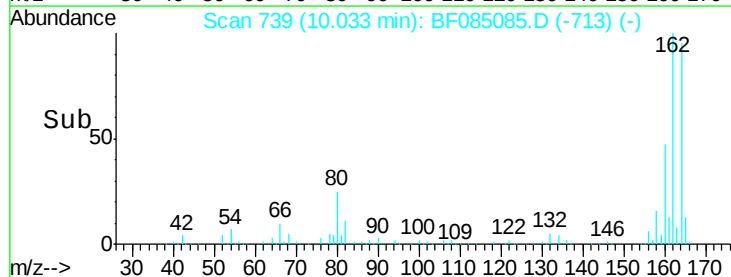
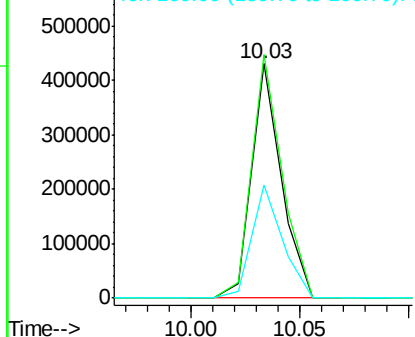


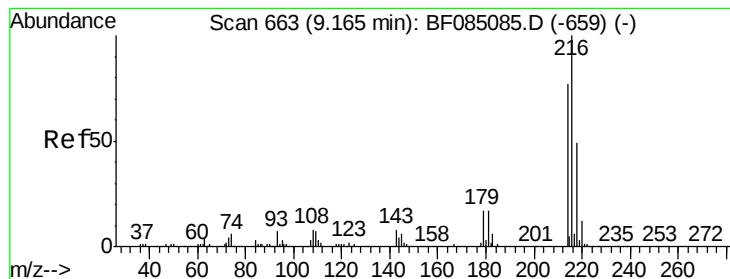
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

Tgt Ion:164 Resp: 408129
Ion Ratio Lower Upper
164 100
162 103.8 81.1 121.7
160 48.3 37.4 56.0



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: 41.88 ng

RT: 9.16 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 552276

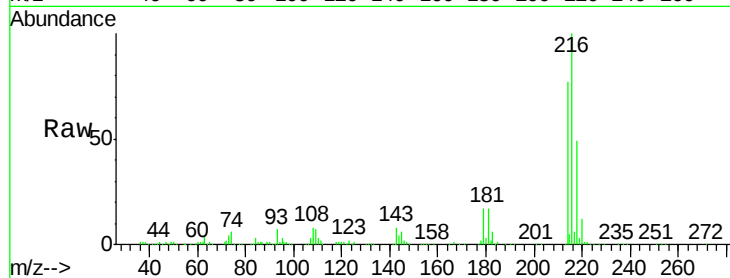
Ion Ratio Lower Upper

216 100

214 78.2 62.2 93.2

179 20.8 18.1 27.1

108 18.3 15.7 23.5

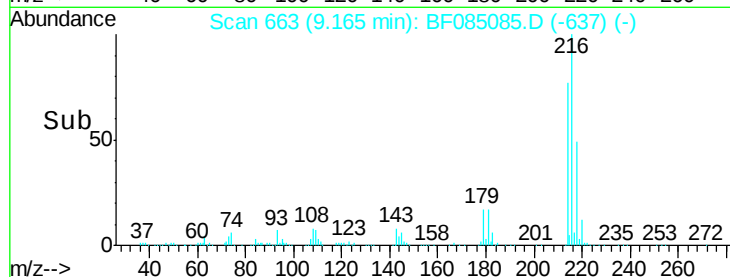


Abundance Ion 216.00 (215.70 to 216.70): E

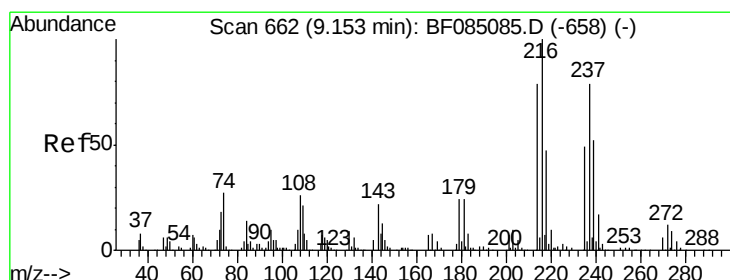
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 71.87 ng

RT: 9.15 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

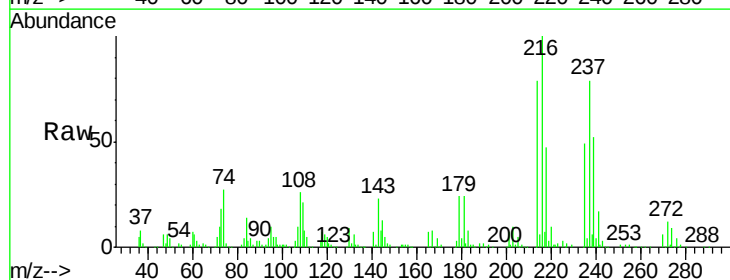
Tgt Ion:237 Resp: 315230

Ion Ratio Lower Upper

237 100

235 62.1 44.8 84.8

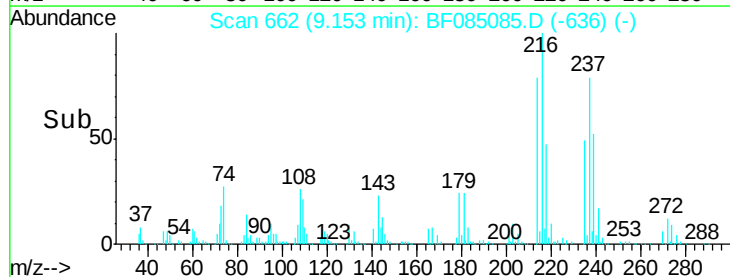
272 15.0 0.0 31.8



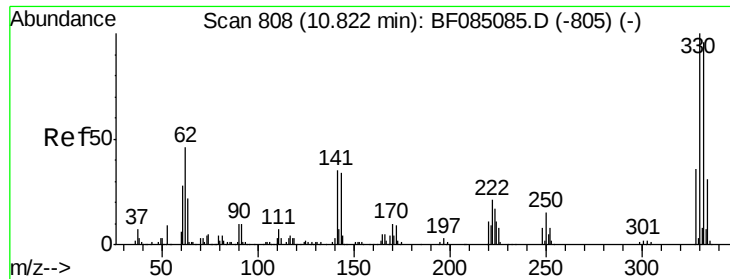
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



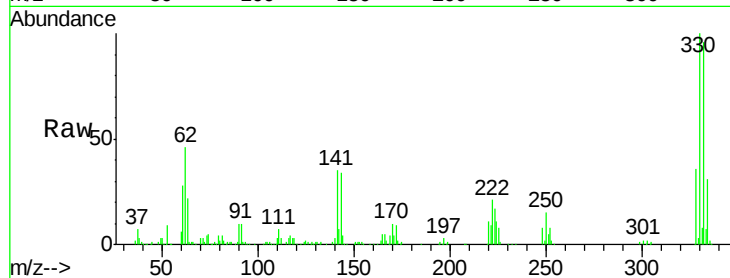
Time-->



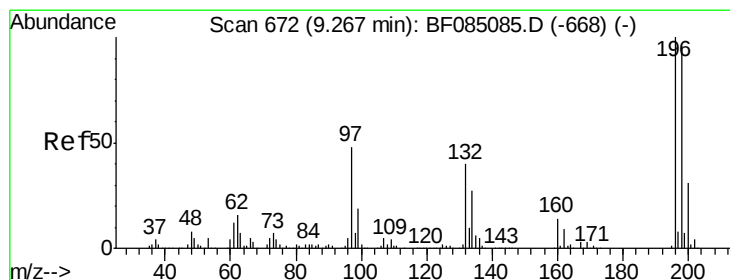
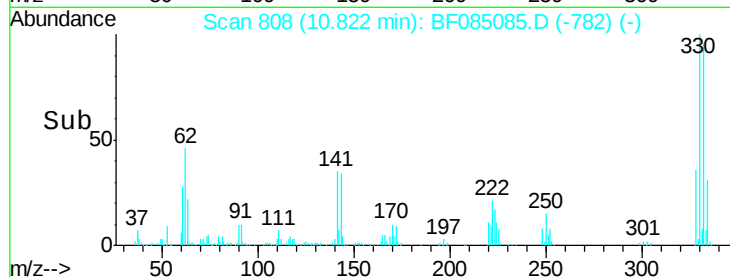
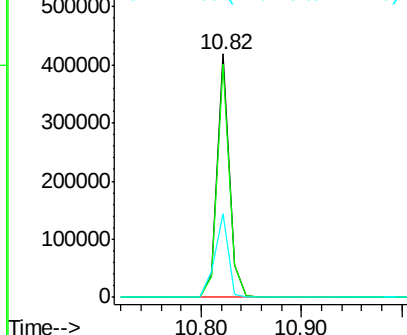
#41
 2,4,6-Tribromophenol
 Concen: 84.78 ng
 RT: 10.82 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF085085.D
 Acq: 17 Feb 2016 13:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 357387
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.5 117.7
 141 37.6 28.6 42.8

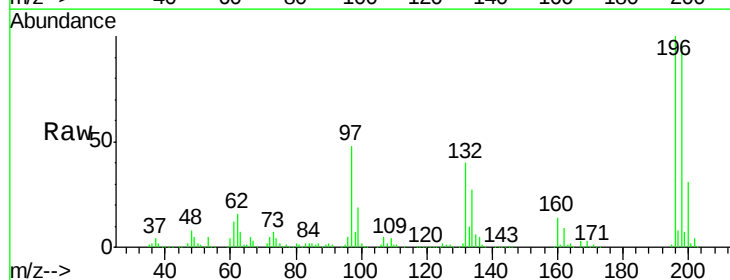


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

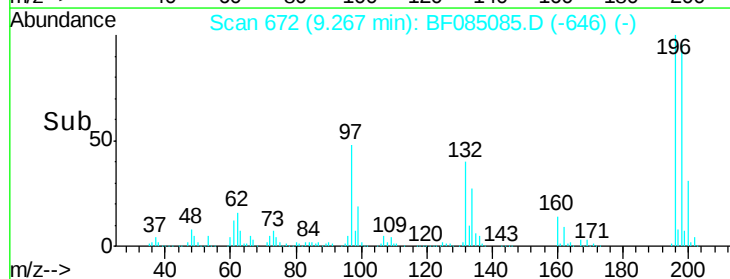
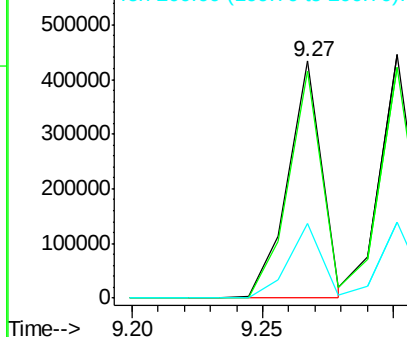


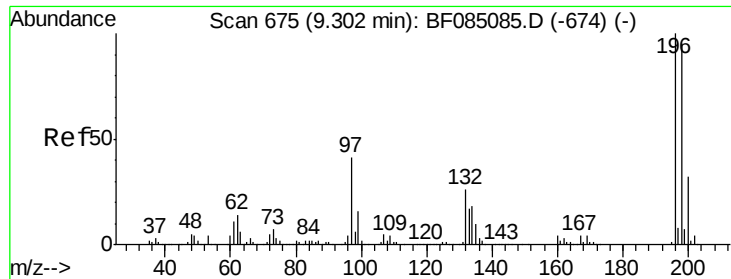
#42
 2,4,6-Trichlorophenol
 Concen: 53.52 ng
 RT: 9.27 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF085085.D
 Acq: 17 Feb 2016 13:43

Tgt Ion:196 Resp: 389209
 Ion Ratio Lower Upper
 196 100
 198 95.9 81.0 121.6
 200 31.4 26.3 39.5



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

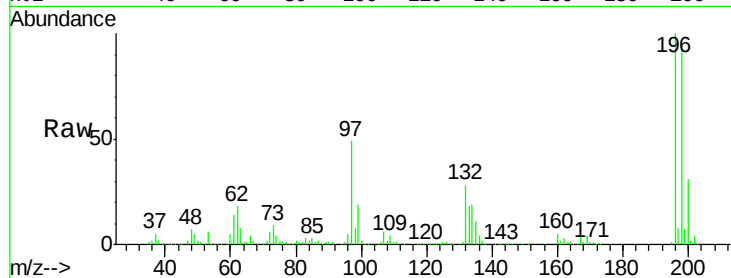




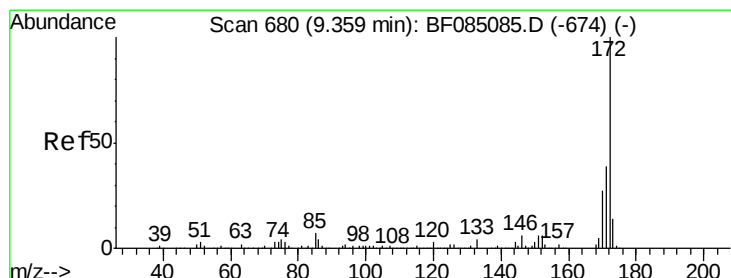
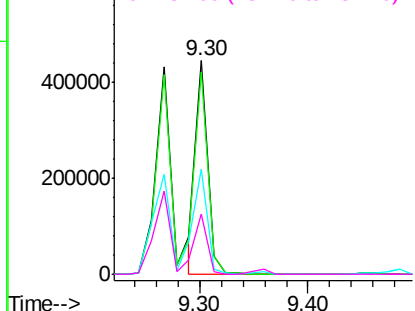
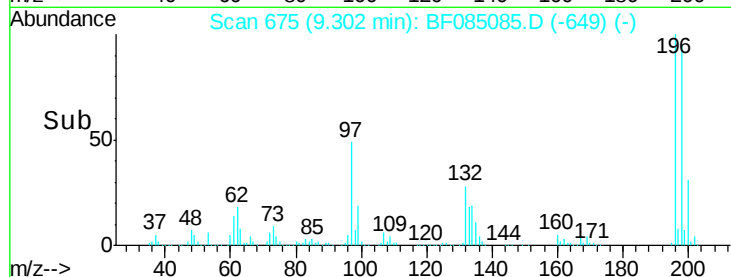
#43
 2,4,5-Trichlorophenol
 Concen: 39.85 ng
 RT: 9.30 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF085085.D
 Acq: 17 Feb 2016 13:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	337115
Ion	Ratio	Lower	Upper
196	100		
198	94.9	79.7	119.5
97	48.9	47.0	70.4
132	28.3	26.4	39.6

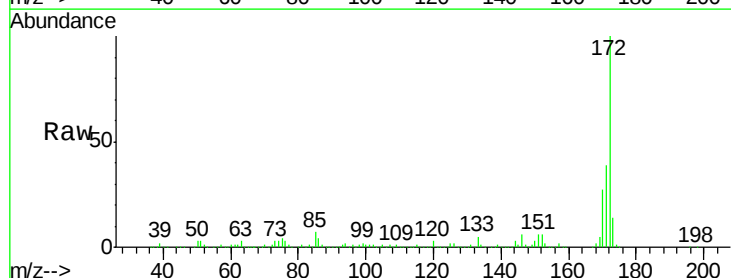


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

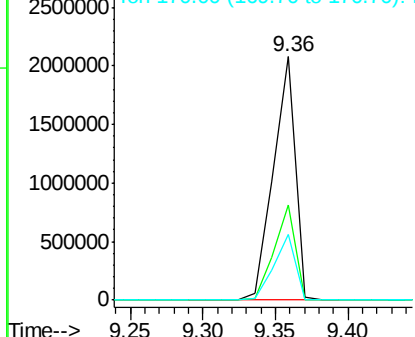
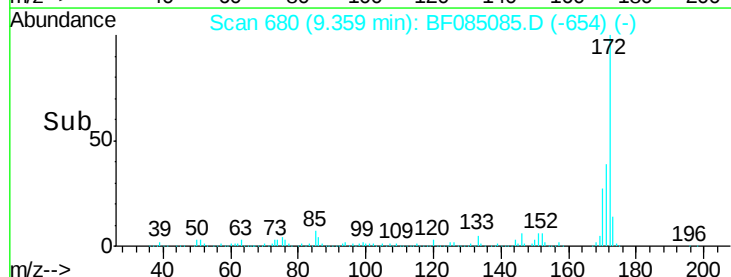


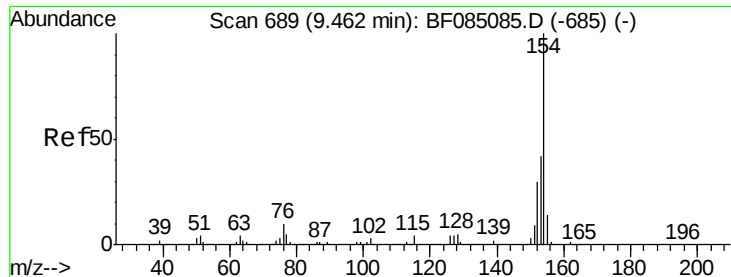
#44
 2-Fluorobiphenyl
 Concen: 76.16 ng
 RT: 9.36 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF085085.D
 Acq: 17 Feb 2016 13:43

Tgt Ion:	172	Resp:	2174429
Ion	Ratio	Lower	Upper
172	100		
171	39.1	29.1	43.7
170	26.9	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 39.71 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

Instrument :

BNA_F

ClientSampleId :

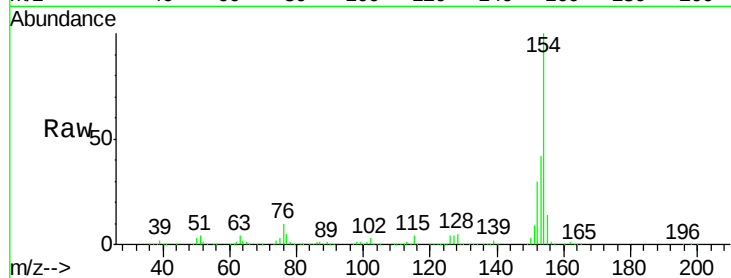
Tot Ion:154 Resp: 1474264

Ion Ratio Lower Upper

154 100

153 42.0 19.9 59.9

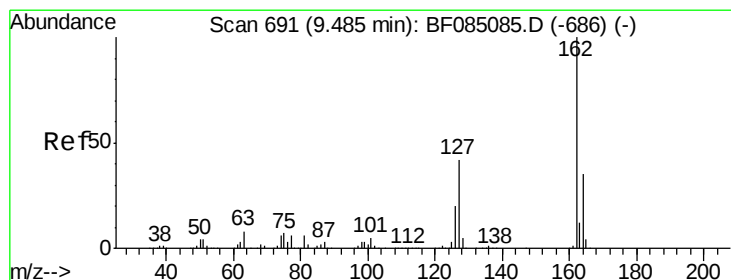
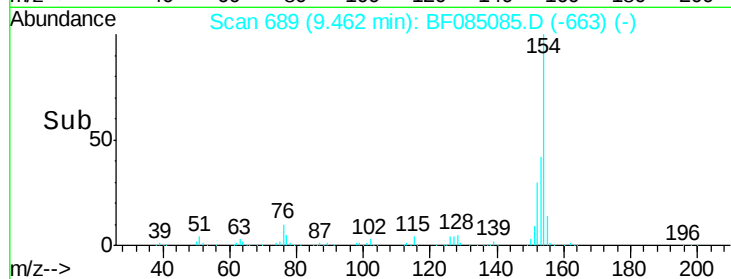
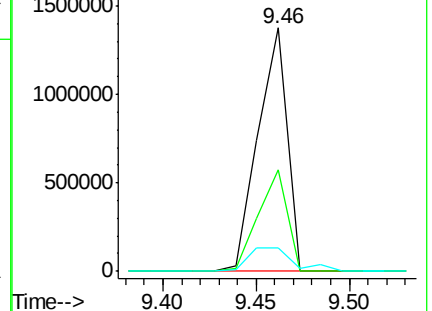
76 9.9 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.22 ng

RT: 9.48 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

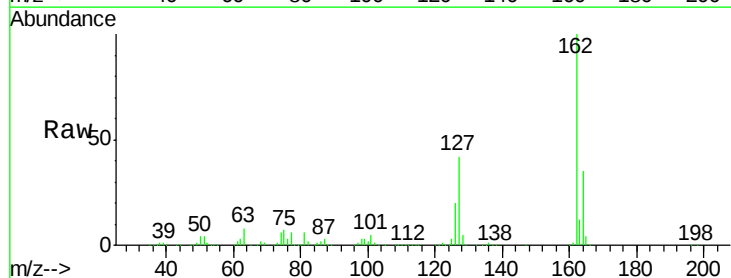
Tgt Ion:162 Resp: 1110514

Ion Ratio Lower Upper

162 100

127 41.5 34.8 52.2

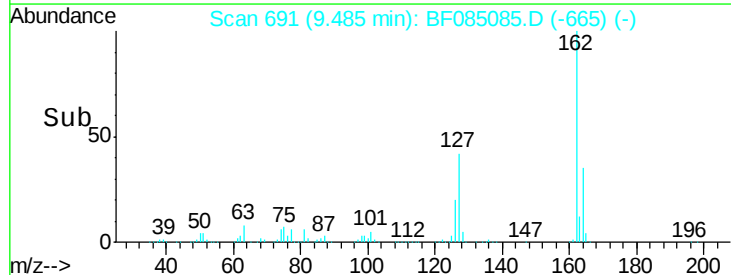
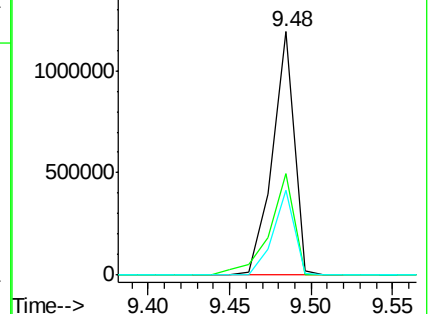
164 34.9 25.8 38.6

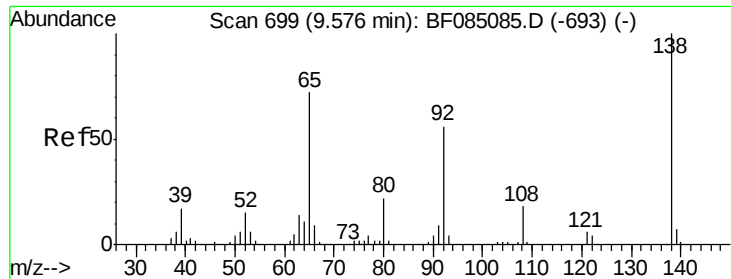


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

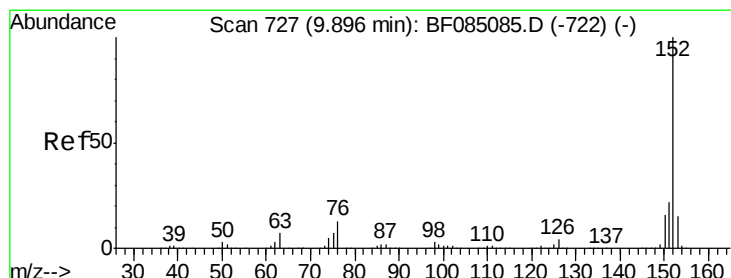
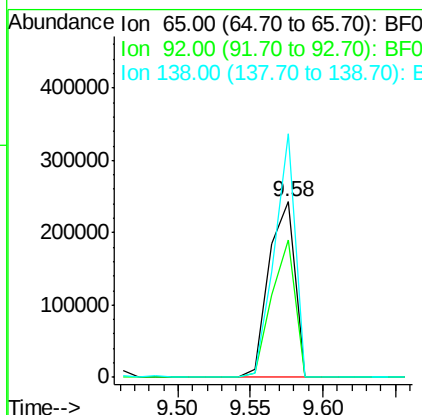
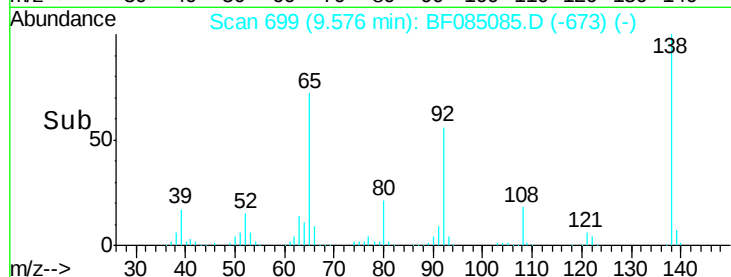
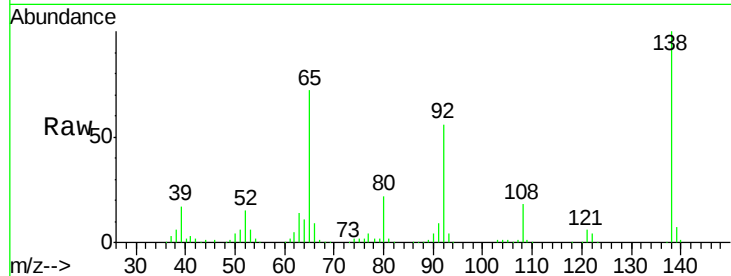




#47
 2-Nitroaniline
 Concen: 37.06 ng
 RT: 9.58 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF085085.D
 Acq: 17 Feb 2016 13:43

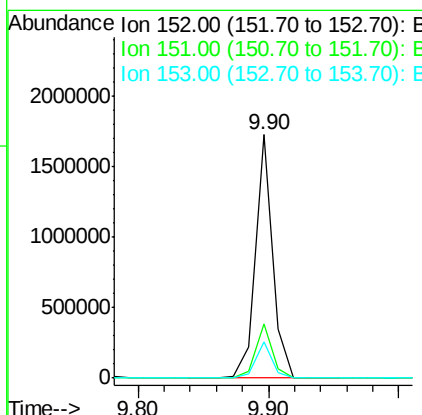
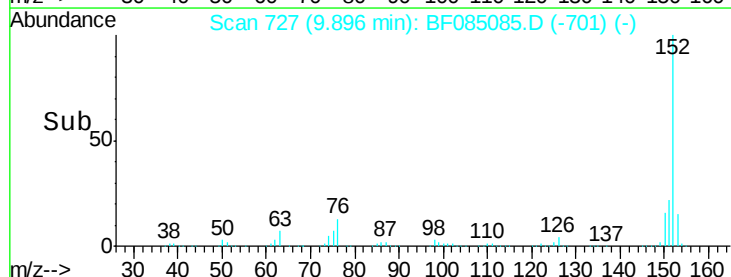
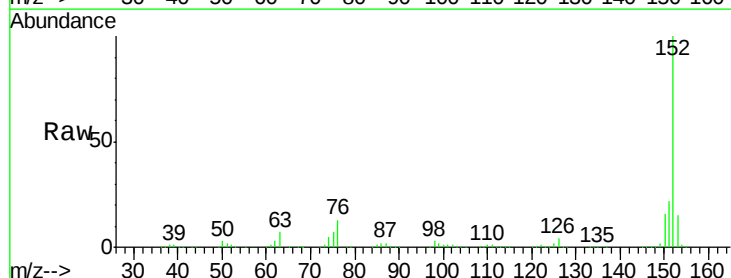
Instrument :
 BNA_F
 ClientSampleId :

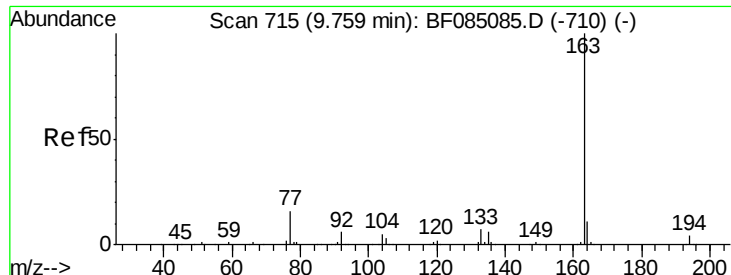
Tot Ion: 65 Resp: 300981
 Ion Ratio Lower Upper
 65 100
 92 78.1 57.1 85.7
 138 138.9 86.8 130.2#



#48
 Acenaphthylene
 Concen: 37.88 ng
 RT: 9.90 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF085085.D
 Acq: 17 Feb 2016 13:43

Tgt Ion: 152 Resp: 1582016
 Ion Ratio Lower Upper
 152 100
 151 22.0 16.0 24.0
 153 14.9 11.1 16.7

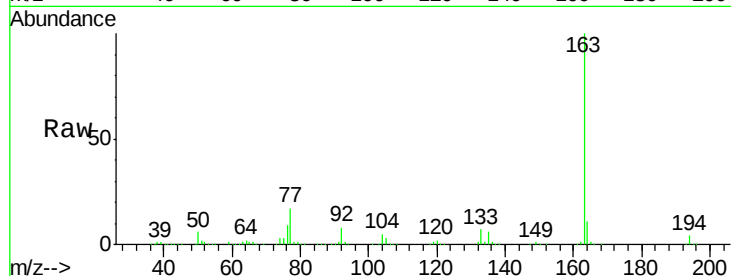




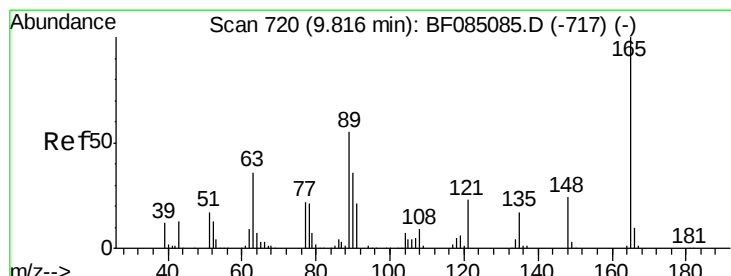
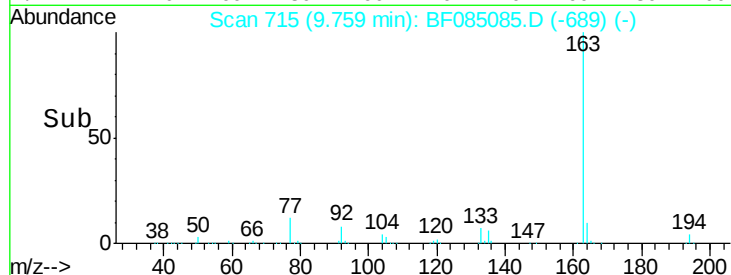
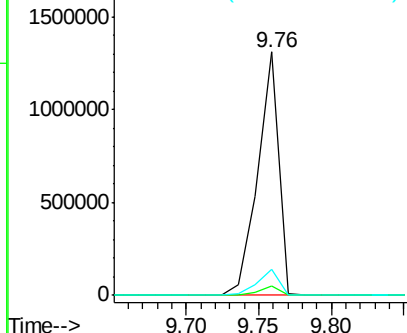
#49
Dimethylphthalate
Concen: 42.77 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1308653
Ion Ratio Lower Upper
163 100
194 4.1 2.5 3.7#
164 10.6 7.8 11.8

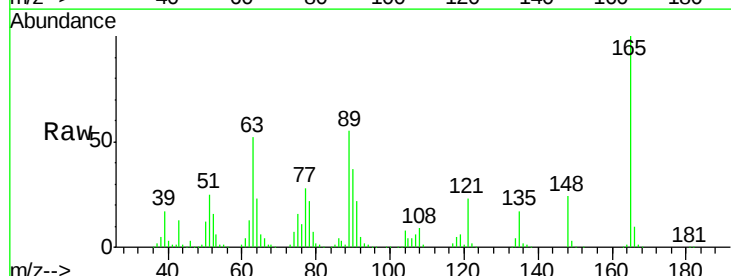


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

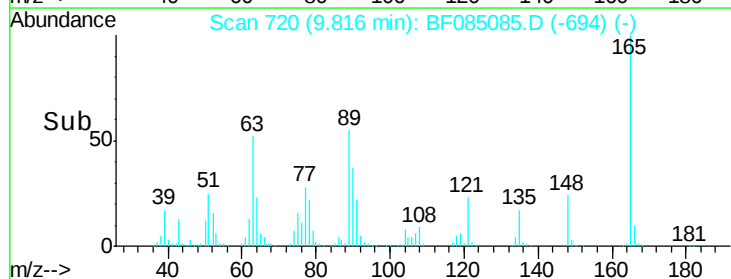
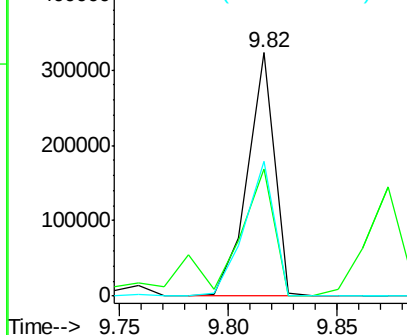


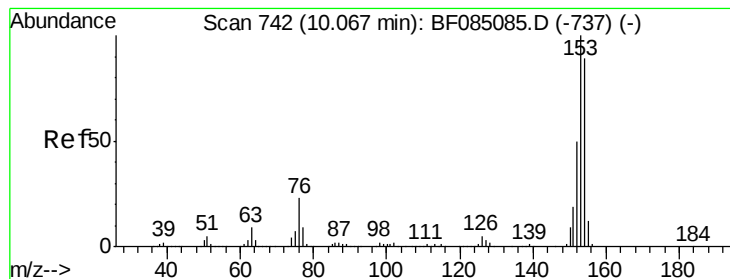
#50
2,6-Dinitrotoluene
Concen: 44.44 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

Tgt Ion:165 Resp: 278972
Ion Ratio Lower Upper
165 100
63 52.4 47.5 71.3
89 55.5 42.9 64.3



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: 38.21 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

Instrument :

BNA_F

ClientSampleId :

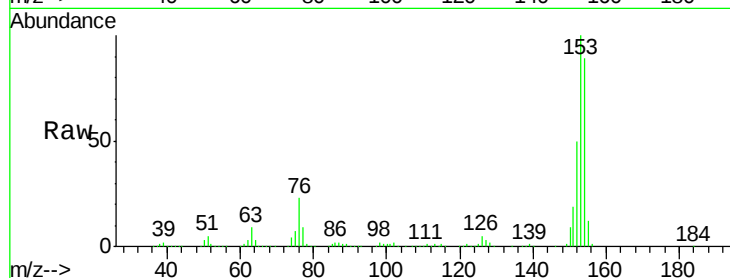
Tot Ion:154 Resp: 964926

Ion Ratio Lower Upper

154 100

153 112.9 89.5 134.3

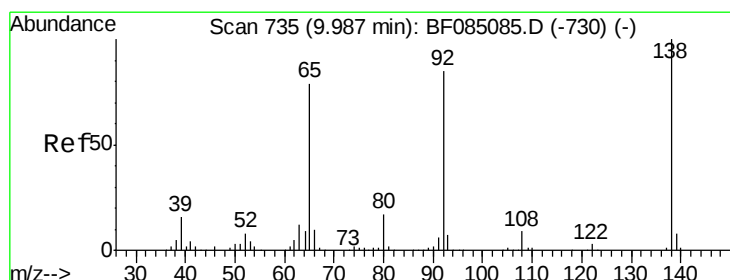
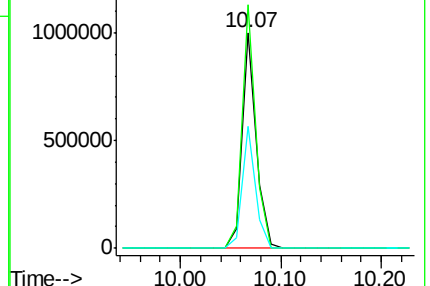
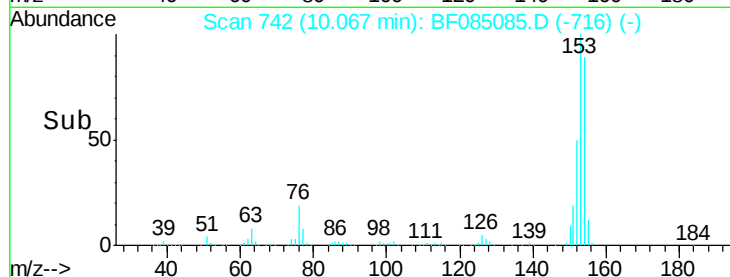
152 56.4 40.7 61.1



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: 42.71 ng

RT: 9.99 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

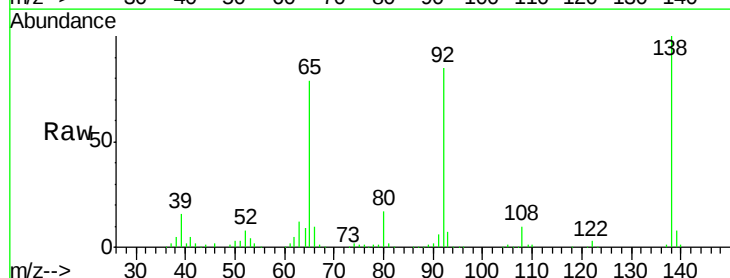
Tgt Ion:138 Resp: 297871

Ion Ratio Lower Upper

138 100

108 9.5 9.1 13.7

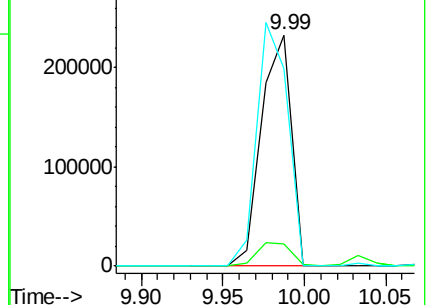
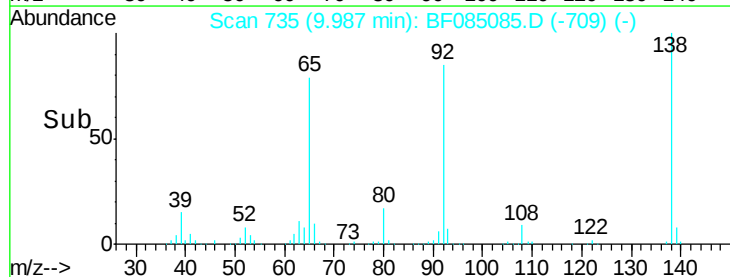
92 85.4 88.9 133.3#

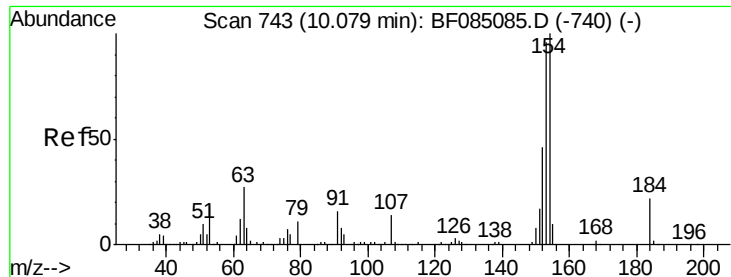


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

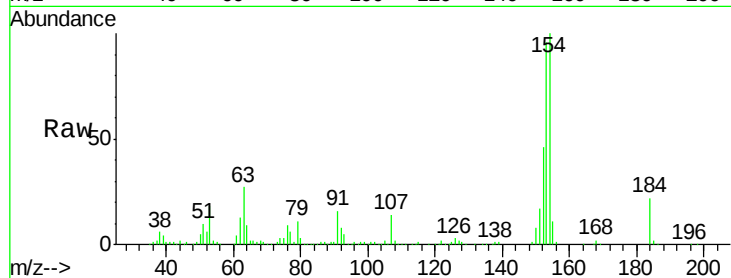




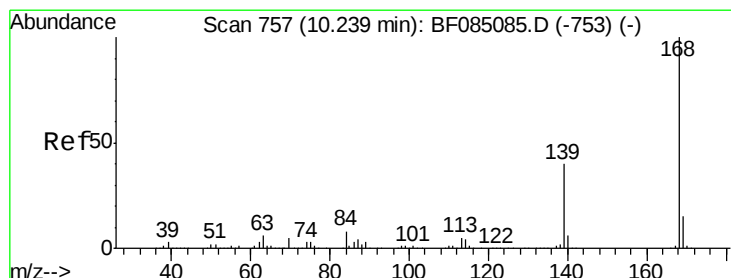
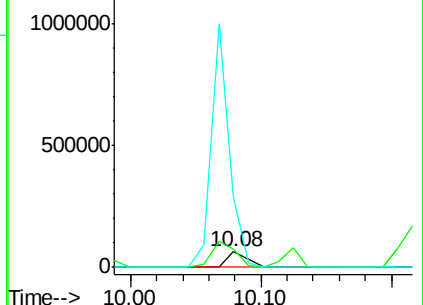
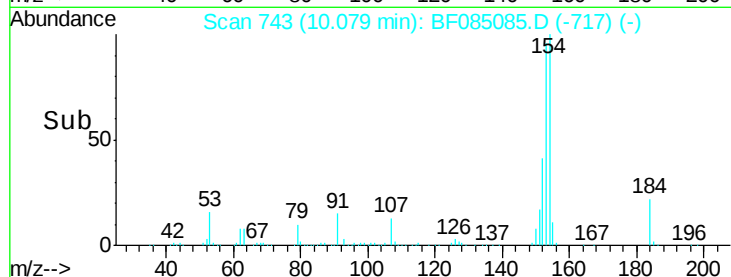
#53
2,4-Dinitrophenol
Concen: 34.53 ng
RT: 10.08 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 71787
Ion Ratio Lower Upper
184 100
63 121.4 60.6 90.8#
154 454.6 70.2 105.2#

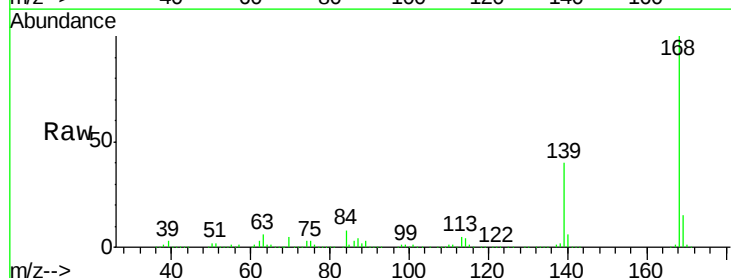


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

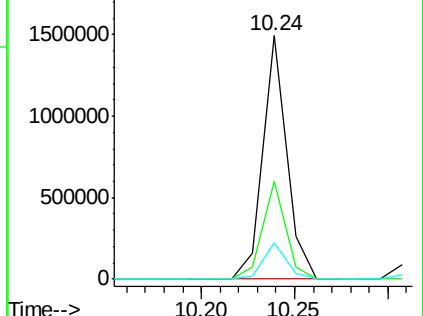
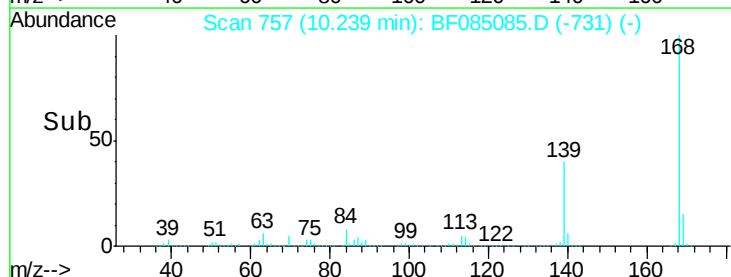


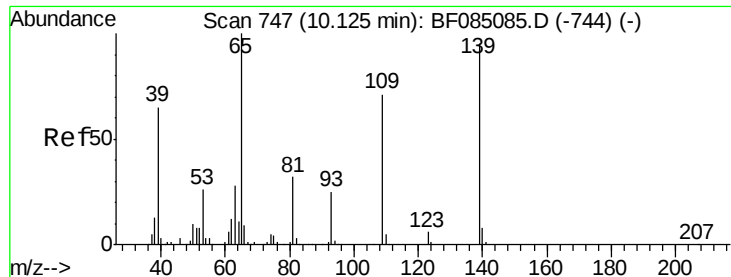
#54
Dibenzofuran
Concen: 38.95 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

Tgt Ion:168 Resp: 1315729
Ion Ratio Lower Upper
168 100
139 39.9 33.0 49.4
169 14.7 10.9 16.3



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: 49.69 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

Instrument :

BNA_F

ClientSampleId :

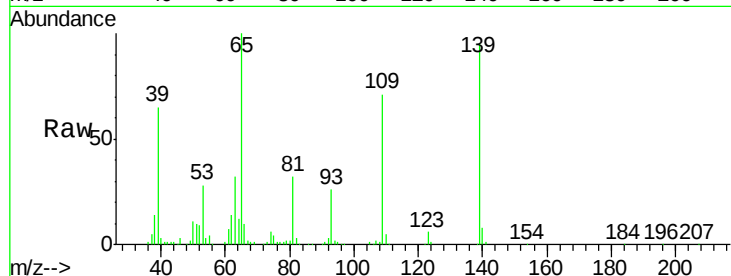
Tot Ion:139 Resp: 222346

Ion Ratio Lower Upper

139 100

109 74.5 48.7 88.7

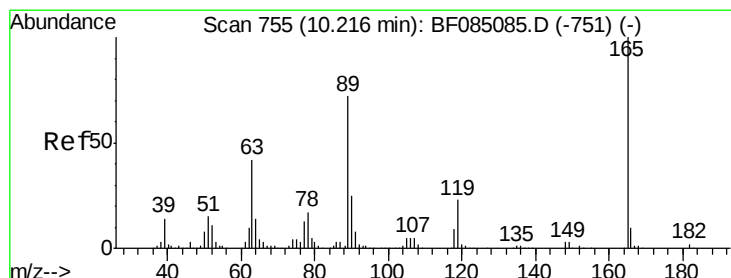
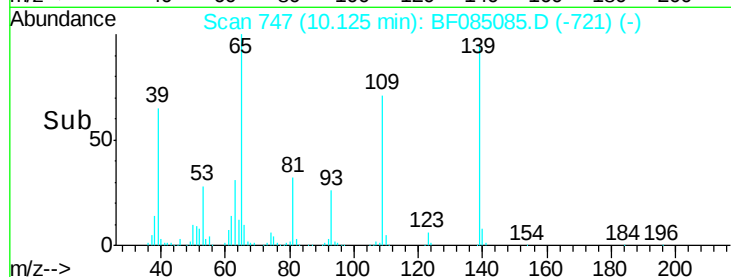
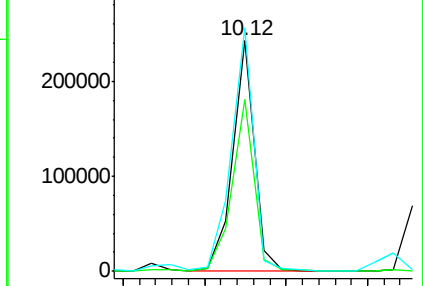
65 105.7 78.8 118.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.26 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

Tgt Ion:165 Resp: 352840

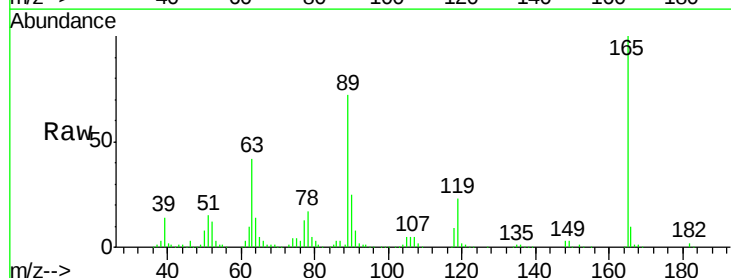
Ion Ratio Lower Upper

165 100

63 41.8 36.6 55.0

89 71.7 54.4 81.6

182 2.4 1.6 2.4

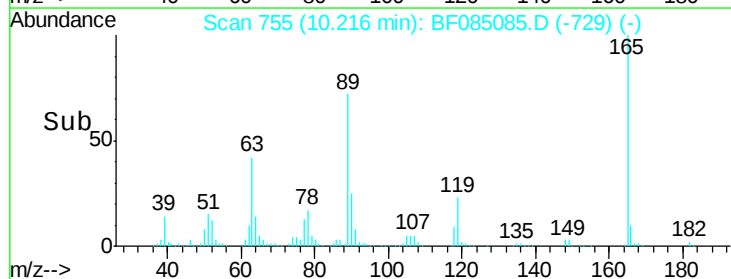
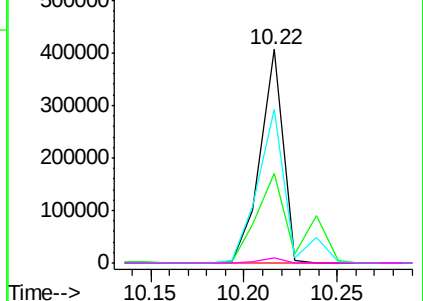


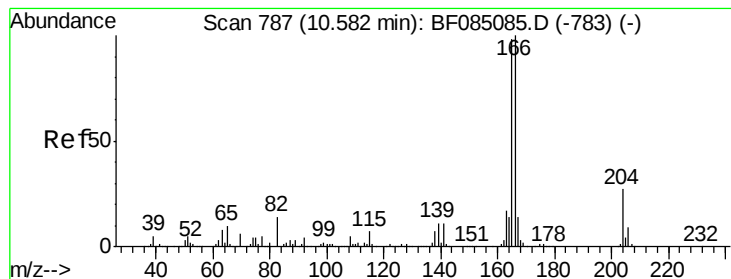
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.80 ng

RT: 10.58 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

Instrument :

BNA_F

ClientSampleId :

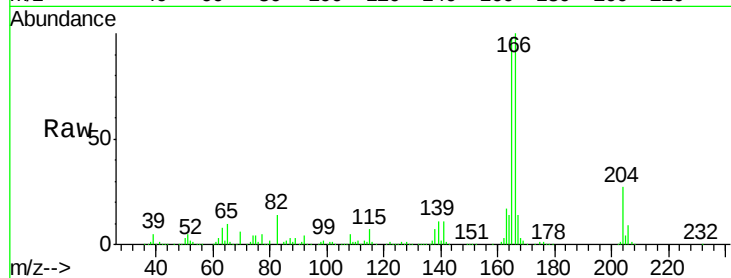
Tot Ion:166 Resp: 1065923

Ion Ratio Lower Upper

166 100

165 97.7 78.9 118.3

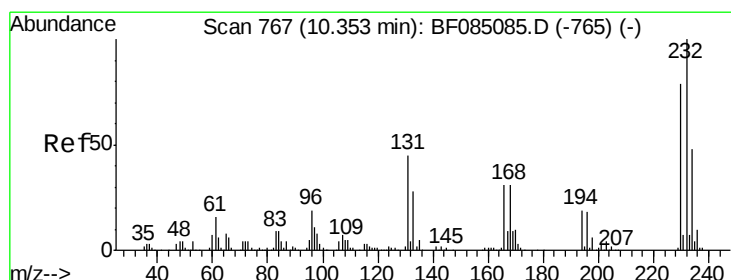
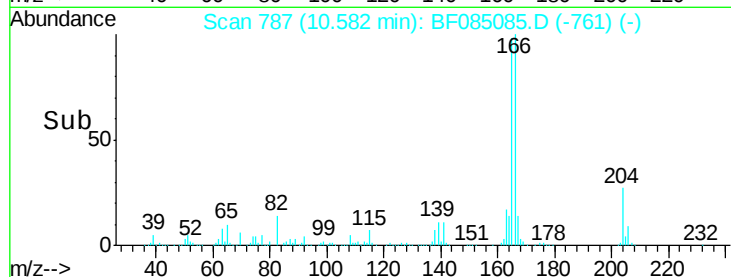
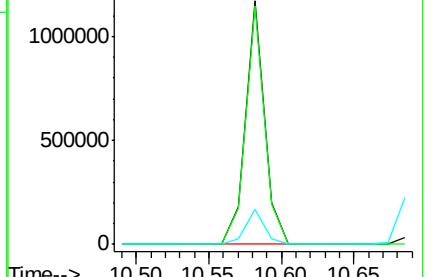
167 14.4 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.30 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

Tgt Ion:232 Resp: 316512

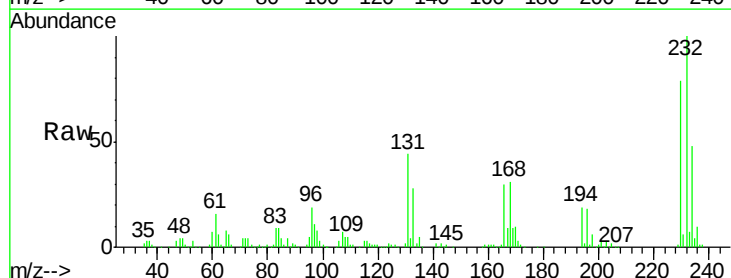
Ion Ratio Lower Upper

232 100

131 45.6 39.7 59.5

130 2.2 1.8 2.8

166 30.5 24.2 36.2

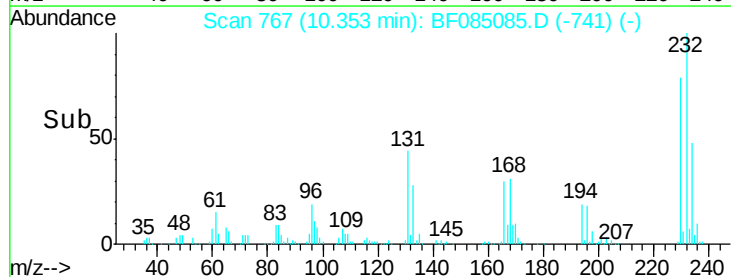
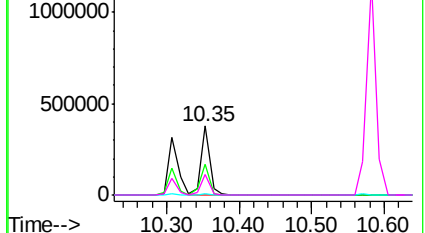


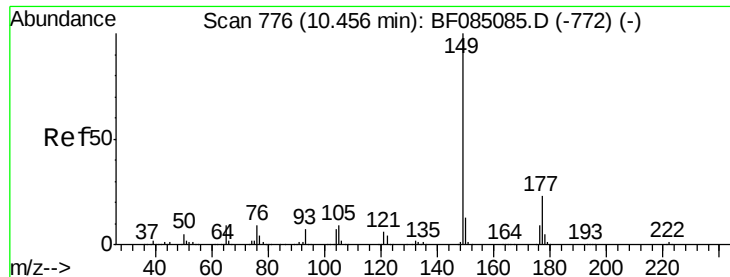
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

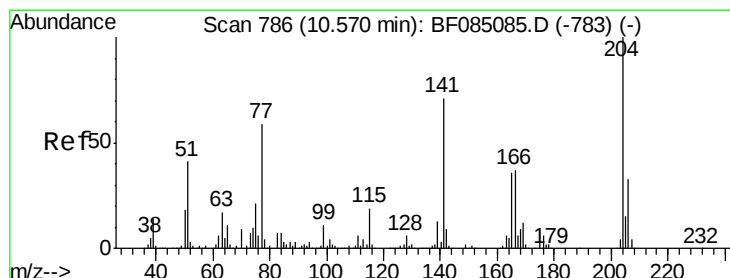
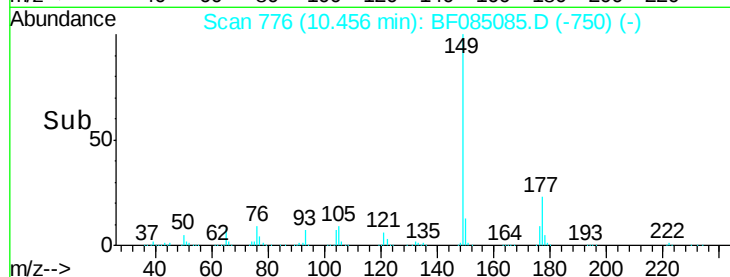
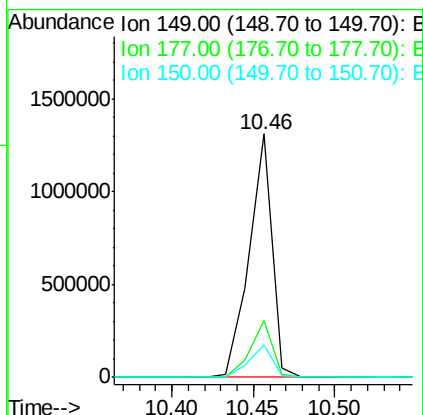
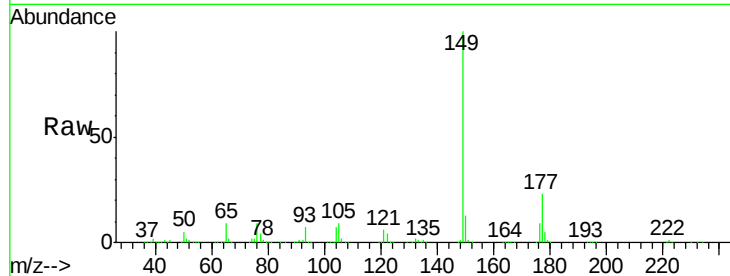




#59
Diethylphthalate
Concen: 42.10 ng
RT: 10.46 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

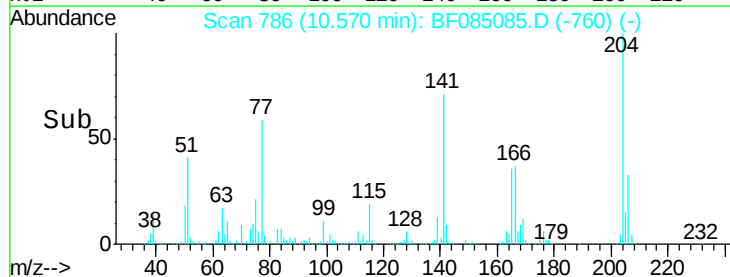
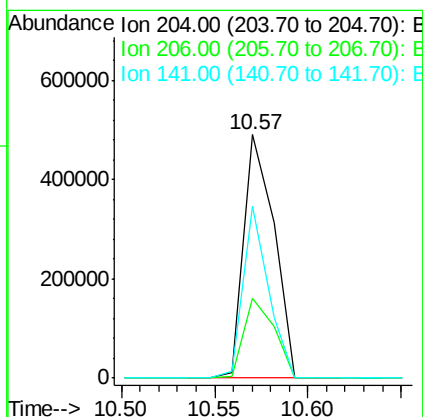
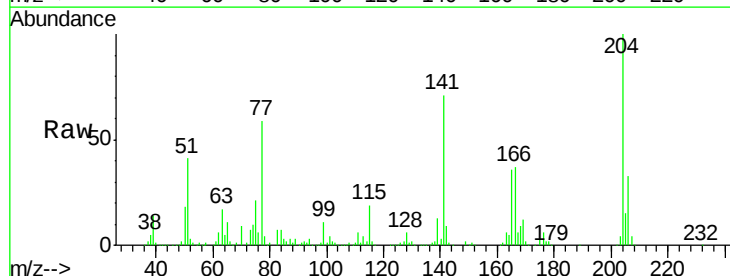
Instrument :
BNA_F
ClientSampleId :

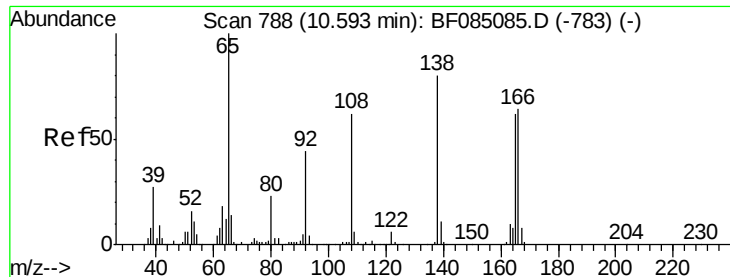
Tot Ion:149 Resp: 1276602
Ion Ratio Lower Upper
149 100
177 23.5 16.4 24.6
150 13.2 10.2 15.4



#60
4-Chlorophenyl-phenylether
Concen: 40.34 ng
RT: 10.57 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

Tgt Ion:204 Resp: 559920
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 70.8 50.5 75.7

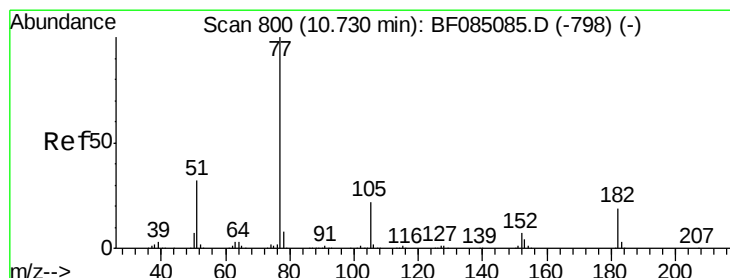
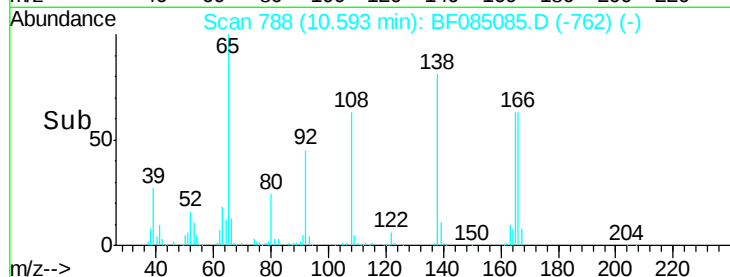
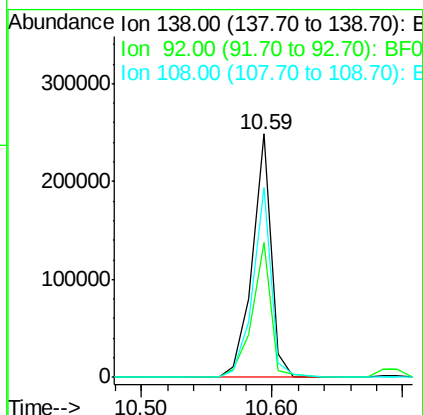
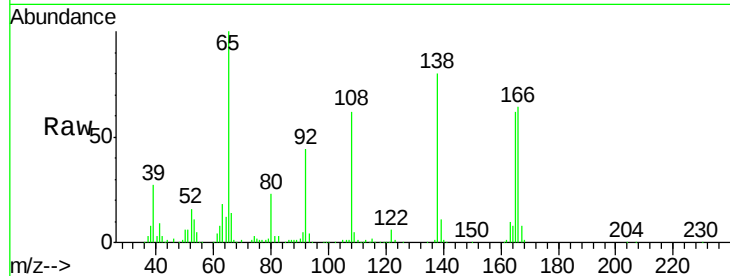




#61
4-Nitroaniline
Concen: 39.26 ng
RT: 10.59 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

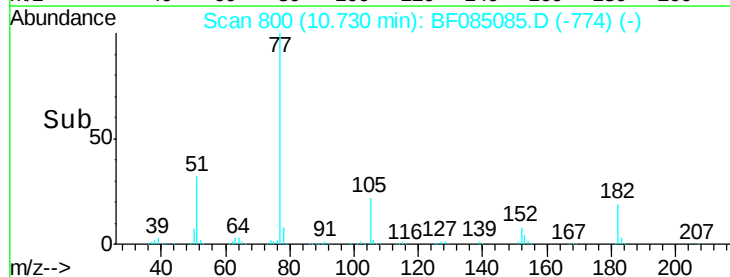
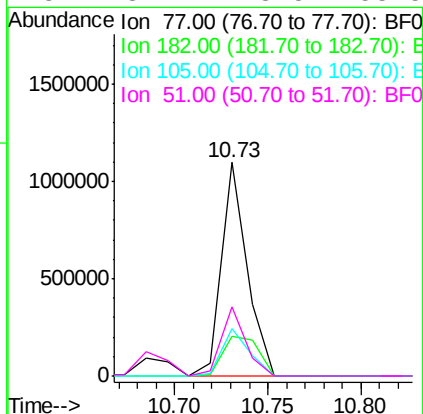
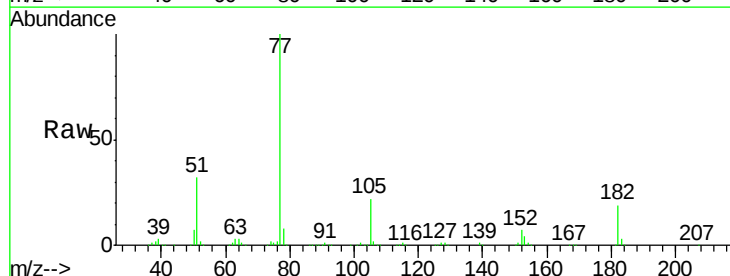
Instrument :
BNA_F
ClientSampleId :

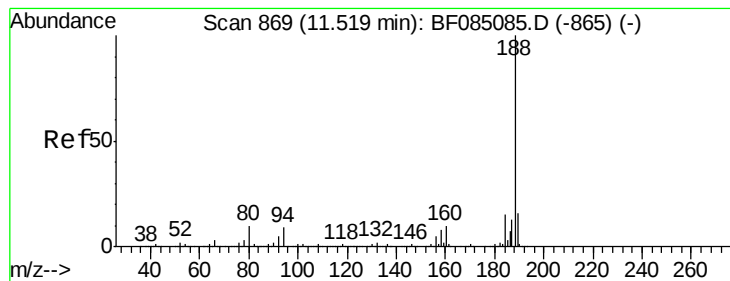
Tot Ion:138 Resp: 251584
Ion Ratio Lower Upper
138 100
92 55.5 32.6 72.6
108 77.8 54.6 94.6



#62
Azobenzene
Concen: 36.03 ng
RT: 10.73 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

Tgt Ion: 77 Resp: 1052584
Ion Ratio Lower Upper
77 100
182 18.9 1.3 41.3
105 22.2 4.2 44.2
51 32.4 13.5 53.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

Instrument :

BNA_F

ClientSampleId :

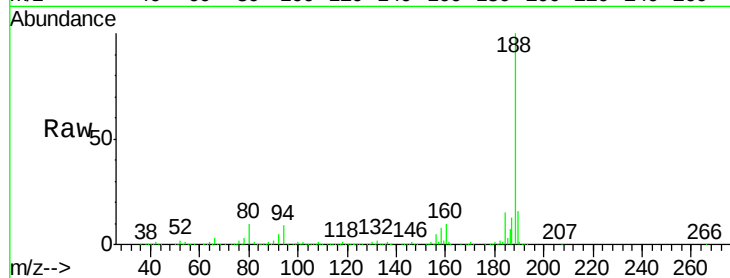
Tot Ion:188 Resp: 842196

Ion Ratio Lower Upper

188 100

94 9.1 6.2 9.2

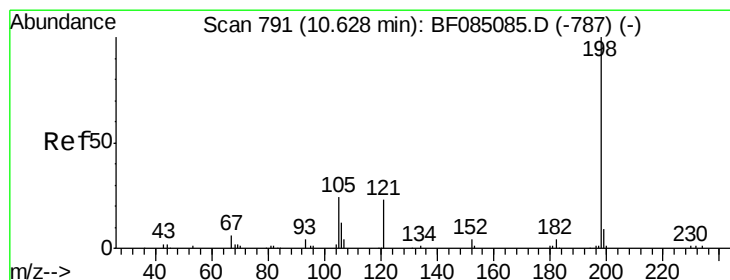
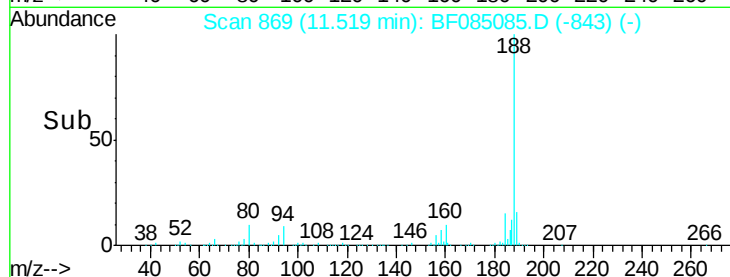
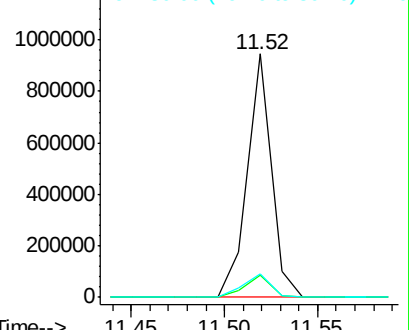
80 9.8 6.6 9.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 30.02 ng

RT: 10.63 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

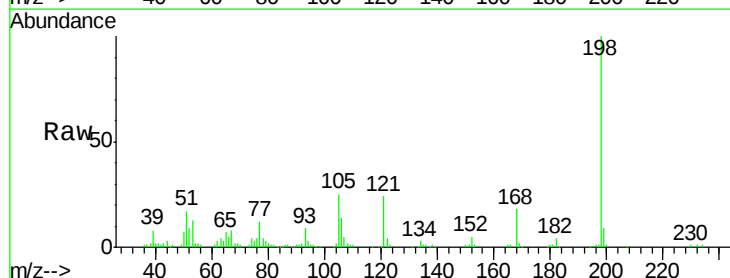
Tgt Ion:198 Resp: 134661

Ion Ratio Lower Upper

198 100

51 17.1 34.5 74.5#

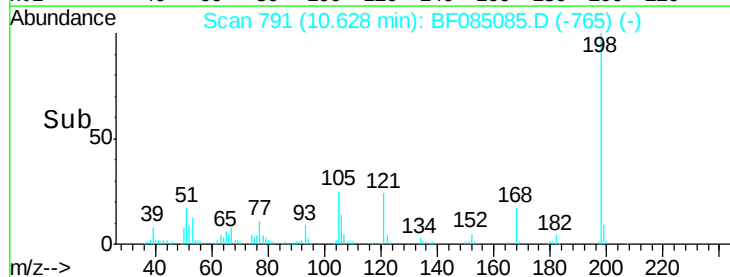
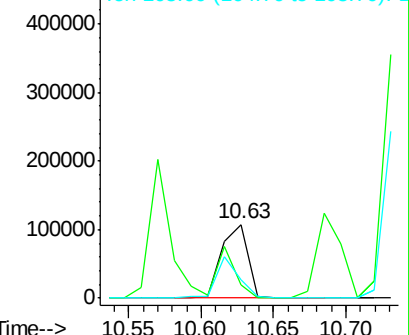
105 25.0 26.2 66.2#

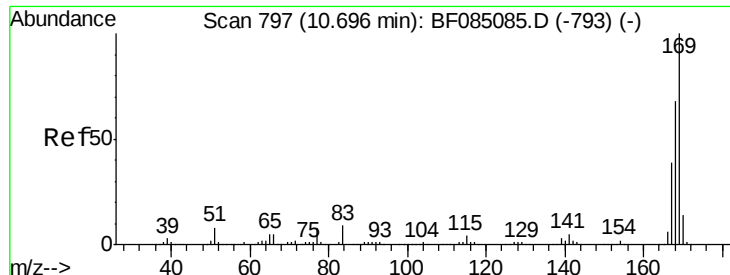


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

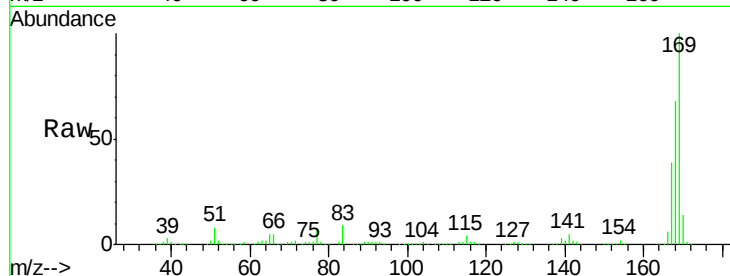




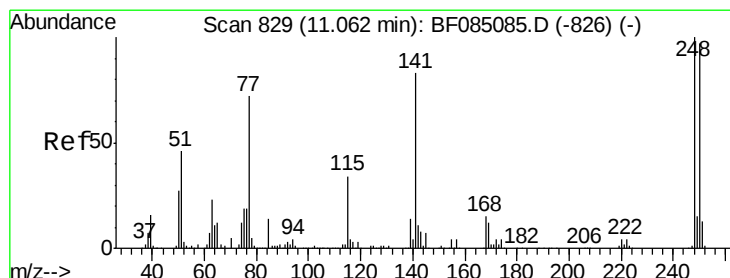
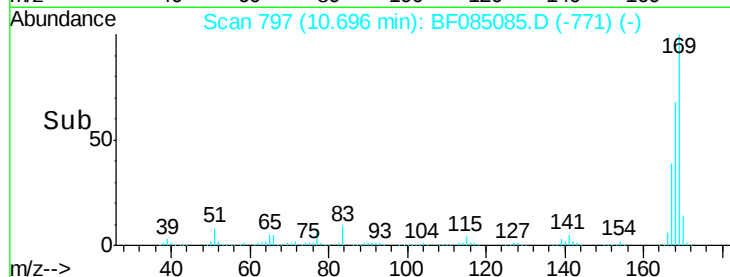
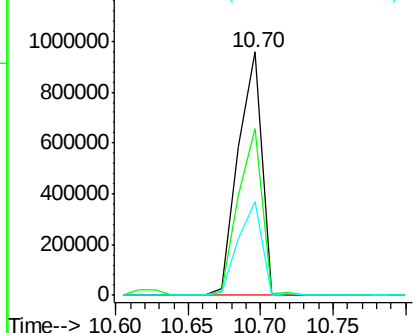
#65
 n-Nitrosodiphenylamine
 Concen: 40.56 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF085085.D
 Acq: 17 Feb 2016 13:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 1084564
 Ion Ratio Lower Upper
 169 100
 168 68.4 54.8 82.2
 167 38.6 29.8 44.8

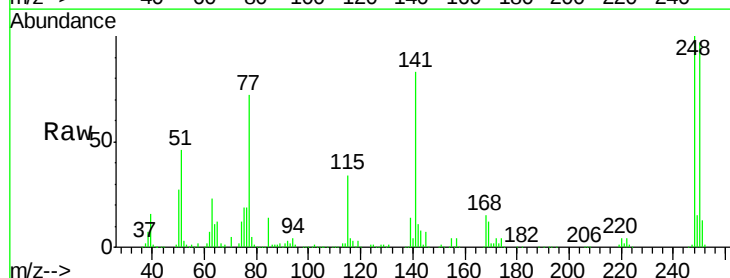


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

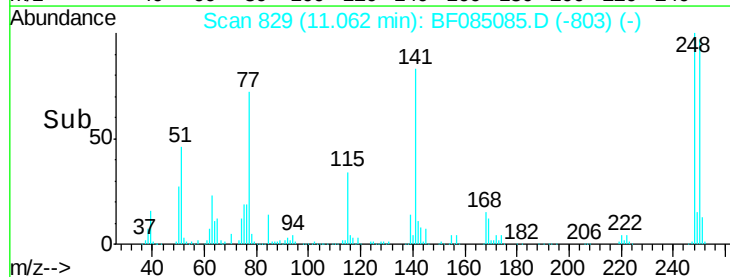
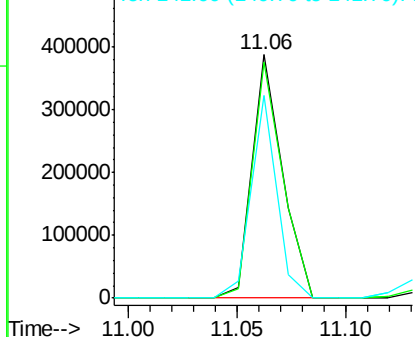


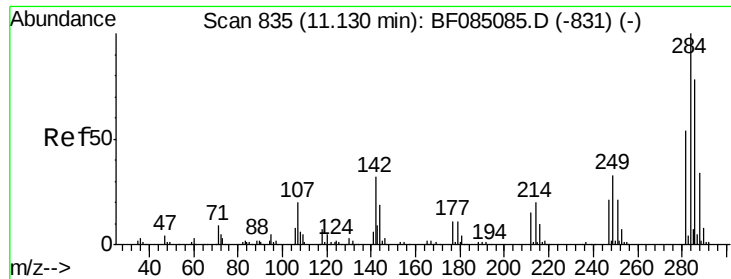
#66
 4-Bromophenyl-phenylether
 Concen: 40.02 ng
 RT: 11.06 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF085085.D
 Acq: 17 Feb 2016 13:43

Tgt Ion:248 Resp: 375392
 Ion Ratio Lower Upper
 248 100
 250 96.7 77.5 116.3
 141 83.4 58.2 87.4



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

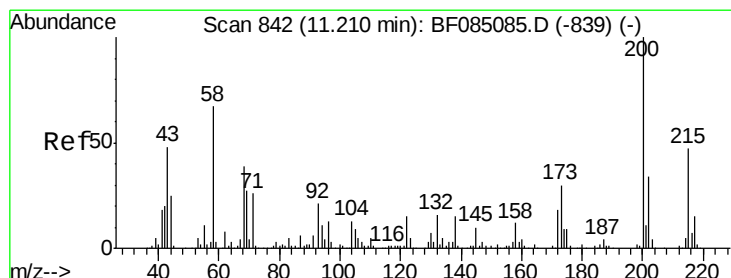
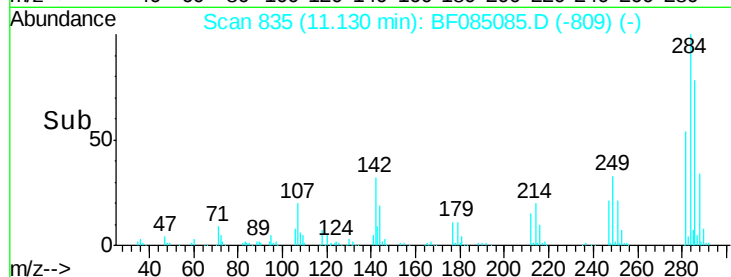
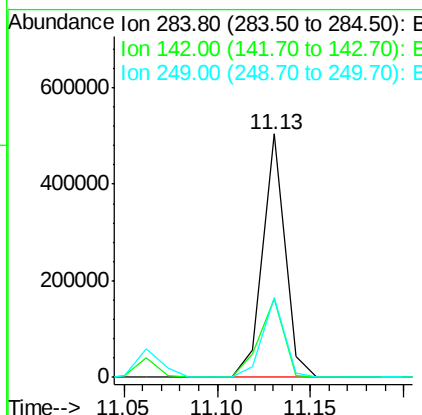
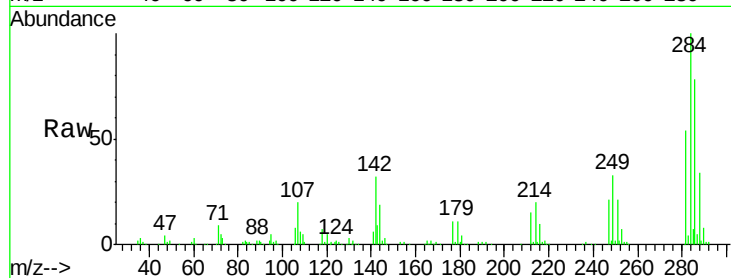




#67
Hexachlorobenzene
Concen: 41.43 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

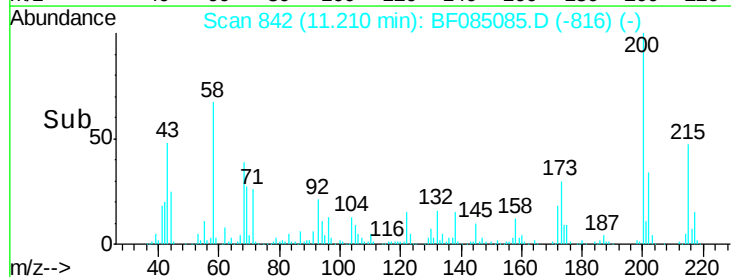
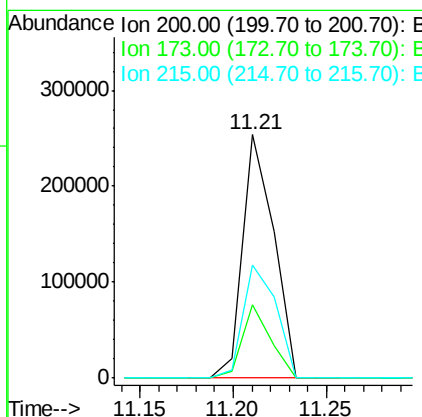
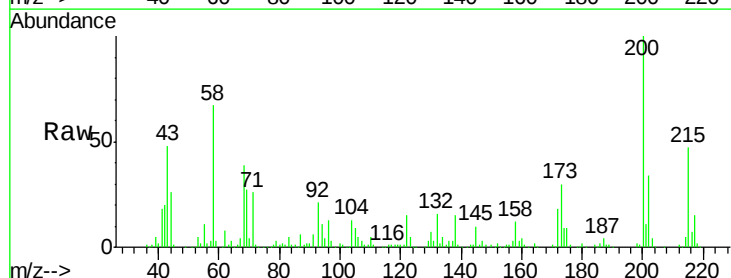
Instrument :
BNA_F
ClientSampleId :

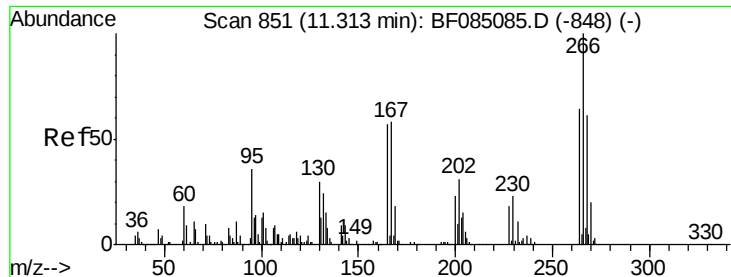
Tot Ion:284 Resp: 415600
Ion Ratio Lower Upper
284 100
142 32.3 33.5 50.3#
249 32.8 27.4 41.2



#68
Atrazine
Concen: 37.87 ng
RT: 11.21 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

Tgt Ion:200 Resp: 293472
Ion Ratio Lower Upper
200 100
173 30.0 4.7 44.7
215 46.6 24.8 64.8

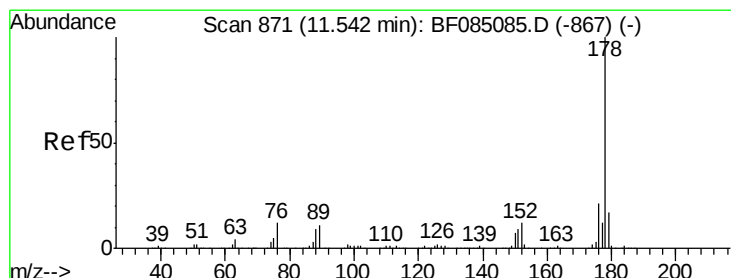
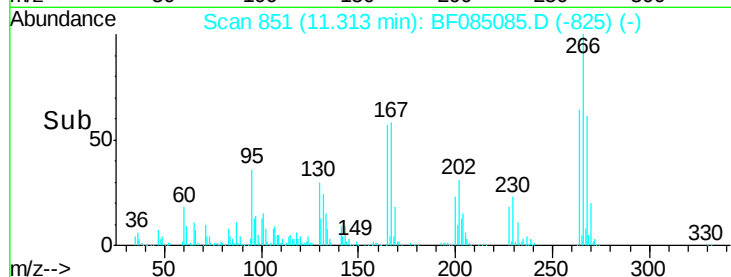
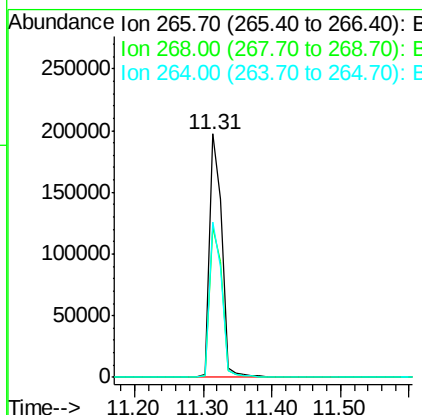
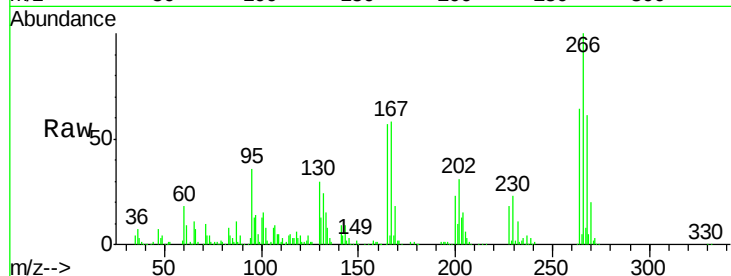




#69
 Pentachlorophenol
 Concen: 64.76 ng
 RT: 11.31 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF085085.D
 Acq: 17 Feb 2016 13:43

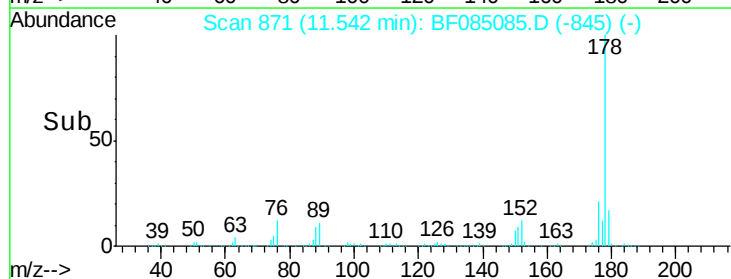
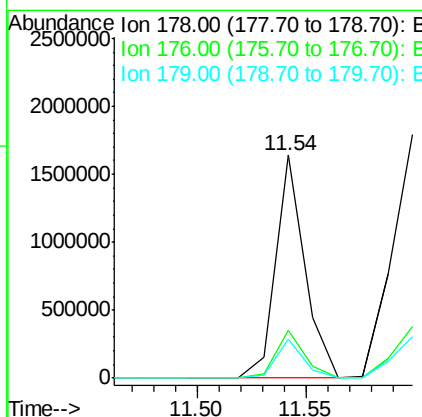
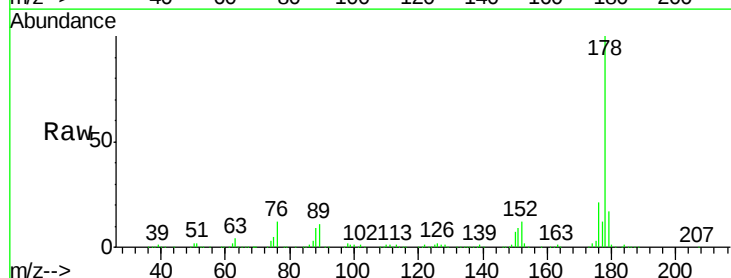
Instrument :
 BNA_F
 ClientSampled :

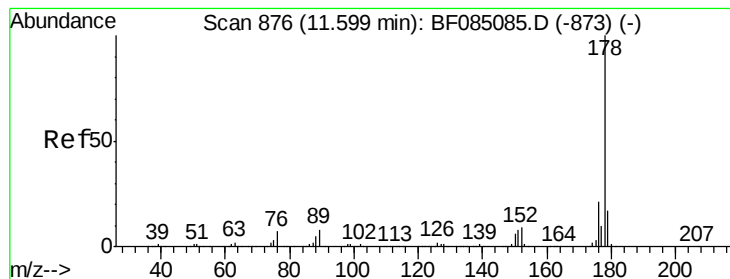
Tot Ion:266 Resp: 249730
 Ion Ratio Lower Upper
 266 100
 268 61.4 47.3 70.9
 264 64.0 49.8 74.6



#70
 Phenanthrene
 Concen: 33.08 ng
 RT: 11.54 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF085085.D
 Acq: 17 Feb 2016 13:43

Tgt Ion:178 Resp: 1536244
 Ion Ratio Lower Upper
 178 100
 176 21.4 15.9 23.9
 179 17.1 13.1 19.7





#71

Anthracene

Concen: 36.69 ng

RT: 11.60 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

Instrument :

BNA_F

ClientSampleId :

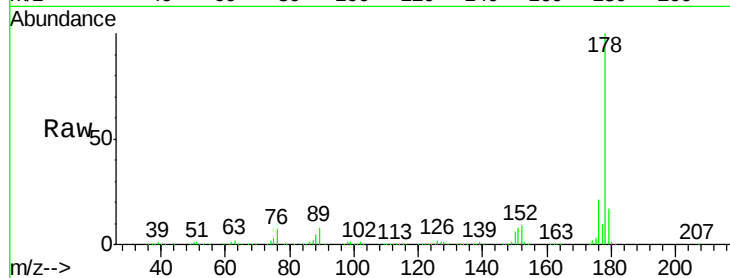
Tot Ion:178 Resp: 1780243

Ion Ratio Lower Upper

178 100

176 21.2 14.8 22.2

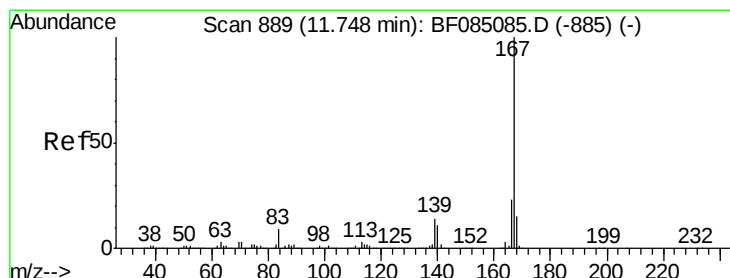
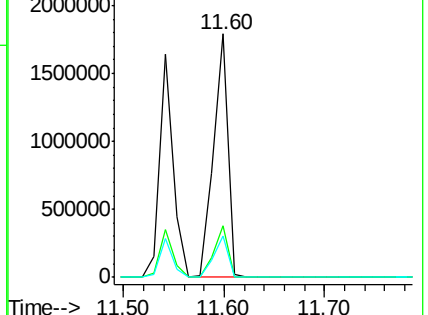
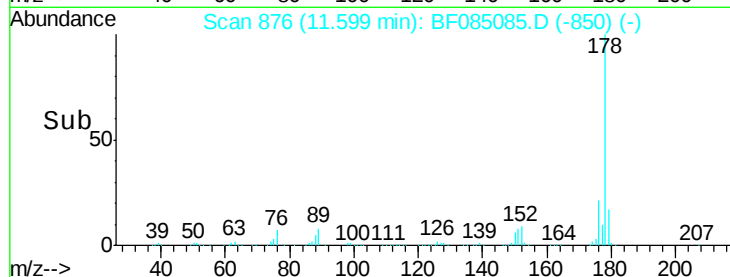
179 16.9 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.04 ng

RT: 11.75 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

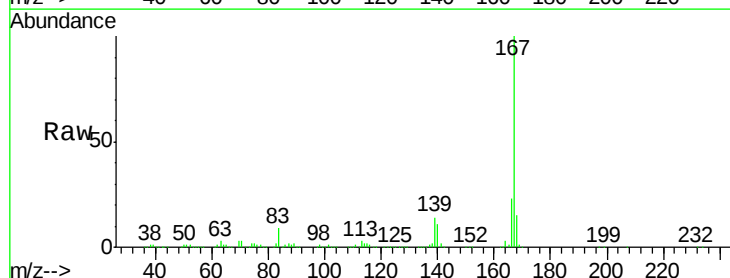
Tgt Ion:167 Resp: 1649158

Ion Ratio Lower Upper

167 100

166 23.3 17.4 26.0

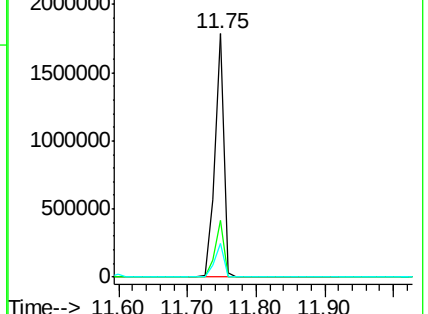
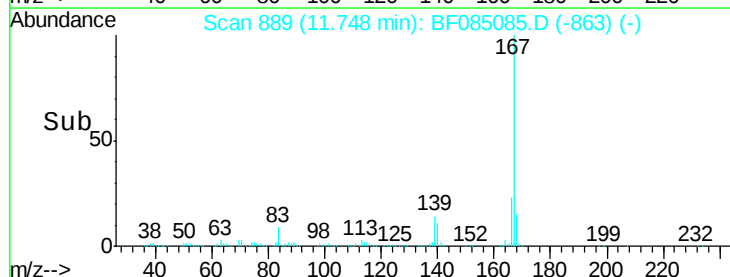
139 13.8 11.0 16.6

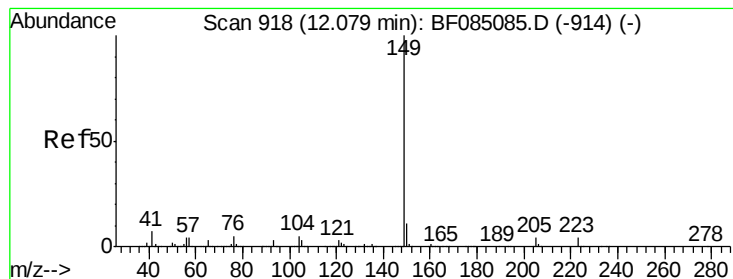


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 35.84 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

Instrument :

BNA_F

ClientSampleId :

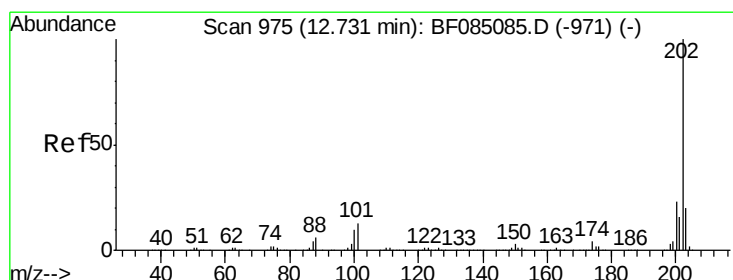
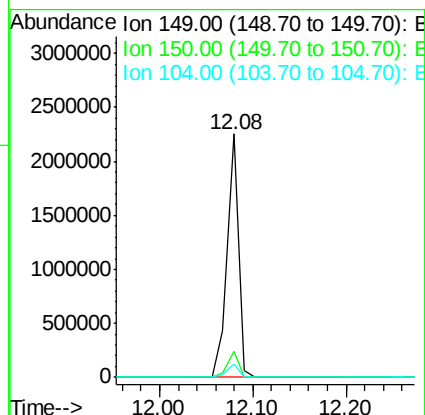
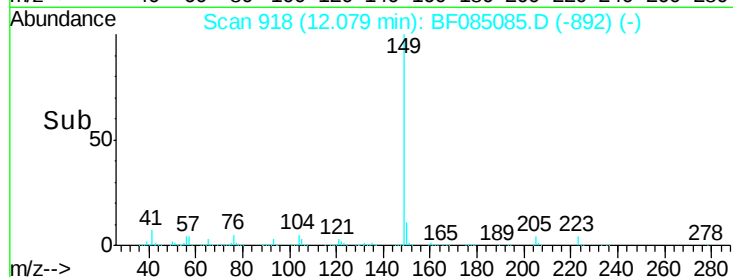
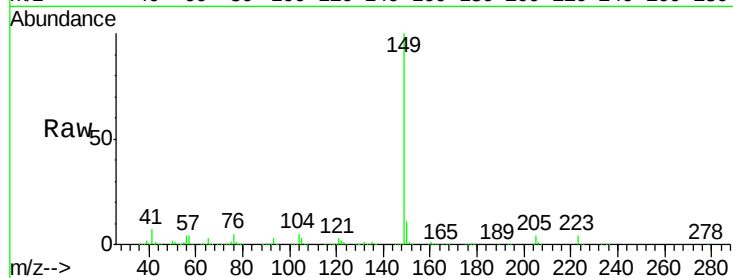
Tot Ion:149 Resp: 1890311

Ion Ratio Lower Upper

149 100

150 10.7 7.5 11.3

104 5.5 4.2 6.2



#74

Fluoranthene

Concen: 38.34 ng

RT: 12.73 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

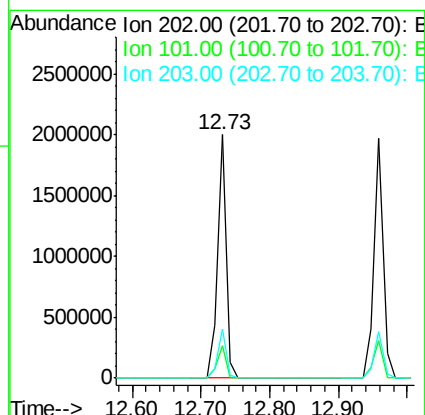
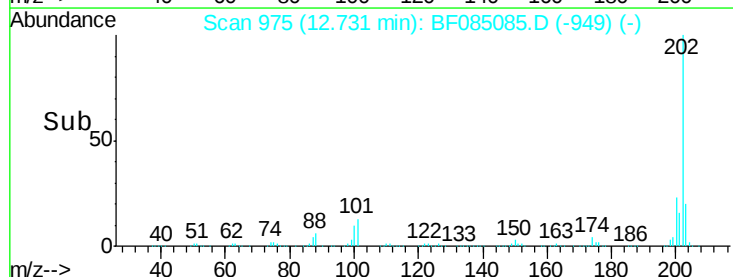
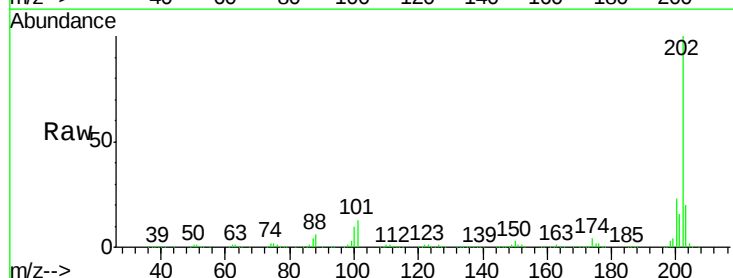
Tgt Ion:202 Resp: 1773789

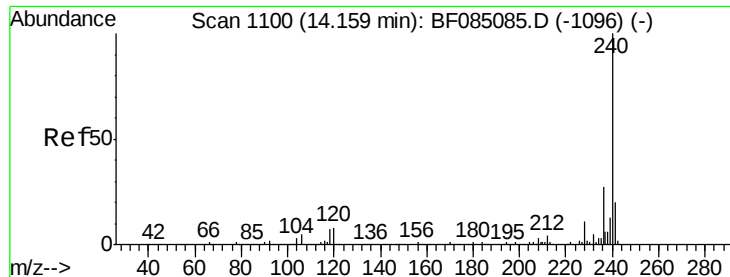
Ion Ratio Lower Upper

202 100

101 13.1 0.0 29.8

203 19.9 0.0 37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

Instrument :

BNA_F

ClientSampleId :

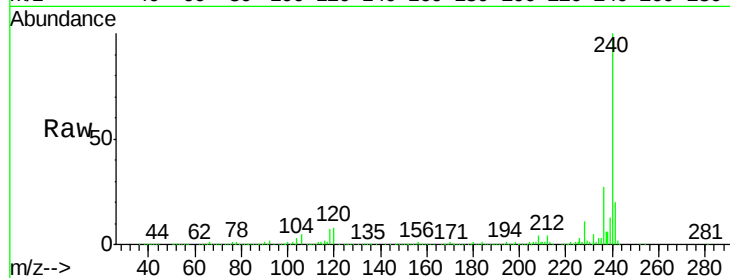
Tot Ion:240 Resp: 794042

Ion Ratio Lower Upper

240 100

120 7.7 7.0 10.6

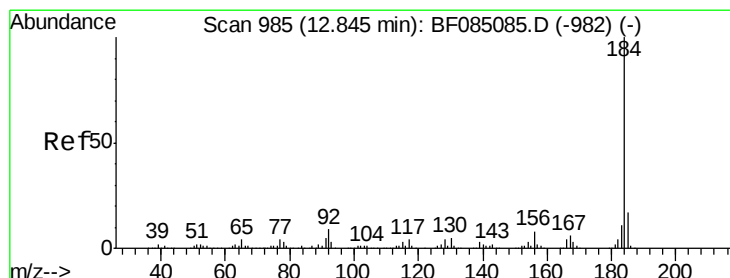
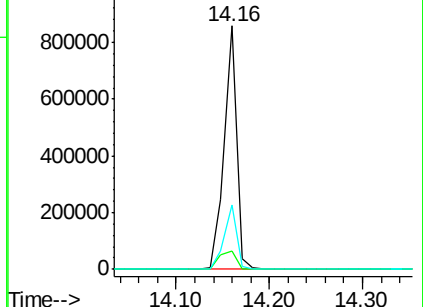
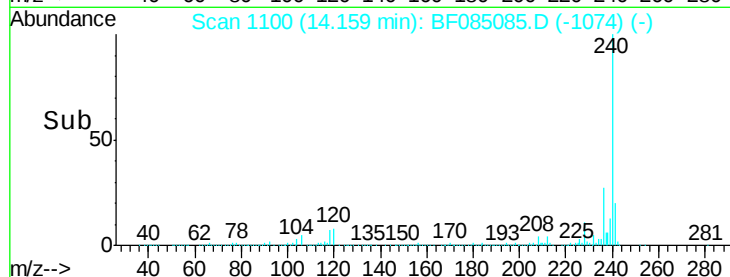
236 26.6 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 64.93 ng

RT: 12.84 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

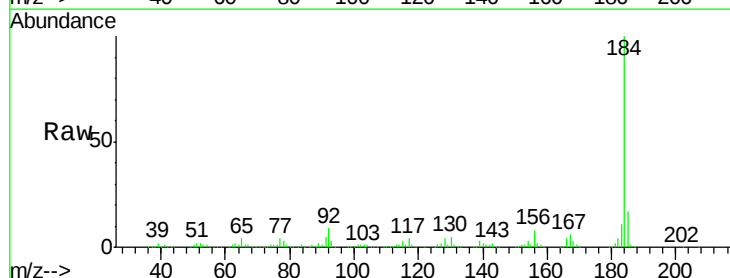
Tgt Ion:184 Resp: 907860

Ion Ratio Lower Upper

184 100

185 17.0 11.8 17.8

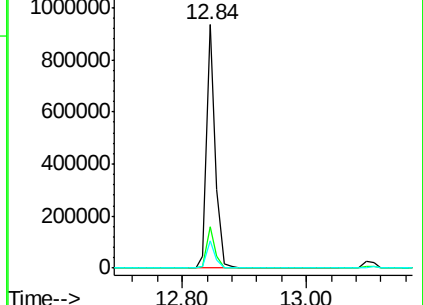
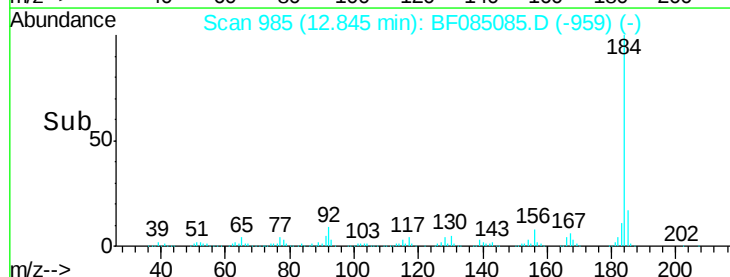
183 11.3 8.6 12.8

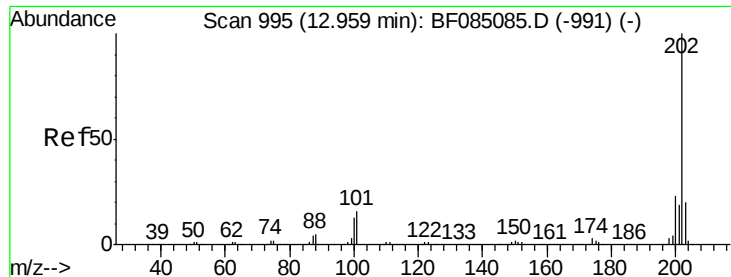


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

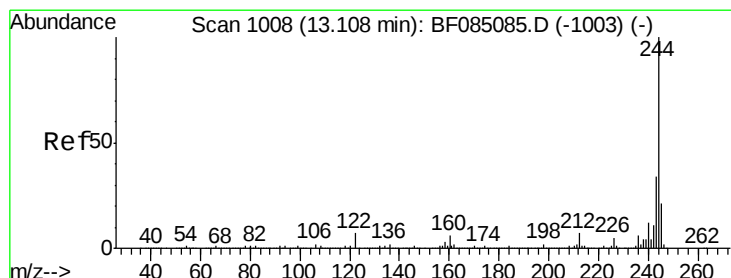
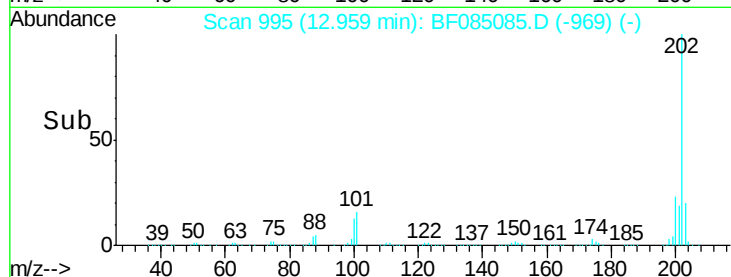
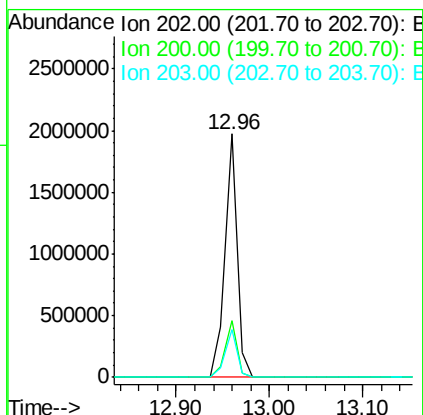
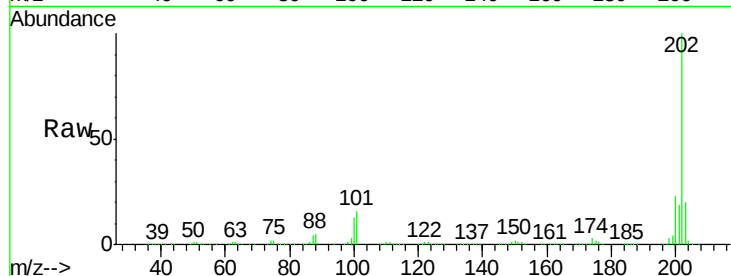




#77
Pvrene
Concen: 28.13 ng
RT: 12.96 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

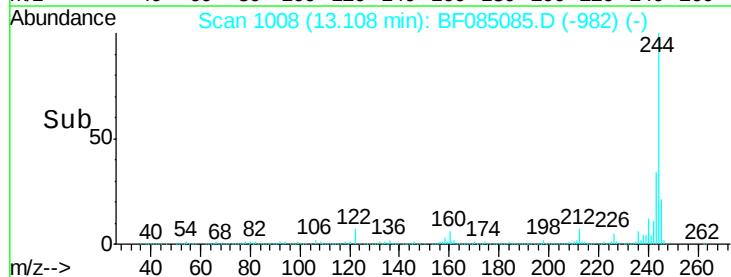
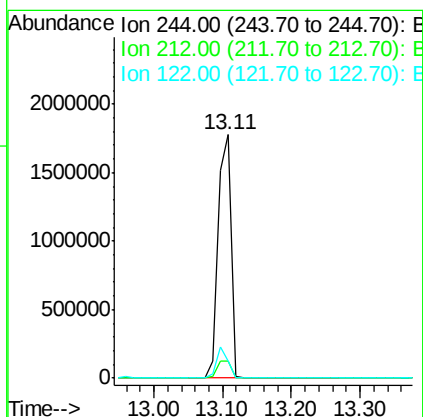
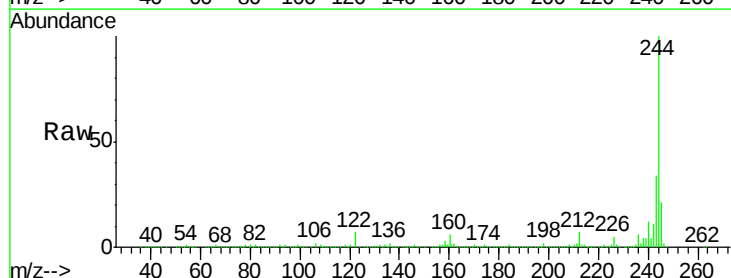
Instrument :
BNA_F
ClientSampleId :

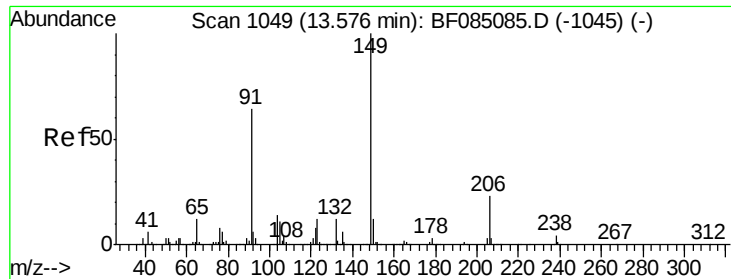
Tot Ion:202 Resp: 1786587
Ion Ratio Lower Upper
202 100
200 23.5 17.0 25.4
203 19.6 14.2 21.4



#78
Terphenyl-d14
Concen: 61.29 ng
RT: 13.11 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

Tgt Ion:244 Resp: 2364484
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 6.9 10.1 15.1#

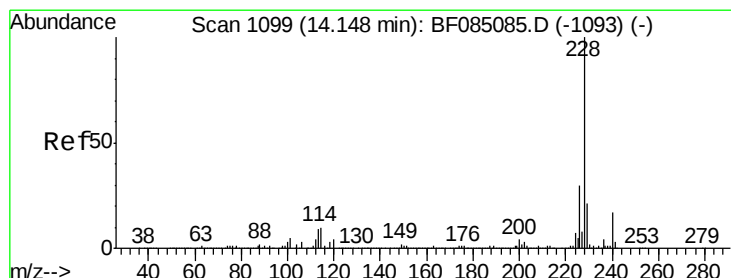
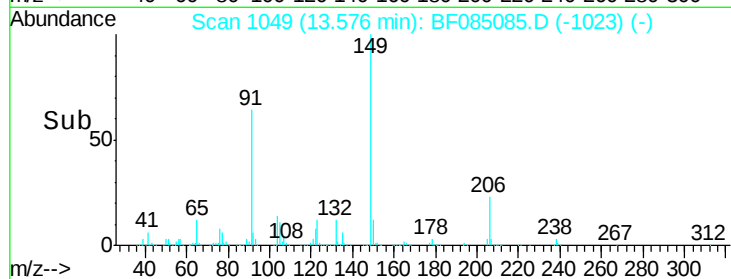
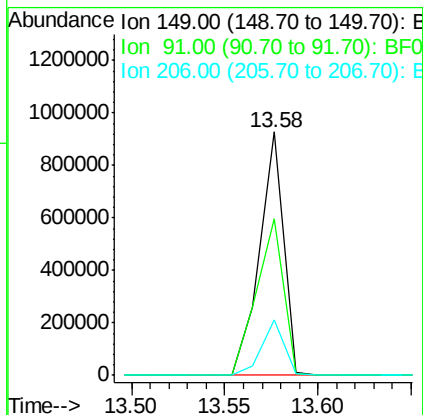
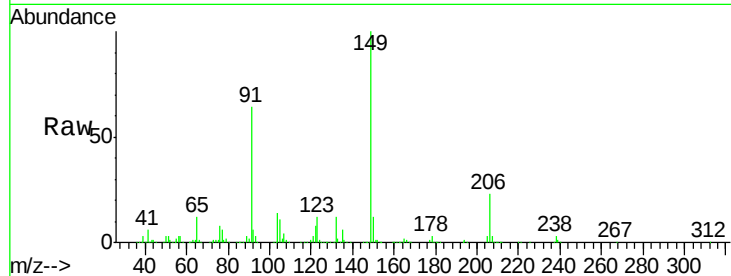




#79
Butylbenzylphthalate
Concen: 30.92 ng
RT: 13.58 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

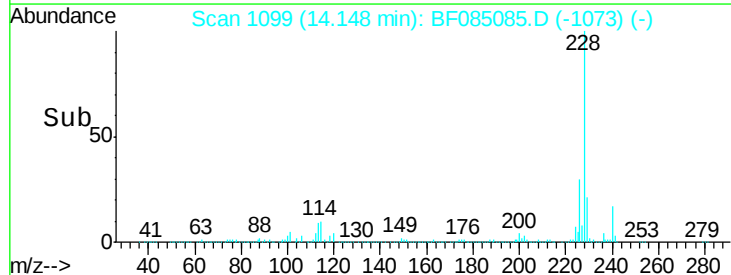
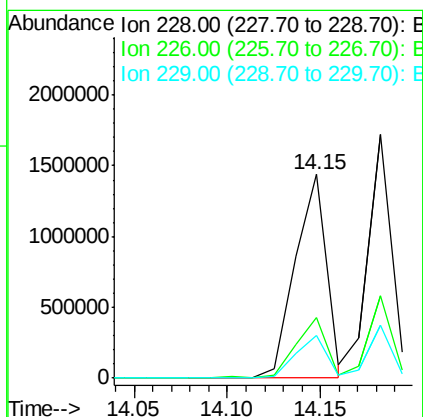
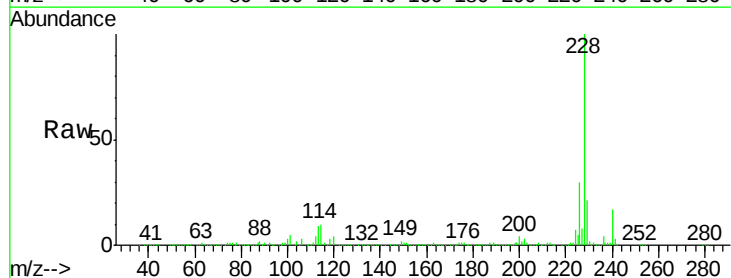
Instrument :
BNA_F
ClientSampleId :

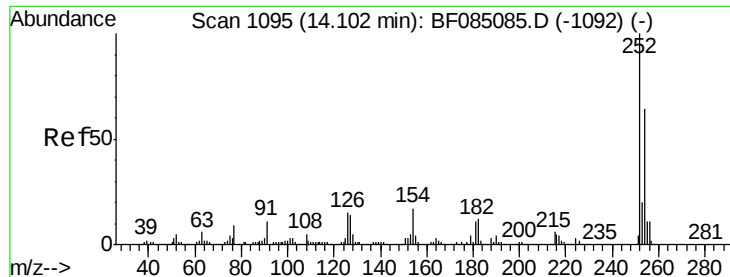
Tot Ion:149 Resp: 825858
Ion Ratio Lower Upper
149 100
91 64.4 57.8 86.8
206 22.6 13.8 20.8#



#80
Benzo(a)anthracene
Concen: 36.68 ng
RT: 14.15 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

Tgt Ion:228 Resp: 1686259
Ion Ratio Lower Upper
228 100
226 29.7 21.8 32.6
229 21.2 15.8 23.8

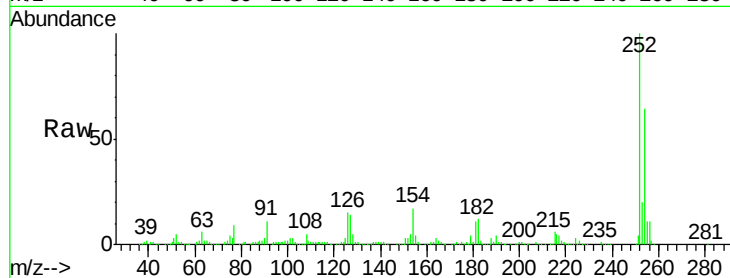




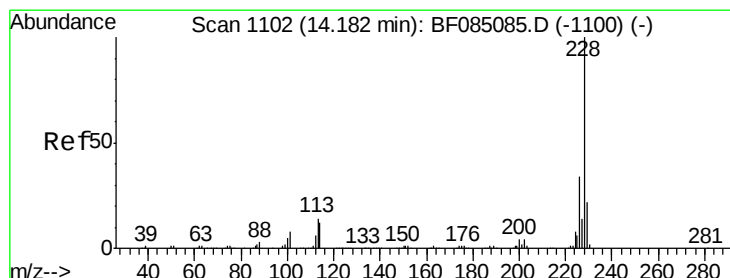
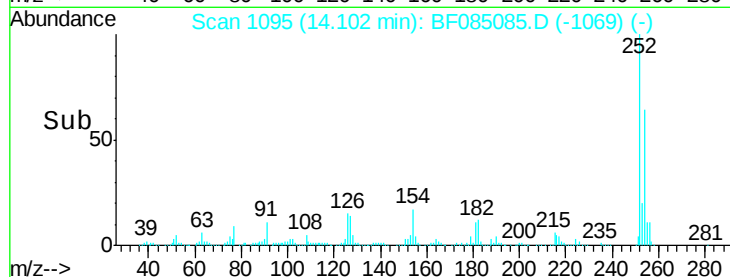
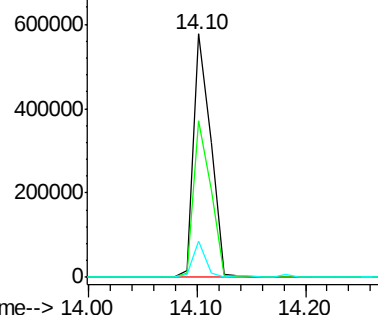
#81
 3,3'-Dichlorobenzidine
 Concen: 47.64 ng
 RT: 14.10 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF085085.D
 Acq: 17 Feb 2016 13:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.9	79.3
126	14.8	10.6	16.0

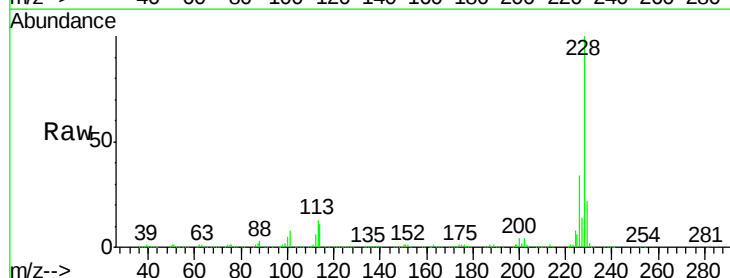


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

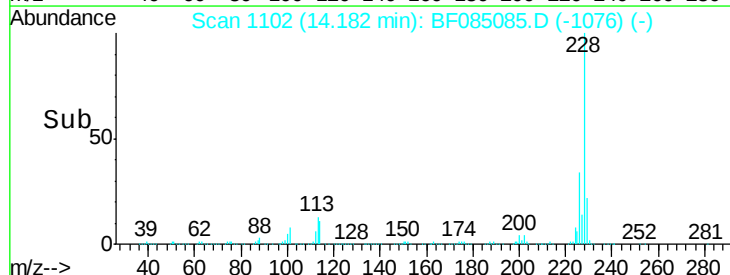
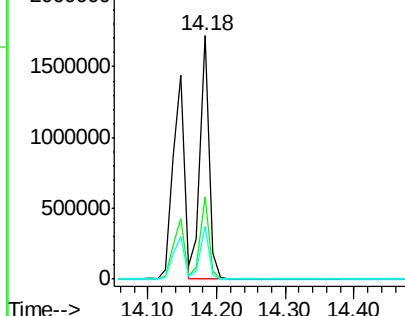


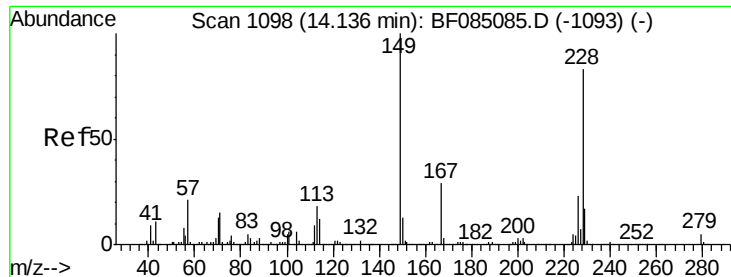
#82
 Chrysene
 Concen: 34.23 ng
 RT: 14.18 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF085085.D
 Acq: 17 Feb 2016 13:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.9	24.3	36.5
229	21.7	16.1	24.1



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

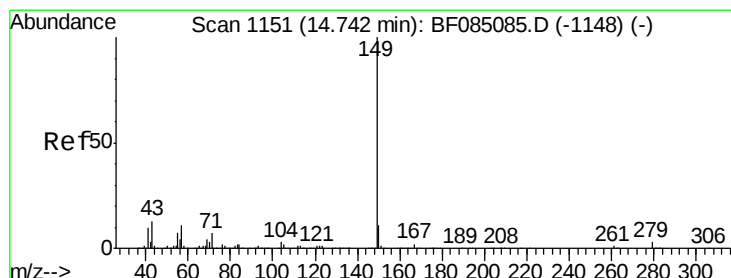
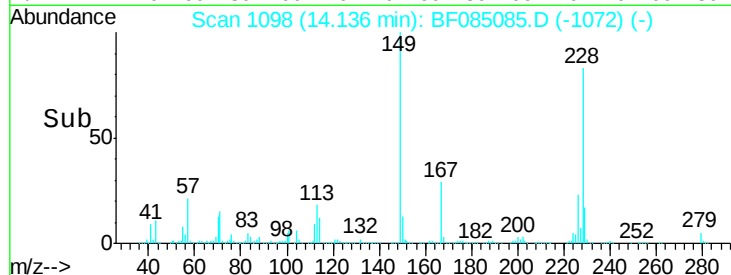
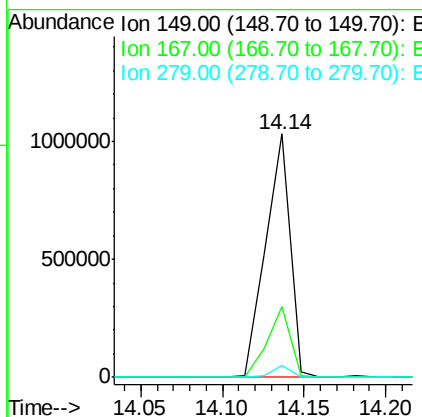
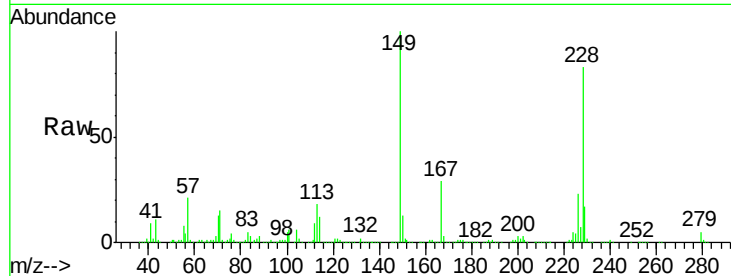




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.96 ng
 RT: 14.14 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BF085085.D
 Acq: 17 Feb 2016 13:43

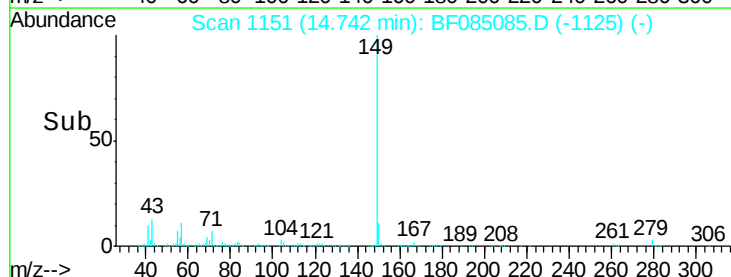
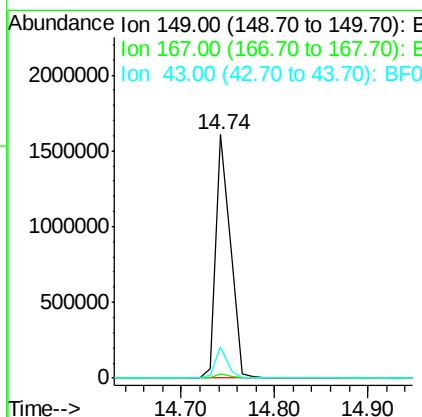
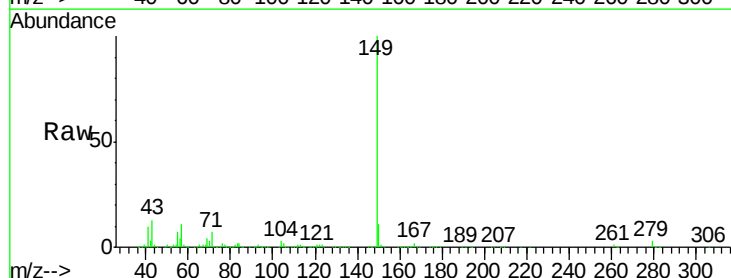
Instrument :
 BNA_F
 ClientSampleId :

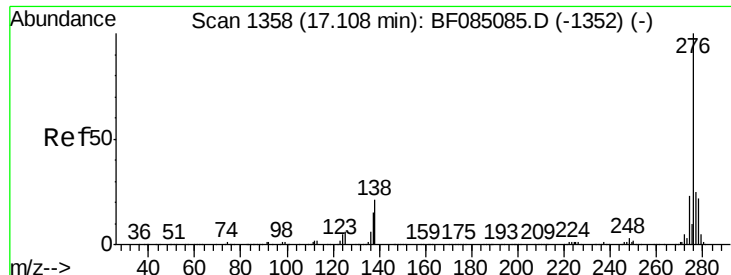
Tot Ion:149 Resp: 1087406
 Ion Ratio Lower Upper
 149 100
 167 29.3 21.0 31.6
 279 4.6 2.4 3.6#



#84
 Di-n-octyl phthalate
 Concen: 34.43 ng
 RT: 14.74 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF085085.D
 Acq: 17 Feb 2016 13:43

Tgt Ion:149 Resp: 1717805
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.0 9.0 13.6

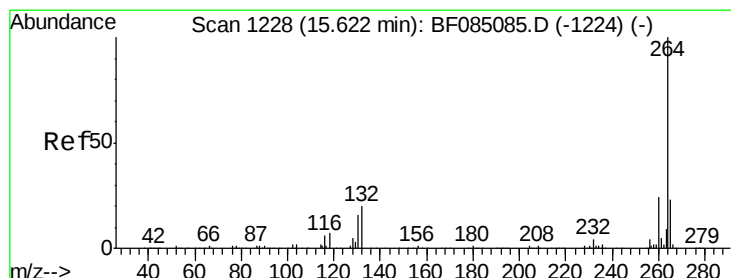
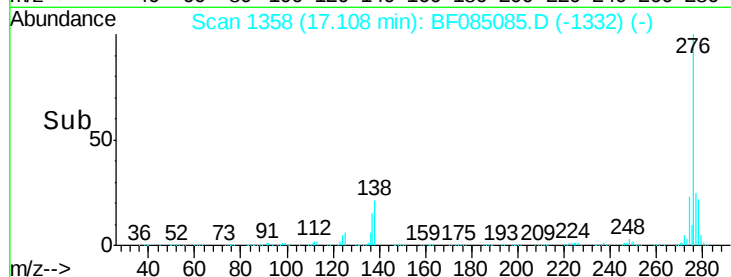
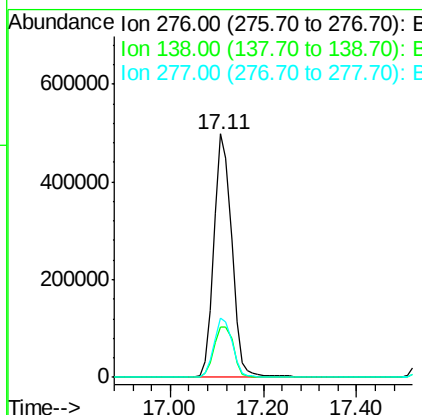
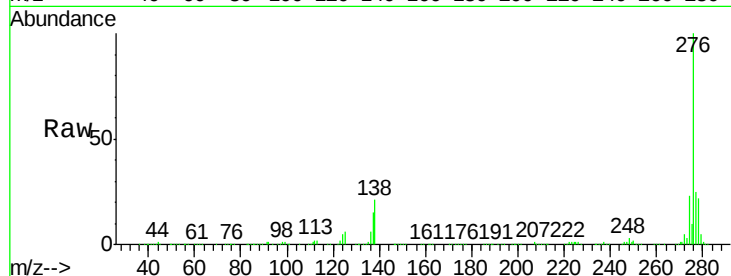




#85
Indeno(1,2,3-cd)pyrene
Concen: 35.86 ng
RT: 17.11 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

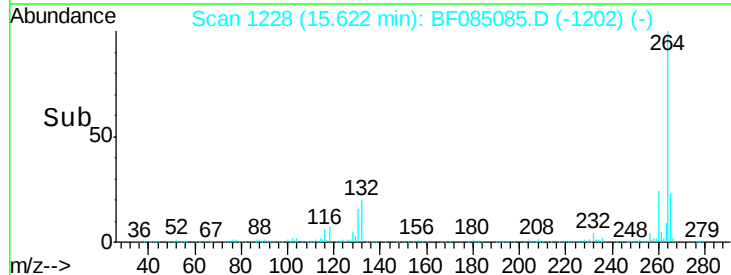
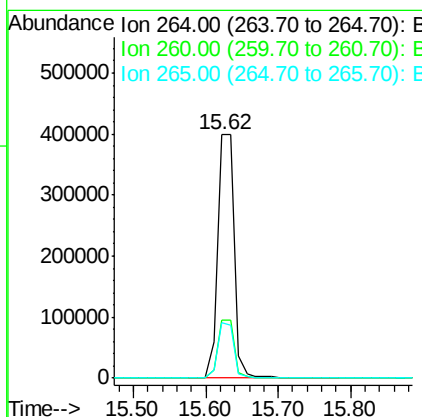
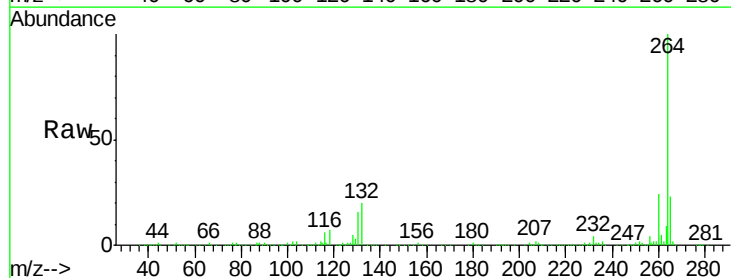
Instrument :
BNA_F
ClientSampleId :

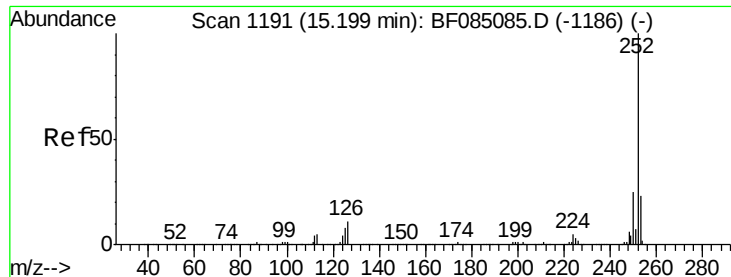
Tot Ion:276 Resp: 1328409
Ion Ratio Lower Upper
276 100
138 23.3 19.0 28.4
277 25.2 20.0 30.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

Tgt Ion:264 Resp: 628745
Ion Ratio Lower Upper
264 100
260 23.9 18.5 27.7
265 22.6 16.7 25.1

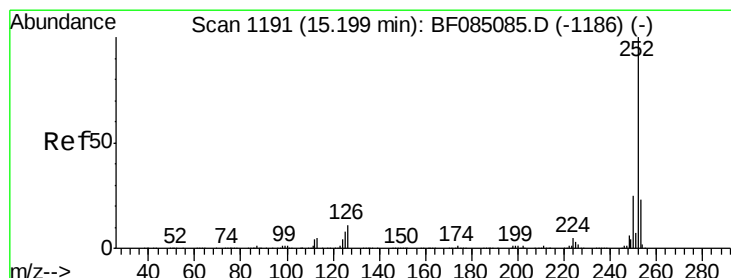
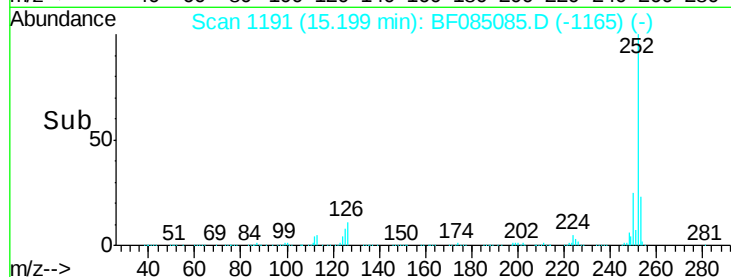
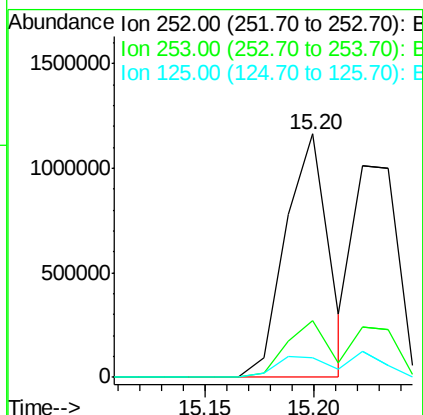
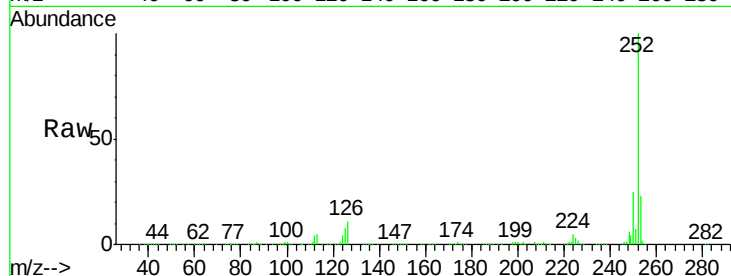




#87
Benzo(b)fluoranthene
Concen: 38.94 ng
RT: 15.20 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

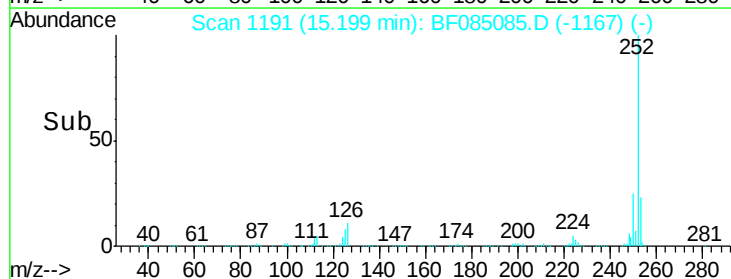
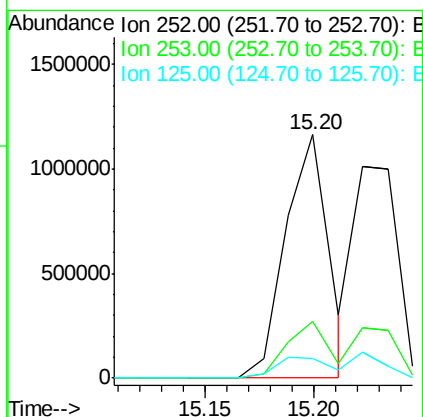
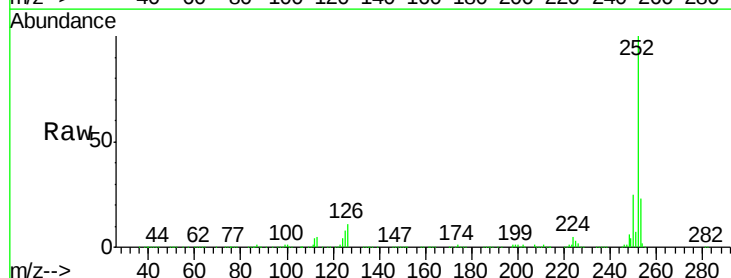
Instrument :
BNA_F
ClientSampleId :

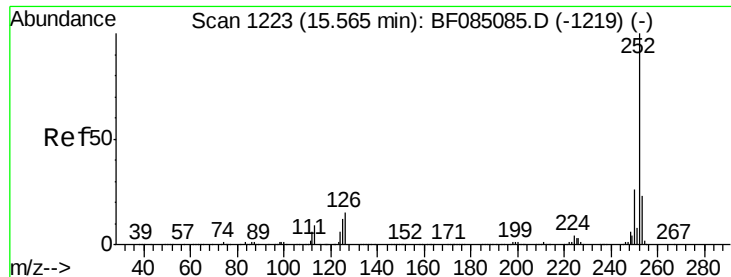
Tot Ion:252 Resp: 1604992
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 8.1 5.4 8.2



#88
Benzo(k)fluoranthene
Concen: 48.74 ng
RT: 15.20 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

Tgt Ion:252 Resp: 1604992
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 8.1 7.2 10.8

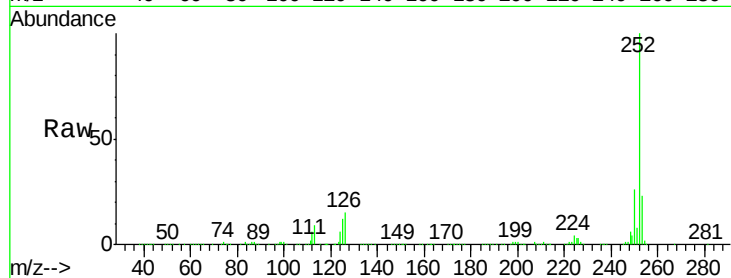




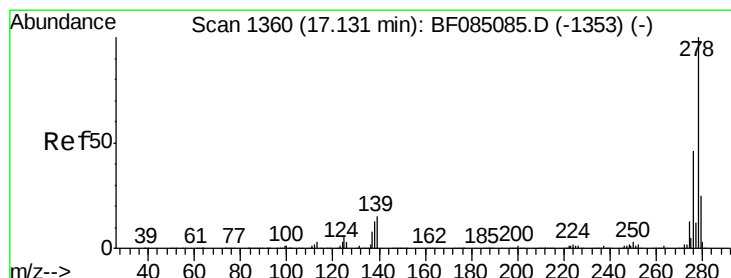
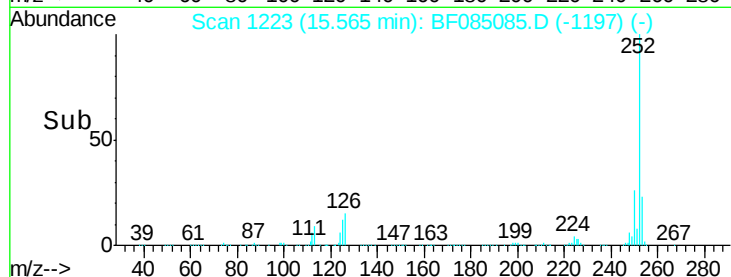
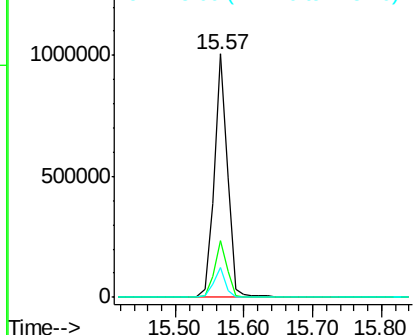
#89
Benzo(a)pyrene
Concen: 39.46 ng
RT: 15.57 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1375613
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 12.0 6.1 9.1#

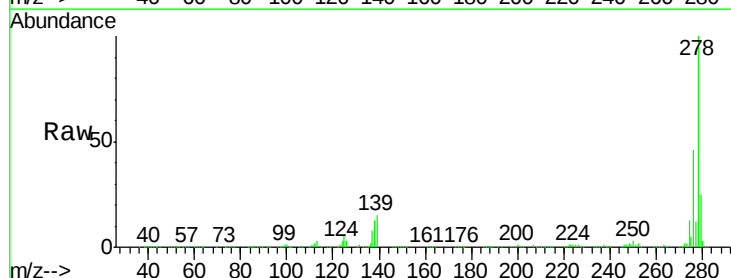


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

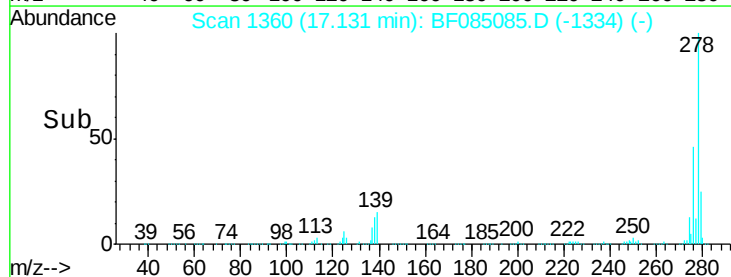
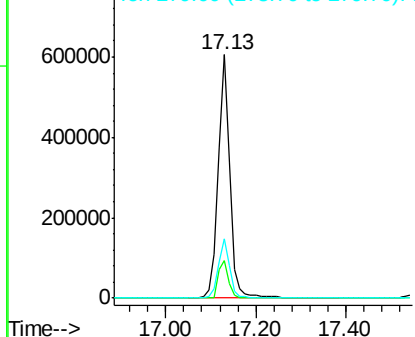


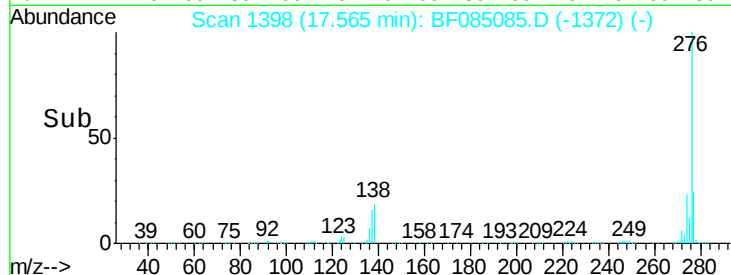
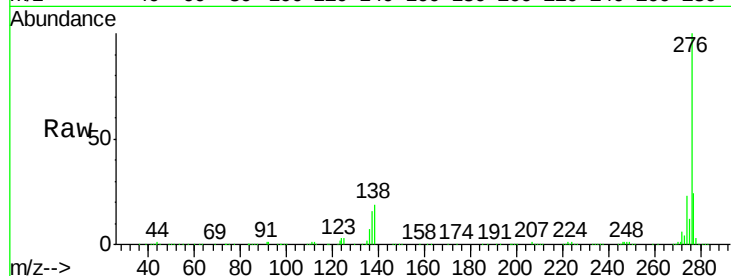
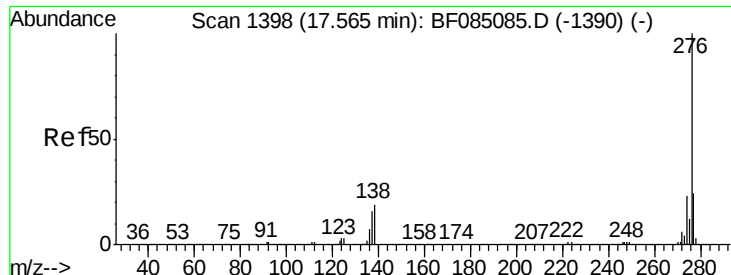
#90
Dibenzo(a,h)anthracene
Concen: 33.18 ng
RT: 17.13 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF085085.D
Acq: 17 Feb 2016 13:43

Tgt Ion:278 Resp: 1097942
Ion Ratio Lower Upper
278 100
139 15.4 13.3 19.9
279 24.6 18.6 27.8



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: 30.63 ng

RT: 17.57 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF085085.D

Acq: 17 Feb 2016 13:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 1052483

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 19.2 16.6 24.8

