

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
 Data File : BF085086.D
 Acq On : 17 Feb 2016 14:13
 Operator : SJ/IZ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 17 15:12:55 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	207651	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	832140	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	378559	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	795566	20.00	ng	0.00
75) Chrysene-d12	14.16	240	802063	20.00	ng	0.00
86) Perylene-d12	15.63	264	642296	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1249908	105.25	ng	0.01
7) Phenol-d6	6.62	99	1505532	95.12	ng	0.00
23) Nitrobenzene-d5	7.56	82	1424559	101.09	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	405755	103.77	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	2278832	86.05	ng	0.00
78) Terphenyl-d14	13.11	244	2607165	66.90	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	291537	59.59	ng	90
3) Pyridine	3.47	79	706944	61.85	ng	89
4) n-Nitrosodimethylamine	3.43	42	357848	60.85	ng	# 91
6) Aniline	6.66	93	1066734	65.23	ng	# 70
8) 2-Chlorophenol	6.78	128	669845	45.89	ng	98
9) Benzaldehyde	6.55	77	386854	45.38	ng	98
10) Phenol	6.63	94	912931	49.31	ng	# 46
11) bis(2-Chloroethyl)ether	6.73	93	698108	40.17	ng	91
12) 1,3-Dichlorobenzene	6.94	146	722190	49.75	ng	96
13) 1,4-Dichlorobenzene	7.02	146	791318	48.99	ng	98
14) 1,2-Dichlorobenzene	7.16	146	653039	43.01	ng	95
15) Benzyl Alcohol	7.13	79	531854	54.99	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1074587	44.07	ng	94
17) 2-Methylphenol	7.24	107	580046	54.88	ng	# 83
18) Hexachloroethane	7.52	117	279473	46.95	ng	# 83
19) n-Nitroso-di-n-propylamine	7.42	70	541696	54.33	ng	87
20) 3+4-Methylphenols	7.39	107	664398	49.79	ng	93
22) Acetophenone	7.40	105	925513	43.40	ng	# 93
24) Nitrobenzene	7.58	77	668843	43.44	ng	93
25) Isophorone	7.82	82	1357970	53.72	ng	99
26) 2-Nitrophenol	7.90	139	328845	44.56	ng	97
27) 2,4-Dimethylphenol	7.93	122	695562	58.25	ng	94
28) bis(2-Chloroethoxy)methane	8.03	93	801636	51.09	ng	# 96
29) 2,4-Dichlorophenol	8.14	162	606758	55.90	ng	94
30) 1,2,4-Trichlorobenzene	8.23	180	654633	52.33	ng	97
31) Naphthalene	8.31	128	1948073	48.29	ng	96
32) Benzoic acid	8.06	122	499618	95.06	ng	95
33) 4-Chloroaniline	8.34	127	806014	52.67	ng	95
34) Hexachlorobutadiene	8.42	225	377197	53.84	ng	97
35) Caprolactam	8.73	113	194792	66.76	ng	# 76
36) 4-Chloro-3-methylphenol	8.82	107	618769	50.28	ng	96
37) 2-Methylnaphthalene	8.99	142	1204274	46.79	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	684678	55.98	ng	97
40) Hexachlorocyclopentadiene	9.15	237	383223	94.20	ng	97

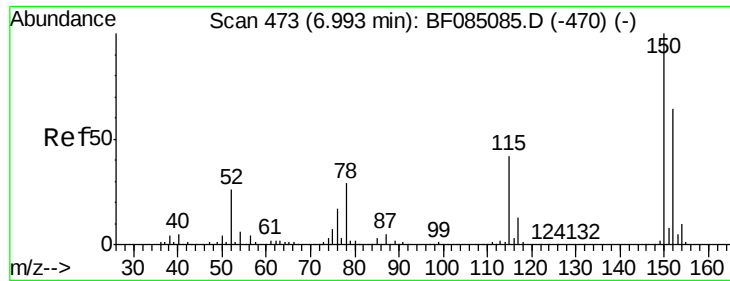
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
 Data File : BF085086.D
 Acq On : 17 Feb 2016 14:13
 Operator : SJ/IZ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 17 15:12:55 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)
42) 2,4,6-Trichlorophenol	9.27	196	493368	73.15	nq	94
43) 2,4,5-Trichlorophenol	9.30	196	398212	50.74	nq	92
45) 1,1'-Biphenyl	9.46	154	1691052	49.11	nq	95
46) 2-Chloronaphthalene	9.48	162	1219492	49.98	nq	98
47) 2-Nitroaniline	9.58	65	387552	51.45	nq	93
48) Acenaphthylene	9.90	152	1871427	48.31	nq	97
49) Dimethylphthalate	9.76	163	1416002	49.89	nq	# 96
50) 2,6-Dinitrotoluene	9.82	165	307923	52.88	nq	93
51) Acenaphthene	10.07	154	1162990	49.65	nq	98
52) 3-Nitroaniline	9.99	138	381356	58.95	nq	96
53) 2,4-Dinitrophenol	10.09	184	107514	55.76	nq	# 53
54) Dibenzofuran	10.24	168	1501164	47.91	nq	99
55) 4-Nitrophenol	10.12	139	264855	63.81	nq	88
56) 2,4-Dinitrotoluene	10.22	165	377601	47.60	nq	# 87
57) Fluorene	10.58	166	1215515	45.24	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	353238	56.91	nq	97
59) Diethylphthalate	10.46	149	1434375	51.00	nq	95
60) 4-Chlorophenyl-phenylether	10.58	204	656065	50.95	nq	# 81
61) 4-Nitroaniline	10.59	138	337265	56.74	nq	99
62) Azobenzene	10.73	77	1406872	51.92	nq	96
64) 4,6-Dinitro-2-methylphenol	10.63	198	209033	49.34	nq	# 76
65) n-Nitrosodiphenylamine	10.70	169	1251054	49.53	nq	99
66) 4-Bromophenyl-phenylether	11.06	248	437452	49.36	nq	# 90
67) Hexachlorobenzene	11.13	284	450608	47.56	nq	96
68) Atrazine	11.22	200	387973	52.99	nq	93
69) Pentachlorophenol	11.32	266	310906	85.35	nq	96
70) Phenanthrene	11.54	178	1827782	41.67	nq	97
71) Anthracene	11.60	178	1938703	42.29	nq	94
72) Carbazole	11.75	167	1761747	46.41	nq	96
73) Di-n-butylphthalate	12.08	149	2050562	41.16	nq	97
74) Fluoranthene	12.73	202	1966354	44.99	nq	92
76) Benzidine	12.85	184	1021011	72.30	nq	# 95
77) Pyrene	12.96	202	1993585	31.07	nq	96
79) Butylbenzylphthalate	13.58	149	947257	35.11	nq	# 98
80) Benzo(a)anthracene	14.15	228	2004003	43.15	nq	94
81) 3,3'-Dichlorobenzidine	14.11	252	816445	60.49	nq	# 96
82) Chrysene	14.18	228	1640553	36.42	nq	95
83) Bis(2-ethylhexyl)phthalate	14.14	149	1284827	36.22	nq	# 95
84) Di-n-octyl phthalate	14.74	149	2113882	41.94	nq	99
85) Indeno(1,2,3-cd)pyrene	17.12	276	1708936	45.67	nq	99
87) Benzo(b)fluoranthene	15.20	252	1828462	43.42	nq	# 95
88) Benzo(k)fluoranthene	15.20	252	1828462	54.35	nq	96
89) Benzo(a)pyrene	15.58	252	1783924	50.10	nq	98
90) Dibenzo(a,h)anthracene	17.14	278	1409095	41.69	nq	96
91) Benzo(g,h,i)perylene	17.58	276	1334817	38.03	nq	96

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

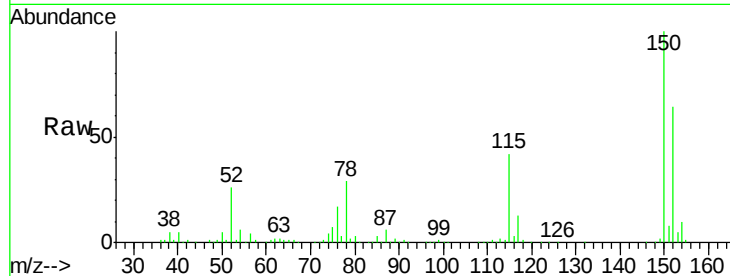


#1

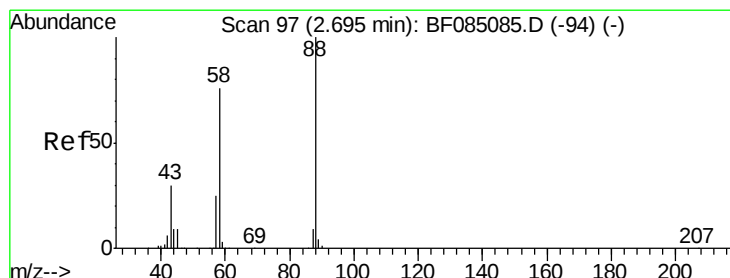
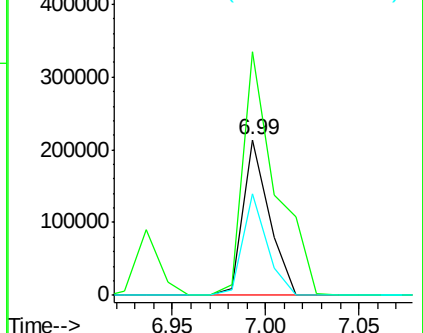
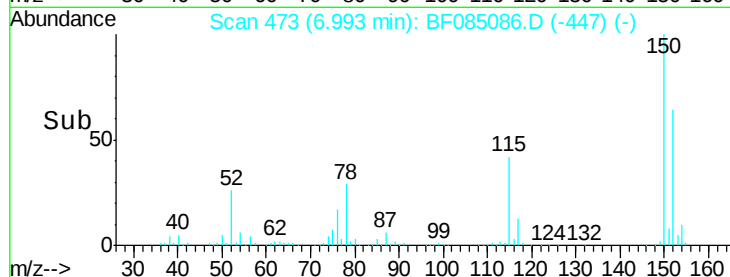
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 207651
Ion Ratio Lower Upper
152 100
150 156.8 127.4 191.2
115 65.4 50.5 75.7



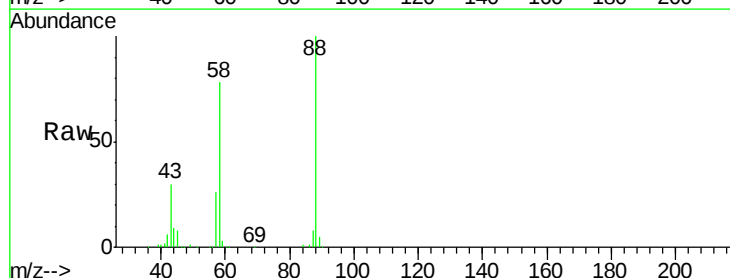
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



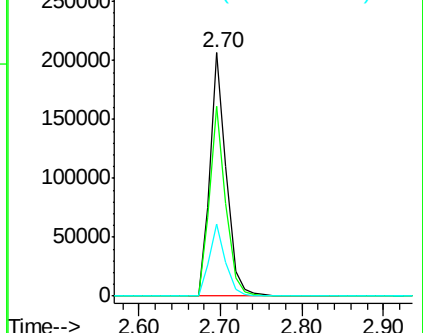
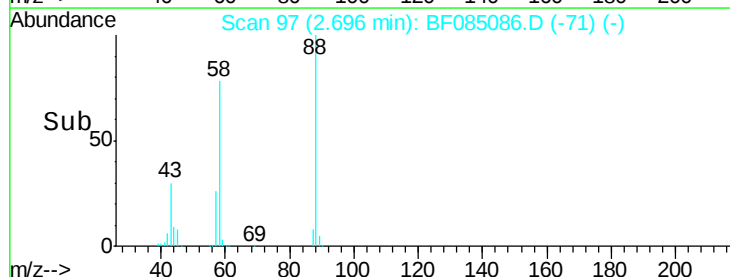
#2

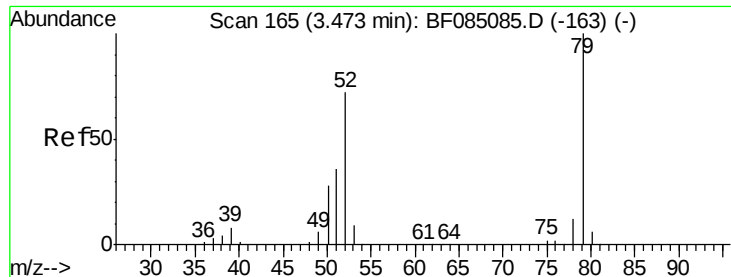
1,4-Dioxane
Concen: 59.59 ng
RT: 2.70 min Scan# 97
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Tgt Ion: 88 Resp: 291537
Ion Ratio Lower Upper
88 100
58 77.4 70.9 106.3
43 29.3 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: 61.85 ng

RT: 3.47 min Scan# 165

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampleId :

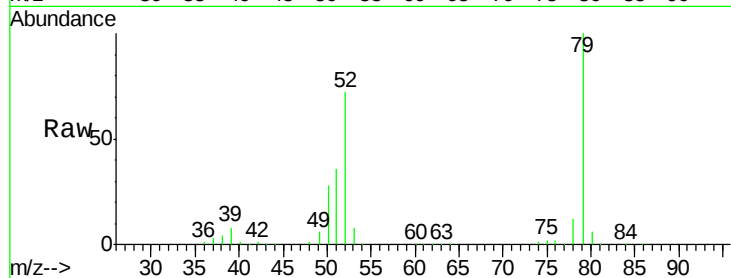
Tot Ion: 79 Resp: 706944

Ion Ratio Lower Upper

79 100

52 72.3 67.1 100.7

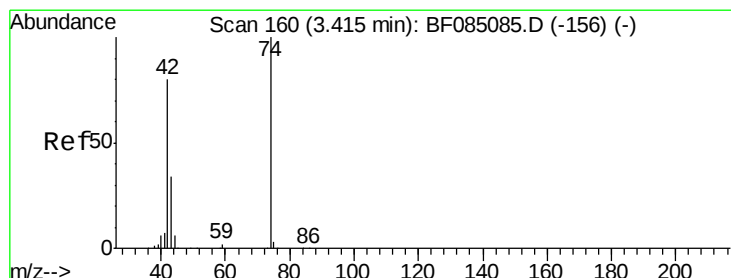
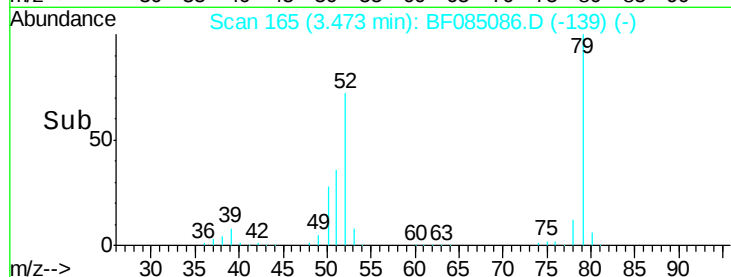
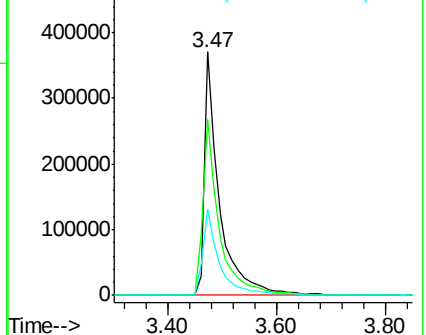
51 35.6 32.7 49.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 60.85 ng

RT: 3.43 min Scan# 161

Delta R.T. 0.01 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

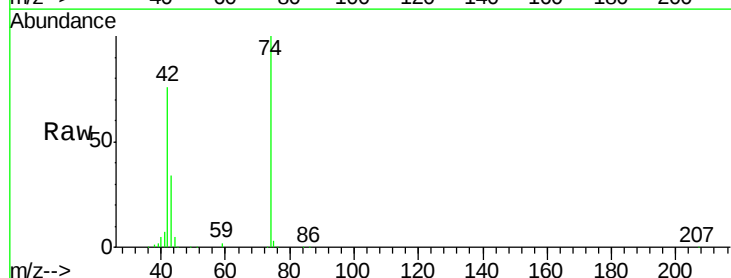
Tgt Ion: 42 Resp: 357848

Ion Ratio Lower Upper

42 100

74 131.0 96.2 144.4

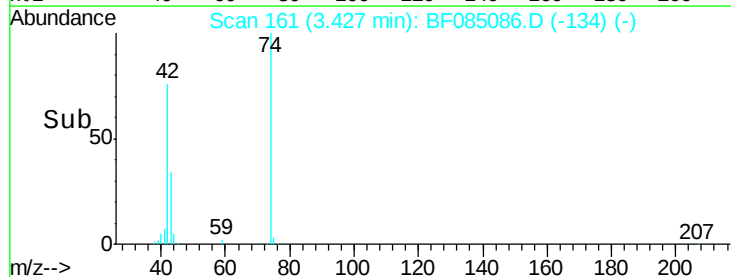
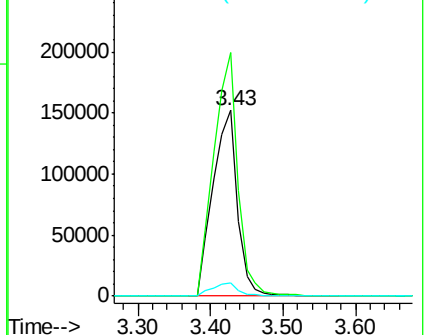
44 6.9 7.0 10.4#

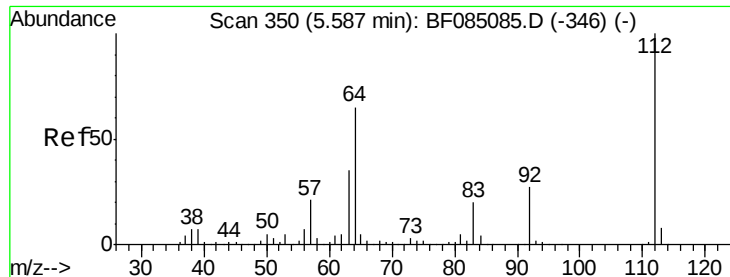


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 105.25 ng

RT: 5.60 min Scan# 351

Delta R.T. 0.01 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :
BNA_F
ClientSampled :

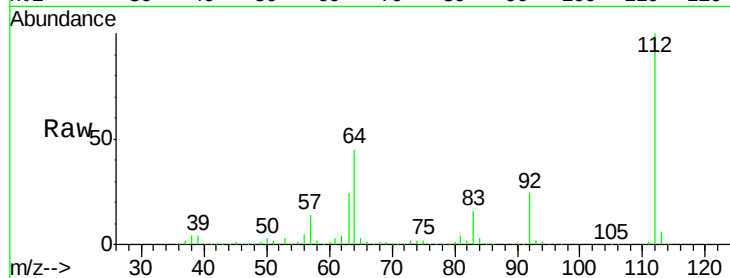
Tot Ion:112 Resp: 1249908

Ion Ratio Lower Upper

112 100

64 45.4 45.4 68.2#

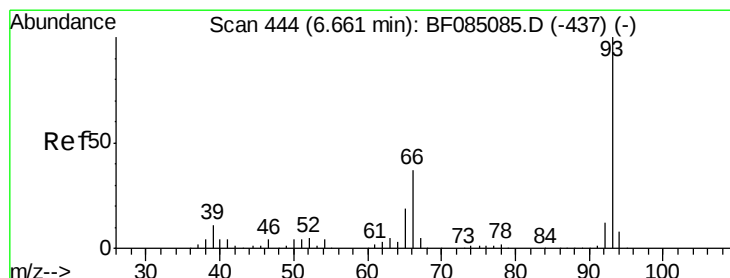
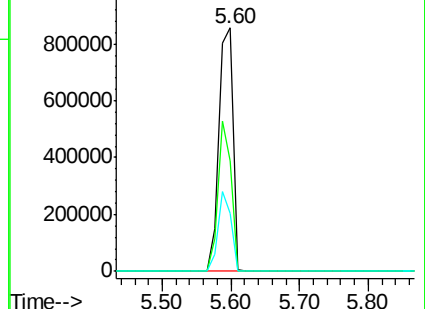
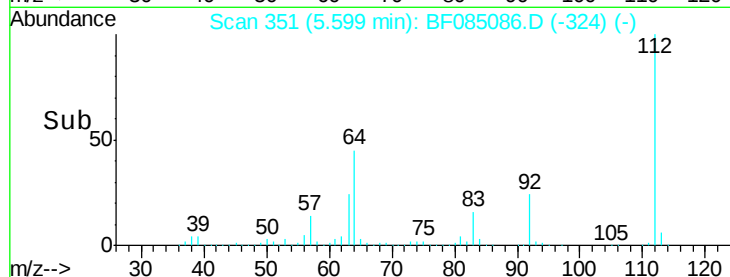
63 24.0 23.2 34.8



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: 65.23 ng

RT: 6.66 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

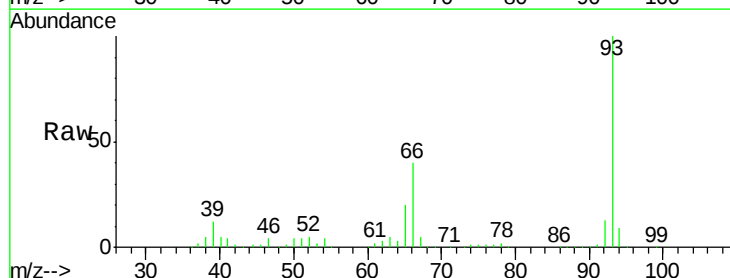
Tgt Ion: 93 Resp: 1066734

Ion Ratio Lower Upper

93 100

66 39.7 51.8 77.8#

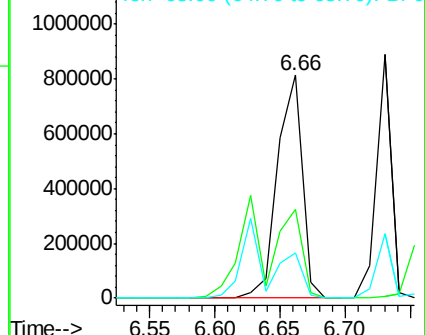
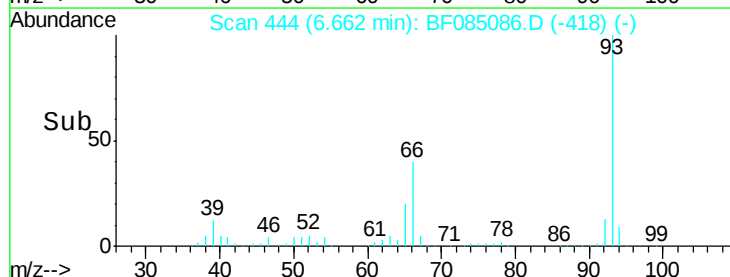
65 20.3 28.5 42.7#

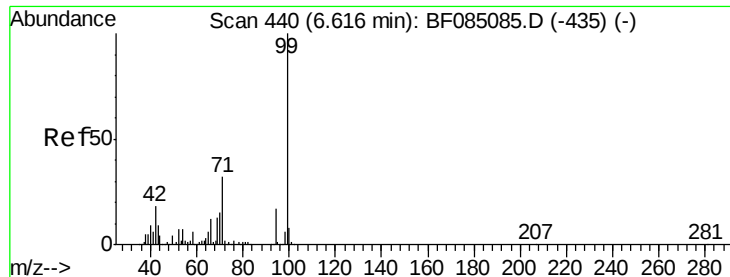


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 95.12 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampleId :

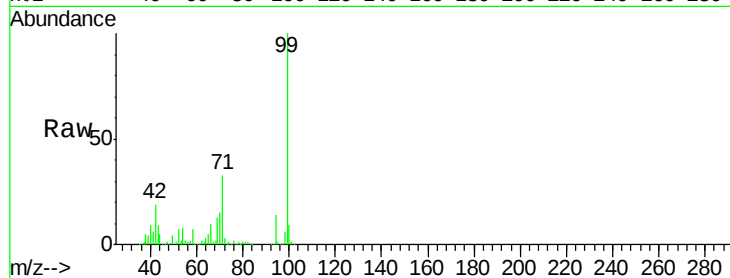
Tot Ion: 99 Resp: 1505532

Ion Ratio Lower Upper

99 100

42 18.8 17.0 25.4

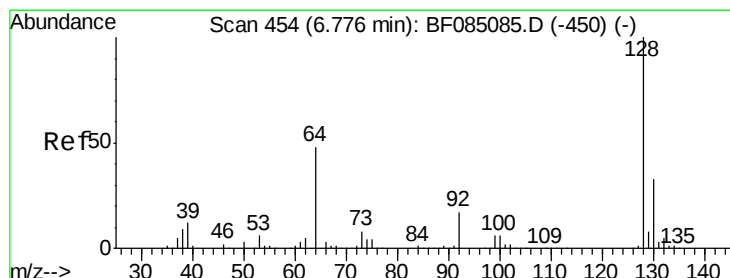
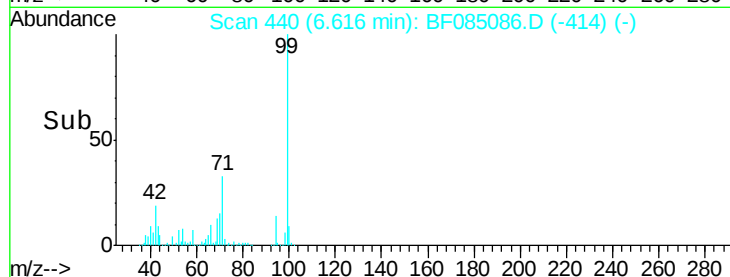
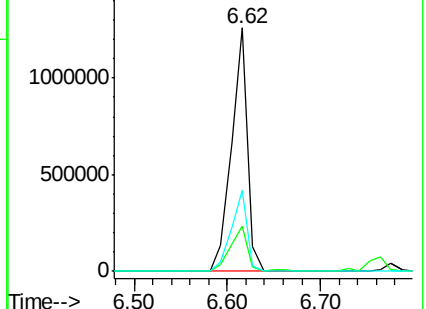
71 33.1 28.3 42.5



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: 45.89 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

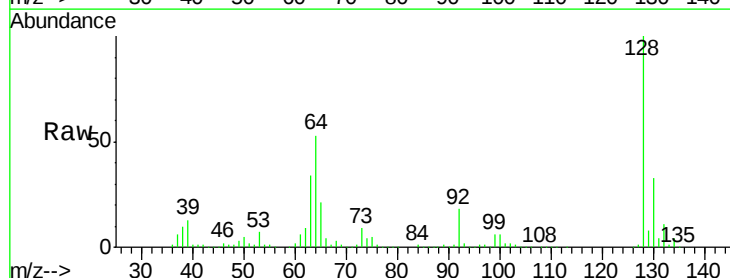
Tgt Ion: 128 Resp: 669845

Ion Ratio Lower Upper

128 100

130 33.2 12.4 52.4

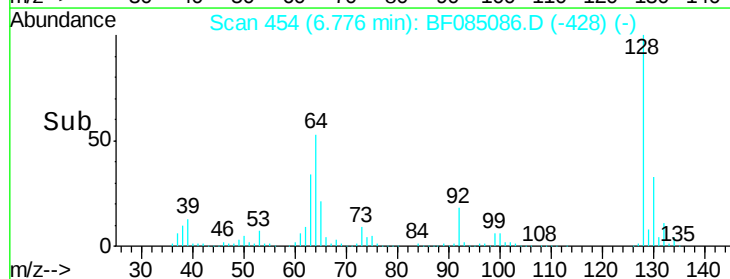
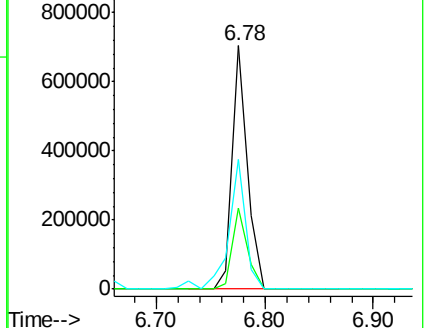
64 53.2 32.1 72.1

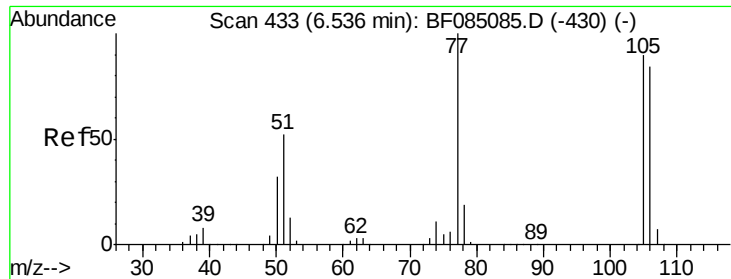


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

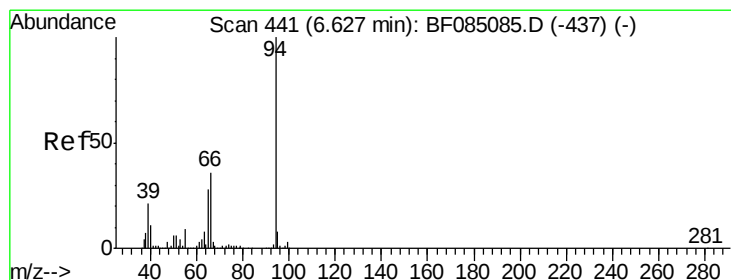
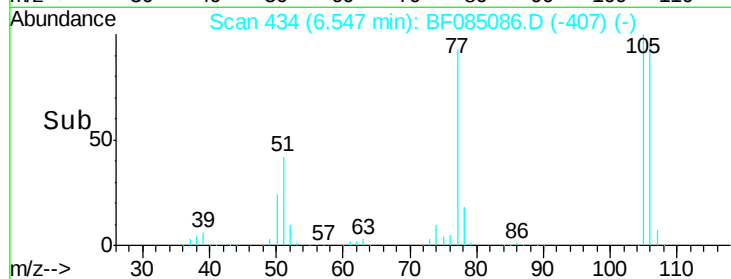
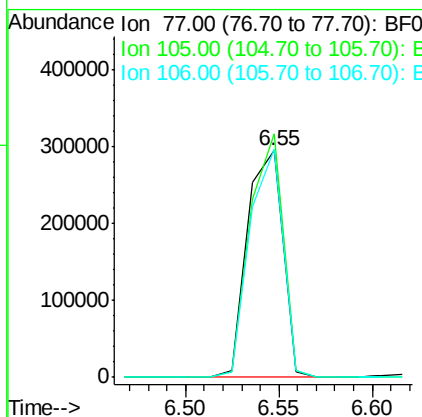
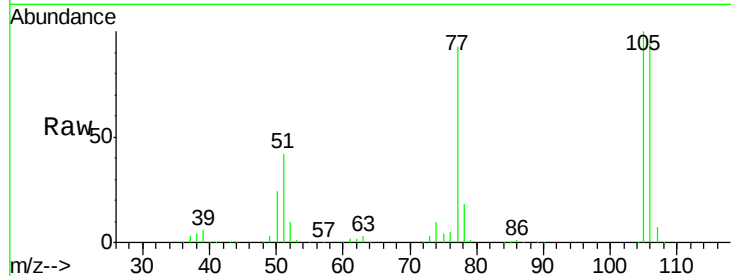




#9
Benzaldehyde
Concen: 45.38 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

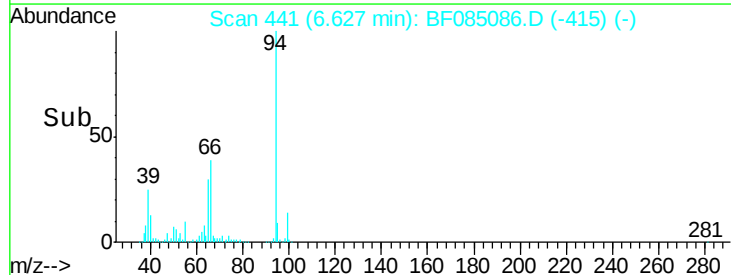
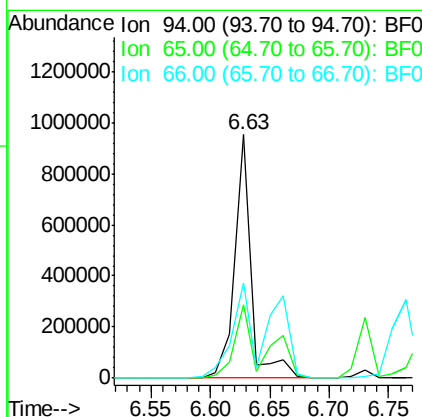
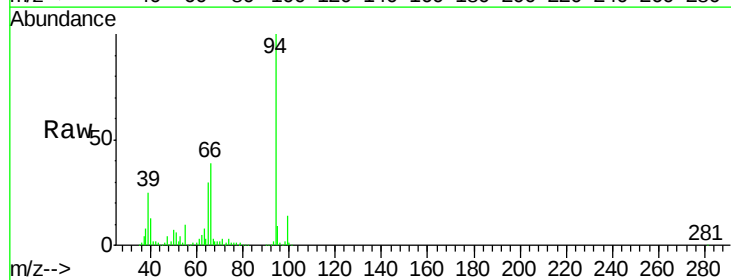
Instrument :
BNA_F
ClientSampleId :

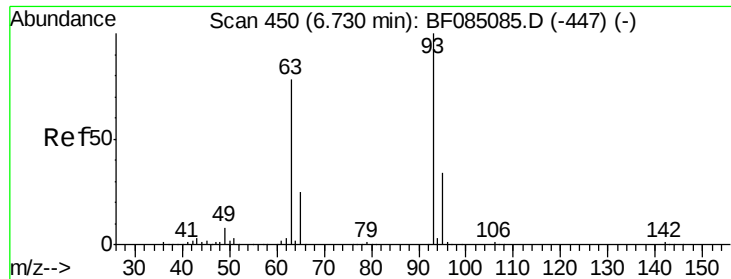
Tot Ion: 77 Resp: 386854
Ion Ratio Lower Upper
77 100
105 107.5 90.9 130.9
106 100.9 79.7 119.7



#10
Phenol
Concen: 49.31 ng
RT: 6.63 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Tgt Ion: 94 Resp: 912931
Ion Ratio Lower Upper
94 100
65 30.4 37.3 77.3#
66 39.3 84.1 124.1#

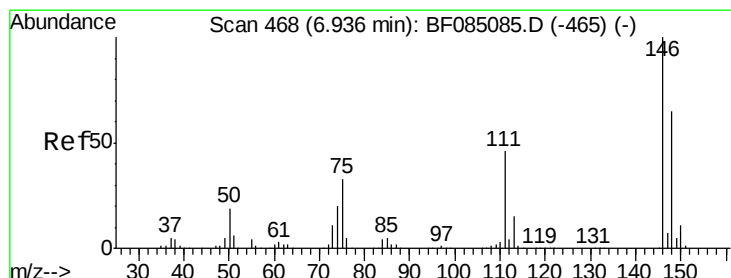
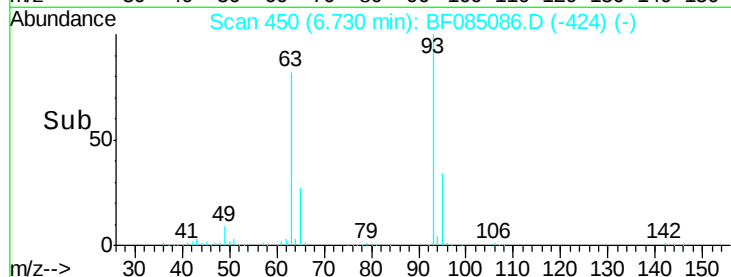
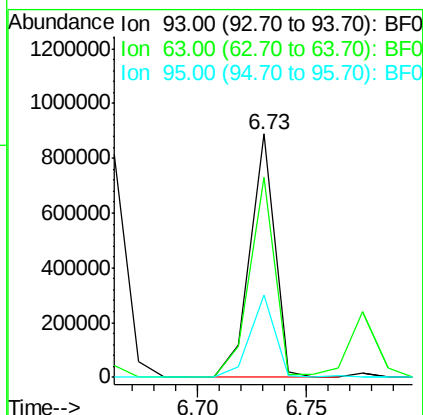
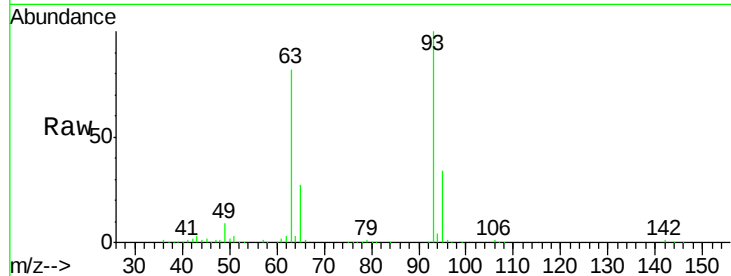




#11
 bis(2-Chloroethyl)ether
 Concen: 40.17 ng
 RT: 6.73 min Scan# 450
 Delta R.T. 0.00 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

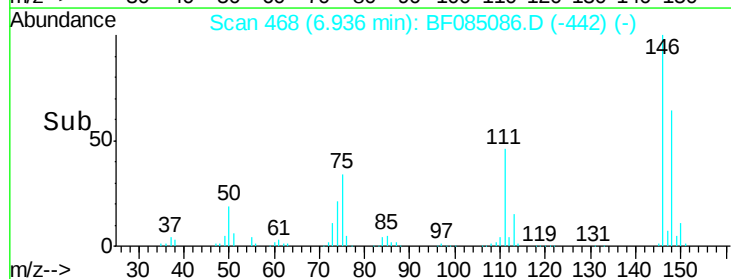
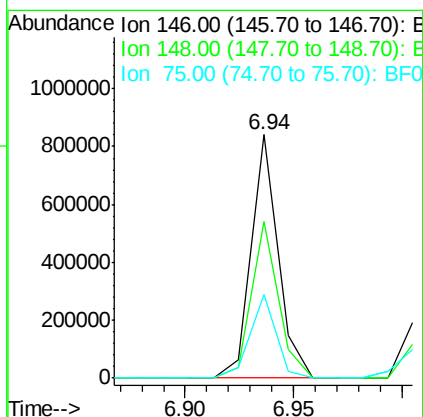
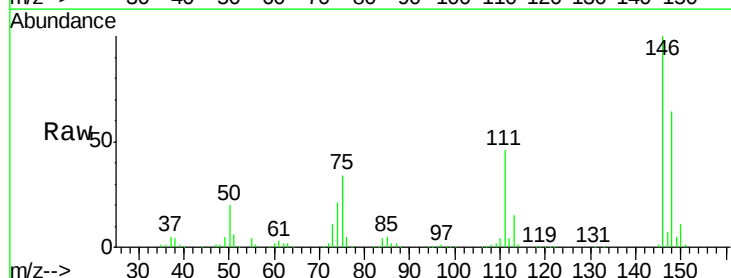
Instrument :
 BNA_F
 ClientSampled :

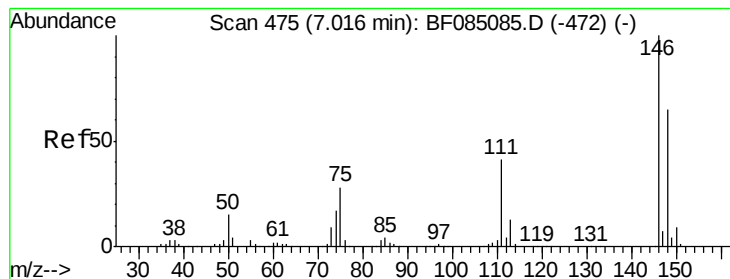
Tot Ion	Ratio	Lower	Upper
93	100		
63	82.4	53.6	93.6
95	33.9	10.1	50.1



#12
 1,3-Dichlorobenzene
 Concen: 49.75 ng
 RT: 6.94 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	53.1	79.7
75	34.5	24.4	36.6





#13

1,4-Dichlorobenzene

Concen: 48.99 ng

RT: 7.02 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampleId :

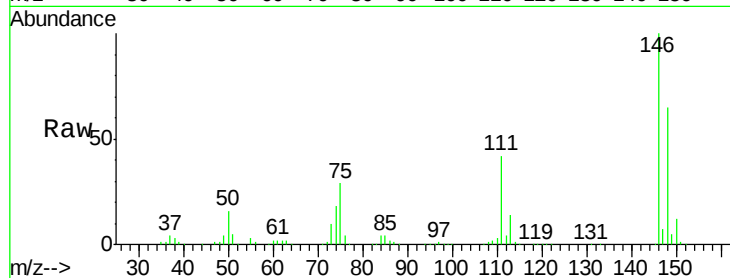
Tot Ion:146 Resp: 791318

Ion Ratio Lower Upper

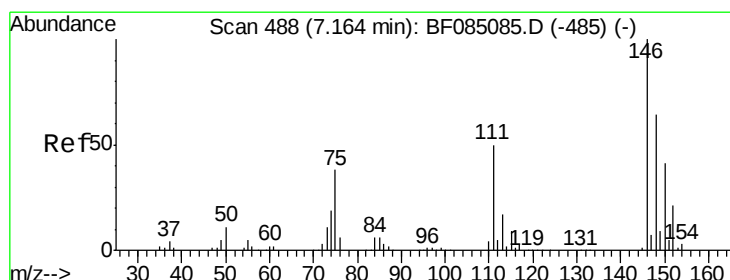
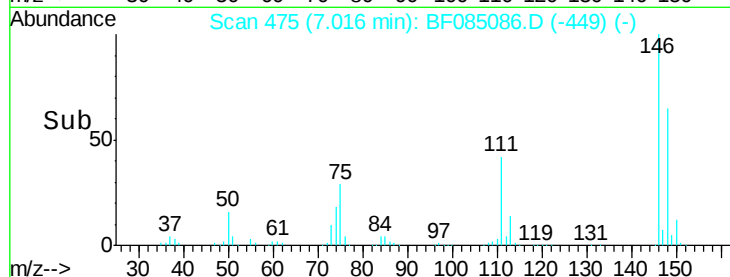
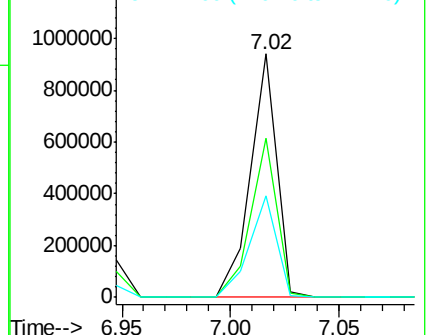
146 100

148 65.3 50.3 75.5

111 41.7 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: 43.01 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

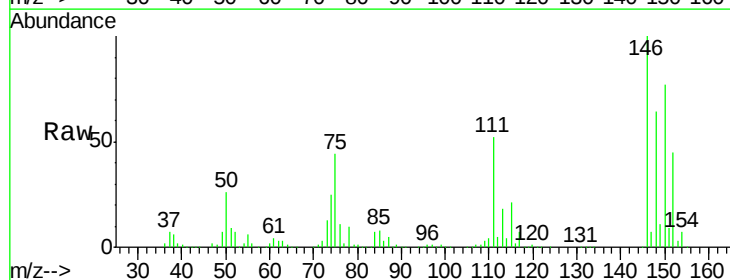
Tgt Ion:146 Resp: 653039

Ion Ratio Lower Upper

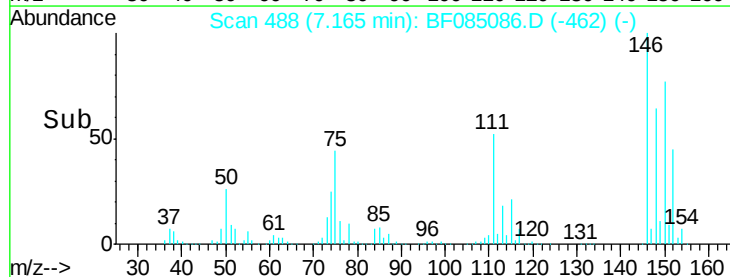
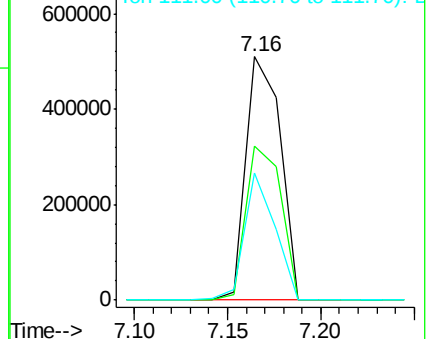
146 100

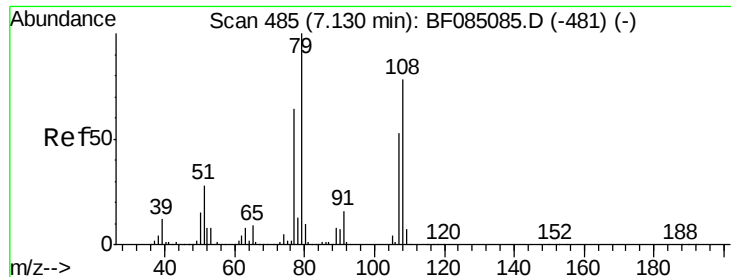
148 63.5 51.5 77.3

111 52.4 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: 54.99 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :
BNA_F
ClientSampleId :

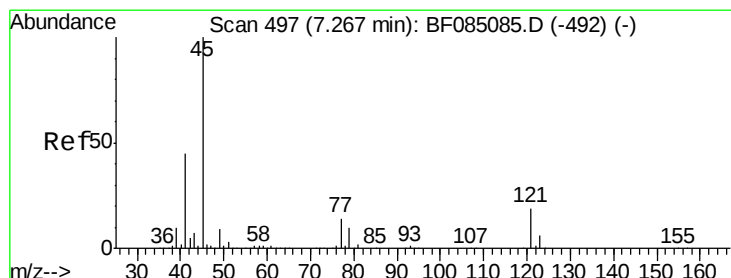
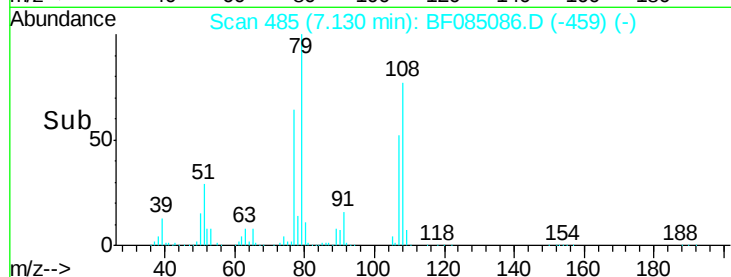
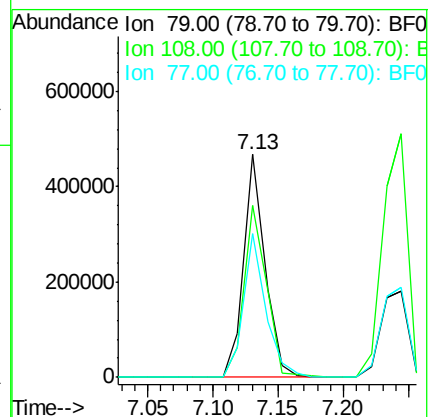
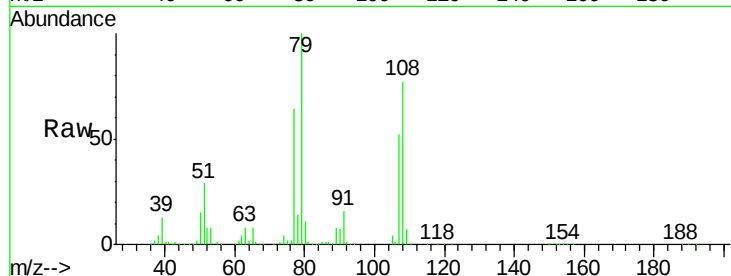
Tot Ion: 79 Resp: 531854

Ion Ratio Lower Upper

79 100

108 77.2 63.4 95.0

77 64.5 51.8 77.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.07 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

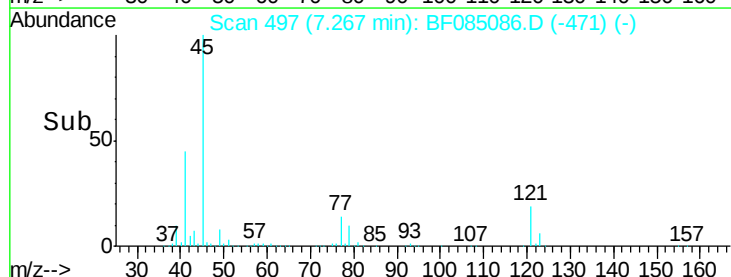
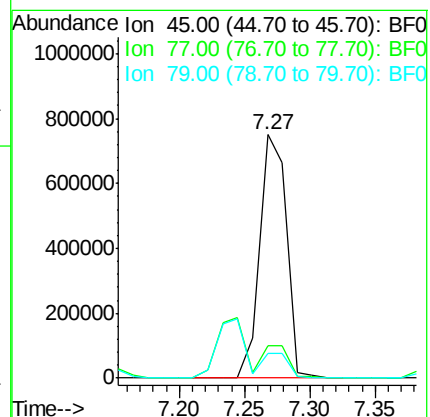
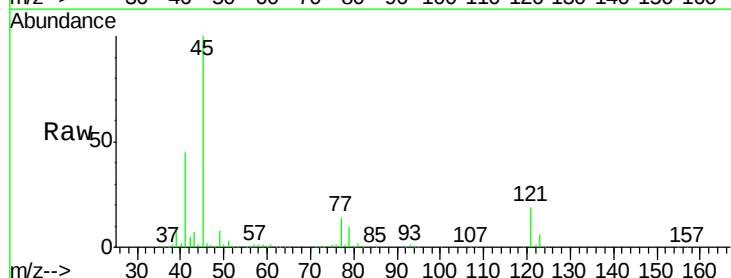
Tgt Ion: 45 Resp: 1074587

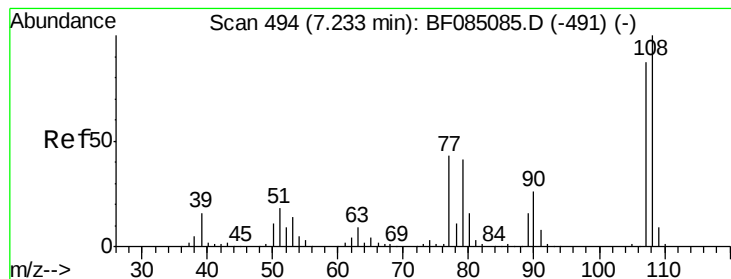
Ion Ratio Lower Upper

45 100

77 13.6 0.0 35.2

79 10.0 0.0 33.7

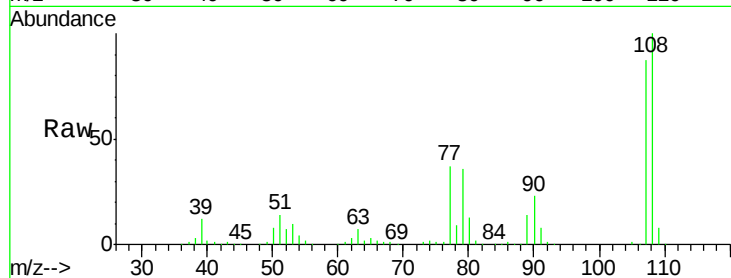




#17
2-Methylphenol
Concen: 54.88 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.01 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.6	97.0	145.4
77	42.3	50.5	75.7#
79	40.9	50.1	75.1#



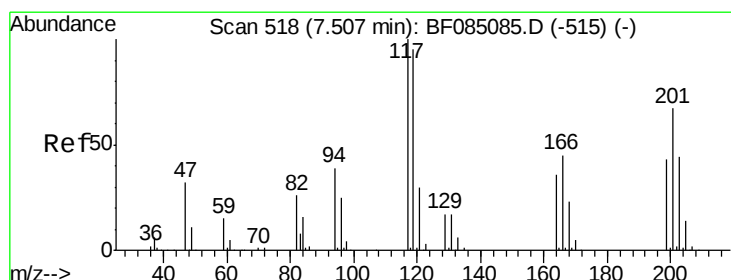
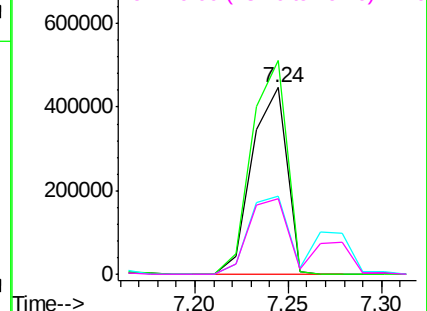
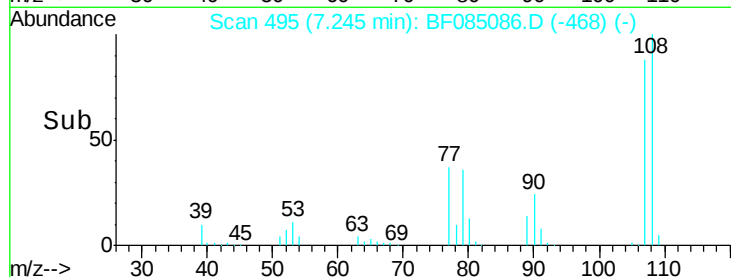
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

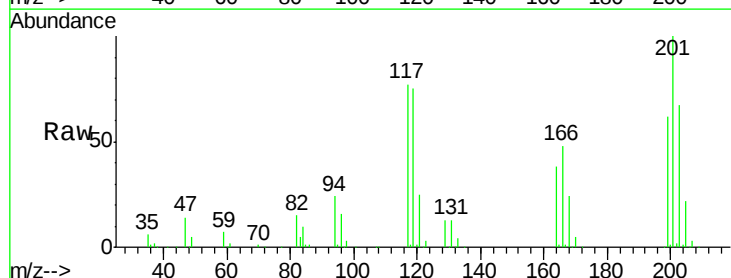
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 46.95 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.01 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	74.5	111.7
201	130.4	80.9	121.3#

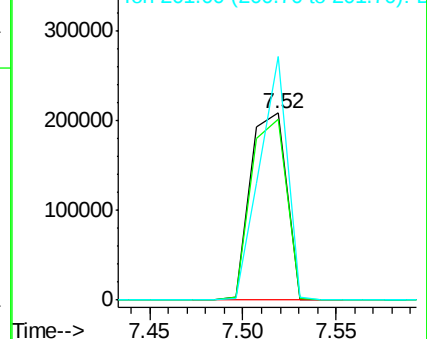
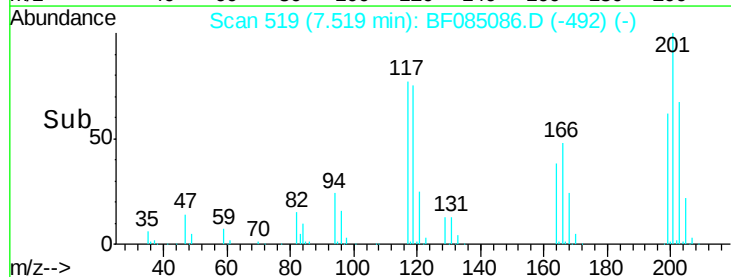


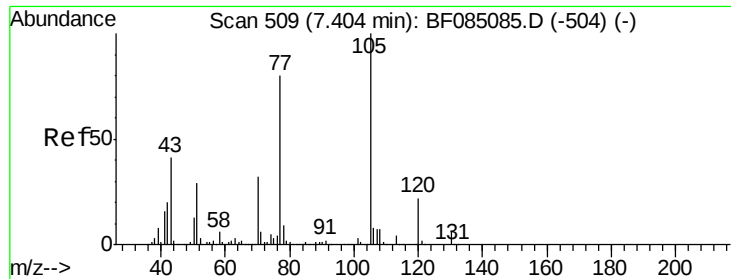
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

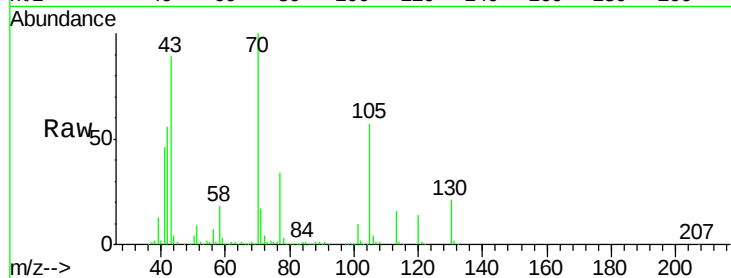




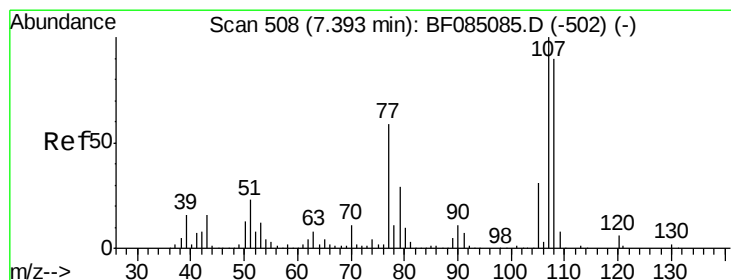
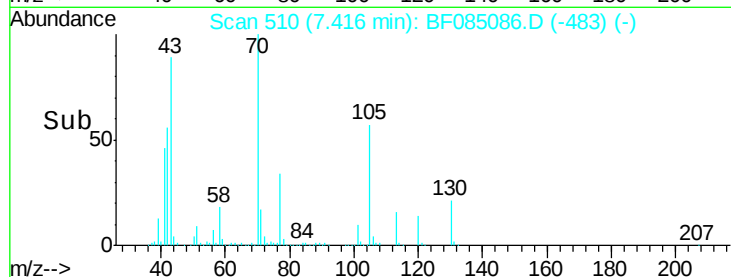
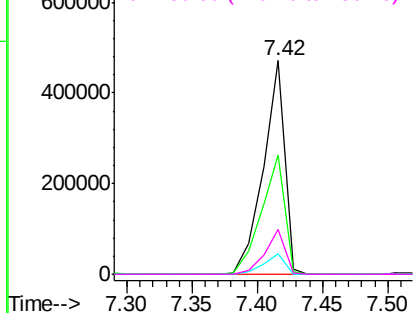
#19
n-Nitroso-di-n-propylamine
Concen: 54.33 ng
RT: 7.42 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 541696
Ion Ratio Lower Upper
70 100
42 55.8 55.8 83.6
101 9.6 7.7 11.5
130 21.2 15.4 23.2

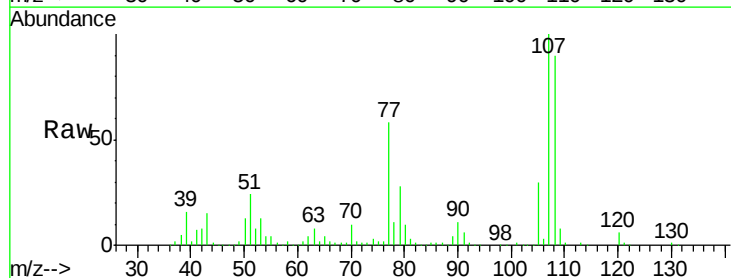


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

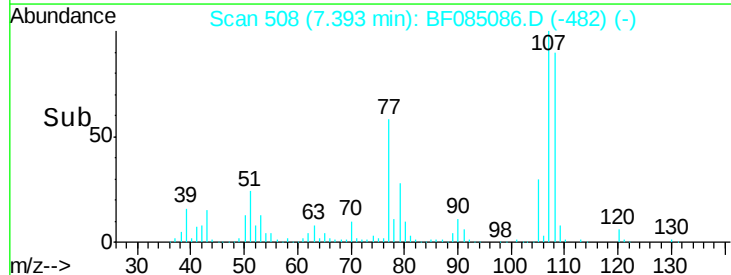
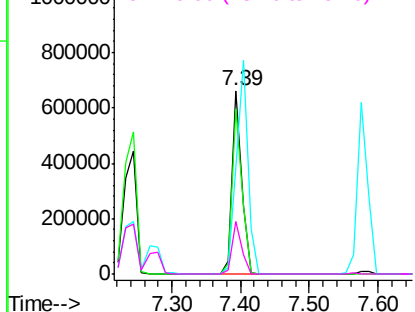


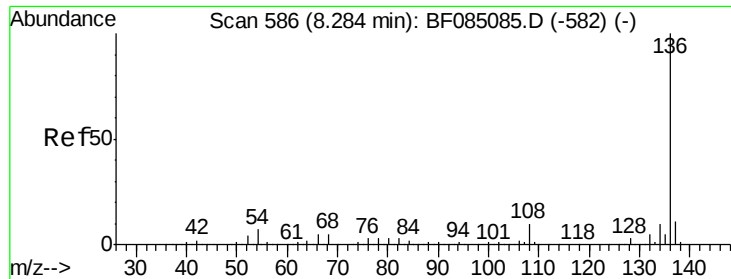
#20
3+4-Methylphenols
Concen: 49.79 ng
RT: 7.39 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Tgt Ion:107 Resp: 664398
Ion Ratio Lower Upper
107 100
108 89.6 74.4 114.4
77 57.9 46.9 86.9
79 28.4 10.4 50.4



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

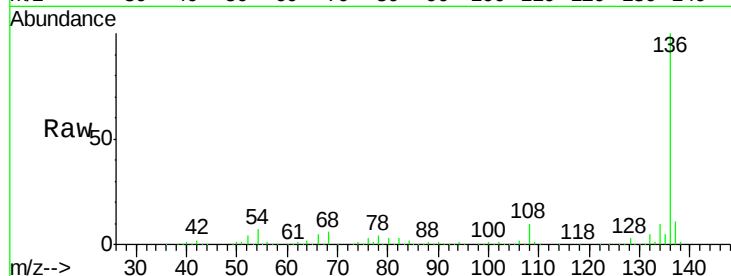




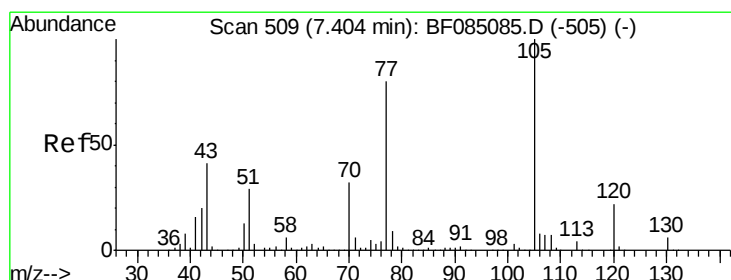
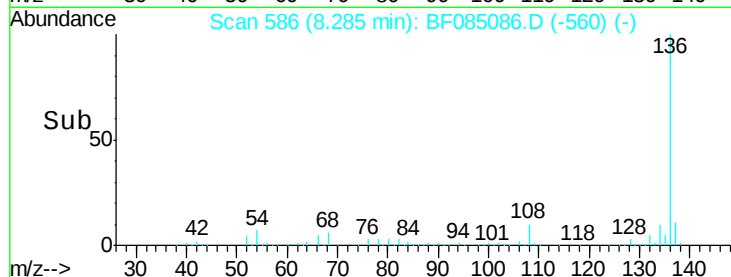
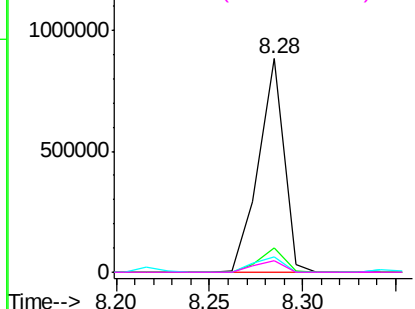
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	832140
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	7.2	6.1 9.1
68	5.6	3.5 5.3#

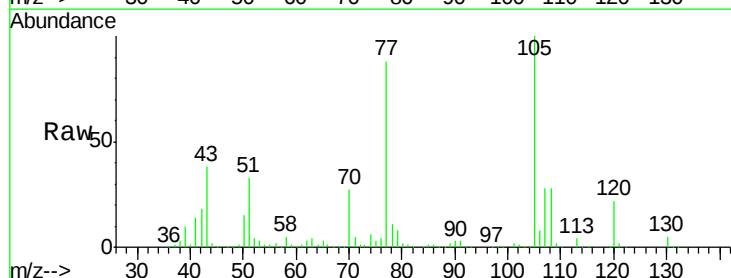


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

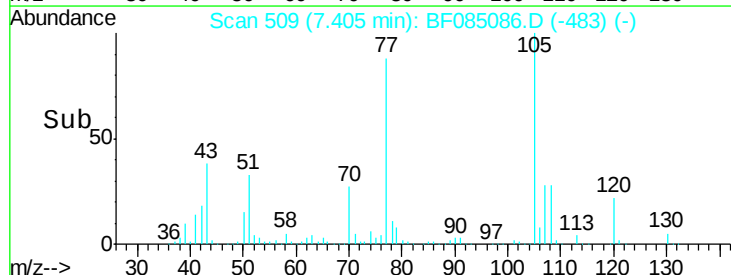
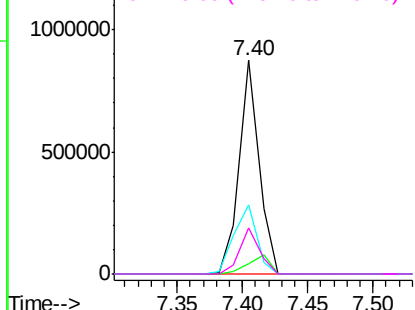


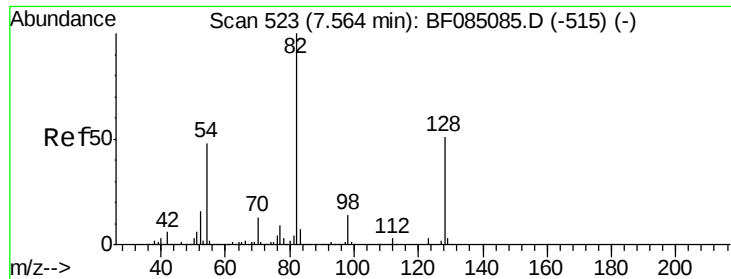
#22
Acetophenone
Concen: 43.40 ng
RT: 7.40 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Tgt Ion:105	Resp:	925513
Ion Ratio	Lower	Upper
105	100	
71	4.8	7.5 11.3#
51	32.6	23.1 34.7
120	21.7	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

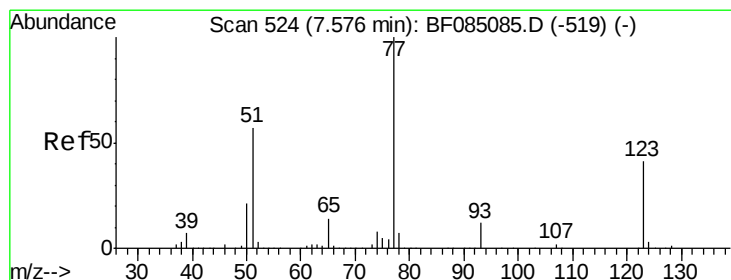
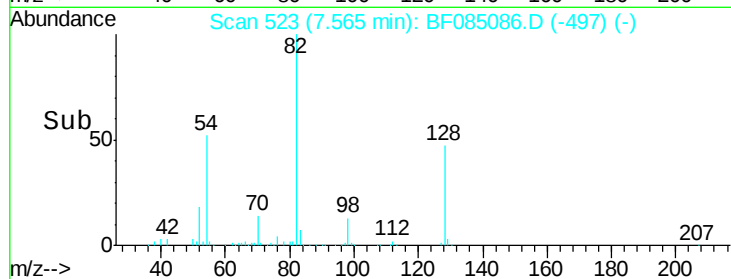
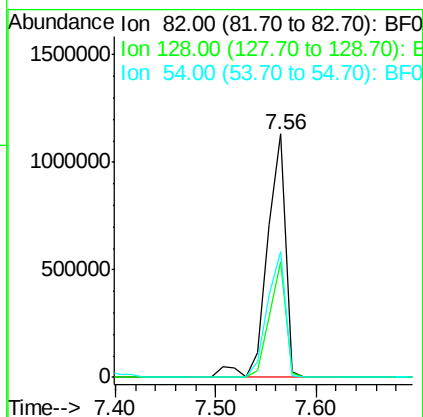
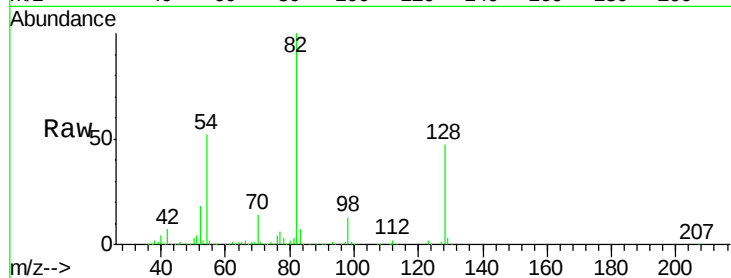




#23
Nitrobenzene-d5
Concen: 101.09 ng
RT: 7.56 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

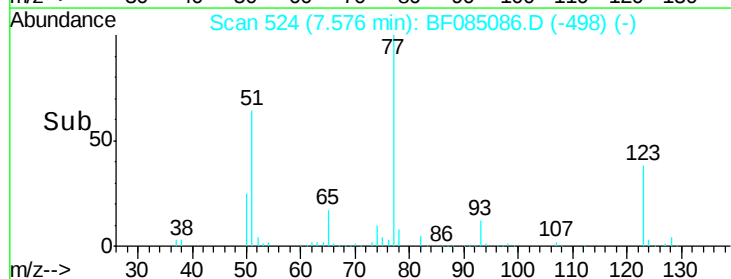
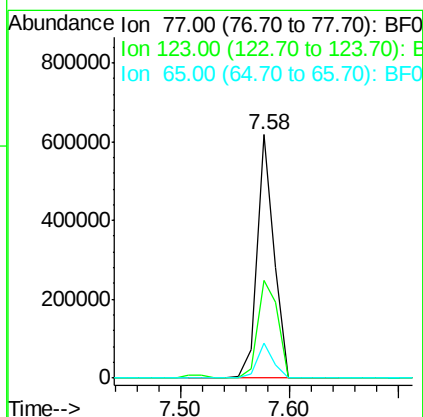
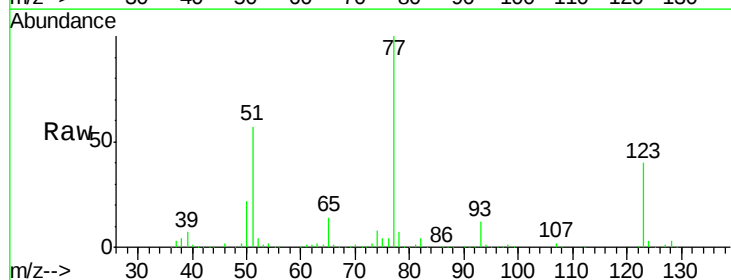
Instrument :
BNA_F
ClientSampleId :

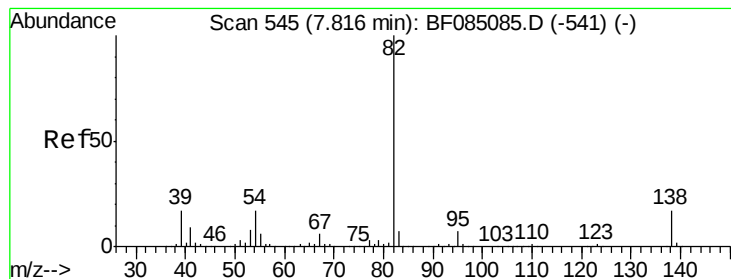
Tot Ion: 82 Resp: 1424559
Ion Ratio Lower Upper
82 100
128 47.3 36.8 55.2
54 51.7 44.4 66.6



#24
Nitrobenzene
Concen: 43.44 ng
RT: 7.58 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Tgt Ion: 77 Resp: 668843
Ion Ratio Lower Upper
77 100
123 40.3 36.5 54.7
65 14.4 10.9 16.3





#25

Isophorone

Concen: 53.72 ng

RT: 7.82 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampleId :

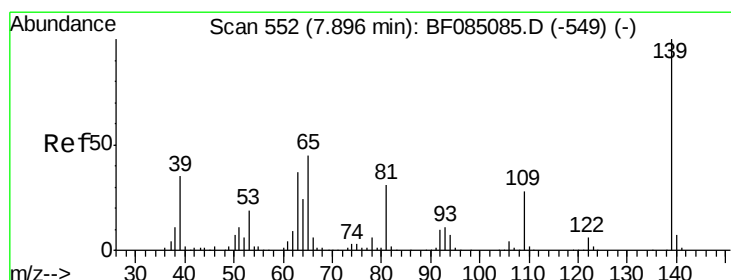
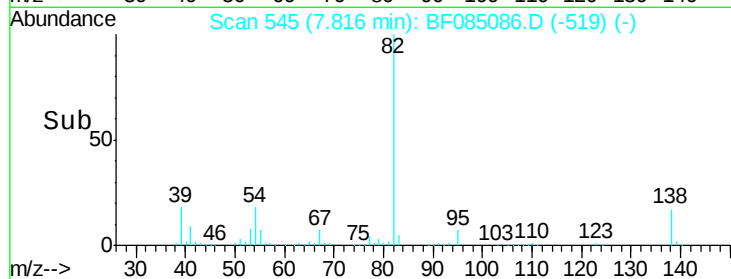
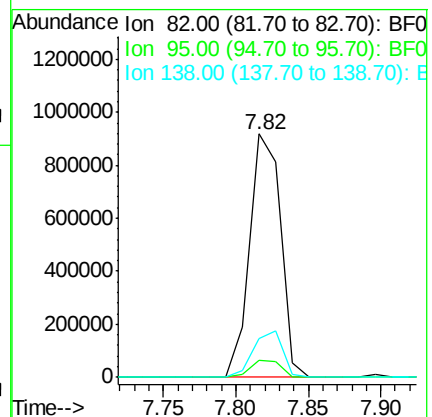
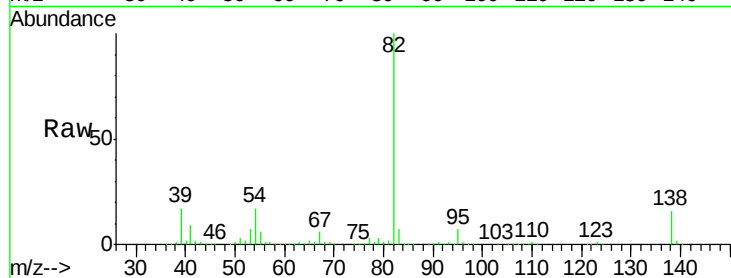
Tot Ion: 82 Resp: 1357970

Ion Ratio Lower Upper

82 100

95 7.1 6.1 9.1

138 16.0 13.1 19.7



#26

2-Nitrophenol

Concen: 44.56 ng

RT: 7.90 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

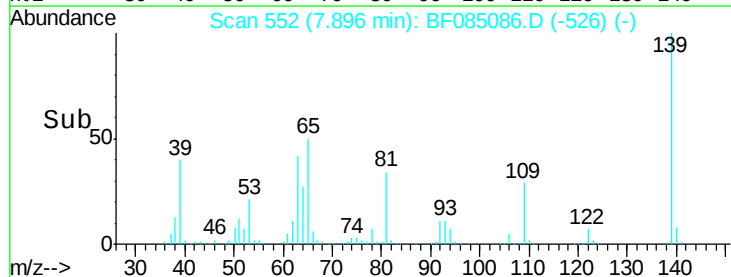
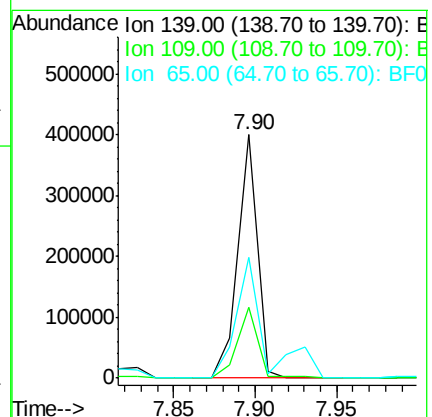
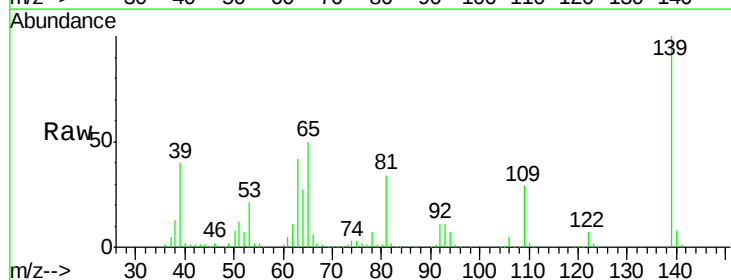
Tgt Ion: 139 Resp: 328845

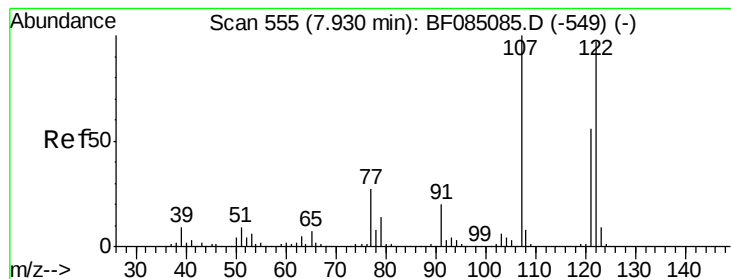
Ion Ratio Lower Upper

139 100

109 29.1 23.4 35.2

65 49.7 42.3 63.5





#27

2,4-Dimethylphenol

Concen: 58.25 ng

RT: 7.93 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampleId :

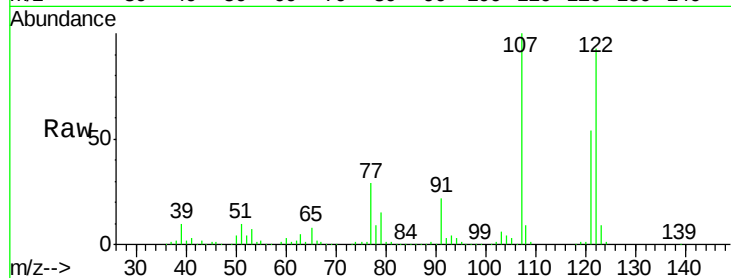
Tot Ion:122 Resp: 695562

Ion Ratio Lower Upper

122 100

107 107.1 91.8 137.8

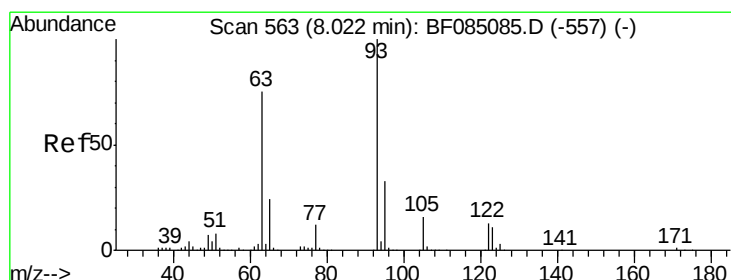
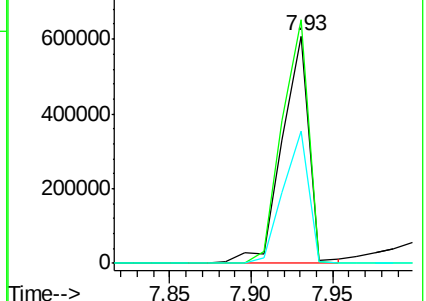
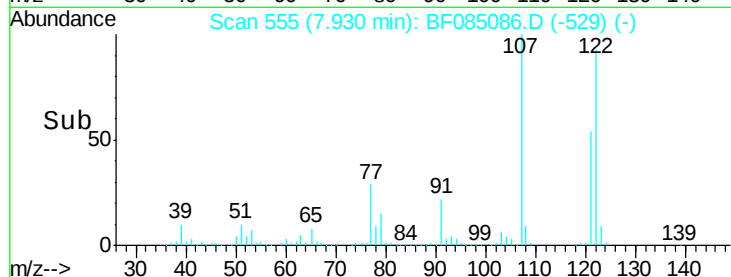
121 58.2 45.0 67.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 51.09 ng

RT: 8.03 min Scan# 564

Delta R.T. 0.01 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

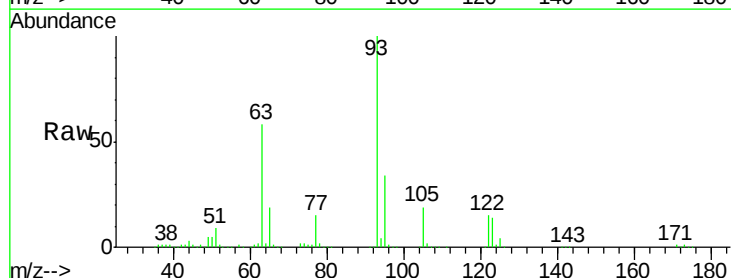
Tgt Ion: 93 Resp: 801636

Ion Ratio Lower Upper

93 100

95 33.8 25.6 38.4

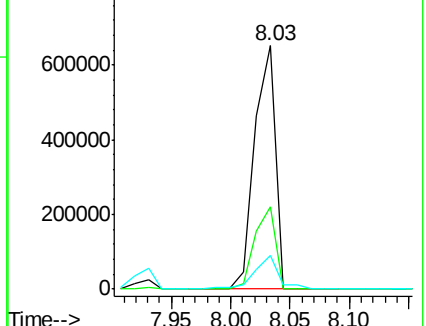
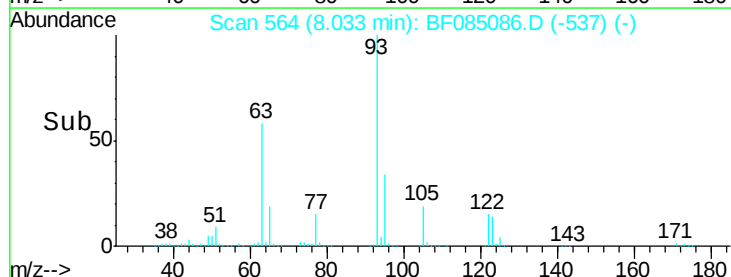
123 14.0 8.7 13.1#

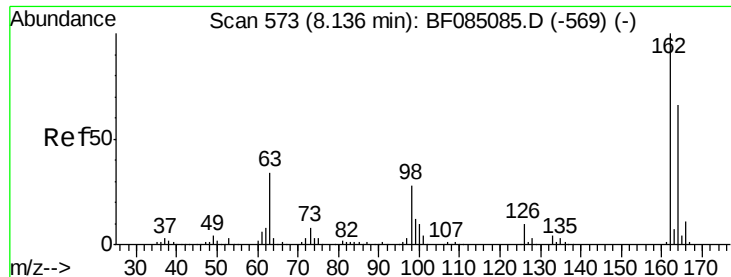


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

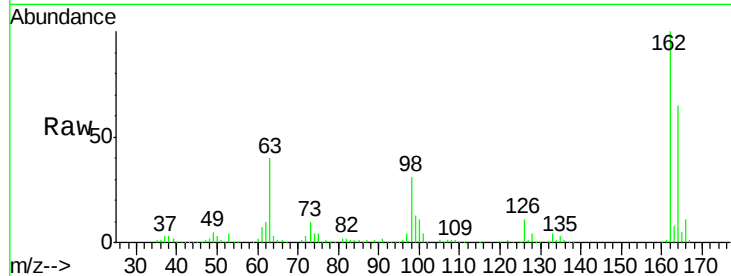




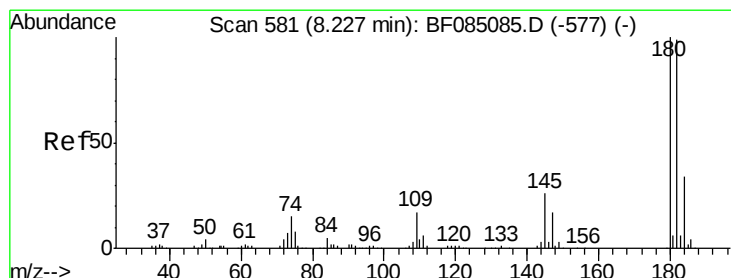
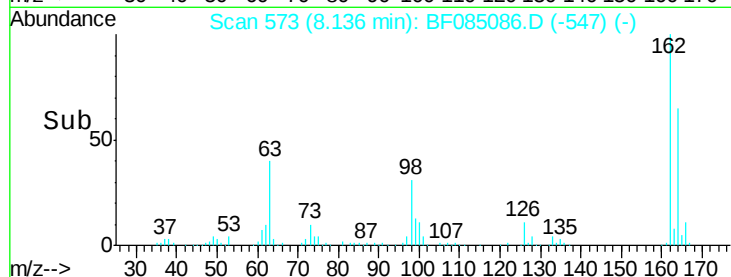
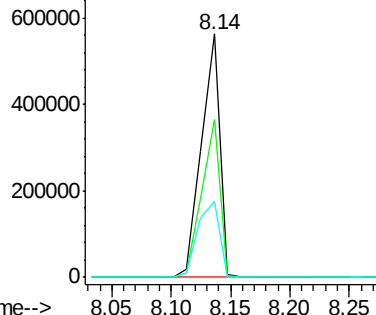
#29
 2,4-Dichlorophenol
 Concen: 55.90 ng
 RT: 8.14 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	42.8	82.8
98	31.0	17.6	57.6

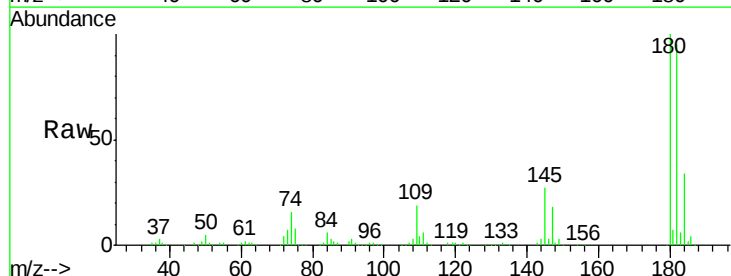


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

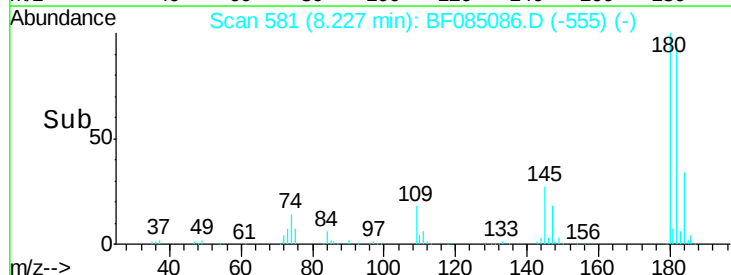
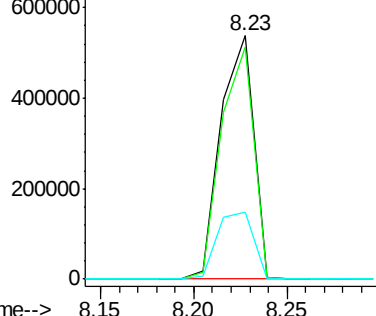


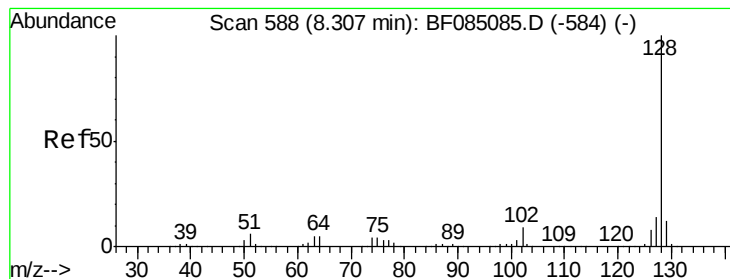
#30
 1,2,4-Trichlorobenzene
 Concen: 52.33 ng
 RT: 8.23 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.8	113.8
145	27.3	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: 48.29 ng

RT: 8.31 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampleId :

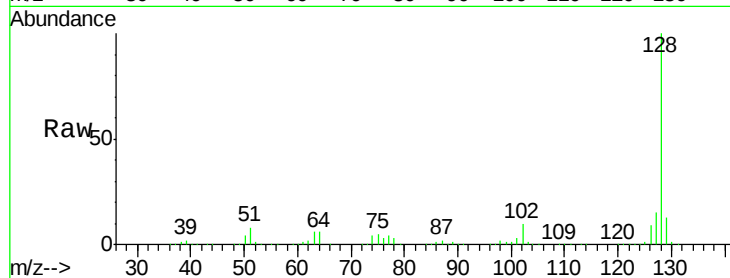
Tot Ion:128 Resp: 1948073

Ion Ratio Lower Upper

128 100

129 12.6 9.2 13.8

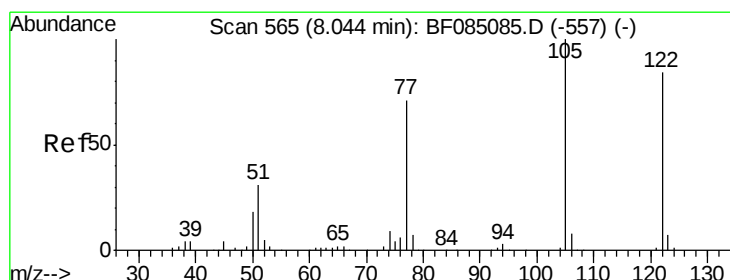
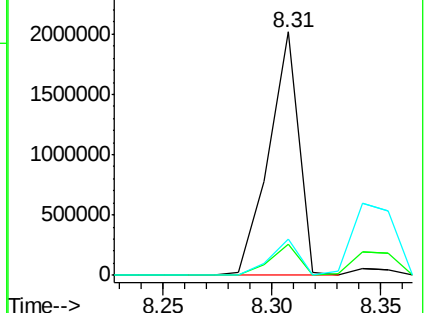
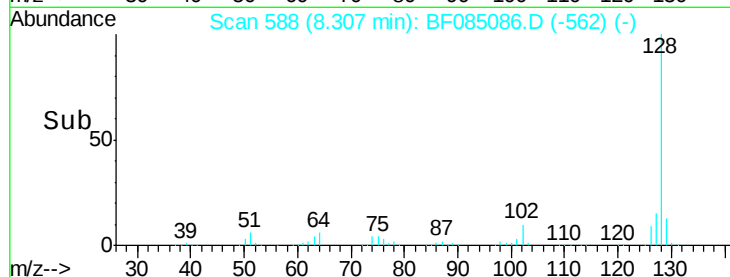
127 15.0 10.3 15.5



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: 95.06 ng

RT: 8.06 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

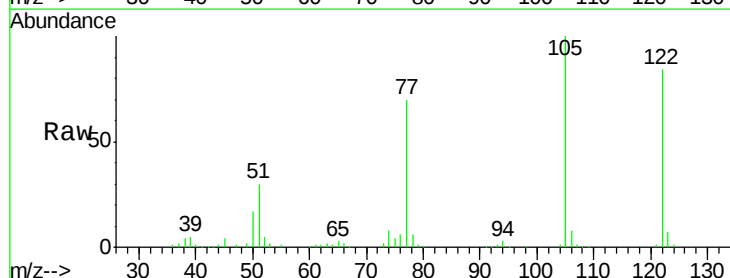
Tgt Ion:122 Resp: 499618

Ion Ratio Lower Upper

122 100

105 118.6 101.3 141.3

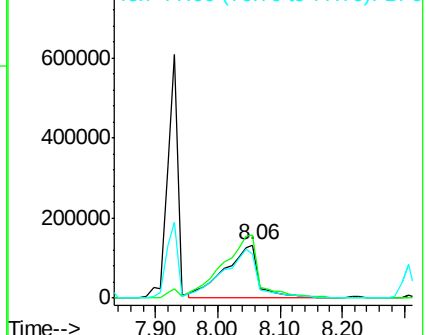
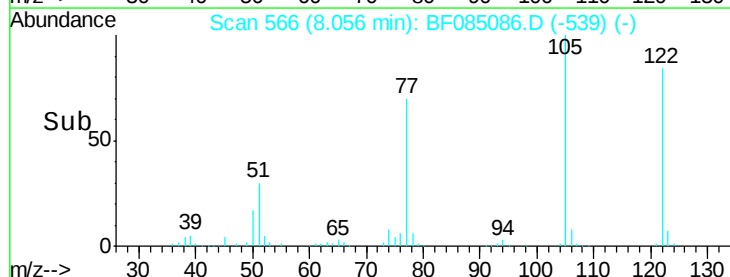
77 82.7 70.0 110.0

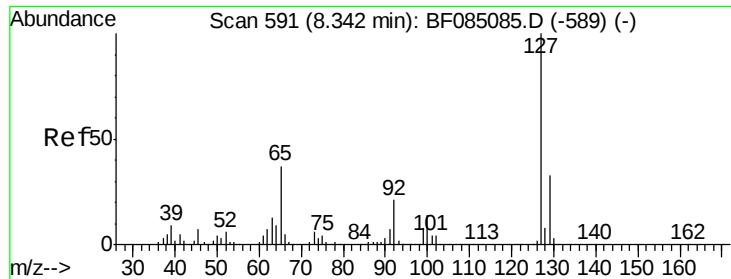


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

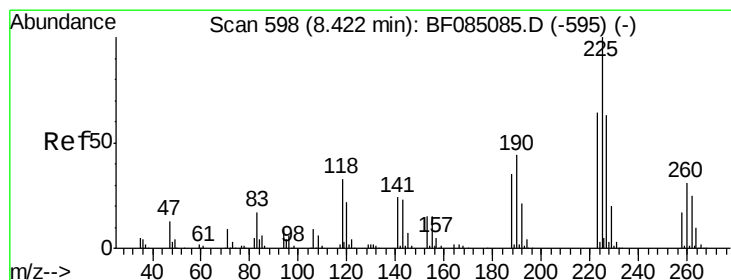
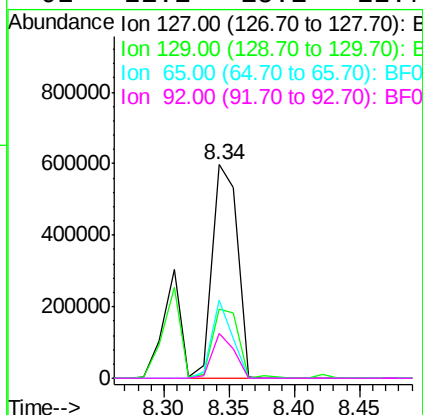
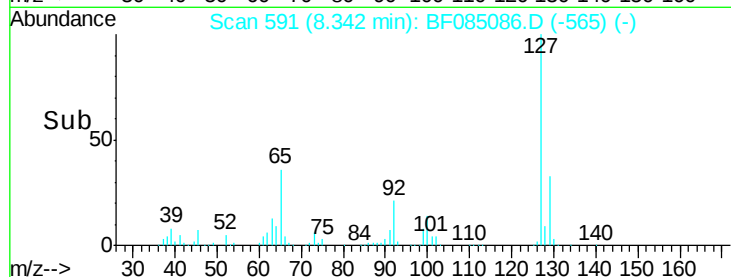
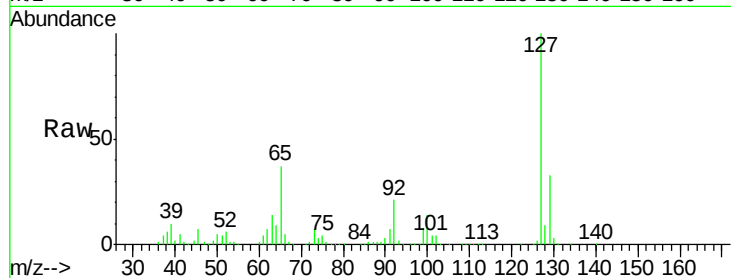




#33
 4-Chloroaniline
 Concen: 52.67 ng
 RT: 8.34 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

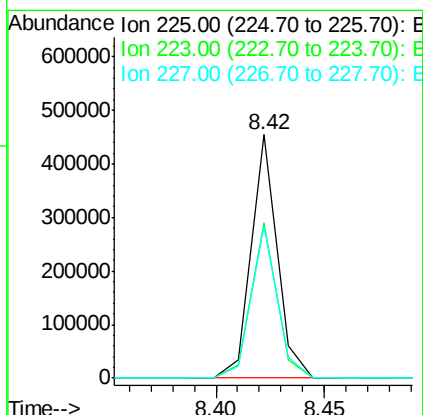
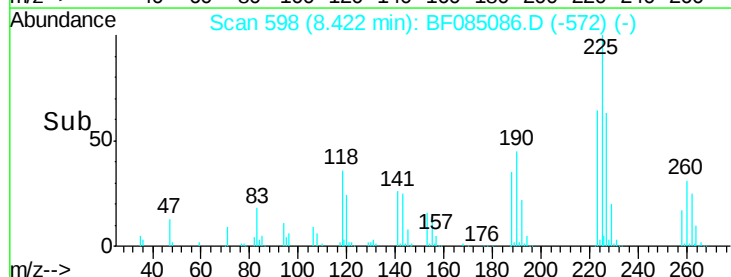
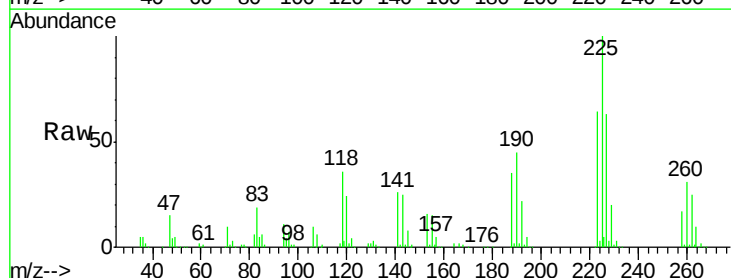
Instrument :
 BNA_F
 ClientSampleId :

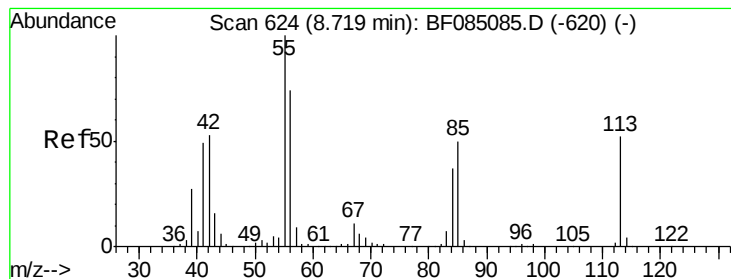
Tot Ion:	127	Resp:	806014
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	39.8
65	36.6	24.7	37.1
92	21.1	15.1	22.7



#34
 Hexachlorobutadiene
 Concen: 53.84 ng
 RT: 8.42 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

Tgt Ion:	225	Resp:	377197
Ion	Ratio	Lower	Upper
225	100		
223	63.7	48.6	73.0
227	62.9	48.9	73.3





#35

Caprolactam

Concen: 66.76 ng

RT: 8.73 min Scan# 625

Delta R.T. 0.01 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampleId :

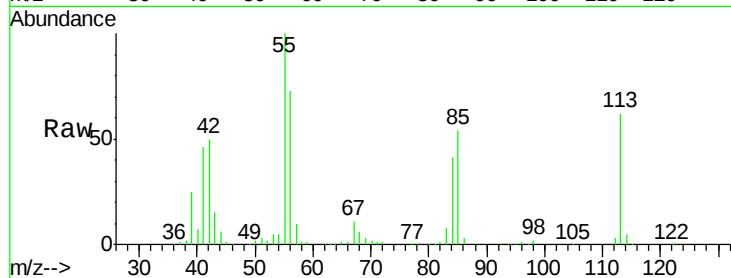
Tot Ion:113 Resp: 194792

Ion Ratio Lower Upper

113 100

55 161.5 173.1 213.1#

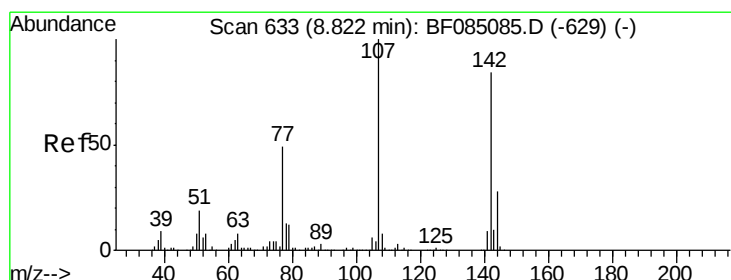
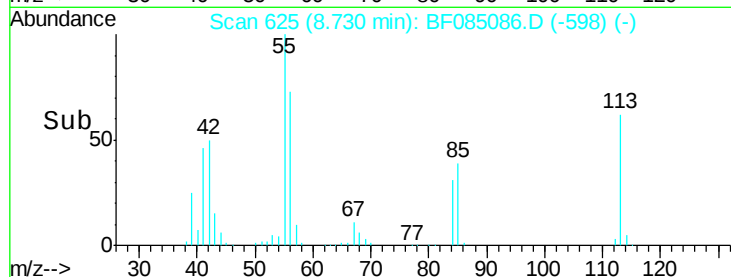
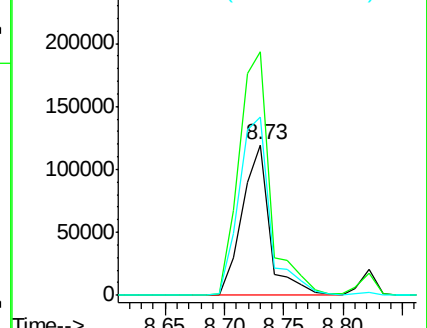
56 118.0 132.9 172.9#



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: 50.28 ng

RT: 8.82 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

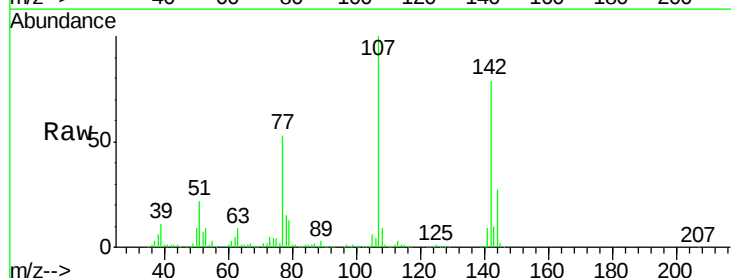
Tgt Ion:107 Resp: 618769

Ion Ratio Lower Upper

107 100

144 26.6 19.2 28.8

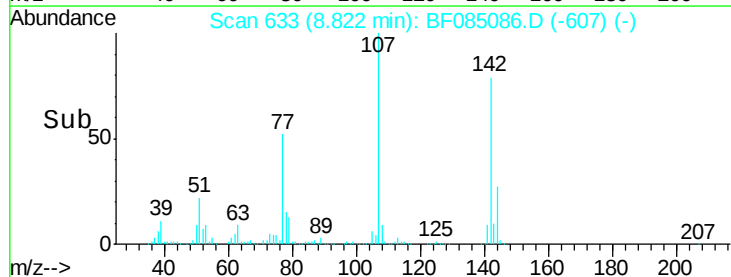
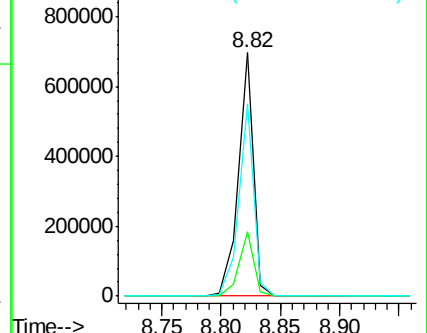
142 79.0 60.6 91.0

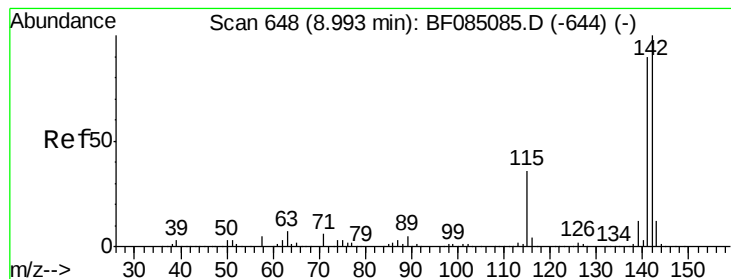


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

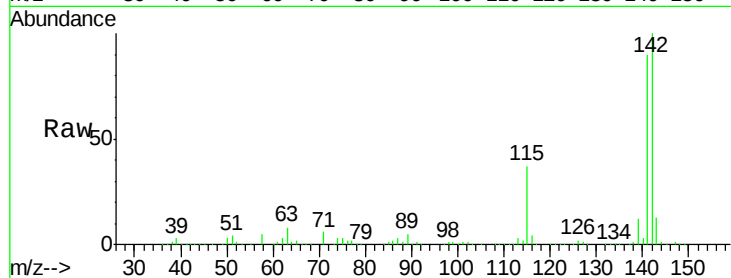




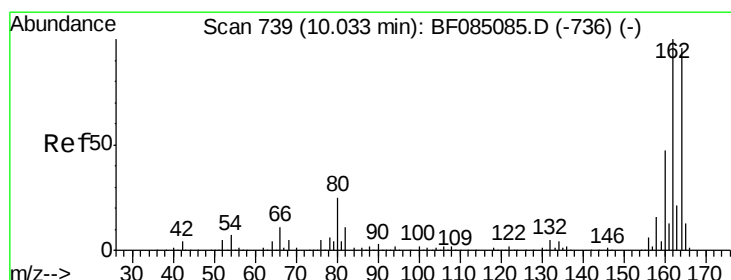
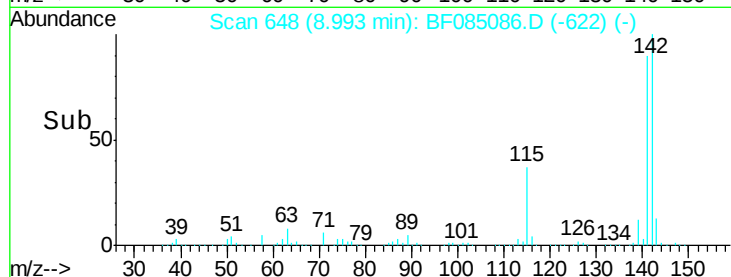
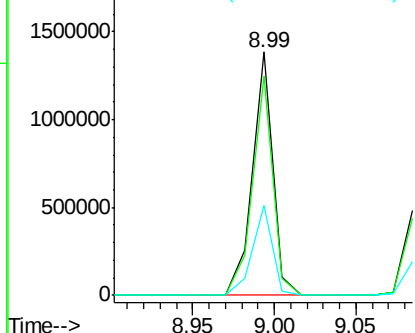
#37
 2-Methylnaphthalene
 Concen: 46.79 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 1204274
 Ion Ratio Lower Upper
 142 100
 141 90.2 69.6 104.4
 115 37.0 27.9 41.9

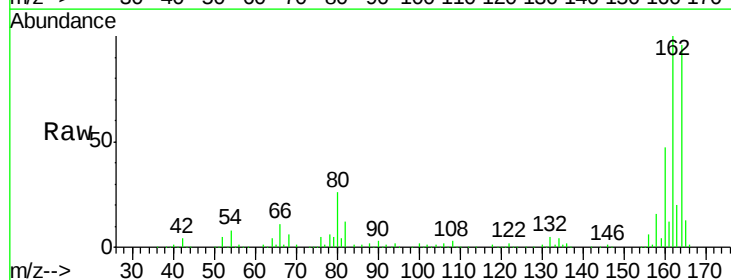


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

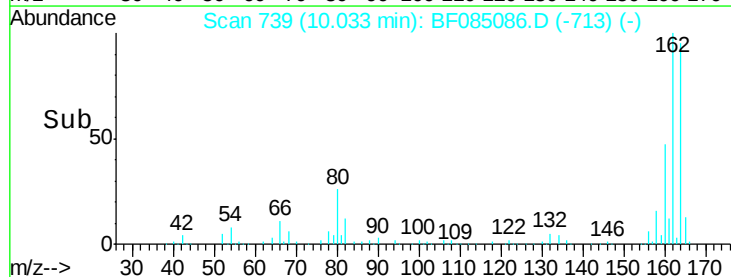
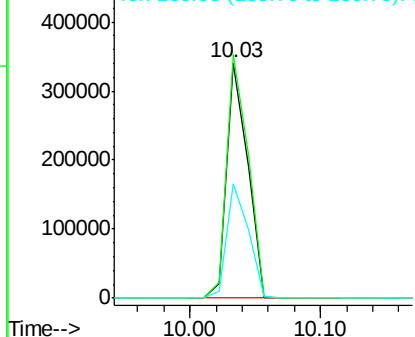


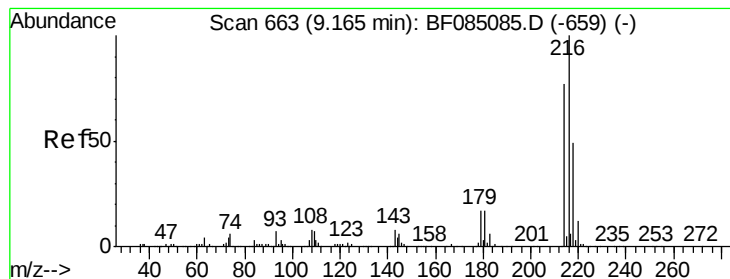
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

Tgt Ion:164 Resp: 378559
 Ion Ratio Lower Upper
 164 100
 162 103.6 81.1 121.7
 160 48.9 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: 55.98 ng

RT: 9.16 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 684678

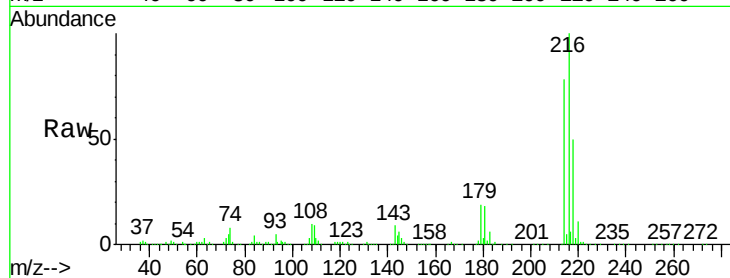
Ion Ratio Lower Upper

216 100

214 79.3 62.2 93.2

179 20.8 18.1 27.1

108 17.5 15.7 23.5

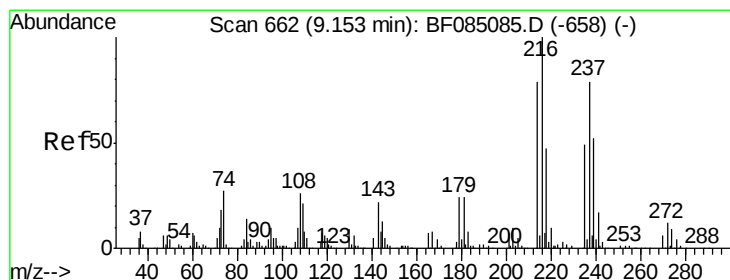
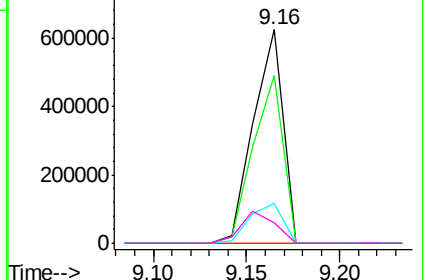
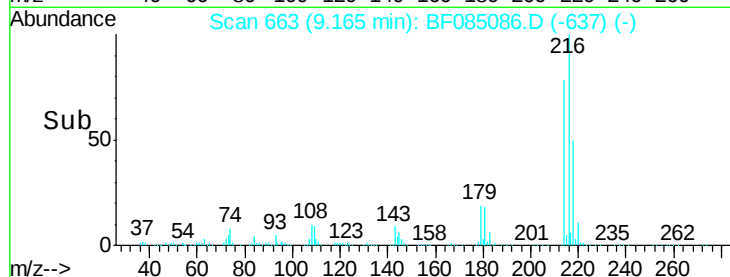


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 94.20 ng

RT: 9.15 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

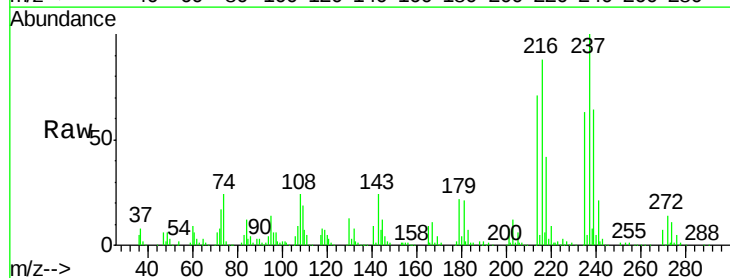
Tgt Ion:237 Resp: 383223

Ion Ratio Lower Upper

237 100

235 63.2 44.8 84.8

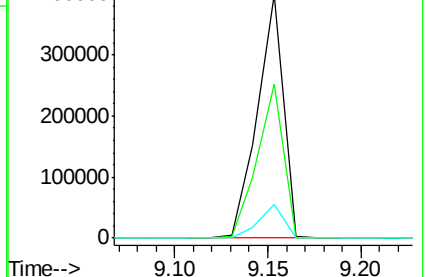
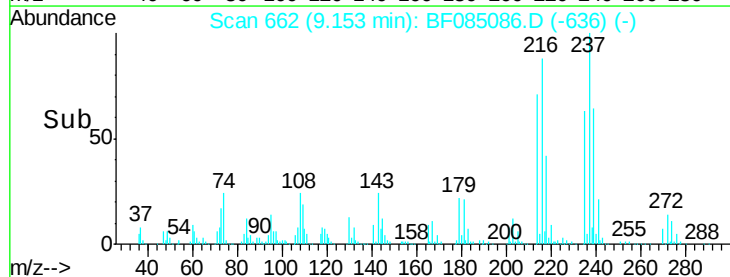
272 14.1 0.0 31.8

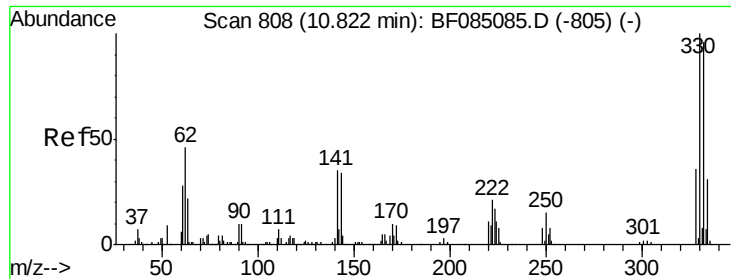


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

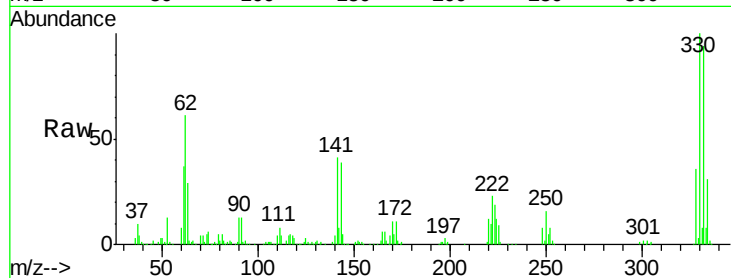




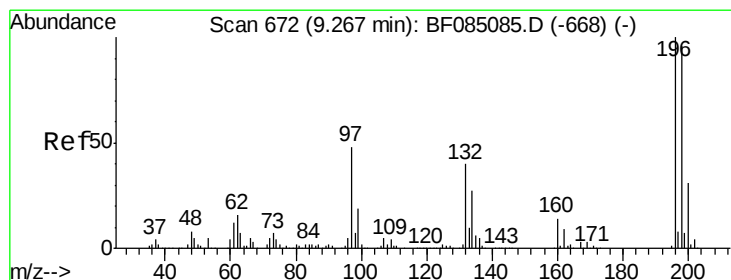
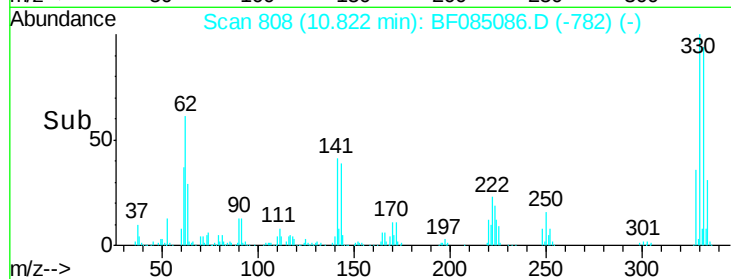
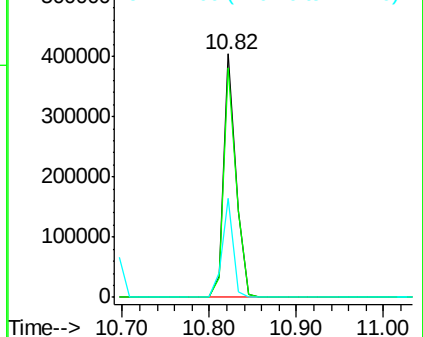
#41
 2,4,6-Tribromophenol
 Concen: 103.77 ng
 RT: 10.82 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 405755
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.5 117.7
 141 36.7 28.6 42.8

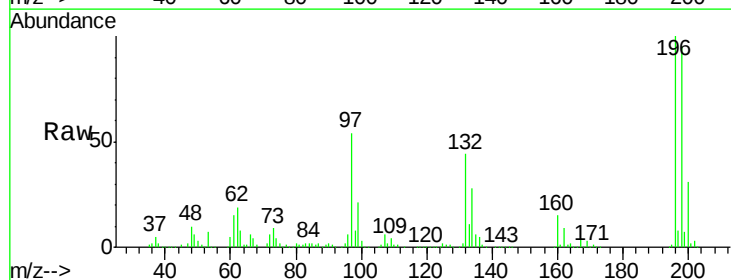


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

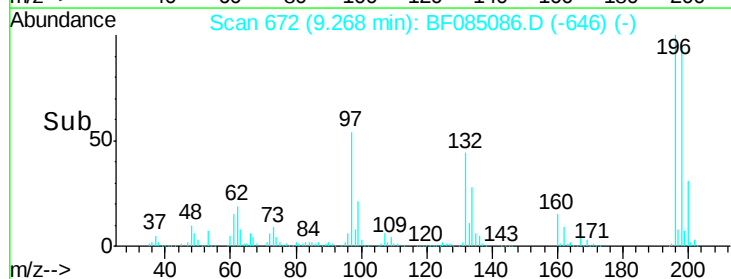
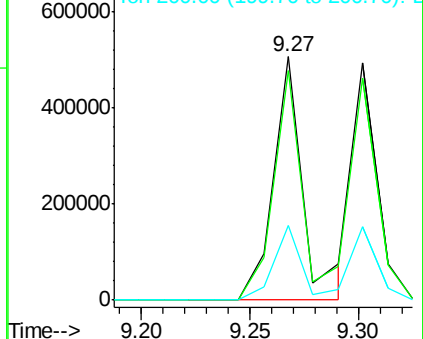


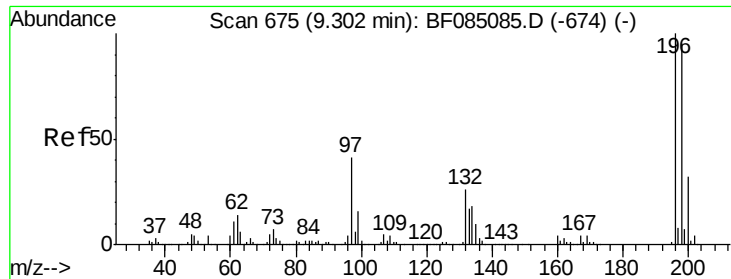
#42
 2,4,6-Trichlorophenol
 Concen: 73.15 ng
 RT: 9.27 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

Tgt Ion:196 Resp: 493368
 Ion Ratio Lower Upper
 196 100
 198 94.5 81.0 121.6
 200 30.9 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

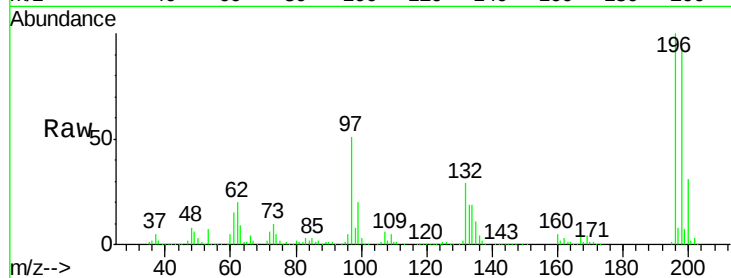




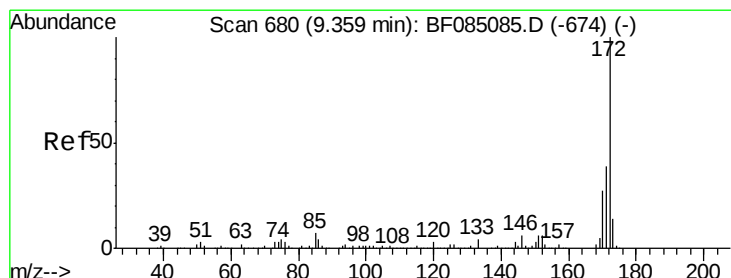
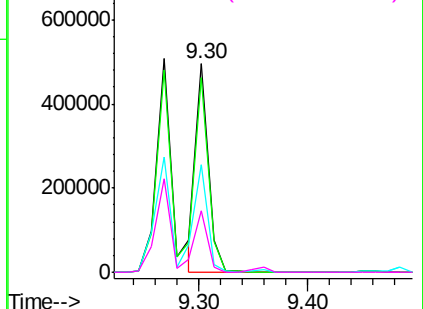
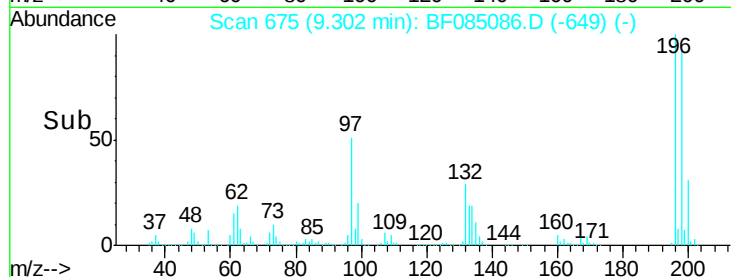
#43
 2,4,5-Trichlorophenol
 Concen: 50.74 ng
 RT: 9.30 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	398212
Ion	Ratio	Lower	Upper
196	100		
198	93.2	79.7	119.5
97	51.4	47.0	70.4
132	29.2	26.4	39.6

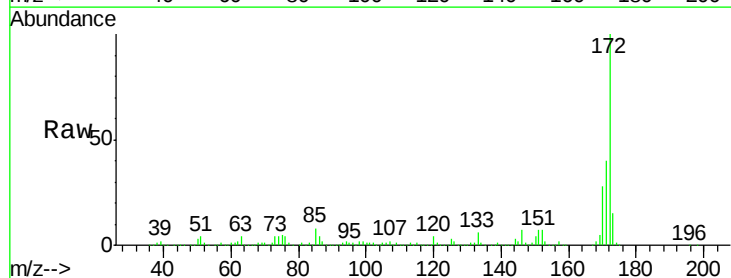


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

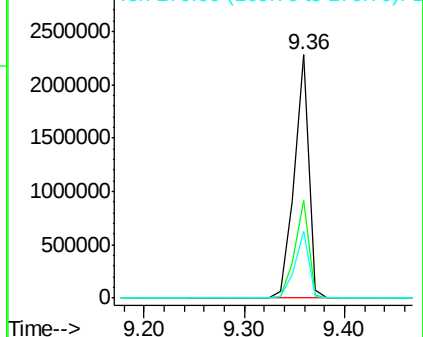
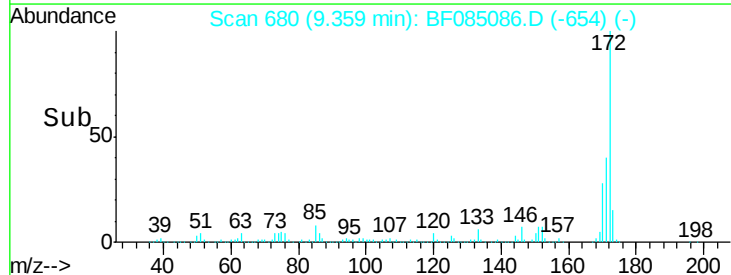


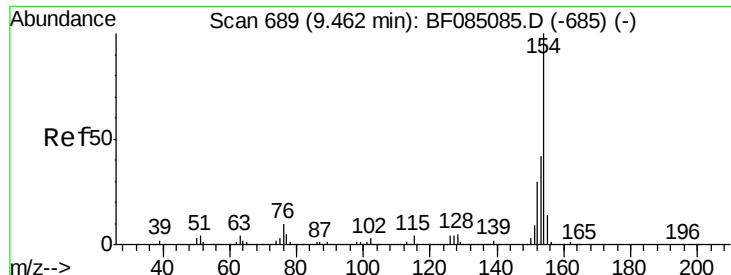
#44
 2-Fluorobiphenyl
 Concen: 86.05 ng
 RT: 9.36 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

Tgt Ion:	172	Resp:	2278832
Ion	Ratio	Lower	Upper
172	100		
171	39.9	29.1	43.7
170	27.7	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: 49.11 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampleId :

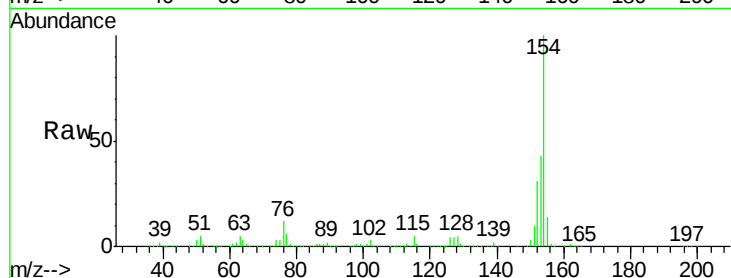
Tot Ion:154 Resp: 1691052

Ion Ratio Lower Upper

154 100

153 43.3 19.9 59.9

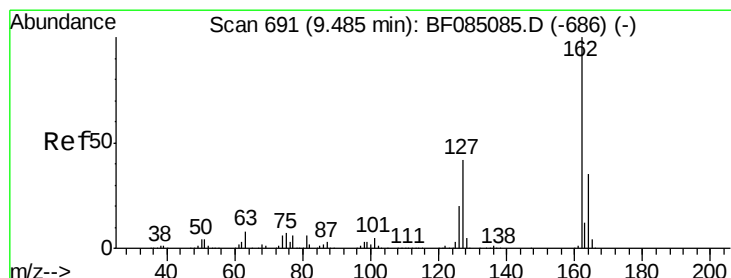
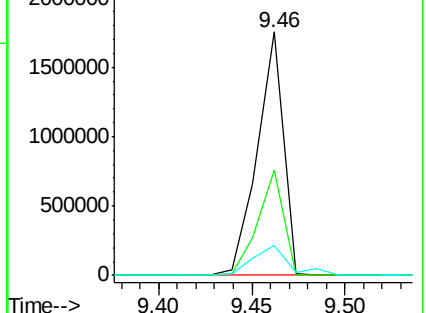
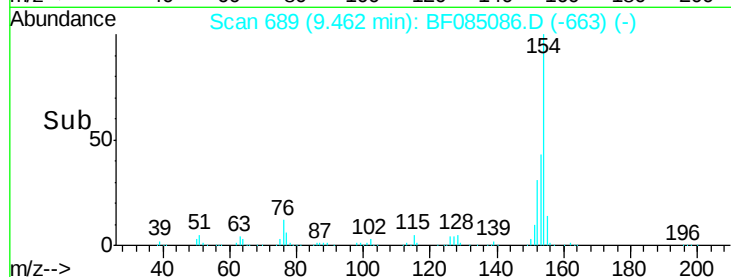
76 12.1 0.0 31.6



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: 49.98 ng

RT: 9.48 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

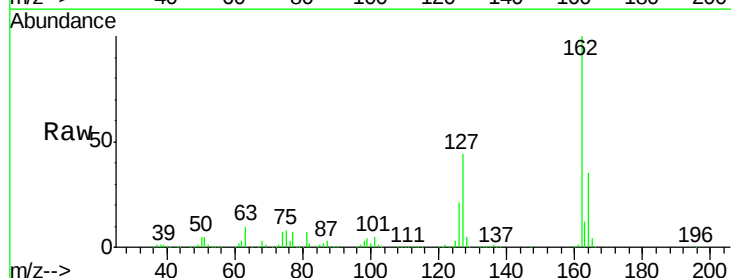
Tgt Ion:162 Resp: 1219492

Ion Ratio Lower Upper

162 100

127 43.7 34.8 52.2

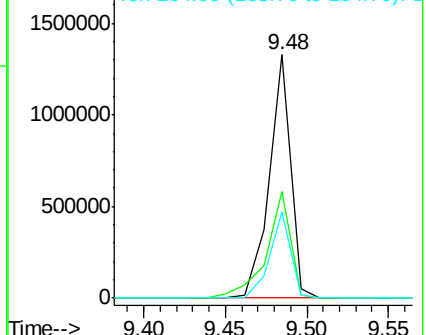
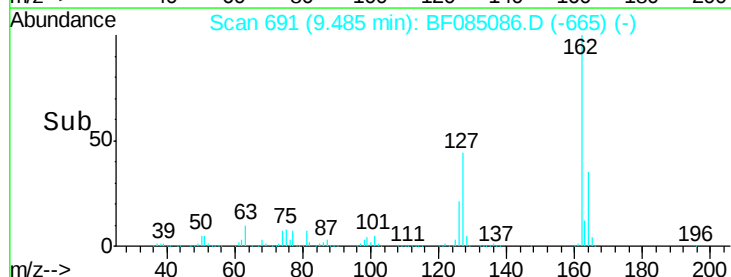
164 35.2 25.8 38.6

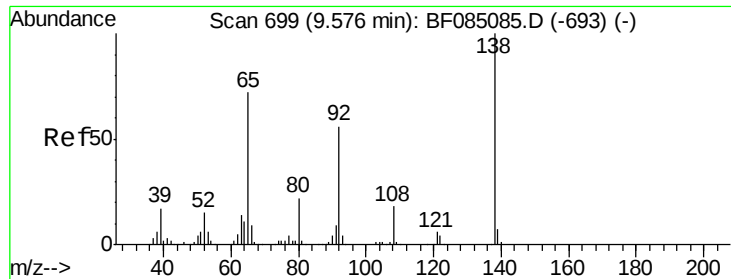


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

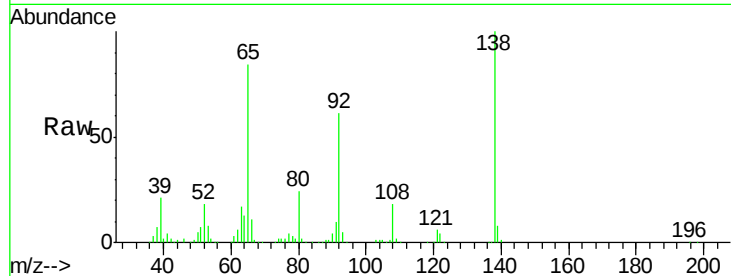




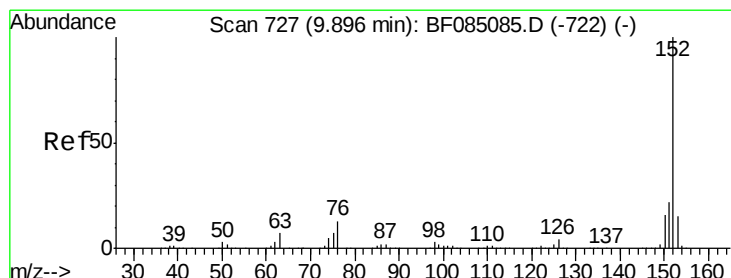
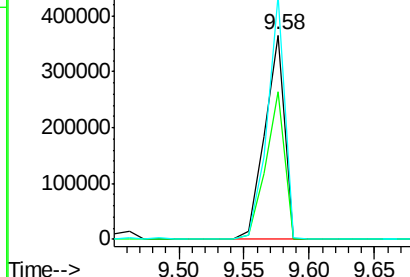
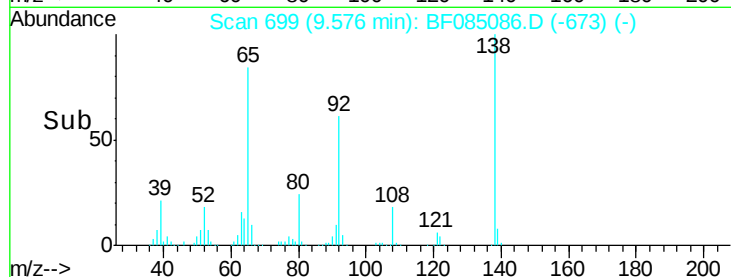
#47
2-Nitroaniline
Concen: 51.45 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 387552
Ion Ratio Lower Upper
65 100
92 72.4 57.1 85.7
138 119.3 86.8 130.2

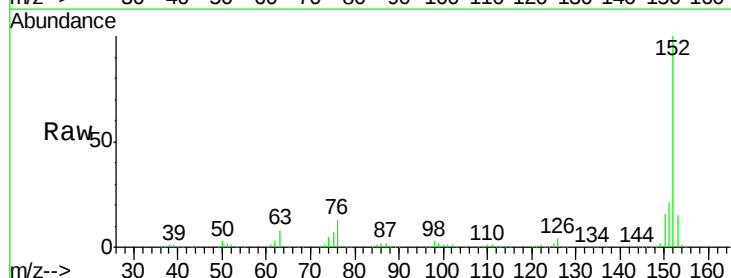


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

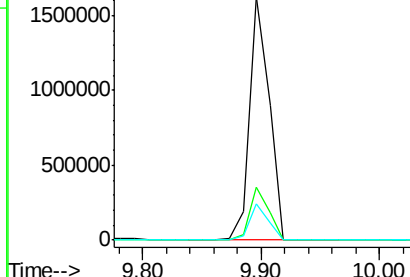
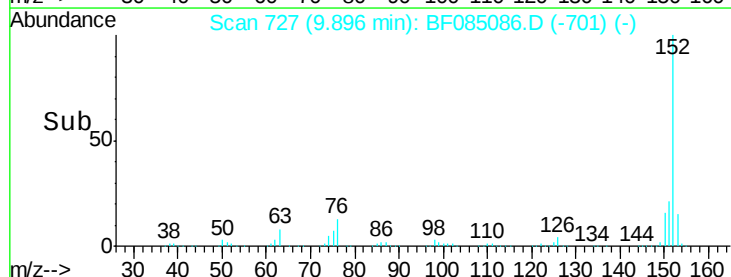


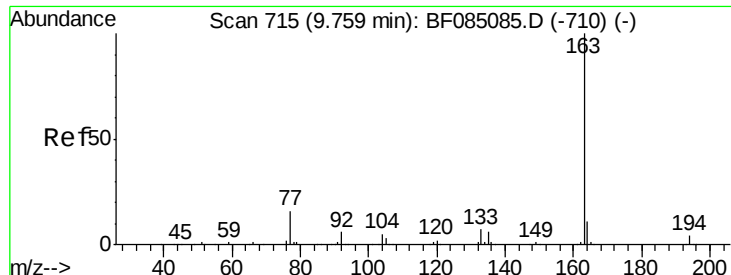
#48
Acenaphthylene
Concen: 48.31 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Tgt Ion: 152 Resp: 1871427
Ion Ratio Lower Upper
152 100
151 21.5 16.0 24.0
153 14.9 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

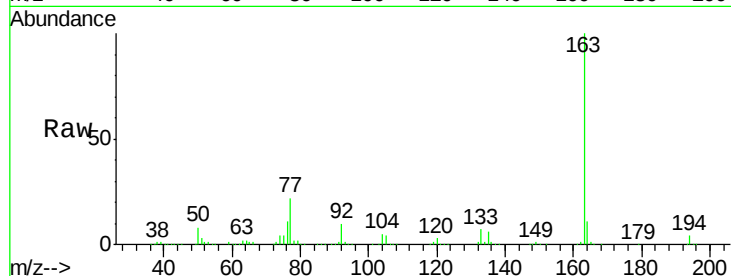




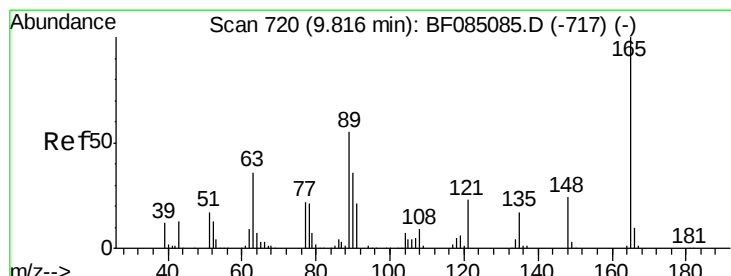
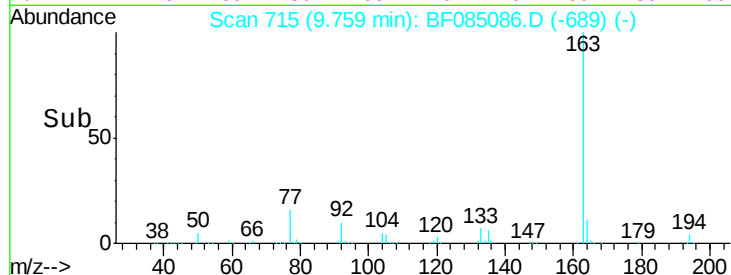
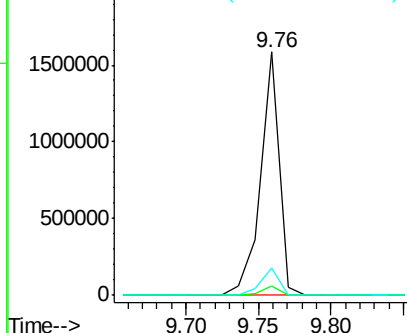
#49
Dimethylphthalate
Concen: 49.89 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1416002
Ion Ratio Lower Upper
163 100
194 4.0 2.5 3.7#
164 11.3 7.8 11.8

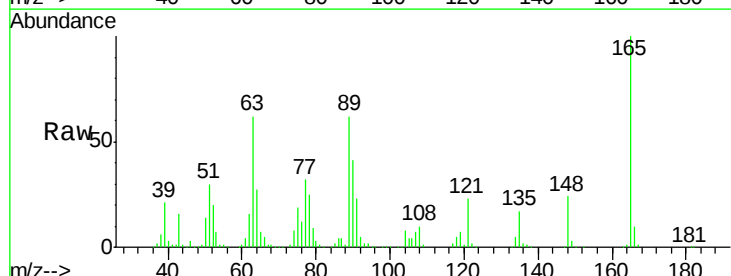


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

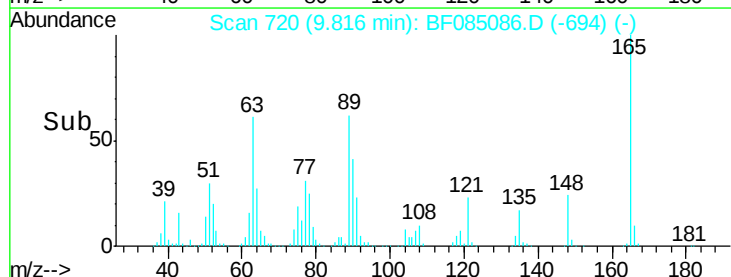
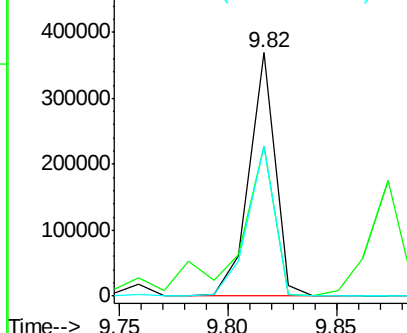


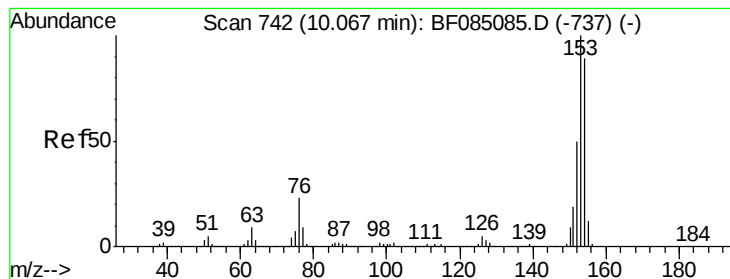
#50
2,6-Dinitrotoluene
Concen: 52.88 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Tgt Ion:165 Resp: 307923
Ion Ratio Lower Upper
165 100
63 61.7 47.5 71.3
89 61.5 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: 49.65 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampleId :

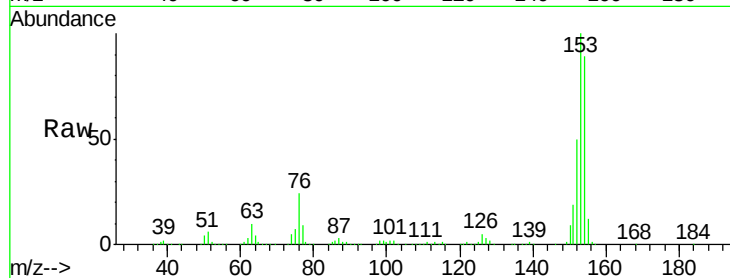
Tot Ion:154 Resp: 1162990

Ion Ratio Lower Upper

154 100

153 112.3 89.5 134.3

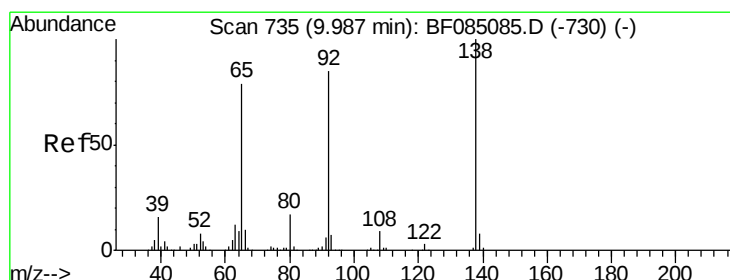
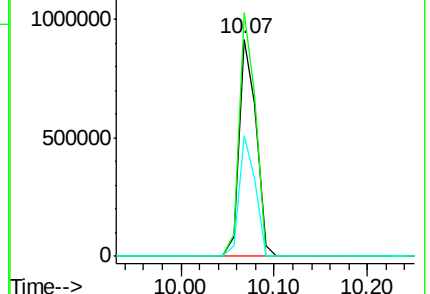
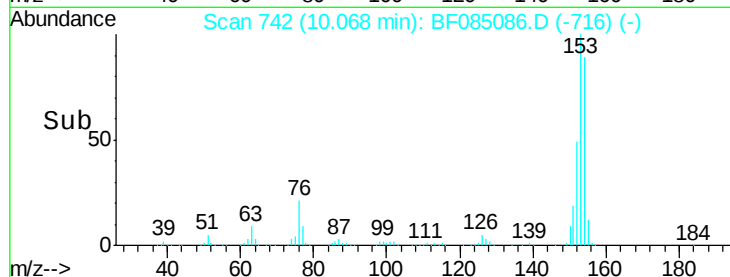
152 55.8 40.7 61.1



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: 58.95 ng

RT: 9.99 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

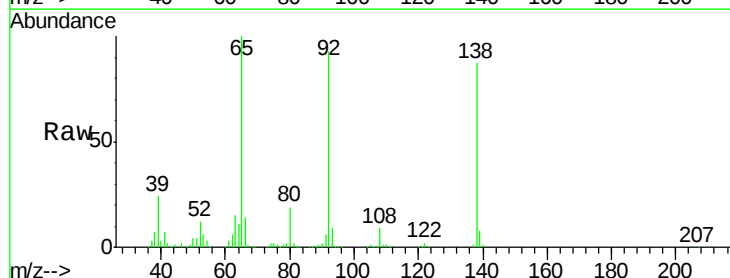
Tgt Ion:138 Resp: 381356

Ion Ratio Lower Upper

138 100

108 10.7 9.1 13.7

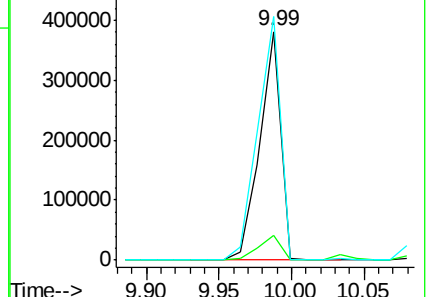
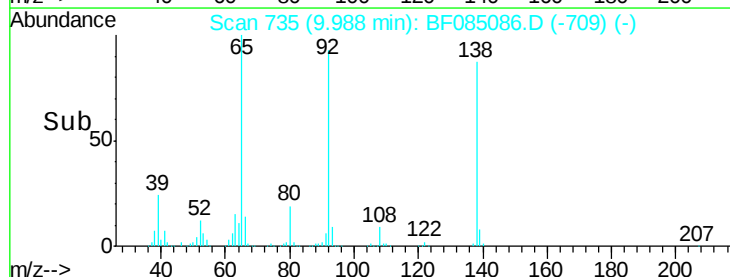
92 106.6 88.9 133.3

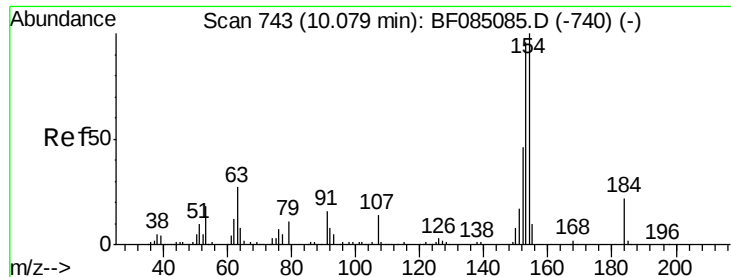


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

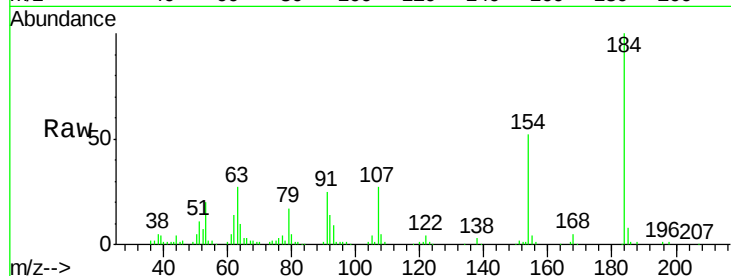




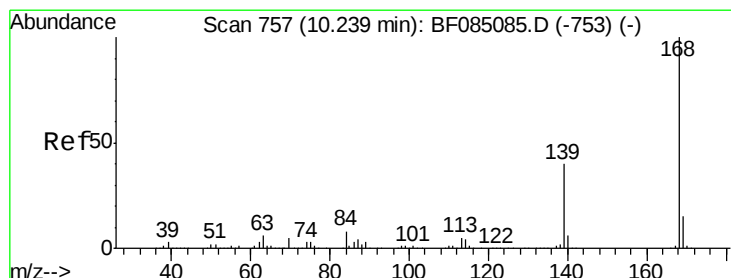
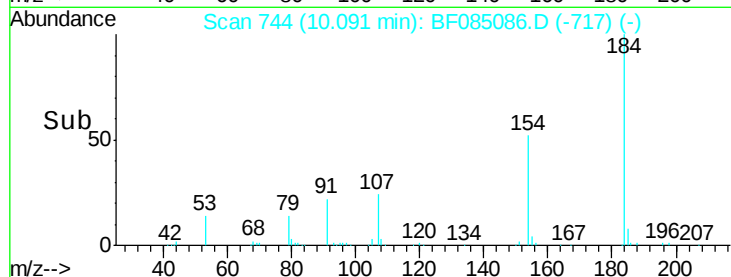
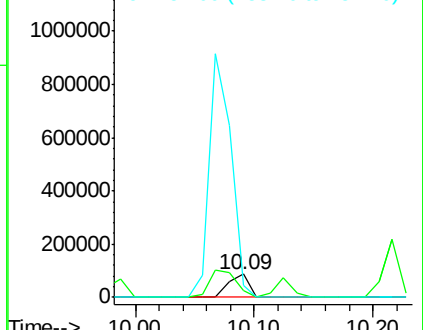
#53
2,4-Dinitrophenol
Concen: 55.76 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 107514
Ion Ratio Lower Upper
184 100
63 27.4 60.6 90.8#
154 52.3 70.2 105.2#

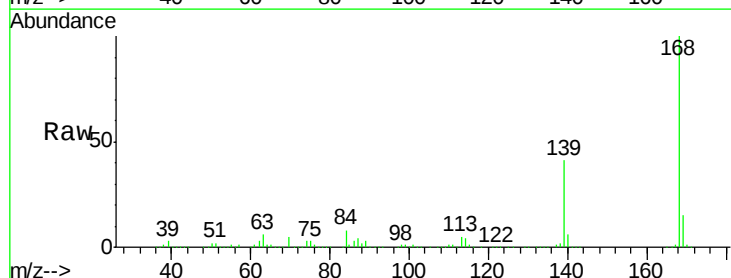


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

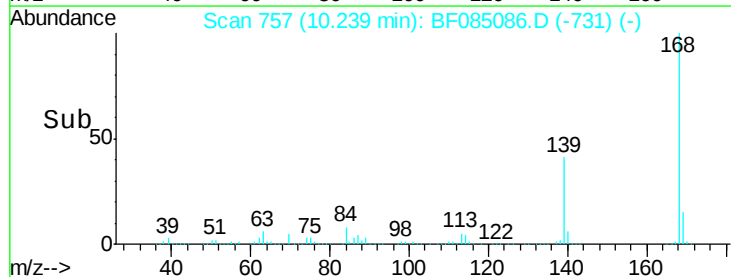
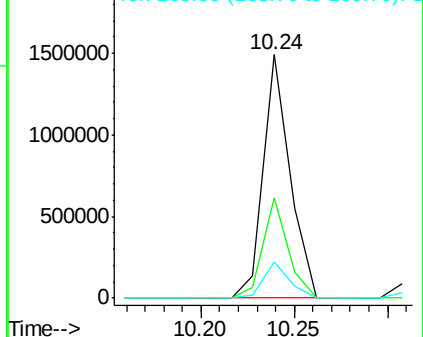


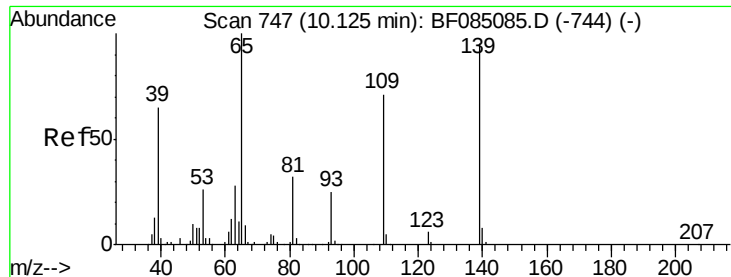
#54
Dibenzofuran
Concen: 47.91 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Tgt Ion:168 Resp: 1501164
Ion Ratio Lower Upper
168 100
139 41.2 33.0 49.4
169 14.9 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

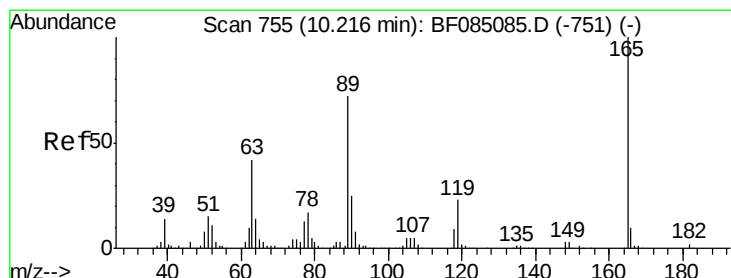
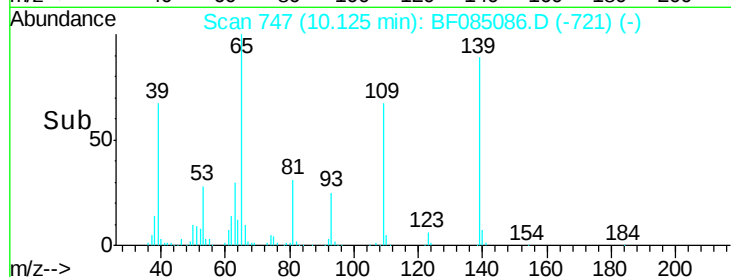
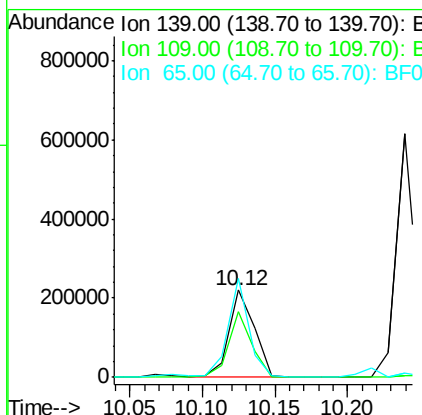
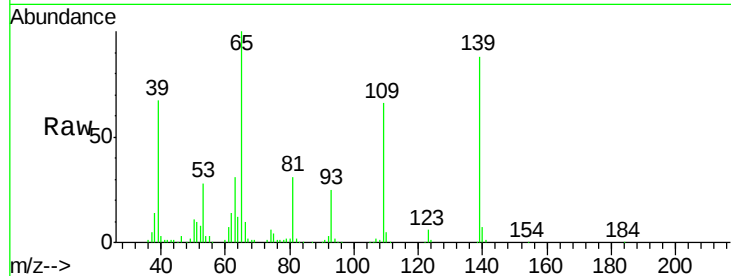




#55
4-Nitrophenol
Concen: 63.81 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

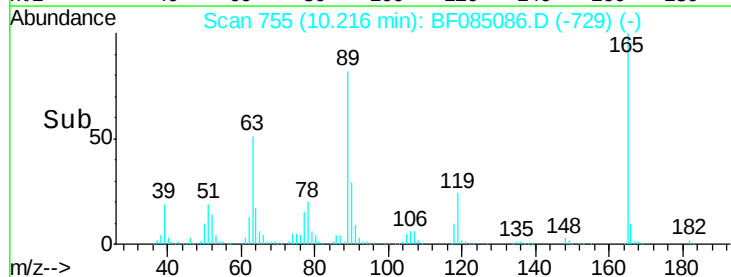
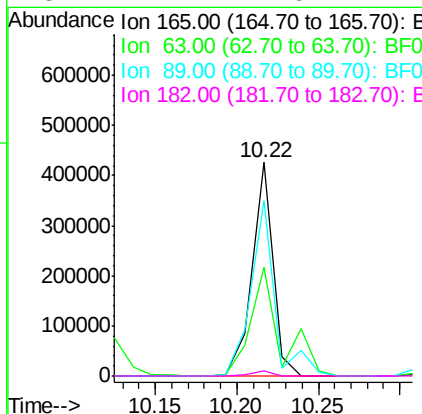
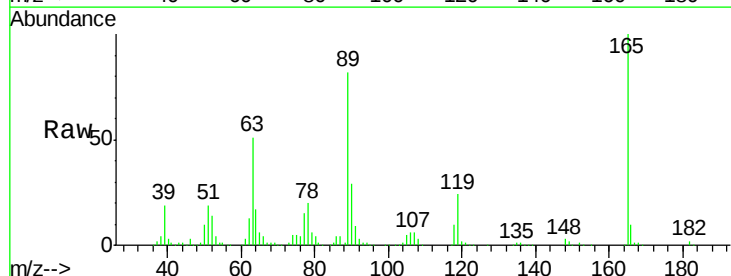
Instrument :
BNA_F
ClientSampleId :

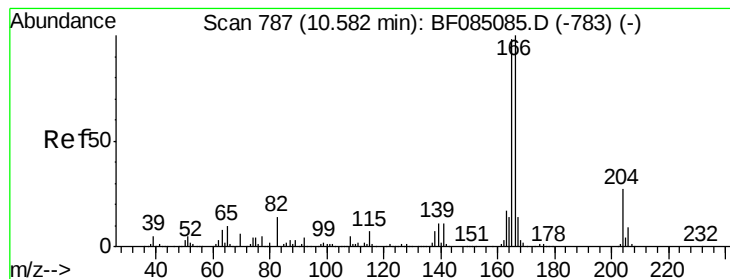
Tot Ion:139 Resp: 264855
Ion Ratio Lower Upper
139 100
109 75.1 48.7 88.7
65 113.3 78.8 118.8



#56
2,4-Dinitrotoluene
Concen: 47.60 ng
RT: 10.22 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Tgt Ion:165 Resp: 377601
Ion Ratio Lower Upper
165 100
63 51.0 36.6 55.0
89 82.2 54.4 81.6#
182 2.1 1.6 2.4





#57

Fluorene

Concen: 45.24 ng

RT: 10.58 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampled :

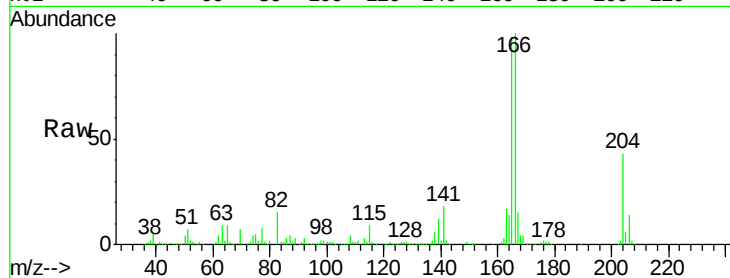
Tot Ion:166 Resp: 1215515

Ion Ratio Lower Upper

166 100

165 97.6 78.9 118.3

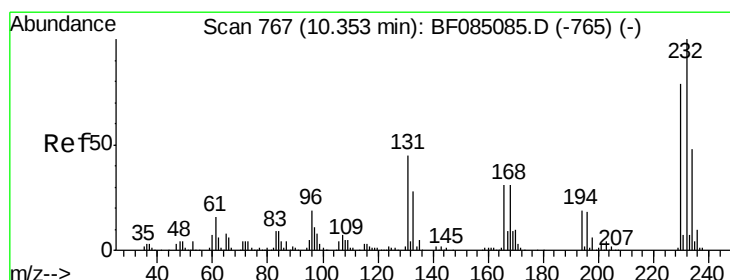
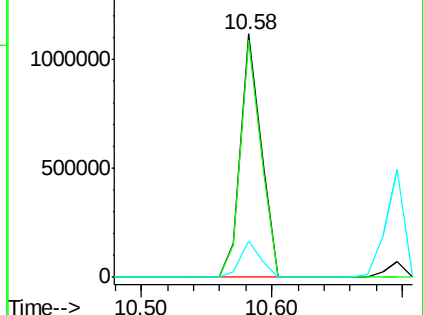
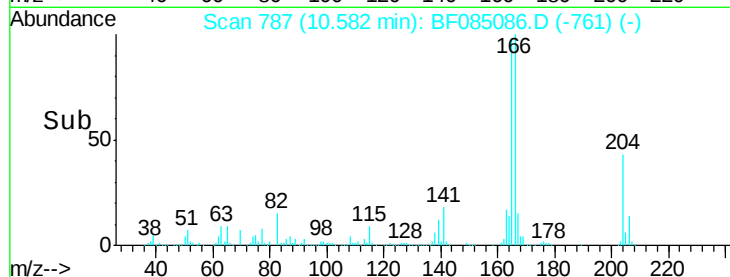
167 14.7 10.9 16.3



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: 56.91 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Tgt Ion:232 Resp: 353238

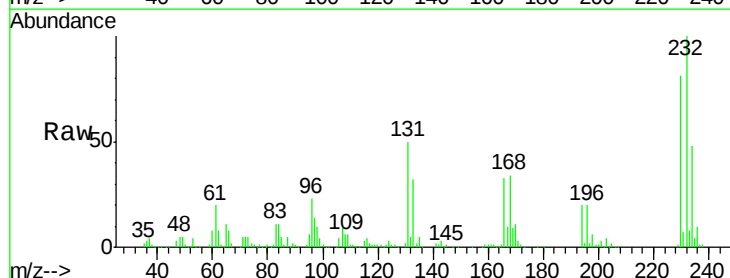
Ion Ratio Lower Upper

232 100

131 46.0 39.7 59.5

130 2.3 1.8 2.8

166 30.4 24.2 36.2

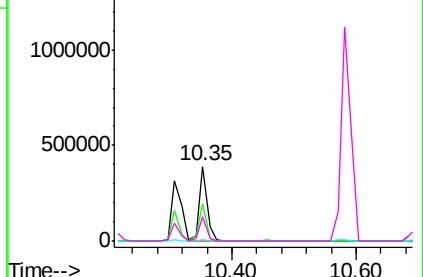
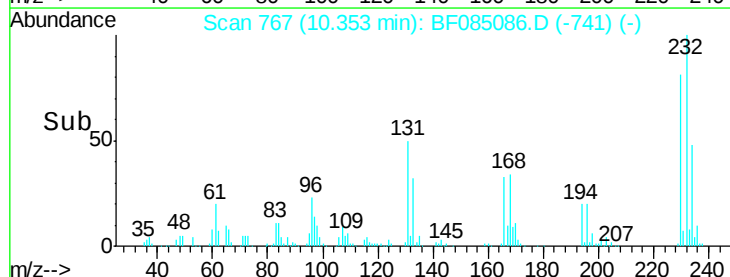


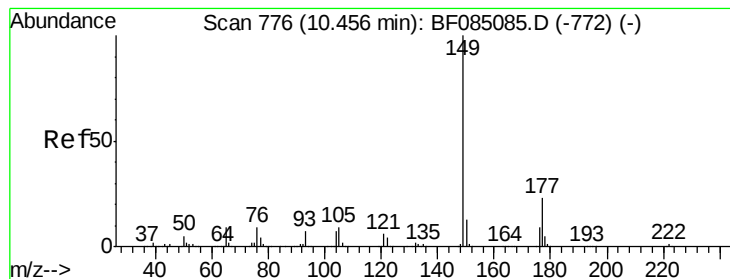
Abundance Ion 232.00 (231.70 to 232.70): E

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: 51.00 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampleId :

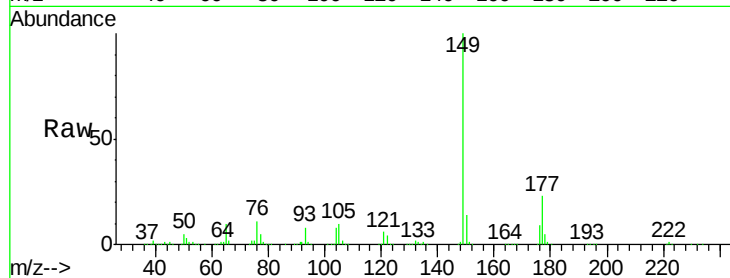
Tot Ion:149 Resp: 1434375

Ion Ratio Lower Upper

149 100

177 23.3 16.4 24.6

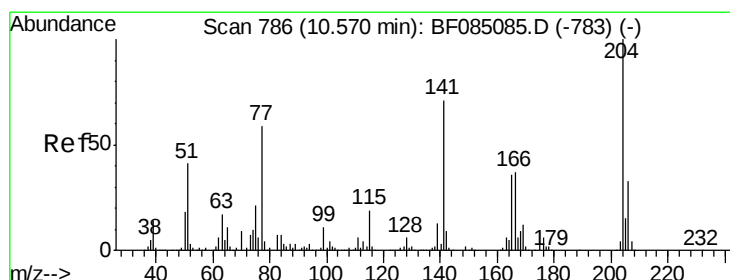
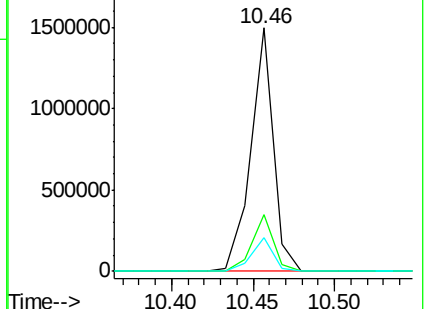
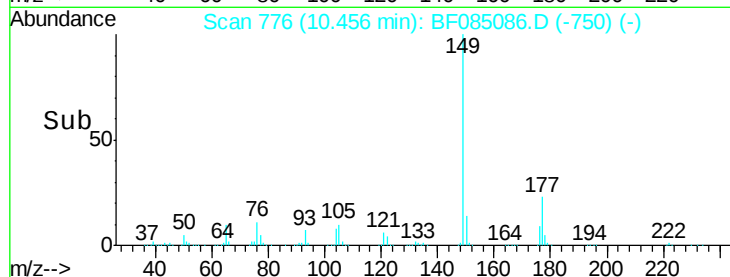
150 13.8 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 50.95 ng

RT: 10.58 min Scan# 787

Delta R.T. 0.01 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

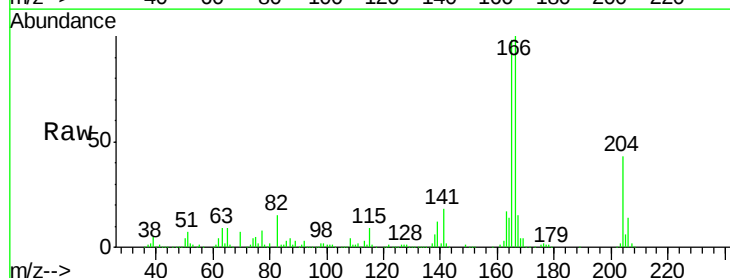
Tgt Ion:204 Resp: 656065

Ion Ratio Lower Upper

204 100

206 33.7 25.8 38.6

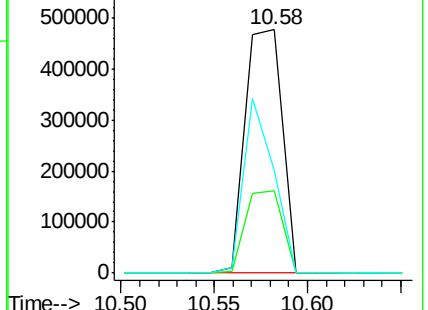
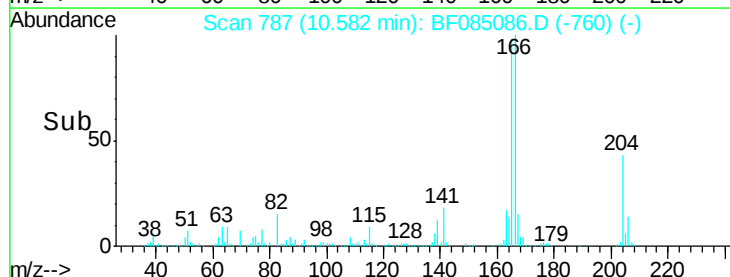
141 42.1 50.5 75.7#

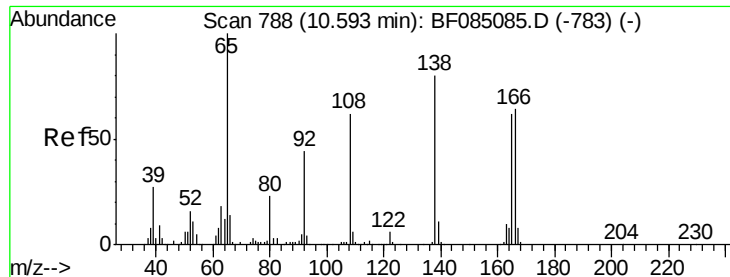


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

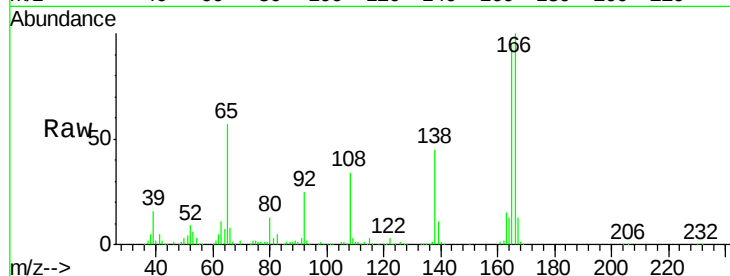




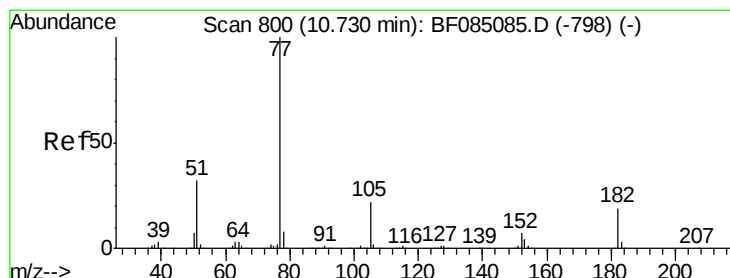
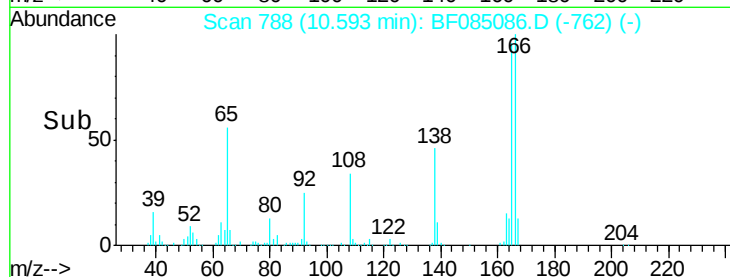
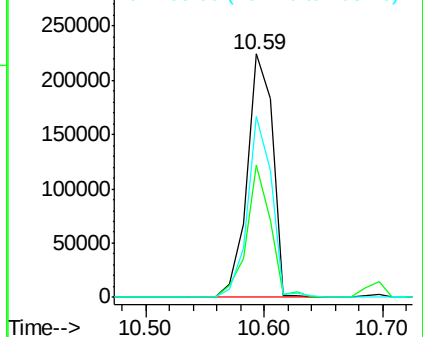
#61
4-Nitroaniline
Concen: 56.74 ng
RT: 10.59 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 337265
Ion Ratio Lower Upper
138 100
92 54.3 32.6 72.6
108 74.2 54.6 94.6

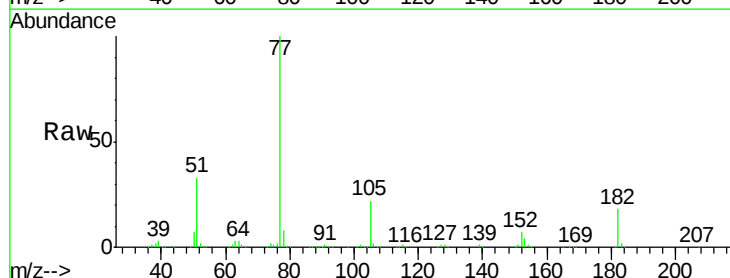


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

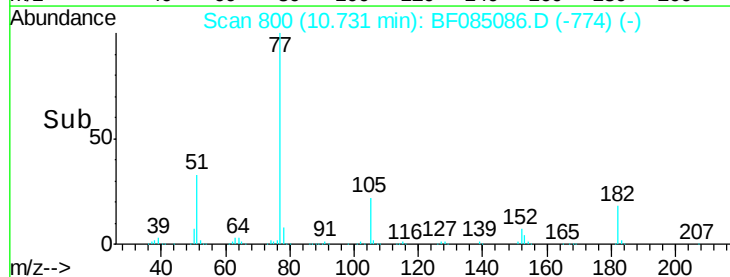
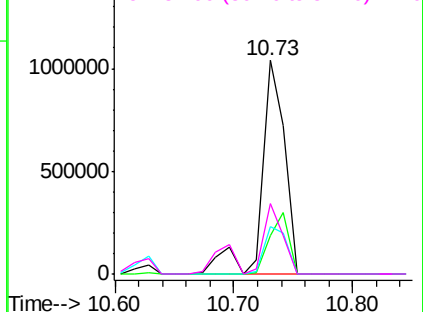


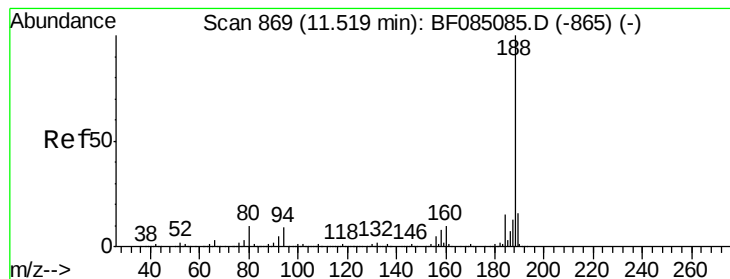
#62
Azobenzene
Concen: 51.92 ng
RT: 10.73 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Tgt Ion: 77 Resp: 1406872
Ion Ratio Lower Upper
77 100
182 17.7 1.3 41.3
105 21.9 4.2 44.2
51 33.0 13.5 53.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampleId :

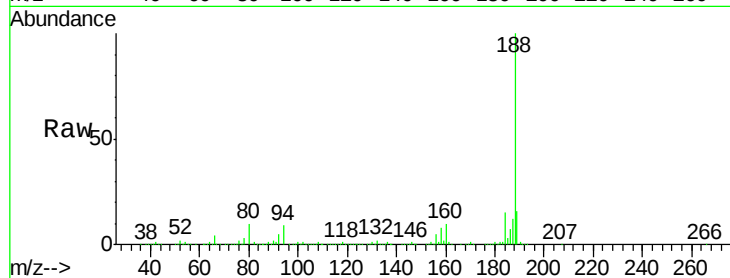
Tot Ion:188 Resp: 795566

Ion Ratio Lower Upper

188 100

94 9.4 6.2 9.2#

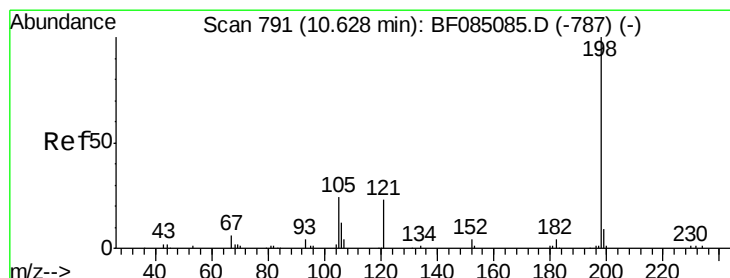
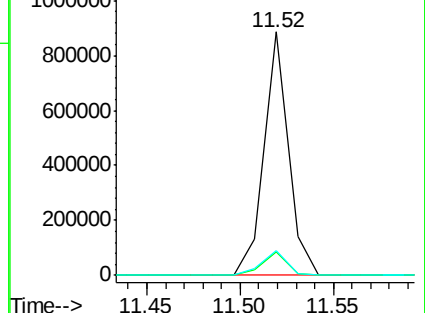
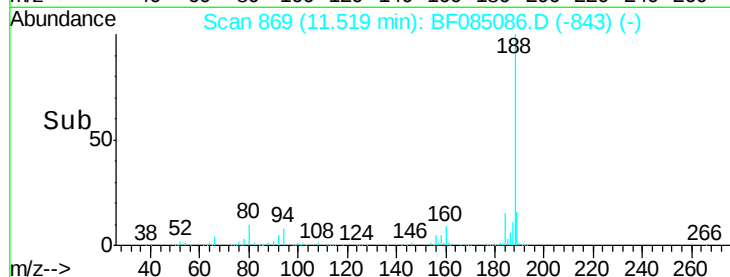
80 10.0 6.6 9.8#



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: 49.34 ng

RT: 10.63 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

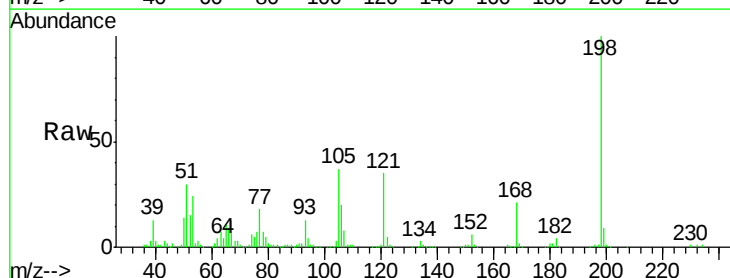
Tgt Ion:198 Resp: 209033

Ion Ratio Lower Upper

198 100

51 30.3 34.5 74.5#

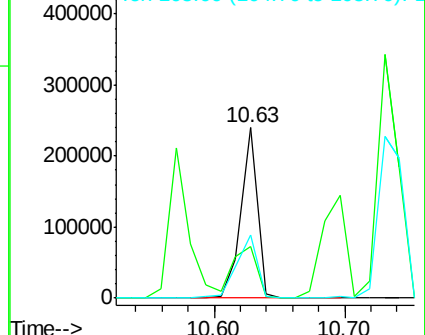
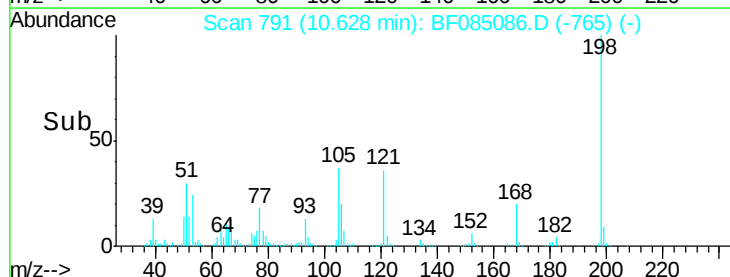
105 37.4 26.2 66.2

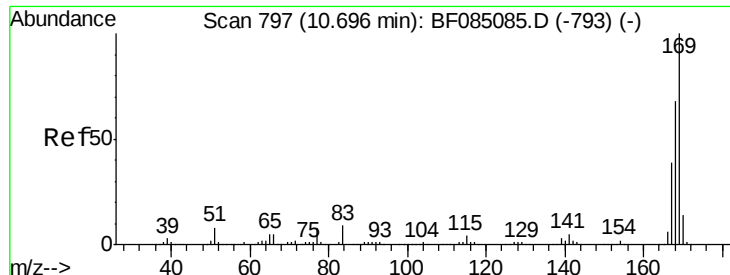


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

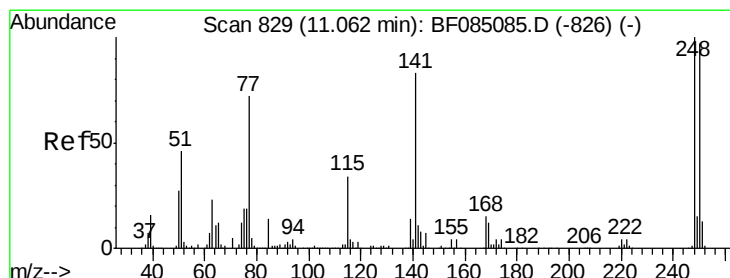
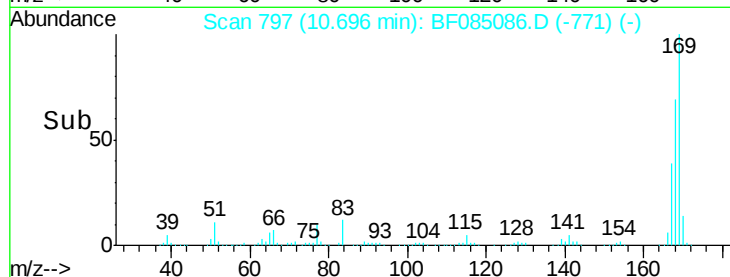
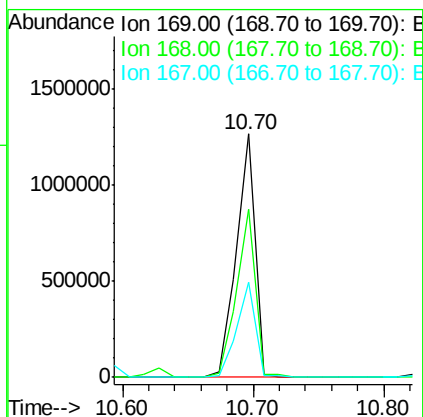
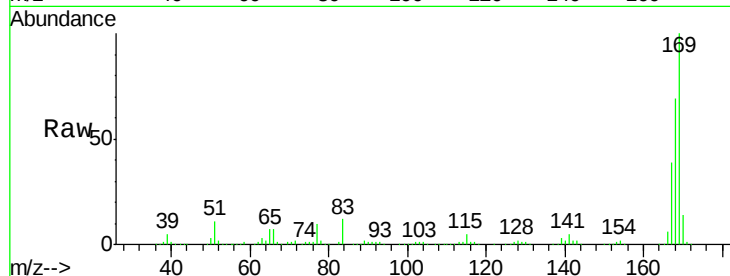




#65
 n-Nitrosodiphenylamine
 Concen: 49.53 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

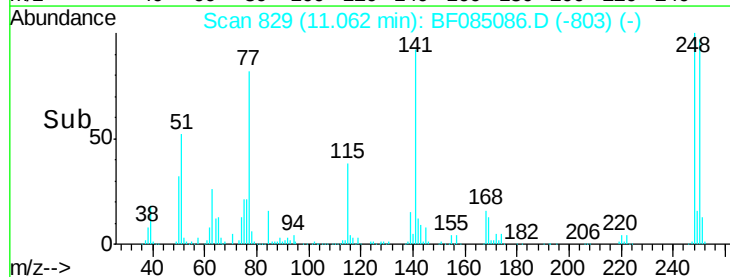
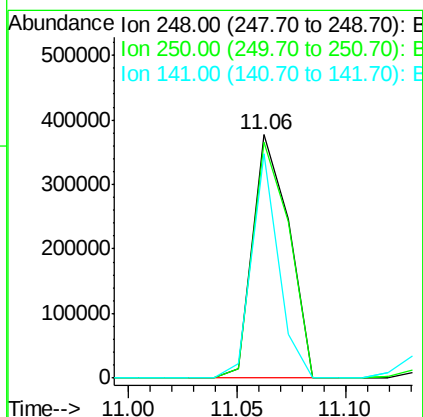
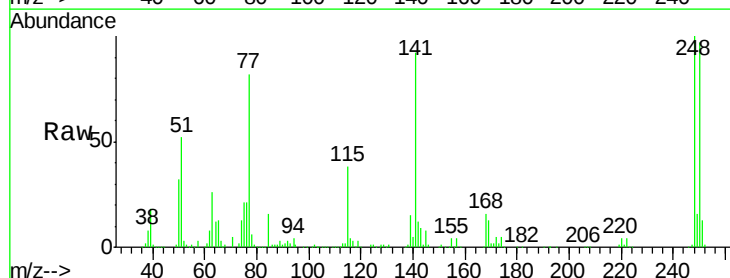
Instrument :
 BNA_F
 ClientSampleId :

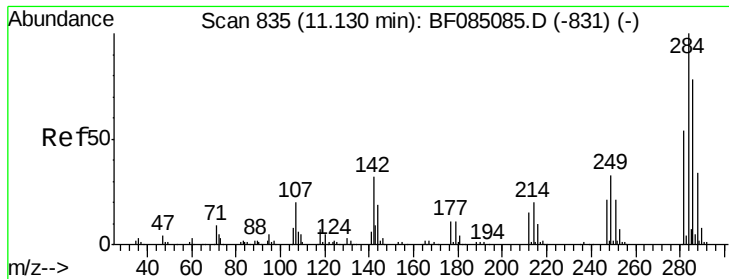
Tot Ion:169 Resp: 1251054
 Ion Ratio Lower Upper
 169 100
 168 68.9 54.8 82.2
 167 39.2 29.8 44.8



#66
 4-Bromophenyl-phenylether
 Concen: 49.36 ng
 RT: 11.06 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

Tgt Ion:248 Resp: 437452
 Ion Ratio Lower Upper
 248 100
 250 96.7 77.5 116.3
 141 91.9 58.2 87.4#

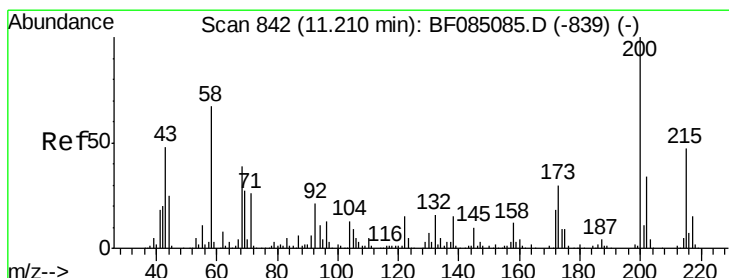
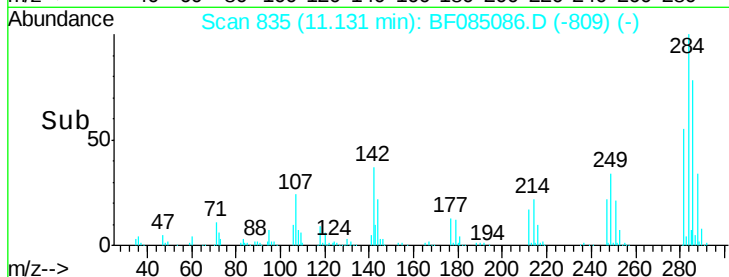
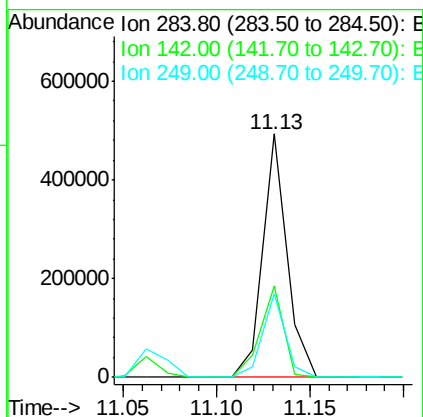
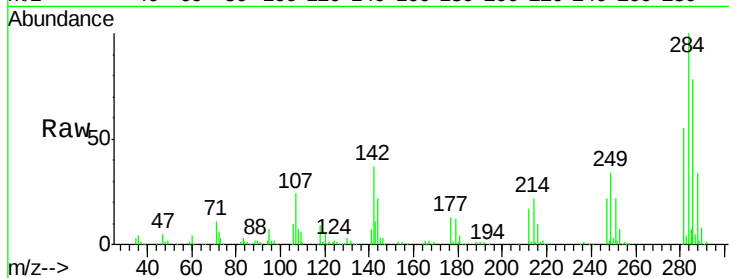




#67
Hexachlorobenzene
Concen: 47.56 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

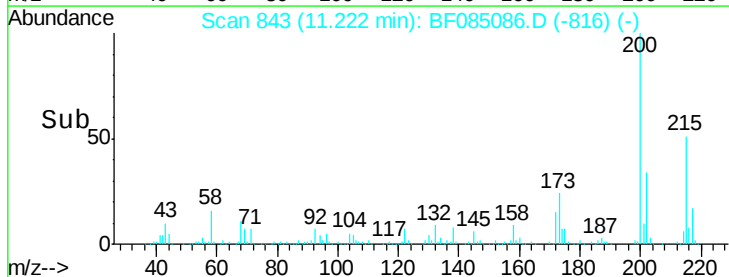
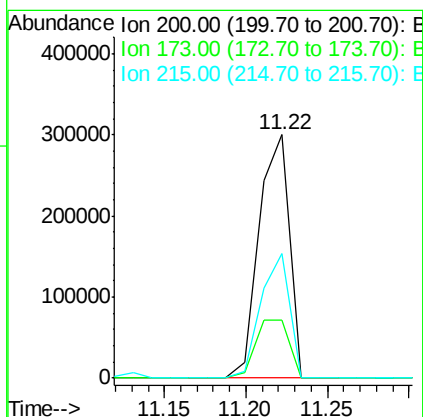
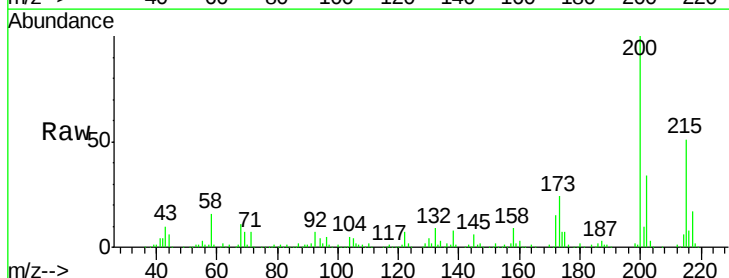
Instrument :
BNA_F
ClientSampleId :

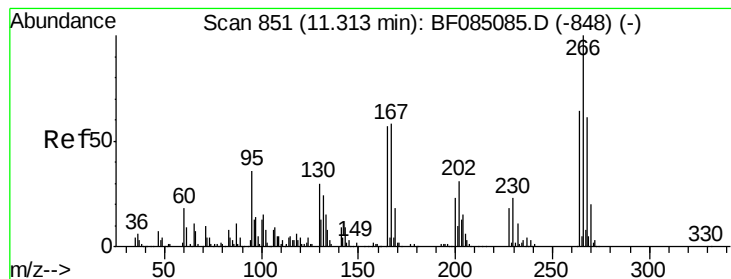
Tot Ion:284 Resp: 450608
Ion Ratio Lower Upper
284 100
142 37.4 33.5 50.3
249 34.3 27.4 41.2



#68
Atrazine
Concen: 52.99 ng
RT: 11.22 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Tgt Ion:200 Resp: 387973
Ion Ratio Lower Upper
200 100
173 23.8 4.7 44.7
215 51.4 24.8 64.8





#69

Pentachlorophenol

Concen: 85.35 ng

RT: 11.32 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampleId :

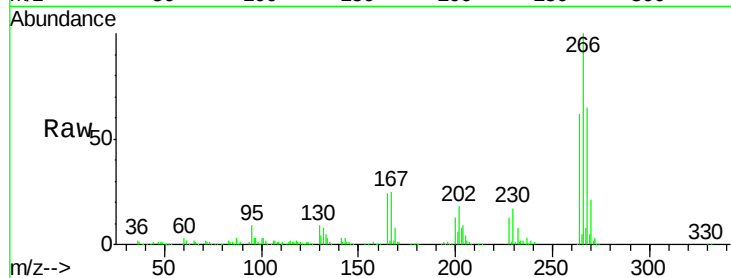
Tot Ion:266 Resp: 310906

Ion Ratio Lower Upper

266 100

268 64.8 47.3 70.9

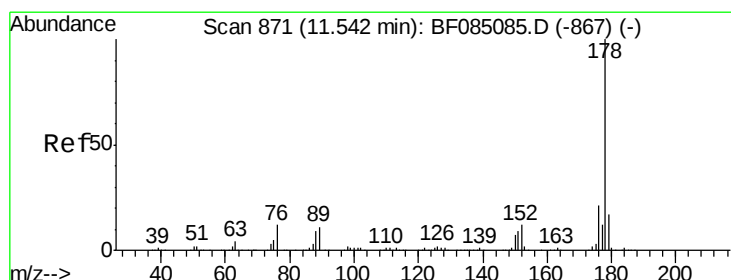
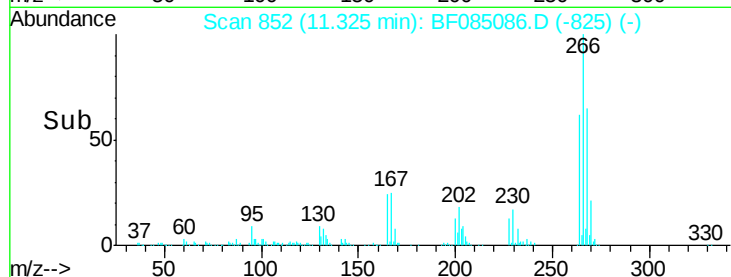
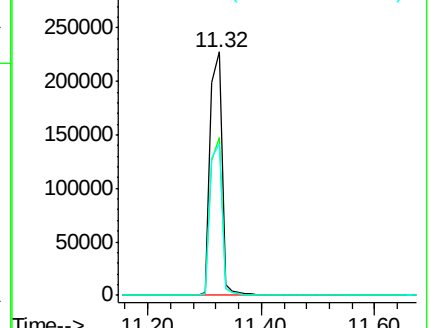
264 62.0 49.8 74.6



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 41.67 ng

RT: 11.54 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

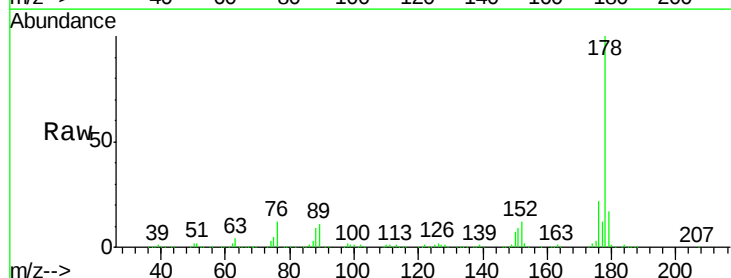
Tgt Ion:178 Resp: 1827782

Ion Ratio Lower Upper

178 100

176 21.7 15.9 23.9

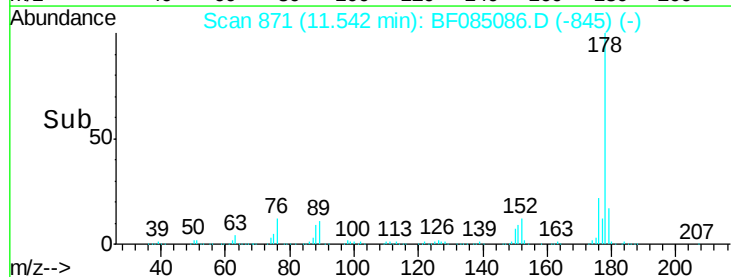
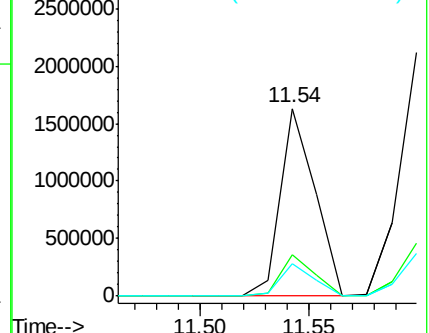
179 17.2 13.1 19.7

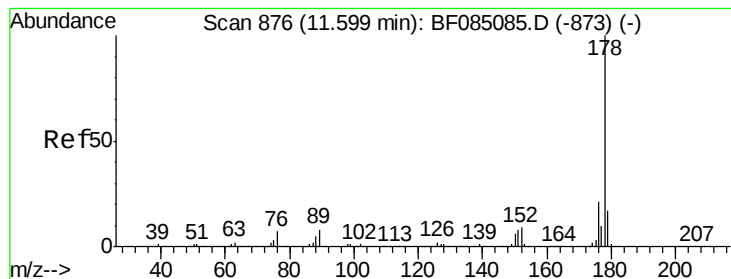


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

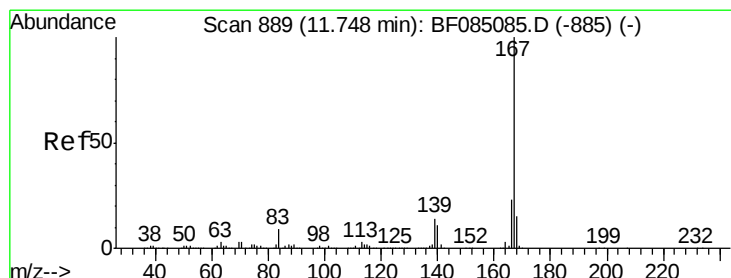
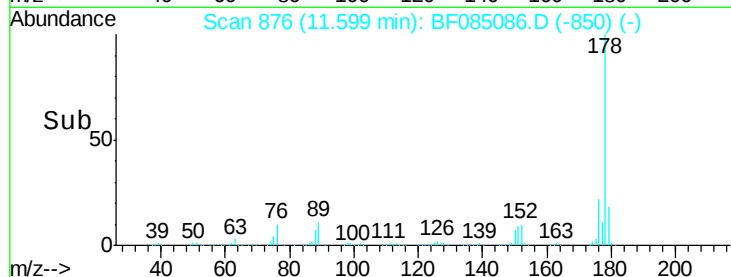
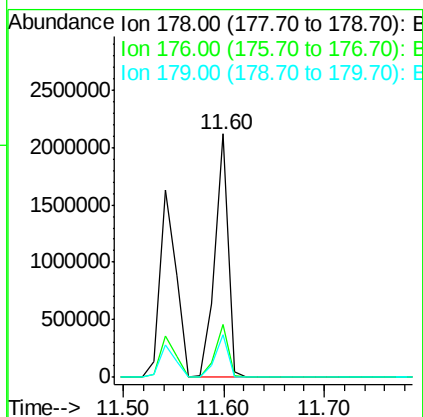
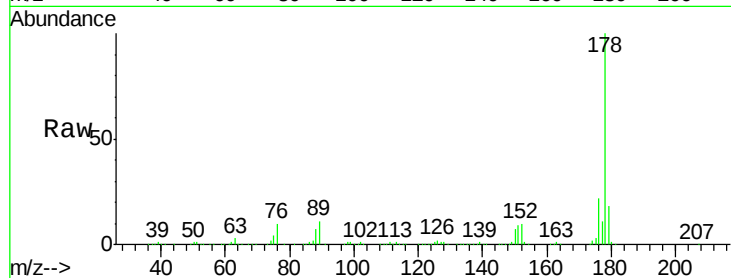




#71
 Anthracene
 Concen: 42.29 ng
 RT: 11.60 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

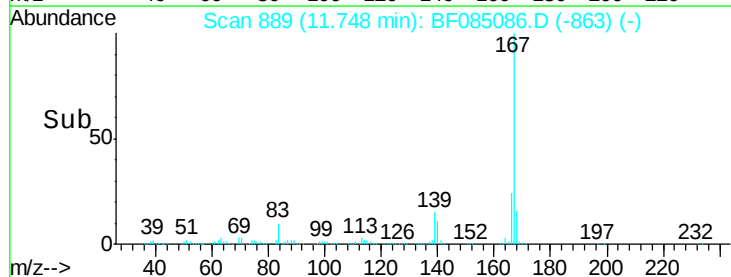
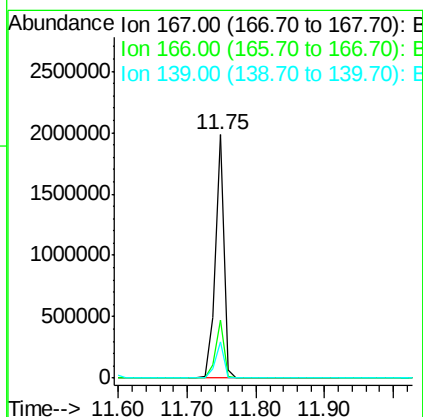
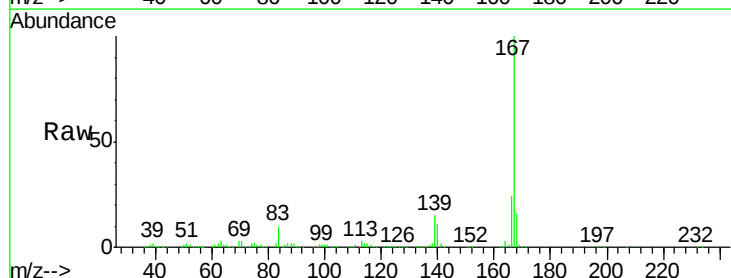
Instrument :
 BNA_F
 ClientSampleId :

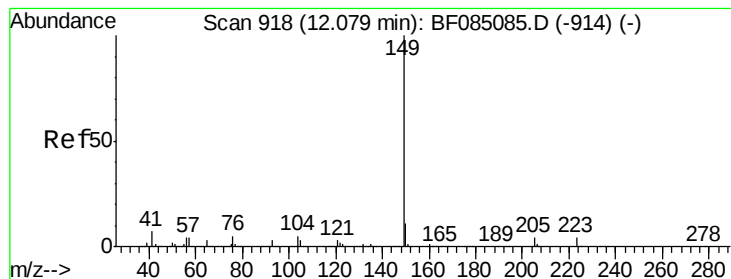
Tot Ion:178 Resp: 1938703
 Ion Ratio Lower Upper
 178 100
 176 21.7 14.8 22.2
 179 17.5 12.2 18.2



#72
 Carbazole
 Concen: 46.41 ng
 RT: 11.75 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

Tgt Ion:167 Resp: 1761747
 Ion Ratio Lower Upper
 167 100
 166 23.9 17.4 26.0
 139 14.7 11.0 16.6





#73

Di-n-butylphthalate

Concen: 41.16 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampleId :

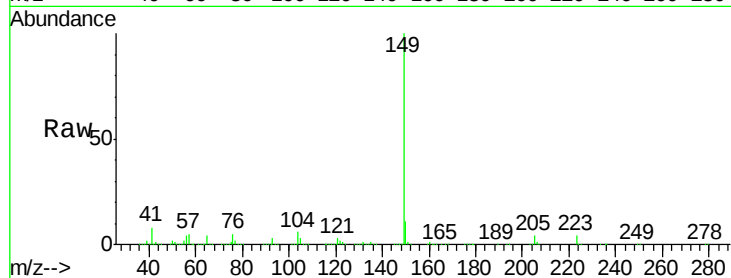
Tot Ion:149 Resp: 2050562

Ion Ratio Lower Upper

149 100

150 11.0 7.5 11.3

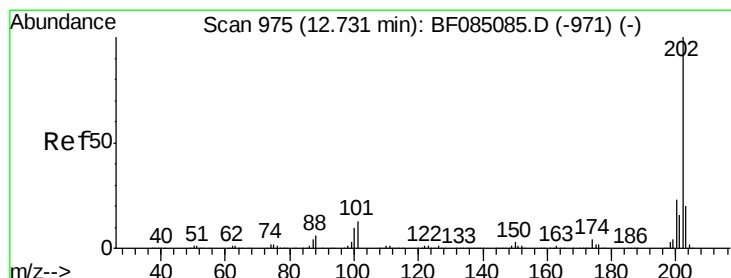
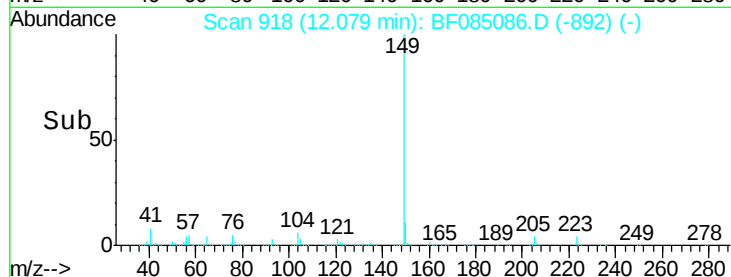
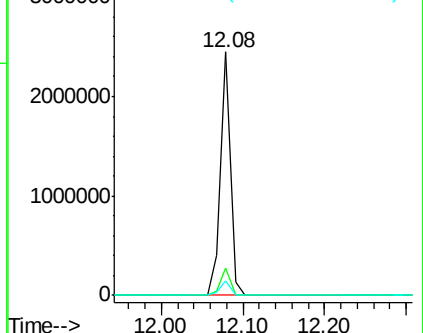
104 5.7 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.99 ng

RT: 12.73 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

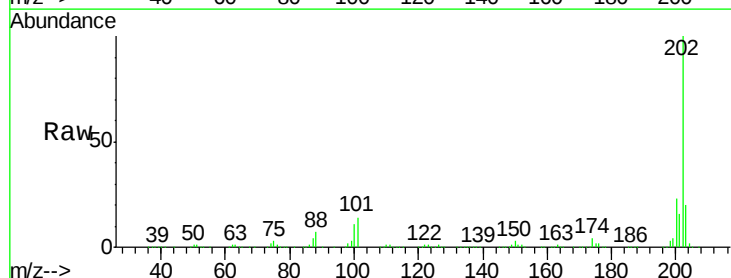
Tgt Ion:202 Resp: 1966354

Ion Ratio Lower Upper

202 100

101 14.0 0.0 29.8

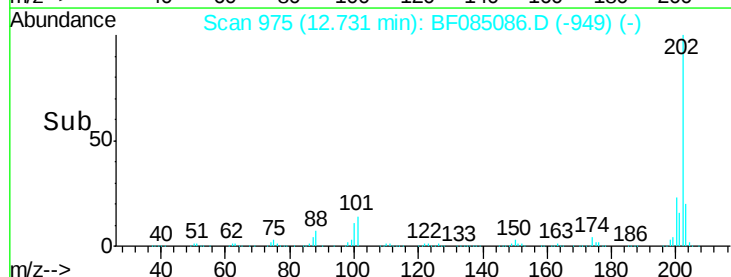
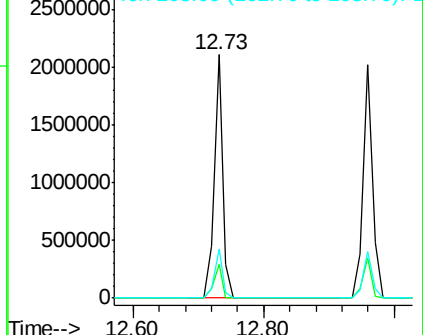
203 20.0 0.0 37.5

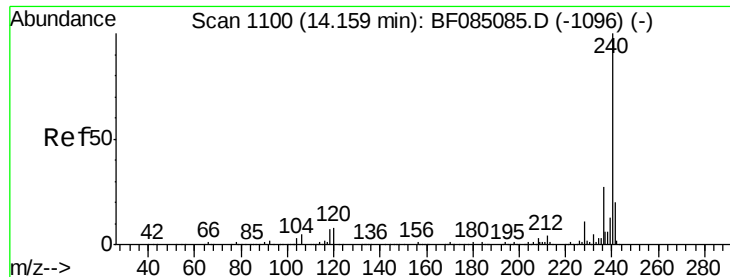


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampleId :

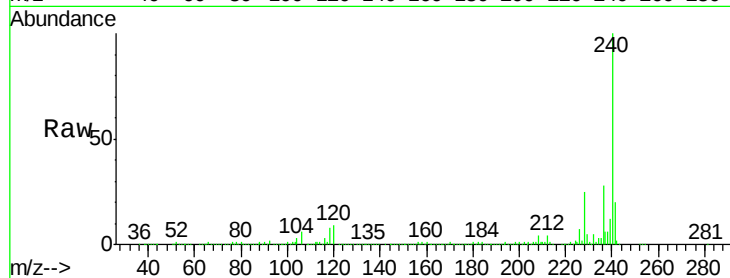
Tot Ion:240 Resp: 802063

Ion Ratio Lower Upper

240 100

120 9.3 7.0 10.6

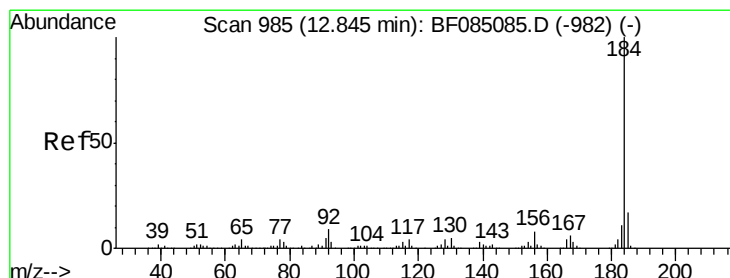
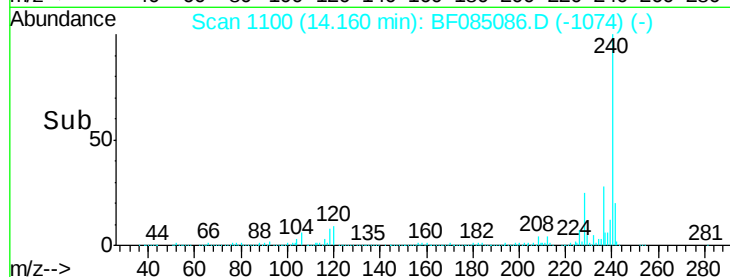
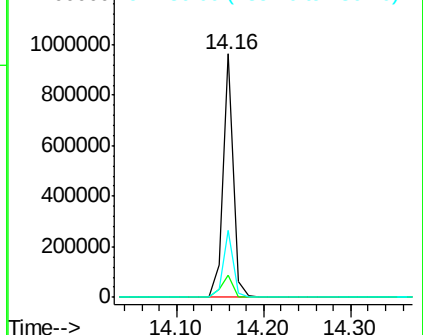
236 27.6 20.5 30.7



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: 72.30 ng

RT: 12.85 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

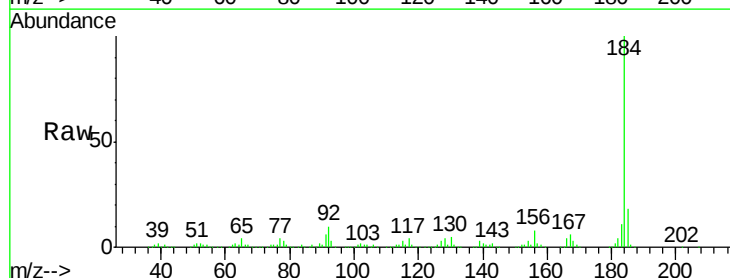
Tgt Ion:184 Resp: 1021011

Ion Ratio Lower Upper

184 100

185 17.9 11.8 17.8#

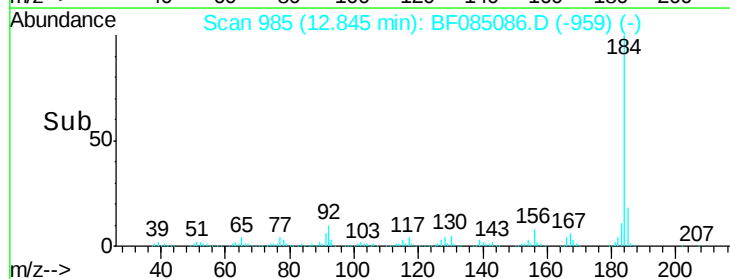
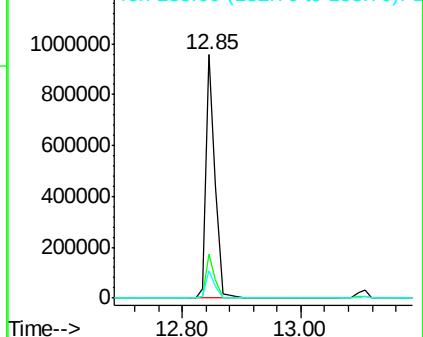
183 11.5 8.6 12.8

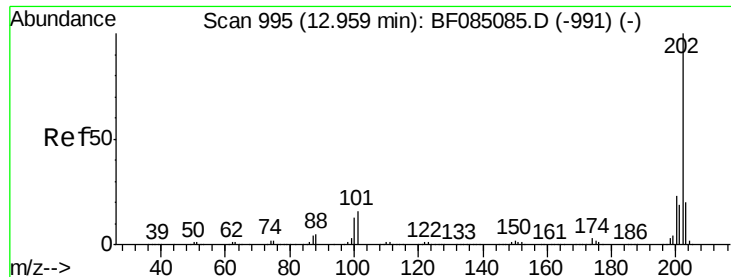


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

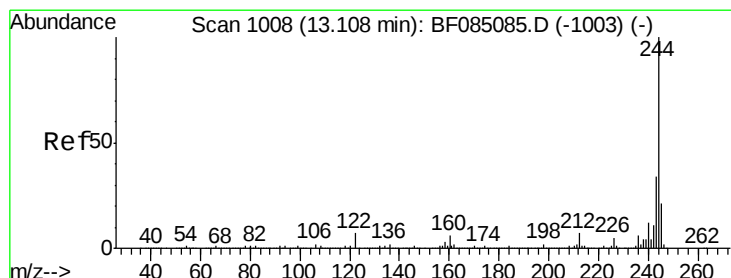
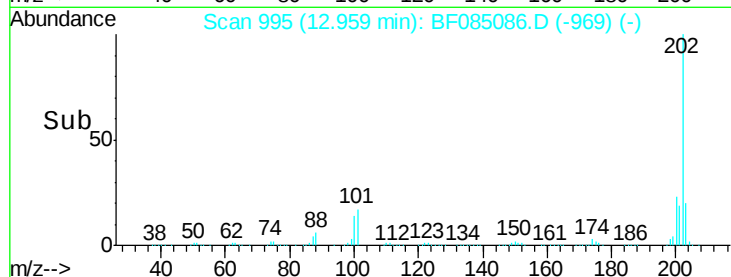
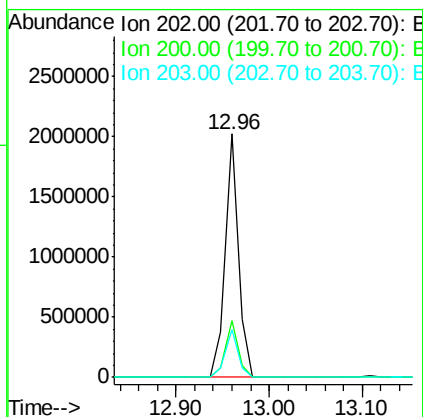
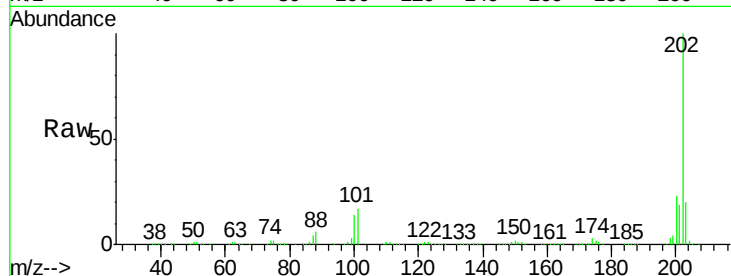




#77
Pvrene
Concen: 31.07 ng
RT: 12.96 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

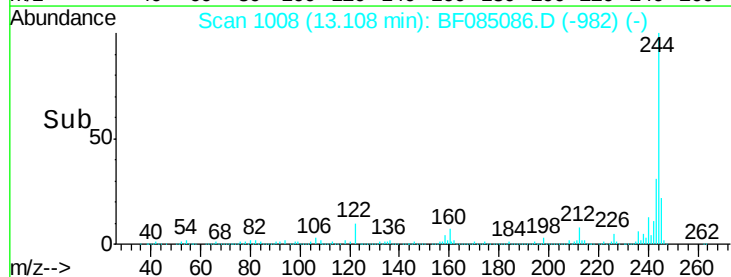
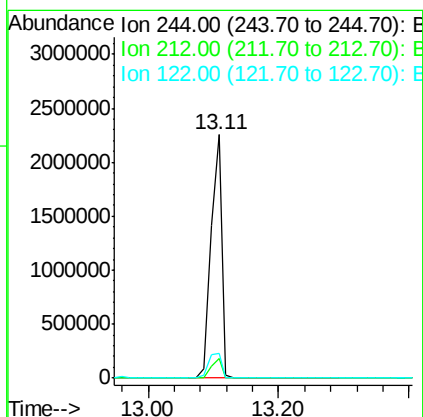
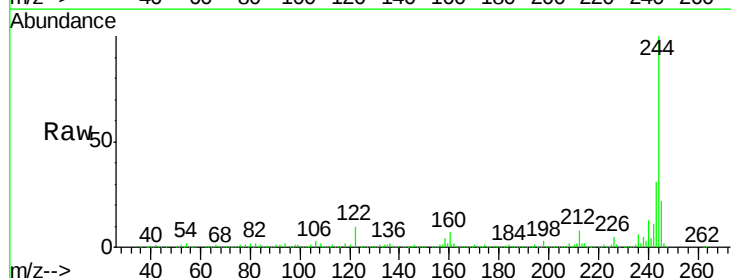
Instrument :
BNA_F
ClientSampleId :

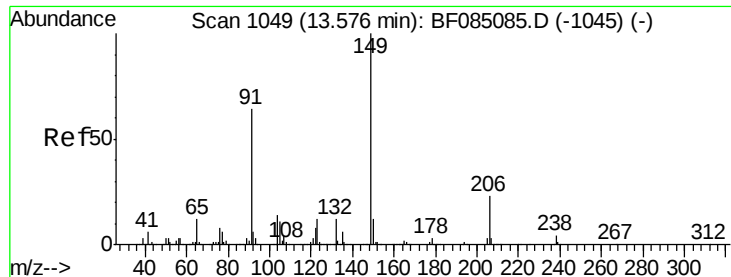
Tot Ion:202 Resp: 1993585
Ion Ratio Lower Upper
202 100
200 23.2 17.0 25.4
203 19.9 14.2 21.4



#78
Terphenyl-d14
Concen: 66.90 ng
RT: 13.11 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Tgt Ion:244 Resp: 2607165
Ion Ratio Lower Upper
244 100
212 8.2 6.0 9.0
122 10.0 10.1 15.1#





#79

Butylbenzylphthalate

Concen: 35.11 ng

RT: 13.58 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampleId :

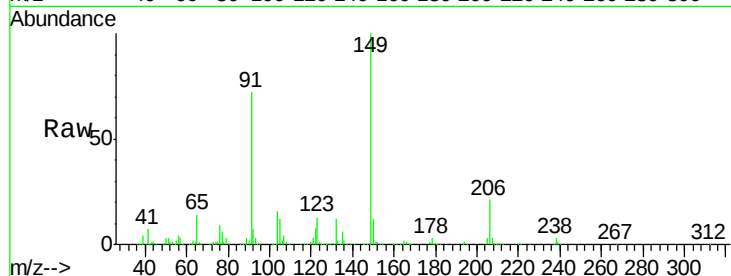
Tot Ion:149 Resp: 947257

Ion Ratio Lower Upper

149 100

91 71.9 57.8 86.8

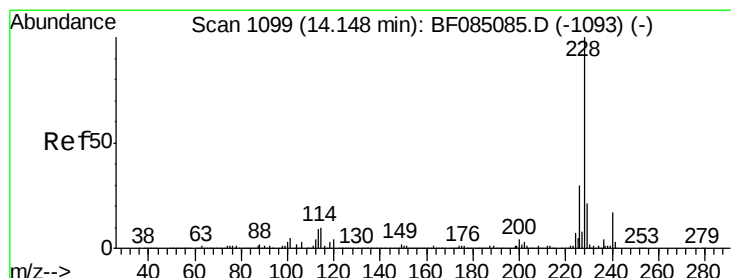
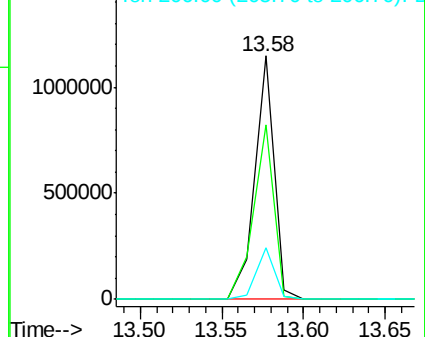
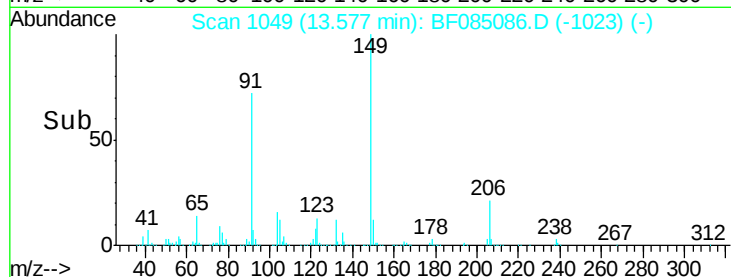
206 21.0 13.8 20.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.15 ng

RT: 14.15 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

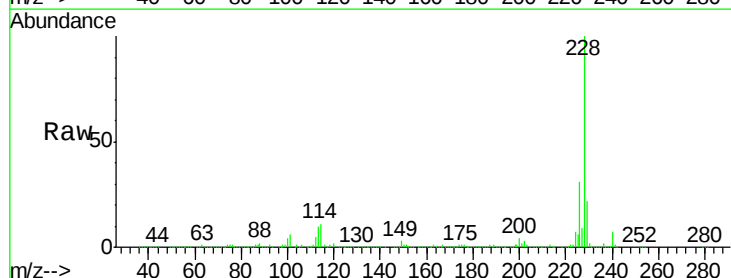
Tgt Ion:228 Resp: 2004003

Ion Ratio Lower Upper

228 100

226 30.7 21.8 32.6

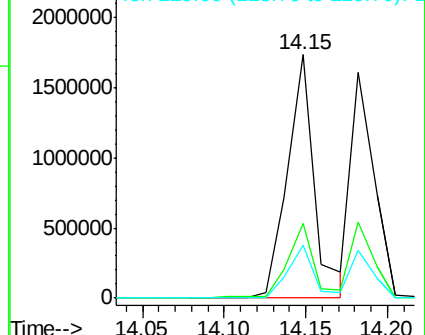
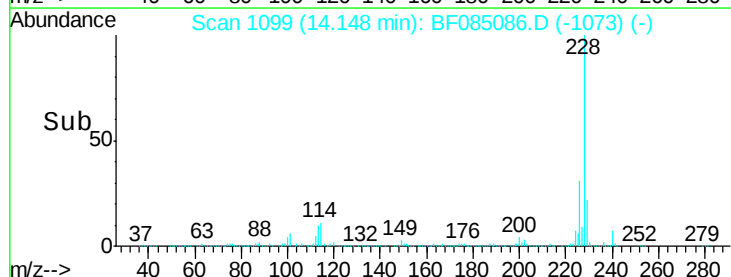
229 21.7 15.8 23.8

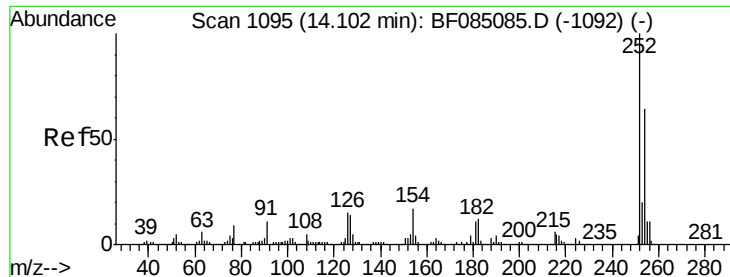


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 60.49 ng

RT: 14.11 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampled :

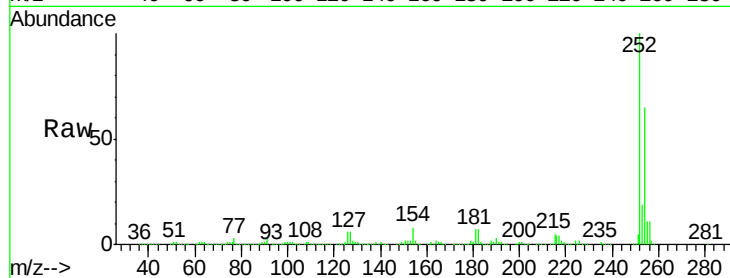
Tot Ion:252 Resp: 816445

Ion Ratio Lower Upper

252 100

254 65.3 52.9 79.3

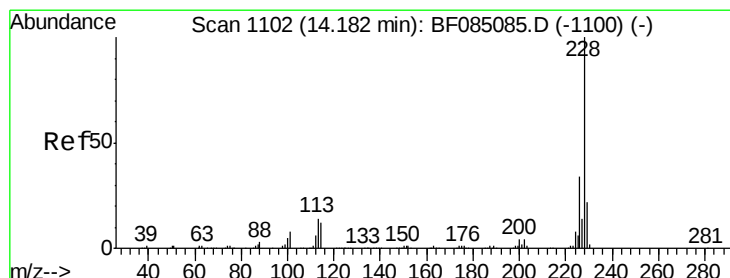
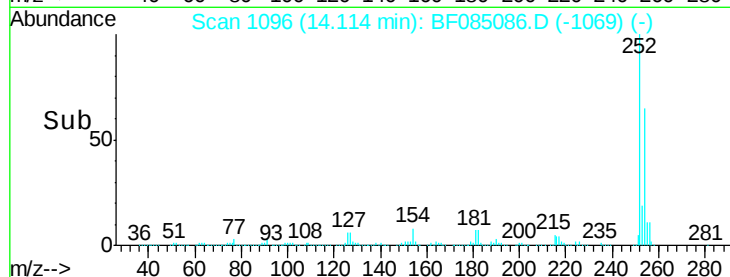
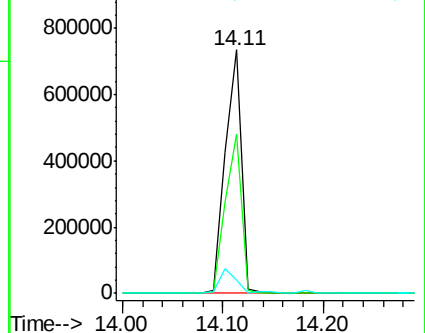
126 5.7 10.6 16.0#



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: 36.42 ng

RT: 14.18 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

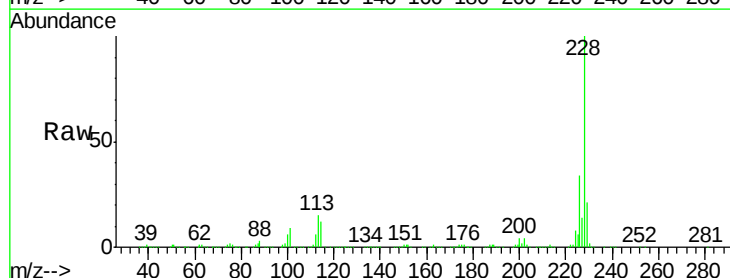
Tgt Ion:228 Resp: 1640553

Ion Ratio Lower Upper

228 100

226 33.7 24.3 36.5

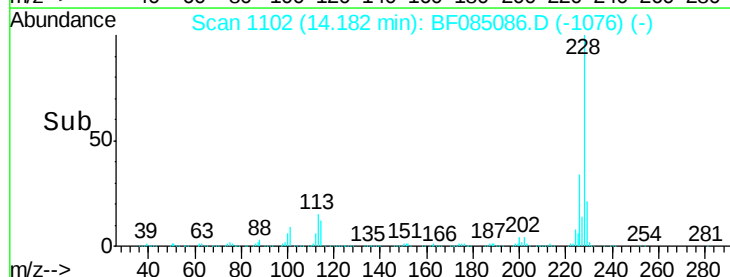
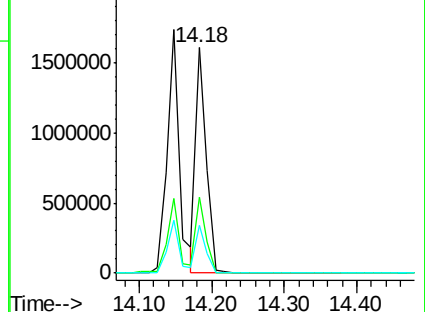
229 21.4 16.1 24.1

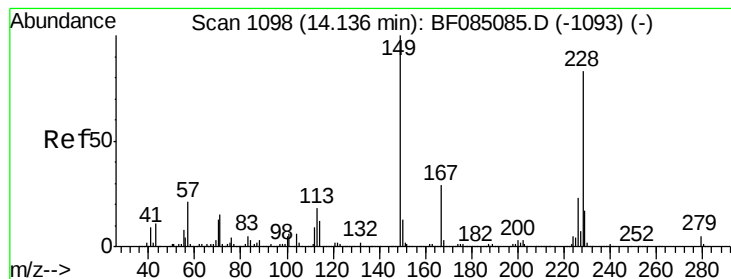


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.22 ng

RT: 14.14 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampleId :

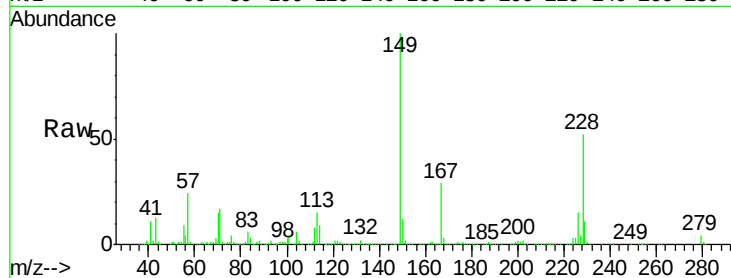
Tot Ion:149 Resp: 1284827

Ion Ratio Lower Upper

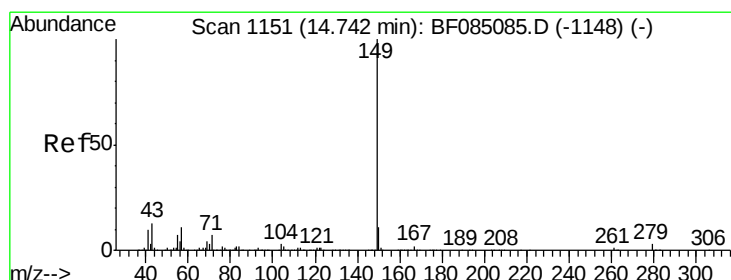
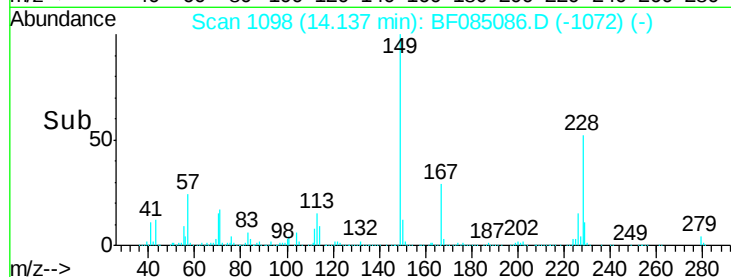
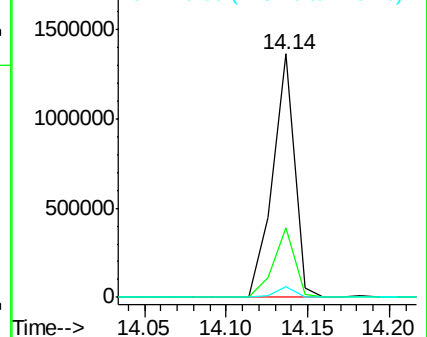
149 100

167 28.8 21.0 31.6

279 4.2 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.94 ng

RT: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

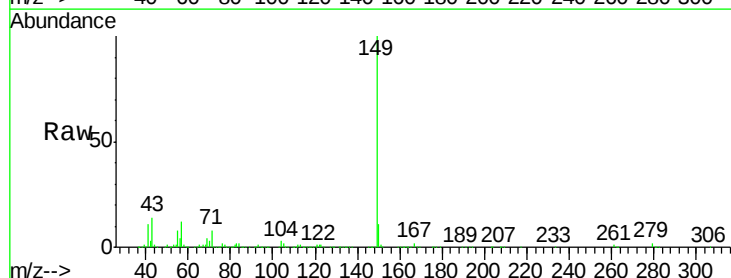
Tgt Ion:149 Resp: 2113882

Ion Ratio Lower Upper

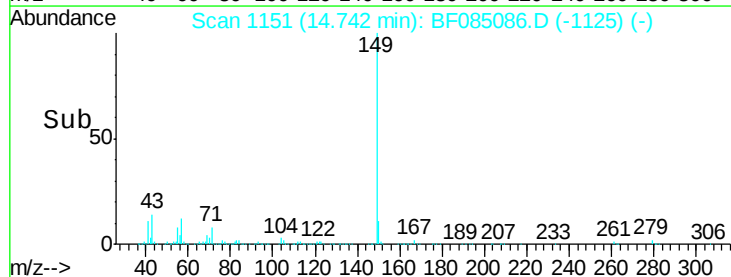
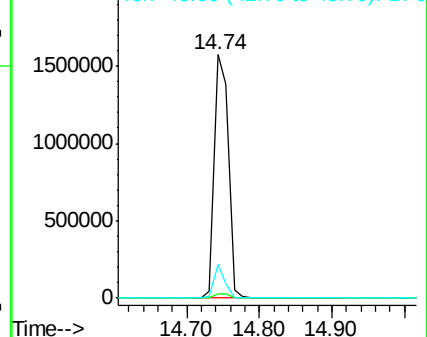
149 100

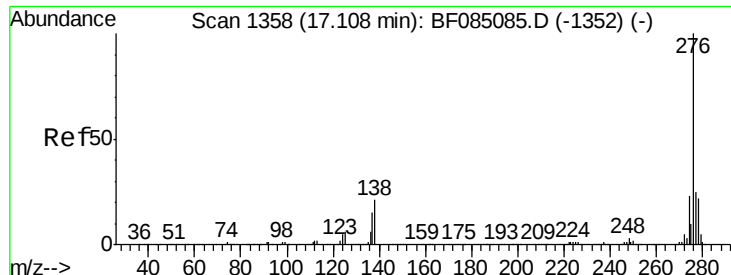
167 1.6 1.2 1.8

43 10.7 9.0 13.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

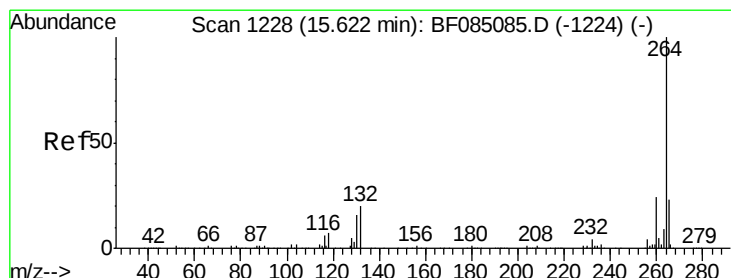
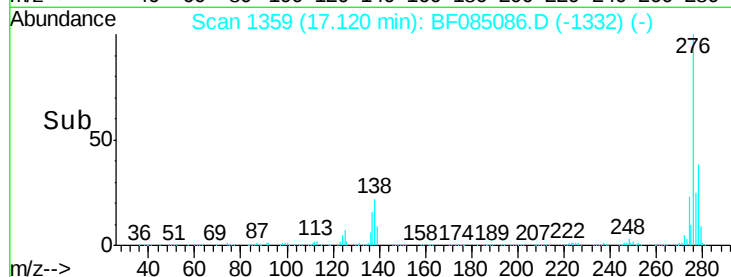
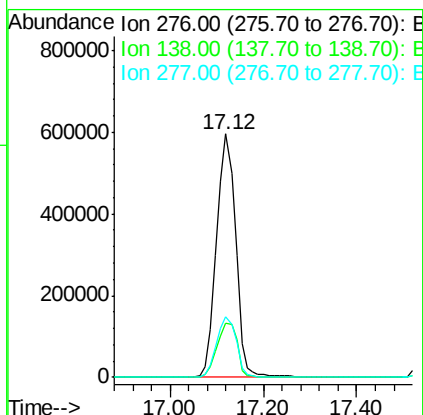
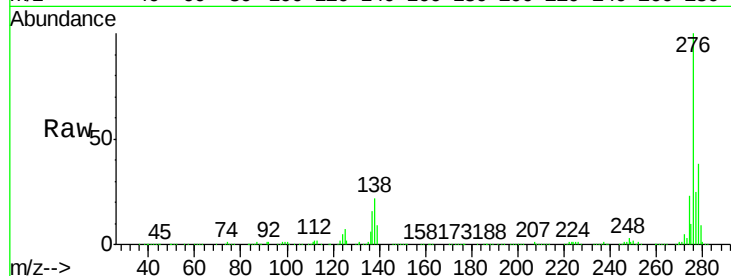




#85
Indeno(1,2,3-cd)pyrene
Concen: 45.67 ng
RT: 17.12 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

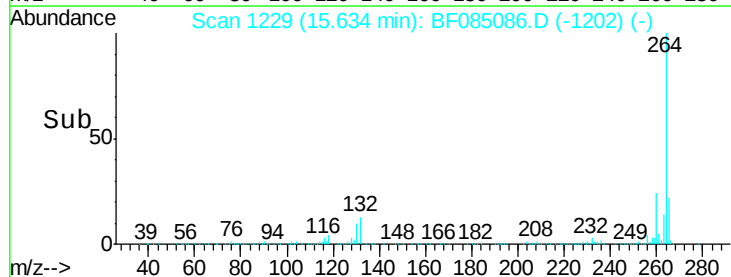
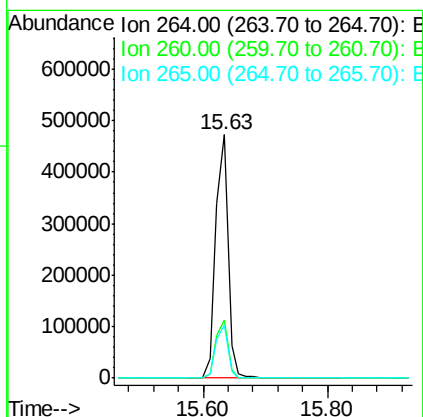
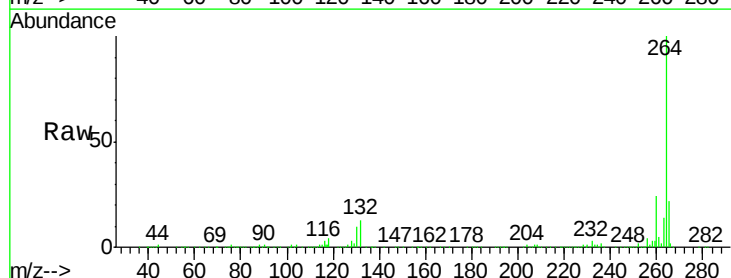
Instrument :
BNA_F
ClientSampleId :

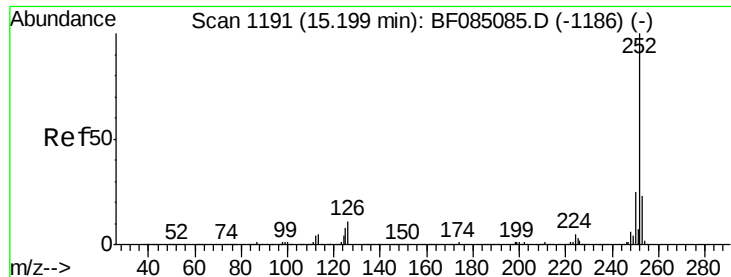
Tot Ion:276 Resp: 1708936
Ion Ratio Lower Upper
276 100
138 24.0 19.0 28.4
277 25.5 20.0 30.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Tgt Ion:264 Resp: 642296
Ion Ratio Lower Upper
264 100
260 23.6 18.5 27.7
265 21.7 16.7 25.1

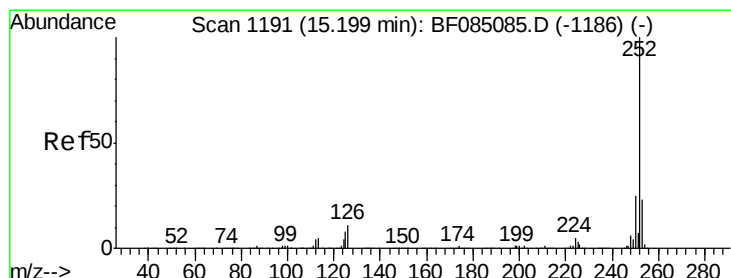
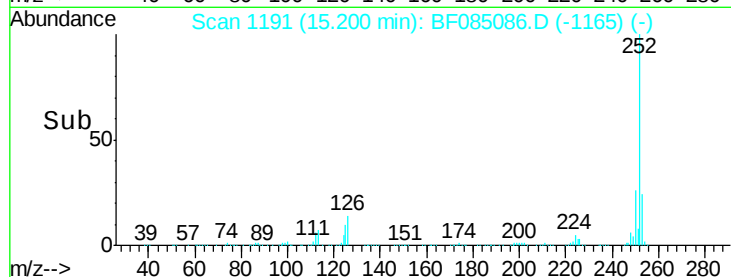
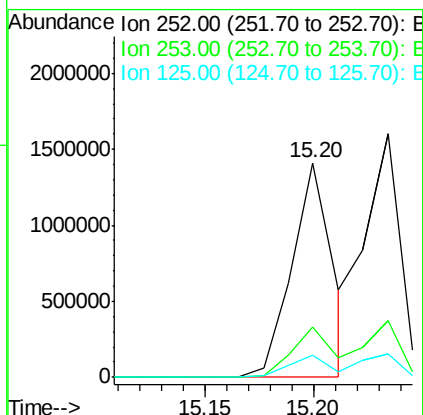
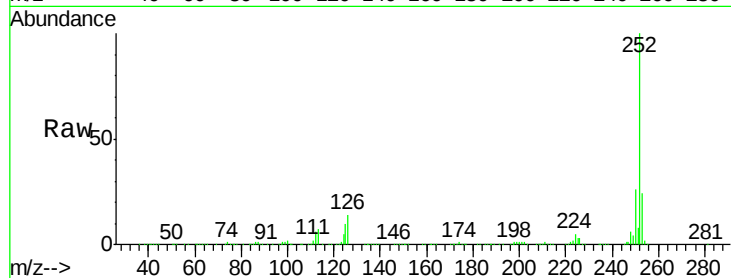




#87
Benzo(b)fluoranthene
Concen: 43.42 ng
RT: 15.20 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

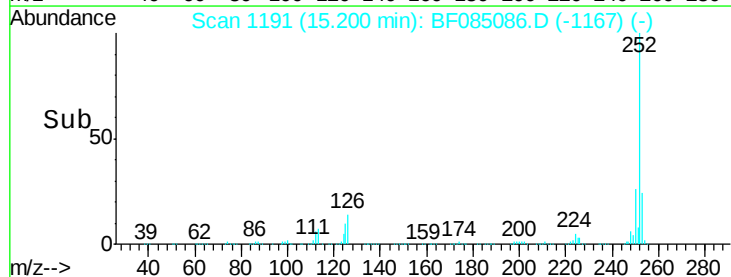
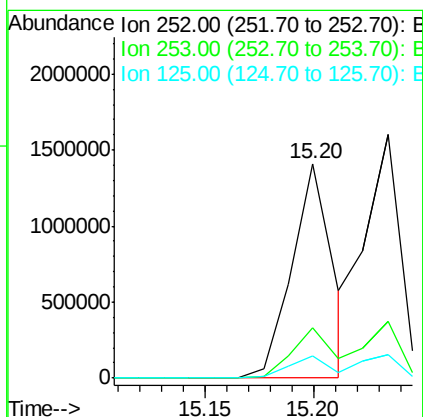
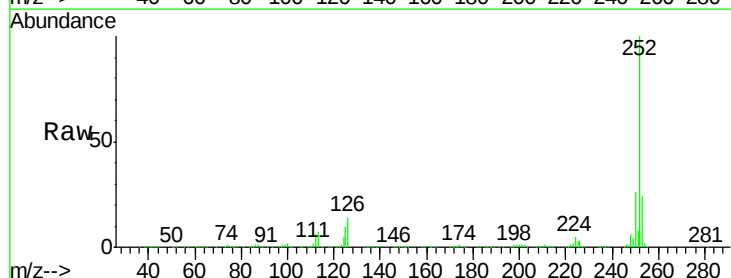
Instrument :
BNA_F
ClientSampleId :

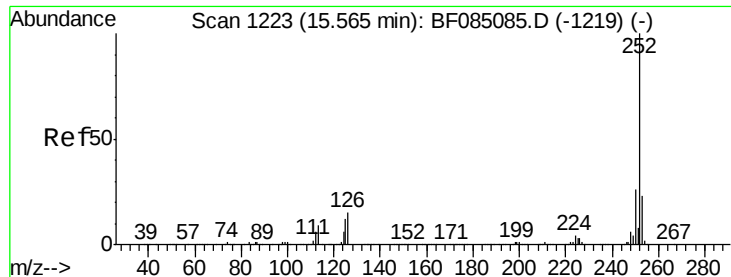
Tot Ion:252 Resp: 1828462
Ion Ratio Lower Upper
252 100
253 23.8 17.6 26.4
125 10.5 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 54.35 ng
RT: 15.20 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Tgt Ion:252 Resp: 1828462
Ion Ratio Lower Upper
252 100
253 23.8 17.4 26.0
125 10.5 7.2 10.8

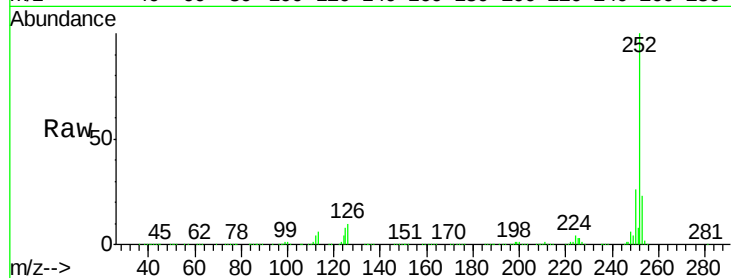




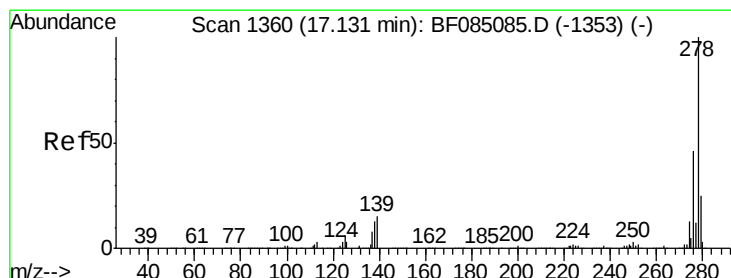
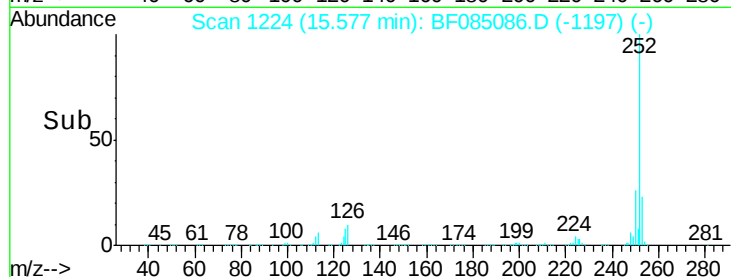
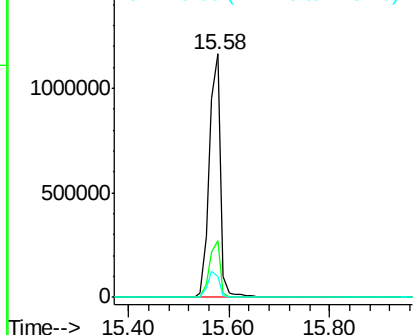
#89
Benzo(a)pyrene
Concen: 50.10 ng
RT: 15.58 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1783924
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 8.4 6.1 9.1

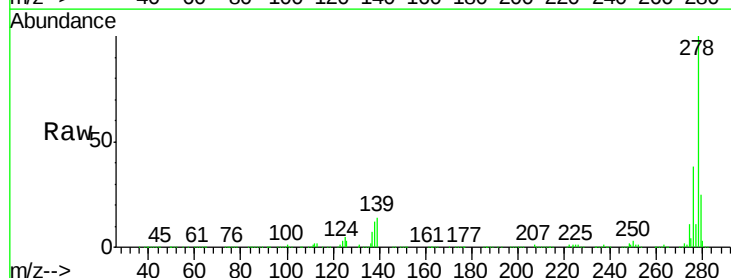


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

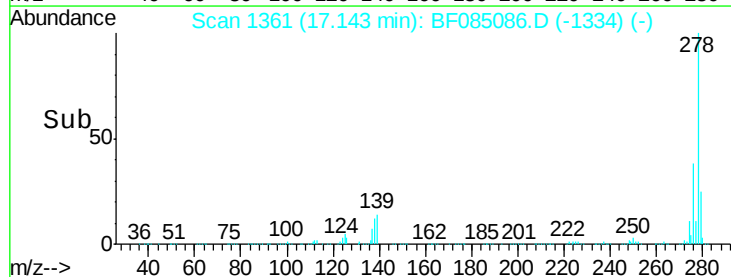
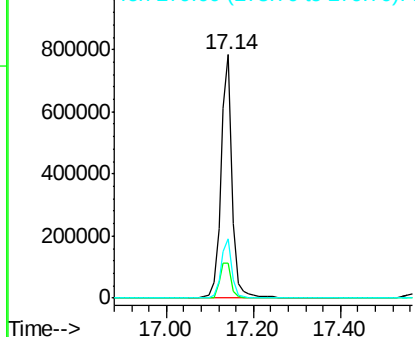


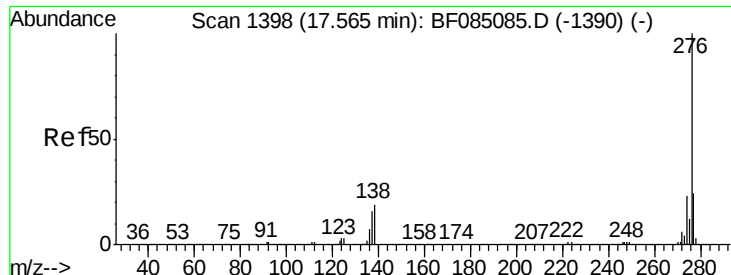
#90
Dibenzo(a,h)anthracene
Concen: 41.69 ng
RT: 17.14 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Tgt Ion:278 Resp: 1409095
Ion Ratio Lower Upper
278 100
139 14.2 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: 38.03 ng

RT: 17.58 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampleId :

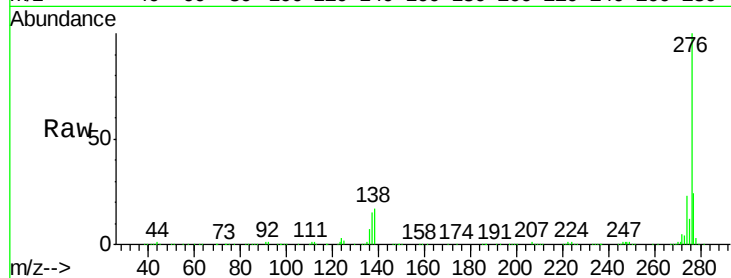
Tot Ion:276 Resp: 1334817

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 17.3 16.6 24.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

