

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
 Data File : BF085135.D
 Acq On : 2 Mar 2016 22:38
 Operator : SJ/IZ
 Sample : H1617-03MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 01:48:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	171420	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	655406	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	319125	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	555182	20.00	ng	0.00
75) Chrysene-d12	14.16	240	329216	20.00	ng	0.00
86) Perylene-d12	15.64	264	391207	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1531028	145.00	ng	0.04
7) Phenol-d6	6.63	99	1860665	134.42	ng	0.01
23) Nitrobenzene-d5	7.56	82	1243304	100.93	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	497139	155.02	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	2101735	97.00	ng	0.00
78) Terphenyl-d14	13.10	244	1571716	111.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	214932	41.07	ng	# 84
3) Pyridine	3.61	79	405712	30.21	ng	99
4) n-Nitrosodimethylamine	3.56	42	269974	44.18	ng	88
6) Aniline	6.66	93	179726	9.15	ng	97
8) 2-Chlorophenol	6.78	128	565427	46.46	ng	97
9) Benzaldehyde	6.54	77	42891	3.74	ng	98
10) Phenol	6.64	94	685036	44.23	ng	88
11) bis(2-Chloroethyl)ether	6.73	93	608768	49.58	ng	99
12) 1,3-Dichlorobenzene	6.94	146	614510	47.01	ng	98
13) 1,4-Dichlorobenzene	7.01	146	573276	43.03	ng	99
14) 1,2-Dichlorobenzene	7.17	146	592511	50.51	ng	97
15) Benzyl Alcohol	7.13	79	513671	50.91	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.27	45	793415	43.85	ng	100
17) 2-Methylphenol	7.25	107	499382	48.97	ng	96
18) Hexachloroethane	7.51	117	229334	46.56	ng	92
19) n-Nitroso-di-n-propylamine	7.41	70	404955	44.39	ng	95
20) 3+4-Methylphenols	7.40	107	560764	46.01	ng	90
22) Acetophenone	7.41	105	813647	49.35	ng	# 94
24) Nitrobenzene	7.58	77	709100	55.49	ng	93
25) Isophorone	7.82	82	1185726	50.32	ng	97
26) 2-Nitrophenol	7.89	139	292065	51.11	ng	# 70
27) 2,4-Dimethylphenol	7.92	122	552653	49.90	ng	93
28) bis(2-Chloroethoxy)methane	8.02	93	731734	56.31	ng	100
29) 2,4-Dichlorophenol	8.14	162	474390	52.06	ng	# 84
30) 1,2,4-Trichlorobenzene	8.22	180	515797	51.93	ng	98
31) Naphthalene	8.30	128	1761681	53.15	ng	100
32) Benzoic acid	8.05	122	358776	53.84	ng	98
33) 4-Chloroaniline	8.34	127	80822	6.17	ng	# 93
34) Hexachlorobutadiene	8.41	225	293561	50.95	ng	98
35) Caprolactam	8.72	113	113066	39.54	ng	# 80
36) 4-Chloro-3-methylphenol	8.82	107	497522	49.38	ng	100
37) 2-Methylnaphthalene	9.00	142	1160029	57.25	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	440161	44.79	ng	99
40) Hexachlorocyclopentadiene	9.14	237	475062	84.90	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
 Data File : BF085135.D
 Acq On : 2 Mar 2016 22:38
 Operator : SJ/IZ
 Sample : H1617-03MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 01:48:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

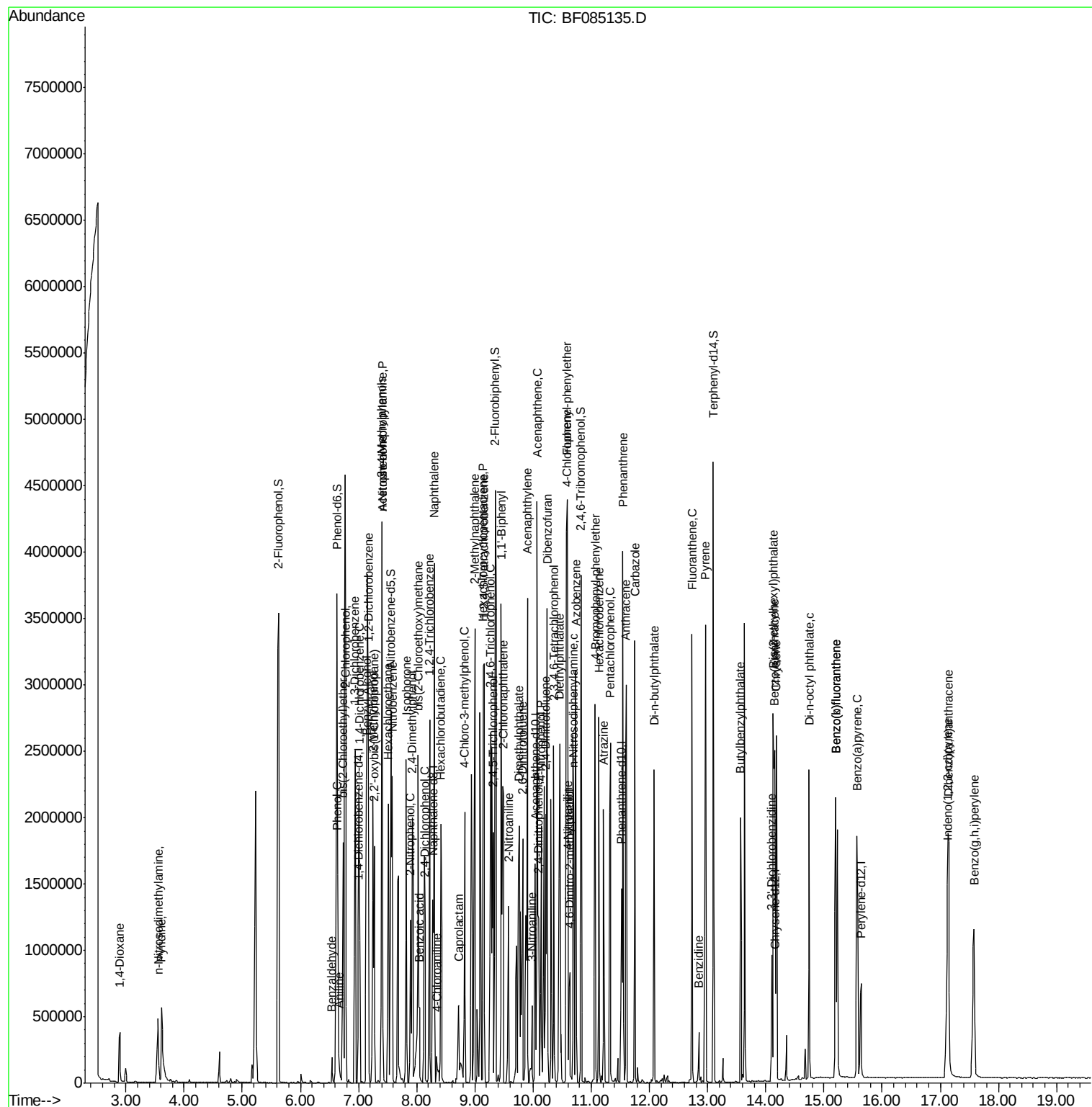
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	366996	55.46	nq	99
43) 2,4,5-Trichlorophenol	9.32	196	341494	53.86	nq #	92
45) 1,1'-Biphenyl	9.45	154	1214134	42.86	nq	96
46) 2-Chloronaphthalene	9.49	162	1034485	50.07	nq	95
47) 2-Nitroaniline	9.58	65	315025	48.57	nq	92
48) Acenaphthylene	9.90	152	1513052	49.28	nq	99
49) Dimethylphthalate	9.76	163	1246225	52.67	nq	98
50) 2,6-Dinitrotoluene	9.82	165	290340	59.17	nq #	81
51) Acenaphthene	10.07	154	1106534	57.40	nq	99
52) 3-Nitroaniline	9.98	138	85007	14.58	nq	91
53) 2,4-Dinitrophenol	10.09	184	248020	91.76	nq #	1
54) Dibenzofuran	10.24	168	1351803	54.02	nq	99
55) 4-Nitrophenol	10.14	139	353999	79.15	nq #	61
56) 2,4-Dinitrotoluene	10.22	165	334008	50.52	nq	97
57) Fluorene	10.58	166	1042587	52.97	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.36	232	283617	59.05	nq	98
59) Diethylphthalate	10.46	149	1198412	52.85	nq	100
60) 4-Chlorophenyl-phenylether	10.57	204	508574	50.14	nq	96
61) 4-Nitroaniline	10.60	138	216258	39.58	nq	87
62) Azobenzene	10.73	77	1253230	54.70	nq	98
64) 4,6-Dinitro-2-methylphenol	10.63	198	176278	52.11	nq	85
65) n-Nitrosodiphenylamine	10.70	169	956788	54.68	nq	97
66) 4-Bromophenyl-phenylether	11.06	248	336725	57.76	nq	93
67) Hexachlorobenzene	11.13	284	367685	55.87	nq	96
68) Atrazine	11.21	200	290383	54.40	nq	99
69) Pentachlorophenol	11.33	266	425571	110.20	nq	99
70) Phenanthrene	11.54	178	1410662	51.08	nq	100
71) Anthracene	11.60	178	1585779	51.13	nq	98
72) Carbazole	11.75	167	1406116	52.10	nq	98
73) Di-n-butylphthalate	12.08	149	1703903	53.04	nq	99
74) Fluoranthene	12.73	202	1396213	46.07	nq	98
76) Benzidine	12.85	184	147810	14.85	nq	97
77) Pyrene	12.96	202	1377270	61.28	nq	98
79) Butylbenzylphthalate	13.57	149	531194	55.81	nq #	64
80) Benzo(a)anthracene	14.15	228	1040750	54.45	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	182451	30.54	nq #	97
82) Chrysene	14.19	228	1001455	57.37	nq	98
83) Bis(2-ethylhexyl)phthalate	14.13	149	680371	61.92	nq	100
84) Di-n-octyl phthalate	14.75	149	1155507	70.84	nq	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	1271247	86.13	nq	99
87) Benzo(b)fluoranthene	15.20	252	1088920	45.71	nq	99
88) Benzo(k)fluoranthene	15.20	252	1088920	52.78	nq #	95
89) Benzo(a)pyrene	15.57	252	1068988	53.36	nq	99
90) Dibenzo(a,h)anthracene	17.15	278	1083673	60.05	nq	98
91) Benzo(g,h,i)perylene	17.58	276	1023119	55.76	nq	98

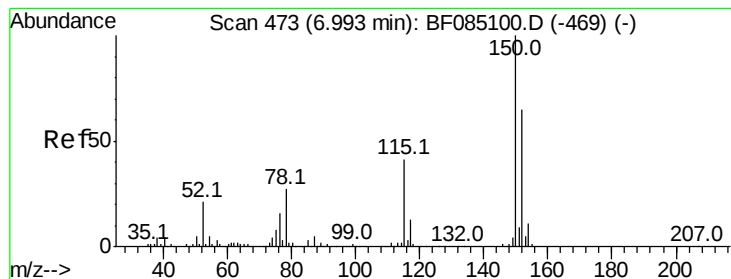
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
Data File : BF085135.D
Acq On : 2 Mar 2016 22:38
Operator : SJ/IZ
Sample : H1617-03MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 03 01:48:39 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

Instrument :

BNA_F

ClientSampleId :

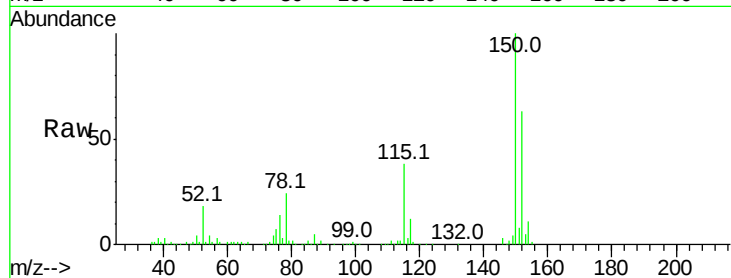
Tot Ion:152 Resp: 171420

Ion Ratio Lower Upper

152 100

150 157.8 123.4 185.0

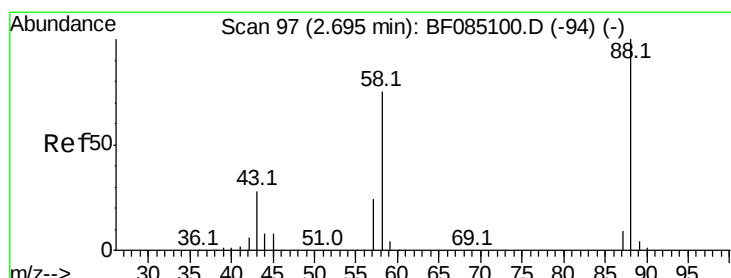
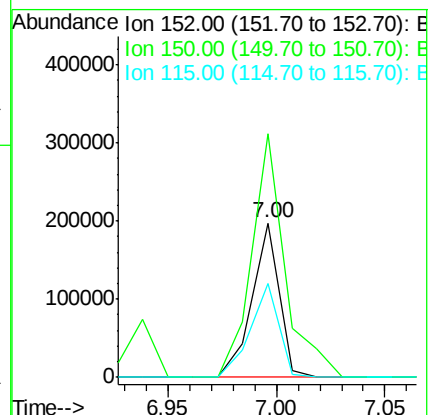
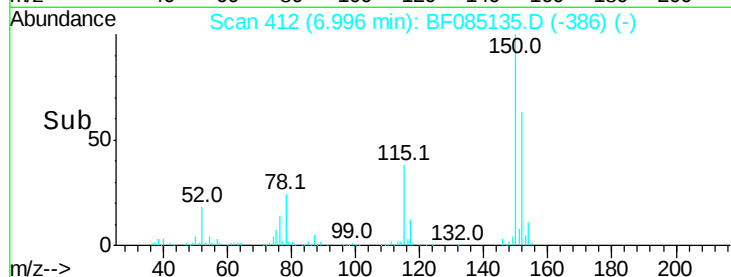
115 60.5 50.0 75.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.07 ng

RT: 2.89 min Scan# 53

Delta R.T. 0.20 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

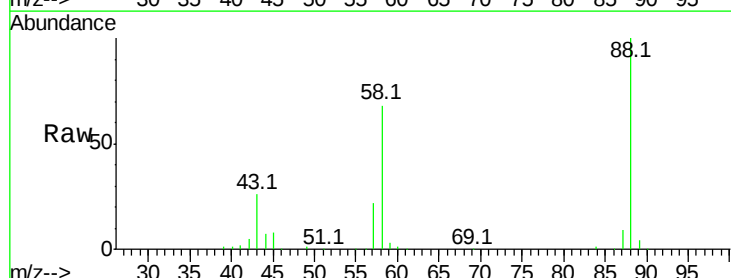
Tgt Ion: 88 Resp: 214932

Ion Ratio Lower Upper

88 100

58 71.7 58.4 87.6

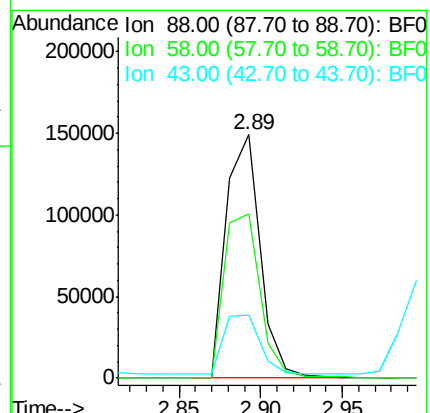
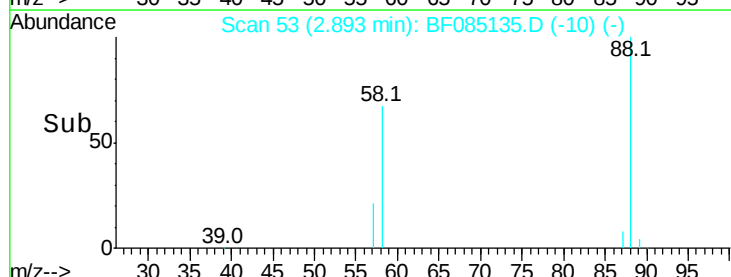
43 0.0 22.2 33.4#

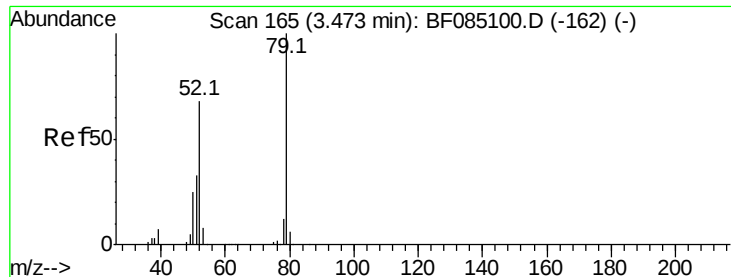


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 30.21 ng

RT: 3.61 min Scan# 116

Delta R.T. 0.14 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

Instrument :

BNA_F

ClientSampleId :

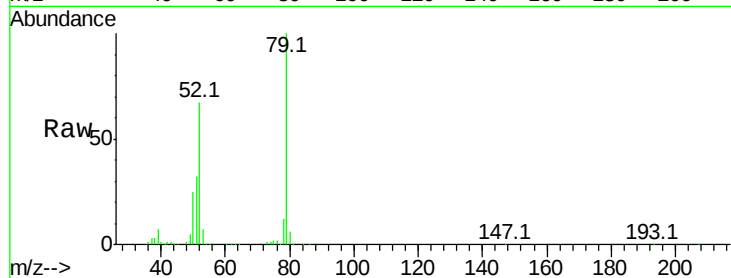
Tot Ion: 79 Resp: 405712

Ion Ratio Lower Upper

79 100

52 66.7 54.1 81.1

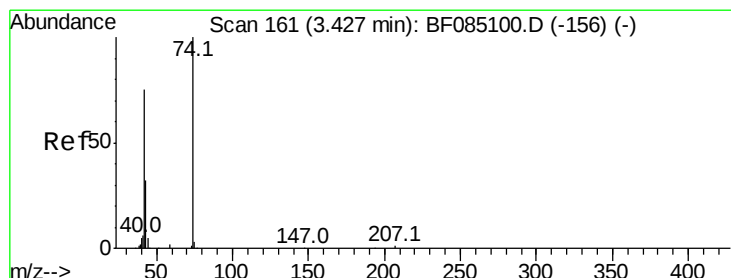
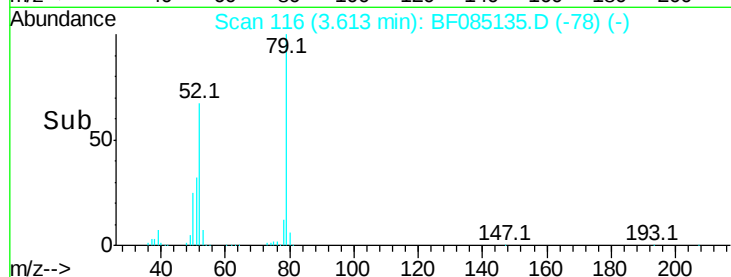
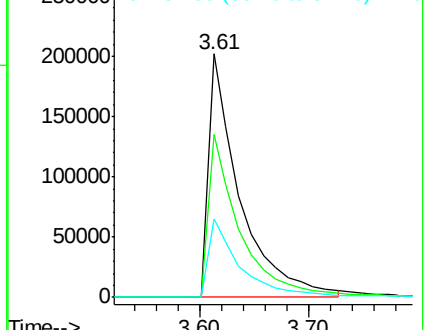
51 32.2 26.6 40.0



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: 44.18 ng

RT: 3.56 min Scan# 111

Delta R.T. 0.13 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

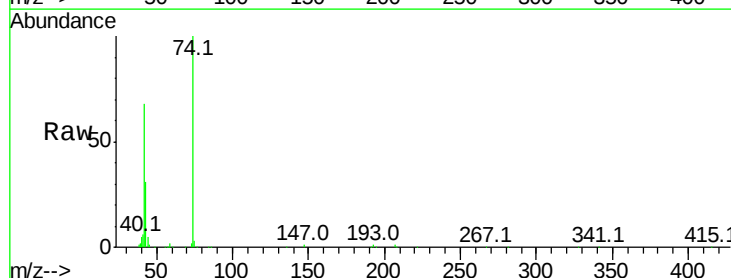
Tgt Ion: 42 Resp: 269974

Ion Ratio Lower Upper

42 100

74 147.8 106.6 160.0

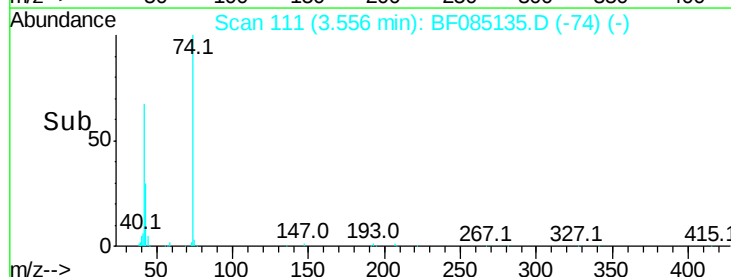
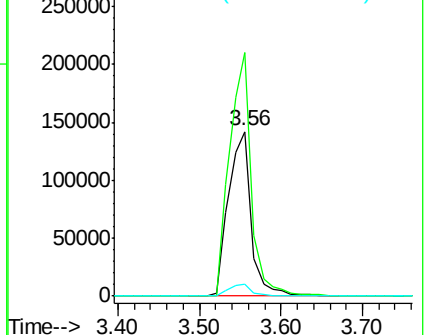
44 7.0 5.4 8.2

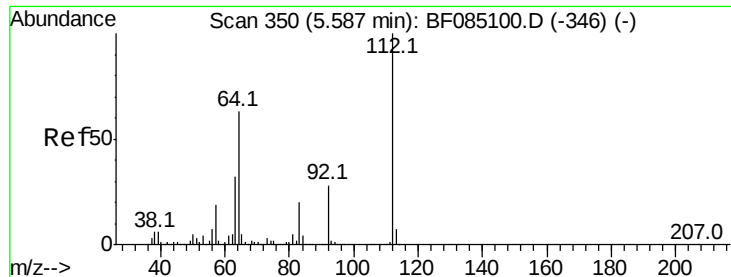


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 145.00 ng

RT: 5.62 min Scan# 292

Delta R.T. 0.04 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

Instrument :

BNA_F

ClientSampleId :

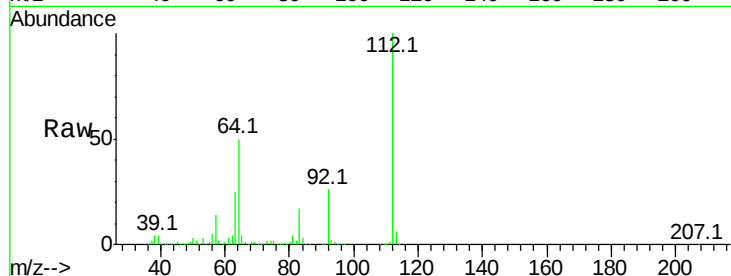
Tot Ion:112 Resp: 1531028

Ion Ratio Lower Upper

112 100

64 49.6 50.6 76.0#

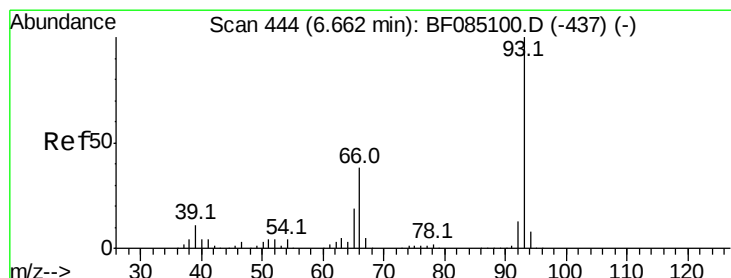
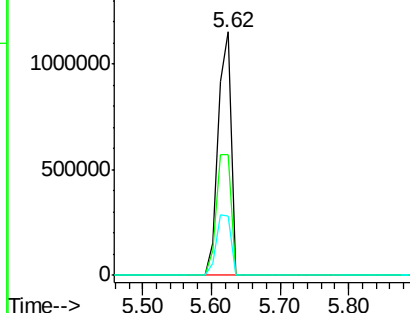
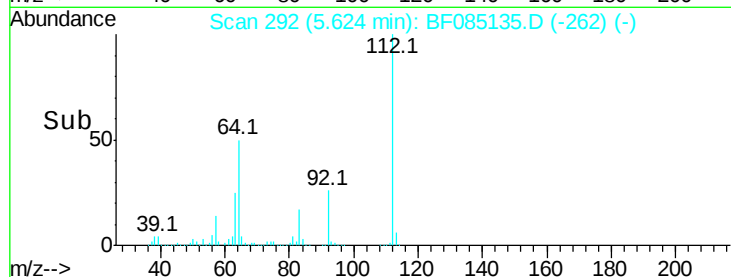
63 24.5 25.5 38.3#



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: 9.15 ng

RT: 6.66 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

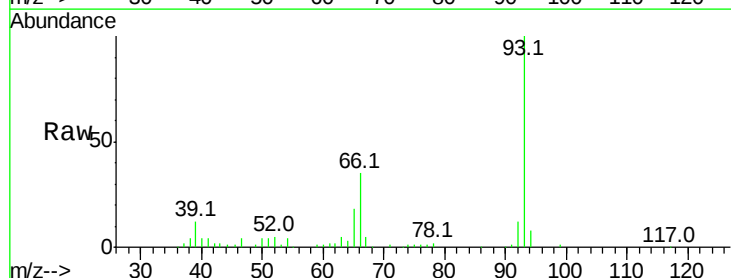
Tgt Ion: 93 Resp: 179726

Ion Ratio Lower Upper

93 100

66 35.4 30.1 45.1

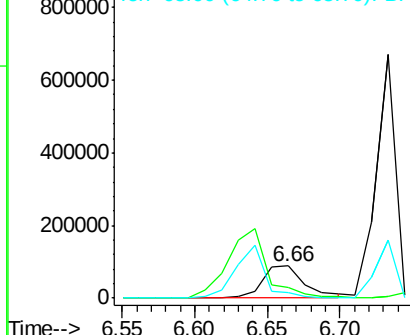
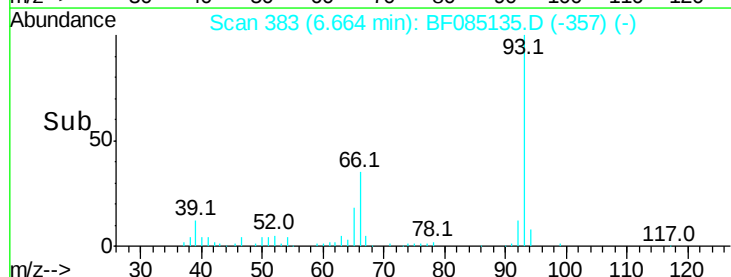
65 18.2 15.0 22.6

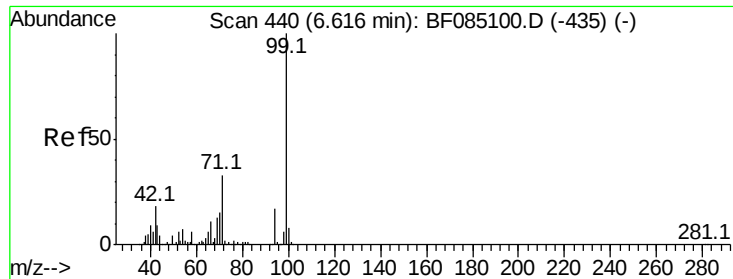


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 134.42 ng

RT: 6.63 min Scan# 380

Delta R.T. 0.01 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

Instrument :

BNA_F

ClientSampleId :

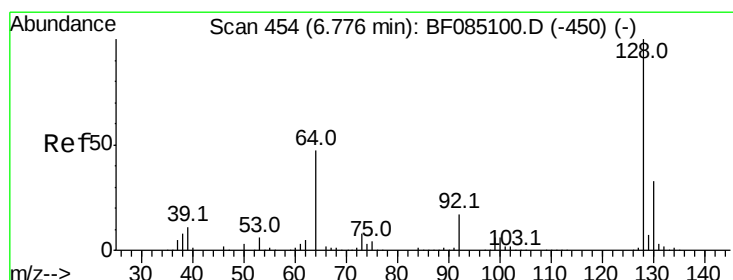
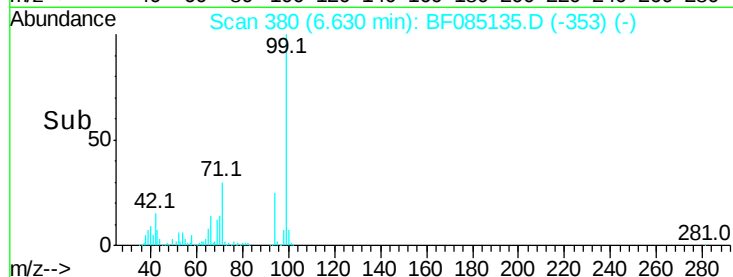
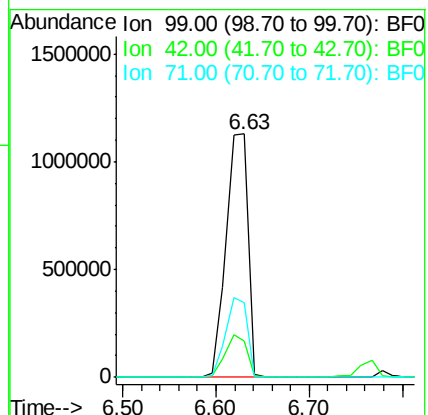
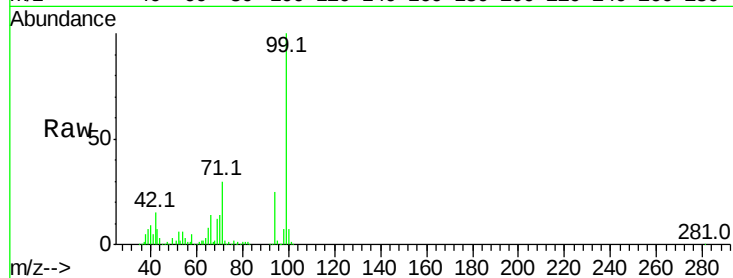
Tot Ion: 99 Resp: 1860665

Ion Ratio Lower Upper

99 100

42 14.9 14.1 21.1

71 30.4 26.8 40.2



#8

2-Chlorophenol

Concen: 46.46 ng

RT: 6.78 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

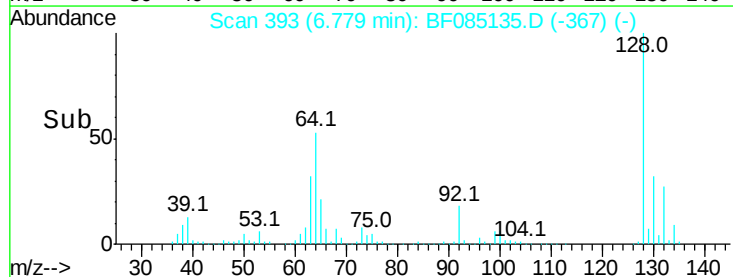
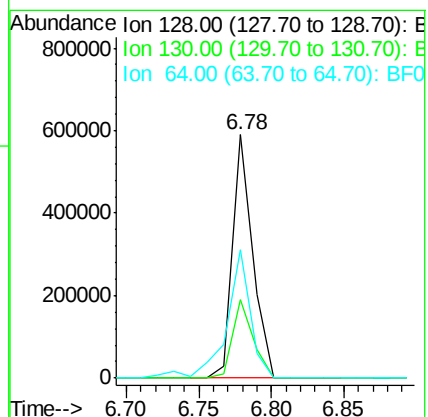
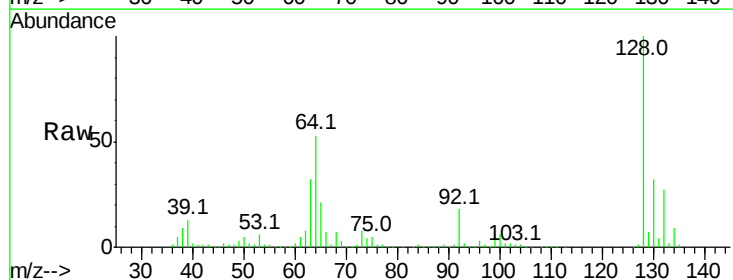
Tgt Ion:128 Resp: 565427

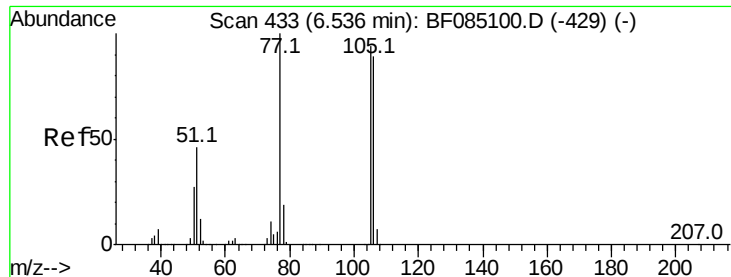
Ion Ratio Lower Upper

128 100

130 32.1 13.1 53.1

64 52.8 29.6 69.6





#9

Benzaldehyde

Concen: 3.74 ng

RT: 6.54 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

Instrument :

BNA_F

ClientSampleId :

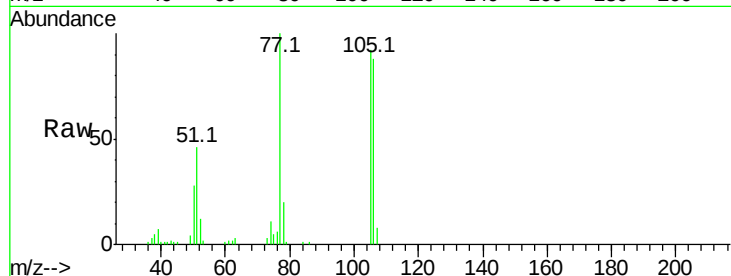
Tot Ion: 77 Resp: 42891

Ion Ratio Lower Upper

77 100

105 91.5 73.7 113.7

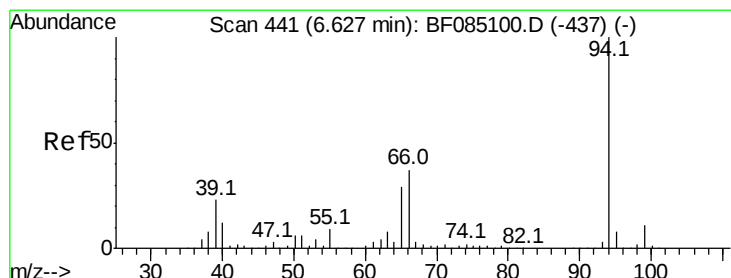
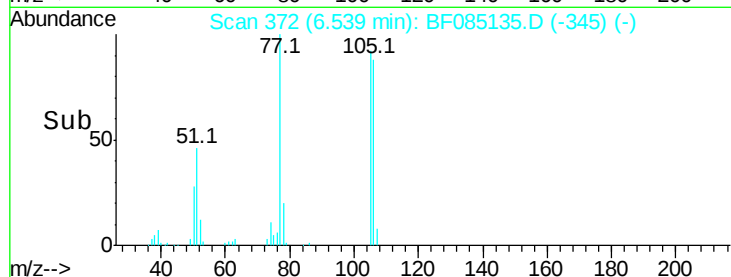
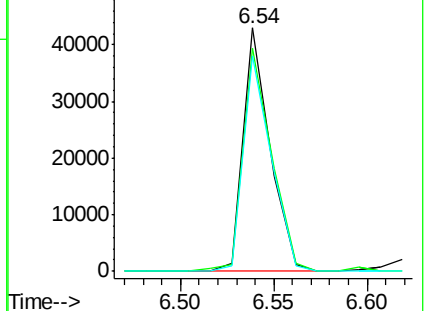
106 88.3 69.2 109.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 44.23 ng

RT: 6.64 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

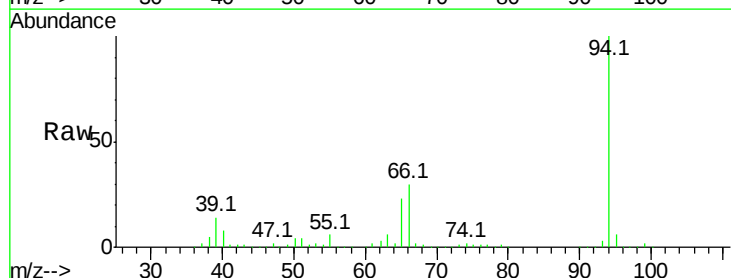
Tgt Ion: 94 Resp: 685036

Ion Ratio Lower Upper

94 100

65 22.8 9.1 49.1

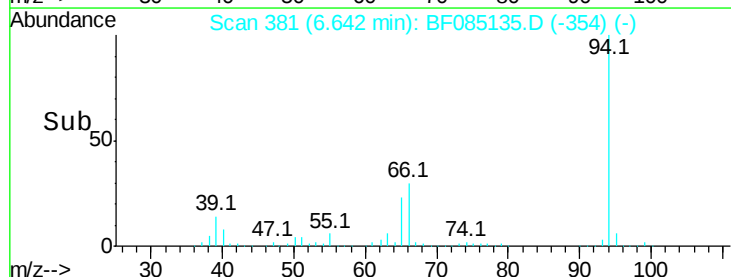
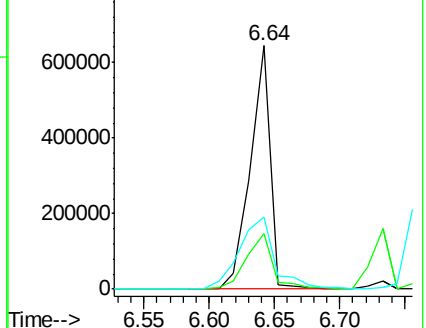
66 29.9 17.5 57.5

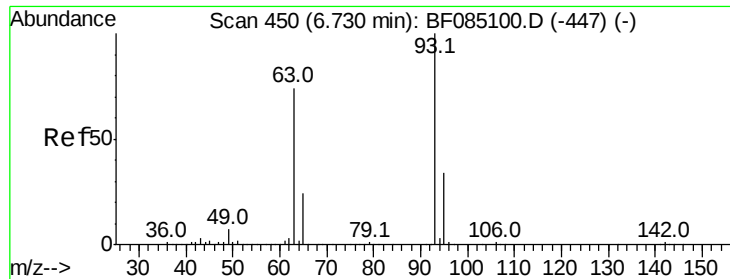


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

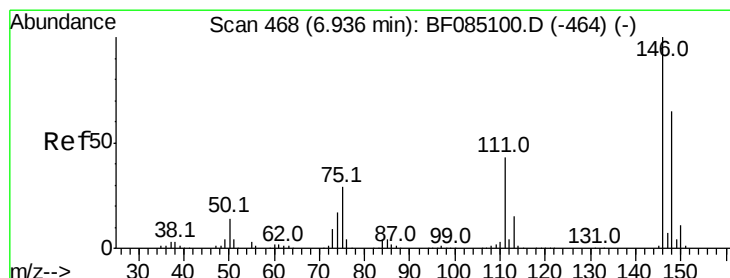
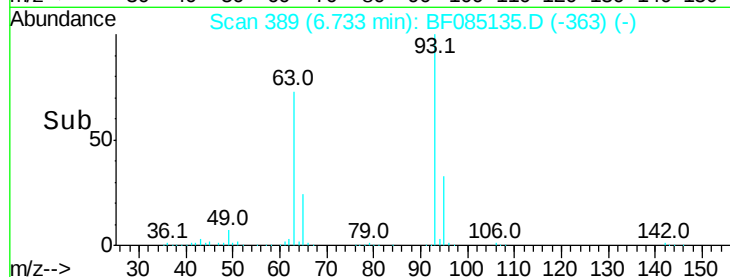
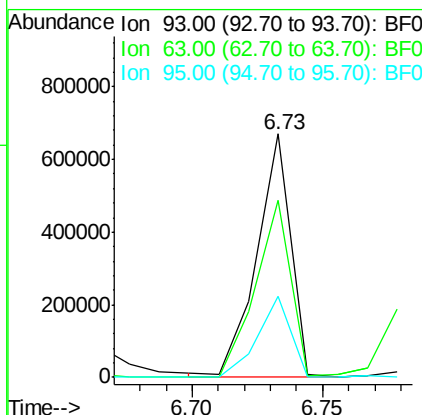
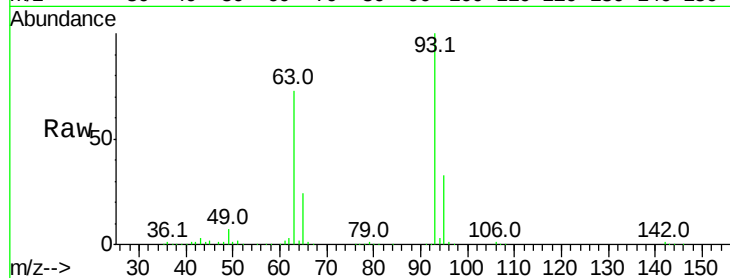




#11
bis(2-Chloroethyl)ether
Concen: 49.58 ng
RT: 6.73 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF085135.D
Acq: 2 Mar 2016 22:38

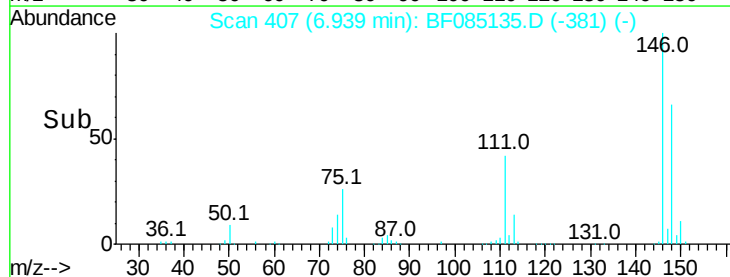
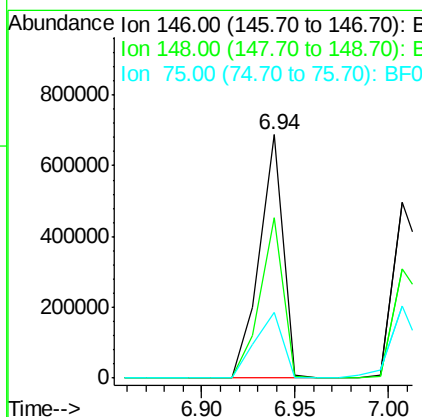
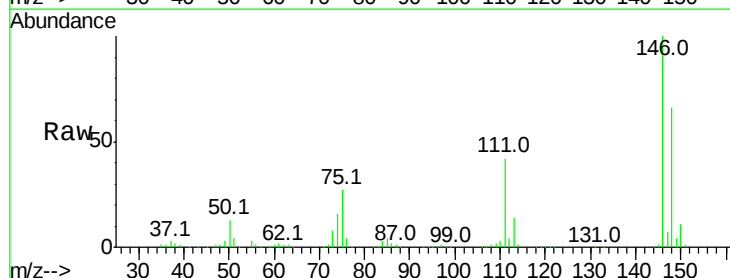
Instrument :
BNA_F
ClientSampleId :

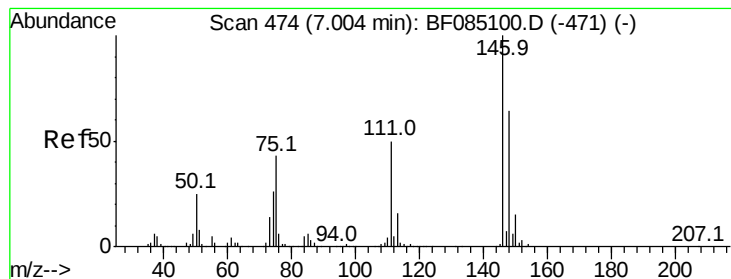
Tot Ion: 93 Resp: 608768
Ion Ratio Lower Upper
93 100
63 72.9 53.9 93.9
95 33.1 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 47.01 ng
RT: 6.94 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF085135.D
Acq: 2 Mar 2016 22:38

Tgt Ion: 146 Resp: 614510
Ion Ratio Lower Upper
146 100
148 65.9 51.9 77.9
75 26.9 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 43.03 ng

RT: 7.01 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

Instrument :

BNA_F

ClientSampleId :

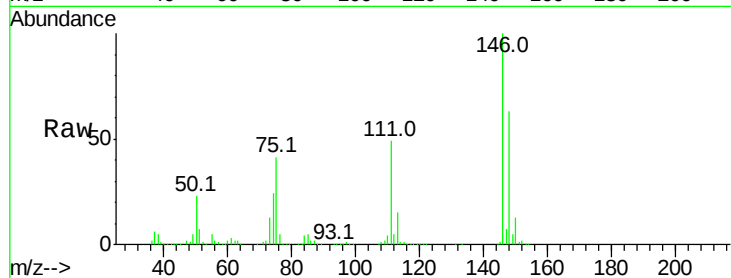
Tot Ion:146 Resp: 573276

Ion Ratio Lower Upper

146 100

148 62.5 51.1 76.7

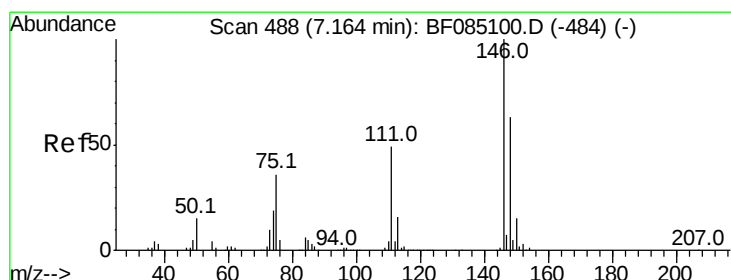
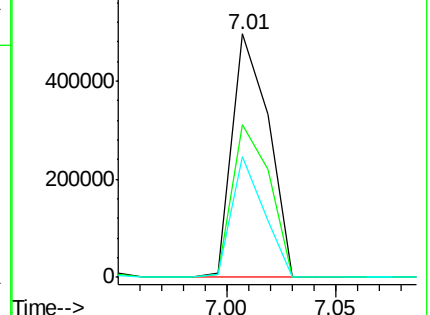
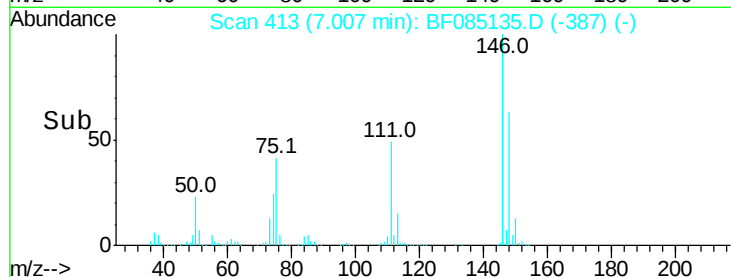
111 49.4 40.0 60.0



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: 50.51 ng

RT: 7.17 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

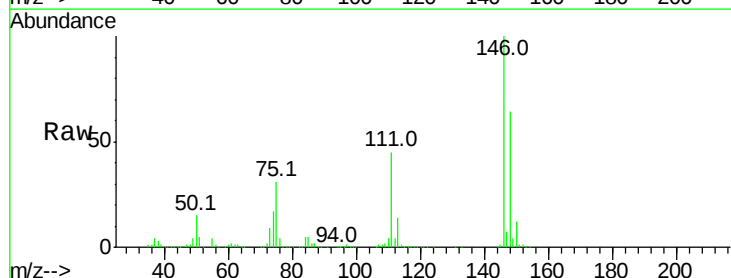
Tgt Ion:146 Resp: 592511

Ion Ratio Lower Upper

146 100

148 63.8 50.5 75.7

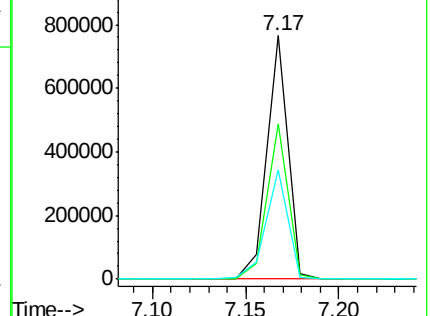
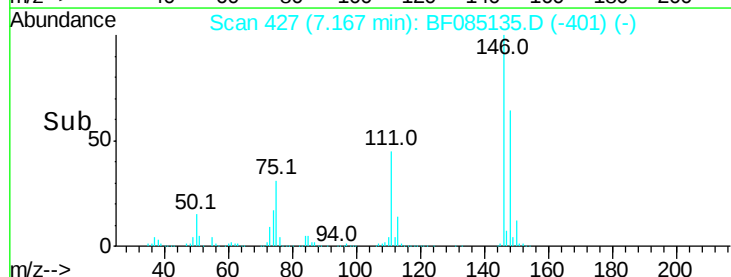
111 45.0 38.9 58.3

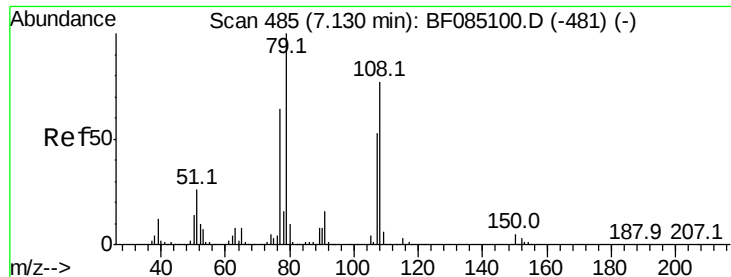


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.91 ng

RT: 7.13 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

Instrument :

BNA_F

ClientSampleId :

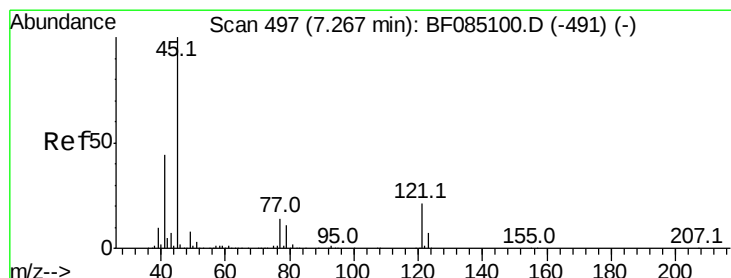
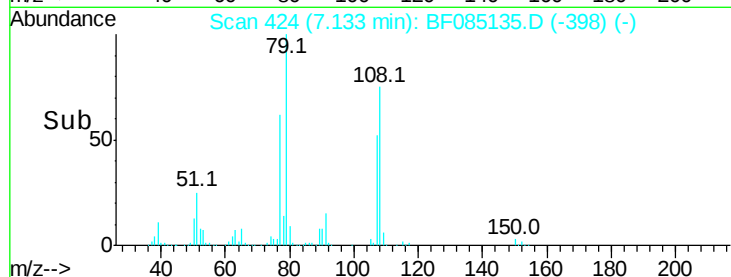
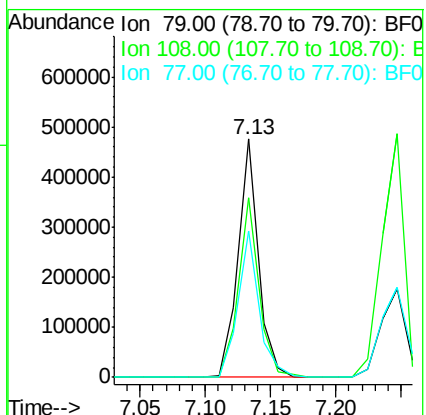
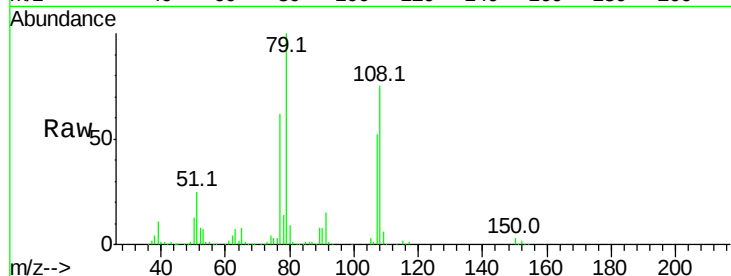
Tot Ion: 79 Resp: 513671

Ion Ratio Lower Upper

79 100

108 75.4 61.8 92.6

77 61.6 51.2 76.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.85 ng

RT: 7.27 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

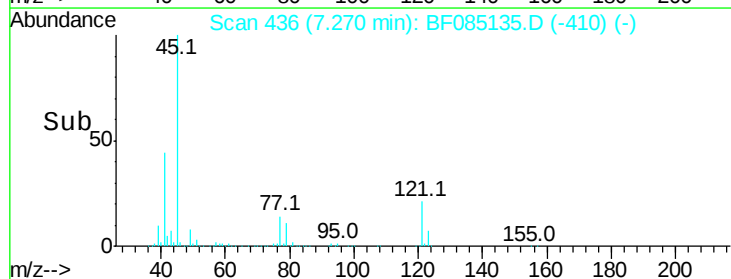
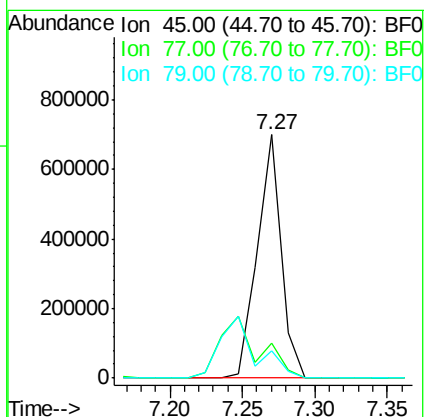
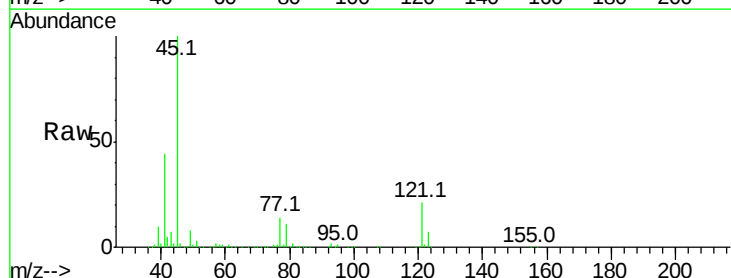
Tgt Ion: 45 Resp: 793415

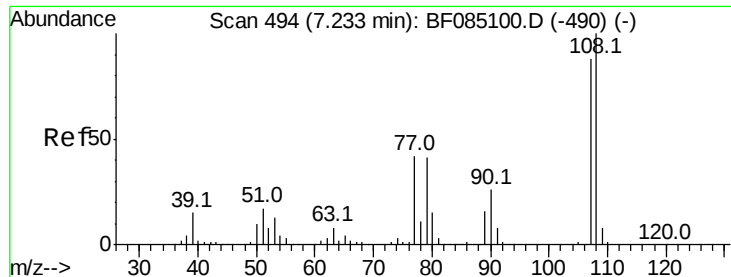
Ion Ratio Lower Upper

45 100

77 14.5 0.0 34.4

79 11.3 0.0 31.1

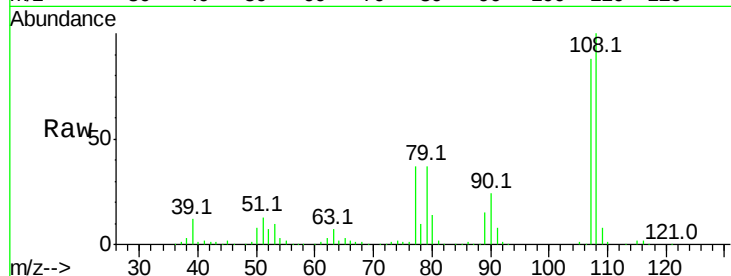




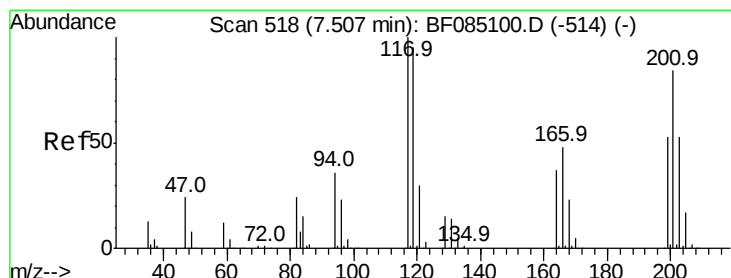
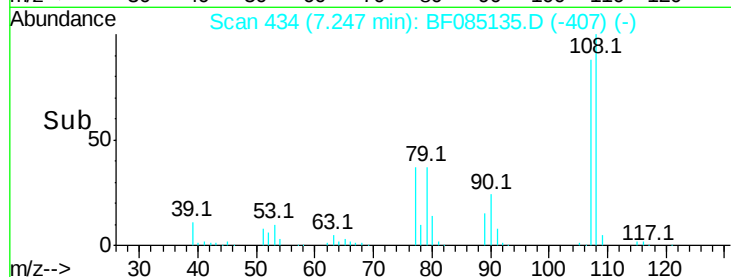
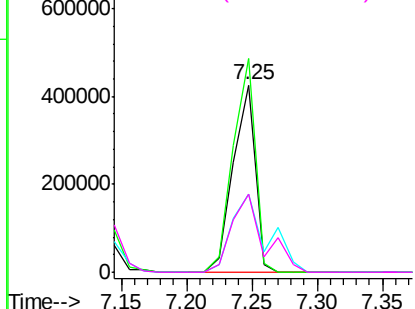
#17
2-Methylphenol
Concen: 48.97 ng
RT: 7.25 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF085135.D
Acq: 2 Mar 2016 22:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 499382
Ion Ratio Lower Upper
107 100
108 114.0 91.4 137.2
77 42.0 38.7 58.1
79 41.7 37.8 56.6

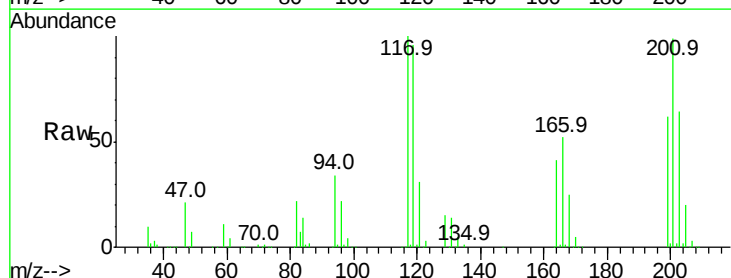


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

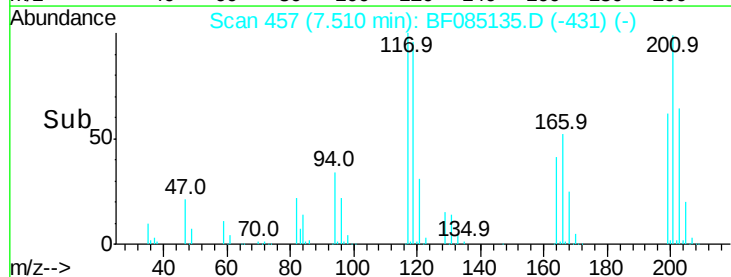
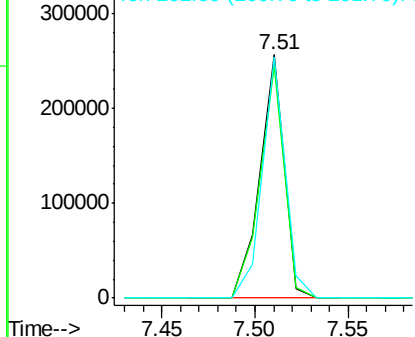


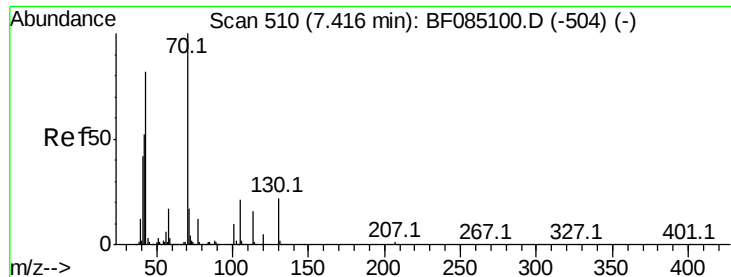
#18
Hexachloroethane
Concen: 46.56 ng
RT: 7.51 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF085135.D
Acq: 2 Mar 2016 22:38

Tgt Ion:117 Resp: 229334
Ion Ratio Lower Upper
117 100
119 95.6 76.2 114.4
201 98.9 66.8 100.2



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

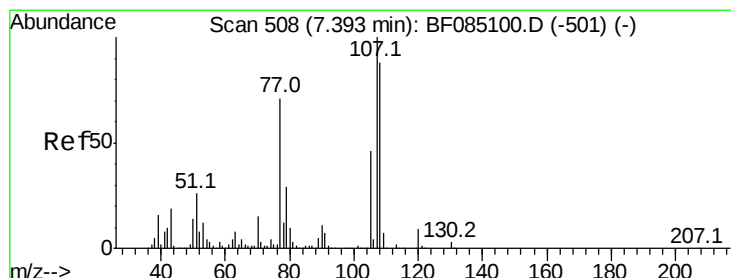
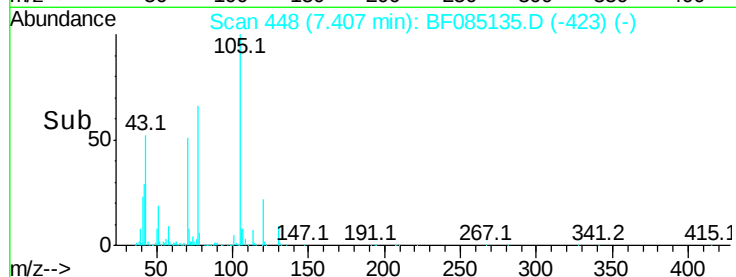
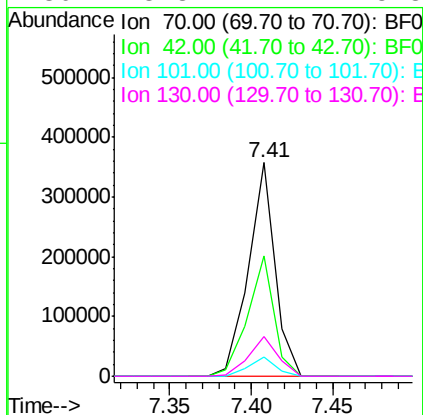
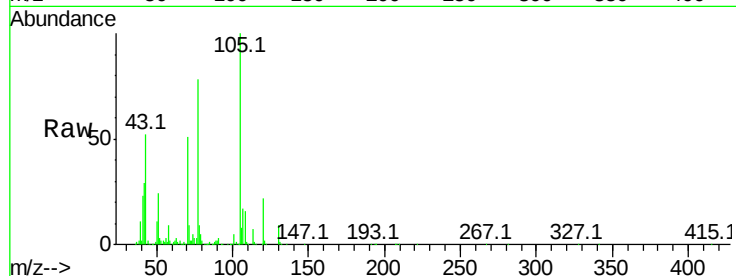




#19
n-Nitroso-di-n-propylamine
Concen: 44.39 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF085135.D
Acq: 2 Mar 2016 22:38

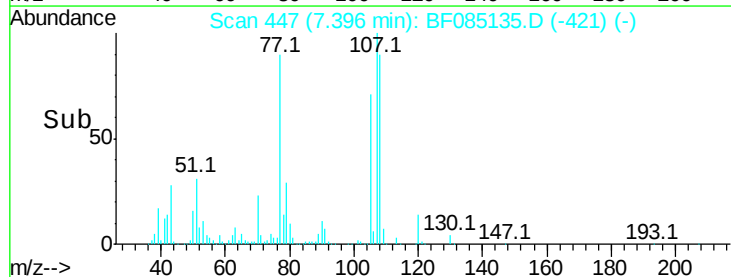
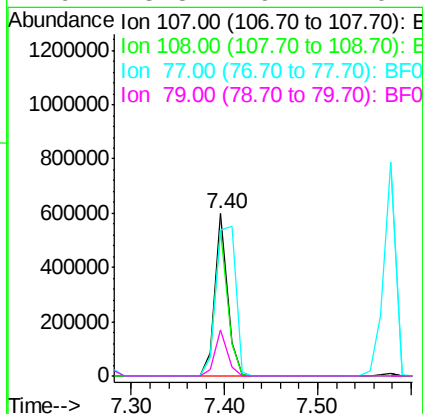
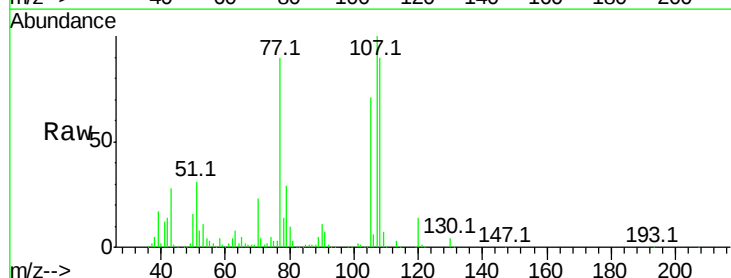
Instrument :
BNA_F
ClientSampleId :

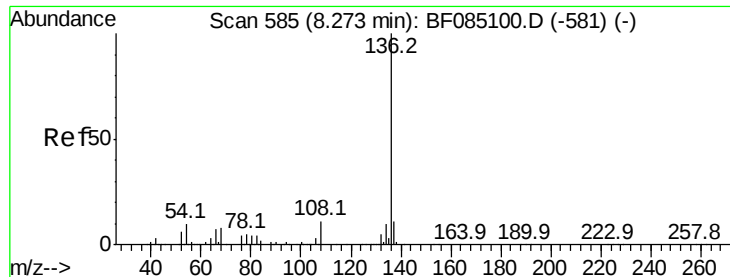
Tot Ion: 70 Resp: 404955
Ion Ratio Lower Upper
70 100
42 56.3 41.9 62.9
101 9.1 7.8 11.8
130 18.3 17.2 25.8



#20
3+4-Methylphenols
Concen: 46.01 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF085135.D
Acq: 2 Mar 2016 22:38

Tgt Ion: 107 Resp: 560764
Ion Ratio Lower Upper
107 100
108 89.6 67.8 107.8
77 89.7 50.6 90.6
79 28.8 9.1 49.1

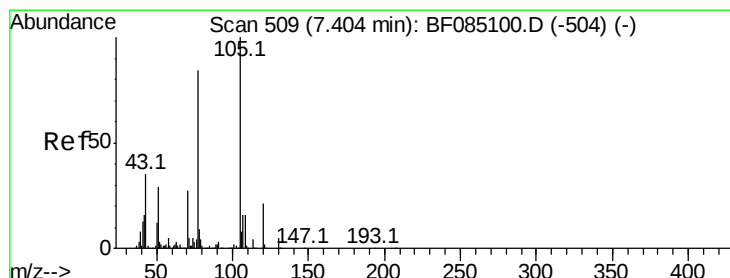
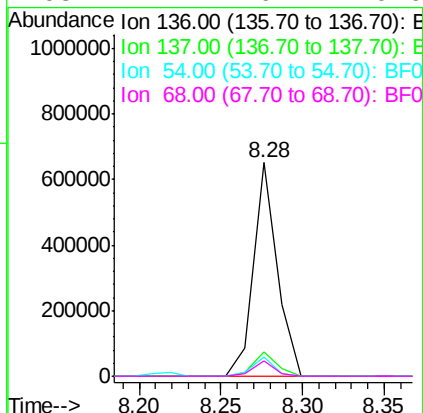
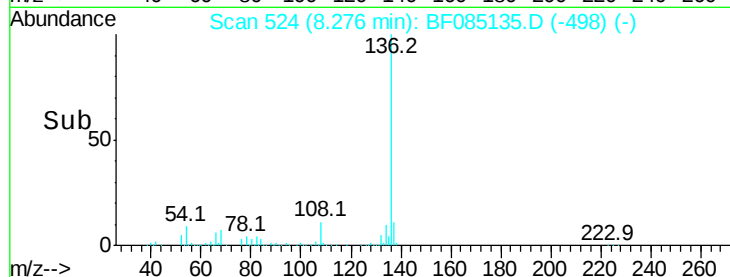
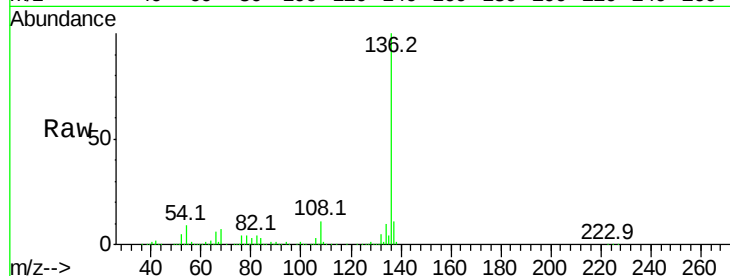




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085135.D
Acq: 2 Mar 2016 22:38

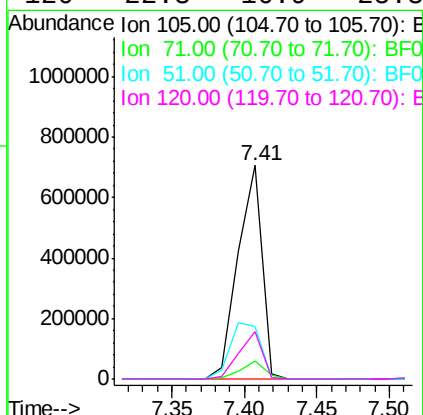
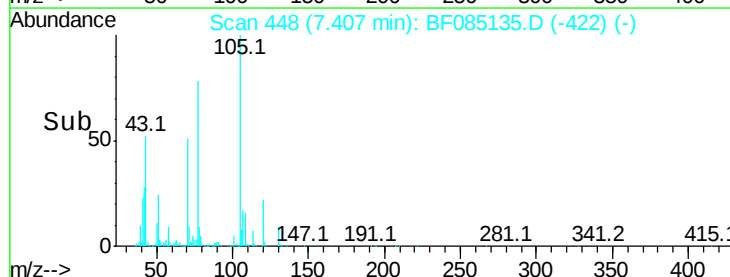
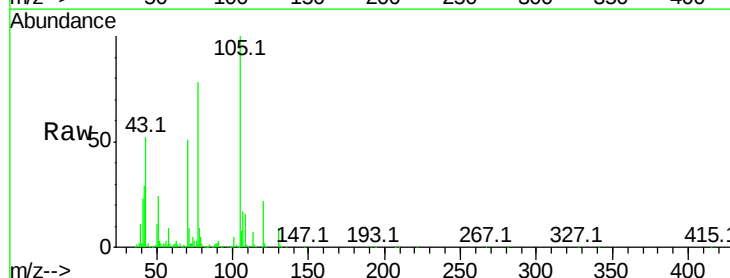
Instrument :
BNA_F
ClientSampled :

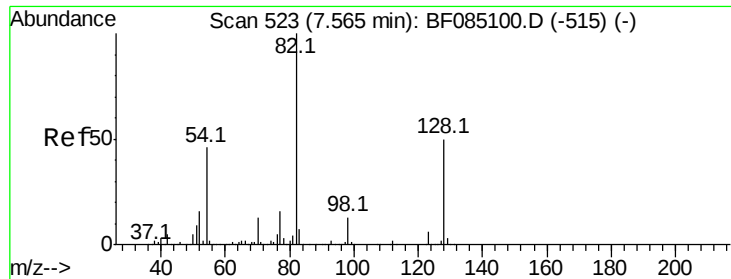
Tot Ion:136	Resp: 655406
Ion Ratio	Lower Upper
136 100	
137 11.2	9.1 13.7
54 9.1	8.5 12.7
68 7.1	6.4 9.6



#22
Acetophenone
Concen: 49.35 ng
RT: 7.41 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF085135.D
Acq: 2 Mar 2016 22:38

Tgt	Ion:105	Resp:	813647
Ion	Ratio	Lower	Upper
105	100		
71	8.6	3.8	5.6#
51	24.5	22.9	34.3
120	22.3	16.9	25.3

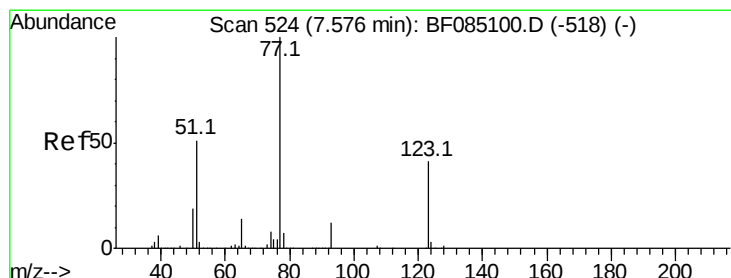
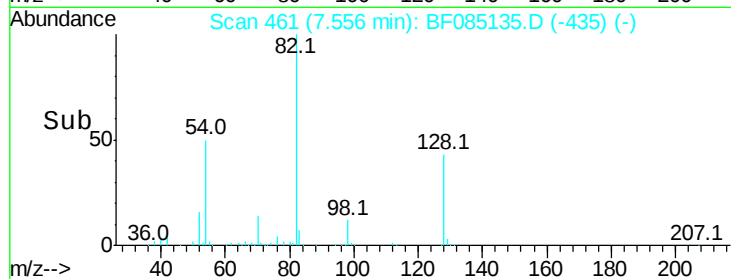
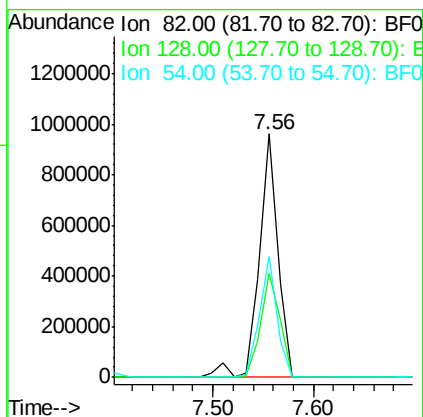
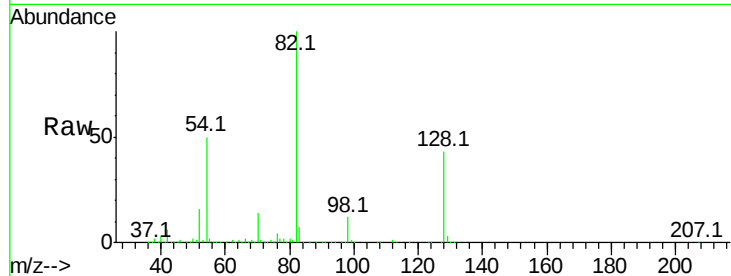




#23
 Nitrobenzene-d5
 Concen: 100.93 ng
 RT: 7.56 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085135.D
 Acq: 2 Mar 2016 22:38

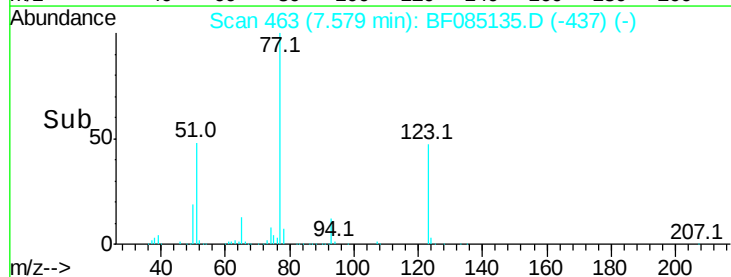
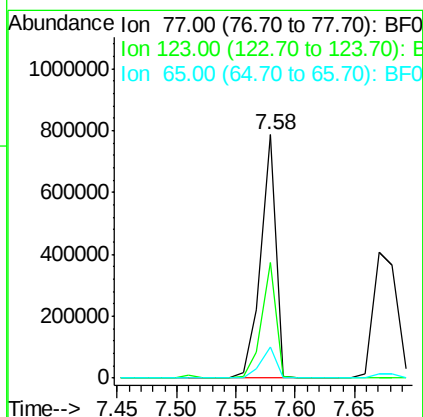
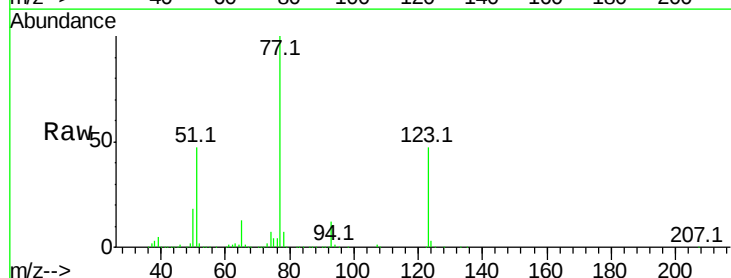
Instrument :
 BNA_F
 ClientSampleId :

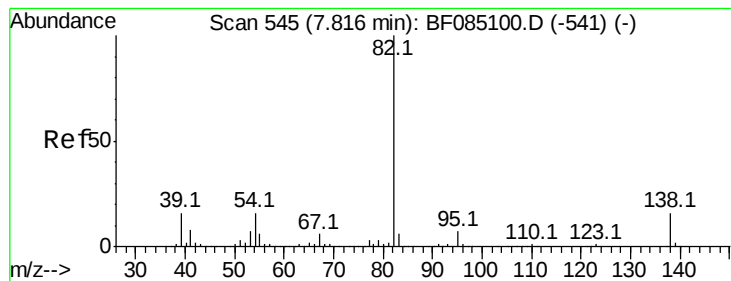
Tot Ion: 82 Resp: 1243304
 Ion Ratio Lower Upper
 82 100
 128 42.8 39.8 59.6
 54 49.6 36.6 54.8



#24
 Nitrobenzene
 Concen: 55.49 ng
 RT: 7.58 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF085135.D
 Acq: 2 Mar 2016 22:38

Tgt Ion: 77 Resp: 709100
 Ion Ratio Lower Upper
 77 100
 123 47.4 33.4 50.2
 65 13.1 10.9 16.3





#25

Isophorone

Concen: 50.32 ng

RT: 7.82 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

Instrument :

BNA_F

ClientSampled :

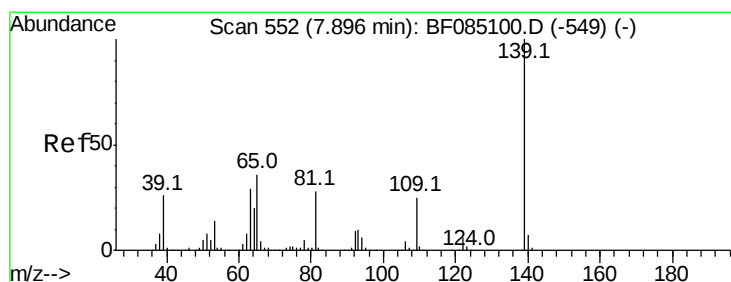
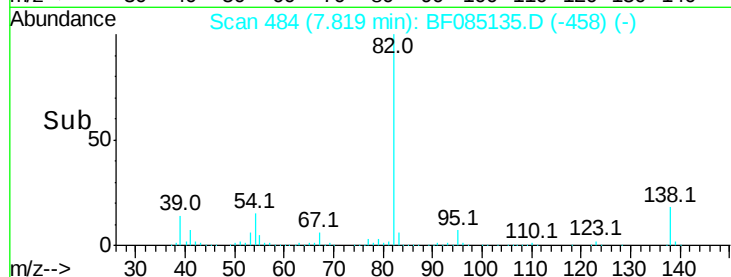
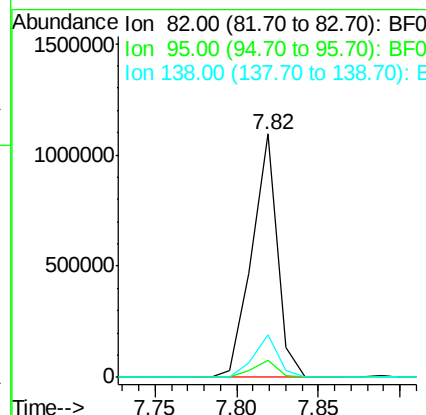
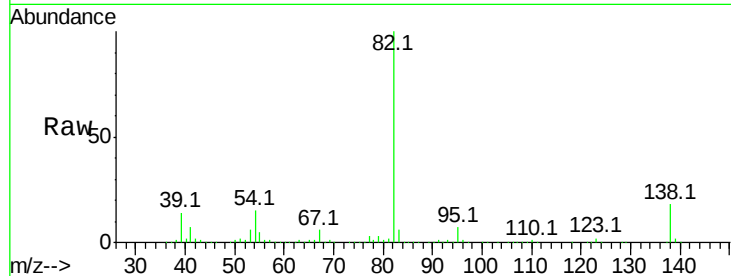
Tot Ion: 82 Resp: 1185726

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

138 17.7 12.6 18.8



#26

2-Nitrophenol

Concen: 51.11 ng

RT: 7.89 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

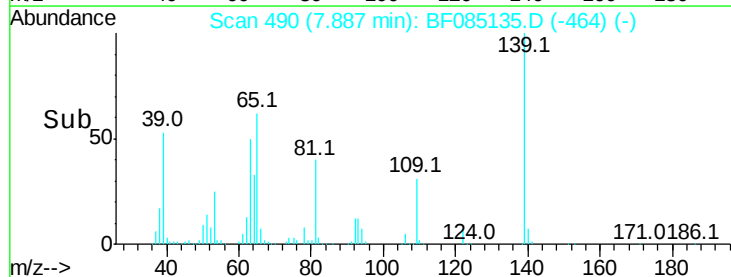
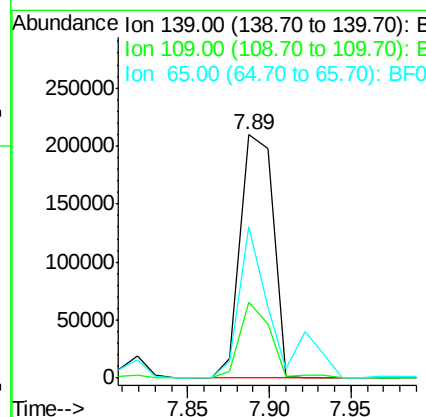
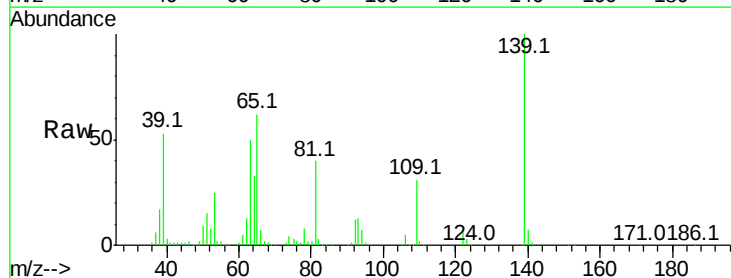
Tgt Ion:139 Resp: 292065

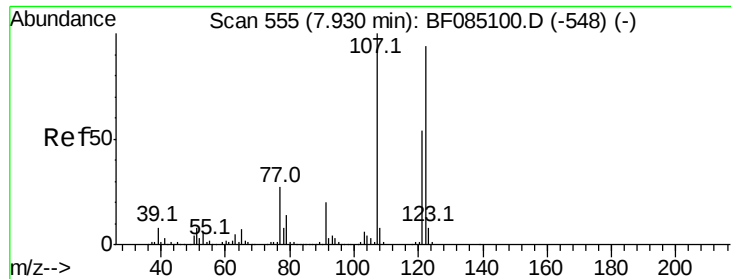
Ion Ratio Lower Upper

139 100

109 31.4 20.4 30.6#

65 62.0 29.2 43.8#





#27

2,4-Dimethylphenol

Concen: 49.90 ng

RT: 7.92 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

Instrument :

BNA_F

ClientSampleId :

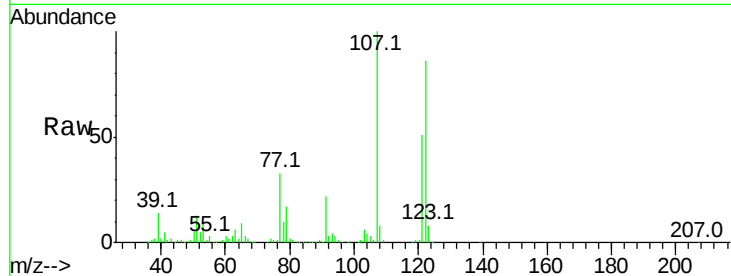
Tot Ion:122 Resp: 552653

Ion Ratio Lower Upper

122 100

107 116.1 85.0 127.4

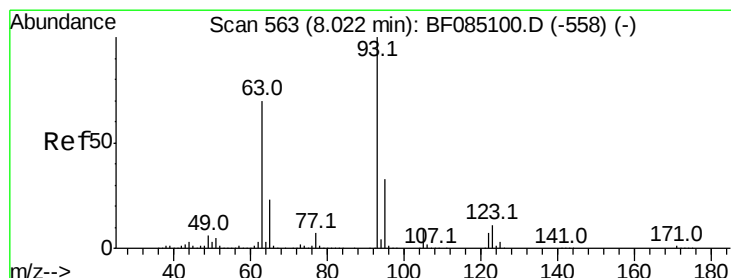
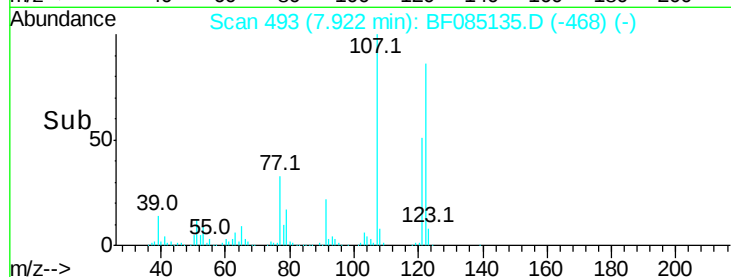
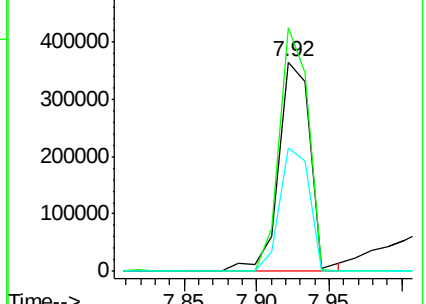
121 58.9 45.8 68.8



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: 56.31 ng

RT: 8.02 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

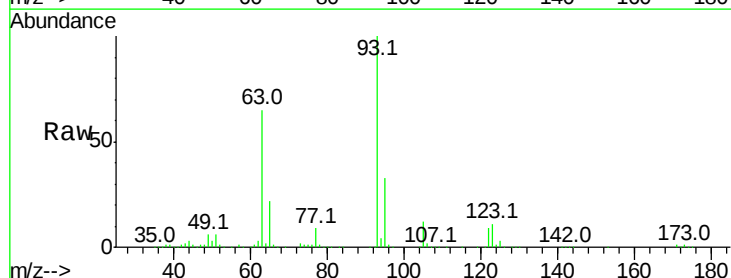
Tgt Ion: 93 Resp: 731734

Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

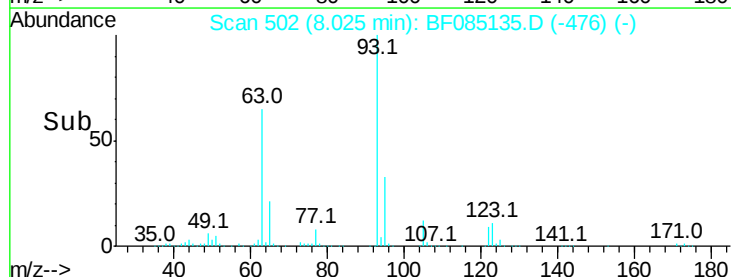
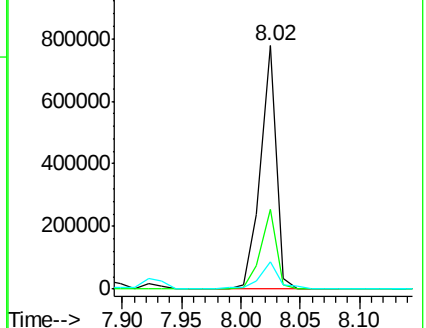
123 11.2 8.8 13.2

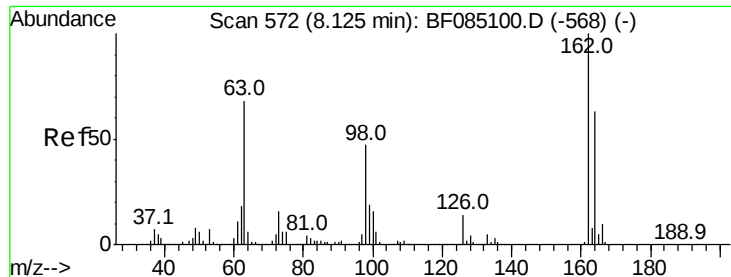


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 52.06 ng

RT: 8.14 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

Instrument :

BNA_F

ClientSampleId :

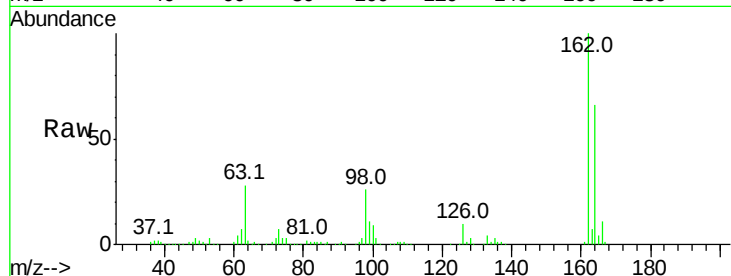
Tot Ion:162 Resp: 474390

Ion Ratio Lower Upper

162 100

164 66.1 42.9 82.9

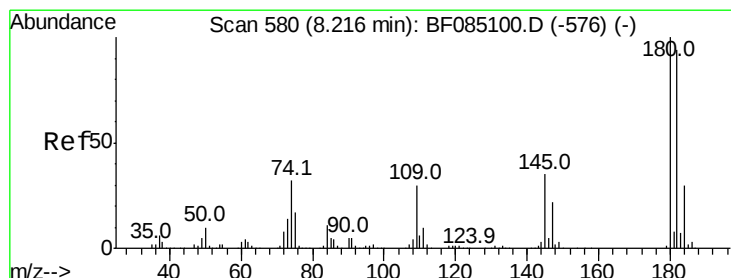
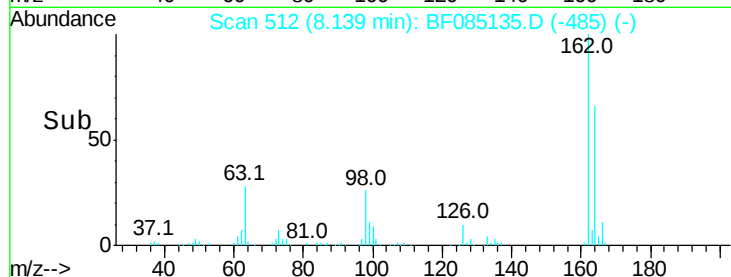
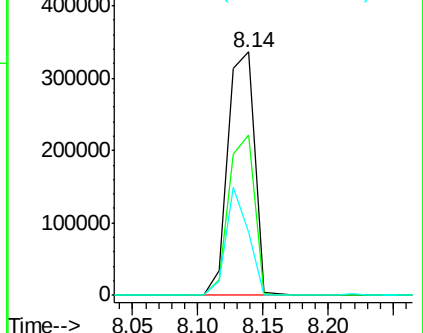
98 26.1 26.9 66.9#



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: 51.93 ng

RT: 8.22 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

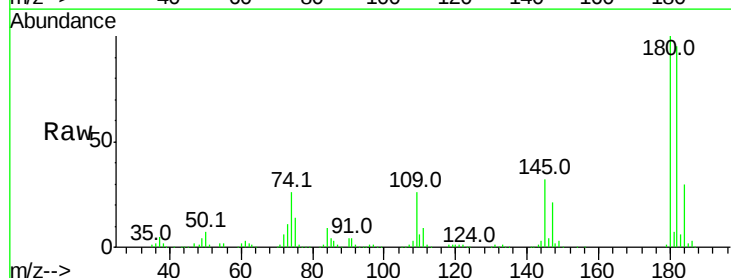
Tgt Ion:180 Resp: 515797

Ion Ratio Lower Upper

180 100

182 95.1 75.4 113.0

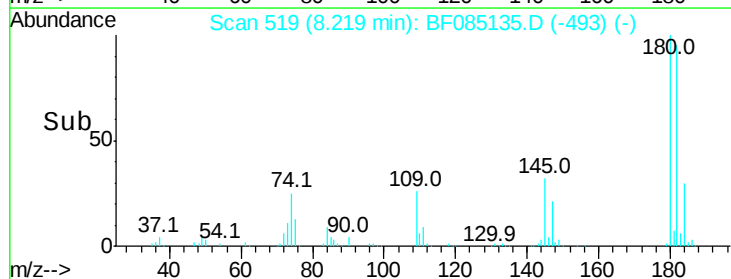
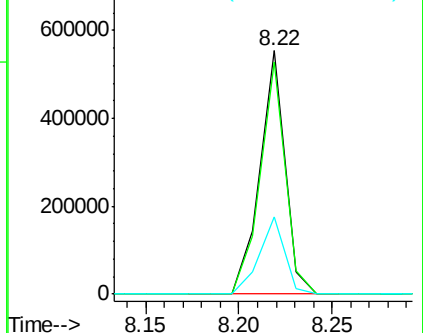
145 31.7 27.8 41.8

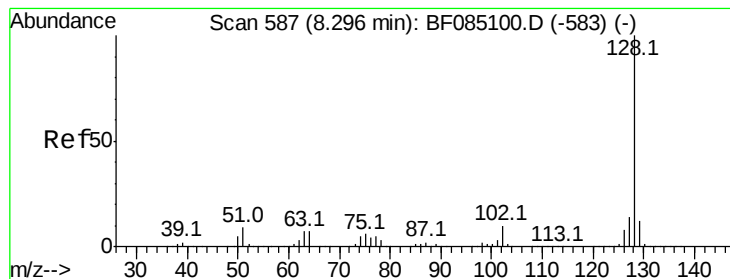


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 53.15 ng

RT: 8.30 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

Instrument :

BNA_F

ClientSampled :

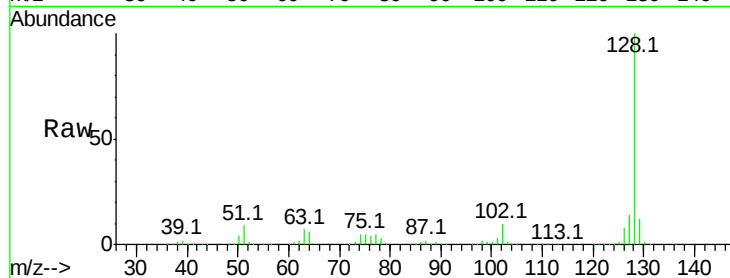
Tot Ion:128 Resp: 1761681

Ion Ratio Lower Upper

128 100

129 12.2 9.7 14.5

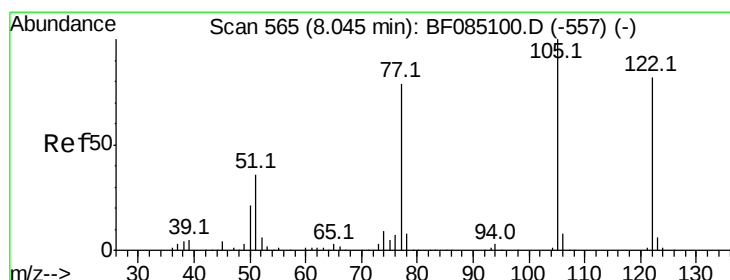
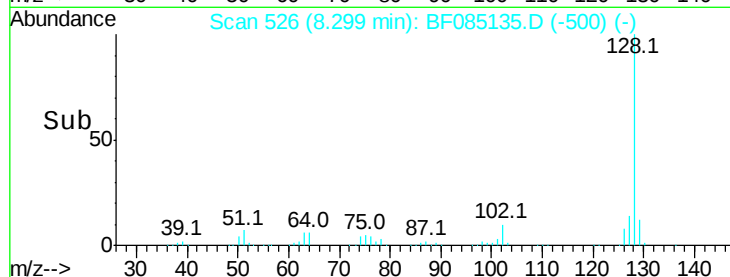
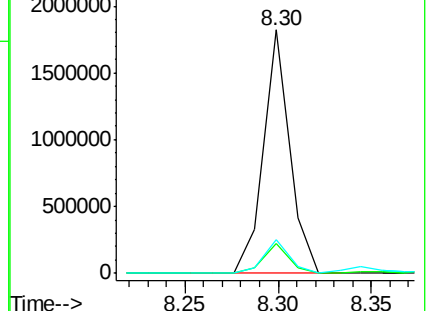
127 13.9 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 53.84 ng

RT: 8.05 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

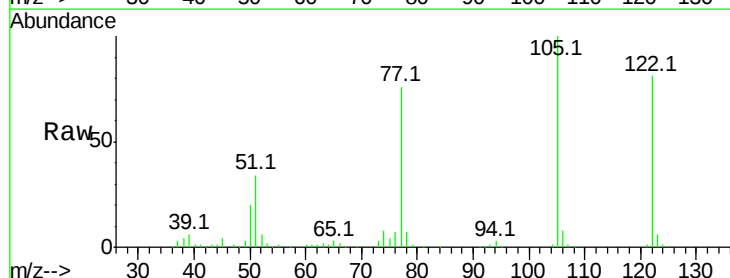
Tgt Ion:122 Resp: 358776

Ion Ratio Lower Upper

122 100

105 123.0 102.0 142.0

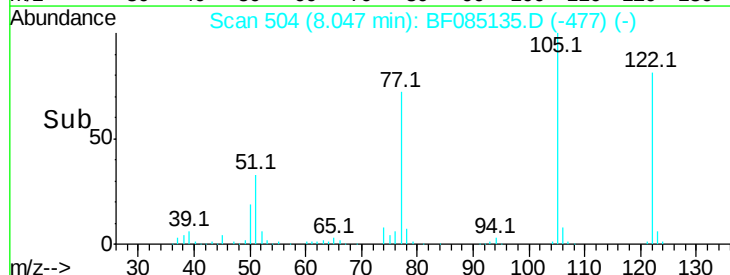
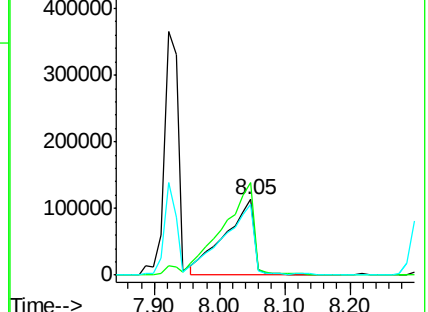
77 93.1 76.8 116.8

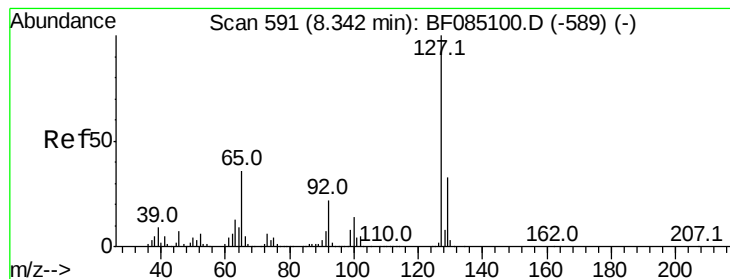


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 6.17 ng

RT: 8.34 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF085135.D

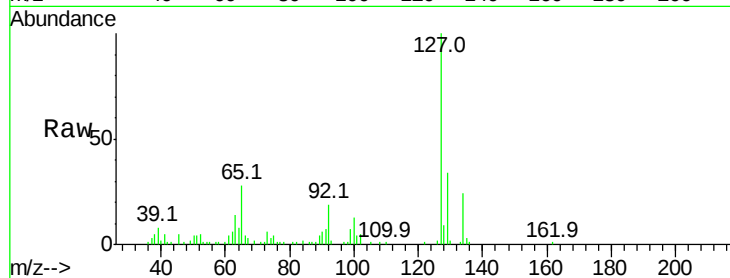
Acq: 2 Mar 2016 22:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	80822
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.3	39.5
65	27.9	28.6	43.0#
92	19.1	17.8	26.8

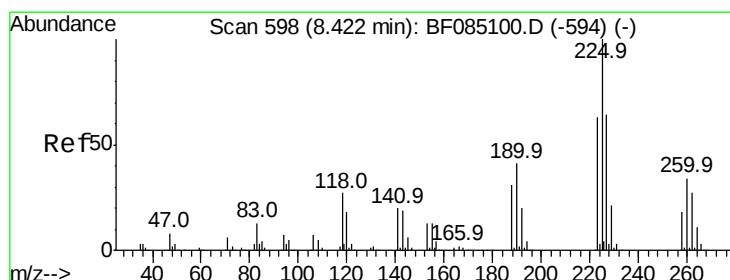
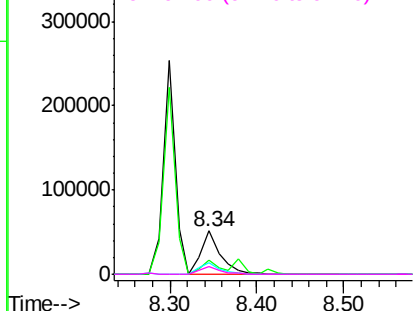
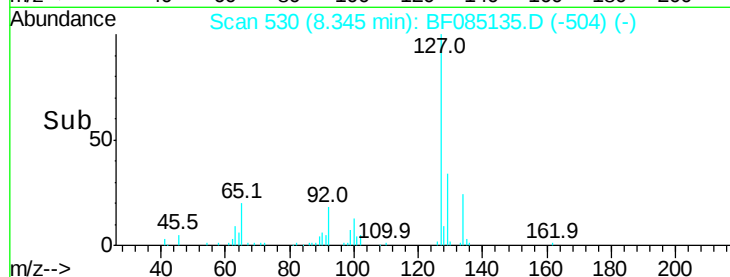


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 50.95 ng

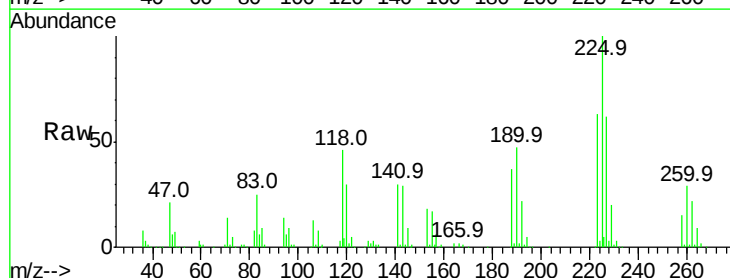
RT: 8.41 min Scan# 536

Delta R.T. -0.01 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

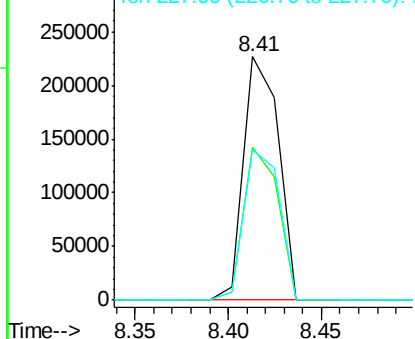
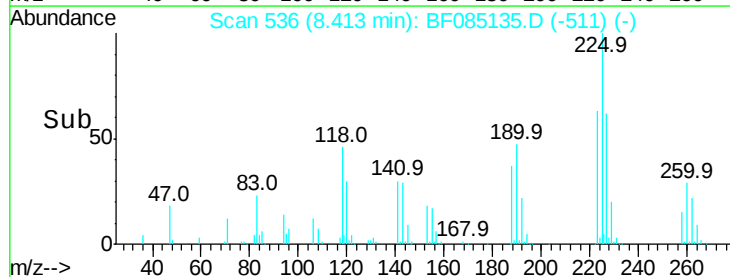
Tgt Ion:	225	Resp:	293561
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.4	75.6
227	61.7	51.6	77.4

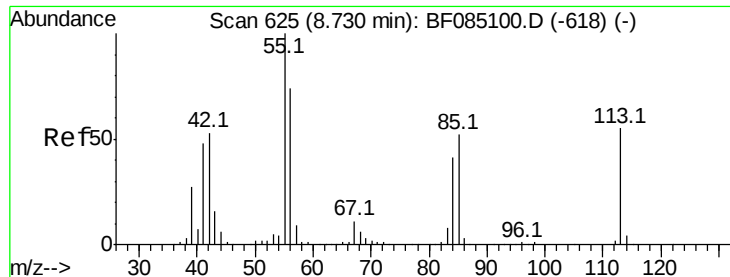


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.54 ng

RT: 8.72 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

Instrument :

BNA_F

ClientSampleId :

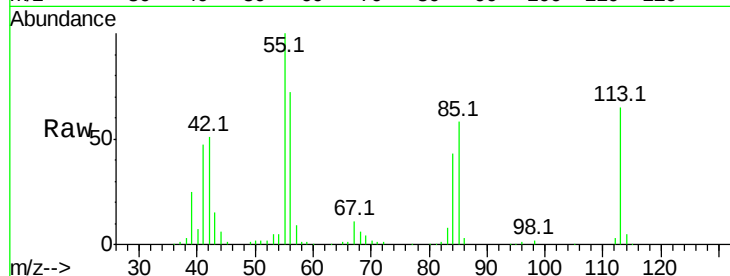
Tot Ion:113 Resp: 113066

Ion Ratio Lower Upper

113 100

55 153.9 162.9 202.9#

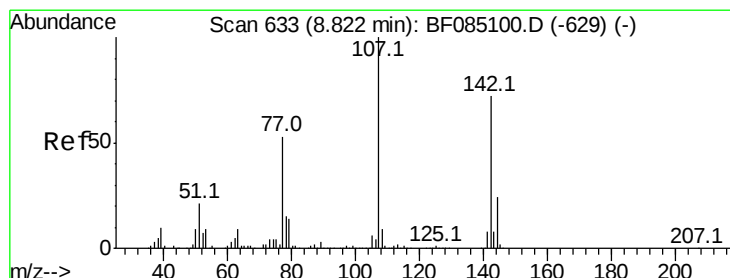
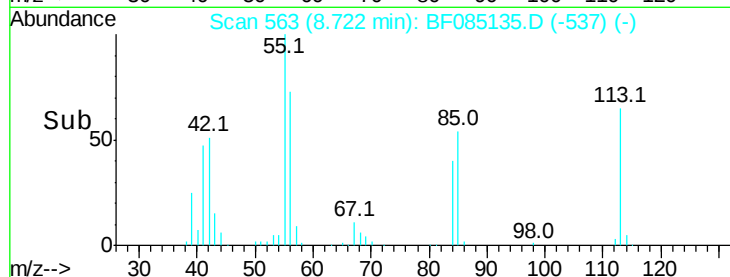
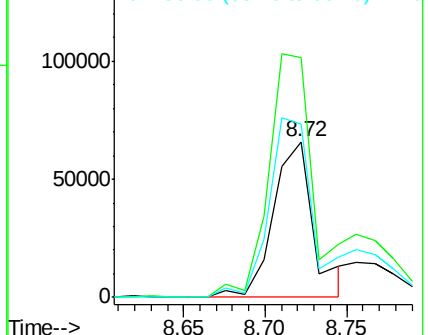
56 111.5 114.5 154.5#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 49.38 ng

RT: 8.82 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

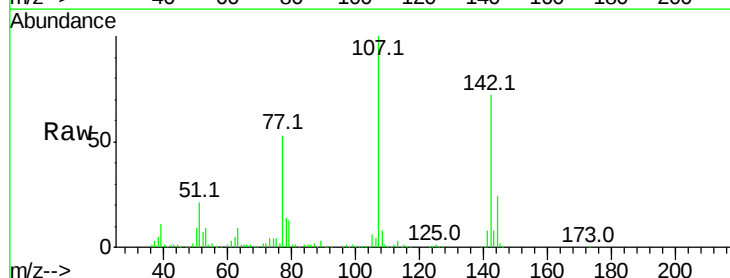
Tgt Ion:107 Resp: 497522

Ion Ratio Lower Upper

107 100

144 23.8 18.9 28.3

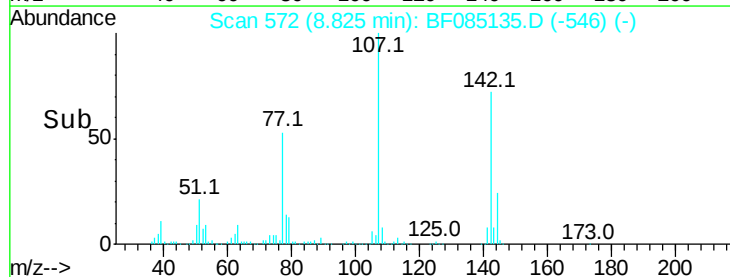
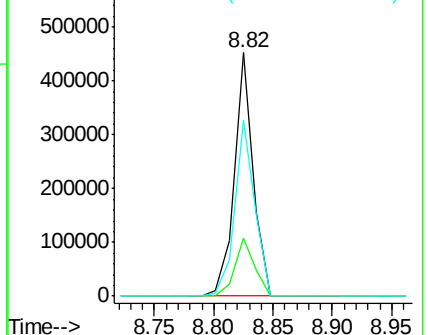
142 72.2 57.9 86.9

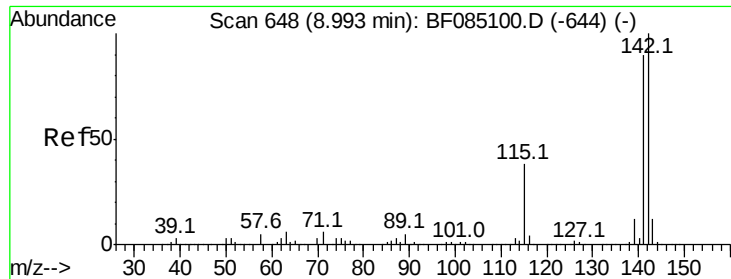


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

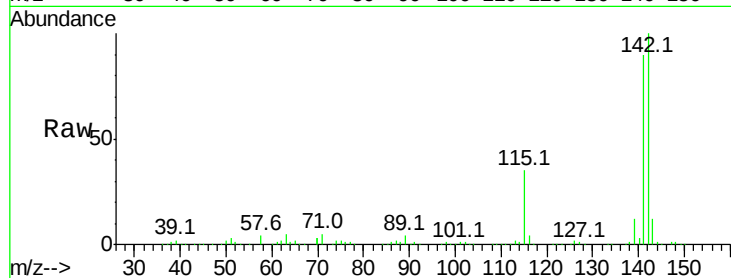




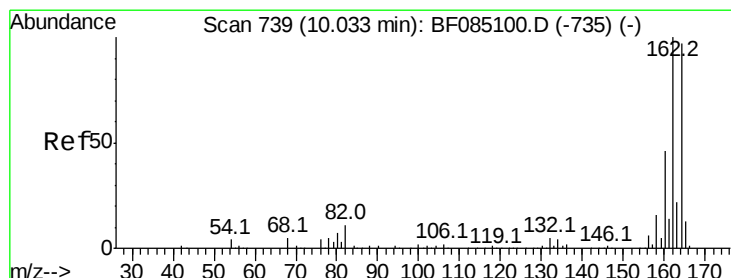
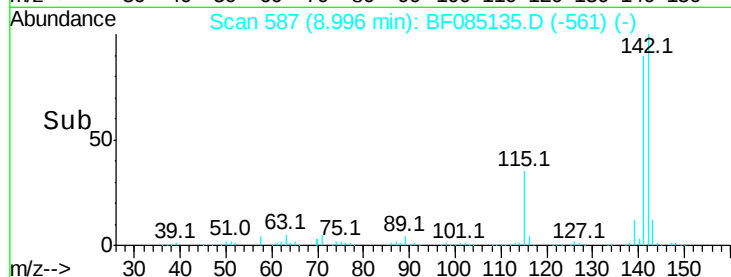
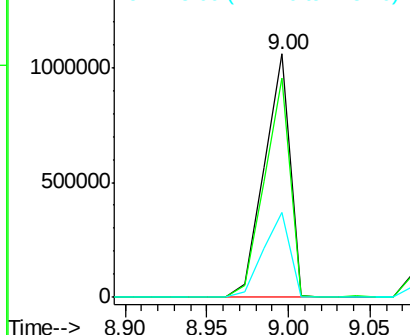
#37
2-Methylnaphthalene
Concen: 57.25 ng
RT: 9.00 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF085135.D
Acq: 2 Mar 2016 22:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1160029
Ion Ratio Lower Upper
142 100
141 90.0 71.7 107.5
115 34.7 30.1 45.1

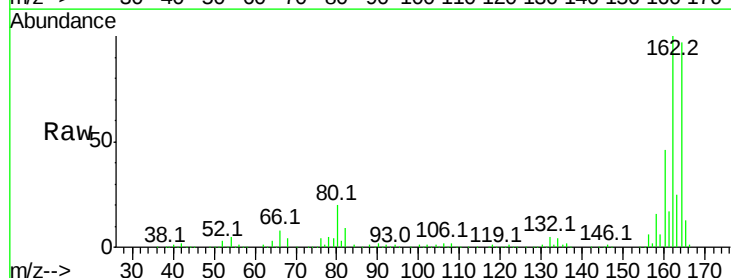


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

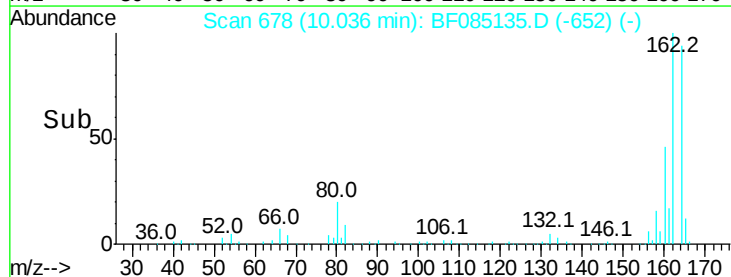
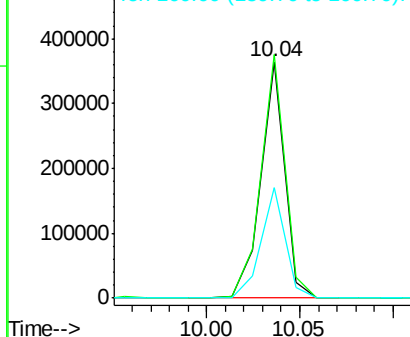


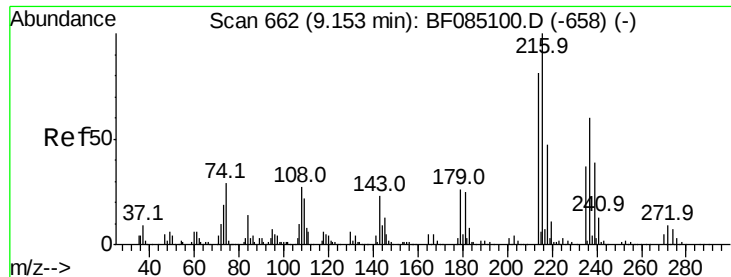
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF085135.D
Acq: 2 Mar 2016 22:38

Tgt Ion:164 Resp: 319125
Ion Ratio Lower Upper
164 100
162 102.9 82.6 123.8
160 46.9 38.2 57.2



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: 44.79 ng

RT: 9.16 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 440161

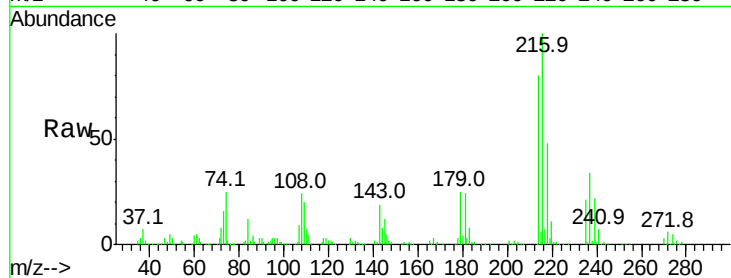
Ion Ratio Lower Upper

216 100

214 79.3 63.7 95.5

179 23.3 18.1 27.1

108 23.9 17.1 25.7

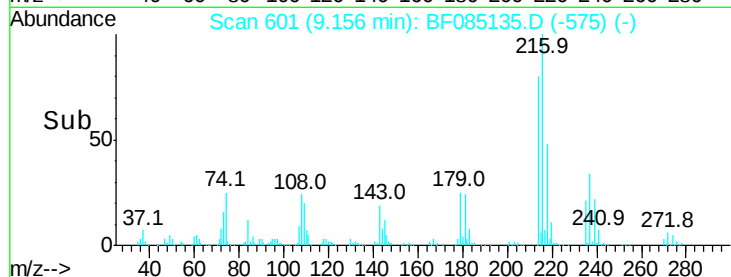


Abundance Ion 216.00 (215.70 to 216.70): E

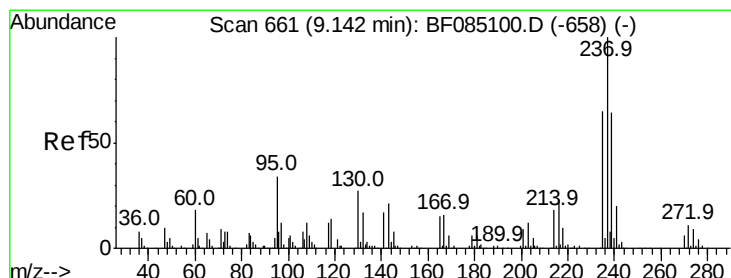
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 84.90 ng

RT: 9.14 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

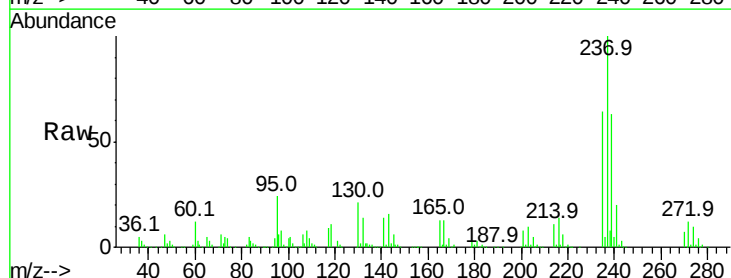
Tgt Ion:237 Resp: 475062

Ion Ratio Lower Upper

237 100

235 63.6 45.3 85.3

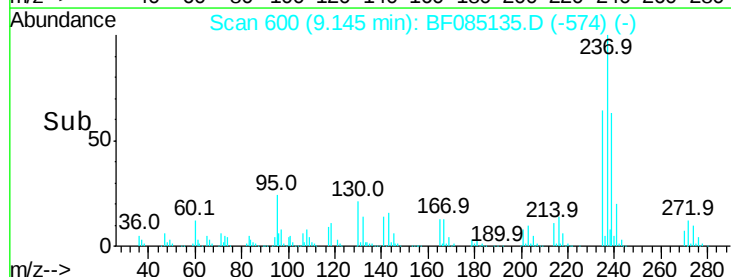
272 12.2 0.0 31.2



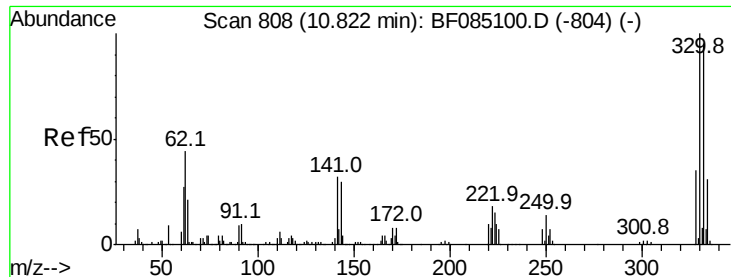
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



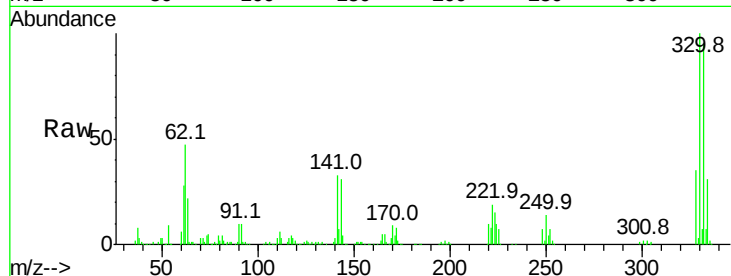
Time-->



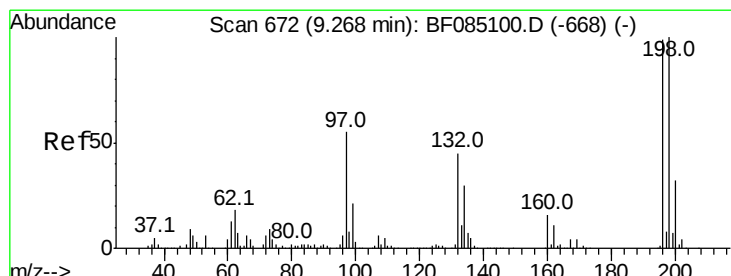
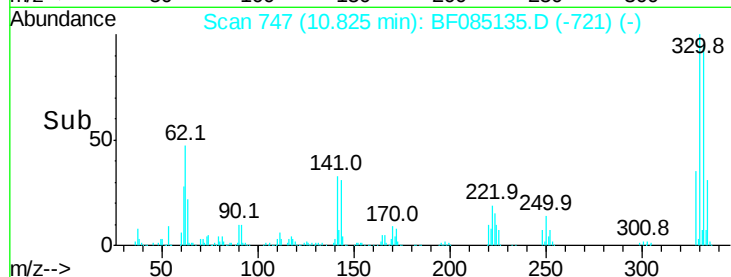
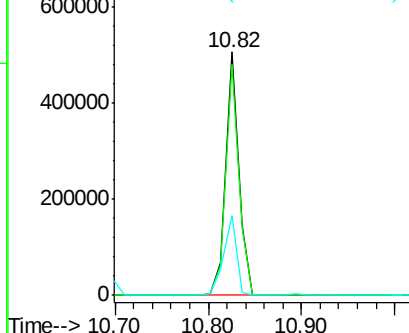
#41
 2,4,6-Tribromophenol
 Concen: 155.02 ng
 RT: 10.82 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF085135.D
 Acq: 2 Mar 2016 22:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.9	113.9
141	32.1	28.9	43.3

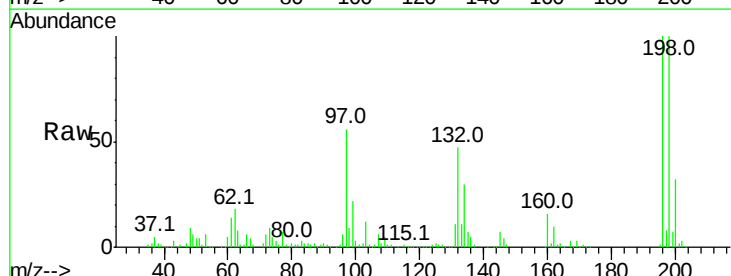


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

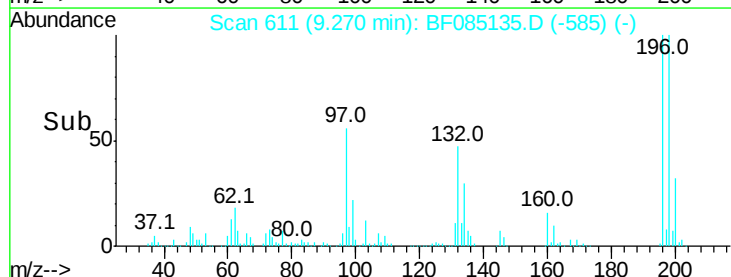
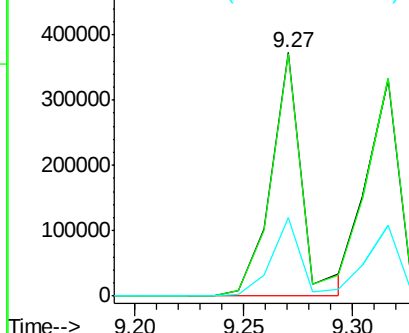


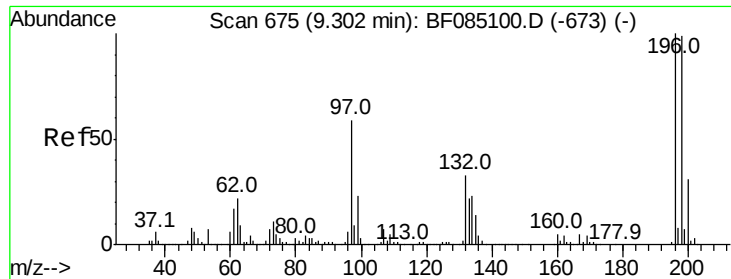
#42
 2,4,6-Trichlorophenol
 Concen: 55.46 ng
 RT: 9.27 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF085135.D
 Acq: 2 Mar 2016 22:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.7	80.4	120.6
200	32.4	25.8	38.8



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

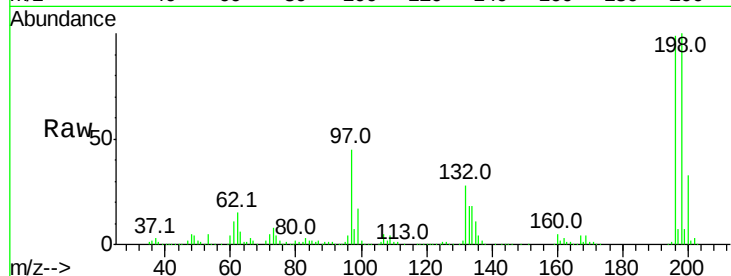




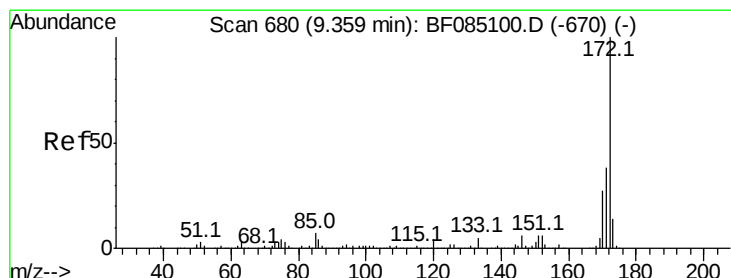
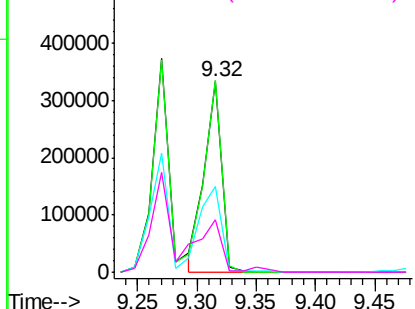
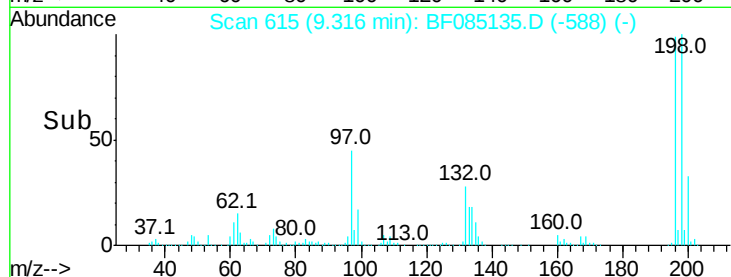
#43
 2,4,5-Trichlorophenol
 Concen: 53.86 ng
 RT: 9.32 min Scan# 615
 Delta R.T. 0.01 min
 Lab File: BF085135.D
 Acq: 2 Mar 2016 22:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 341494
 Ion Ratio Lower Upper
 196 100
 198 100.6 79.5 119.3
 97 45.1 47.3 70.9#
 132 27.8 26.5 39.7

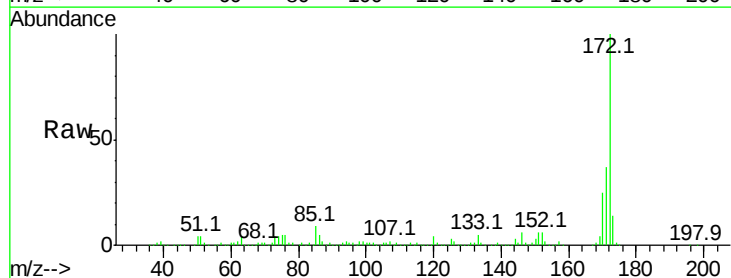


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

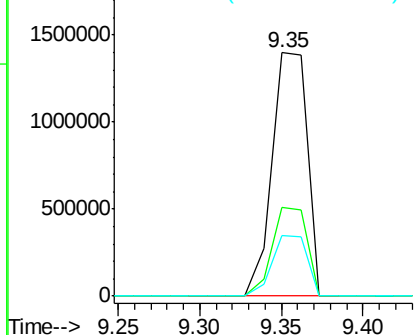
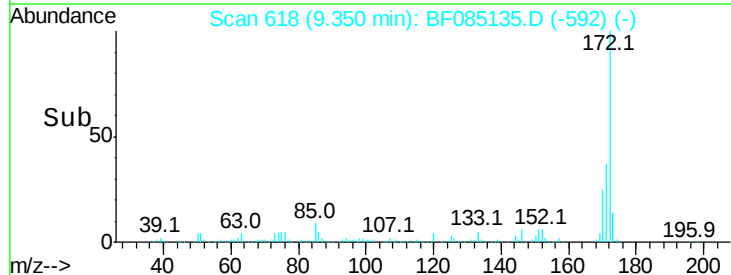


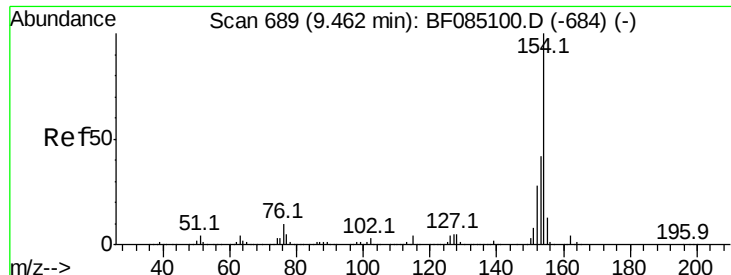
#44
 2-Fluorobiphenyl
 Concen: 97.00 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085135.D
 Acq: 2 Mar 2016 22:38

Tgt Ion:172 Resp: 2101735
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.5 45.7
 170 25.0 21.2 31.8



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: 42.86 ng

RT: 9.45 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

Instrument :

BNA_F

ClientSampleId :

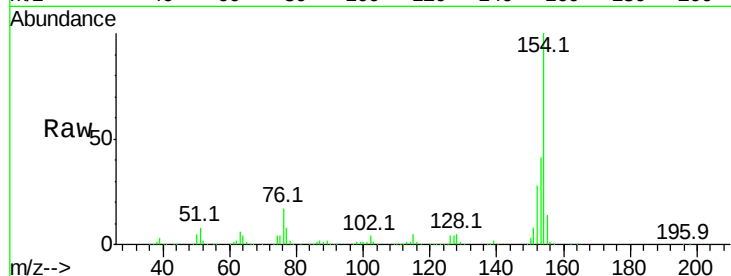
Tot Ion:154 Resp: 1214134

Ion Ratio Lower Upper

154 100

153 41.4 21.5 61.5

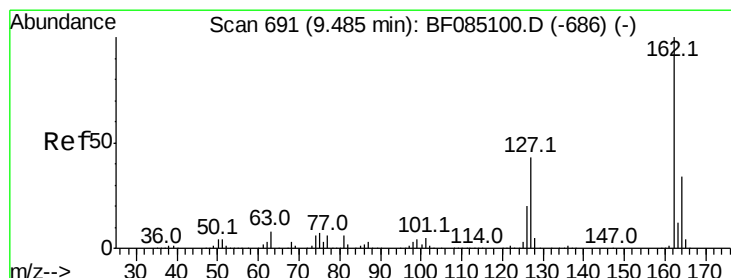
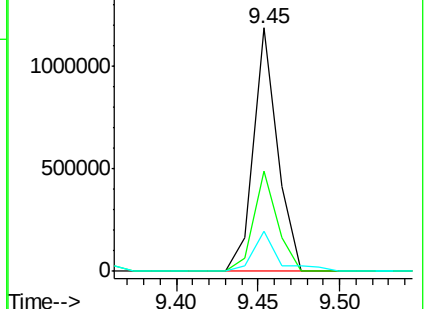
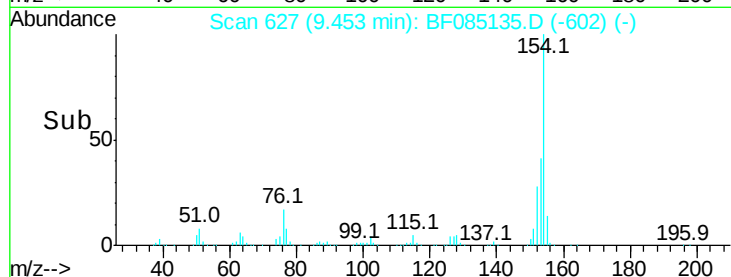
76 16.6 0.0 29.7



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: 50.07 ng

RT: 9.49 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

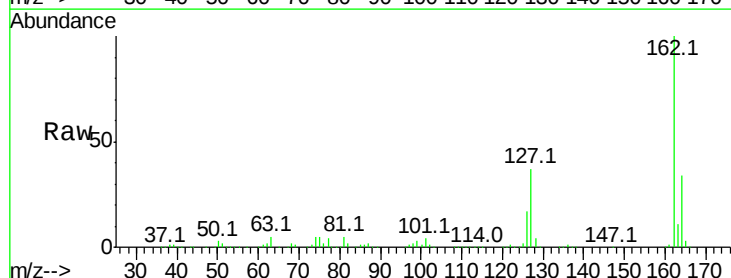
Tgt Ion:162 Resp: 1034485

Ion Ratio Lower Upper

162 100

127 36.9 34.2 51.4

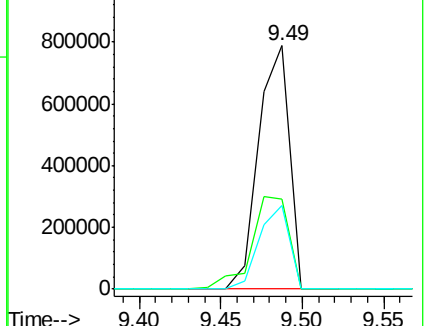
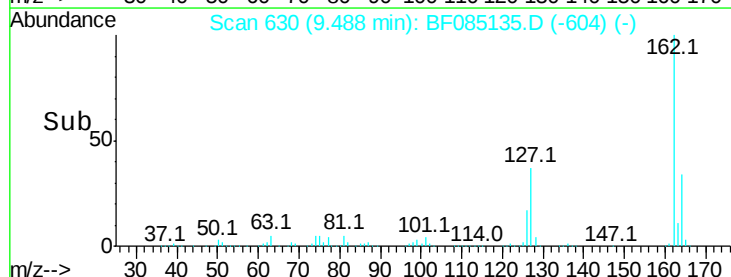
164 34.2 27.2 40.8

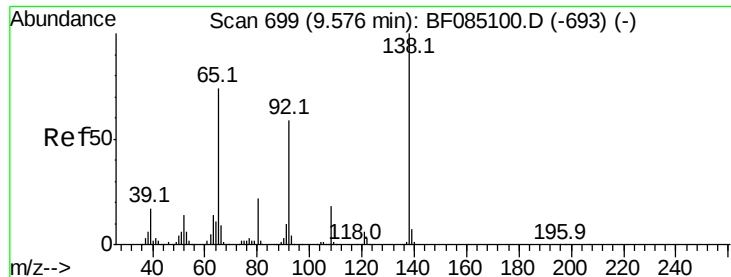


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.57 ng

RT: 9.58 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

Instrument :

BNA_F

ClientSampled :

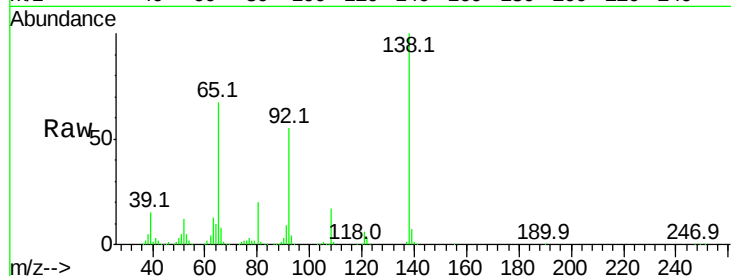
Tot Ion: 65 Resp: 315025

Ion Ratio Lower Upper

65 100

92 81.8 63.8 95.6

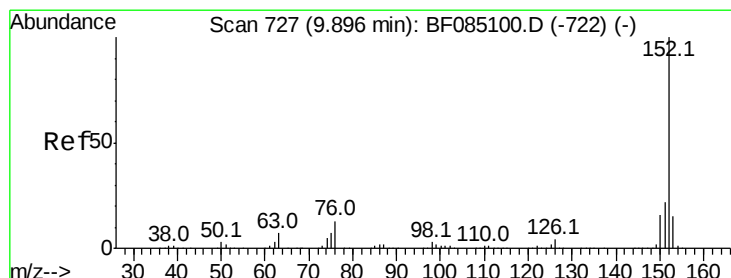
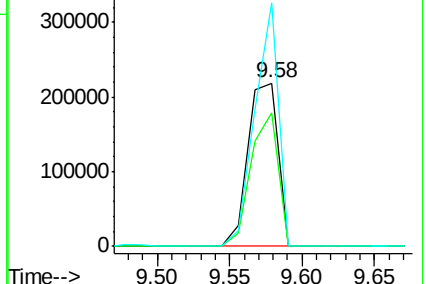
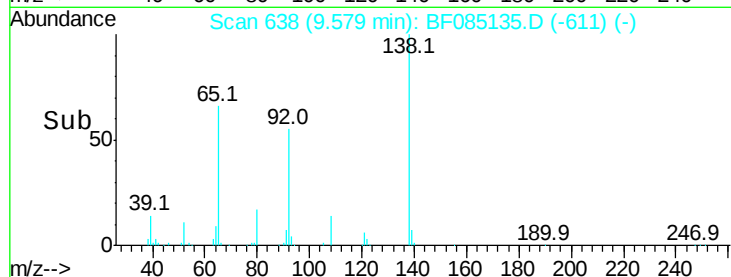
138 148.9 108.5 162.7



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: 49.28 ng

RT: 9.90 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

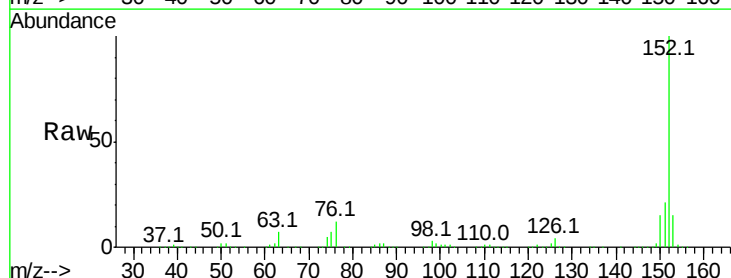
Tgt Ion: 152 Resp: 1513052

Ion Ratio Lower Upper

152 100

151 21.1 17.4 26.0

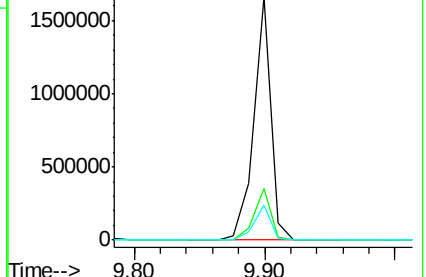
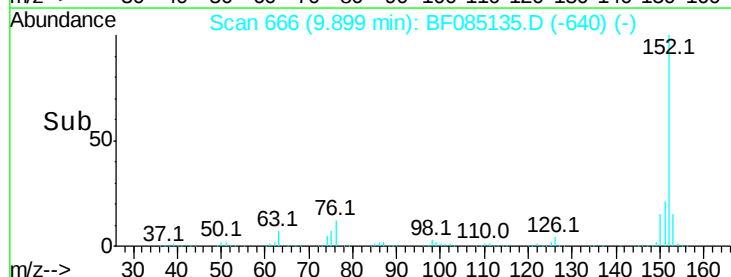
153 14.5 12.0 18.0

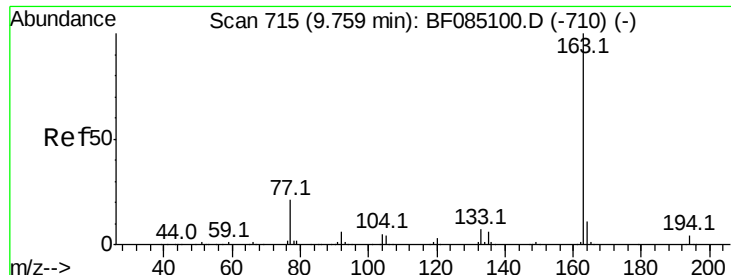


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

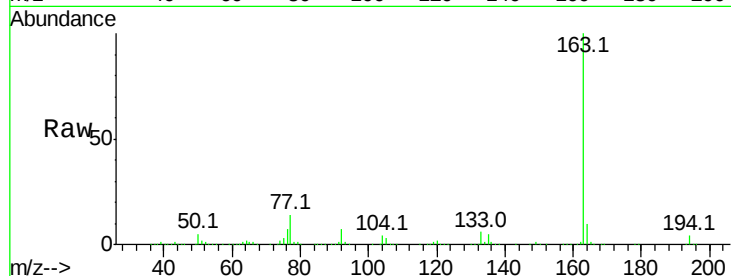




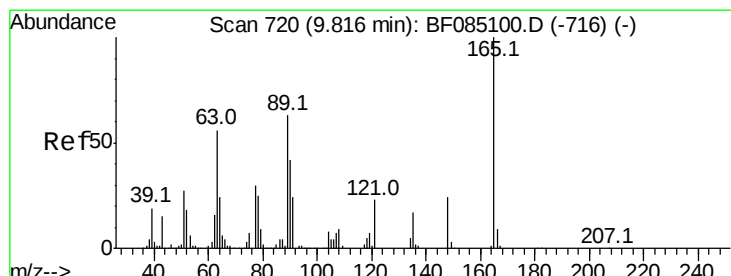
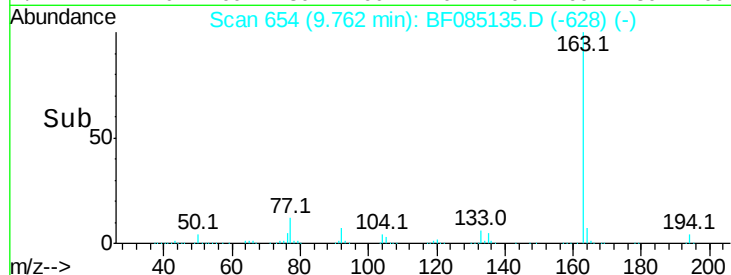
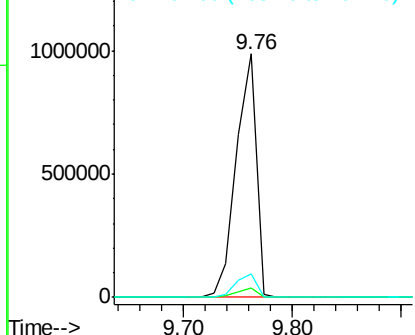
#49
Dimethylphthalate
Concen: 52.67 ng
RT: 9.76 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF085135.D
Acq: 2 Mar 2016 22:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1246225
Ion Ratio Lower Upper
163 100
194 4.0 2.9 4.3
164 9.7 8.6 12.8

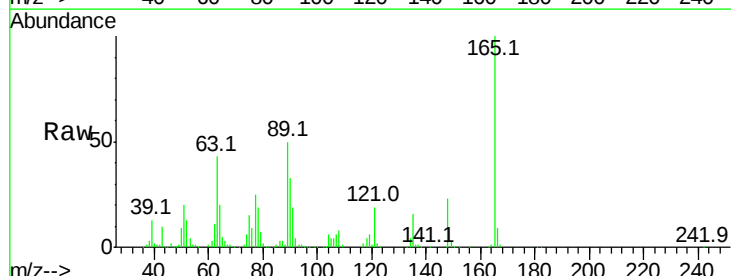


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

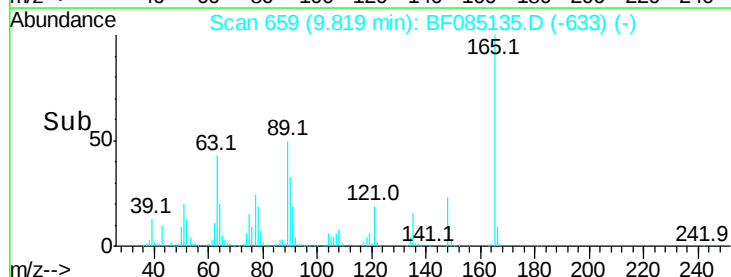
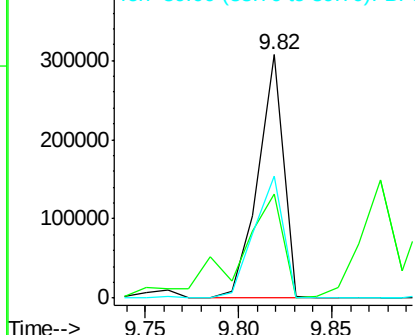


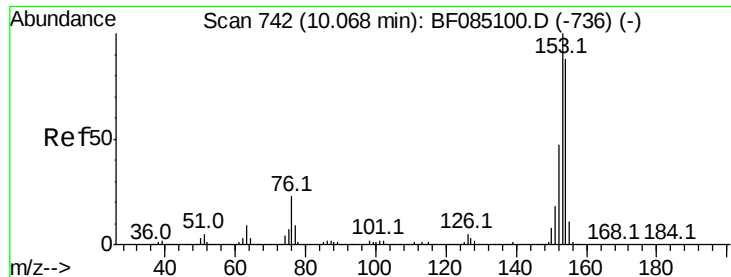
#50
2,6-Dinitrotoluene
Concen: 59.17 ng
RT: 9.82 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF085135.D
Acq: 2 Mar 2016 22:38

Tgt Ion:165 Resp: 290340
Ion Ratio Lower Upper
165 100
63 42.9 47.4 71.2#
89 50.2 50.2 75.2



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: 57.40 ng

RT: 10.07 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

Instrument :

BNA_F

ClientSampleId :

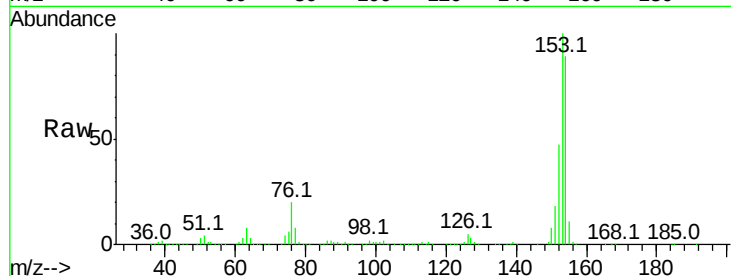
Tot Ion:154 Resp: 1106534

Ion Ratio Lower Upper

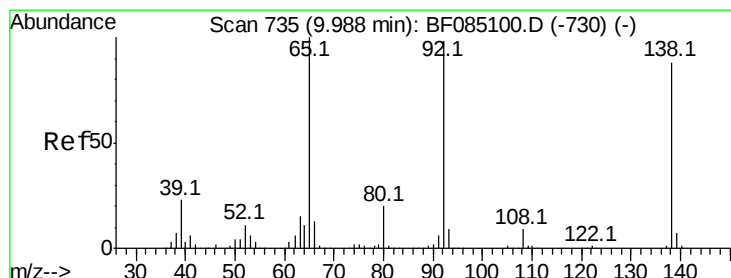
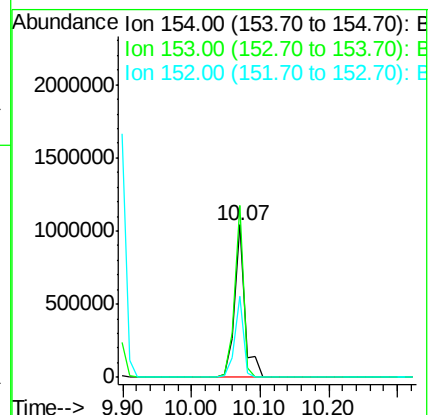
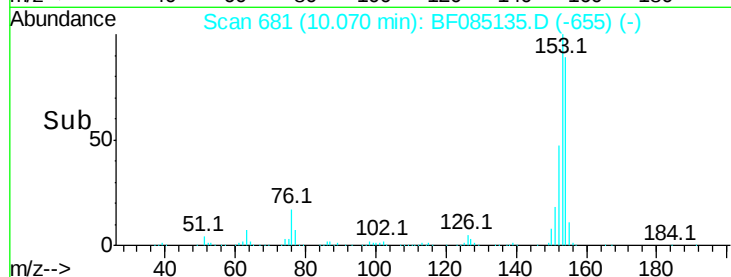
154 100

153 112.9 91.0 136.6

152 53.4 43.0 64.6



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: 14.58 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

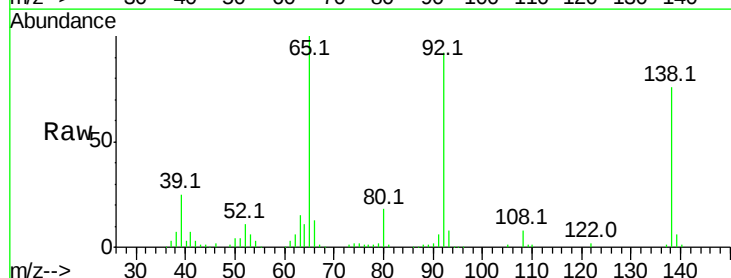
Tgt Ion:138 Resp: 85007

Ion Ratio Lower Upper

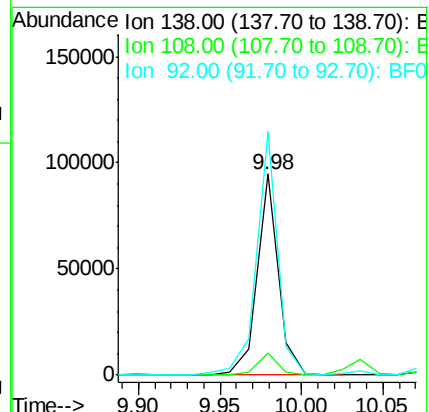
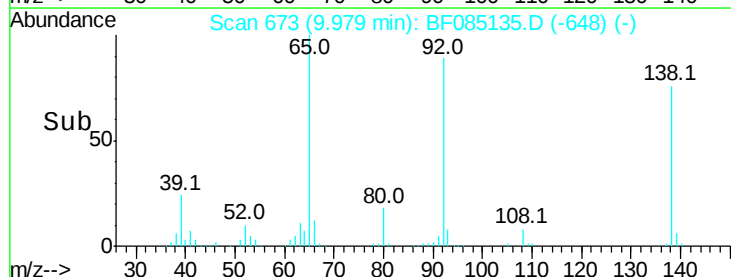
138 100

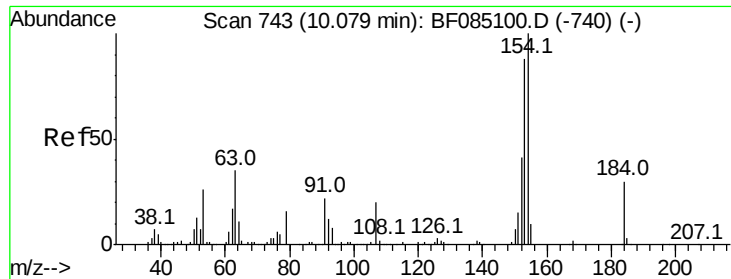
108 11.0 8.2 12.2

92 121.2 89.0 133.6



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

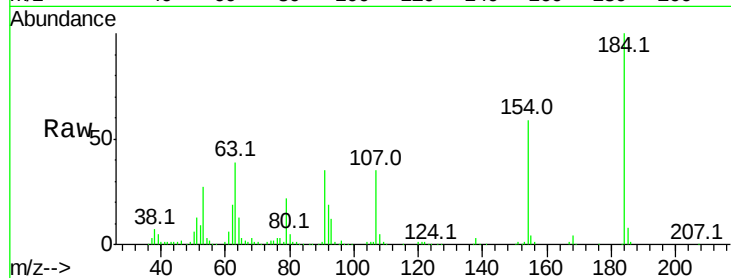




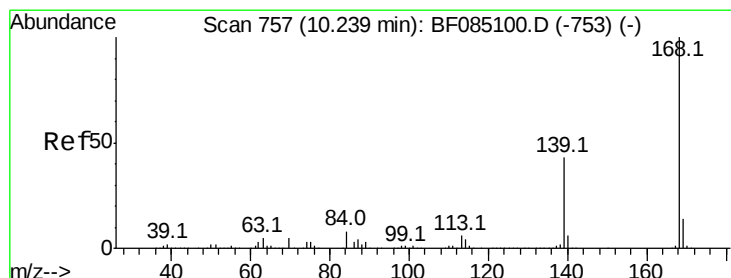
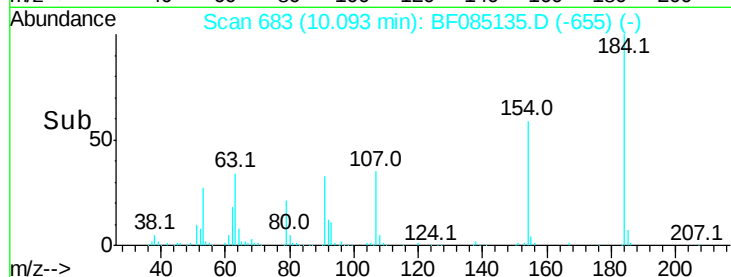
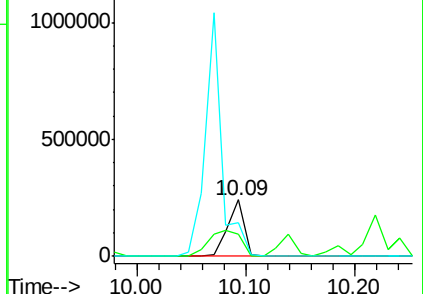
#53
2,4-Dinitrophenol
Concen: 91.76 ng
RT: 10.09 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF085135.D
Acq: 2 Mar 2016 22:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 248020
Ion Ratio Lower Upper
184 100
63 39.3 94.0 141.0#
154 59.2 269.8 404.8#

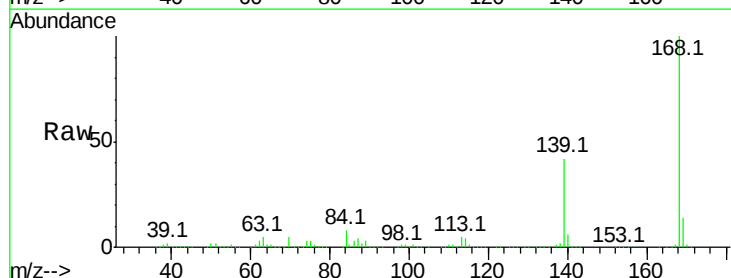


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

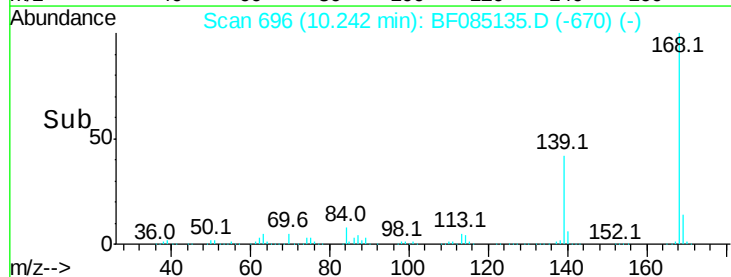
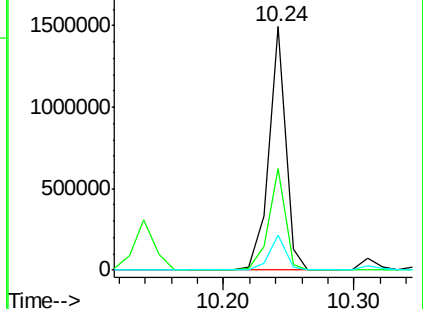


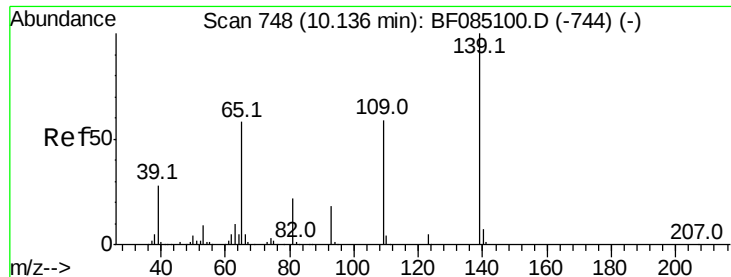
#54
Dibenzofuran
Concen: 54.02 ng
RT: 10.24 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF085135.D
Acq: 2 Mar 2016 22:38

Tgt Ion:168 Resp: 1351803
Ion Ratio Lower Upper
168 100
139 41.5 34.2 51.2
169 14.2 11.4 17.2



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

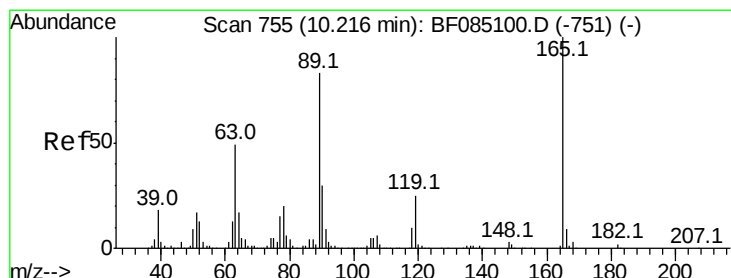
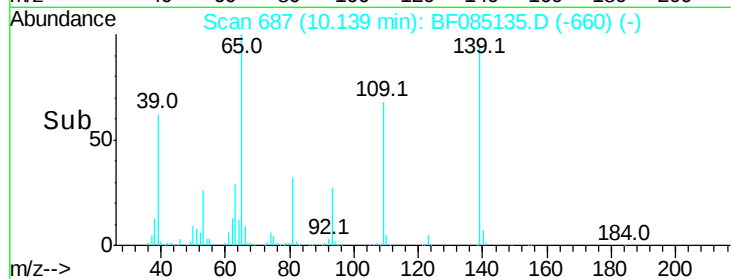
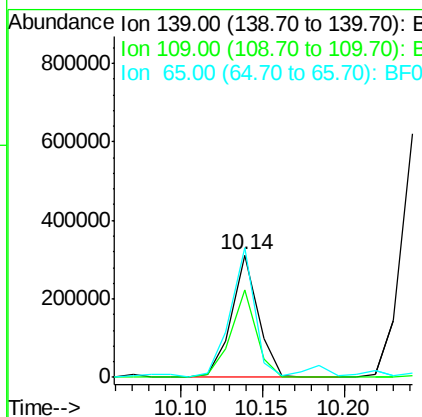
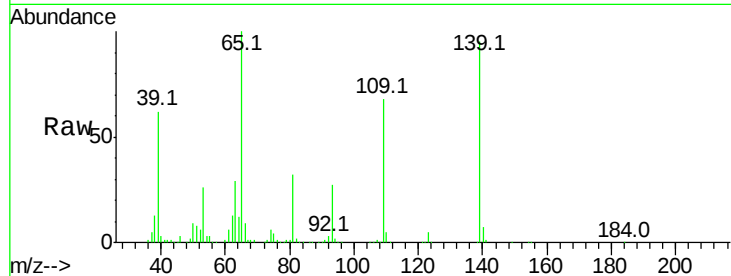




#55
4-Nitrophenol
Concen: 79.15 ng
RT: 10.14 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF085135.D
Acq: 2 Mar 2016 22:38

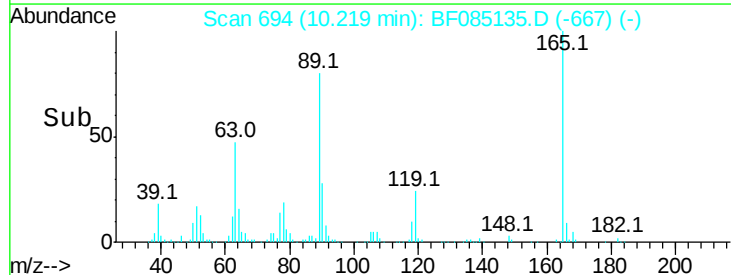
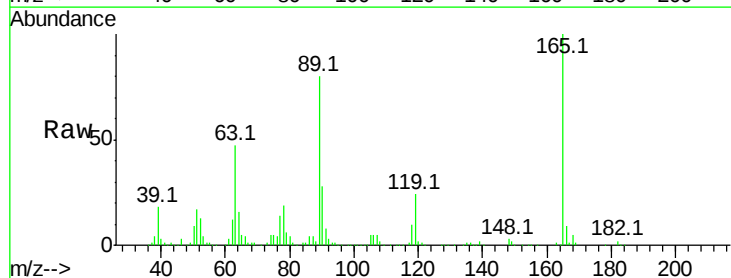
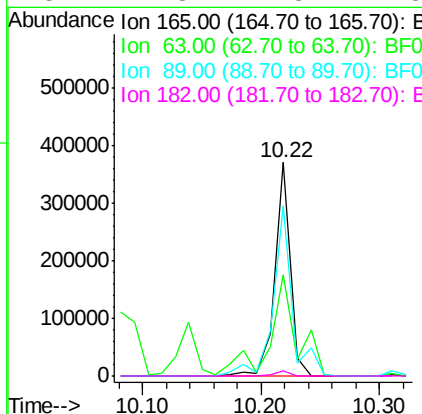
Instrument :
BNA_F
ClientSampleId :

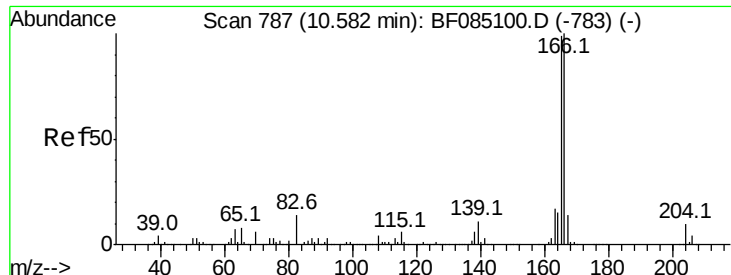
Tot Ion:139 Resp: 353999
Ion Ratio Lower Upper
139 100
109 71.7 39.5 79.5
65 105.5 38.4 78.4#



#56
2,4-Dinitrotoluene
Concen: 50.52 ng
RT: 10.22 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF085135.D
Acq: 2 Mar 2016 22:38

Tgt Ion:165 Resp: 334008
Ion Ratio Lower Upper
165 100
63 47.4 39.2 58.8
89 79.5 66.2 99.4
182 2.3 1.8 2.8

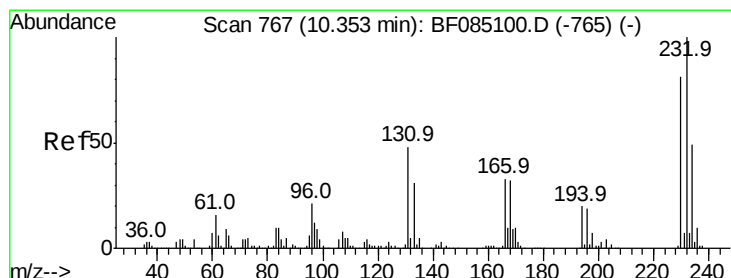
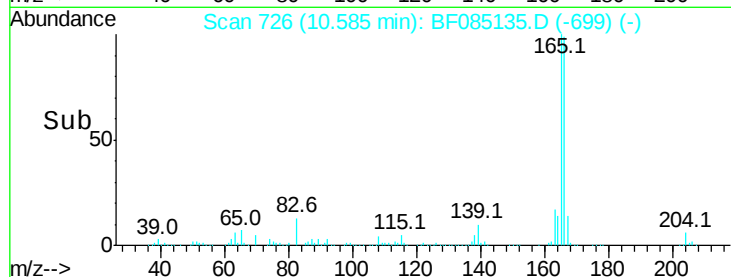
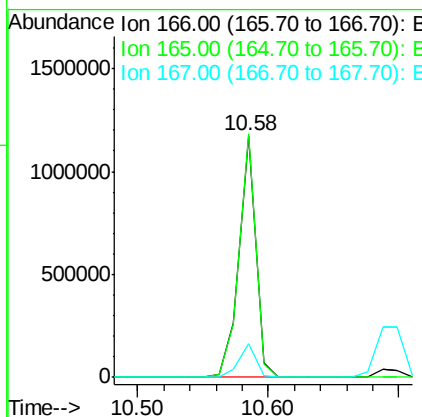
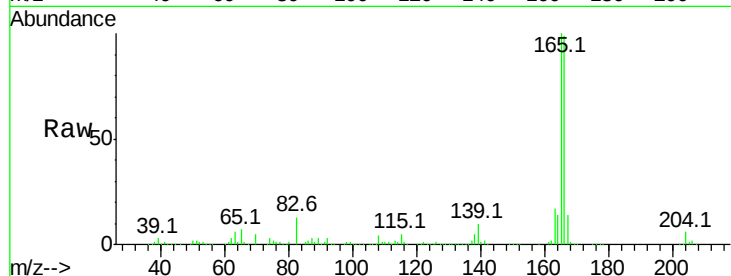




#57
 Fluorene
 Concen: 52.97 ng
 RT: 10.58 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF085135.D
 Acq: 2 Mar 2016 22:38

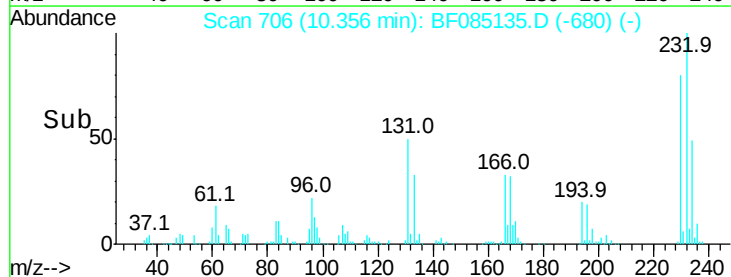
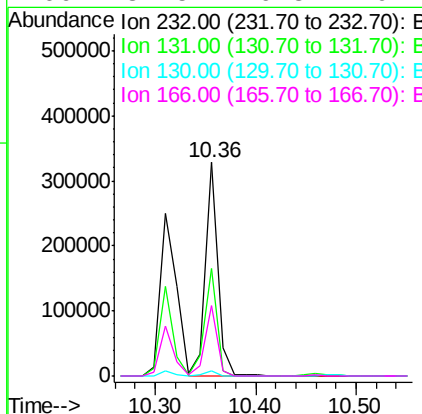
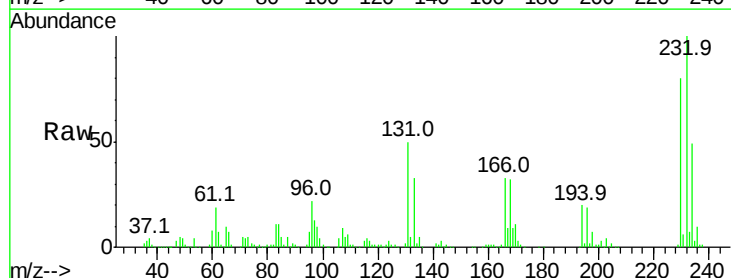
Instrument :
 BNA_F
 ClientSampleId :

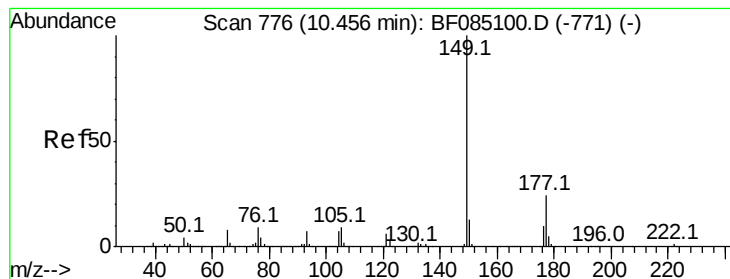
Tot Ion:166 Resp: 1042587
 Ion Ratio Lower Upper
 166 100
 165 101.0 79.4 119.2
 167 14.0 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 59.05 ng
 RT: 10.36 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF085135.D
 Acq: 2 Mar 2016 22:38

Tgt Ion:232 Resp: 283617
 Ion Ratio Lower Upper
 232 100
 131 50.3 41.6 62.4
 130 2.5 2.1 3.1
 166 32.5 26.8 40.2





#59

Diethylphthalate

Concen: 52.85 ng

RT: 10.46 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

Instrument :

BNA_F

ClientSampled :

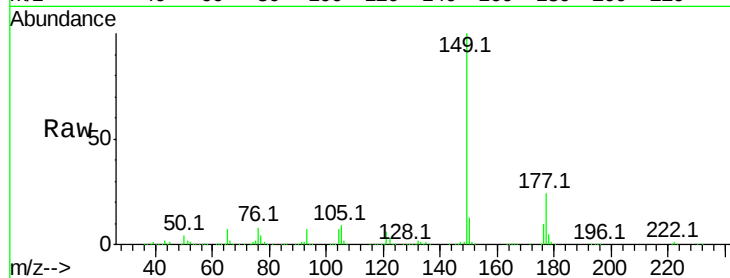
Tot Ion:149 Resp: 1198412

Ion Ratio Lower Upper

149 100

177 24.4 19.4 29.2

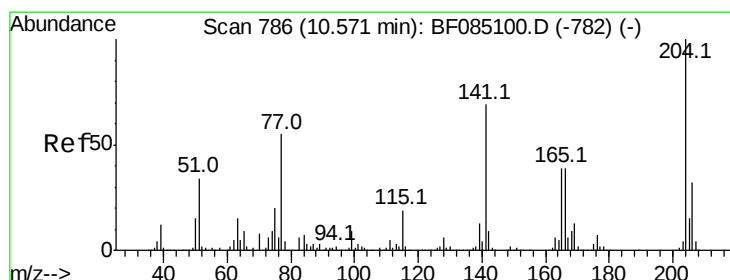
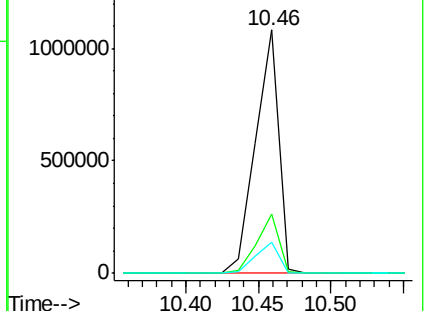
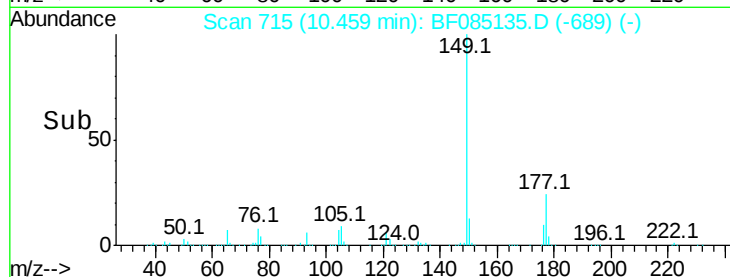
150 12.6 10.1 15.1



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: 50.14 ng

RT: 10.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

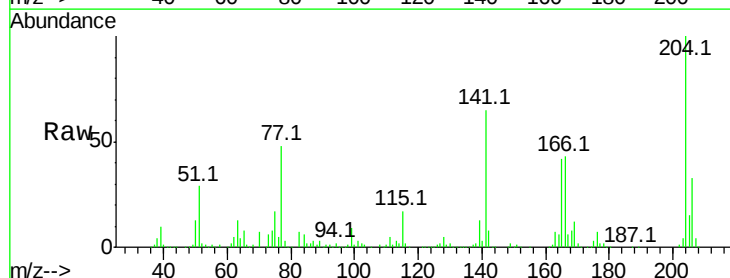
Tgt Ion:204 Resp: 508574

Ion Ratio Lower Upper

204 100

206 33.2 25.7 38.5

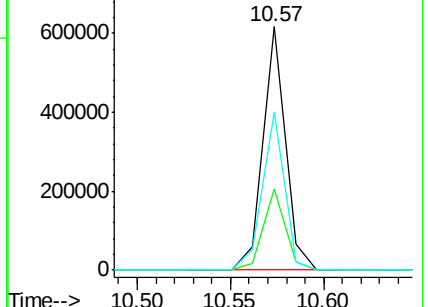
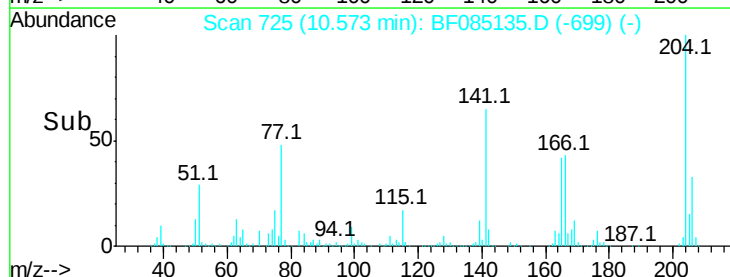
141 64.8 55.3 82.9

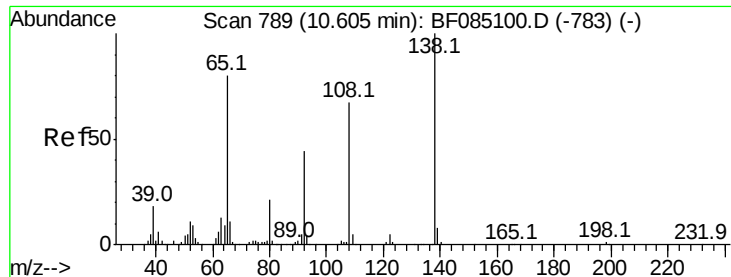


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

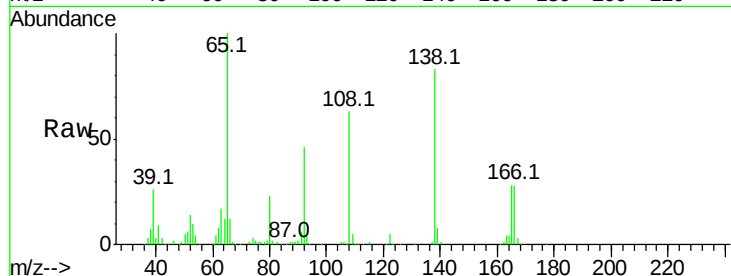




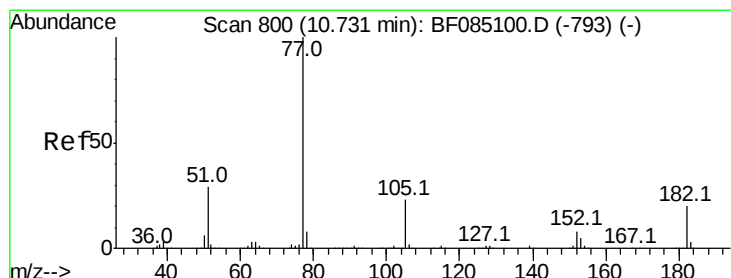
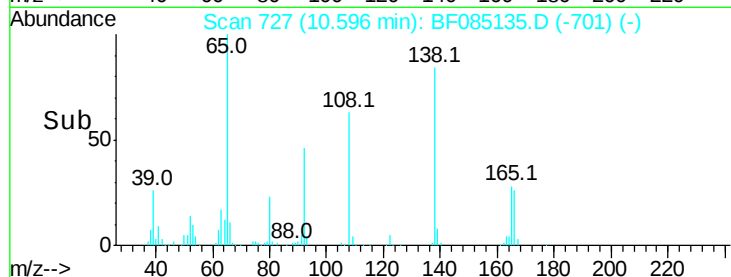
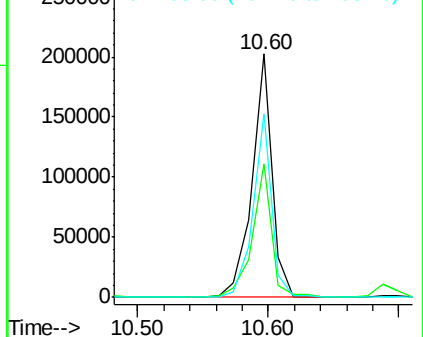
#61
4-Nitroaniline
Concen: 39.58 ng
RT: 10.60 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF085135.D
Acq: 2 Mar 2016 22:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 216258
Ion Ratio Lower Upper
138 100
92 54.9 23.5 63.5
108 75.4 46.8 86.8

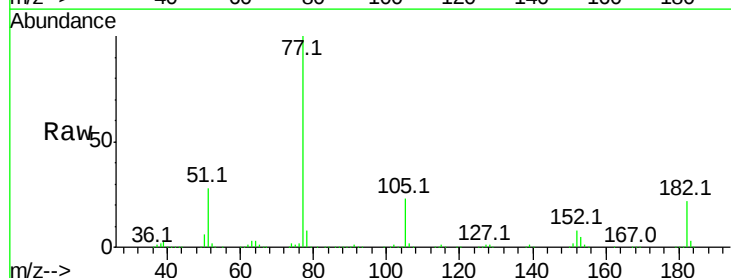


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

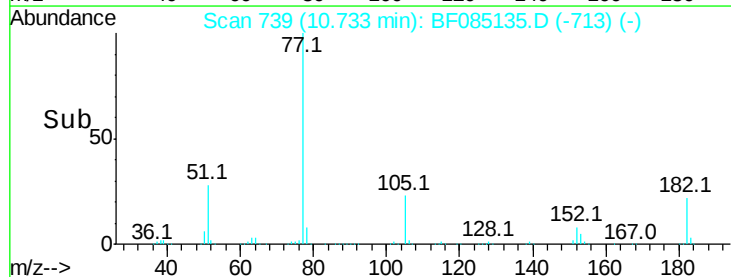
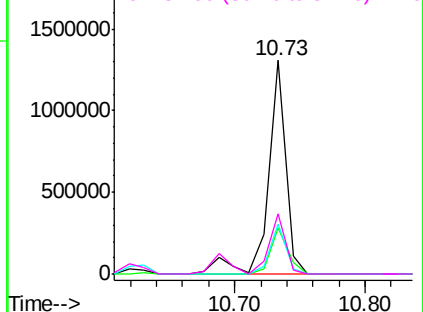


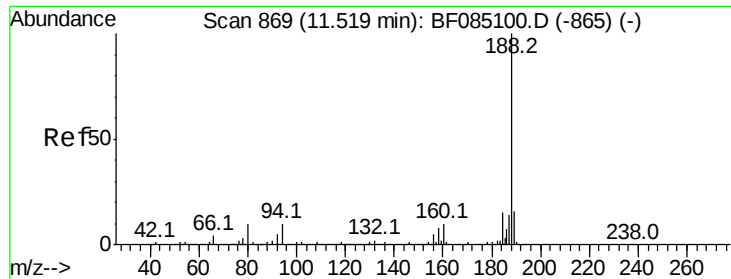
#62
Azobenzene
Concen: 54.70 ng
RT: 10.73 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF085135.D
Acq: 2 Mar 2016 22:38

Tgt Ion: 77 Resp: 1253230
Ion Ratio Lower Upper
77 100
182 21.8 0.0 39.8
105 23.4 2.7 42.7
51 28.3 9.4 49.4



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# 808

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

Instrument :

BNA_F

ClientSampleId :

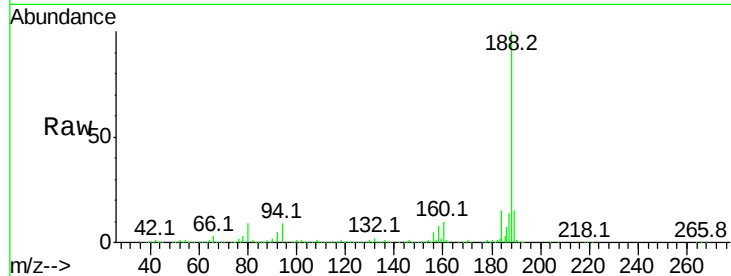
Tot Ion:188 Resp: 555182

Ion Ratio Lower Upper

188 100

94 8.6 7.8 11.6

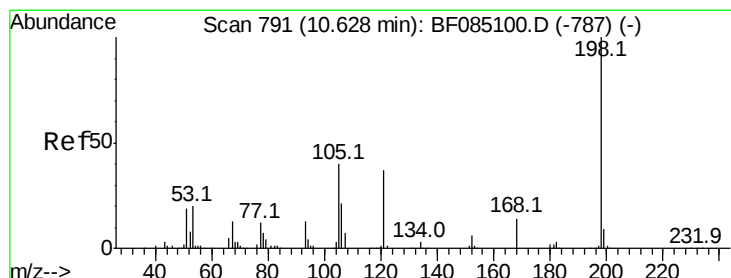
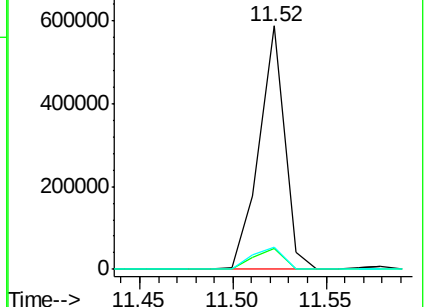
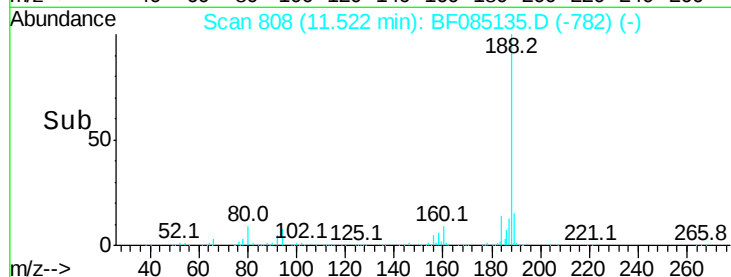
80 9.3 8.2 12.4



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: 52.11 ng

RT: 10.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

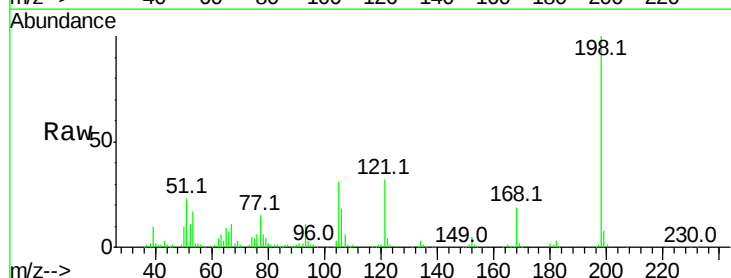
Tgt Ion:198 Resp: 176278

Ion Ratio Lower Upper

198 100

51 23.5 12.5 52.5

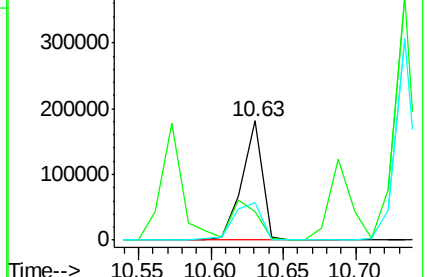
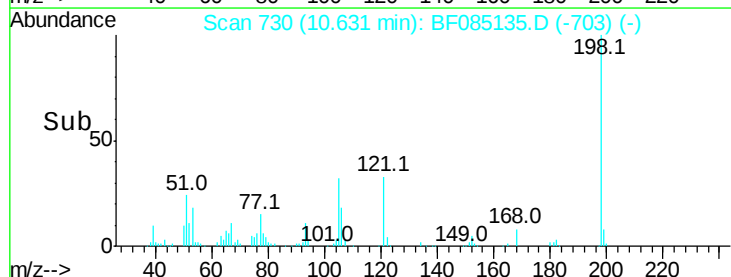
105 31.3 20.2 60.2

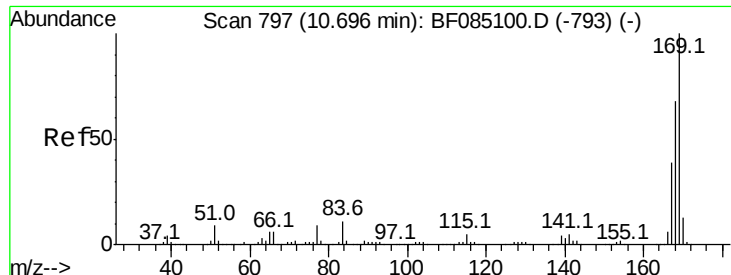


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

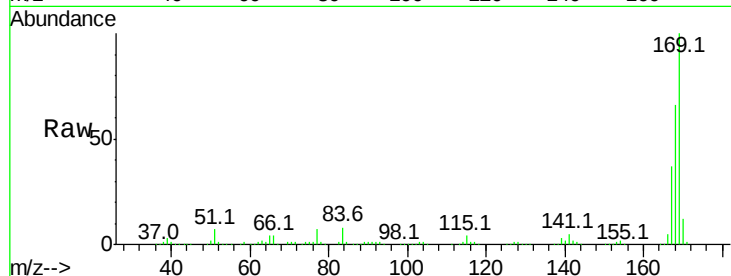




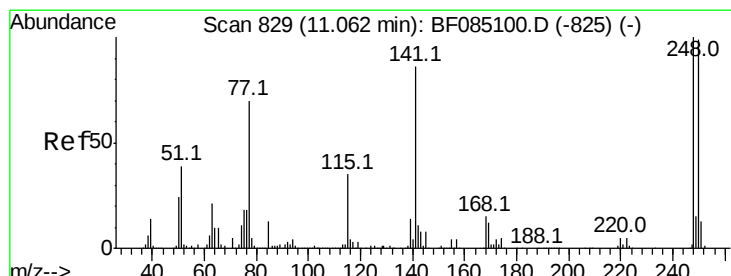
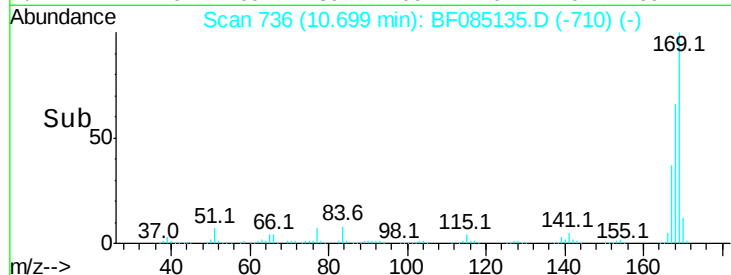
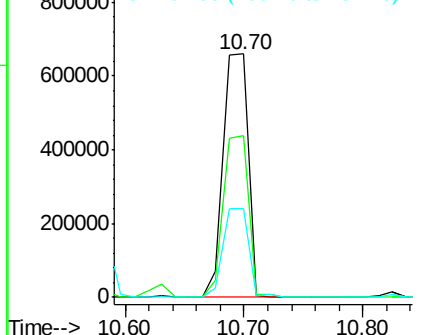
#65
 n-Nitrosodiphenylamine
 Concen: 54.68 ng
 RT: 10.70 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF085135.D
 Acq: 2 Mar 2016 22:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 956788
 Ion Ratio Lower Upper
 169 100
 168 66.3 54.6 81.8
 167 36.7 30.8 46.2

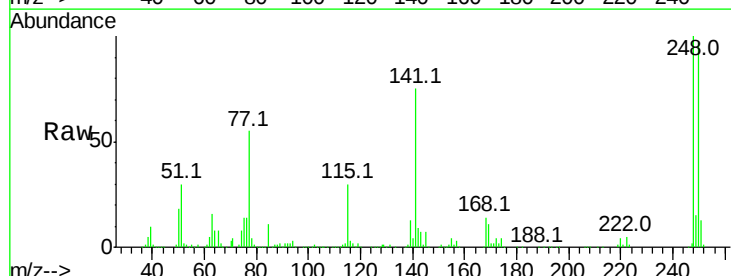


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

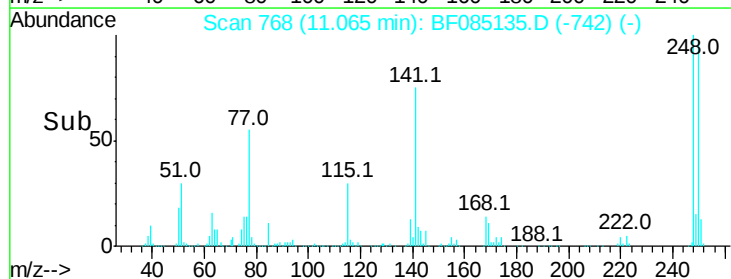
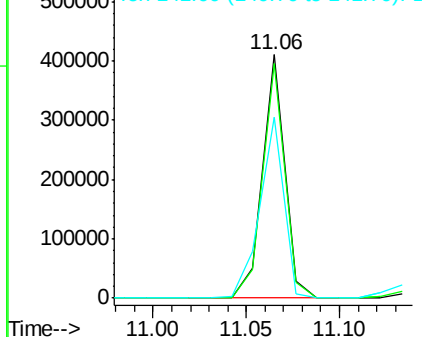


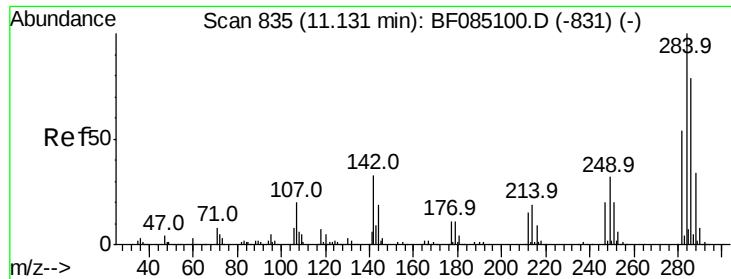
#66
 4-Bromophenyl-phenylether
 Concen: 57.76 ng
 RT: 11.06 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF085135.D
 Acq: 2 Mar 2016 22:38

Tgt Ion:248 Resp: 336725
 Ion Ratio Lower Upper
 248 100
 250 96.6 79.0 118.4
 141 74.5 68.6 103.0



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

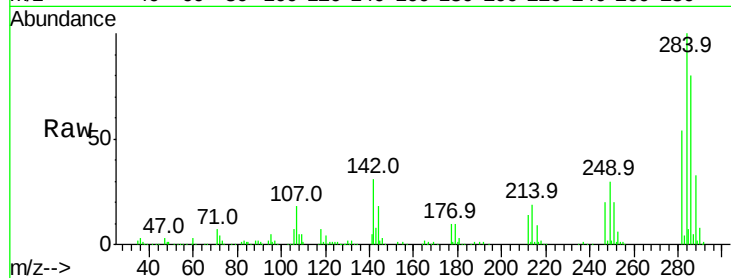




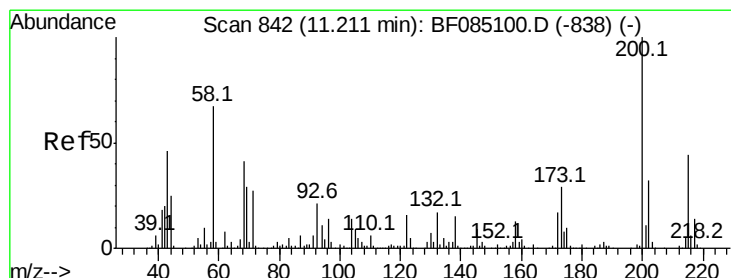
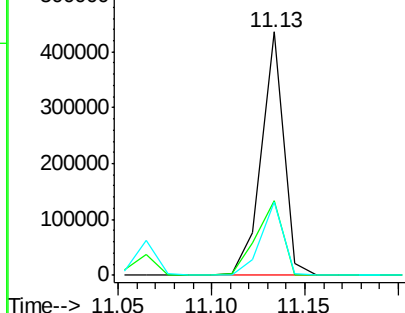
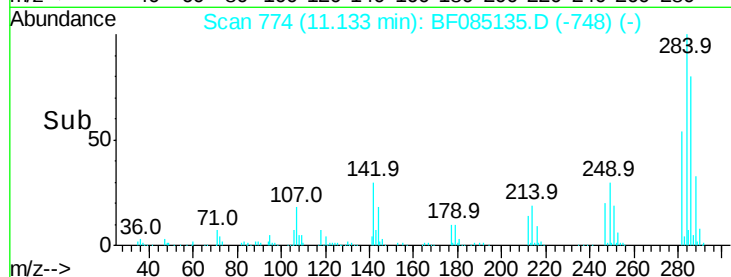
#67
Hexachlorobenzene
Concen: 55.87 ng
RT: 11.13 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF085135.D
Acq: 2 Mar 2016 22:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	30.6	26.3	39.5
249	30.4	25.8	38.6

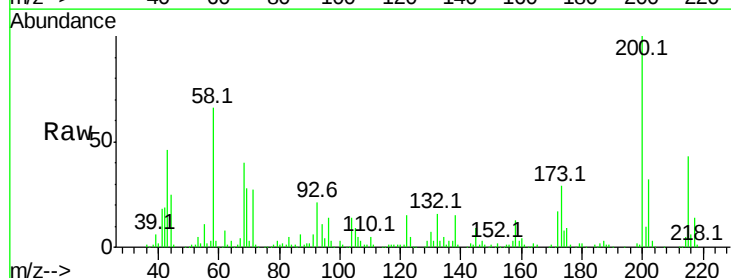


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

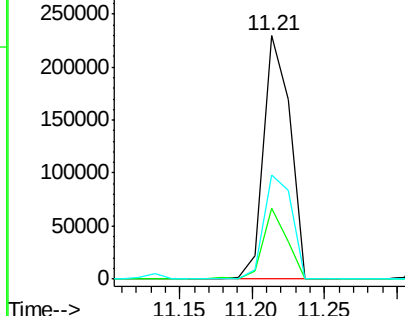
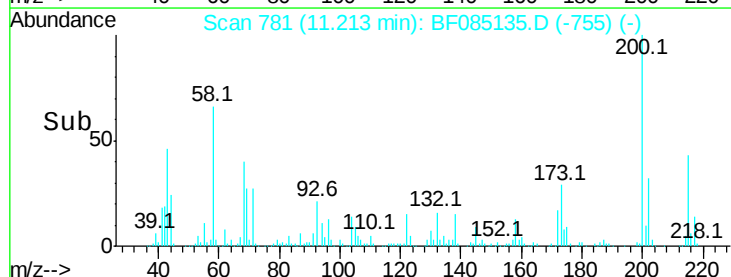


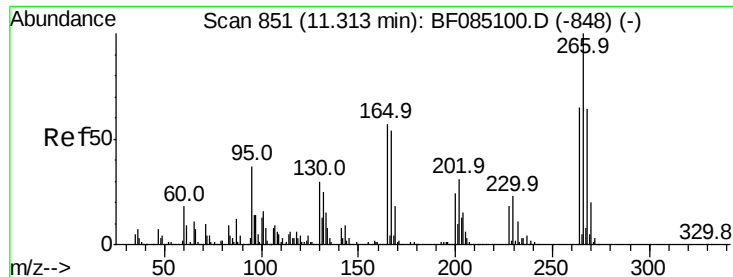
#68
Atrazine
Concen: 54.40 ng
RT: 11.21 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF085135.D
Acq: 2 Mar 2016 22:38

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.3	9.4	49.4
215	43.0	23.6	63.6



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

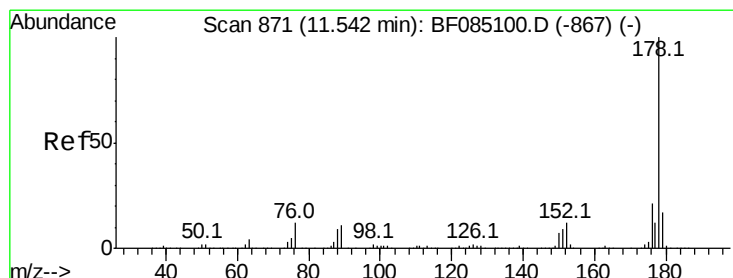
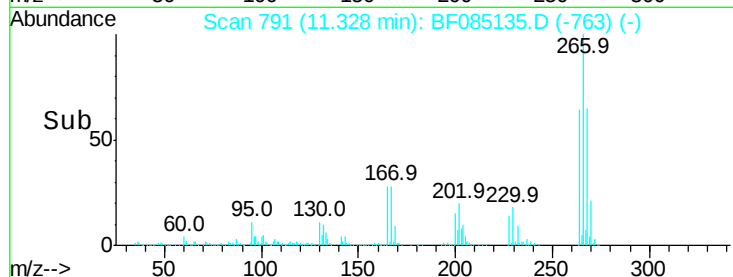
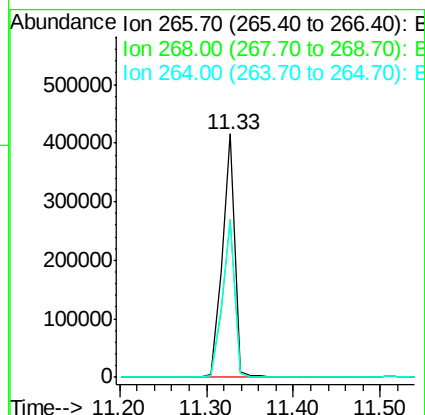
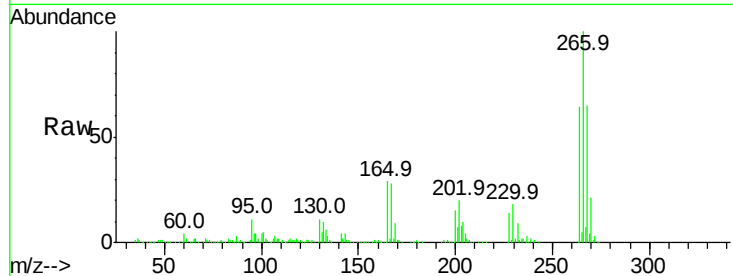




#69
 Pentachlorophenol
 Concen: 110.20 ng
 RT: 11.33 min Scan# 791
 Delta R.T. 0.01 min
 Lab File: BF085135.D
 Acq: 2 Mar 2016 22:38

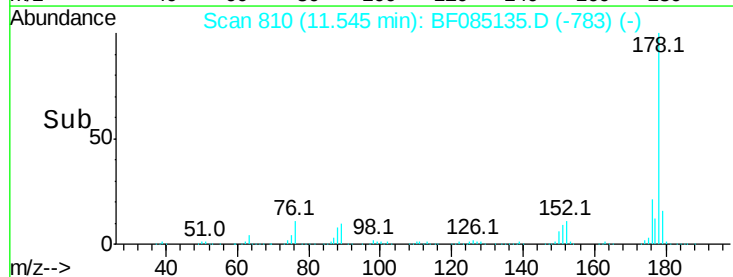
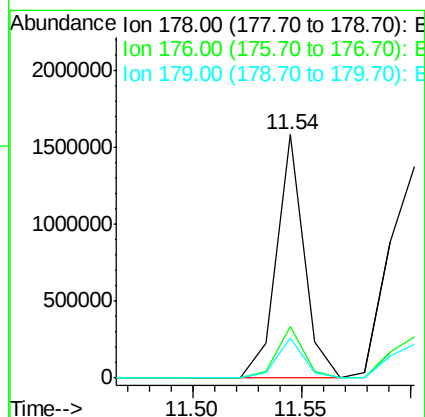
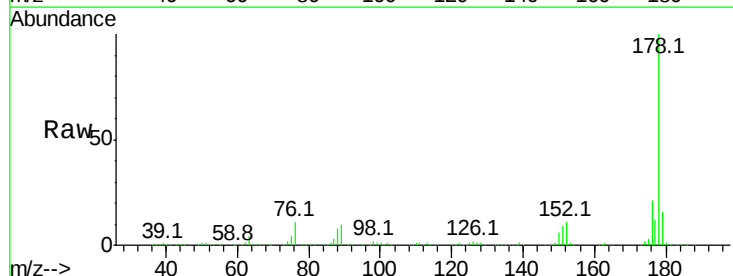
Instrument :
 BNA_F
 ClientSampled :

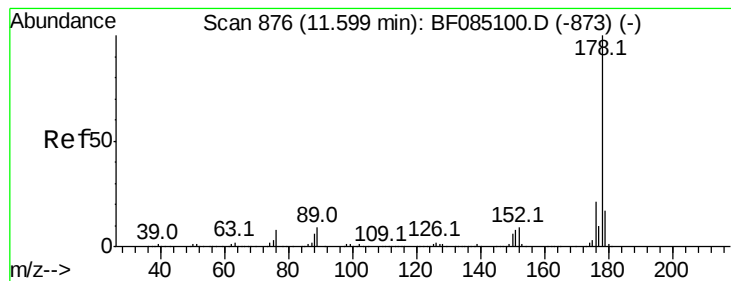
Tot Ion:266 Resp: 425571
 Ion Ratio Lower Upper
 266 100
 268 64.8 51.0 76.6
 264 64.3 52.3 78.5



#70
 Phenanthrene
 Concen: 51.08 ng
 RT: 11.54 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF085135.D
 Acq: 2 Mar 2016 22:38

Tgt Ion:178 Resp: 1410662
 Ion Ratio Lower Upper
 178 100
 176 21.3 17.0 25.6
 179 16.5 13.3 19.9





#71

Anthracene

Concen: 51.13 ng

RT: 11.60 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

Instrument :

BNA_F

ClientSampleId :

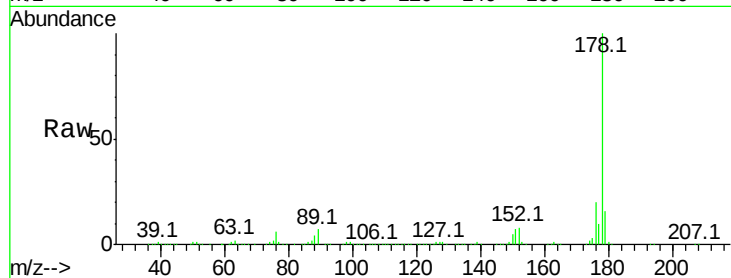
Tot Ion:178 Resp: 1585779

Ion Ratio Lower Upper

178 100

176 19.7 16.6 25.0

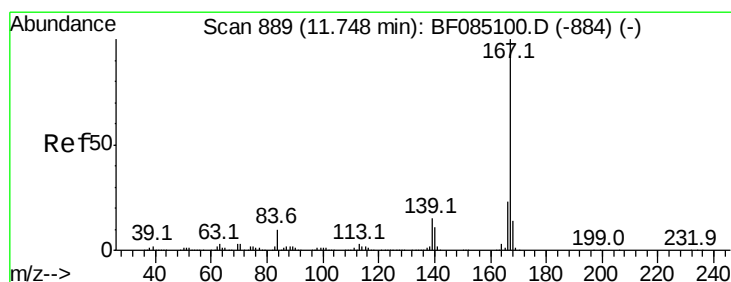
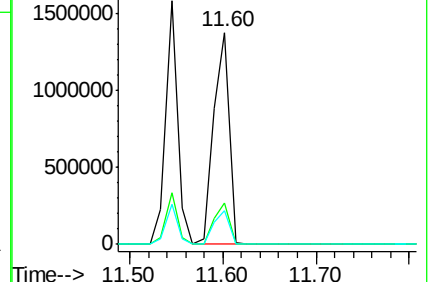
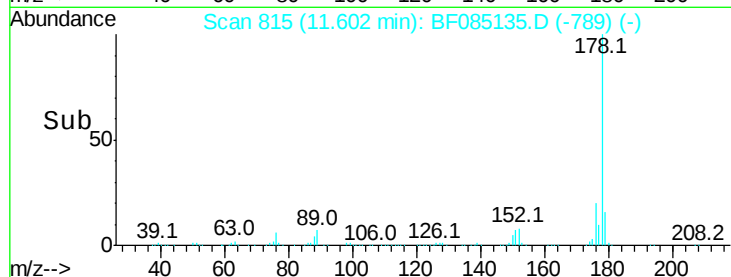
179 15.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 52.10 ng

RT: 11.75 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

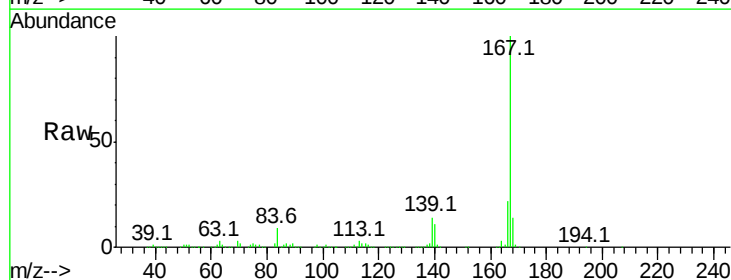
Tgt Ion:167 Resp: 1406116

Ion Ratio Lower Upper

167 100

166 22.4 18.6 28.0

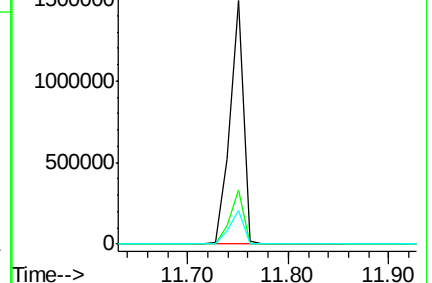
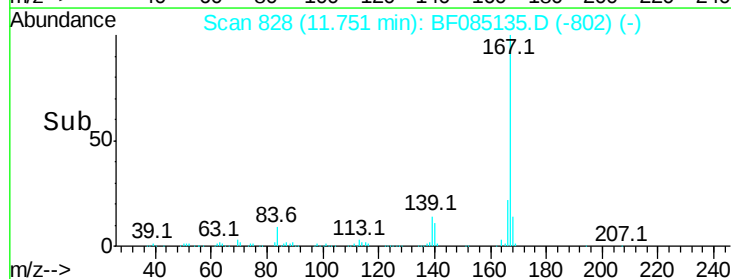
139 13.8 11.8 17.8

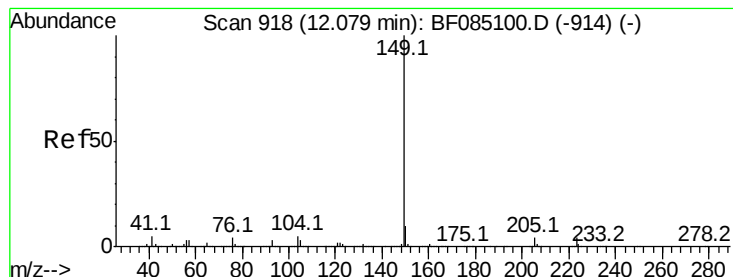


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 53.04 ng

RT: 12.08 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

Instrument :

BNA_F

ClientSampleId :

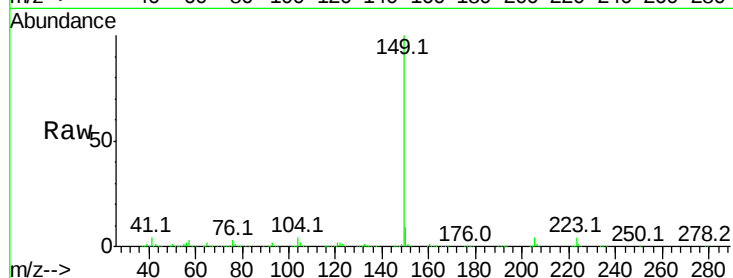
Tot Ion:149 Resp: 1703903

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

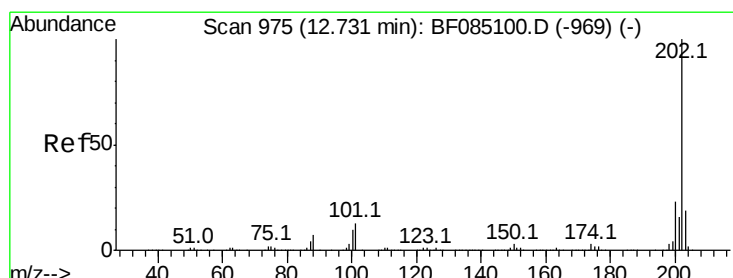
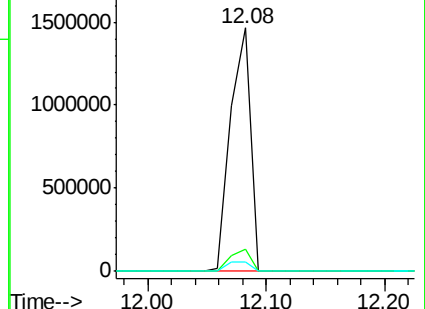
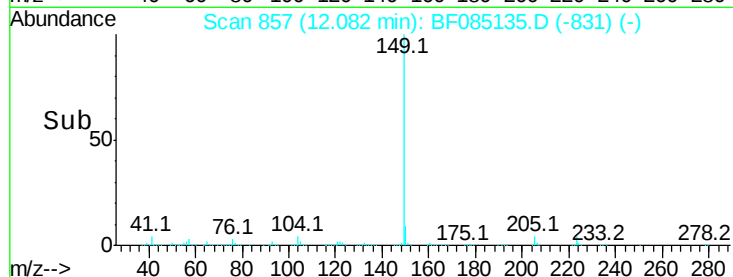
104 4.1 3.7 5.5



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: 46.07 ng

RT: 12.73 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

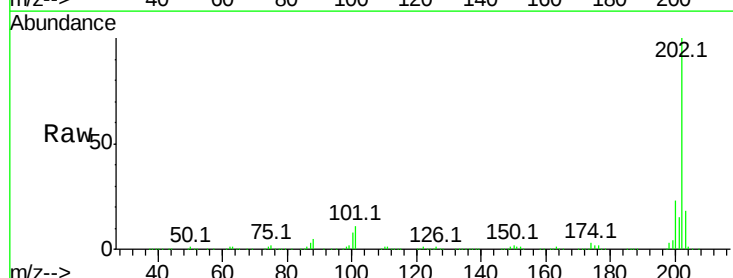
Tgt Ion:202 Resp: 1396213

Ion Ratio Lower Upper

202 100

101 11.3 0.0 33.2

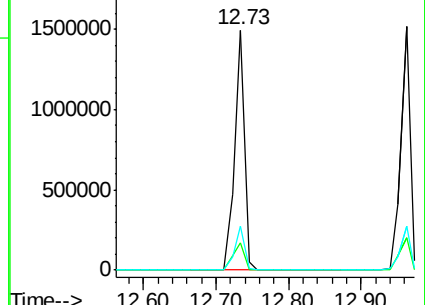
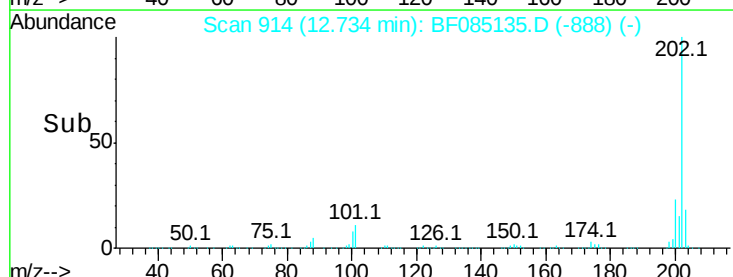
203 18.3 0.0 38.6

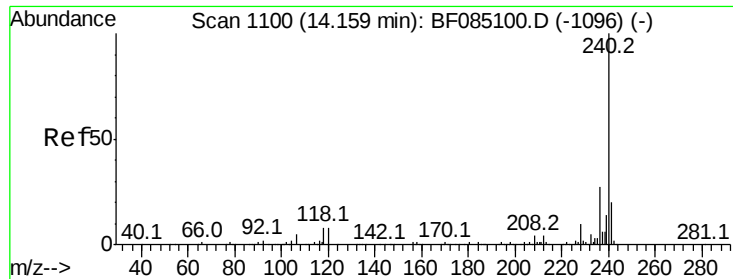


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1039

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

Instrument :

BNA_F

ClientSampleId :

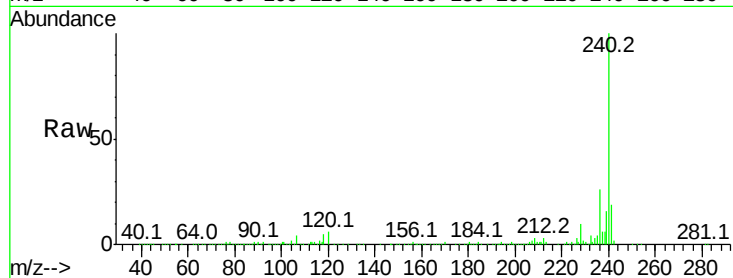
Tot Ion:240 Resp: 329216

Ion Ratio Lower Upper

240 100

120 6.2 6.7 10.1#

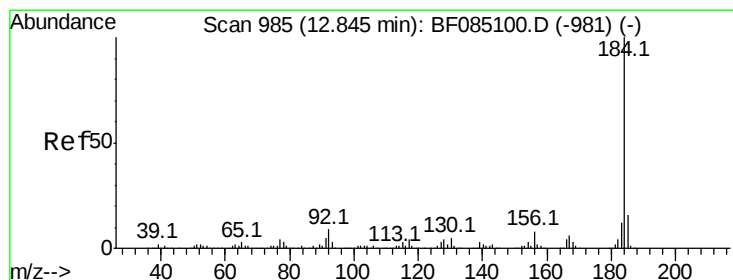
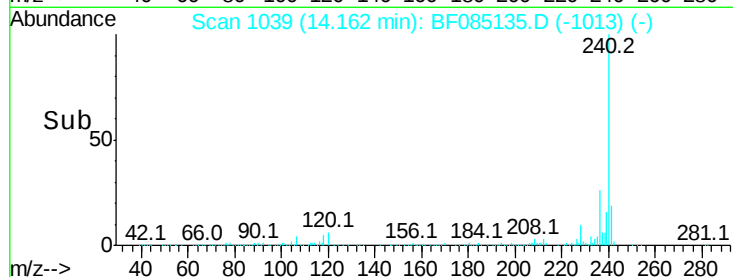
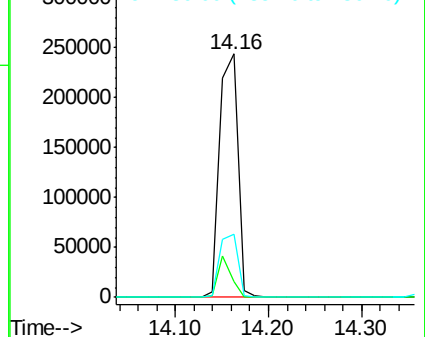
236 26.2 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 14.85 ng

RT: 12.85 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

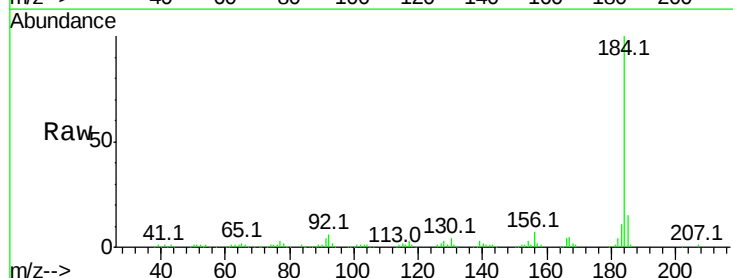
Tgt Ion:184 Resp: 147810

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

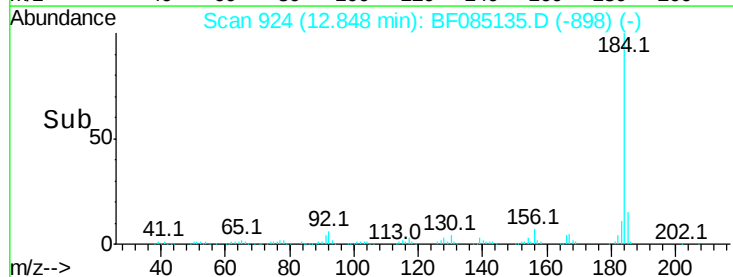
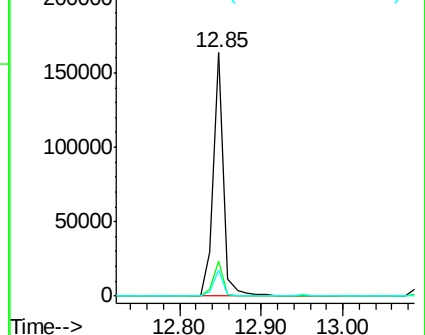
183 10.8 9.5 14.3

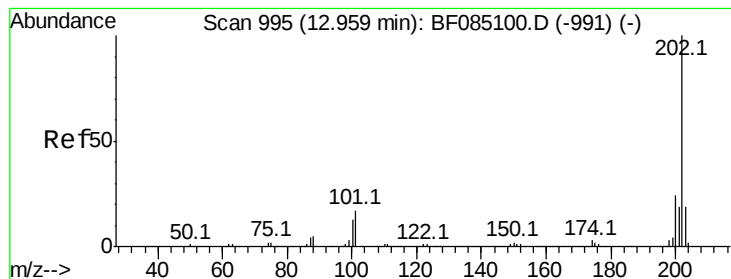


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 61.28 ng

RT: 12.96 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

Instrument :

BNA_F

ClientSampleId :

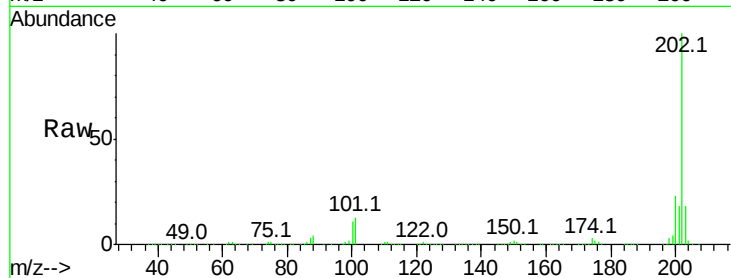
Tot Ion:202 Resp: 1377270

Ion Ratio Lower Upper

202 100

200 22.6 19.0 28.6

203 18.2 15.0 22.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.96

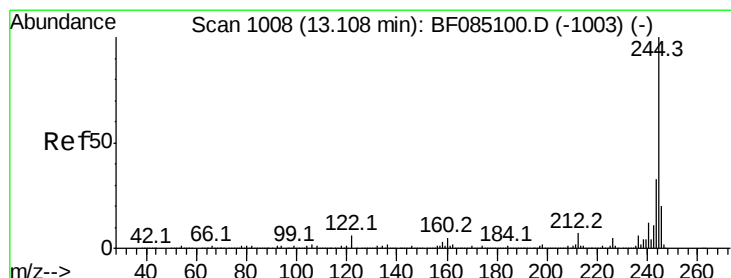
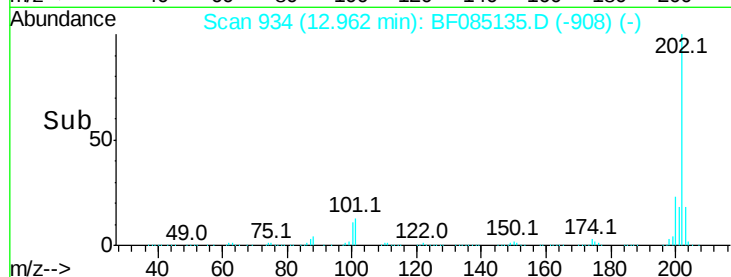
1500000

1000000

500000

0

Time-->



#78

Terphenyl-d14

Concen: 111.99 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

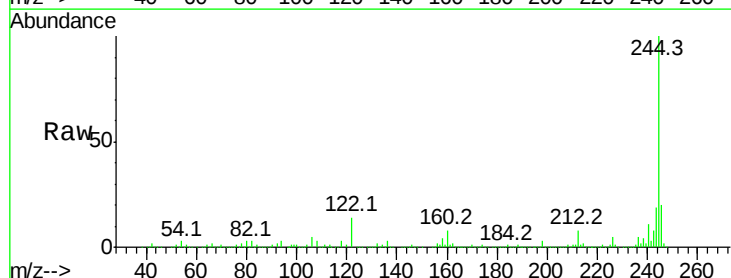
Tgt Ion:244 Resp: 1571716

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

122 13.6 5.1 7.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

13.10

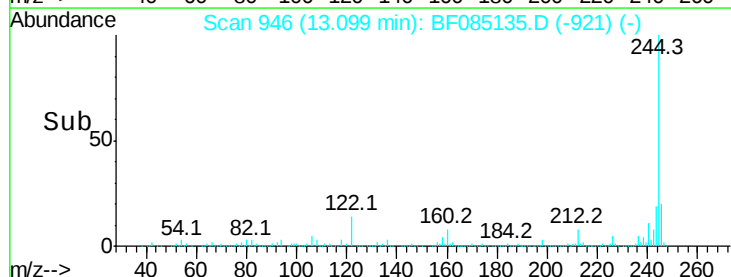
1500000

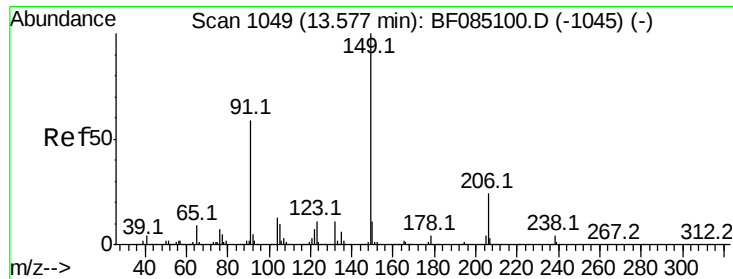
1000000

500000

0

Time-->

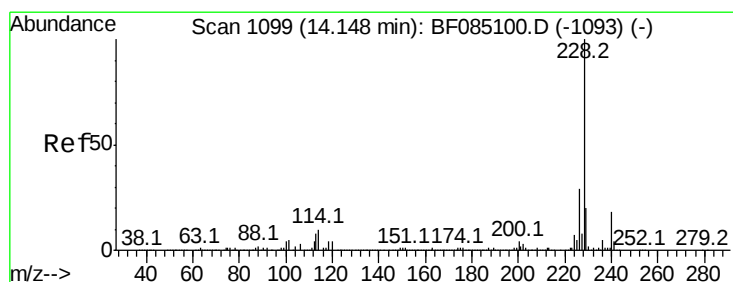
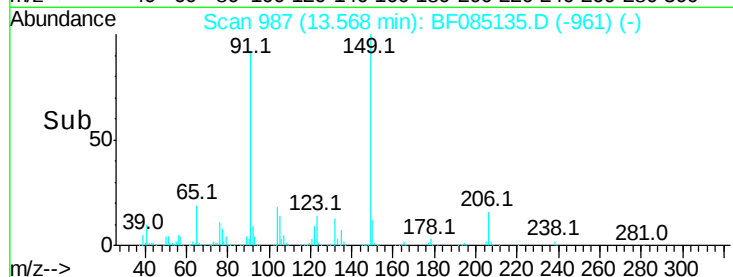
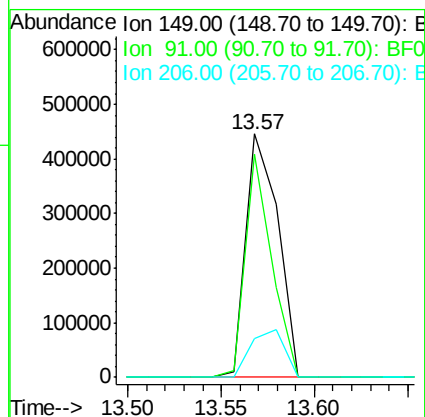
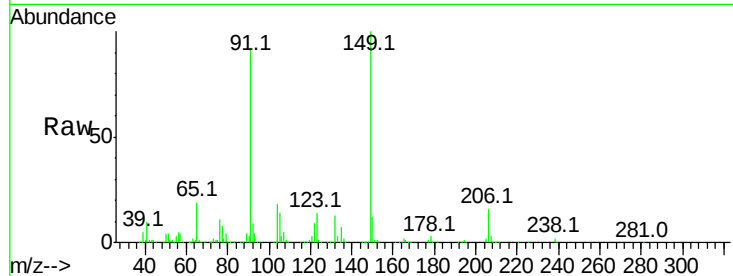




#79
Butylbenzylphthalate
Concen: 55.81 ng
RT: 13.57 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF085135.D
Acq: 2 Mar 2016 22:38

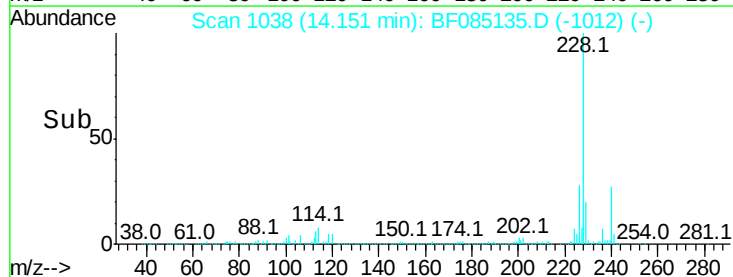
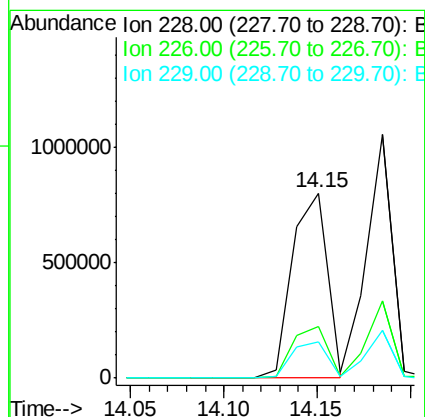
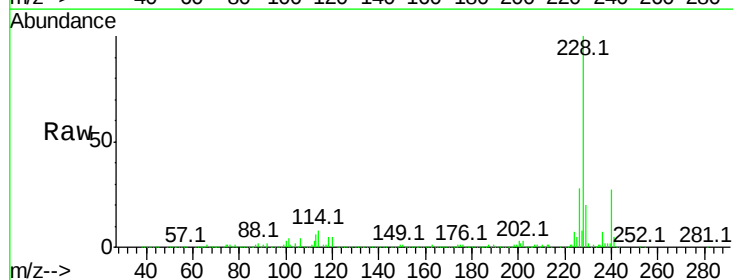
Instrument :
BNA_F
ClientSampleId :

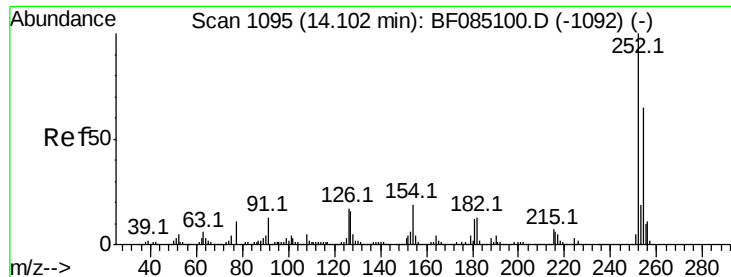
Tot Ion	Ratio	Lower	Upper
149	100		
91	91.7	46.9	70.3#
206	16.1	19.0	28.6#



#80
Benzo(a)anthracene
Concen: 54.45 ng
RT: 14.15 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF085135.D
Acq: 2 Mar 2016 22:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.0	34.4
229	19.8	16.1	24.1





#81

3,3'-Dichlorobenzidine

Concen: 30.54 ng

RT: 14.11 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

Instrument :

BNA_F

ClientSampleId :

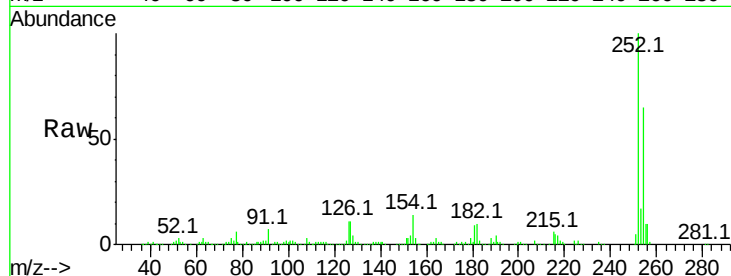
Tot Ion:252 Resp: 182451

Ion Ratio Lower Upper

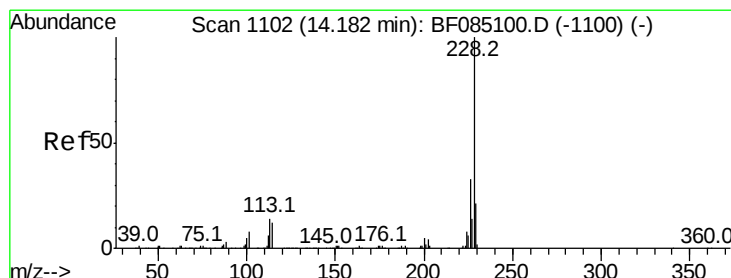
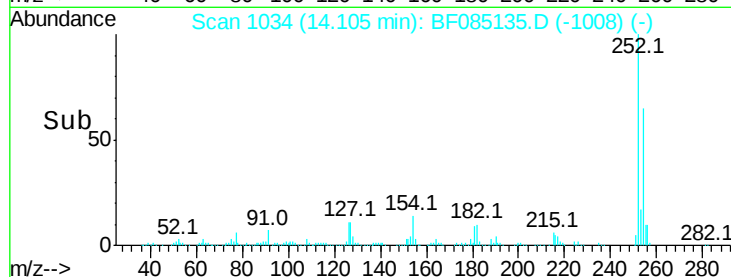
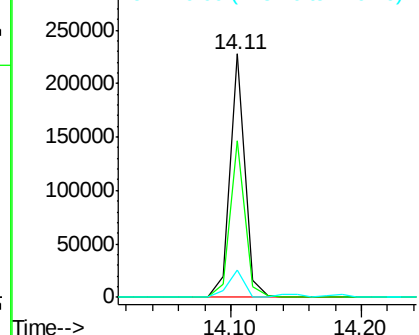
252 100

254 64.5 51.8 77.6

126 11.0 13.2 19.8#



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: 57.37 ng

RT: 14.19 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

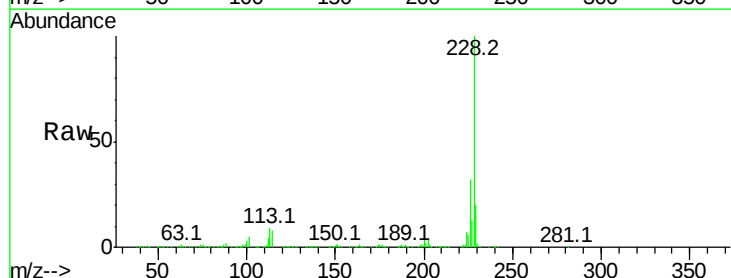
Tgt Ion:228 Resp: 1001455

Ion Ratio Lower Upper

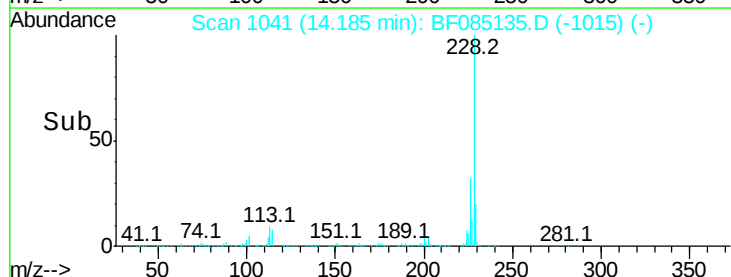
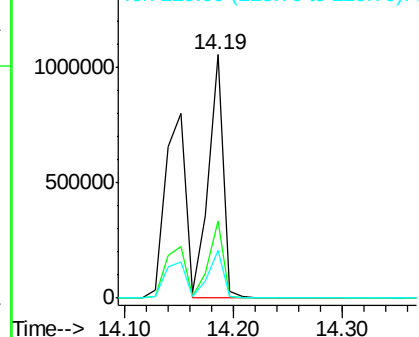
228 100

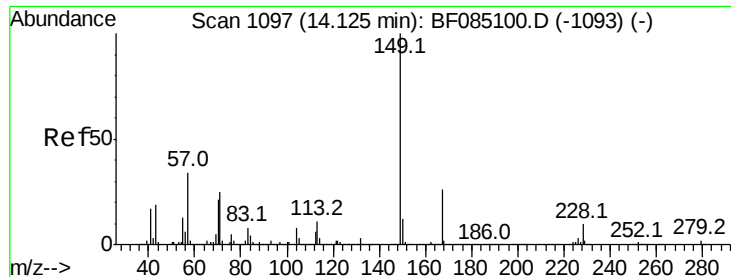
226 31.6 26.2 39.4

229 19.7 16.5 24.7



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: 61.92 ng

RT: 14.13 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

Instrument :

BNA_F

ClientSampleId :

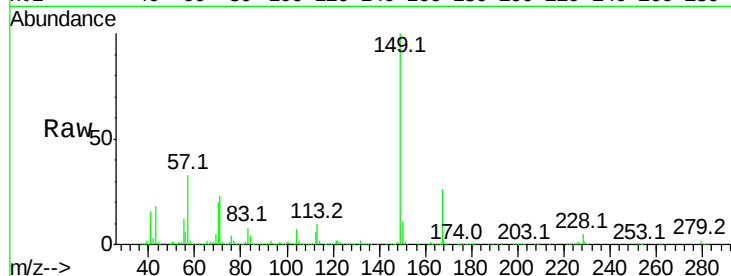
Tot Ion:149 Resp: 680371

Ion Ratio Lower Upper

149 100

167 25.8 20.6 31.0

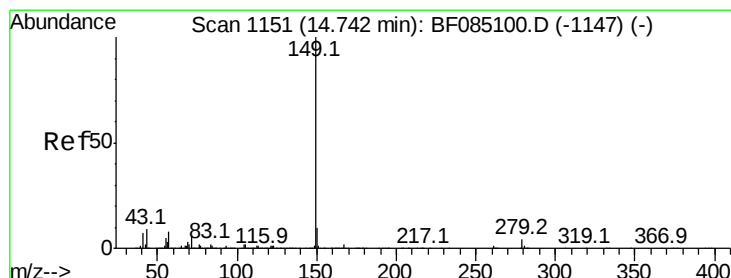
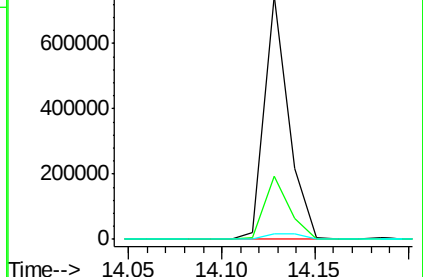
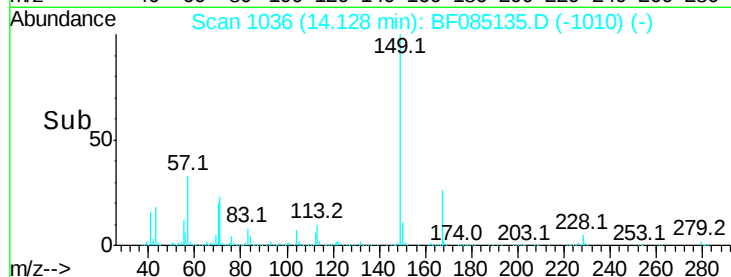
279 2.4 2.0 3.0



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: 70.84 ng

RT: 14.75 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

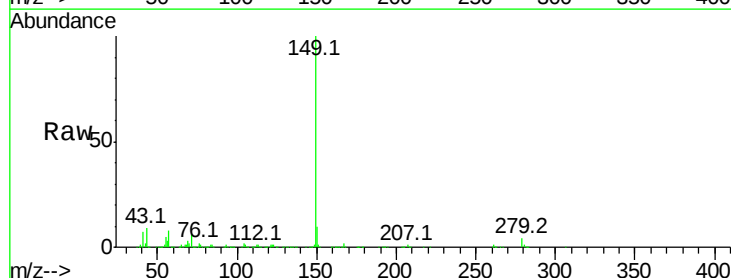
Tgt Ion:149 Resp: 1155507

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

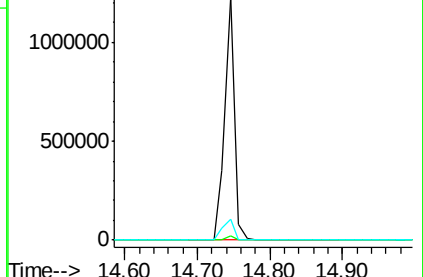
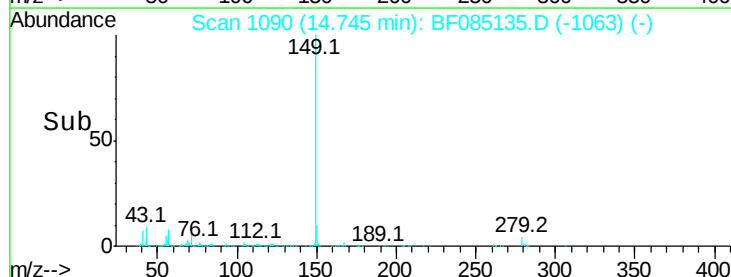
43 10.2 8.8 13.2

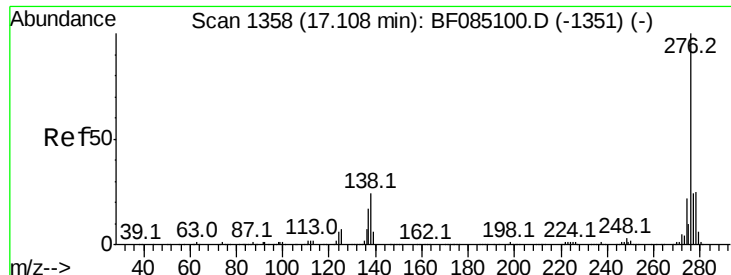


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

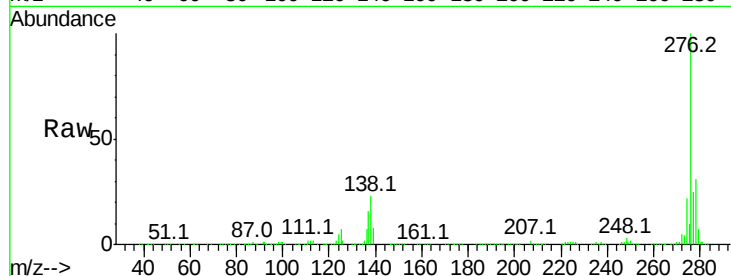




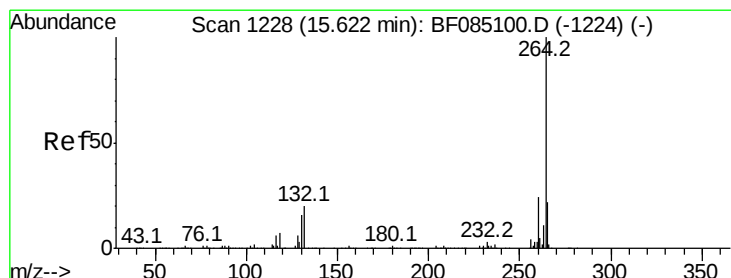
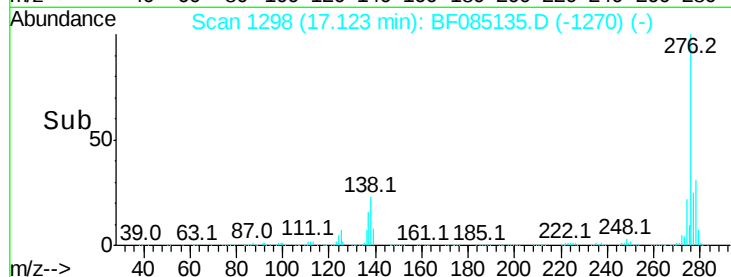
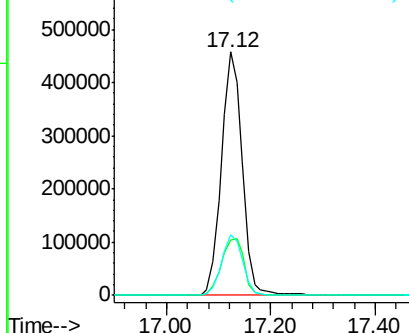
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 86.13 ng
 RT: 17.12 min Scan# 1298
 Delta R.T. 0.01 min
 Lab File: BF085135.D
 Acq: 2 Mar 2016 22:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1271247
 Ion Ratio Lower Upper
 276 100
 138 25.7 21.4 32.2
 277 25.5 20.1 30.1

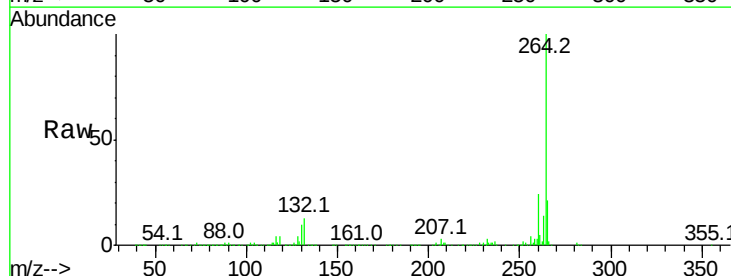


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

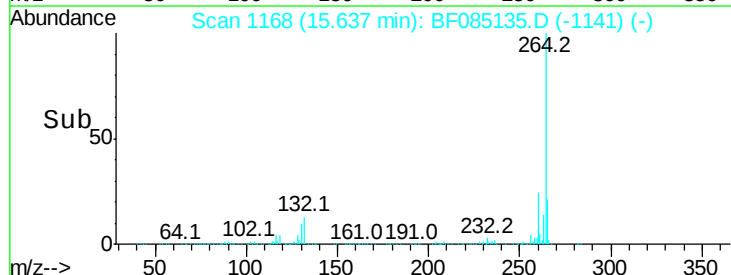
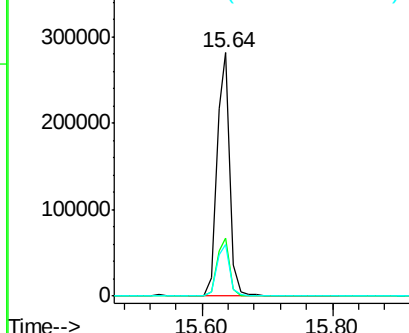


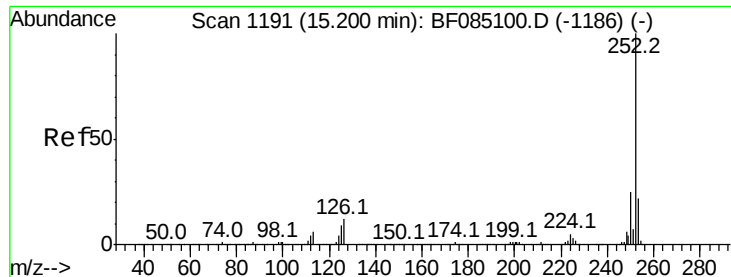
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.64 min Scan# 1168
 Delta R.T. 0.01 min
 Lab File: BF085135.D
 Acq: 2 Mar 2016 22:38

Tgt Ion:264 Resp: 391207
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.6 29.4
 265 21.2 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

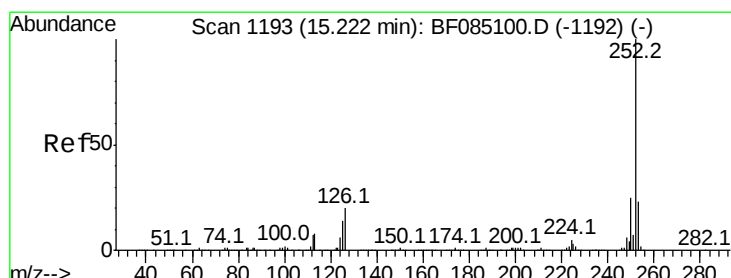
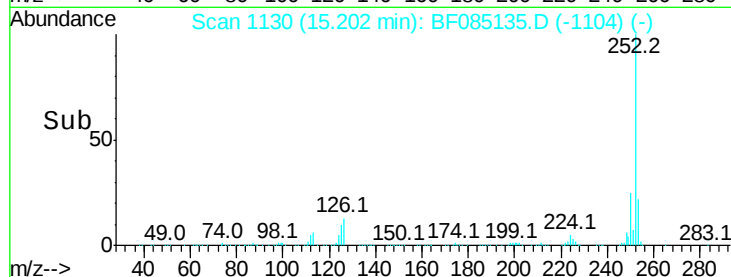
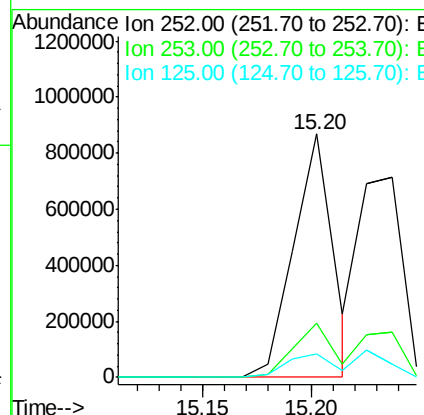
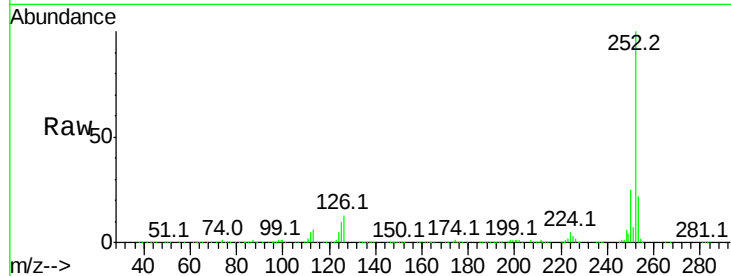




#87
Benzo(b)fluoranthene
Concen: 45.71 ng
RT: 15.20 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF085135.D
Acq: 2 Mar 2016 22:38

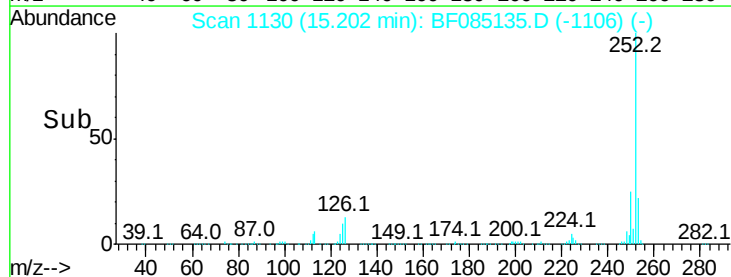
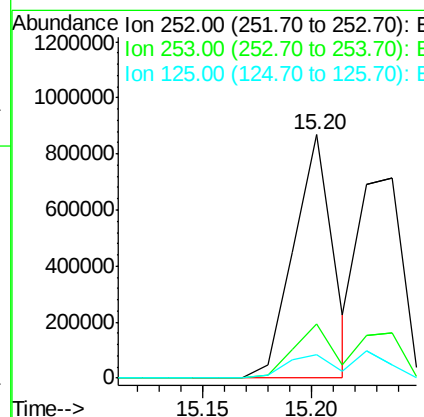
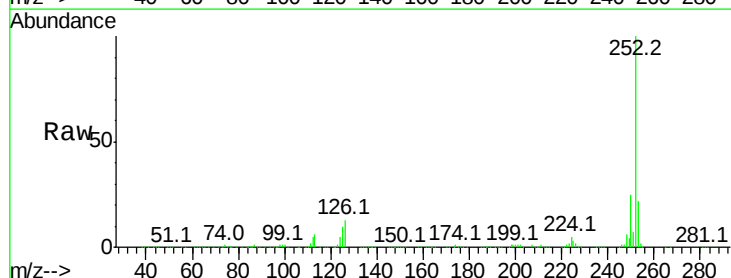
Instrument :
BNA_F
ClientSampled :

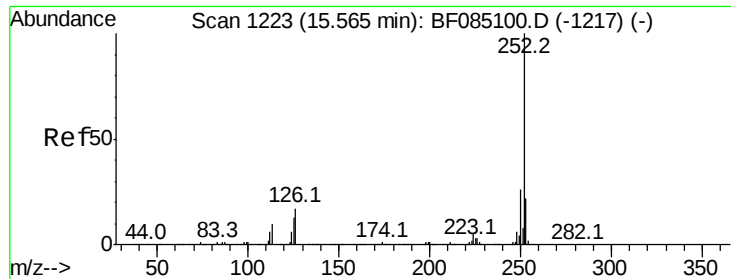
Tot Ion:252 Resp: 1088920
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 9.6 7.0 10.4



#88
Benzo(k)fluoranthene
Concen: 52.78 ng
RT: 15.20 min Scan# 1130
Delta R.T. -0.02 min
Lab File: BF085135.D
Acq: 2 Mar 2016 22:38

Tgt Ion:252 Resp: 1088920
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 9.6 11.1 16.7#

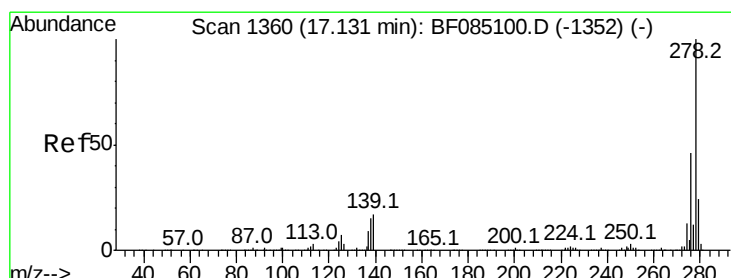
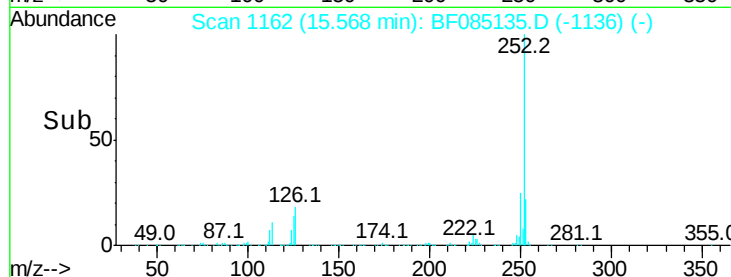
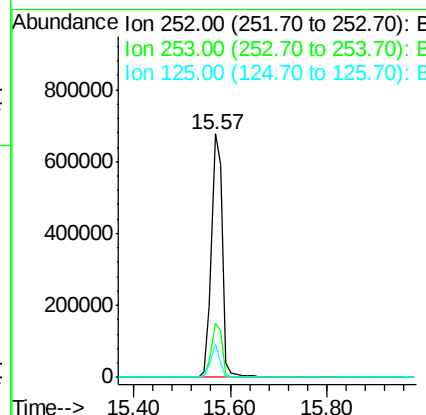
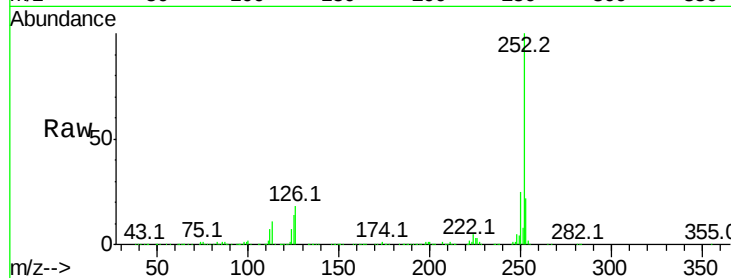




#89
Benzo(a)pyrene
Concen: 53.36 ng
RT: 15.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF085135.D
Acq: 2 Mar 2016 22:38

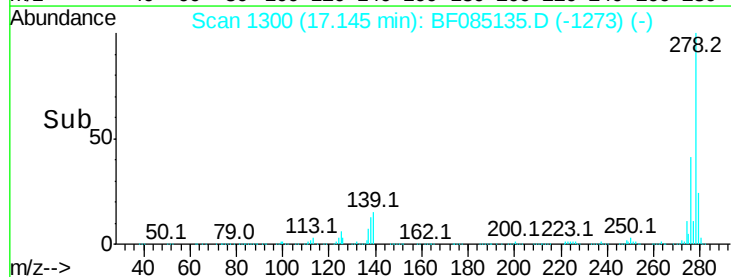
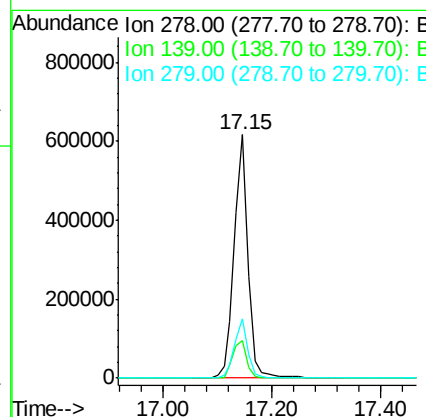
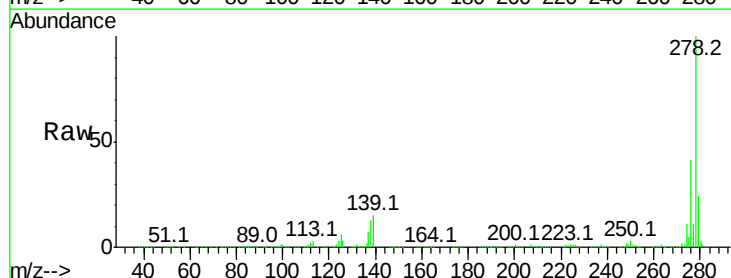
Instrument :
BNA_F
ClientSampleId :

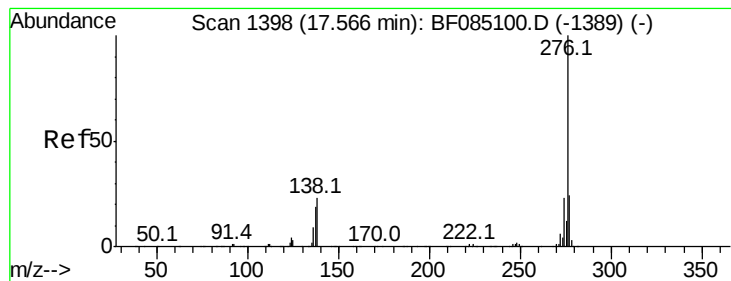
Tot Ion:252 Resp: 1068988
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 13.9 10.2 15.2



#90
Dibenzo(a,h)anthracene
Concen: 60.05 ng
RT: 17.15 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF085135.D
Acq: 2 Mar 2016 22:38

Tgt Ion:278 Resp: 1083673
Ion Ratio Lower Upper
278 100
139 15.3 13.6 20.4
279 24.4 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 55.76 ng

RT: 17.58 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF085135.D

Acq: 2 Mar 2016 22:38

Instrument :

BNA_F

ClientSampleId :

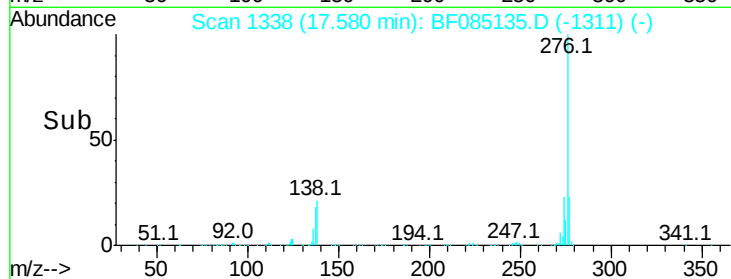
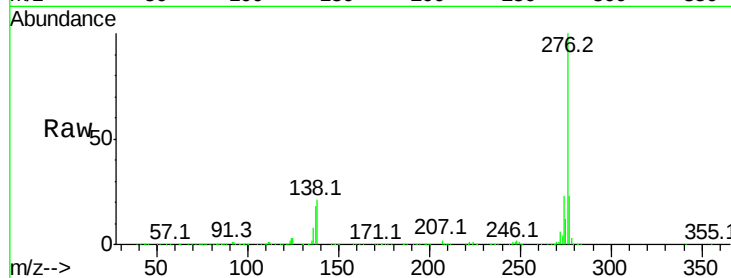
Tot Ion:276 Resp: 1023119

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	21.0	18.1	27.1

276 100

277 23.5 19.0 28.4

138 21.0 18.1 27.1



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

