

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
 Data File : BF085123.D
 Acq On : 2 Mar 2016 17:01
 Operator : SJ/IZ
 Sample : H1620-05MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 01:42:53 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	186649	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	727216	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	343315	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	584191	20.00	ng	0.00
75) Chrysene-d12	14.16	240	389745	20.00	ng	0.00
86) Perylene-d12	15.64	264	403997	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	746840	64.96	ng	0.01
7) Phenol-d6	6.62	99	609149	40.42	ng	0.00
23) Nitrobenzene-d5	7.56	82	1352572	98.95	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	517614	150.03	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	2226987	95.53	ng	0.00
78) Terphenyl-d14	13.10	244	1544326	92.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	101571	17.83	ng	98
3) Pyridine	3.54	79	221613	15.16	ng	99
4) n-Nitrosodimethylamine	3.46	42	127722	19.20	ng	90
6) Aniline	6.65	93	530389	24.80	ng	99
8) 2-Chlorophenol	6.78	128	536273	40.47	ng	95
9) Benzaldehyde	6.54	77	70685	6.69	ng	93
10) Phenol	6.63	94	265714	15.76	ng	89
11) bis(2-Chloroethyl)ether	6.72	93	568711	42.54	ng	93
12) 1,3-Dichlorobenzene	7.17	146	601086	42.23	ng	98
13) 1,4-Dichlorobenzene	7.01	146	579547	39.95	ng	97
14) 1,2-Dichlorobenzene	7.17	146	601394	47.09	ng	97
15) Benzyl Alcohol	7.13	79	391365	35.62	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	870886	44.21	ng	100
17) 2-Methylphenol	7.25	107	364657	32.84	ng	96
18) Hexachloroethane	7.51	117	222131	41.42	ng	92
19) n-Nitroso-di-n-propylamine	7.41	70	452956	45.60	ng	95
20) 3+4-Methylphenols	7.40	107	384586	28.98	ng	# 73
22) Acetophenone	7.41	105	905548	49.50	ng	# 90
24) Nitrobenzene	7.58	77	762011	53.74	ng	95
25) Isophorone	7.82	82	1292654	49.44	ng	98
26) 2-Nitrophenol	7.90	139	318999	50.31	ng	94
27) 2,4-Dimethylphenol	7.93	122	532028	43.29	ng	98
28) bis(2-Chloroethoxy)methane	8.02	93	763477	52.95	ng	100
29) 2,4-Dichlorophenol	8.14	162	491377	48.60	ng	87
30) 1,2,4-Trichlorobenzene	8.22	180	518041	47.00	ng	98
31) Naphthalene	8.30	128	1621604	44.09	ng	100
32) Benzoic acid	8.00	122	97465	22.55	ng	99
33) 4-Chloroaniline	8.34	127	405819	27.92	ng	98
34) Hexachlorobutadiene	8.42	225	288029	45.05	ng	99
35) Caprolactam	8.72	113	23817	7.51	ng	89
36) 4-Chloro-3-methylphenol	8.82	107	486252	43.49	ng	# 84
37) 2-Methylnaphthalene	9.00	142	1216261	54.10	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	481805	45.57	ng	99
40) Hexachlorocyclopentadiene	9.14	237	413700	68.73	ng	98

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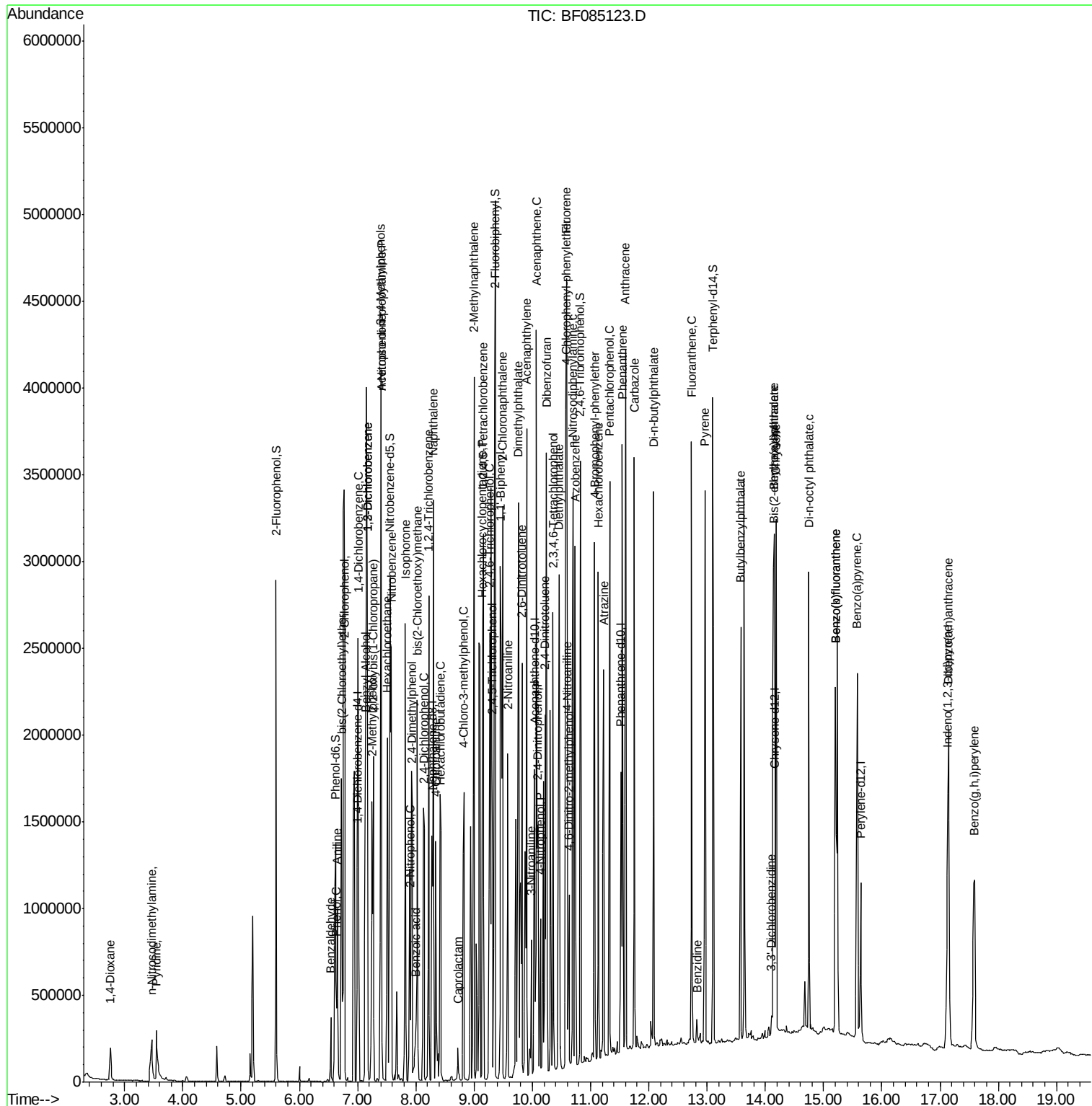
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	388898	54.63	nq	100
43) 2,4,5-Trichlorophenol	9.30	196	333629	48.91	nq	98
45) 1,1'-Biphenyl	9.45	154	1373218	45.06	nq	96
46) 2-Chloronaphthalene	9.49	162	1125337	50.63	nq	98
47) 2-Nitroaniline	9.58	65	371427	53.23	nq	97
48) Acenaphthylene	9.90	152	1540016	46.62	nq	99
49) Dimethylphthalate	9.76	163	1537890	60.42	nq	99
50) 2,6-Dinitrotoluene	9.82	165	284953	53.98	nq	98
51) Acenaphthene	10.07	154	1070960	51.64	nq	99
52) 3-Nitroaniline	9.98	138	135848	21.66	nq	81
53) 2,4-Dinitrophenol	10.09	184	215758	81.01	nq	# 1
54) Dibenzofuran	10.24	168	1383841	51.40	nq	99
55) 4-Nitrophenol	10.14	139	160009	33.26	nq	# 80
56) 2,4-Dinitrotoluene	10.22	165	341294	47.98	nq	99
57) Fluorene	10.58	166	1041155	49.17	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.36	232	289431	56.01	nq	99
59) Diethylphthalate	10.46	149	1257486	51.55	nq	100
60) 4-Chlorophenyl-phenylether	10.57	204	521707	47.81	nq	99
61) 4-Nitroaniline	10.60	138	227005	38.62	nq	86
62) Azobenzene	10.73	77	1285038	52.14	nq	100
64) 4,6-Dinitro-2-methylphenol	10.63	198	156214	45.02	nq	100
65) n-Nitrosodiphenylamine	10.70	169	1068981	58.06	nq	99
66) 4-Bromophenyl-phenylether	11.06	248	326512	53.23	nq	99
67) Hexachlorobenzene	11.13	284	356044	51.42	nq	95
68) Atrazine	11.22	200	316204	56.29	nq	97
69) Pentachlorophenol	11.33	266	433885	106.78	nq	98
70) Phenanthrene	11.54	178	1485834	51.13	nq	99
71) Anthracene	11.60	178	1606345	49.22	nq	99
72) Carbazole	11.75	167	1291420	45.47	nq	99
73) Di-n-butylphthalate	12.08	149	1794389	53.09	nq	100
74) Fluoranthene	12.73	202	1311896	41.14	nq	100
76) Benzidine	12.84	184	813	0.07	nq	# 1
77) Pyrene	12.96	202	1277137	48.00	nq	98
79) Butylbenzylphthalate	13.58	149	599276	53.19	nq	90
80) Benzo(a)anthracene	14.15	228	1070761	47.32	nq	100
81) 3,3'-Dichlorobenzidine	14.11	252	29030	4.10	nq	# 96
82) Chrysene	14.19	228	890806	43.11	nq	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	726939	55.88	nq	# 94
84) Di-n-octyl phthalate	14.75	149	1227305	63.56	nq	98
85) Indeno(1,2,3-cd)pyrene	17.13	276	1184670	67.80	nq	99
87) Benzo(b)fluoranthene	15.20	252	1315027	53.46	nq	# 96
88) Benzo(k)fluoranthene	15.20	252	1315027	61.72	nq	99
89) Benzo(a)pyrene	15.58	252	1087243	52.55	nq	98
90) Dibenzo(a,h)anthracene	17.15	278	1008341	54.11	nq	98
91) Benzo(g,h,i)perylene	17.59	276	920370	48.58	nq	97

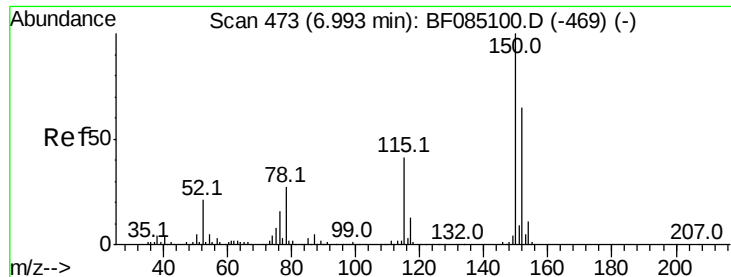
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

Instrument :

BNA_F

ClientSampleId :

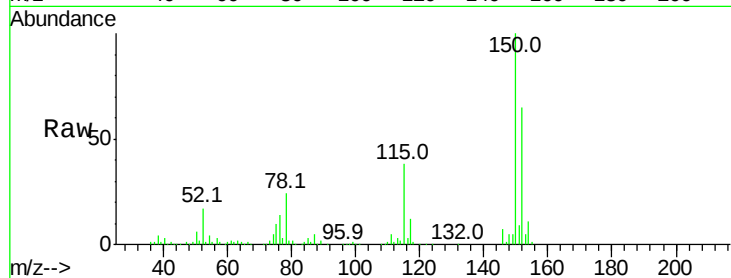
Tot Ion:152 Resp: 186649

Ion Ratio Lower Upper

152 100

150 153.4 123.4 185.0

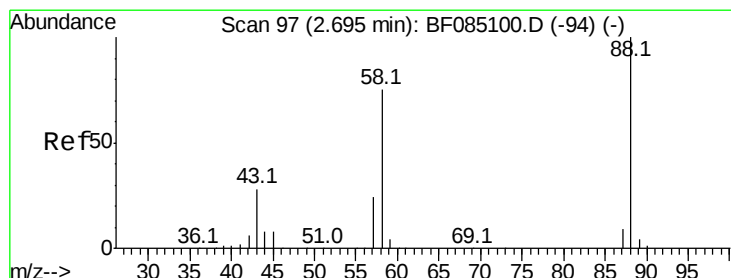
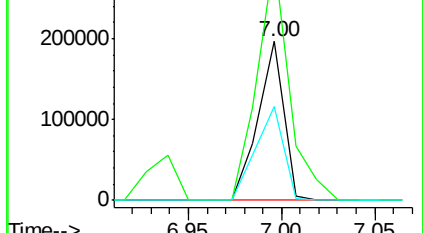
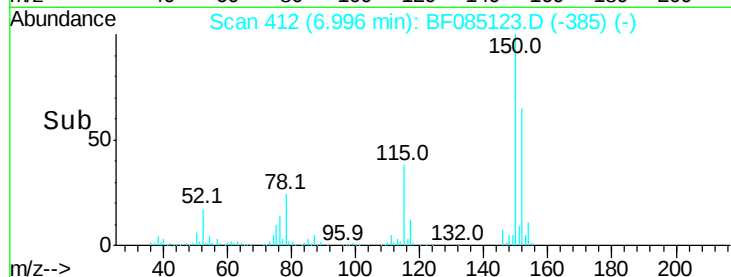
115 59.0 50.0 75.0



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: 17.83 ng

RT: 2.76 min Scan# 41

Delta R.T. 0.06 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

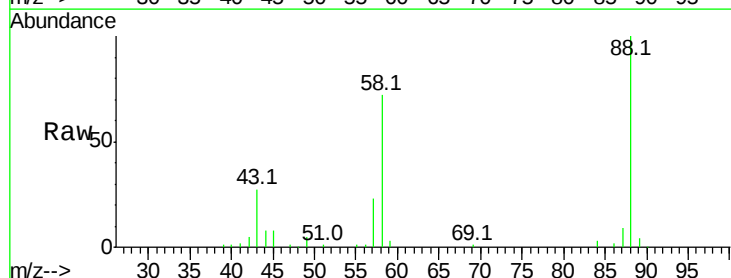
Tgt Ion: 88 Resp: 101571

Ion Ratio Lower Upper

88 100

58 71.7 58.4 87.6

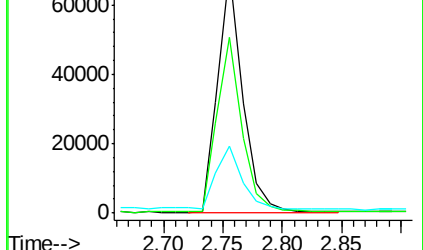
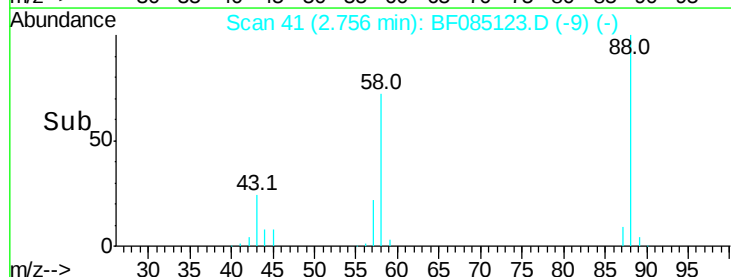
43 29.3 22.2 33.4

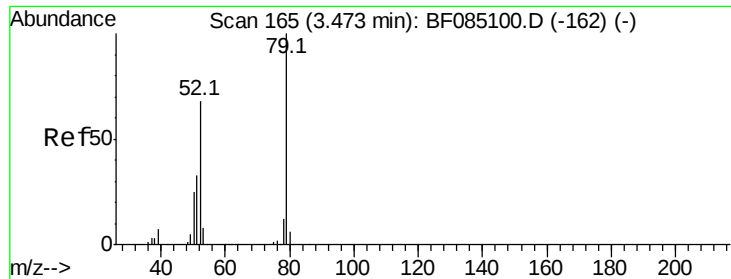


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 15.16 ng

RT: 3.54 min Scan# 110

Delta R.T. 0.07 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

Instrument :

BNA_F

ClientSampleId :

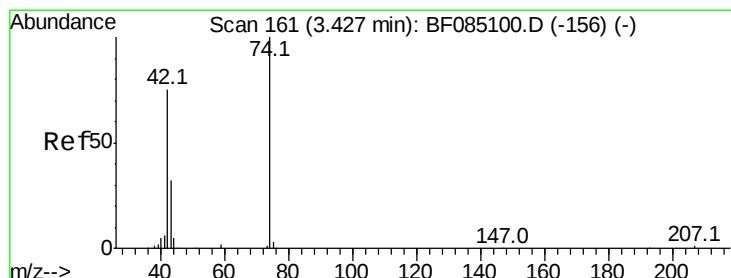
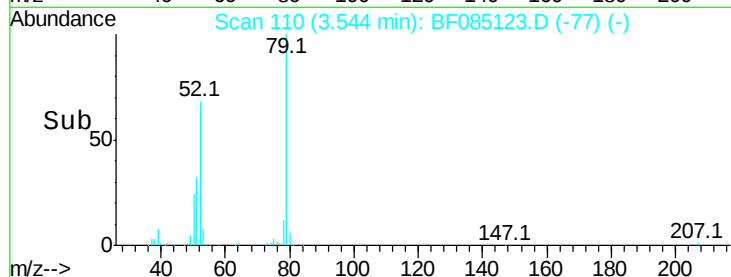
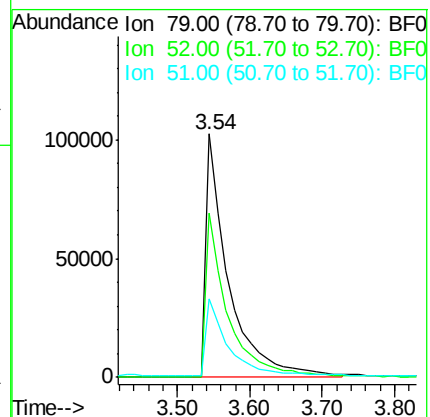
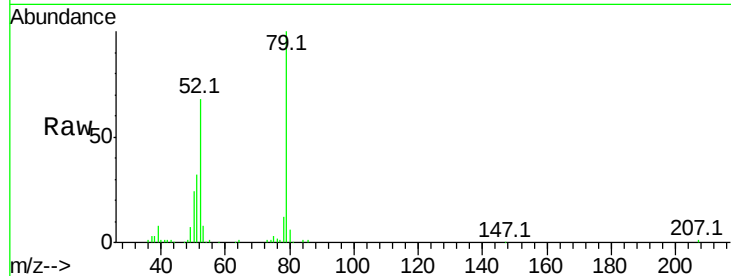
Tot Ion: 79 Resp: 221613

Ion Ratio Lower Upper

79 100

52 67.6 54.1 81.1

51 32.4 26.6 40.0



#4

n-Nitrosodimethylamine

Concen: 19.20 ng

RT: 3.46 min Scan# 103

Delta R.T. 0.04 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

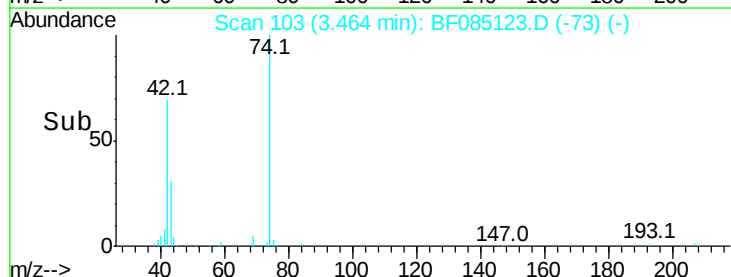
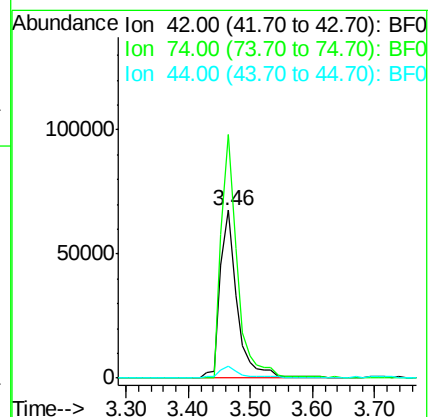
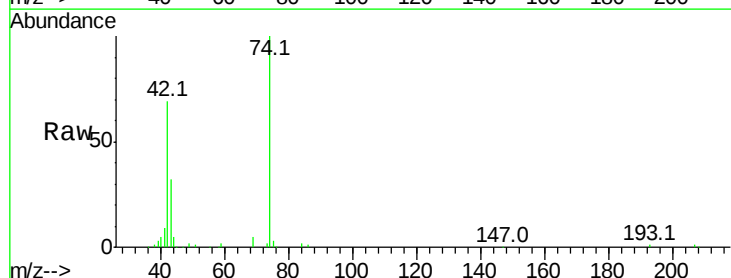
Tgt Ion: 42 Resp: 127722

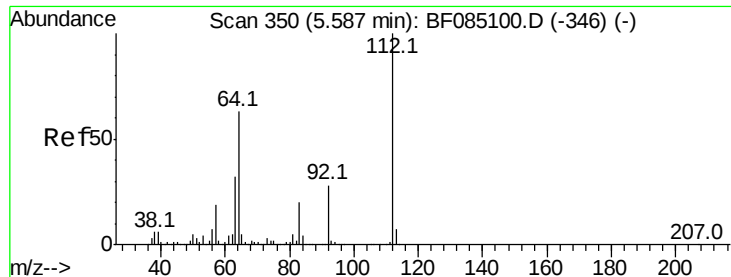
Ion Ratio Lower Upper

42 100

74 145.1 106.6 160.0

44 7.1 5.4 8.2





#5

2-Fluorophenol

Concen: 64.96 ng

RT: 5.60 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

Instrument :

BNA_F

ClientSampleId :

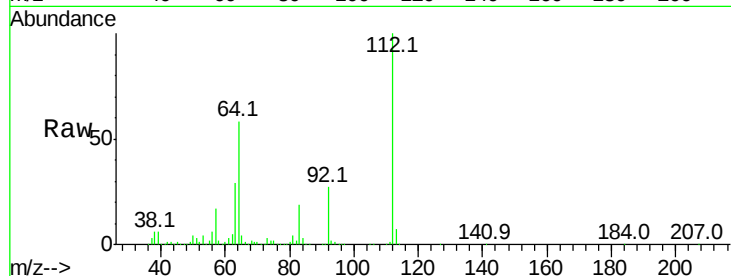
Tot Ion:112 Resp: 746840

Ion Ratio Lower Upper

112 100

64 58.0 50.6 76.0

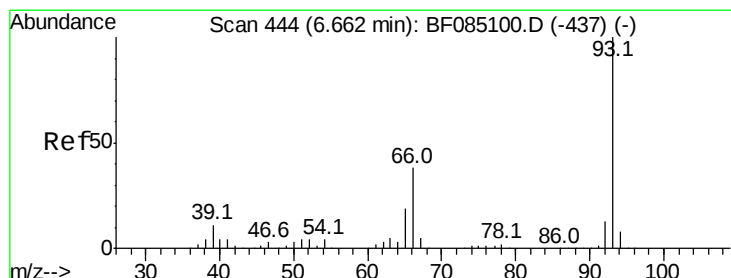
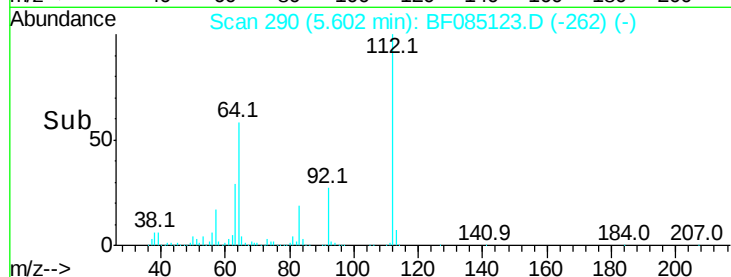
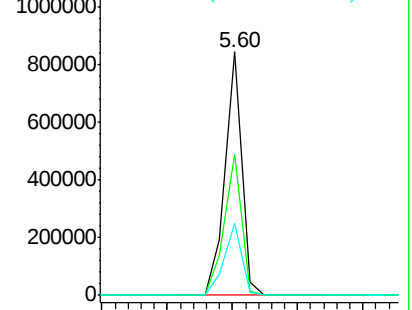
63 29.4 25.5 38.3



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: 24.80 ng

RT: 6.65 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

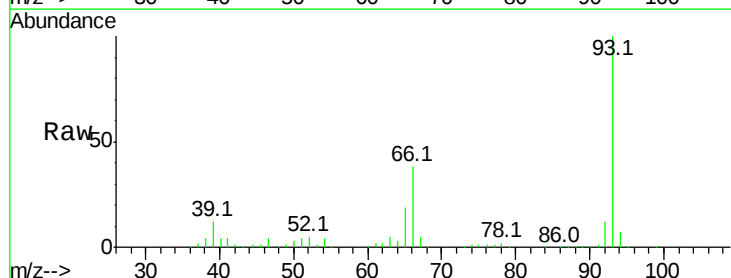
Tgt Ion: 93 Resp: 530389

Ion Ratio Lower Upper

93 100

66 38.3 30.1 45.1

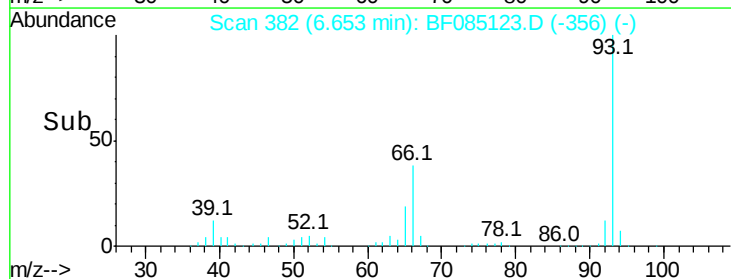
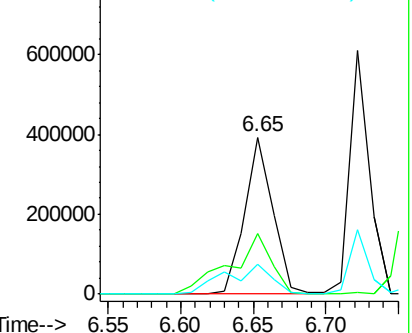
65 18.7 15.0 22.6

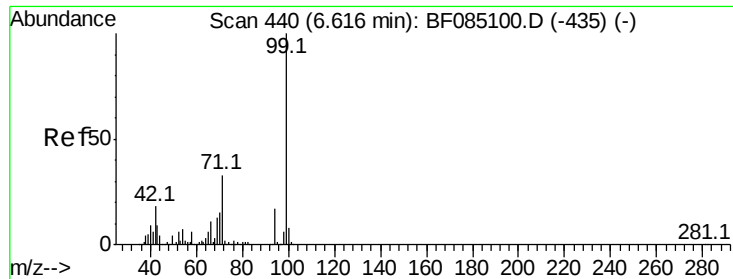


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 40.42 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

Instrument :

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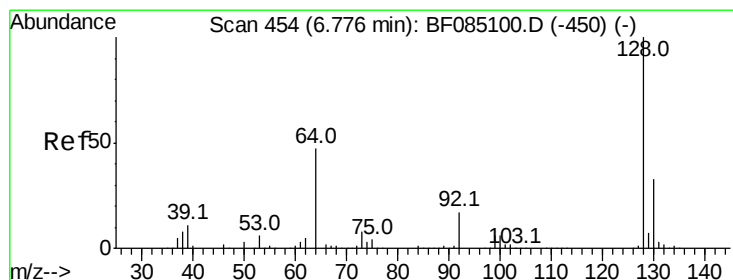
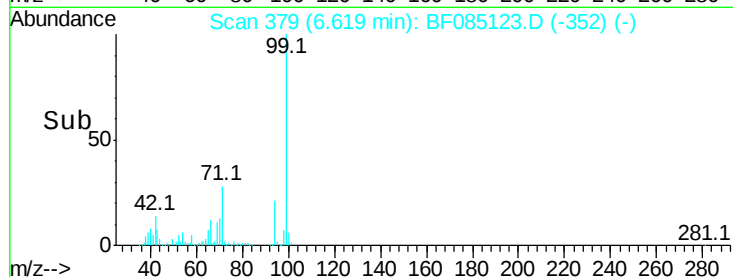
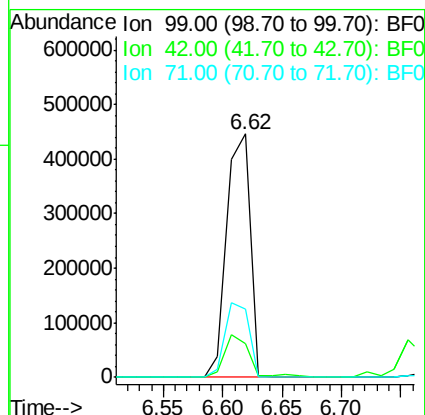
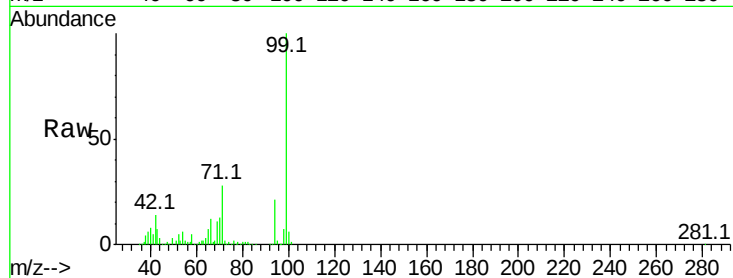
Tot Ion: 99 Resp: 609149

Ion Ratio Lower Upper

99 100

42 13.7 14.1 21.1#

71 28.3 26.8 40.2



#8

2-Chlorophenol

Concen: 40.47 ng

RT: 6.78 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

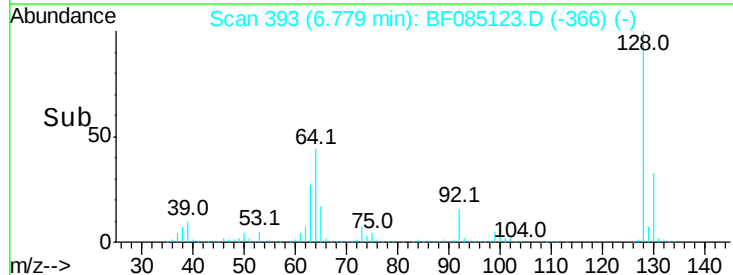
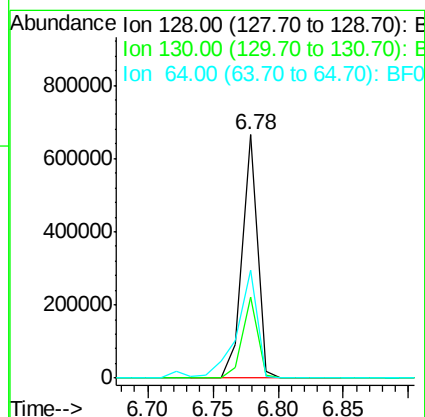
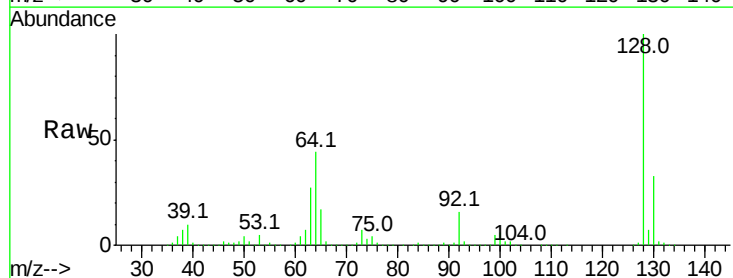
Tgt Ion: 128 Resp: 536273

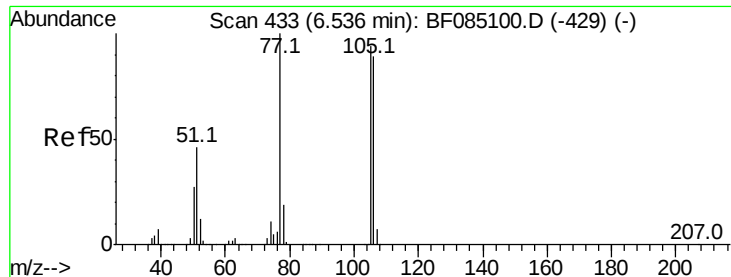
Ion Ratio Lower Upper

128 100

130 33.2 13.1 53.1

64 44.3 29.6 69.6





#9

Benzaldehyde

Concen: 6.69 ng

RT: 6.54 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

Instrument :

BNA_F

ClientSampled :

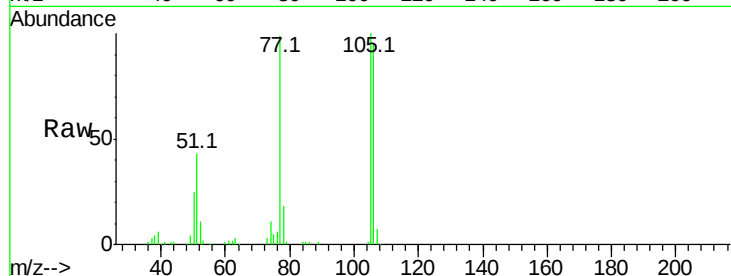
Tot Ion: 77 Resp: 70685

Ion Ratio Lower Upper

77 100

105 101.2 73.7 113.7

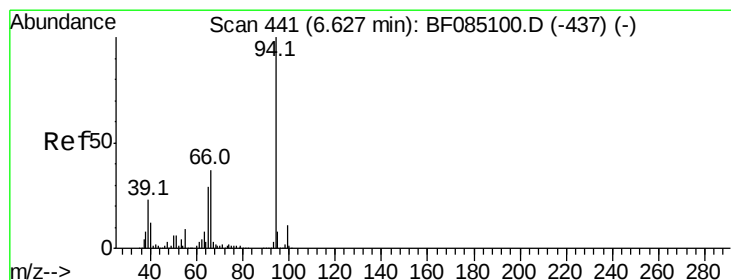
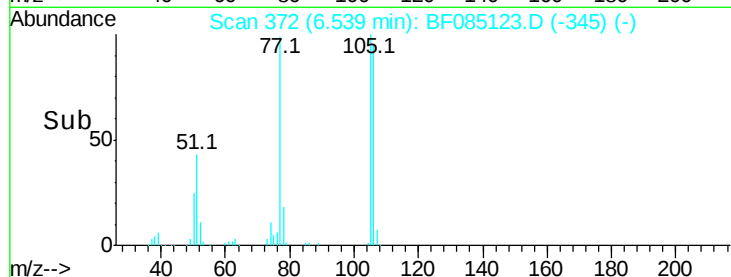
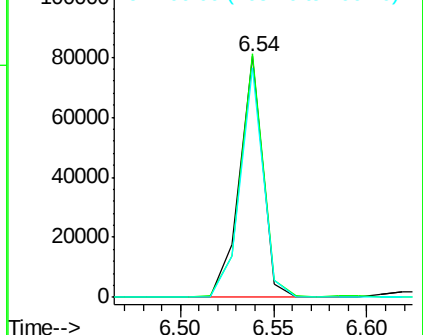
106 95.6 69.2 109.2



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: 15.76 ng

RT: 6.63 min Scan# 380

Delta R.T. 0.00 min

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Acq: 2 Mar 2016 17:01

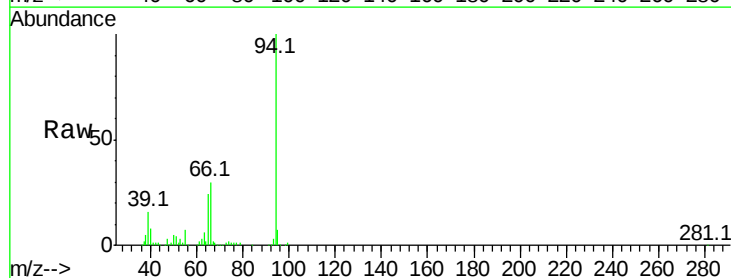
Tgt Ion: 94 Resp: 265714

Ion Ratio Lower Upper

94 100

65 23.9 9.1 49.1

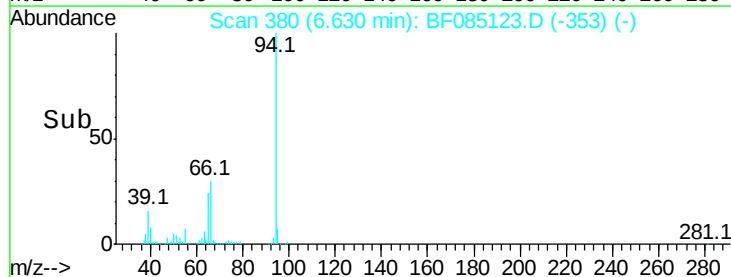
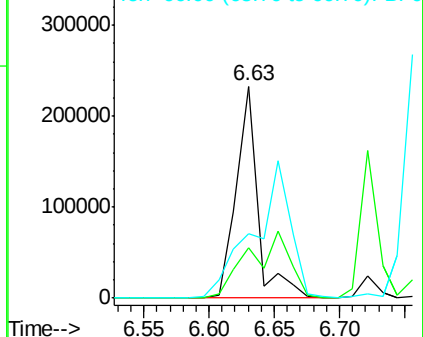
66 30.4 17.5 57.5

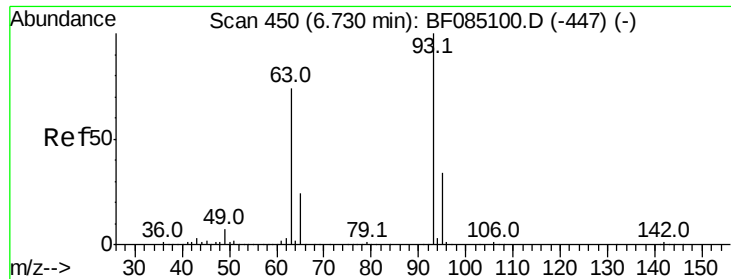


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.54 ng

RT: 6.72 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

Instrument :

BNA_F

ClientSampleId :

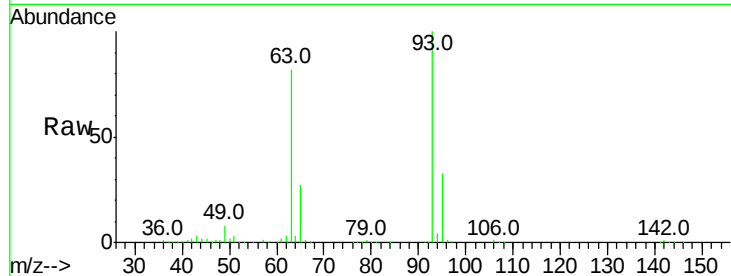
Tot Ion: 93 Resp: 568711

Ion Ratio Lower Upper

93 100

63 82.0 53.9 93.9

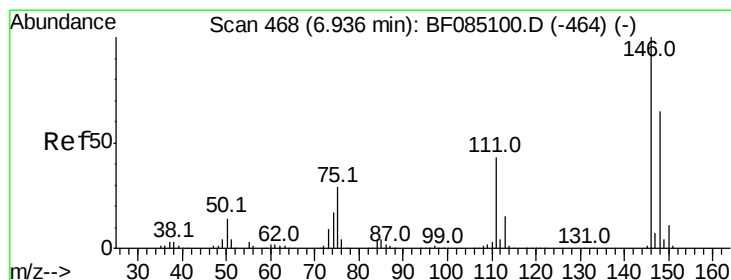
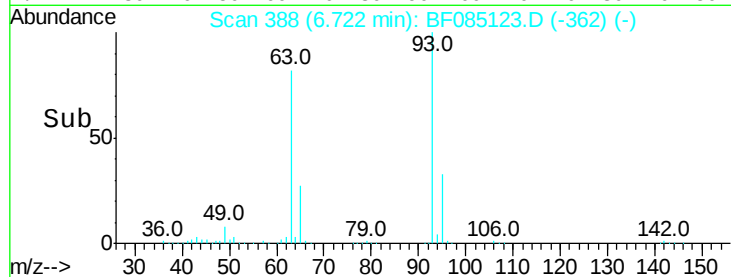
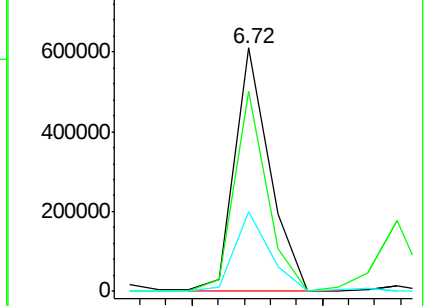
95 32.8 13.8 53.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 42.23 ng

RT: 7.17 min Scan# 427

Delta R.T. 0.23 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

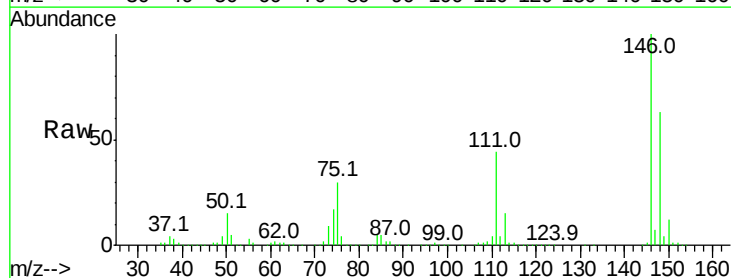
Tgt Ion: 146 Resp: 601086

Ion Ratio Lower Upper

146 100

148 63.2 51.9 77.9

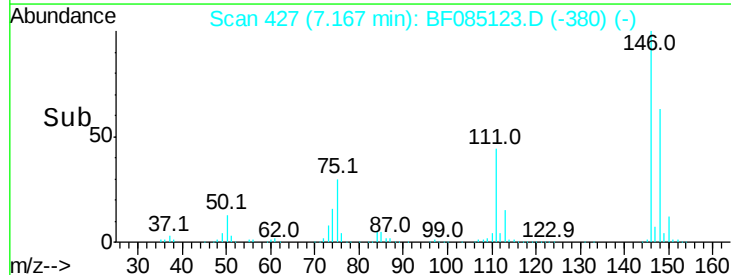
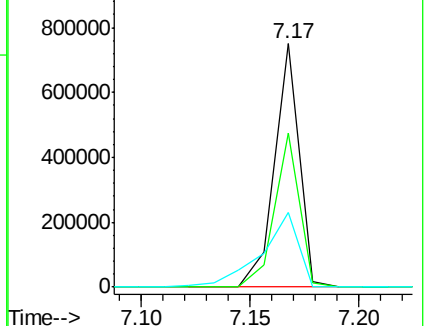
75 30.4 23.3 34.9

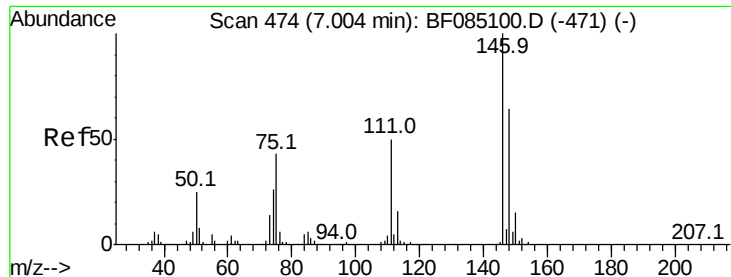


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

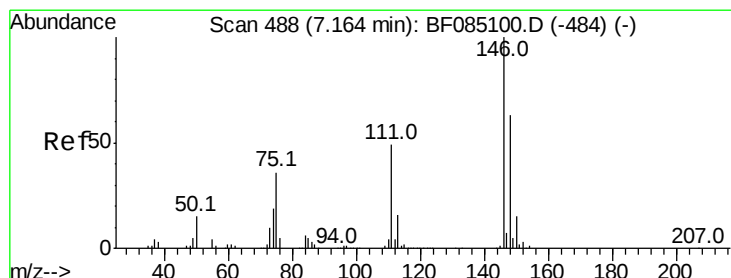
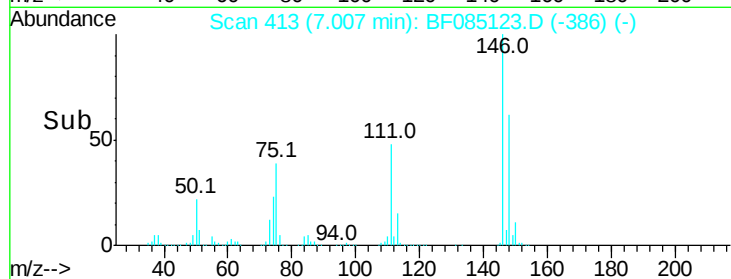
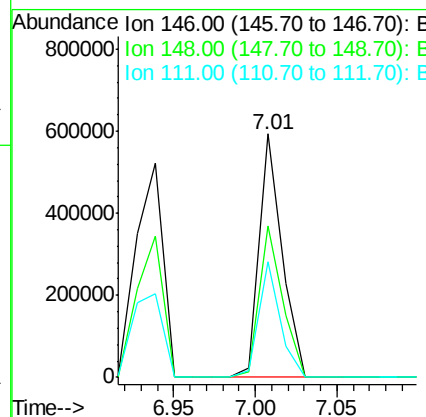
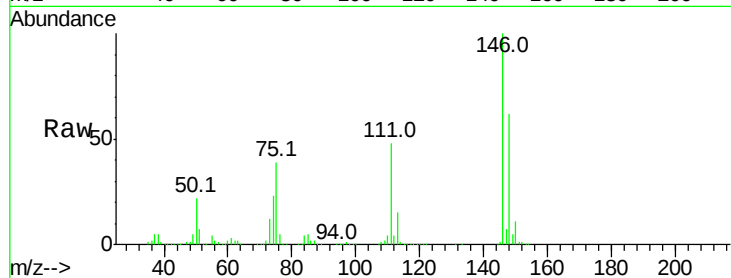




#13
 1,4-Dichlorobenzene
 Concen: 39.95 ng
 RT: 7.01 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BF085123.D
 Acq: 2 Mar 2016 17:01

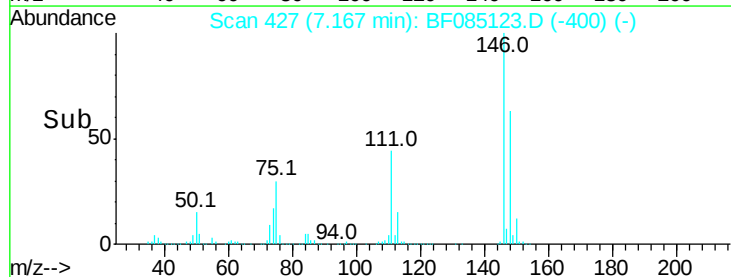
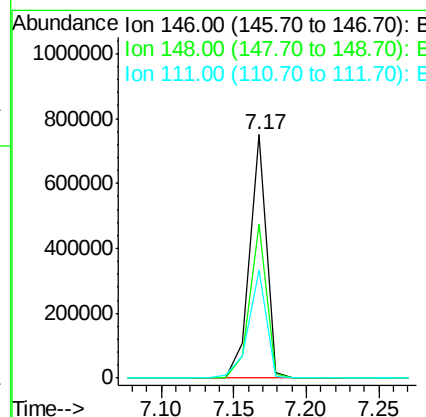
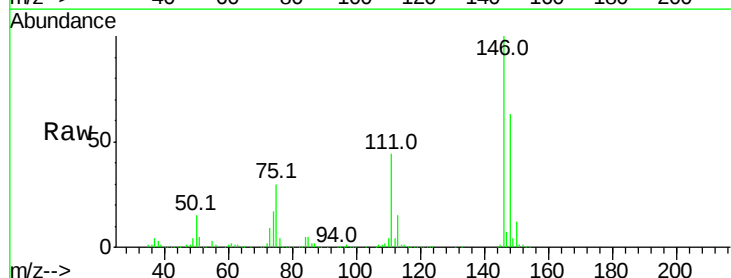
Instrument :
 BNA_F
 ClientSampled :

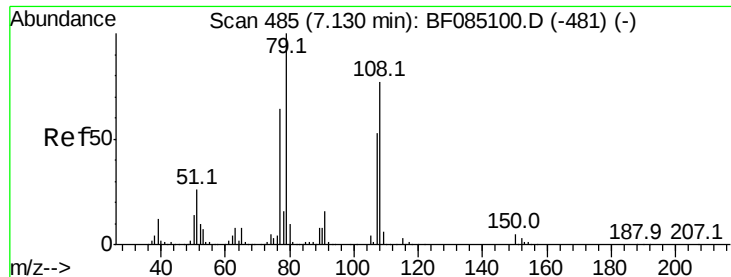
Tot Ion:146 Resp: 579547
 Ion Ratio Lower Upper
 146 100
 148 62.0 51.1 76.7
 111 47.5 40.0 60.0



#14
 1,2-Dichlorobenzene
 Concen: 47.09 ng
 RT: 7.17 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF085123.D
 Acq: 2 Mar 2016 17:01

Tgt Ion:146 Resp: 601394
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.5 75.7
 111 44.2 38.9 58.3





#15

Benzyl Alcohol

Concen: 35.62 ng

RT: 7.13 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

Instrument :

BNA_F

ClientSampled :

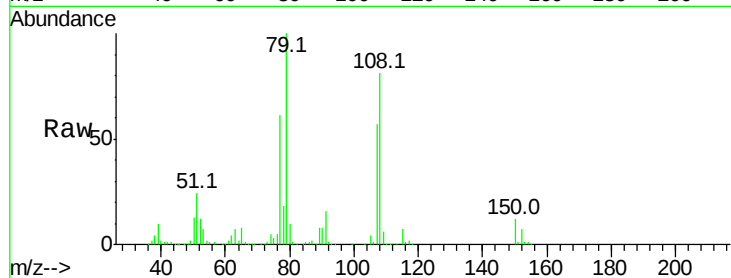
Tot Ion: 79 Resp: 391365

Ion Ratio Lower Upper

79 100

108 81.1 61.8 92.6

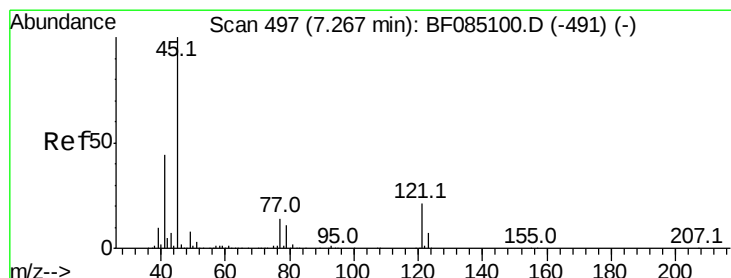
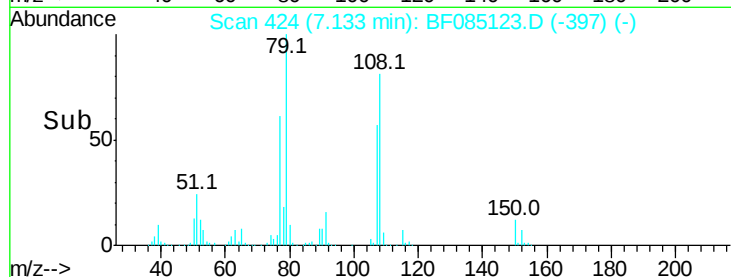
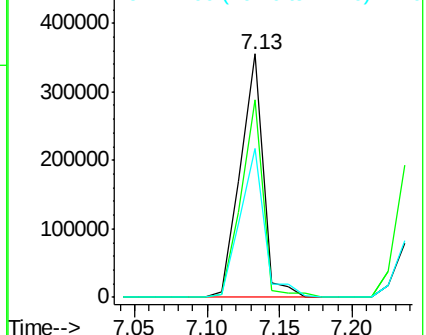
77 61.2 51.2 76.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.21 ng

RT: 7.27 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

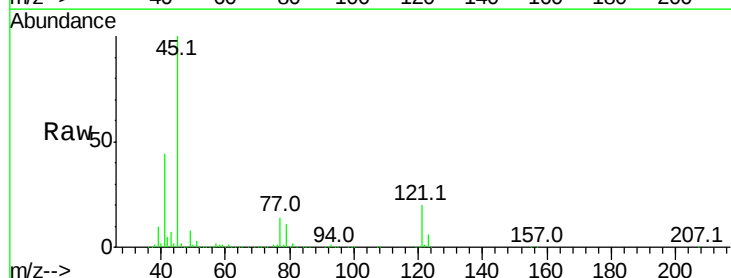
Tgt Ion: 45 Resp: 870886

Ion Ratio Lower Upper

45 100

77 14.2 0.0 34.4

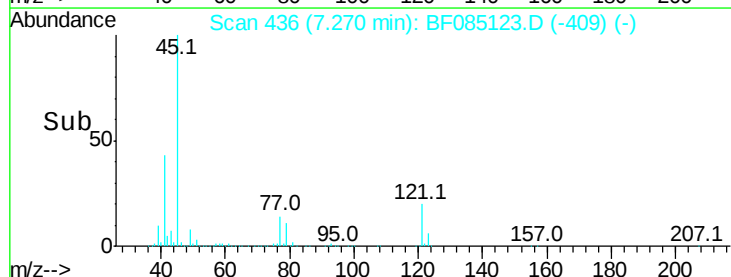
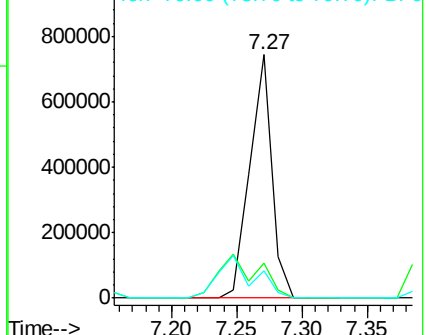
79 11.0 0.0 31.1

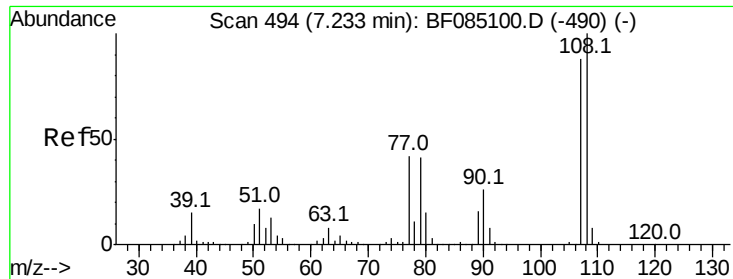


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 32.84 ng

RT: 7.25 min Scan# 434

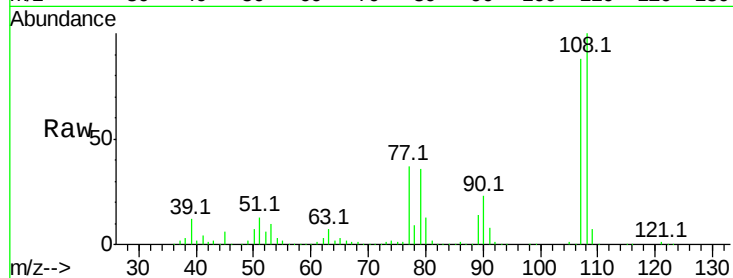
Delta R.T. 0.01 min

Lab File: BF085123.D

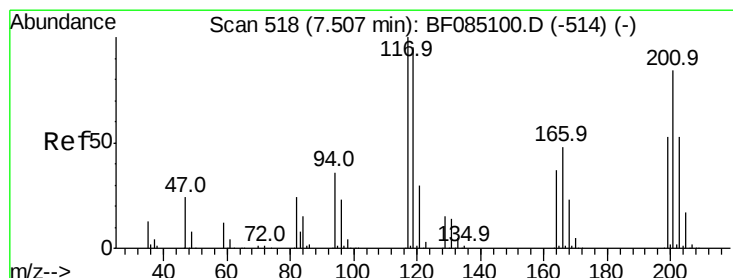
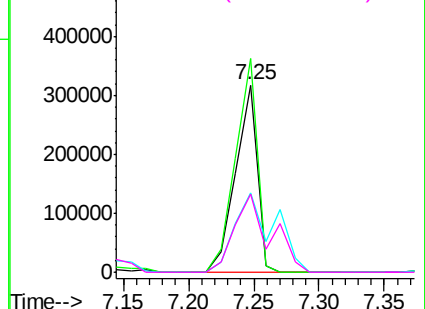
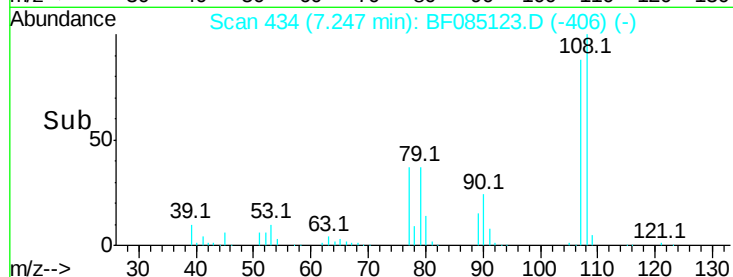
Acq: 2 Mar 2016 17:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	364657
Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.4	137.2
77	42.6	38.7	58.1
79	41.6	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: 41.42 ng

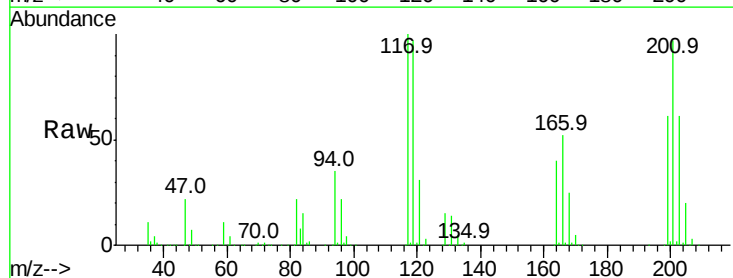
RT: 7.51 min Scan# 457

Delta R.T. 0.00 min

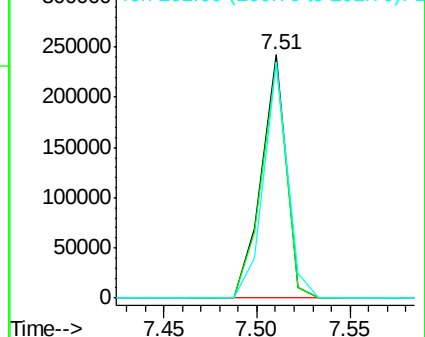
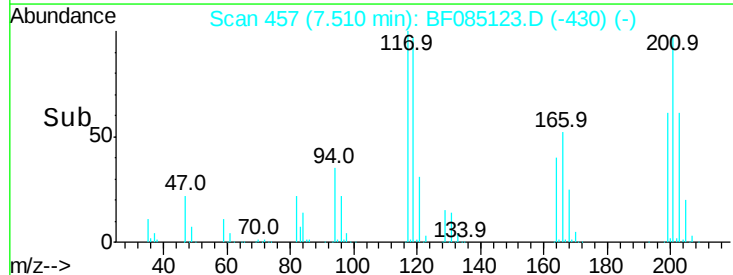
Lab File: BF085123.D

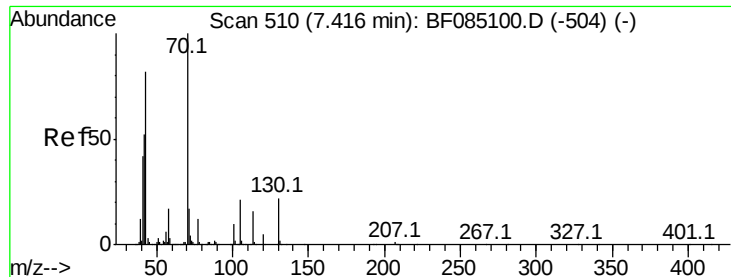
Acq: 2 Mar 2016 17:01

Tgt Ion:	117	Resp:	222131
Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.2	114.4
201	96.7	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

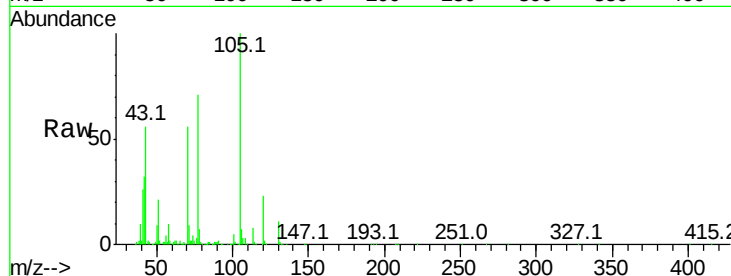




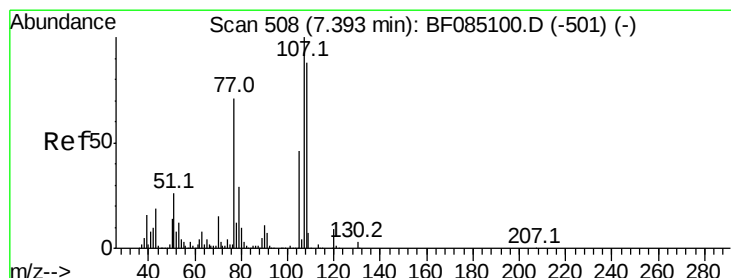
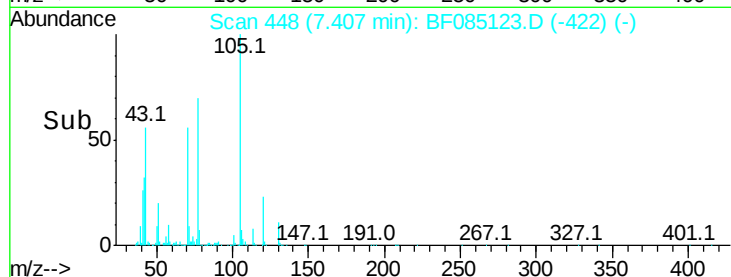
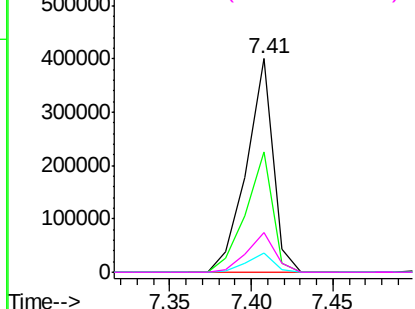
#19
n-Nitroso-di-n-propylamine
Concen: 45.60 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF085123.D
Acq: 2 Mar 2016 17:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 452956
Ion Ratio Lower Upper
70 100
42 56.3 41.9 62.9
101 9.0 7.8 11.8
130 18.8 17.2 25.8

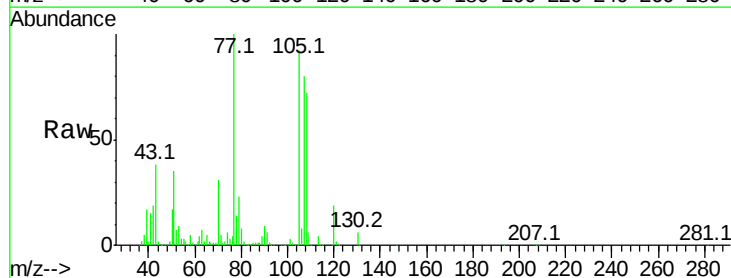


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

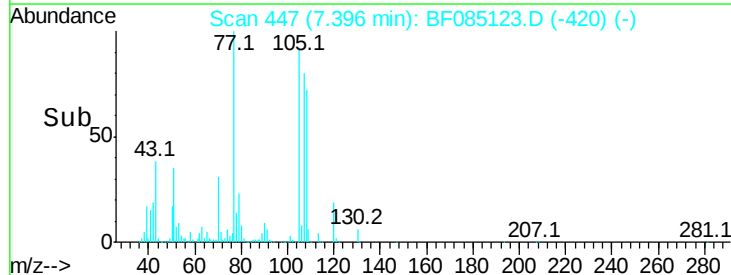
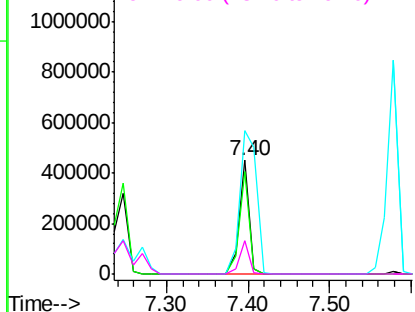


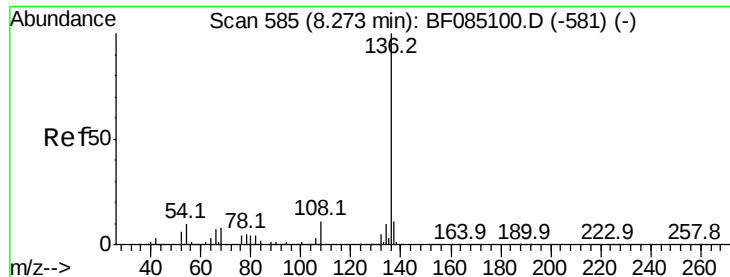
#20
3+4-Methylphenols
Concen: 28.98 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF085123.D
Acq: 2 Mar 2016 17:01

Tgt Ion:107 Resp: 384586
Ion Ratio Lower Upper
107 100
108 90.3 67.8 107.8
77 125.8 50.6 90.6#
79 29.0 9.1 49.1



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

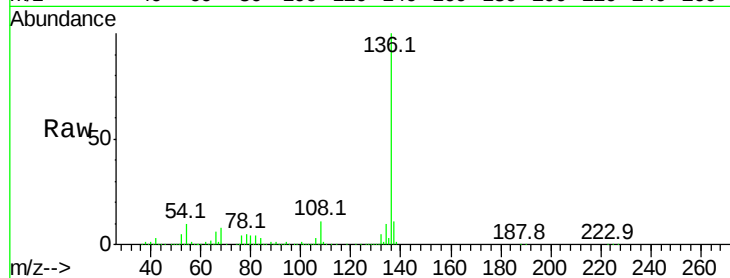




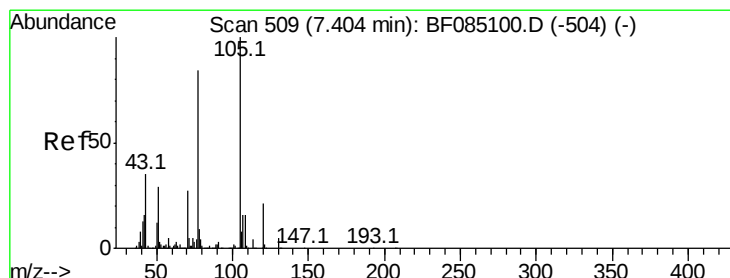
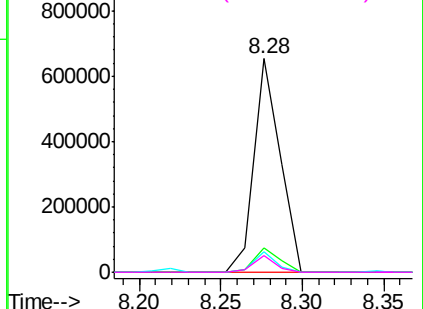
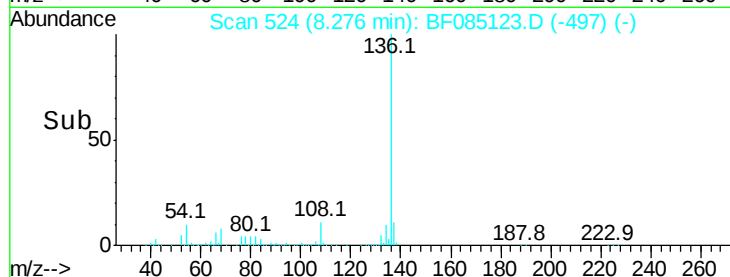
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085123.D
Acq: 2 Mar 2016 17:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	727216
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.7	8.5	12.7
68	7.6	6.4	9.6

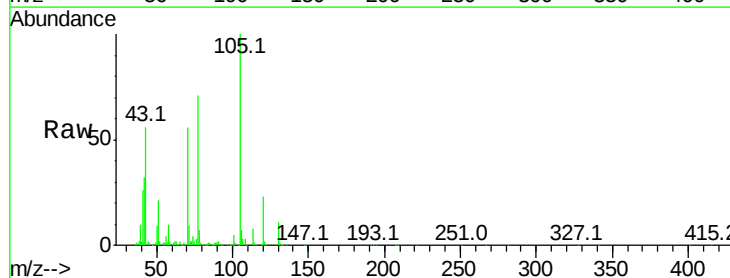


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

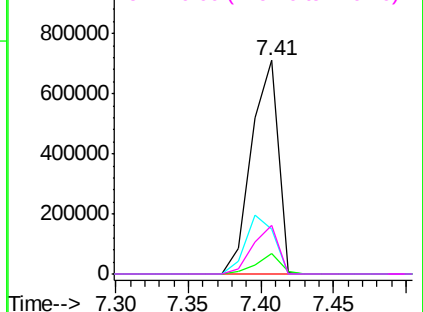
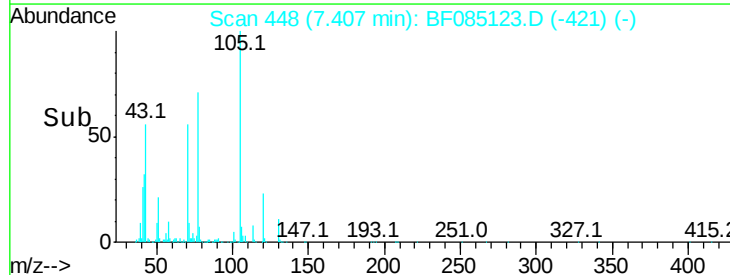


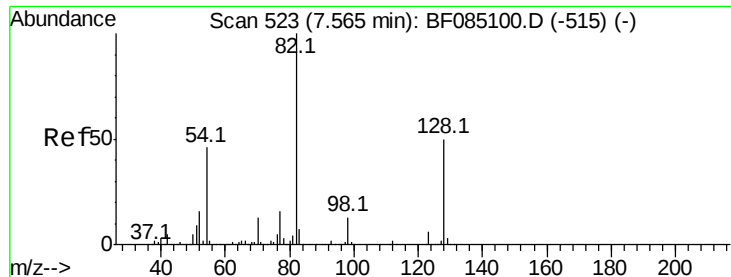
#22
Acetophenone
Concen: 49.50 ng
RT: 7.41 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF085123.D
Acq: 2 Mar 2016 17:01

Tgt Ion:	105	Resp:	905548
Ion	Ratio	Lower	Upper
105	100		
71	9.3	3.8	5.6#
51	20.8	22.9	34.3#
120	22.7	16.9	25.3



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



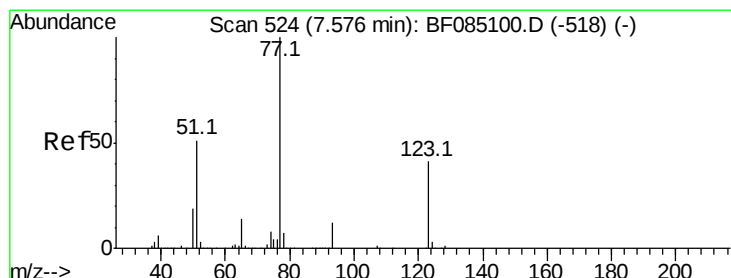
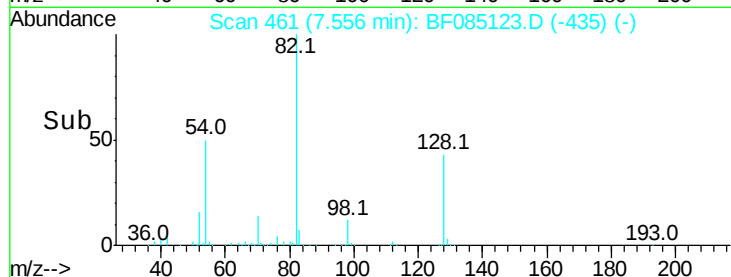
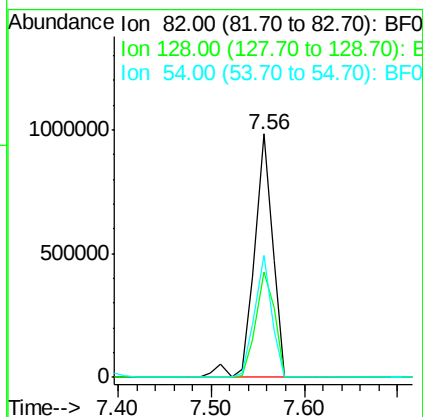
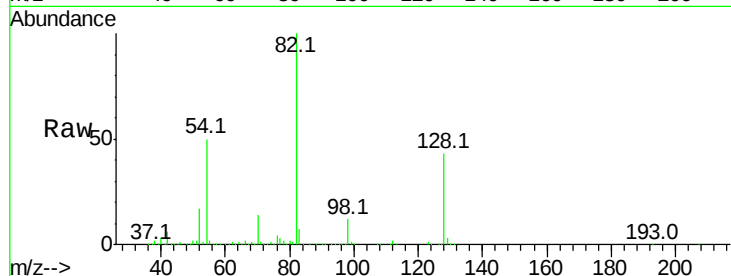


#23
 Nitrobenzene-d5
 Concen: 98.95 ng
 RT: 7.56 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085123.D
 Acq: 2 Mar 2016 17:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1352572

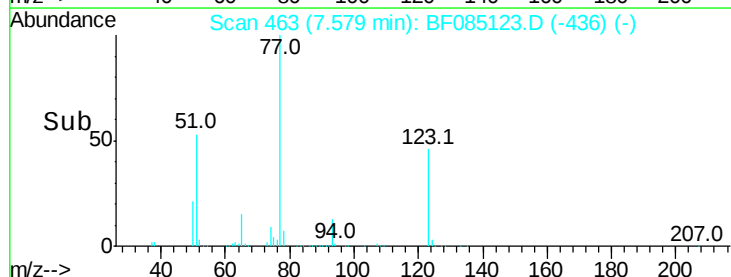
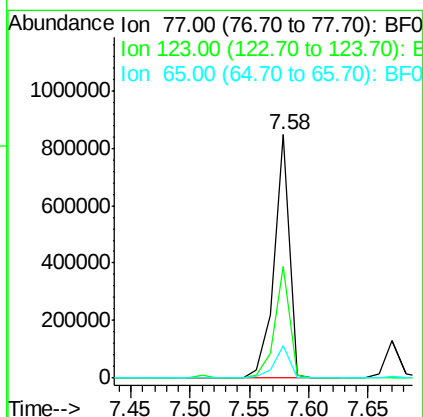
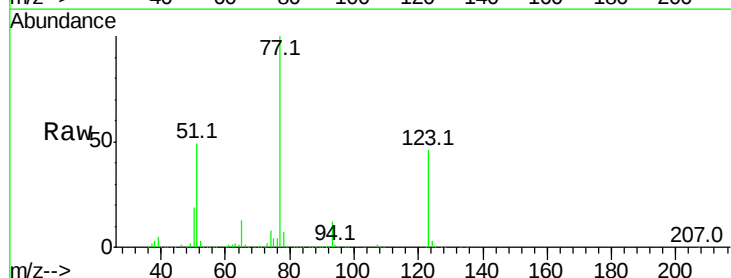
Ion	Ratio	Lower	Upper
82	100		
128	43.3	39.8	59.6
54	50.2	36.6	54.8

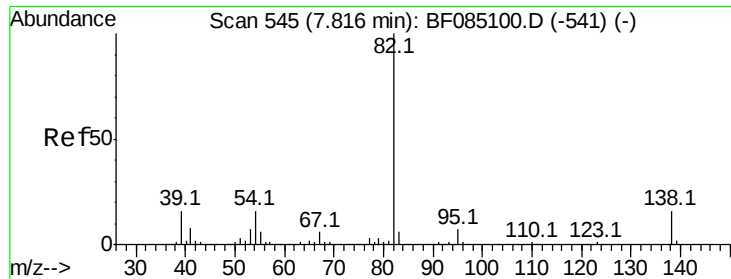


#24
 Nitrobenzene
 Concen: 53.74 ng
 RT: 7.58 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF085123.D
 Acq: 2 Mar 2016 17:01

Tgt Ion: 77 Resp: 762011

Ion	Ratio	Lower	Upper
77	100		
123	45.9	33.4	50.2
65	13.4	10.9	16.3





#25

Isophorone

Concen: 49.44 ng

RT: 7.82 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

Instrument :

BNA_F

ClientSampleId :

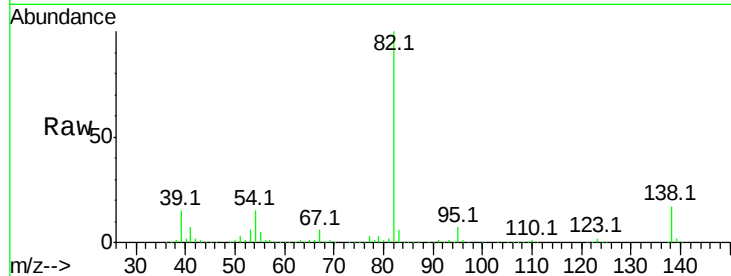
Tot Ion: 82 Resp: 1292654

Ion Ratio Lower Upper

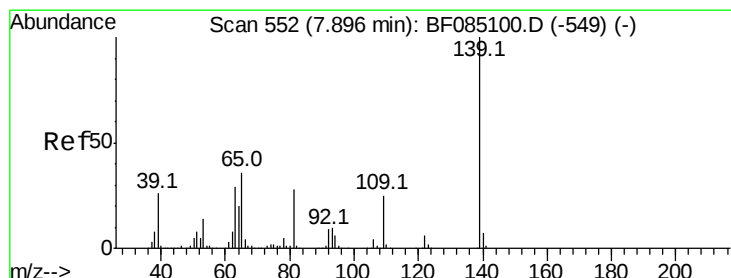
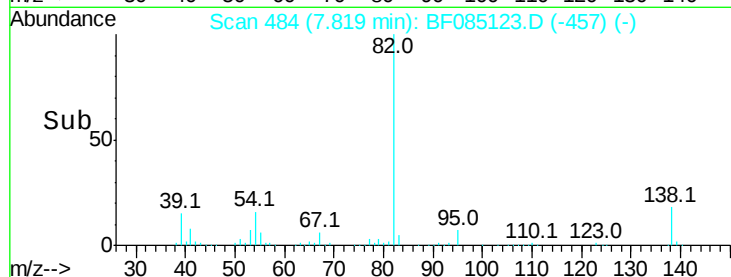
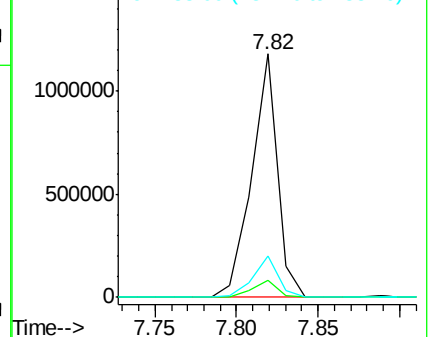
82 100

95 7.0 5.6 8.4

138 17.1 12.6 18.8



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



#26

2-Nitrophenol

Concen: 50.31 ng

RT: 7.90 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

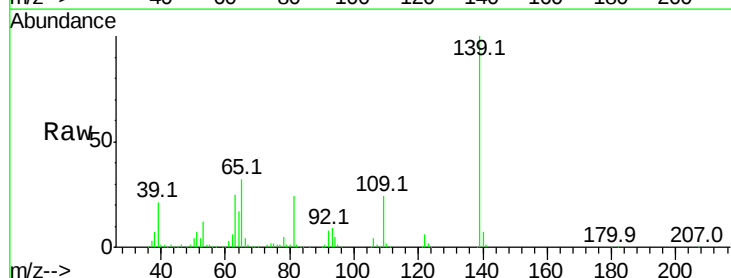
Tgt Ion:139 Resp: 318999

Ion Ratio Lower Upper

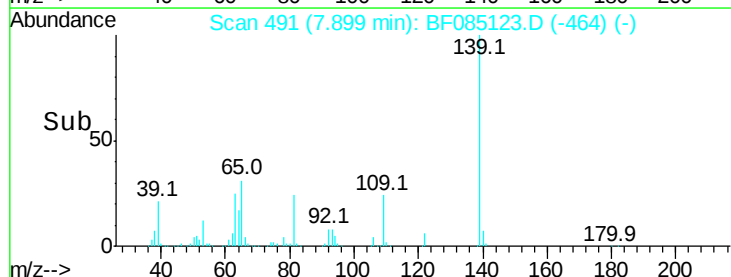
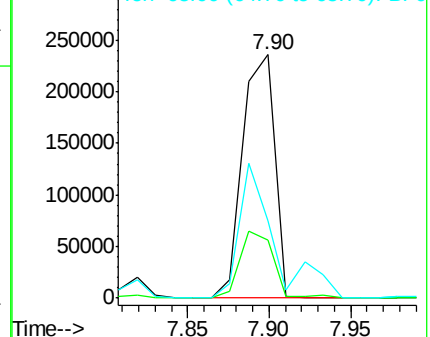
139 100

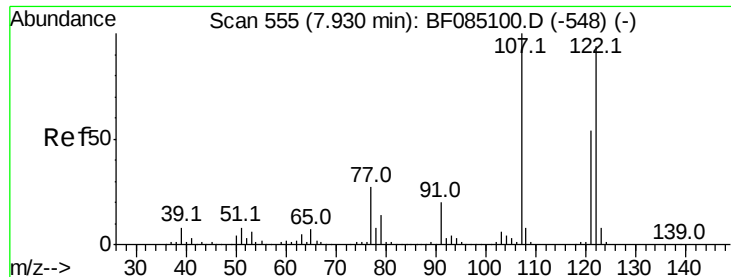
109 23.8 20.4 30.6

65 31.7 29.2 43.8



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

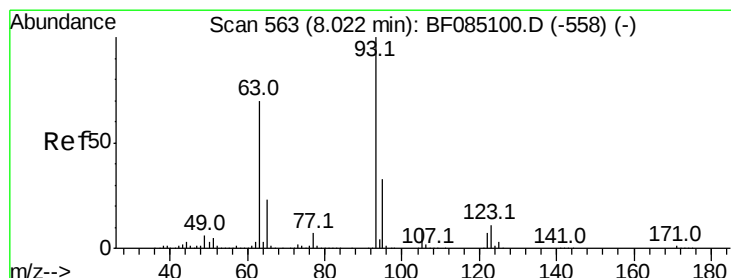
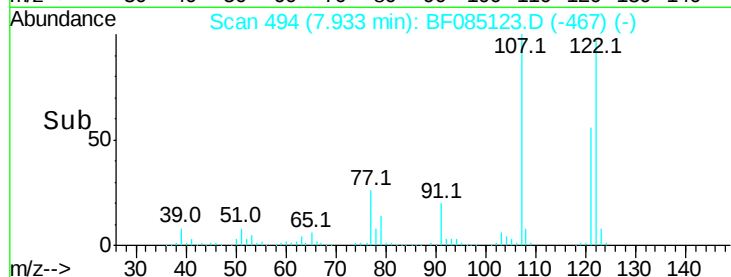
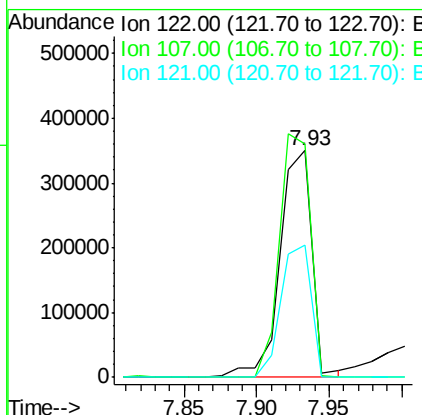
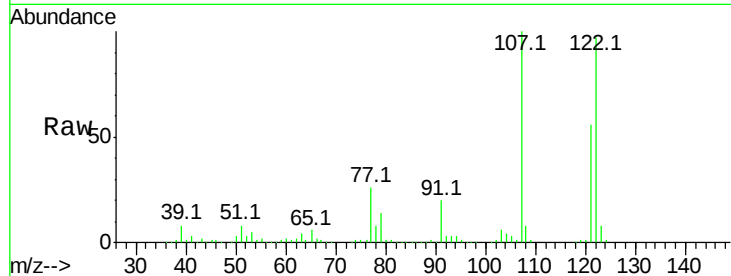




#27
2,4-Dimethylphenol
Concen: 43.29 ng
RT: 7.93 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF085123.D
Acq: 2 Mar 2016 17:01

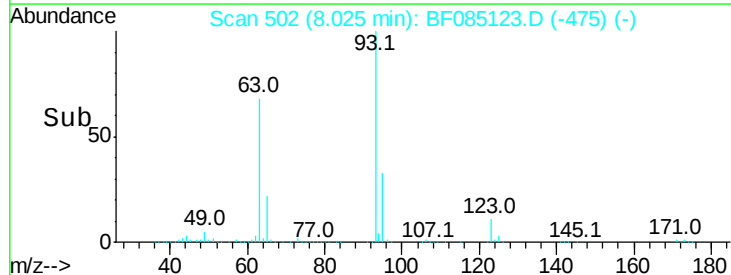
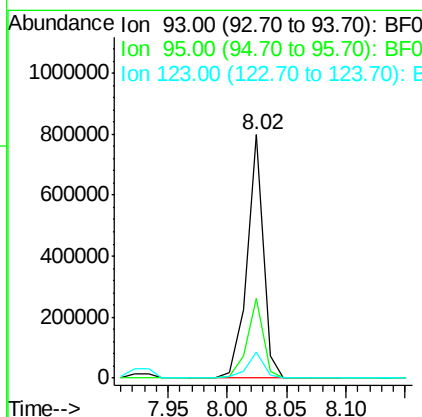
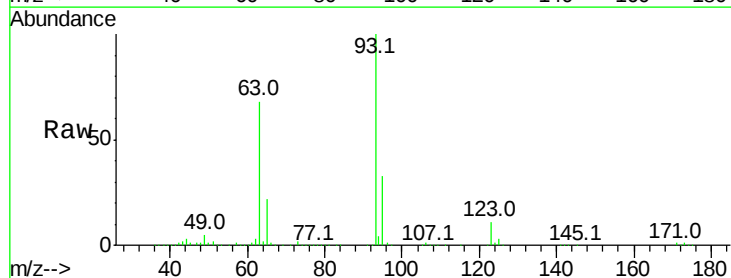
Instrument :
BNA_F
ClientSampled :

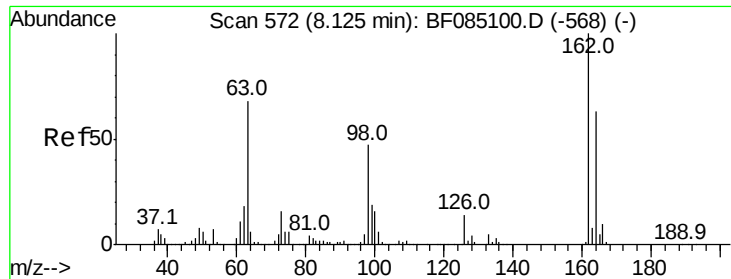
Tot Ion:122 Resp: 532028
Ion Ratio Lower Upper
122 100
107 103.2 85.0 127.4
121 58.2 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 52.95 ng
RT: 8.02 min Scan# 502
Delta R.T. 0.00 min
Lab File: BF085123.D
Acq: 2 Mar 2016 17:01

Tgt Ion: 93 Resp: 763477
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.4
123 10.5 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 48.60 ng

RT: 8.14 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

Instrument :

BNA_F

ClientSampled :

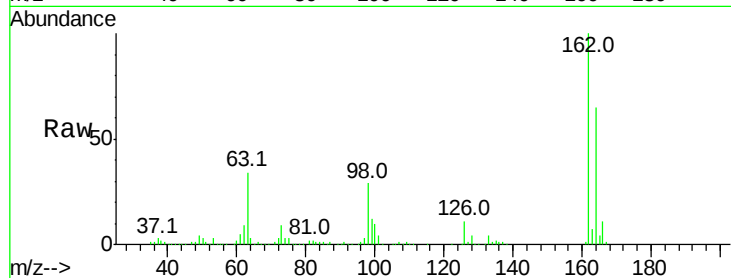
Tot Ion:162 Resp: 491377

Ion Ratio Lower Upper

162 100

164 65.1 42.9 82.9

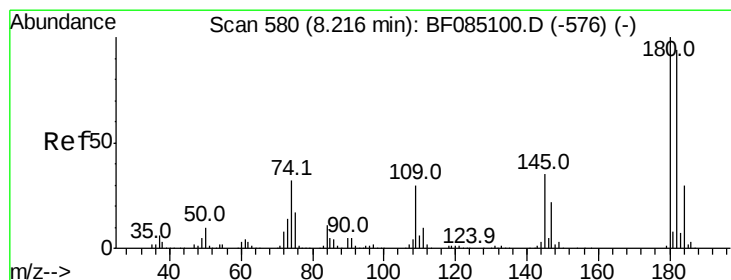
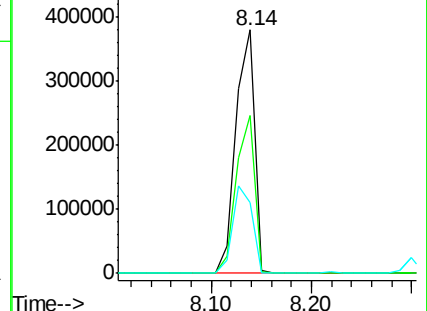
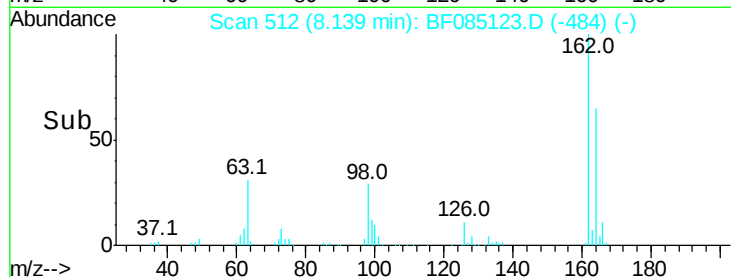
98 29.3 26.9 66.9



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: 47.00 ng

RT: 8.22 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

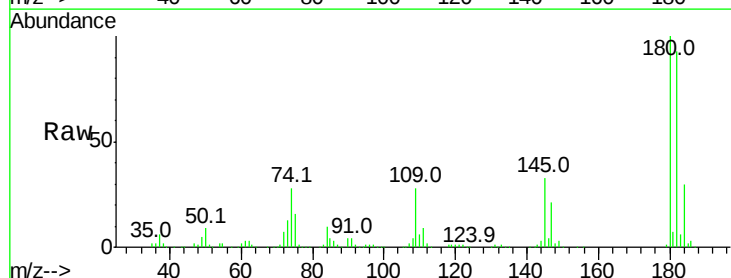
Tgt Ion:180 Resp: 518041

Ion Ratio Lower Upper

180 100

182 93.1 75.4 113.0

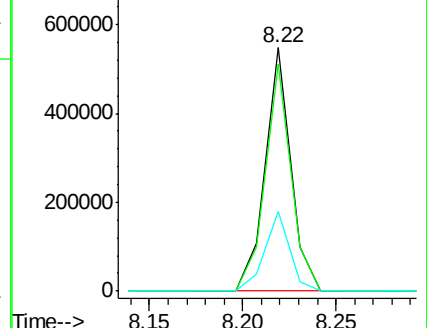
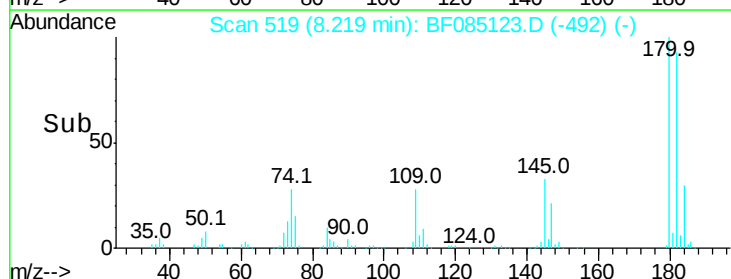
145 33.0 27.8 41.8

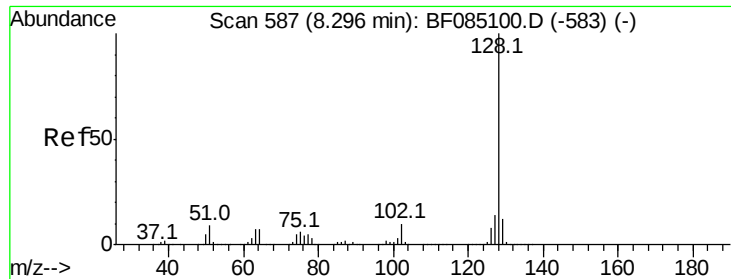


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

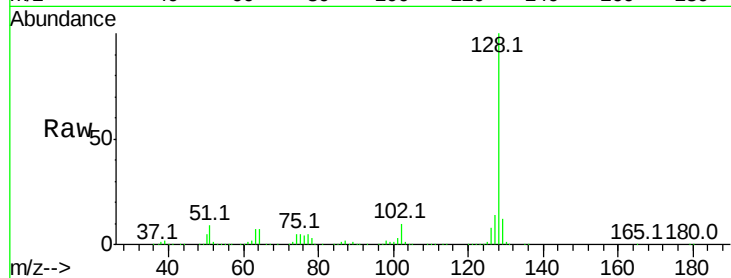




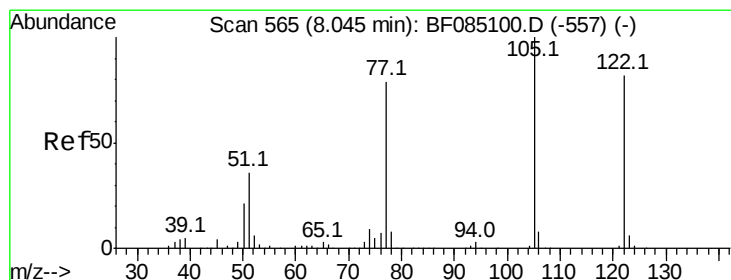
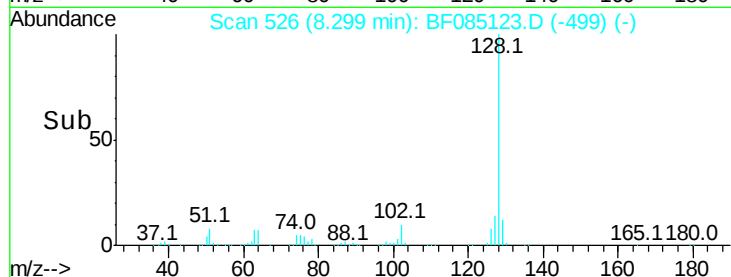
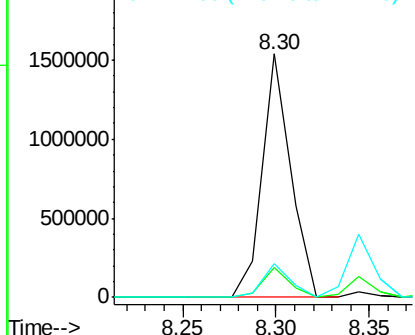
#31
Naphthalene
Concen: 44.09 ng
RT: 8.30 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF085123.D
Acq: 2 Mar 2016 17:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1621604
Ion Ratio Lower Upper
128 100
129 12.1 9.7 14.5
127 13.7 11.1 16.7

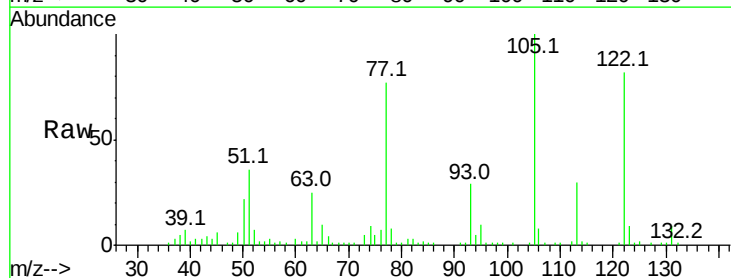


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

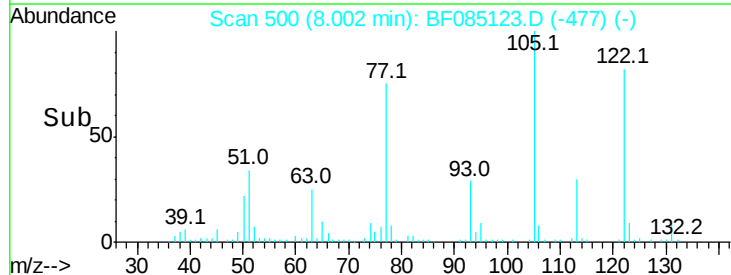
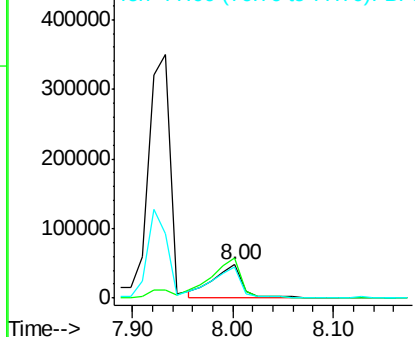


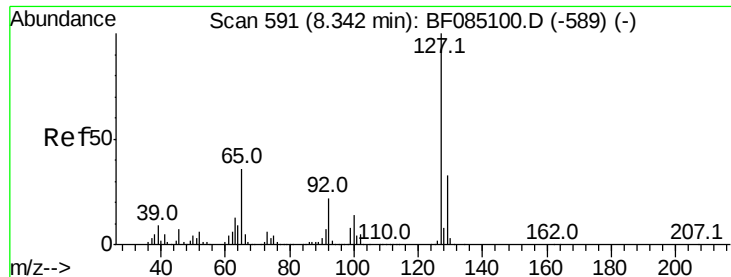
#32
Benzoic acid
Concen: 22.55 ng
RT: 8.00 min Scan# 500
Delta R.T. -0.04 min
Lab File: BF085123.D
Acq: 2 Mar 2016 17:01

Tgt Ion:122 Resp: 97465
Ion Ratio Lower Upper
122 100
105 122.7 102.0 142.0
77 95.0 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

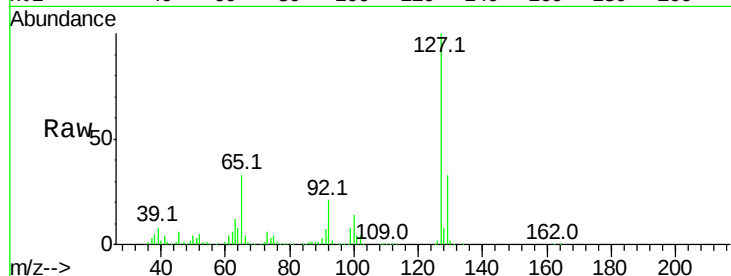




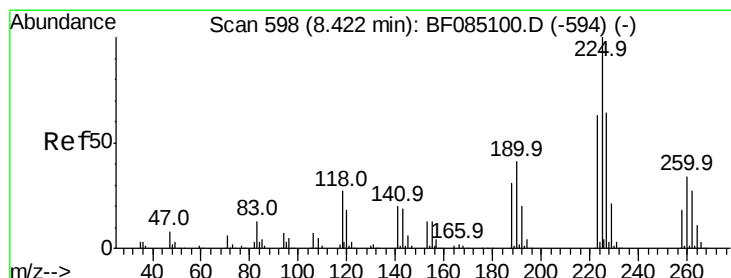
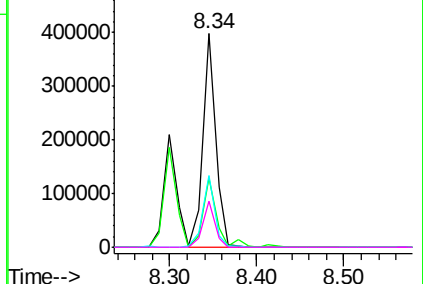
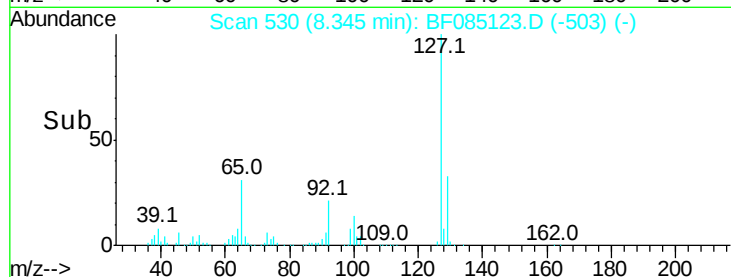
#33
4-Chloroaniline
Concen: 27.92 ng
RT: 8.34 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF085123.D
Acq: 2 Mar 2016 17:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	405819
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	33.3	28.6	43.0
92	21.3	17.8	26.8

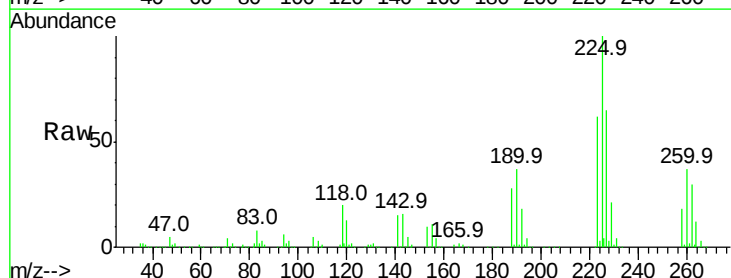


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

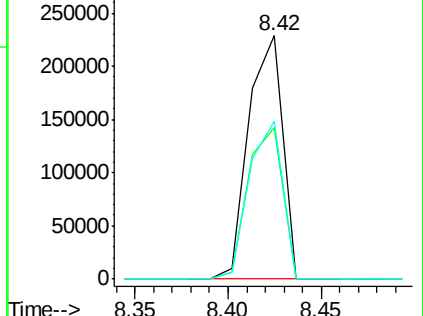
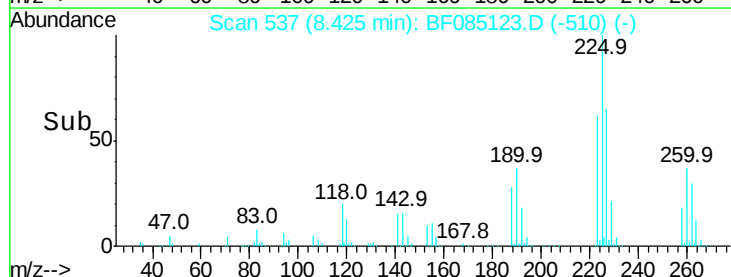


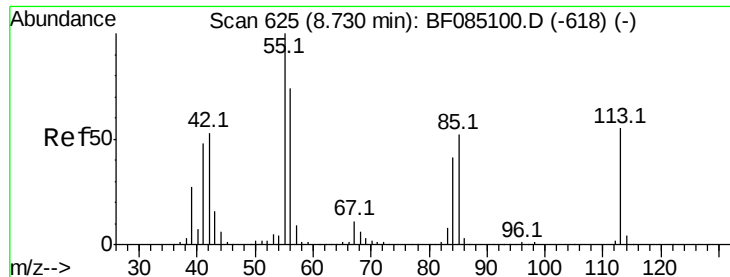
#34
Hexachlorobutadiene
Concen: 45.05 ng
RT: 8.42 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF085123.D
Acq: 2 Mar 2016 17:01

Tgt Ion:	225	Resp:	288029
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.4	75.6
227	64.7	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: 7.51 ng

RT: 8.72 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

Instrument :

BNA_F

ClientSampleId :

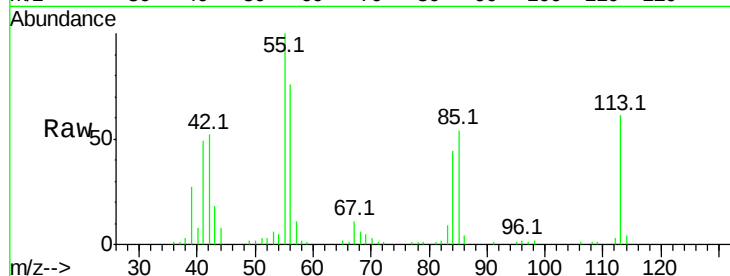
Tot Ion:113 Resp: 23817

Ion Ratio Lower Upper

113 100

55 165.0 162.9 202.9

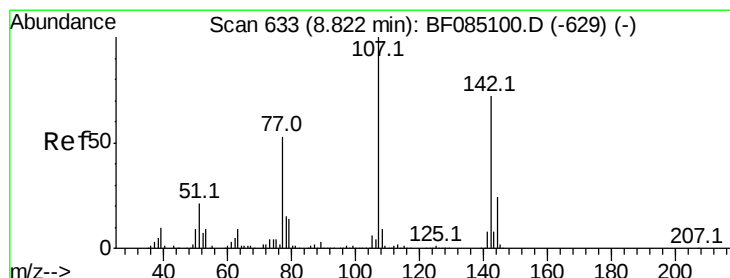
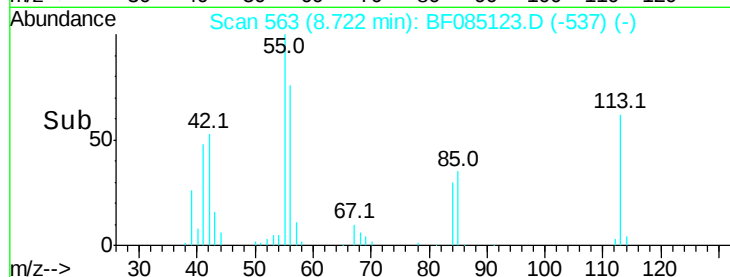
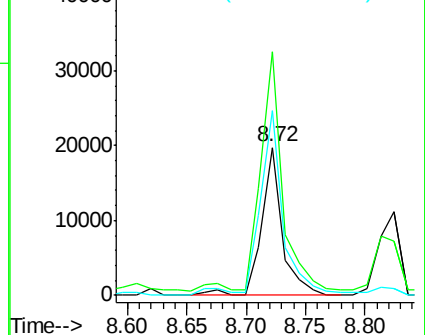
56 125.2 114.5 154.5



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: 43.49 ng

RT: 8.82 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

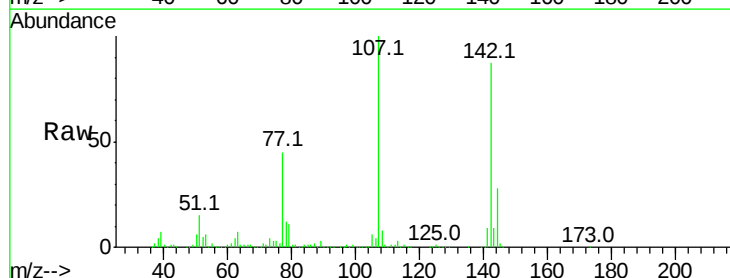
Tgt Ion:107 Resp: 486252

Ion Ratio Lower Upper

107 100

144 28.5 18.9 28.3#

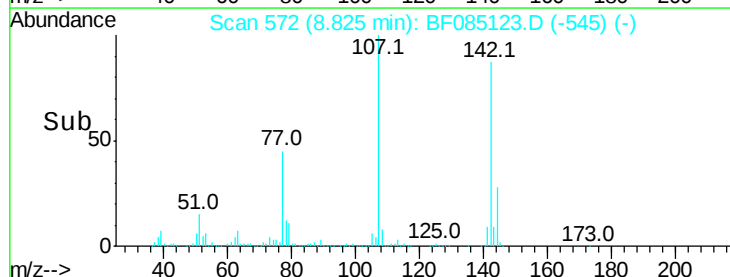
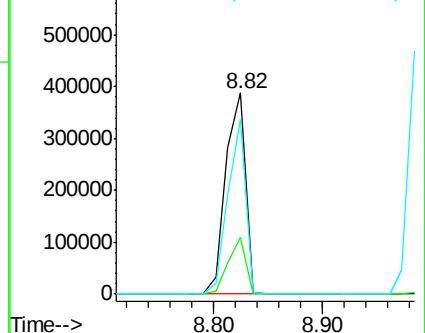
142 87.2 57.9 86.9#

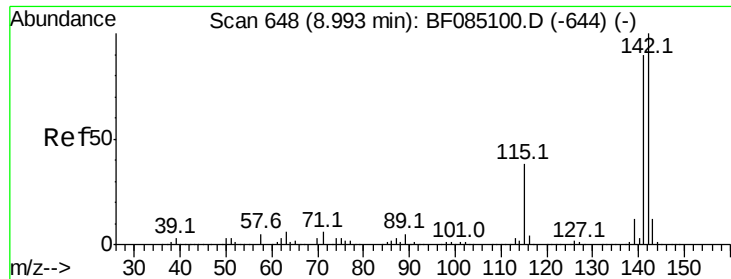


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

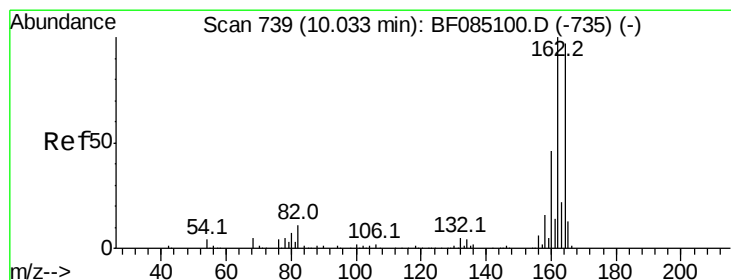
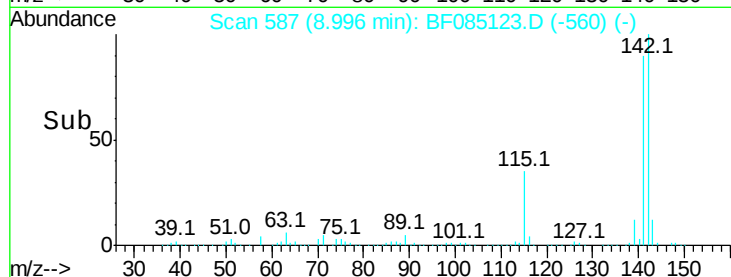
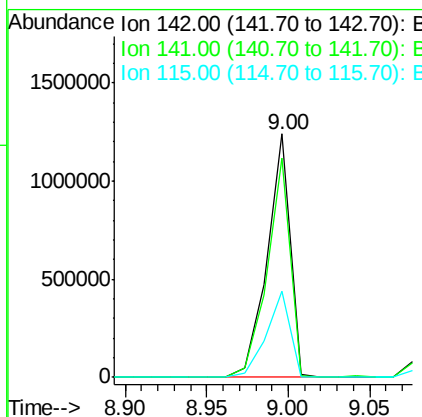
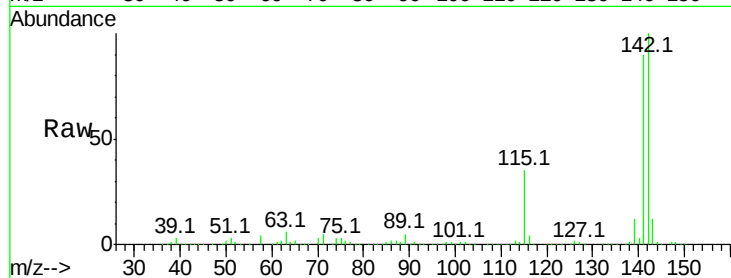




#37
2-Methylnaphthalene
Concen: 54.10 ng
RT: 9.00 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF085123.D
Acq: 2 Mar 2016 17:01

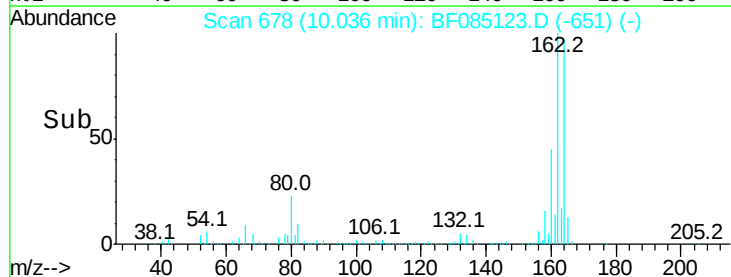
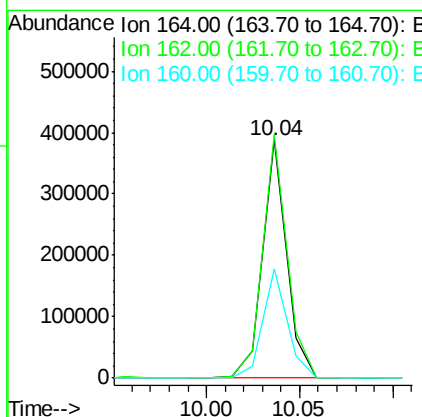
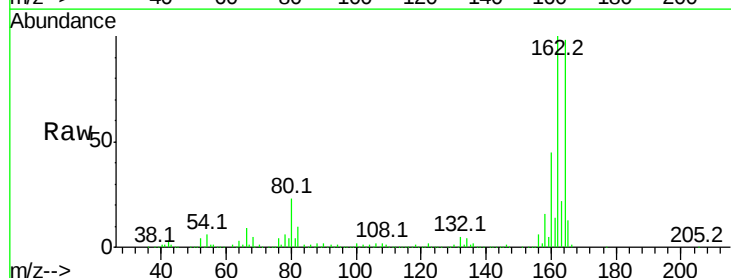
Instrument :
BNA_F
ClientSampleId :

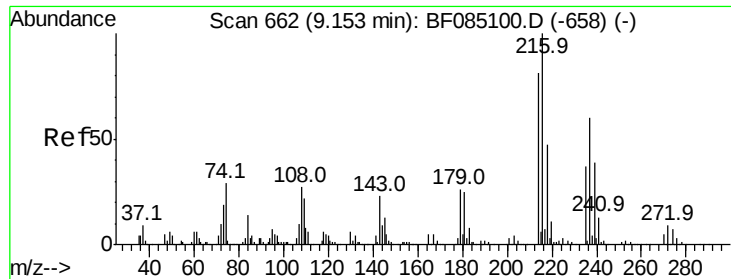
Tot Ion:142 Resp: 1216261
Ion Ratio Lower Upper
142 100
141 89.9 71.7 107.5
115 35.4 30.1 45.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF085123.D
Acq: 2 Mar 2016 17:01

Tgt Ion:164 Resp: 343315
Ion Ratio Lower Upper
164 100
162 102.2 82.6 123.8
160 46.1 38.2 57.2

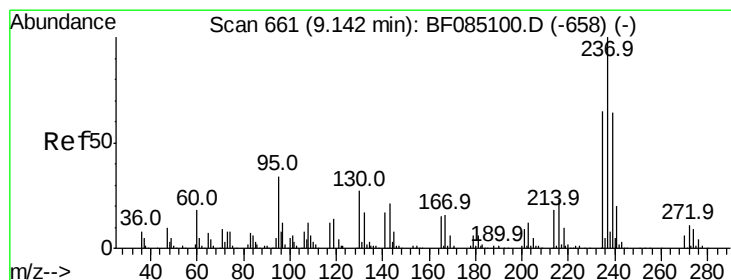
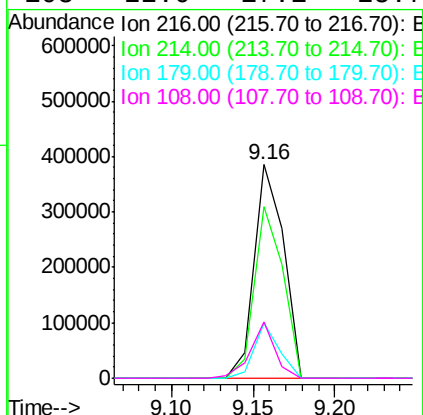
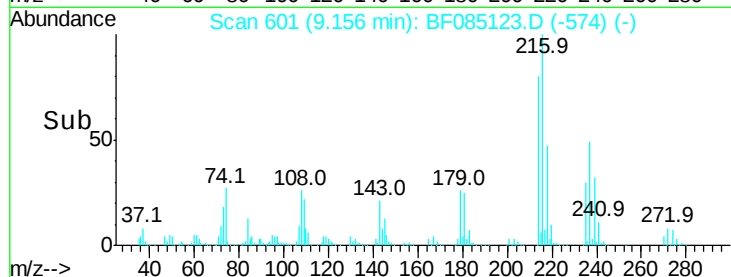
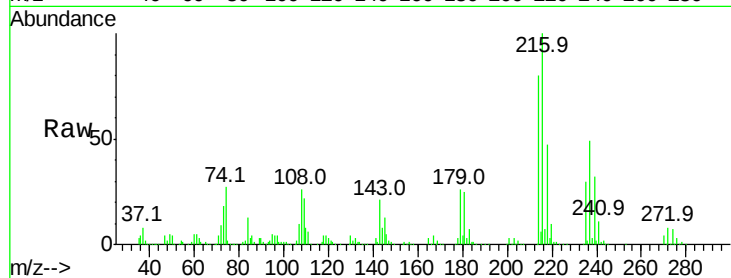




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.57 ng
 RT: 9.16 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF085123.D
 Acq: 2 Mar 2016 17:01

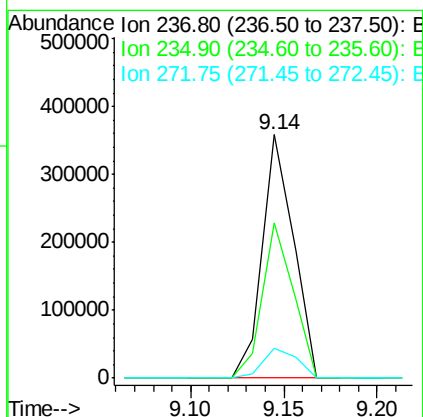
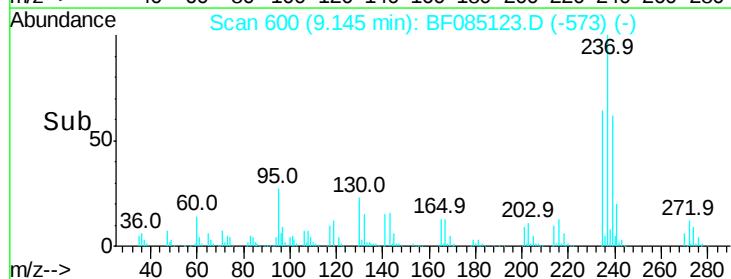
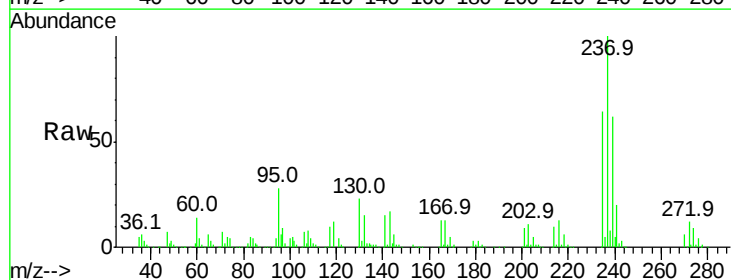
Instrument :
 BNA_F
 ClientSampleId :

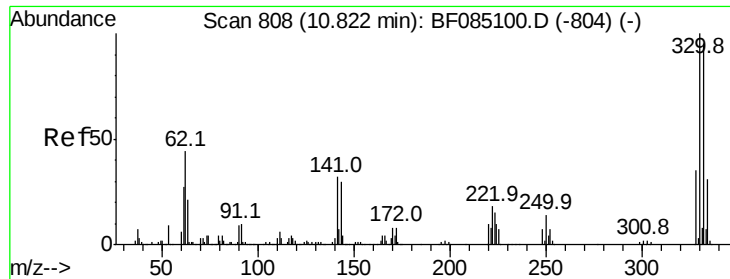
Tot Ion:	216	Resp:	481805
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.7	95.5
179	22.2	18.1	27.1
108	22.0	17.1	25.7



#40
 Hexachlorocyclopentadiene
 Concen: 68.73 ng
 RT: 9.14 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF085123.D
 Acq: 2 Mar 2016 17:01

Tgt Ion:	237	Resp:	413700
Ion	Ratio	Lower	Upper
237	100		
235	63.7	45.3	85.3
272	12.2	0.0	31.2

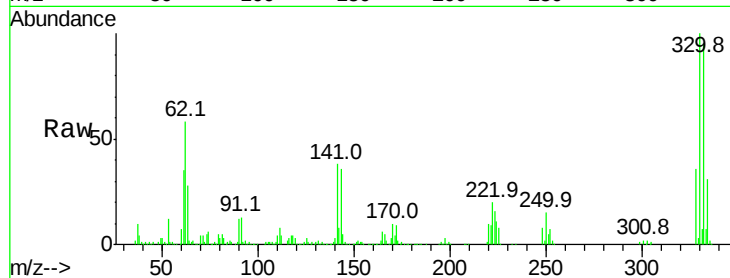




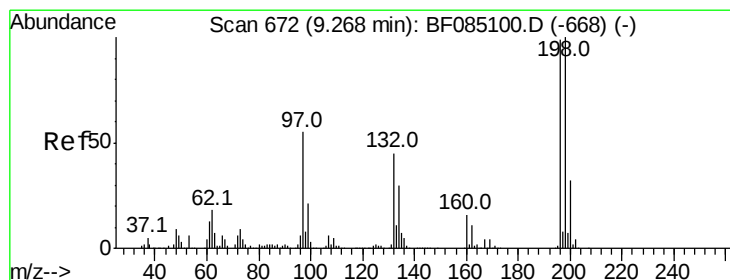
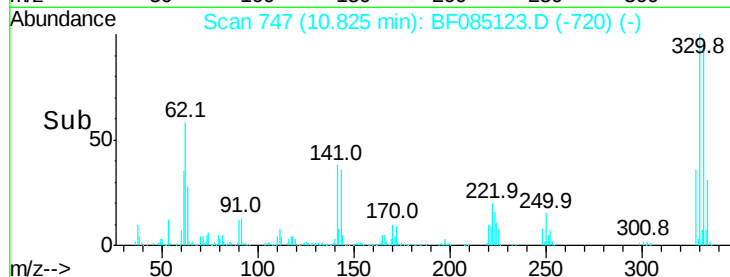
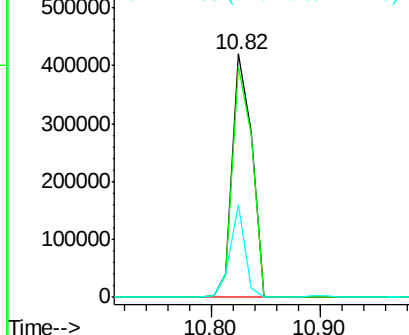
#41
 2,4,6-Tribromophenol
 Concen: 150.03 ng
 RT: 10.82 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF085123.D
 Acq: 2 Mar 2016 17:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 517614
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.9 113.9
 141 28.9 28.9 43.3#

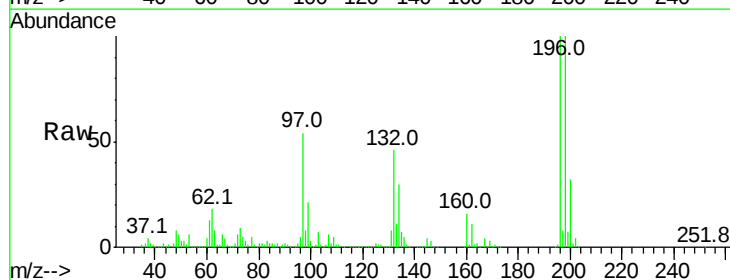


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

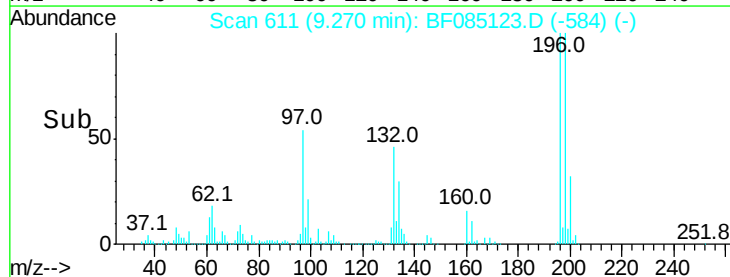
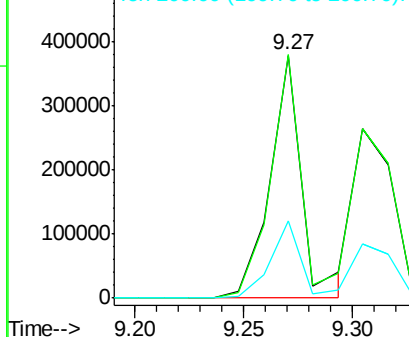


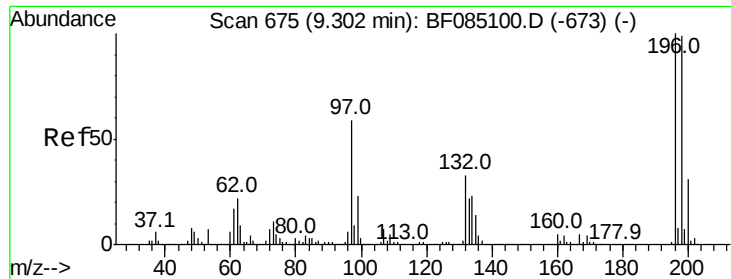
#42
 2,4,6-Trichlorophenol
 Concen: 54.63 ng
 RT: 9.27 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF085123.D
 Acq: 2 Mar 2016 17:01

Tgt Ion:196 Resp: 388898
 Ion Ratio Lower Upper
 196 100
 198 100.5 80.4 120.6
 200 31.9 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

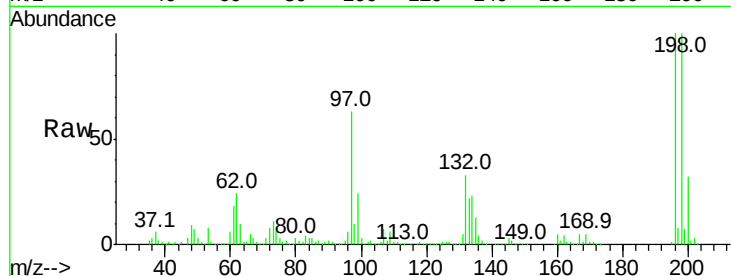




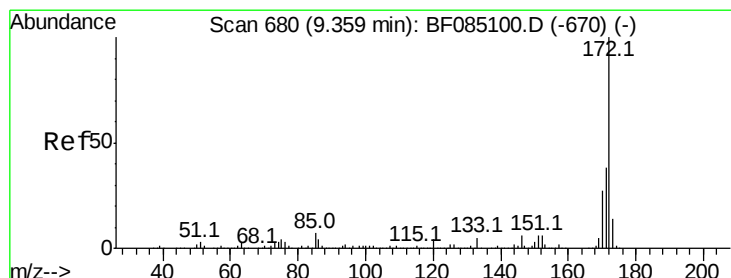
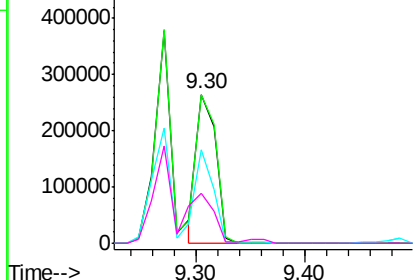
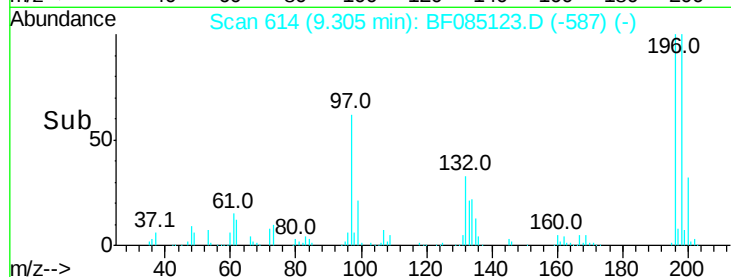
#43
 2,4,5-Trichlorophenol
 Concen: 48.91 ng
 RT: 9.30 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF085123.D
 Acq: 2 Mar 2016 17:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 333629
 Ion Ratio Lower Upper
 196 100
 198 99.9 79.5 119.3
 97 62.9 47.3 70.9
 132 33.5 26.5 39.7

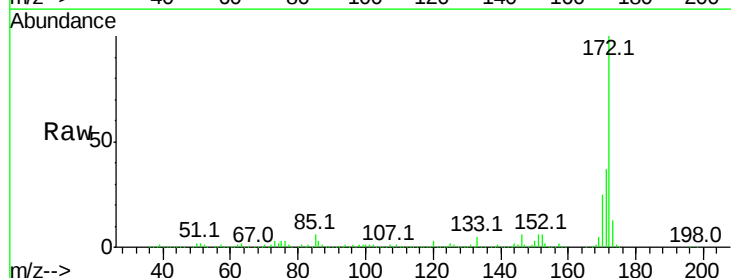


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

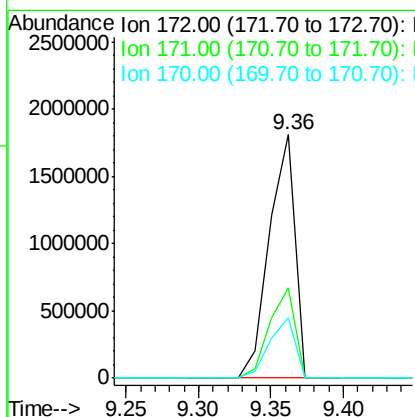
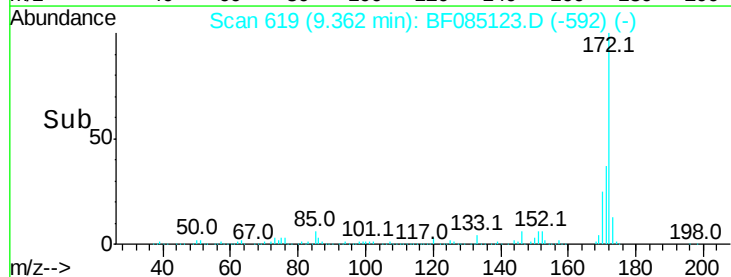


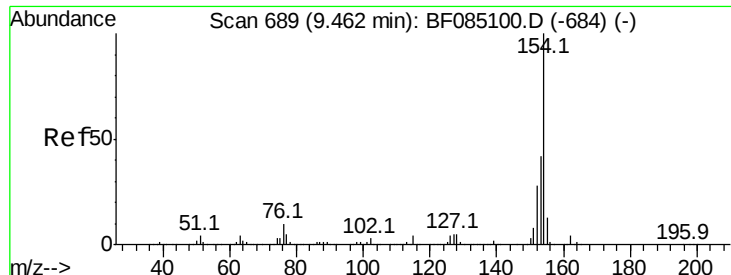
#44
 2-Fluorobiphenyl
 Concen: 95.53 ng
 RT: 9.36 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF085123.D
 Acq: 2 Mar 2016 17:01

Tgt Ion:172 Resp: 2226987
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.5 45.7
 170 25.1 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: 45.06 ng

RT: 9.45 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

Instrument :

BNA_F

ClientSampleId :

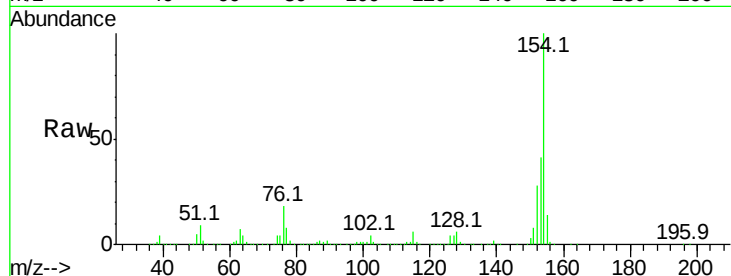
Tot Ion:154 Resp: 1373218

Ion Ratio Lower Upper

154 100

153 41.4 21.5 61.5

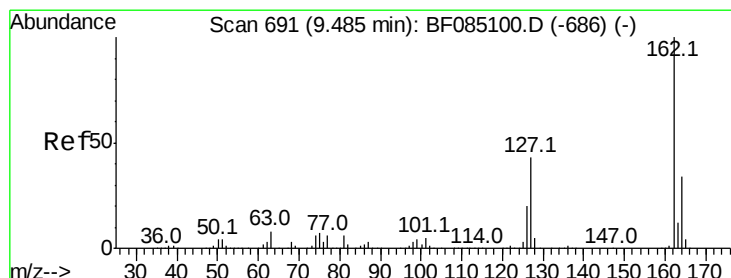
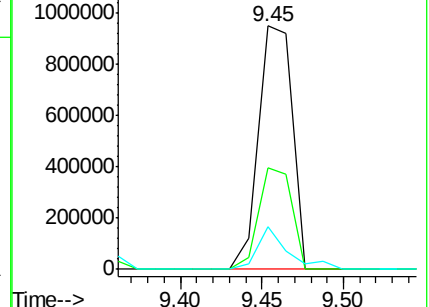
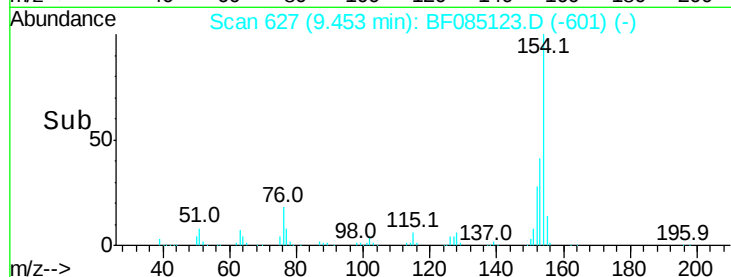
76 17.8 0.0 29.7



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: 50.63 ng

RT: 9.49 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

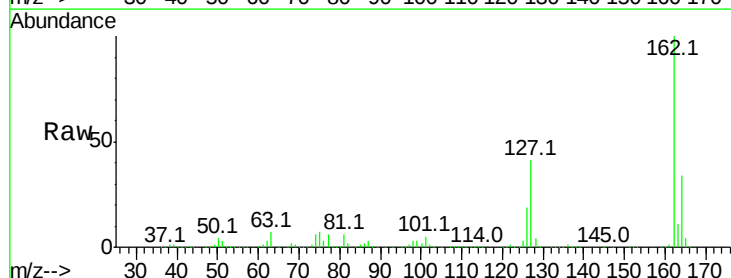
Tgt Ion:162 Resp: 1125337

Ion Ratio Lower Upper

162 100

127 40.8 34.2 51.4

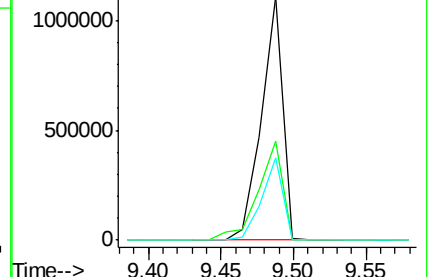
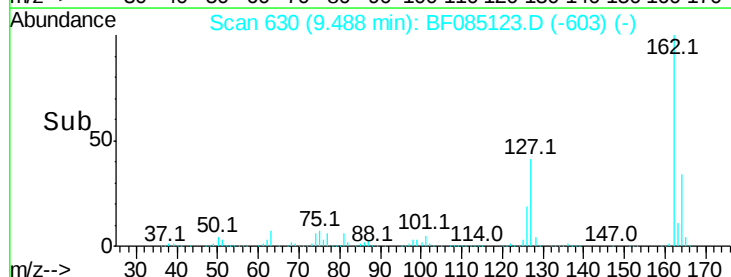
164 33.6 27.2 40.8

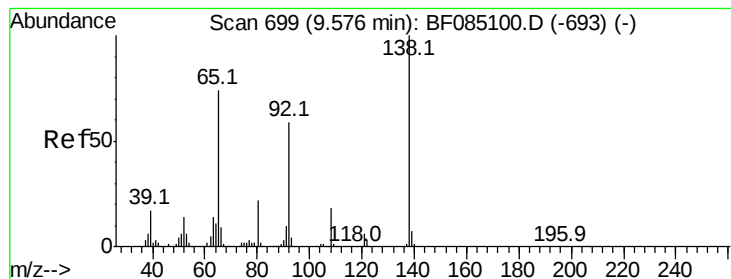


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 53.23 ng

RT: 9.58 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

Instrument :

BNA_F

ClientSampleId :

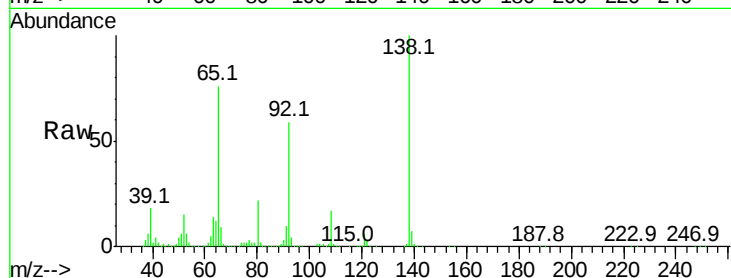
Tot Ion: 65 Resp: 371427

Ion	Ratio	Lower	Upper
65	100		
92	77.3	63.8	95.6
138	131.7	108.5	162.7

65 100

92 77.3 63.8 95.6

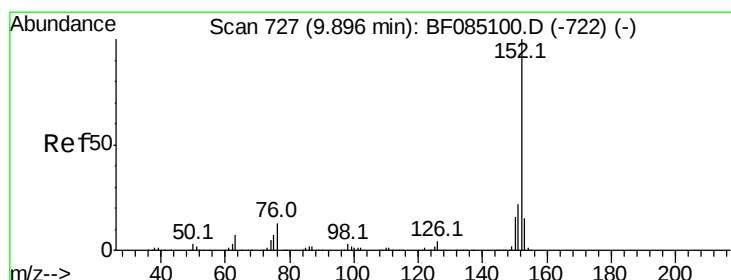
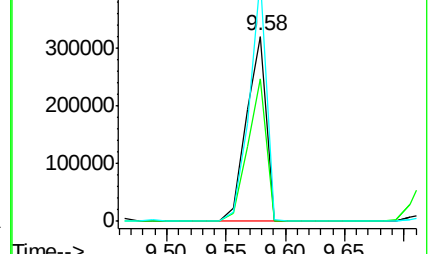
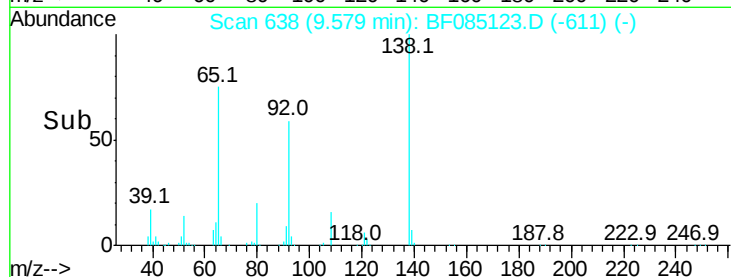
138 131.7 108.5 162.7



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: 46.62 ng

RT: 9.90 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

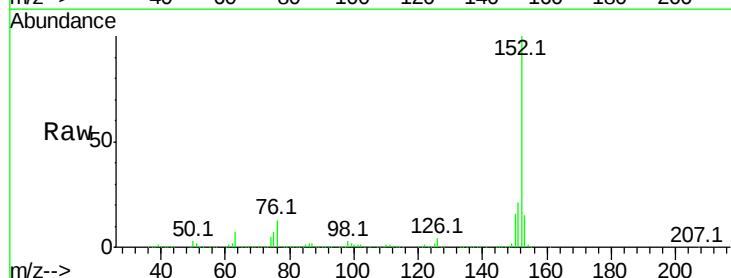
Tgt Ion:152 Resp: 1540016

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.4	26.0
153	14.6	12.0	18.0

152 100

151 21.4 17.4 26.0

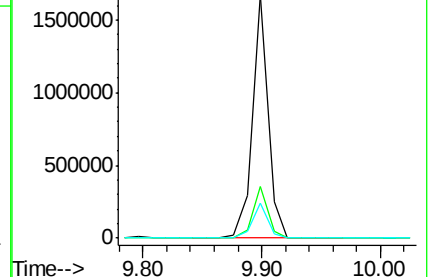
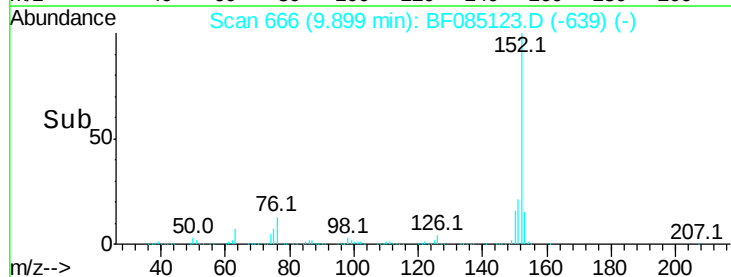
153 14.6 12.0 18.0

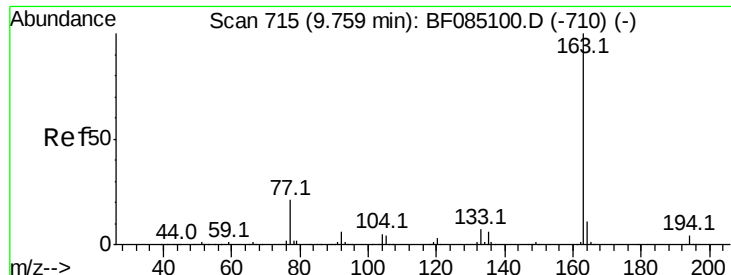


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

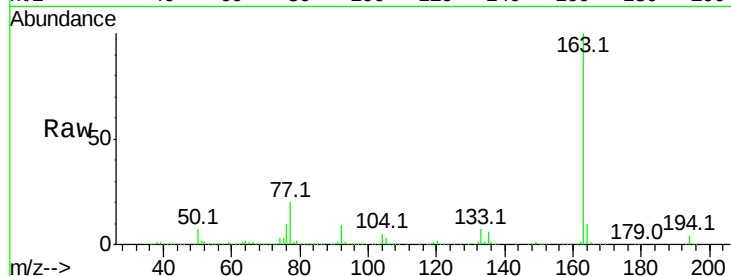




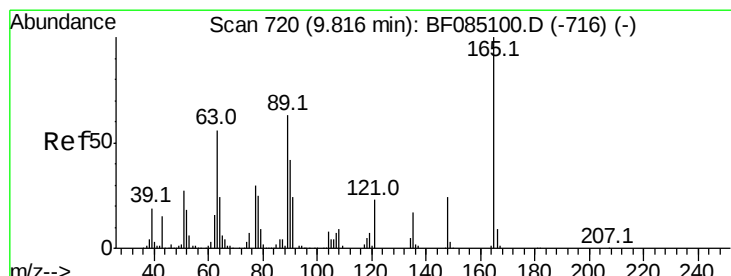
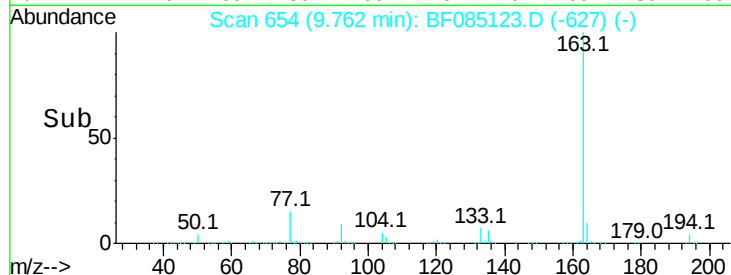
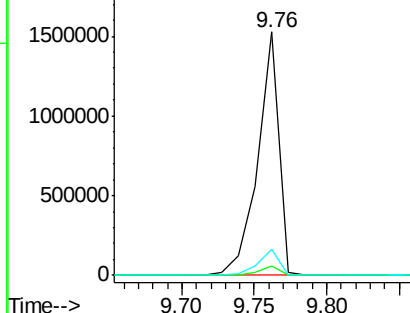
#49
Dimethylphthalate
Concen: 60.42 ng
RT: 9.76 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF085123.D
Acq: 2 Mar 2016 17:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1537890
Ion Ratio Lower Upper
163 100
194 3.9 2.9 4.3
164 10.4 8.6 12.8

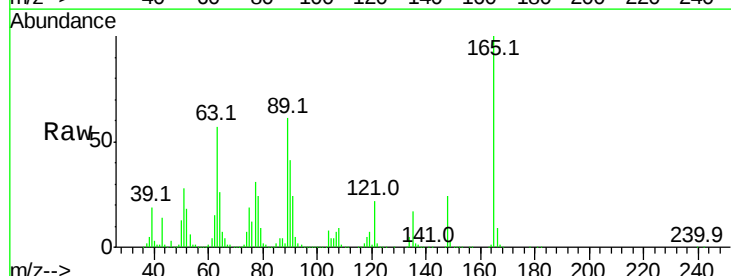


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

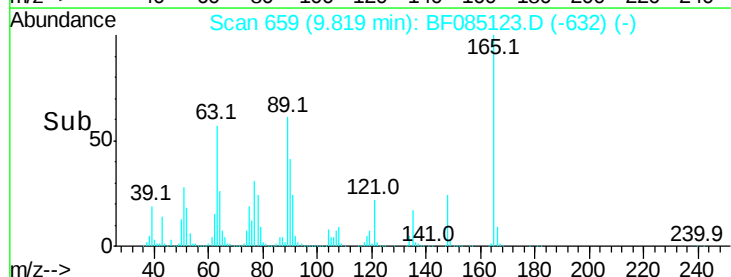
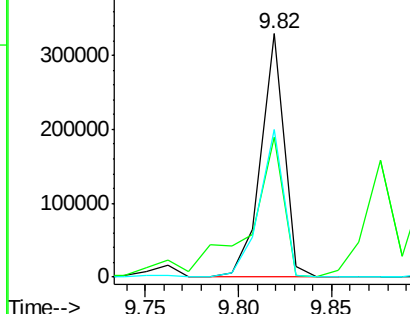


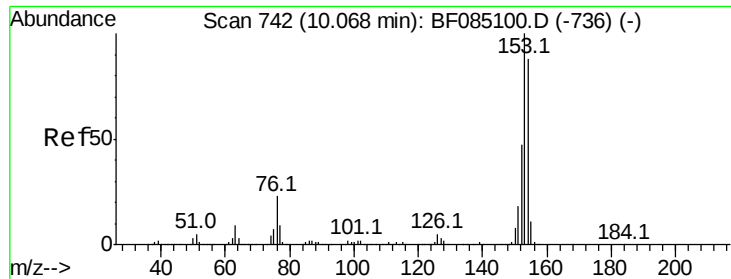
#50
2,6-Dinitrotoluene
Concen: 53.98 ng
RT: 9.82 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF085123.D
Acq: 2 Mar 2016 17:01

Tgt Ion:165 Resp: 284953
Ion Ratio Lower Upper
165 100
63 57.4 47.4 71.2
89 60.8 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: 51.64 ng

RT: 10.07 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

Instrument :

BNA_F

ClientSampleId :

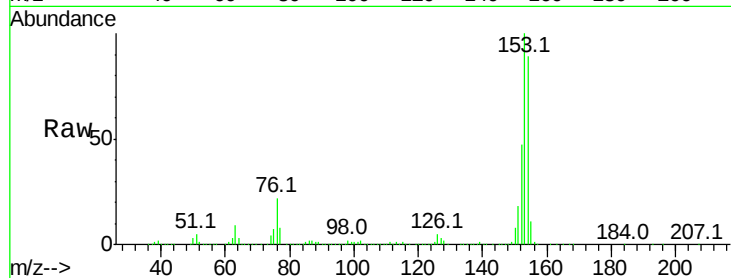
Tot Ion:154 Resp: 1070960

Ion Ratio Lower Upper

154 100

153 112.4 91.0 136.6

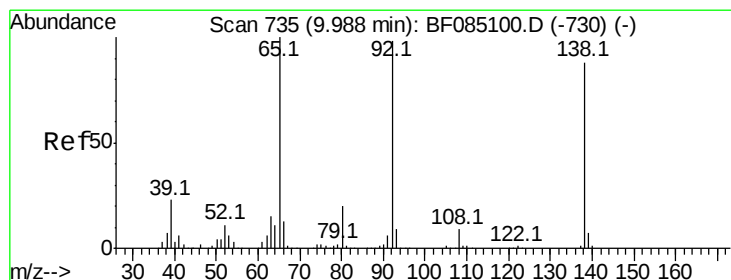
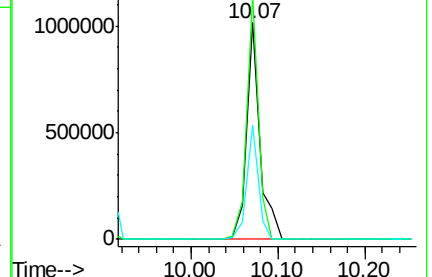
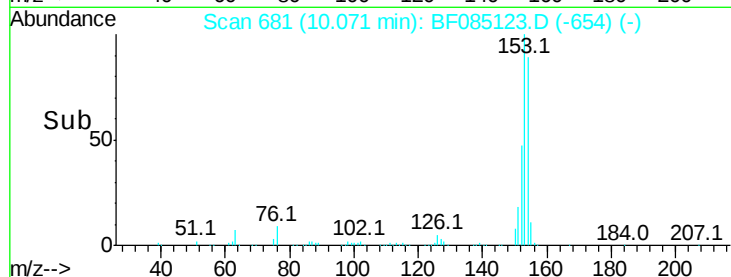
152 52.8 43.0 64.6



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: 21.66 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

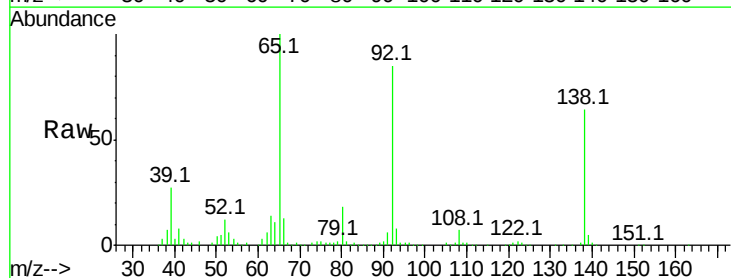
Tgt Ion:138 Resp: 135848

Ion Ratio Lower Upper

138 100

108 11.0 8.2 12.2

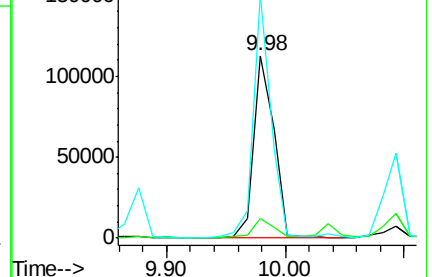
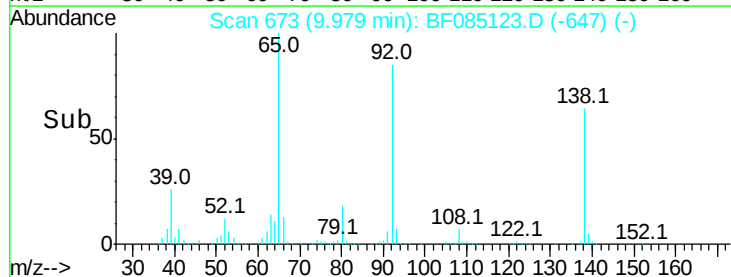
92 133.3 89.0 133.6

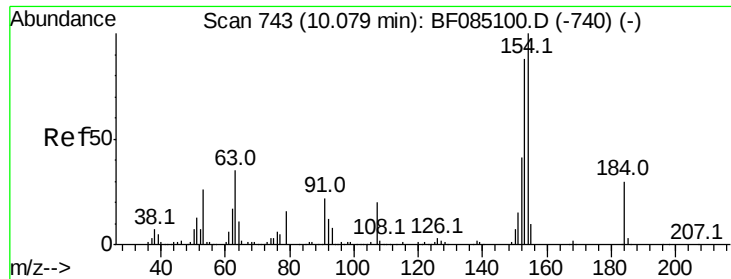


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 81.01 ng

RT: 10.09 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

Instrument :

BNA_F

ClientSampled :

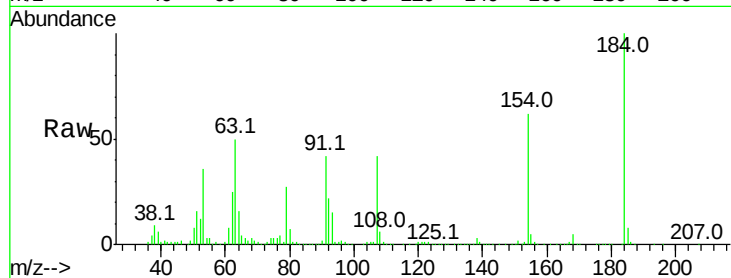
Tot Ion:184 Resp: 215758

Ion Ratio Lower Upper

184 100

63 50.1 94.0 141.0#

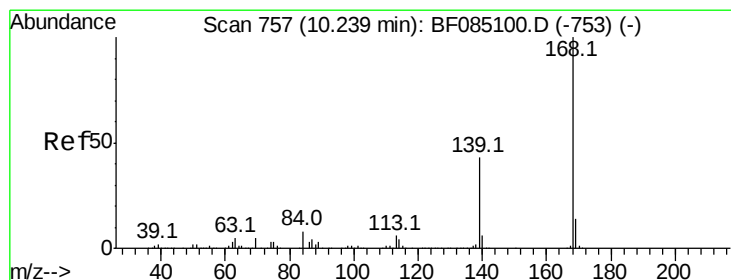
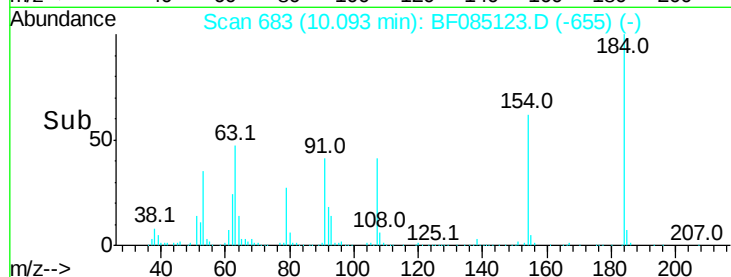
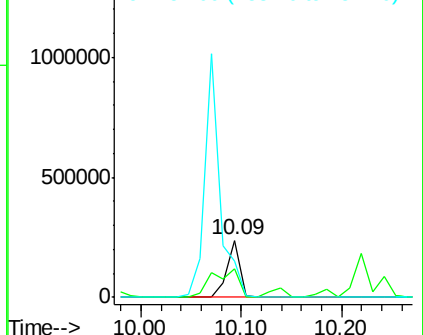
154 62.4 269.8 404.8#



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: 51.40 ng

RT: 10.24 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

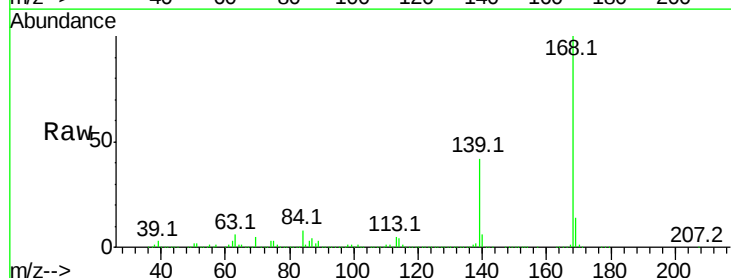
Tgt Ion:168 Resp: 1383841

Ion Ratio Lower Upper

168 100

139 41.7 34.2 51.2

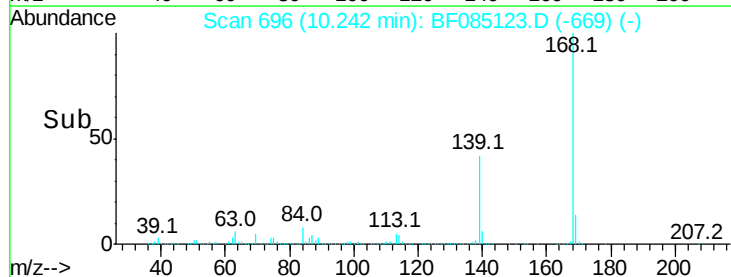
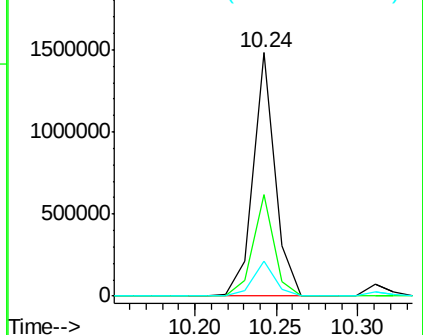
169 14.1 11.4 17.2

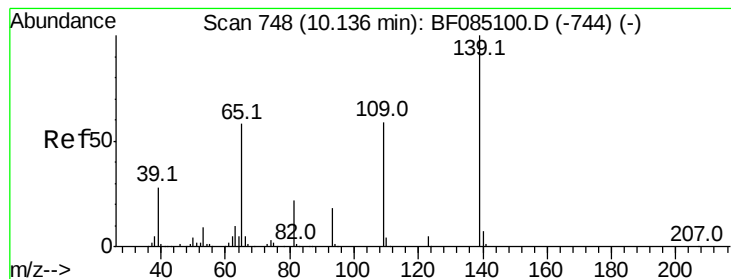


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 33.26 ng

RT: 10.14 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

Instrument :

BNA_F

ClientSampleId :

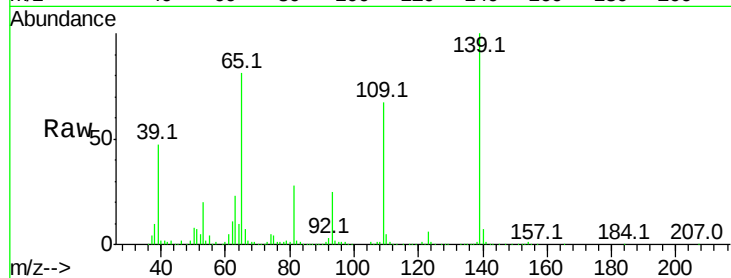
Tot Ion:139 Resp: 160009

Ion Ratio Lower Upper

139 100

109 66.9 39.5 79.5

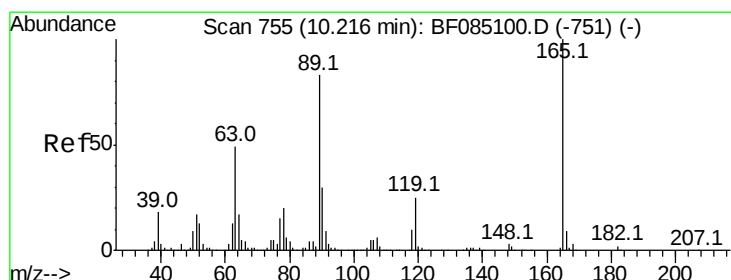
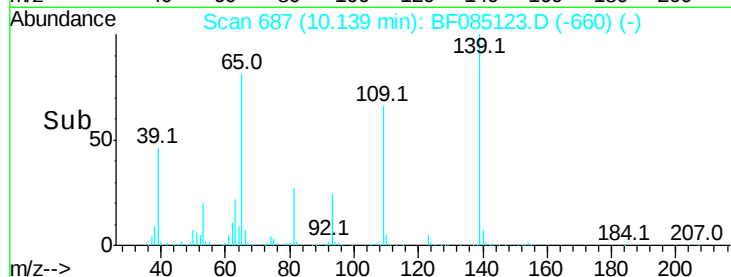
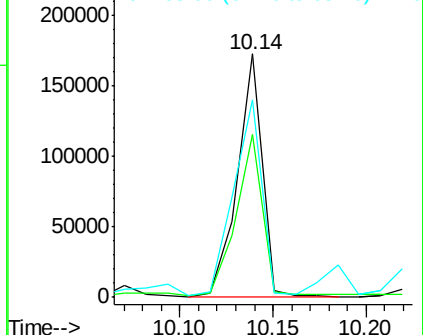
65 81.0 38.4 78.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 47.98 ng

RT: 10.22 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

Tgt Ion:165 Resp: 341294

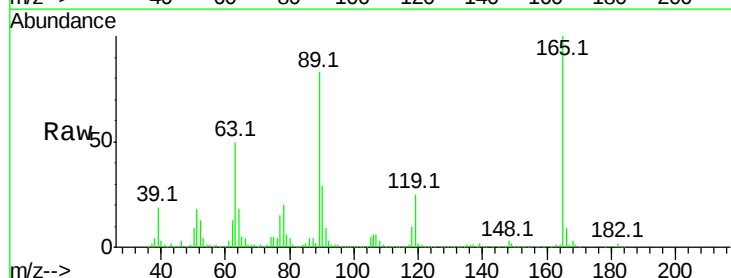
Ion Ratio Lower Upper

165 100

63 50.3 39.2 58.8

89 83.0 66.2 99.4

182 2.3 1.8 2.8

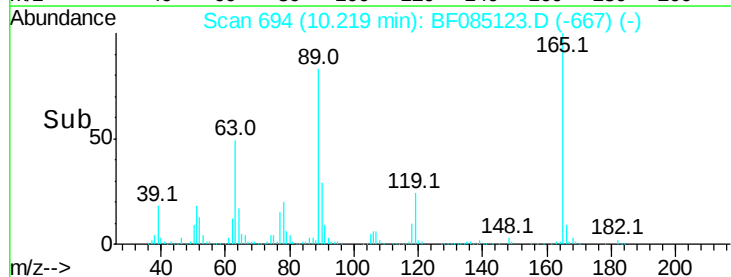
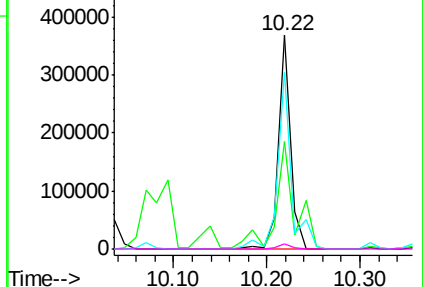


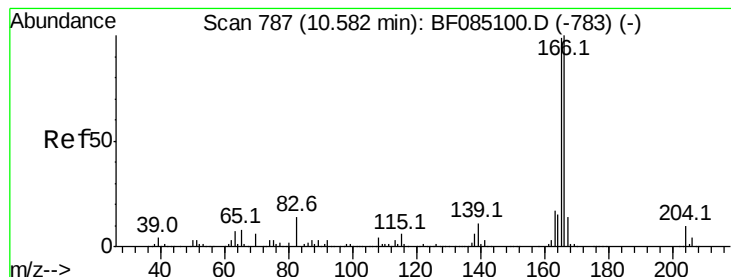
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 49.17 ng

RT: 10.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

Instrument :

BNA_F

ClientSampled :

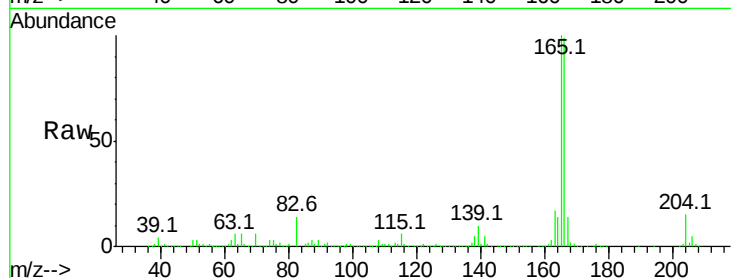
Tot Ion:166 Resp: 1041155

Ion Ratio Lower Upper

166 100

165 101.2 79.4 119.2

167 13.9 11.2 16.8

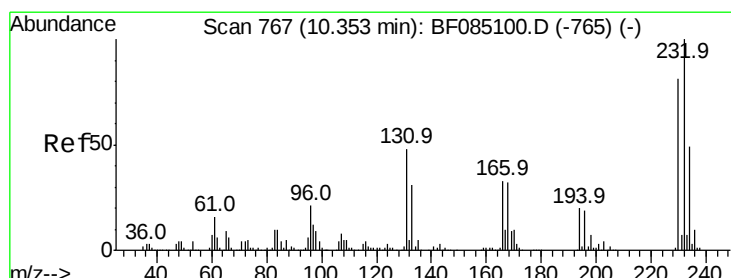
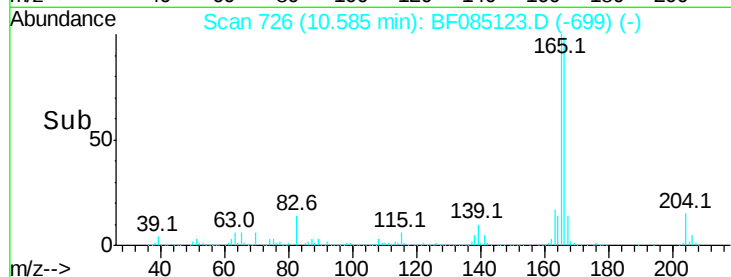
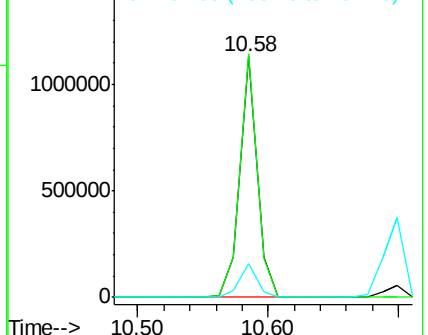


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.01 ng

RT: 10.36 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

Tgt Ion:232 Resp: 289431

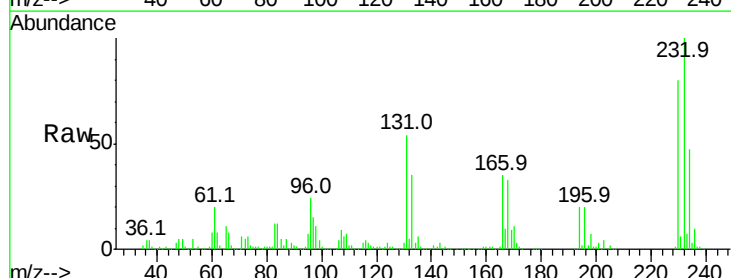
Ion Ratio Lower Upper

232 100

131 51.3 41.6 62.4

130 2.8 2.1 3.1

166 32.5 26.8 40.2



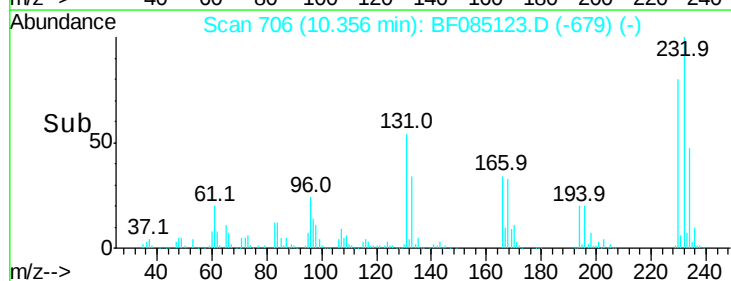
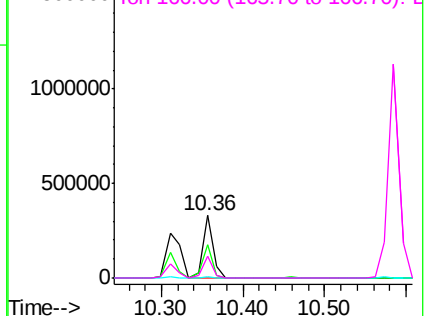
Abundance

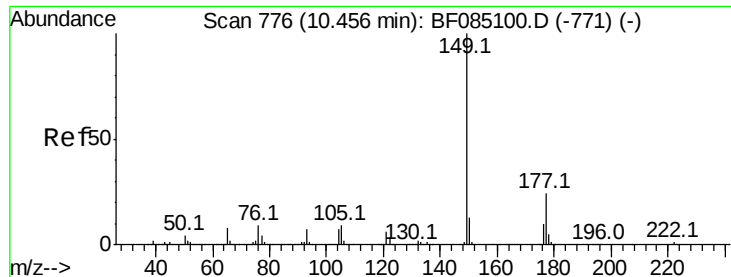
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

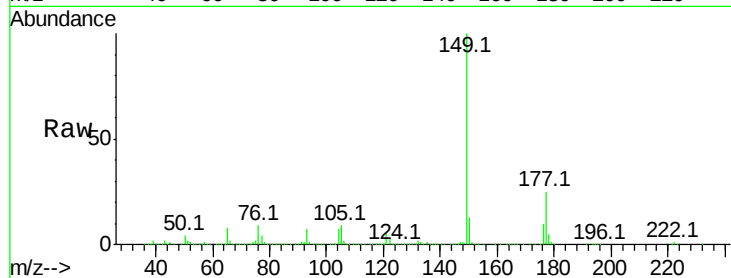




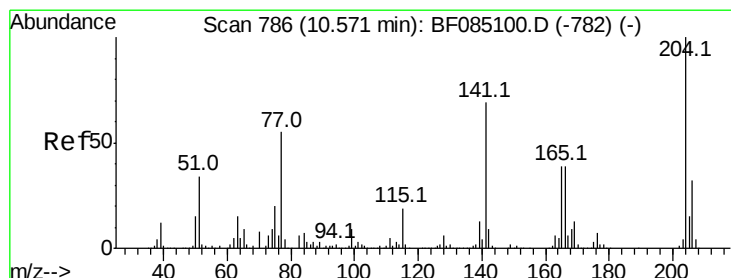
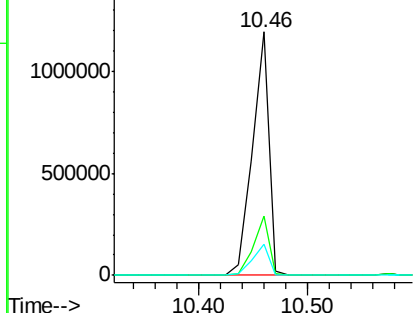
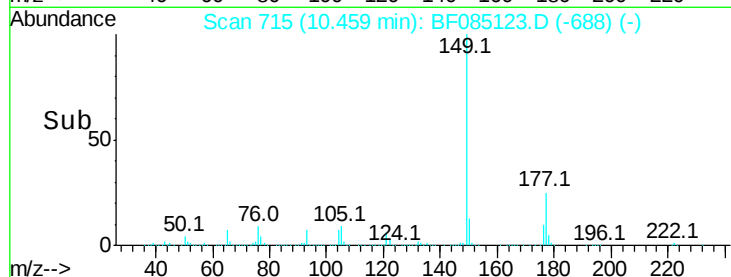
#59
Diethylphthalate
Concen: 51.55 ng
RT: 10.46 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF085123.D
Acq: 2 Mar 2016 17:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1257486
Ion Ratio Lower Upper
149 100
177 24.5 19.4 29.2
150 12.6 10.1 15.1

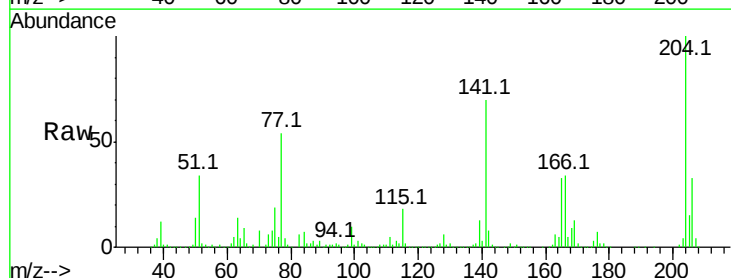


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

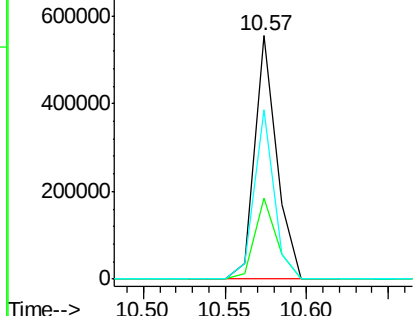
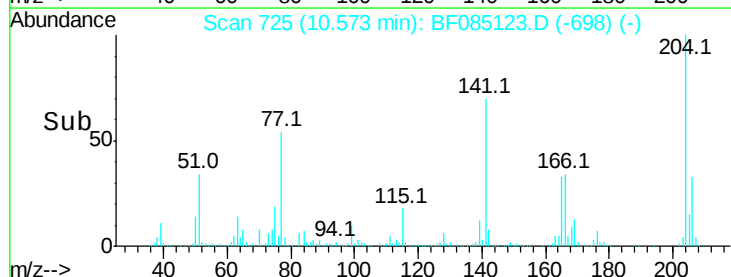


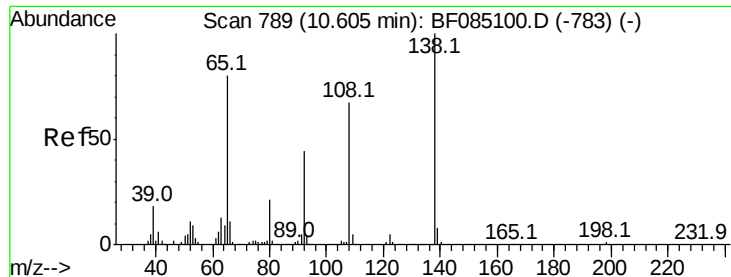
#60
4-Chlorophenyl-phenylether
Concen: 47.81 ng
RT: 10.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF085123.D
Acq: 2 Mar 2016 17:01

Tgt Ion:204 Resp: 521707
Ion Ratio Lower Upper
204 100
206 33.4 25.7 38.5
141 69.8 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

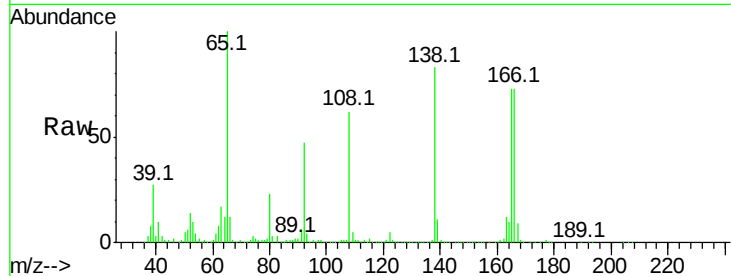




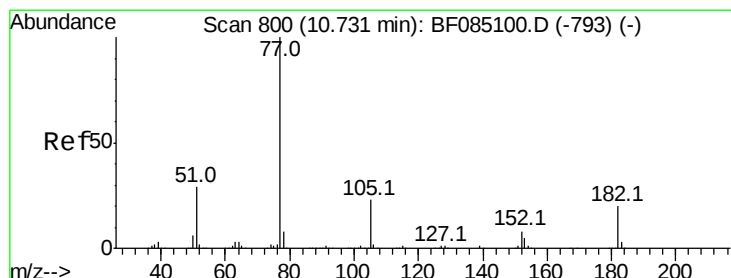
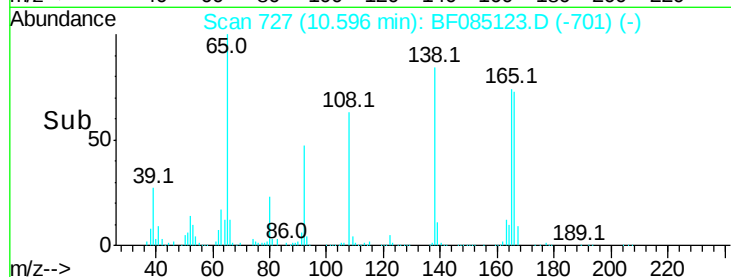
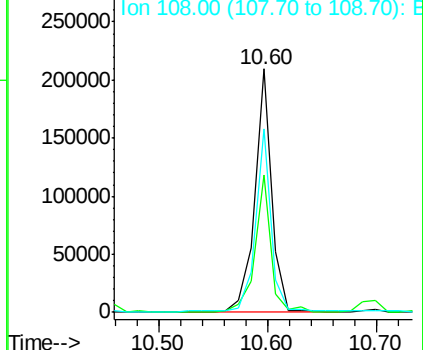
#61
4-Nitroaniline
Concen: 38.62 ng
RT: 10.60 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF085123.D
Acq: 2 Mar 2016 17:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 227005
Ion Ratio Lower Upper
138 100
92 56.2 23.5 63.5
108 75.2 46.8 86.8

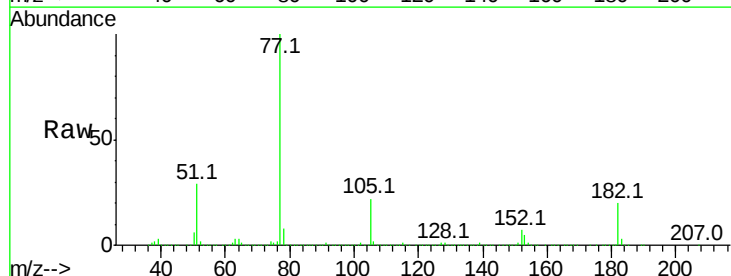


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

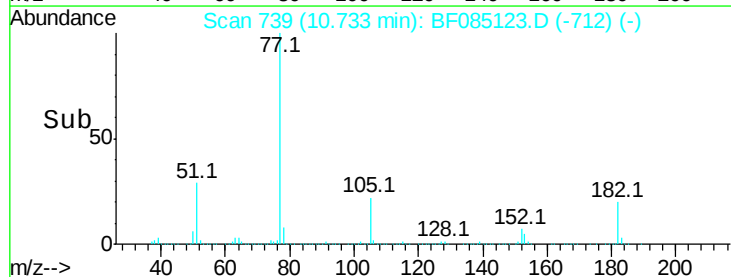
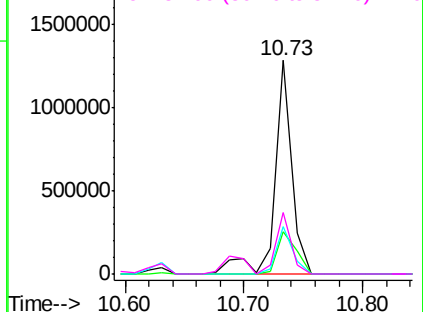


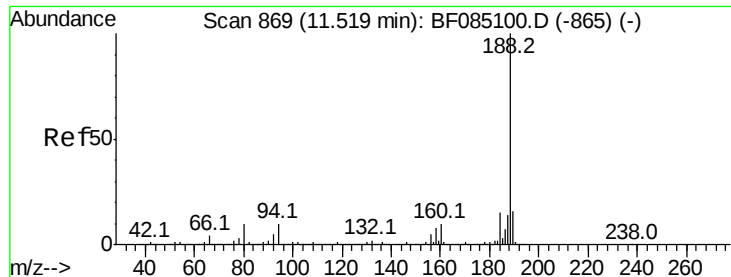
#62
Azobenzene
Concen: 52.14 ng
RT: 10.73 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF085123.D
Acq: 2 Mar 2016 17:01

Tgt Ion: 77 Resp: 1285038
Ion Ratio Lower Upper
77 100
182 19.8 0.0 39.8
105 22.4 2.7 42.7
51 29.1 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: BF085123.D

Acq: 2 Mar 2016 17:01

Instrument :

BNA_F

ClientSampleId :

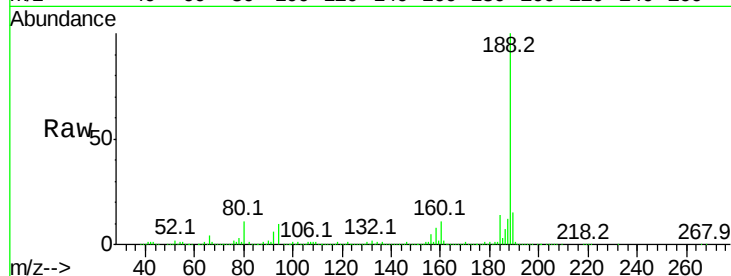
Tot Ion:188 Resp: 584191

Ion Ratio Lower Upper

188 100

94 10.1 7.8 11.6

80 11.0 8.2 12.4

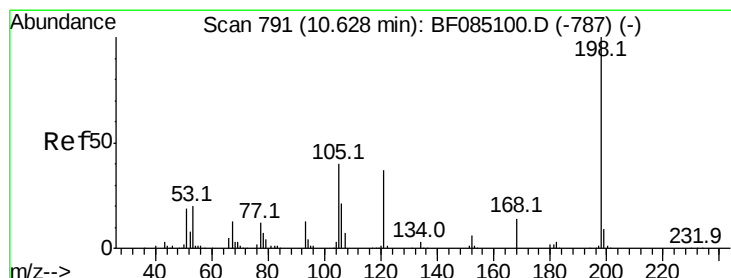
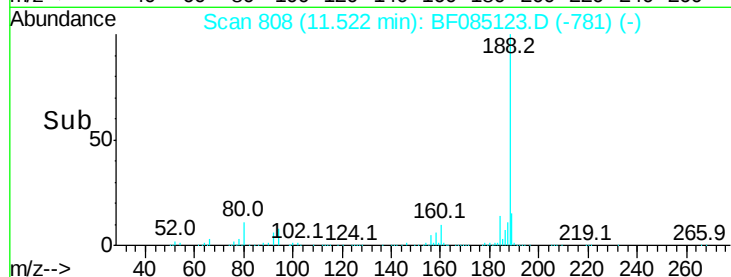
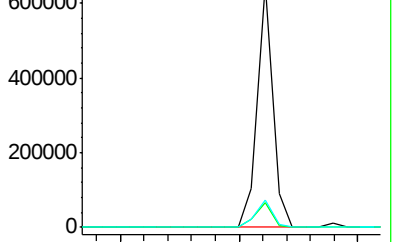


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

11.52



#64

4,6-Dinitro-2-methylphenol

Concen: 45.02 ng

RT: 10.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

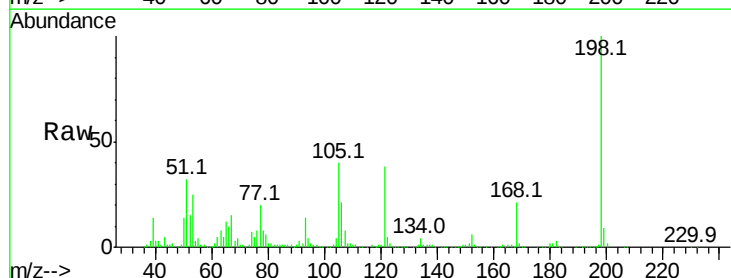
Tgt Ion:198 Resp: 156214

Ion Ratio Lower Upper

198 100

51 32.3 12.5 52.5

105 40.0 20.2 60.2

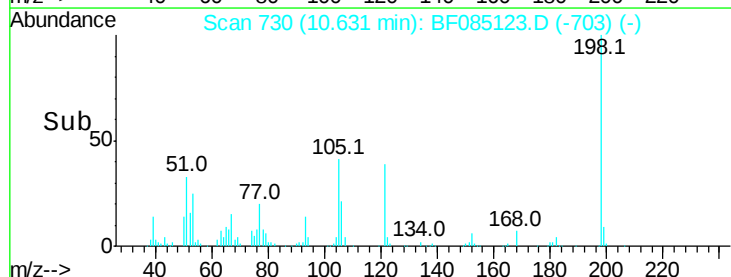
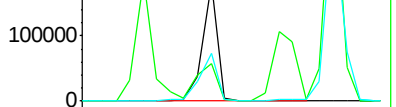


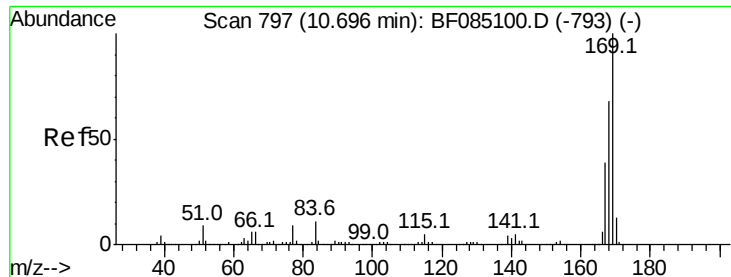
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

10.63





#65

n-Nitrosodiphenylamine

Concen: 58.06 ng

RT: 10.70 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

Instrument :

BNA_F

ClientSampleId :

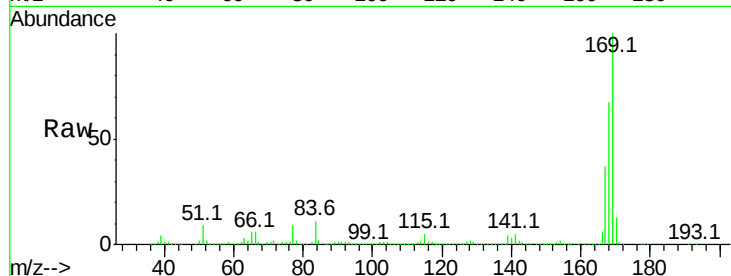
Tot Ion:169 Resp: 1068981

Ion Ratio Lower Upper

169 100

168 67.2 54.6 81.8

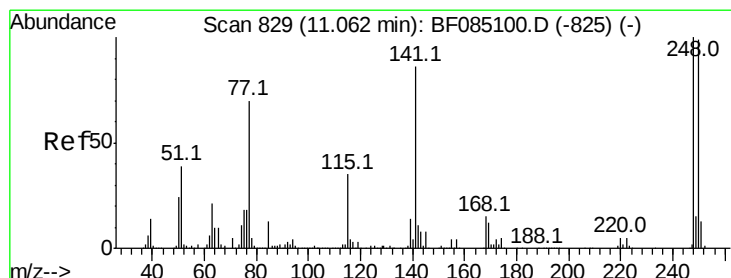
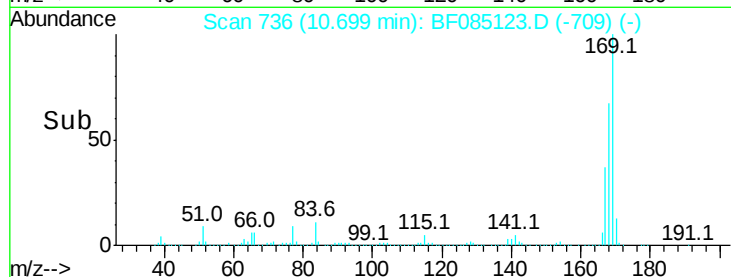
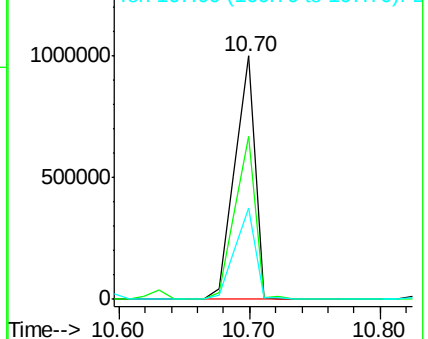
167 37.4 30.8 46.2



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: 53.23 ng

RT: 11.06 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

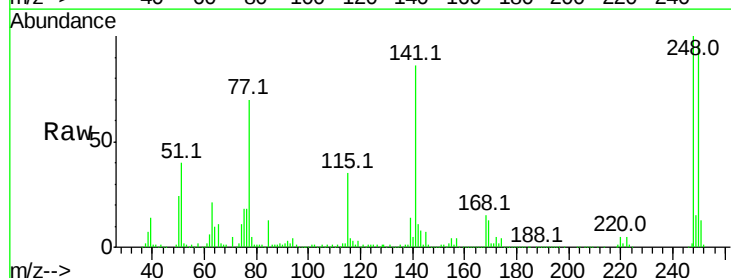
Tgt Ion:248 Resp: 326512

Ion Ratio Lower Upper

248 100

250 96.1 79.0 118.4

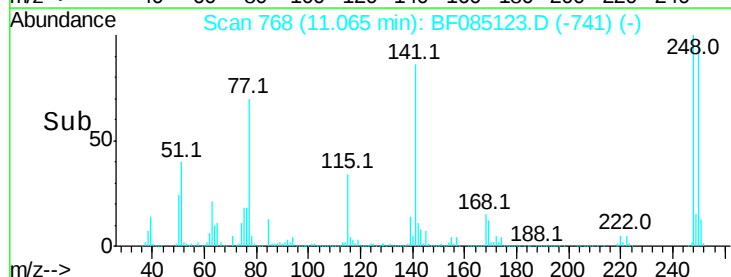
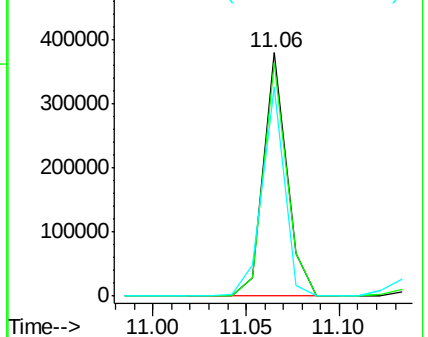
141 85.8 68.6 103.0

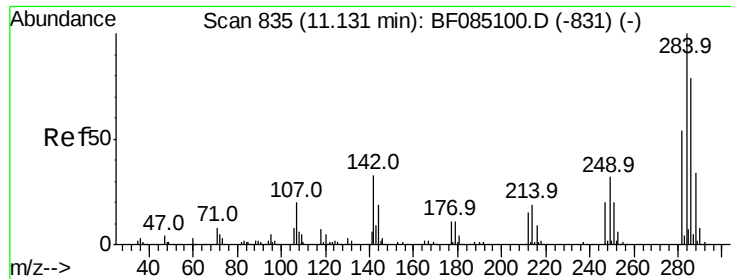


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

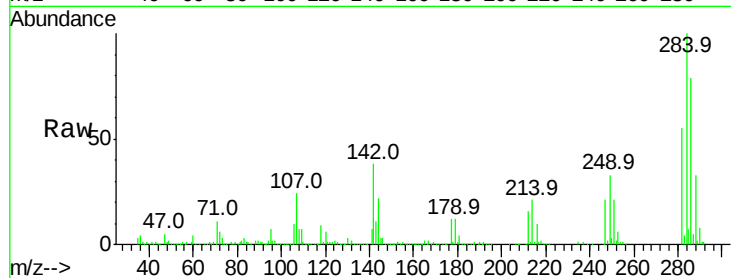




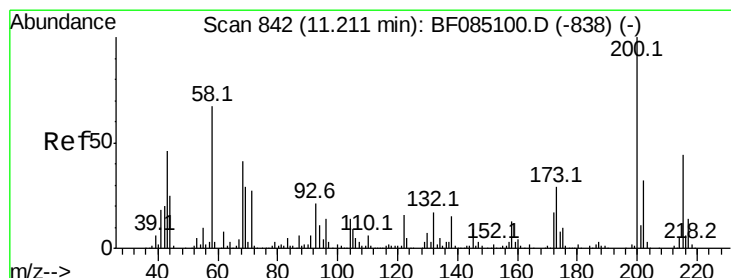
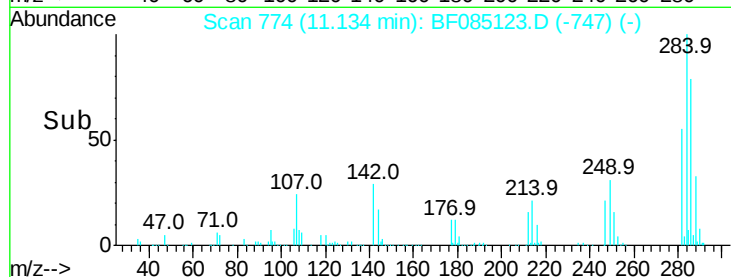
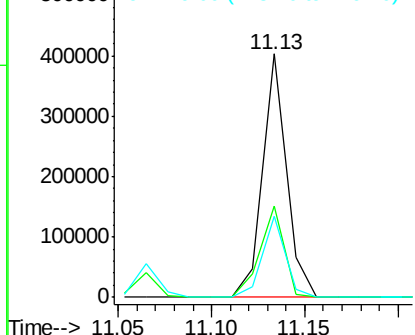
#67
Hexachlorobenzene
Concen: 51.42 ng
RT: 11.13 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF085123.D
Acq: 2 Mar 2016 17:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 356044
Ion Ratio Lower Upper
284 100
142 37.6 26.3 39.5
249 33.3 25.8 38.6

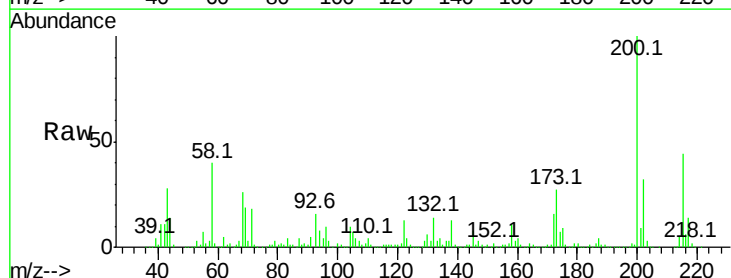


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

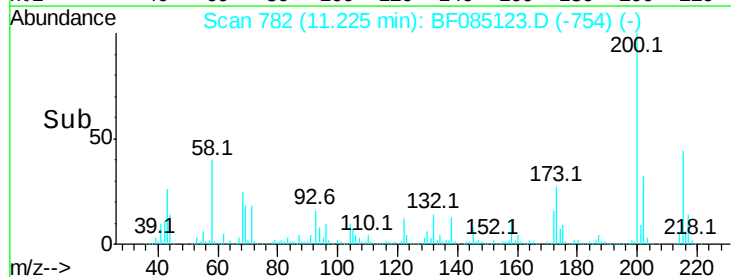
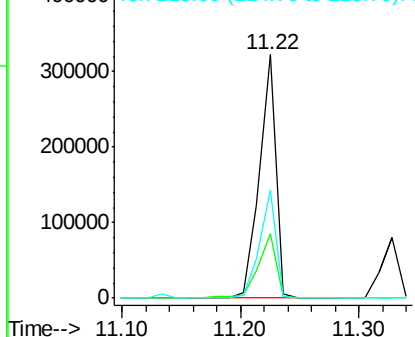


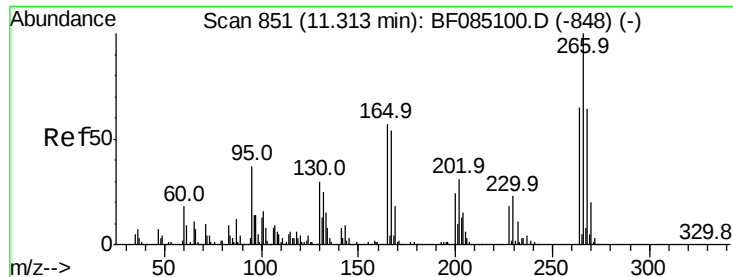
#68
Atrazine
Concen: 56.29 ng
RT: 11.22 min Scan# 782
Delta R.T. 0.01 min
Lab File: BF085123.D
Acq: 2 Mar 2016 17:01

Tgt Ion:200 Resp: 316204
Ion Ratio Lower Upper
200 100
173 26.7 9.4 49.4
215 44.4 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

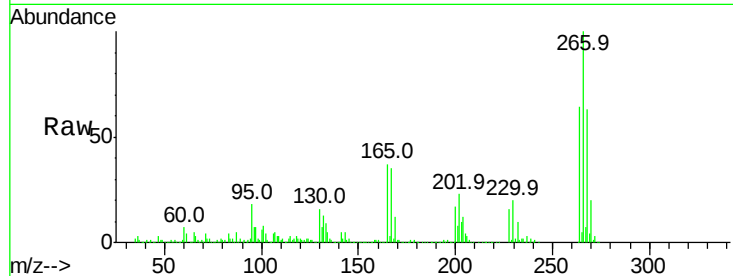




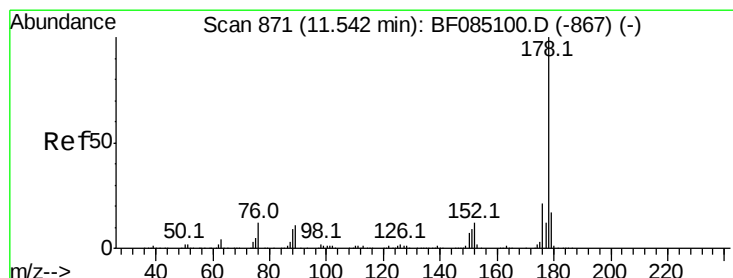
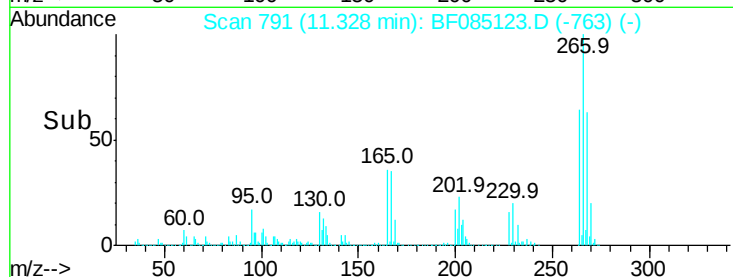
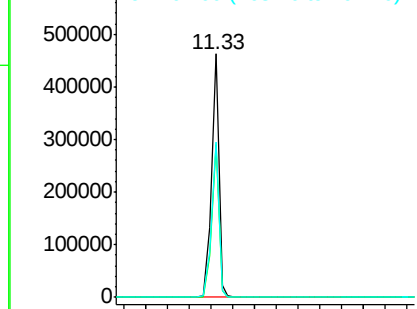
#69
 Pentachlorophenol
 Concen: 106.78 ng
 RT: 11.33 min Scan# 791
 Delta R.T. 0.01 min
 Lab File: BF085123.D
 Acq: 2 Mar 2016 17:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 433885
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.0 76.6
 264 63.8 52.3 78.5

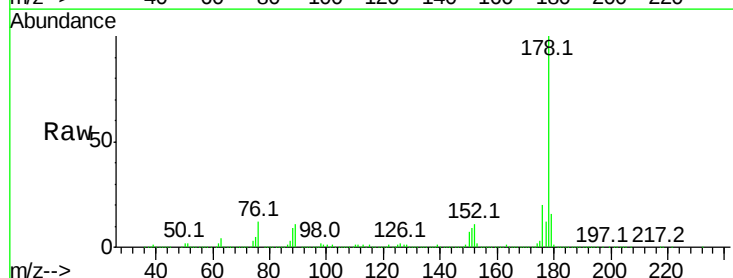


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

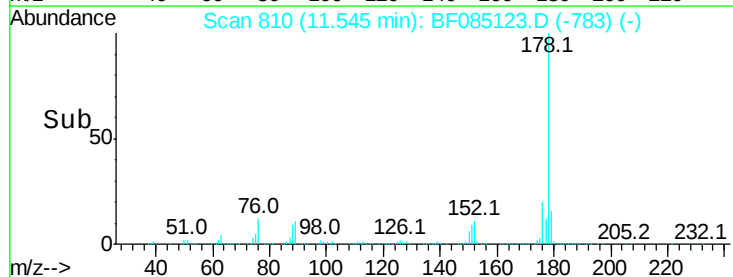
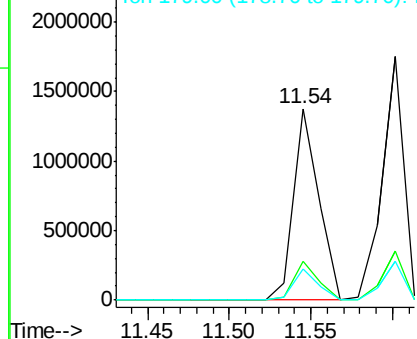


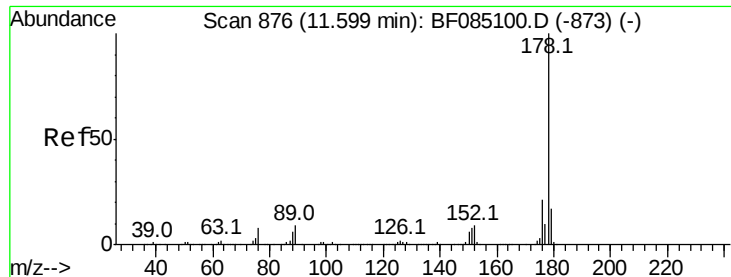
#70
 Phenanthrene
 Concen: 51.13 ng
 RT: 11.54 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF085123.D
 Acq: 2 Mar 2016 17:01

Tgt Ion:178 Resp: 1485834
 Ion Ratio Lower Upper
 178 100
 176 20.4 17.0 25.6
 179 16.3 13.3 19.9



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

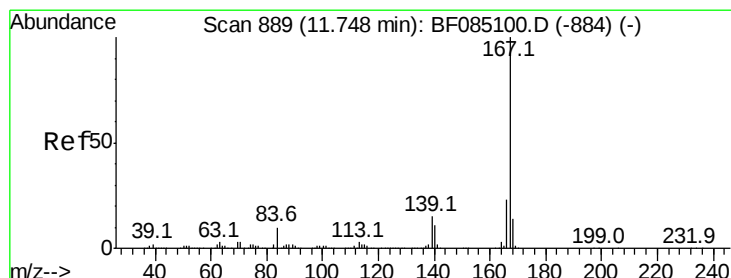
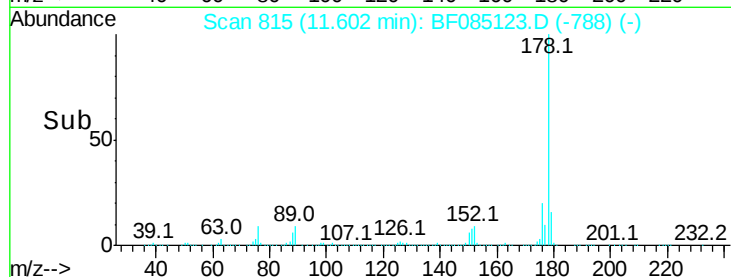
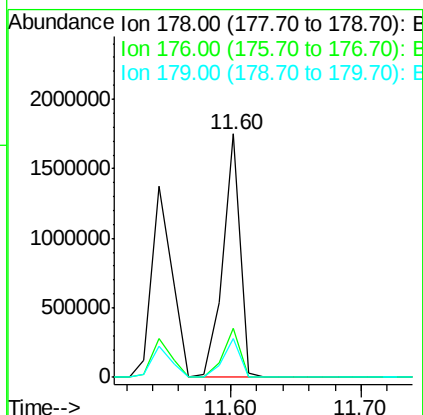
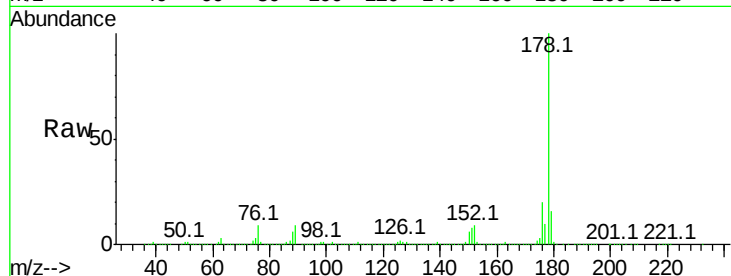




#71
 Anthracene
 Concen: 49.22 ng
 RT: 11.60 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF085123.D
 Acq: 2 Mar 2016 17:01

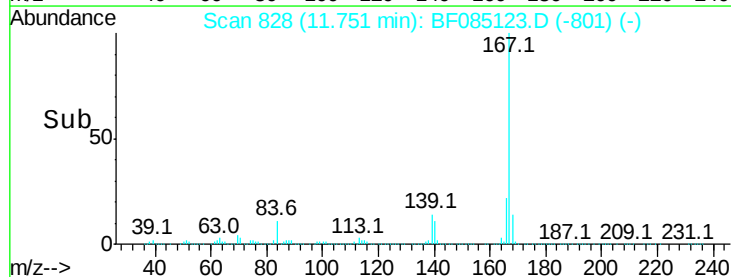
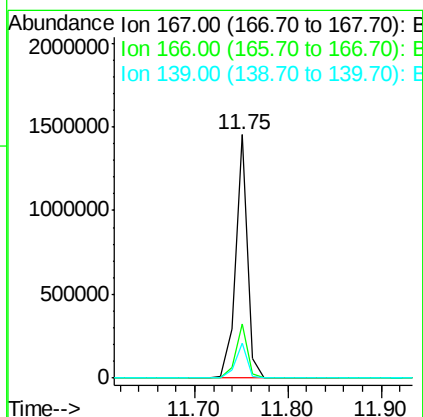
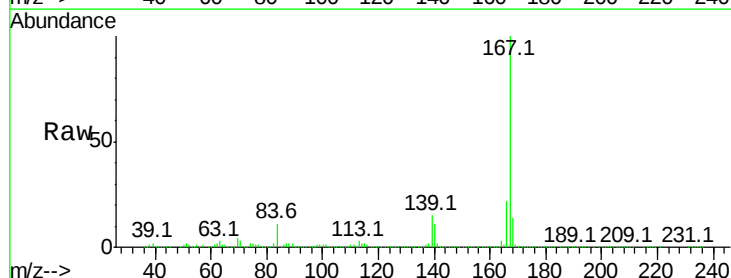
Instrument :
 BNA_F
 ClientSampleId :

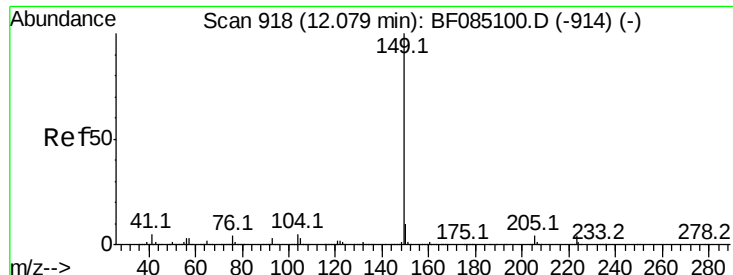
Tot Ion:178 Resp: 1606345
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.6 25.0
 179 16.1 13.2 19.8



#72
 Carbazole
 Concen: 45.47 ng
 RT: 11.75 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF085123.D
 Acq: 2 Mar 2016 17:01

Tgt Ion:167 Resp: 1291420
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.6 28.0
 139 14.5 11.8 17.8

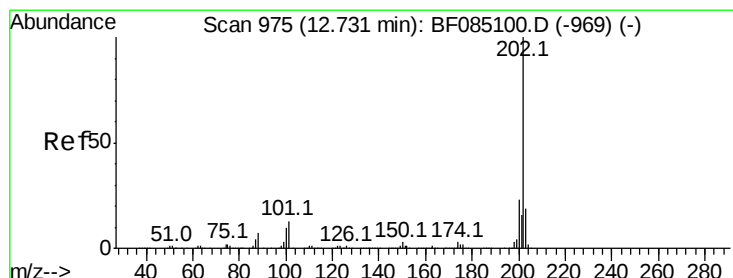
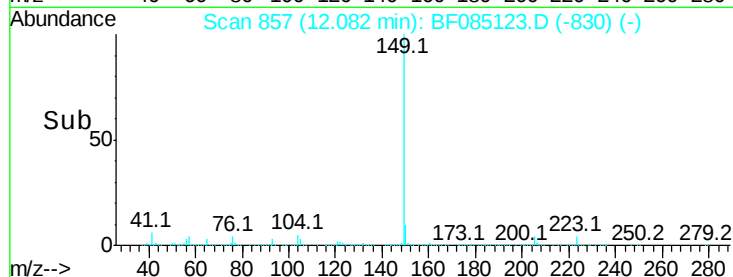
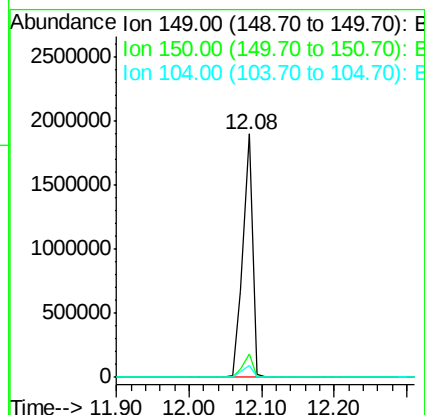
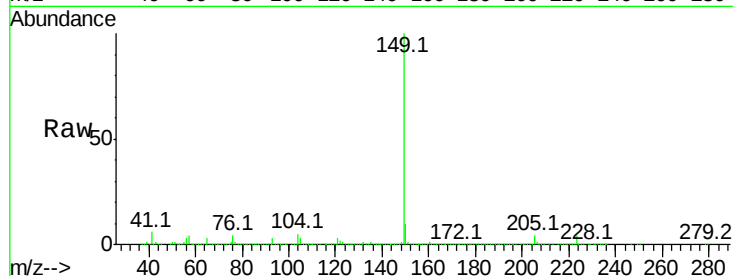




#73
Di-n-butylphthalate
Concen: 53.09 ng
RT: 12.08 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF085123.D
Acq: 2 Mar 2016 17:01

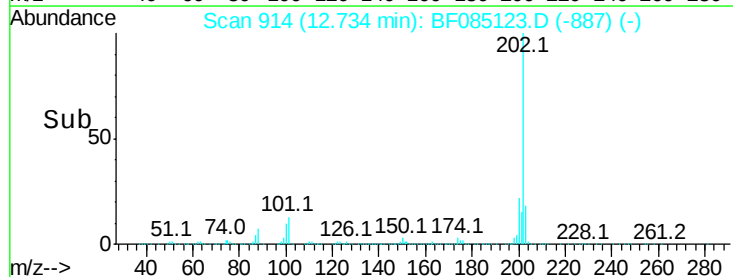
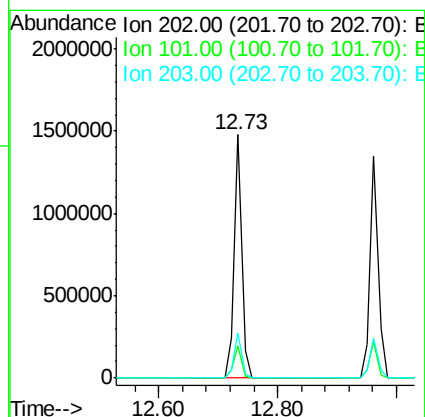
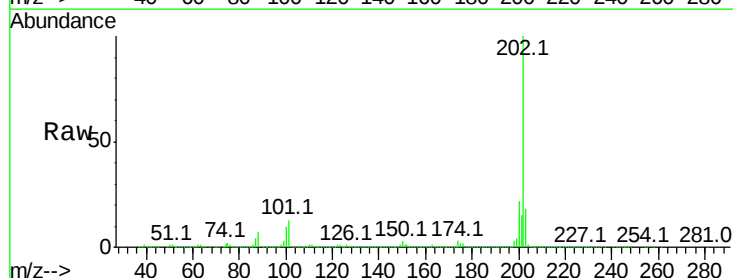
Instrument :
BNA_F
ClientSampleId :

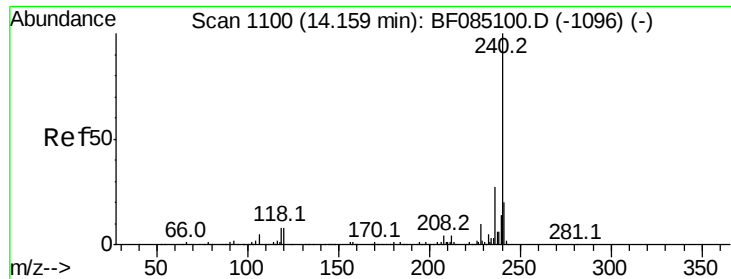
Tot Ion:149 Resp: 1794389
Ion Ratio Lower Upper
149 100
150 9.6 7.7 11.5
104 4.9 3.7 5.5



#74
Fluoranthene
Concen: 41.14 ng
RT: 12.73 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF085123.D
Acq: 2 Mar 2016 17:01

Tgt Ion:202 Resp: 1311896
Ion Ratio Lower Upper
202 100
101 13.4 0.0 33.2
203 18.4 0.0 38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

Instrument :

BNA_F

ClientSampled :

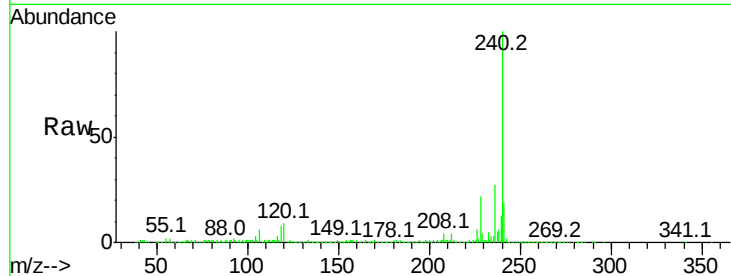
Tot Ion:240 Resp: 389745

Ion Ratio Lower Upper

240 100

120 8.9 6.7 10.1

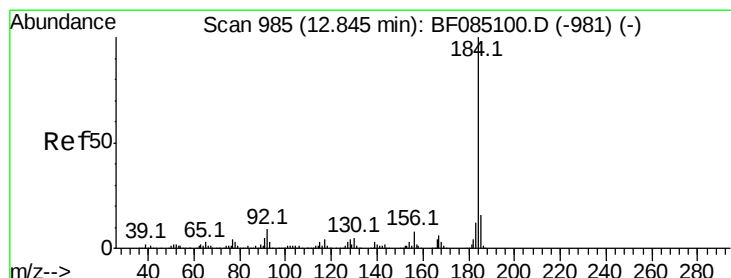
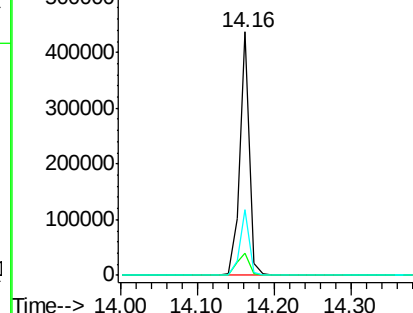
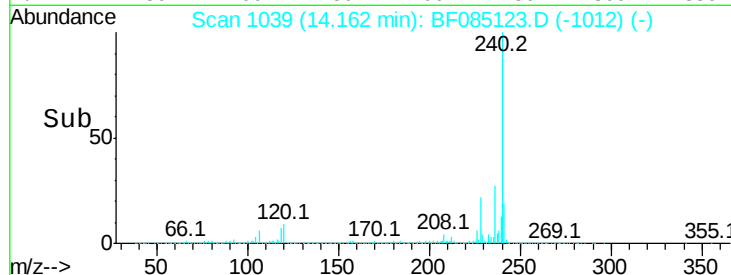
236 26.8 21.6 32.4



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: 0.07 ng

RT: 12.84 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

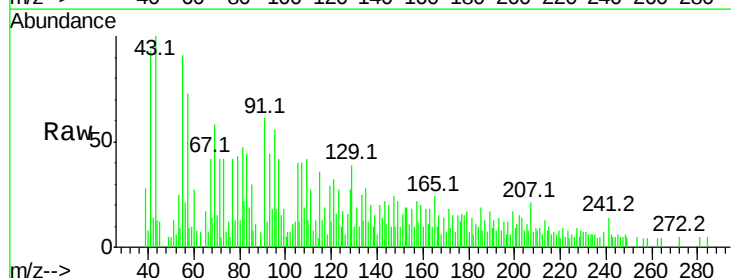
Tgt Ion:184 Resp: 813

Ion Ratio Lower Upper

184 100

185 182.9 12.6 18.8#

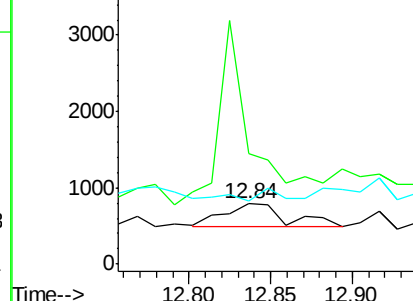
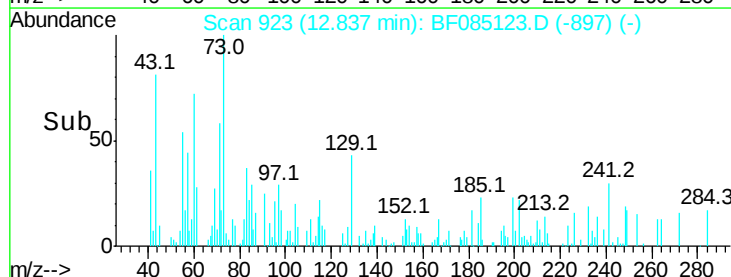
183 104.3 9.5 14.3#

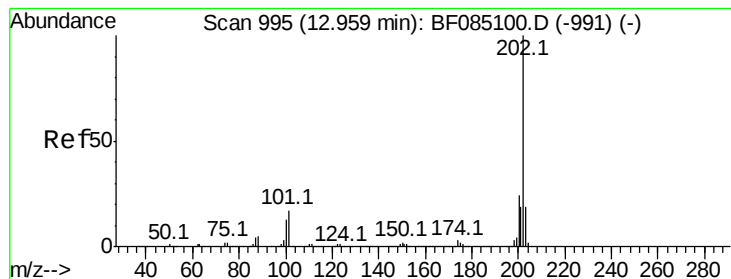


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 48.00 ng

RT: 12.96 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

Instrument :

BNA_F

ClientSampleId :

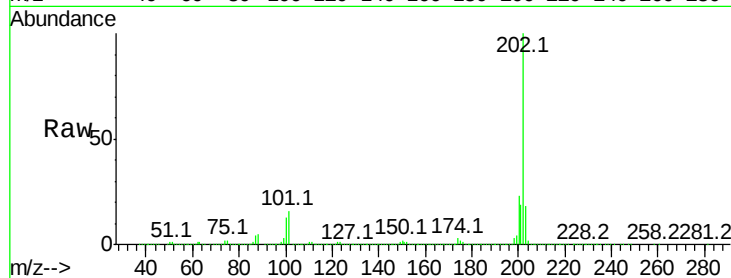
Tot Ion:202 Resp: 1277137

Ion Ratio Lower Upper

202 100

200 22.6 19.0 28.6

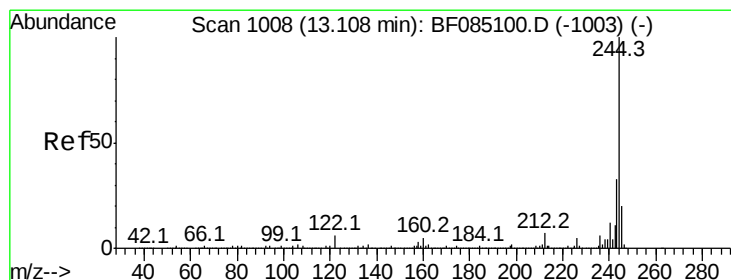
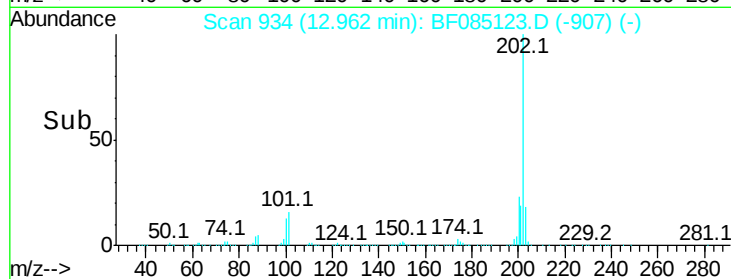
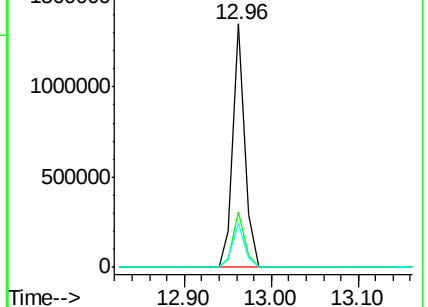
203 18.2 15.0 22.6



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



#78

Terphenyl-d14

Concen: 92.95 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

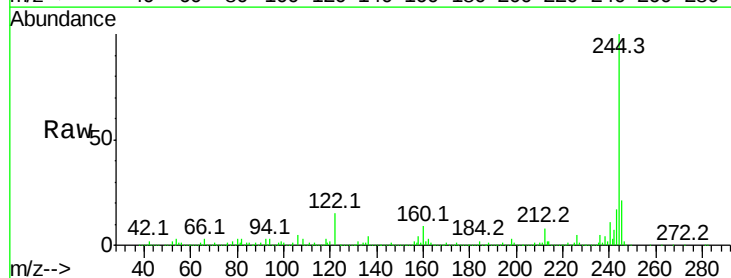
Tgt Ion:244 Resp: 1544326

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

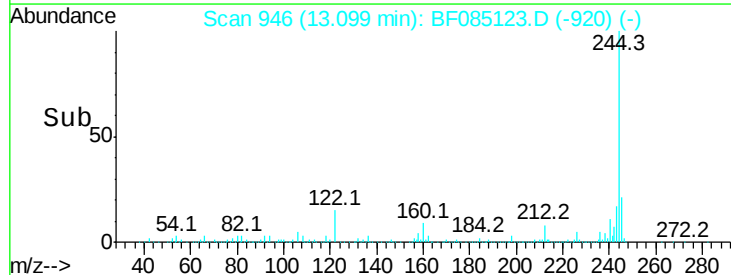
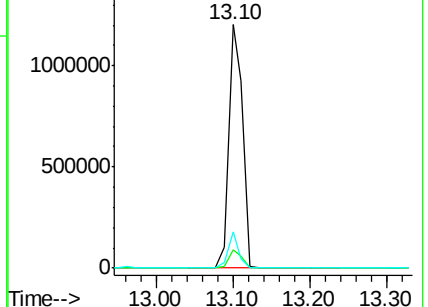
122 15.1 5.1 7.7#

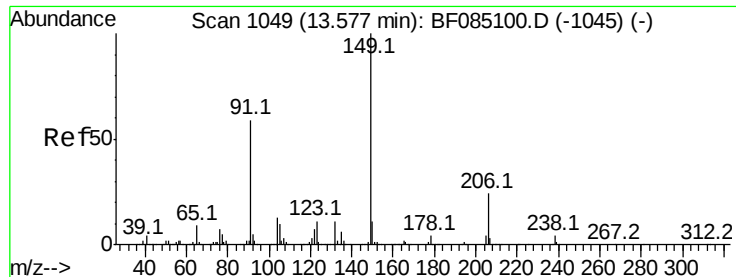


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

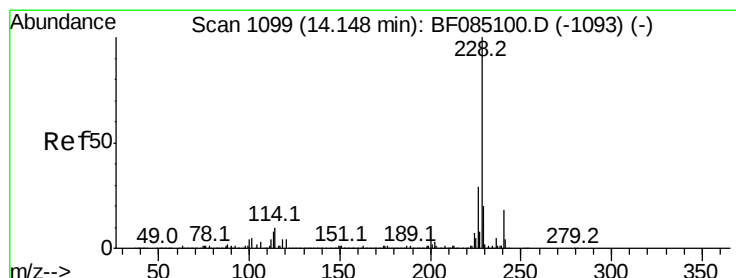
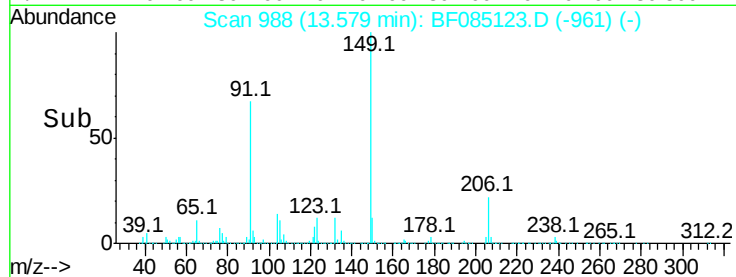
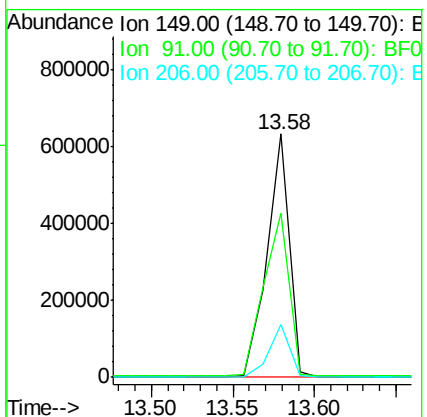
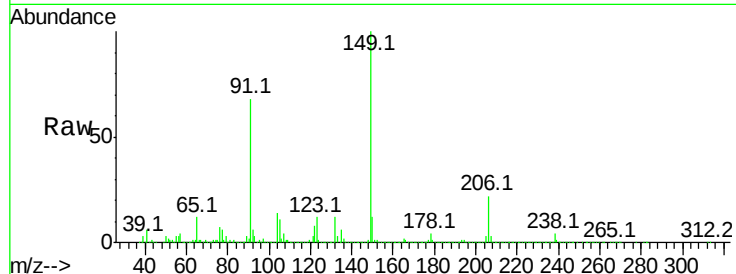




#79
Butylbenzylphthalate
Concen: 53.19 ng
RT: 13.58 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF085123.D
Acq: 2 Mar 2016 17:01

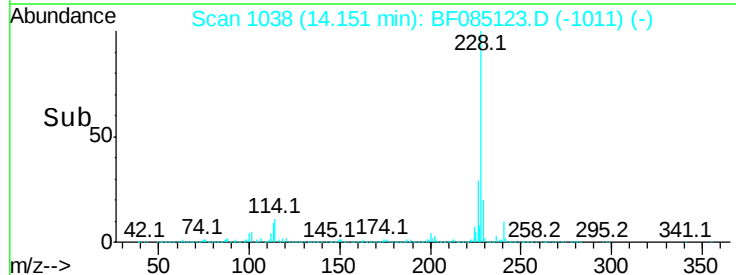
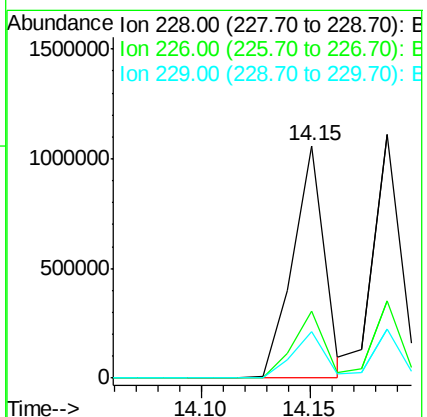
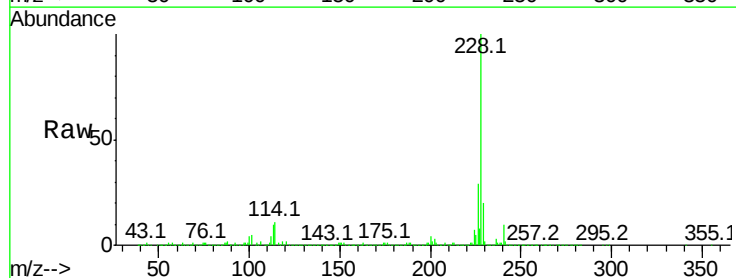
Instrument :
BNA_F
ClientSampleId :

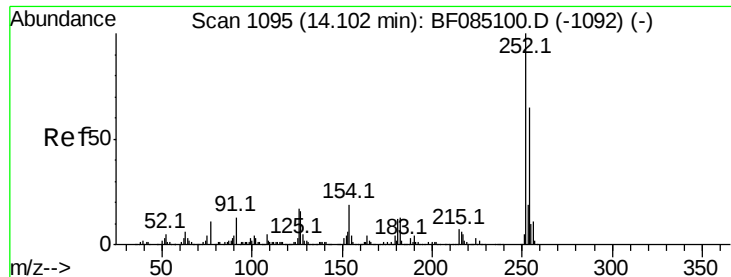
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.5	46.9	70.3
206	21.6	19.0	28.6



#80
Benzo(a)anthracene
Concen: 47.32 ng
RT: 14.15 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF085123.D
Acq: 2 Mar 2016 17:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.0	34.4
229	20.0	16.1	24.1

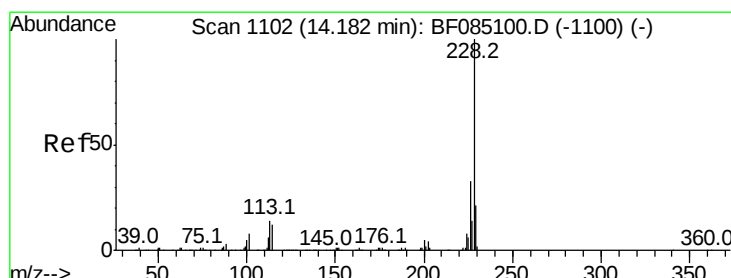
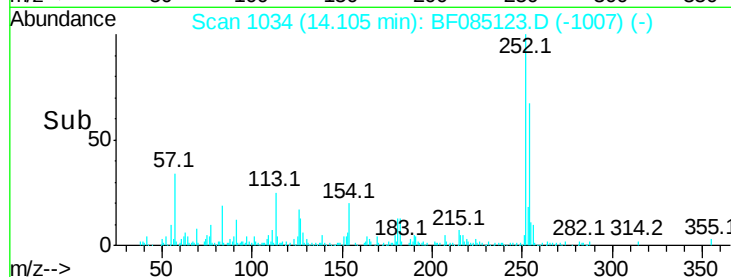
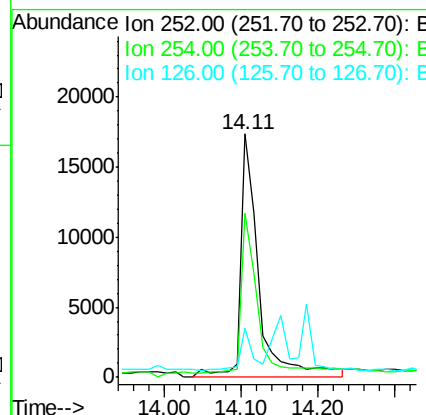
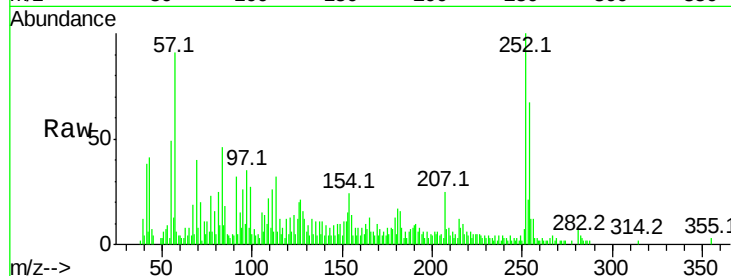




#81
 3,3'-Dichlorobenzidine
 Concen: 4.10 ng
 RT: 14.11 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF085123.D
 Acq: 2 Mar 2016 17:01

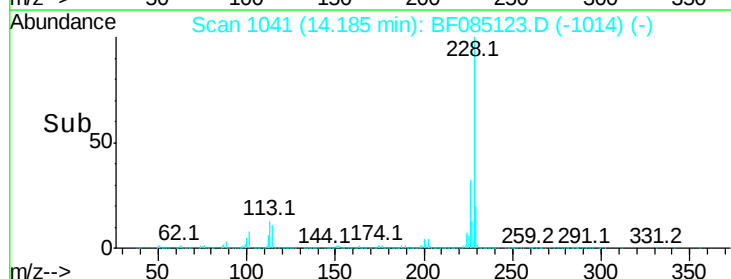
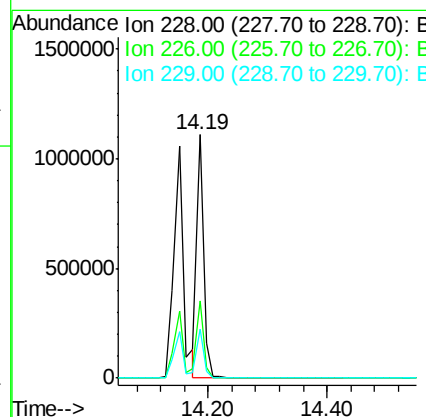
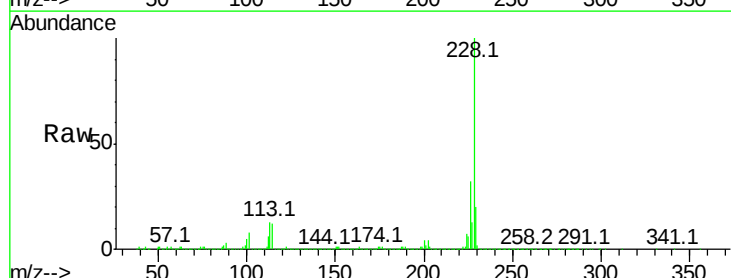
Instrument :
 BNA_F
 ClientSampleId :

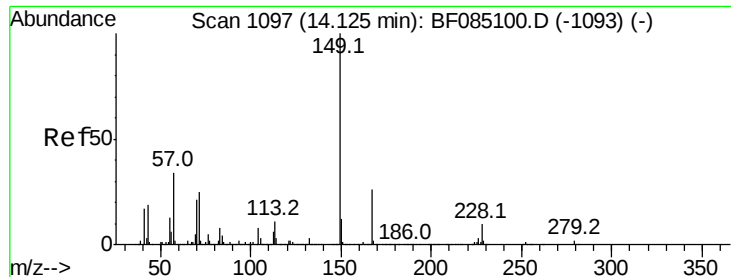
Tot Ion:252 Resp: 29030
 Ion Ratio Lower Upper
 252 100
 254 67.3 51.8 77.6
 126 20.3 13.2 19.8#



#82
 Chrysene
 Concen: 43.11 ng
 RT: 14.19 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF085123.D
 Acq: 2 Mar 2016 17:01

Tgt Ion:228 Resp: 890806
 Ion Ratio Lower Upper
 228 100
 226 31.8 26.2 39.4
 229 20.3 16.5 24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.88 ng

RT: 14.14 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

Instrument :

BNA_F

ClientSampleId :

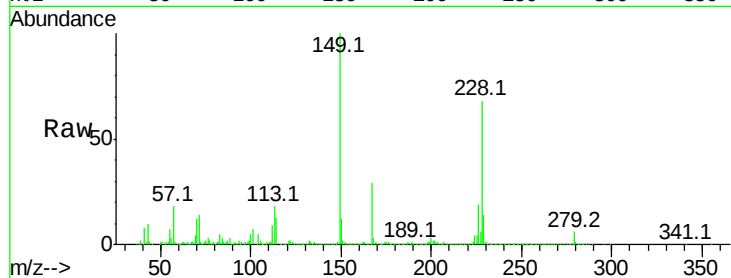
Tot Ion:149 Resp: 726939

Ion Ratio Lower Upper

149 100

167 28.8 20.6 31.0

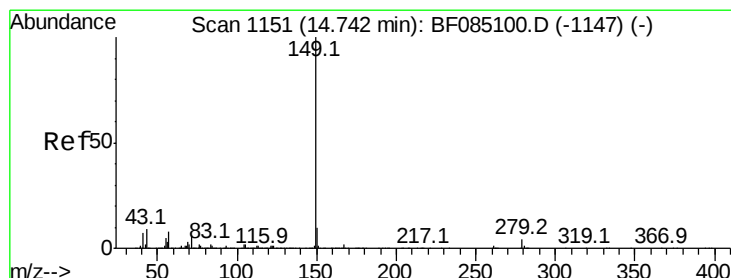
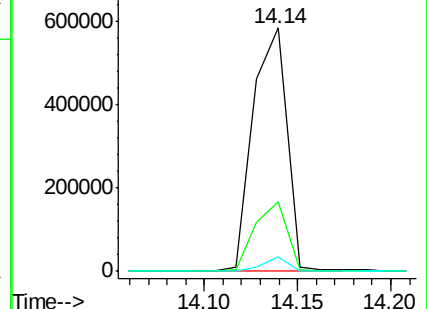
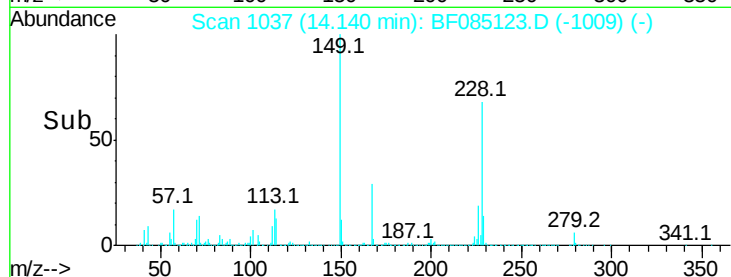
279 5.8 2.0 3.0#



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: 63.56 ng

RT: 14.75 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BF085123.D

Acq: 2 Mar 2016 17:01

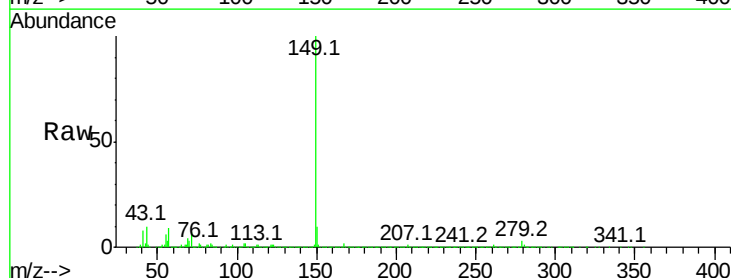
Tgt Ion:149 Resp: 1227305

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

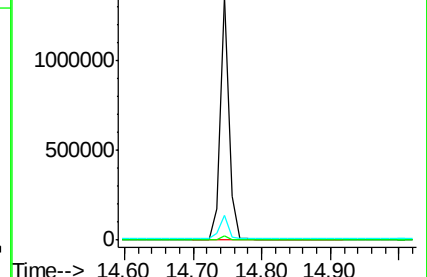
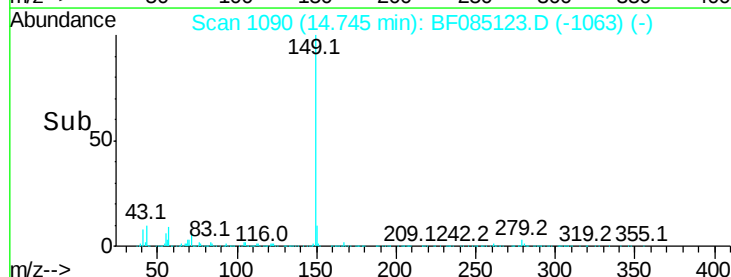
43 10.1 8.8 13.2

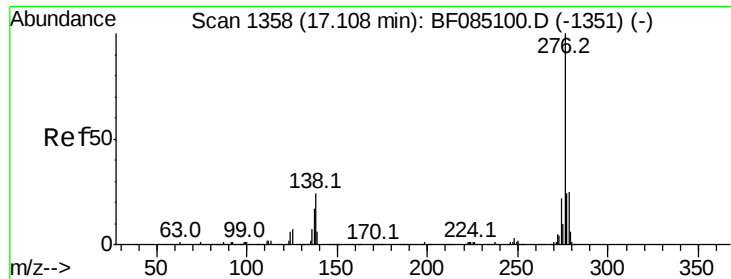


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



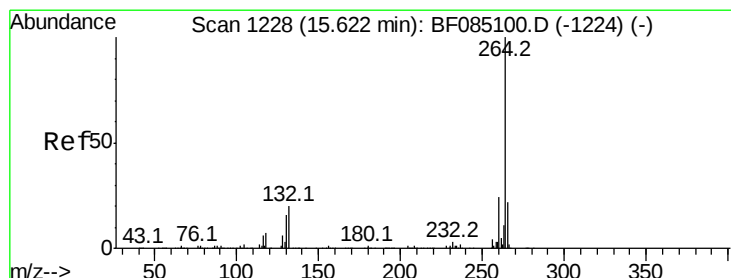
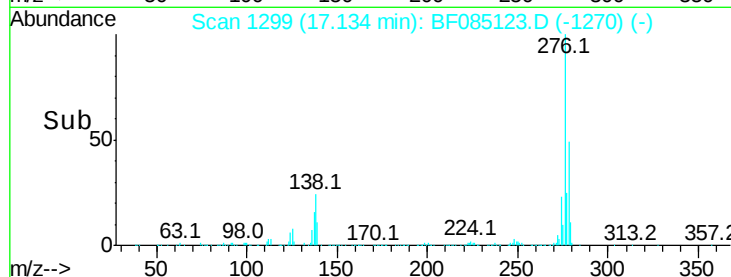
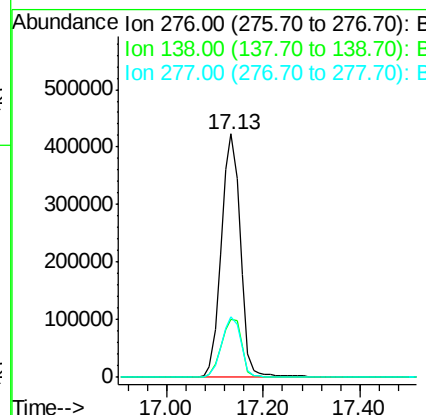
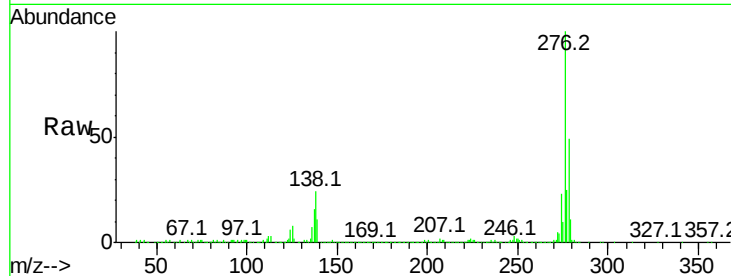


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 67.80 ng
 RT: 17.13 min Scan# 1299
 Delta R.T. 0.03 min
 Lab File: BF085123.D
 Acq: 2 Mar 2016 17:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1184670

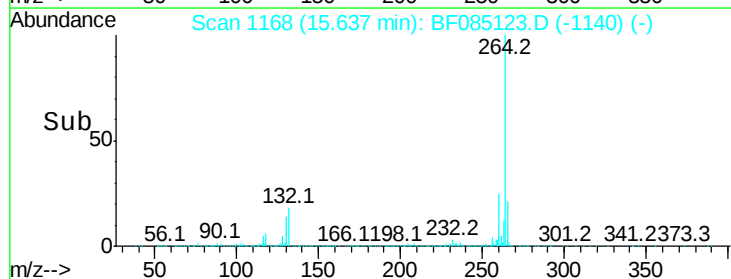
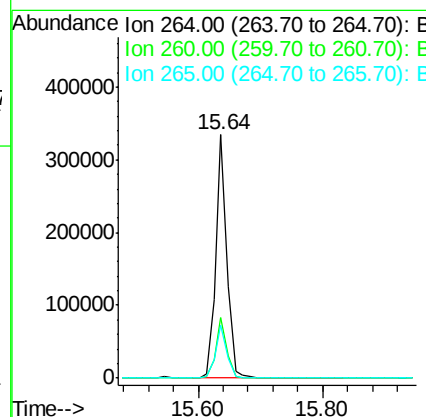
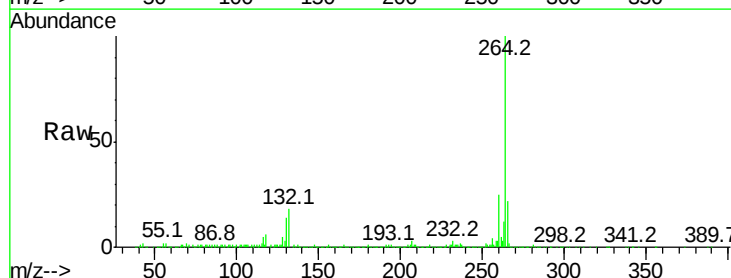
Ion	Ratio	Lower	Upper
276	100		
138	25.4	21.4	32.2
277	25.2	20.1	30.1

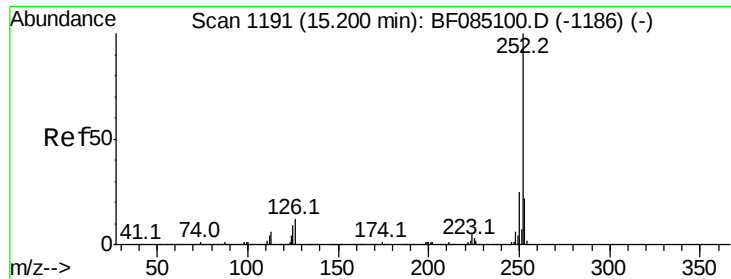


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.64 min Scan# 1168
 Delta R.T. 0.01 min
 Lab File: BF085123.D
 Acq: 2 Mar 2016 17:01

Tgt Ion:264 Resp: 403997

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.7	17.4	26.2

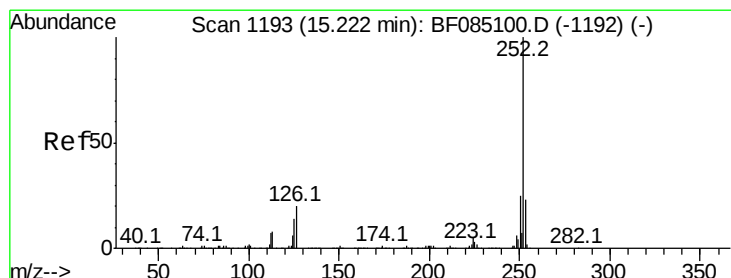
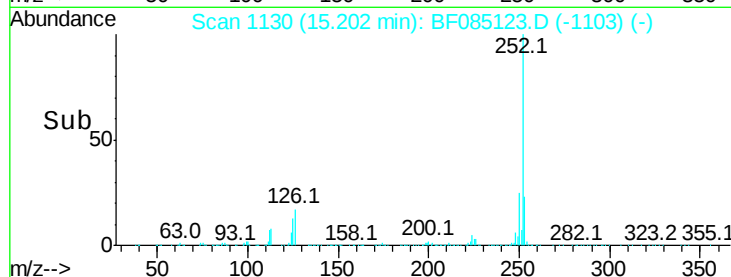
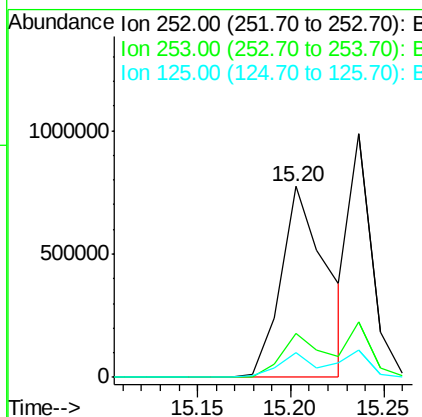
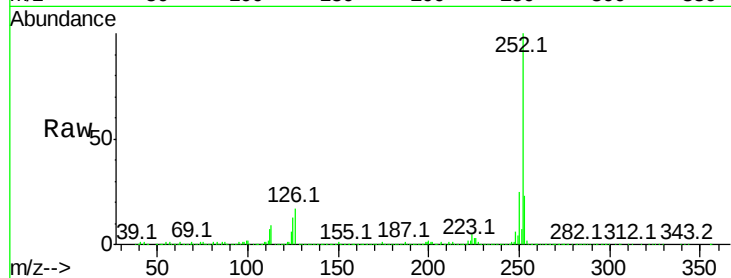




#87
Benzo(b)fluoranthene
Concen: 53.46 ng
RT: 15.20 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF085123.D
Acq: 2 Mar 2016 17:01

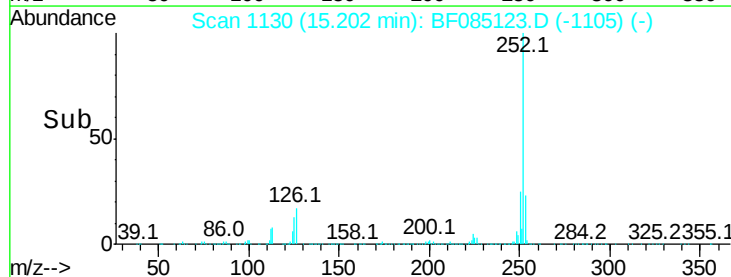
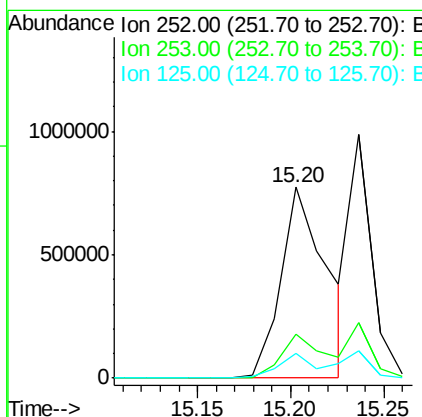
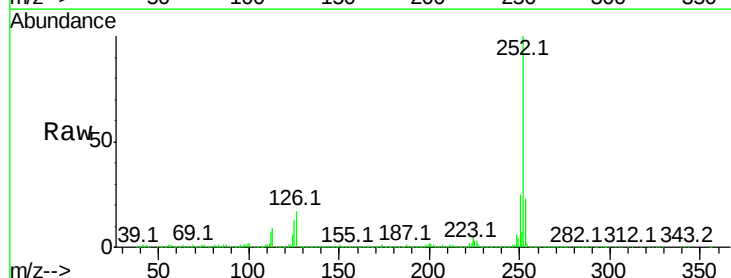
Instrument :
BNA_F
ClientSampleId :

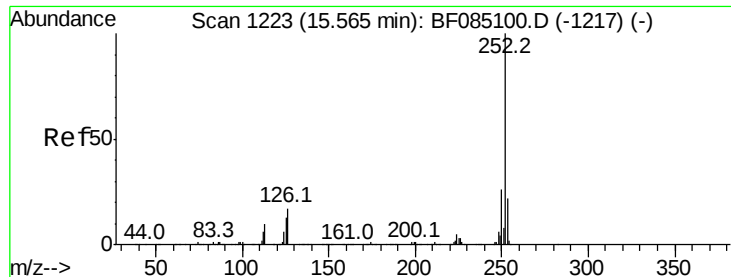
Tot Ion:252 Resp: 1315027
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 12.7 7.0 10.4#



#88
Benzo(k)fluoranthene
Concen: 61.72 ng
RT: 15.20 min Scan# 1130
Delta R.T. -0.02 min
Lab File: BF085123.D
Acq: 2 Mar 2016 17:01

Tgt Ion:252 Resp: 1315027
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 12.7 11.1 16.7

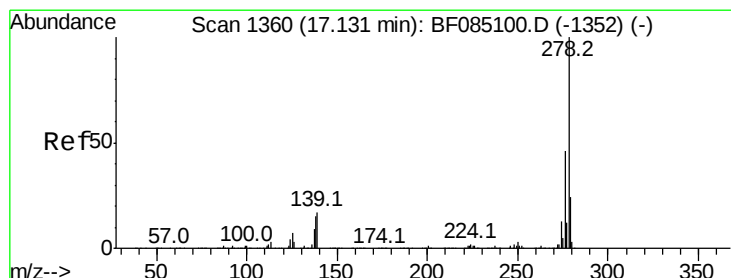
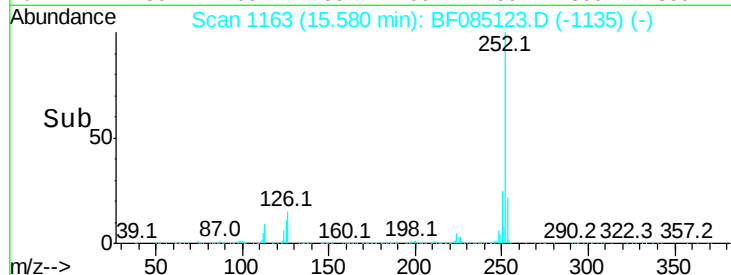
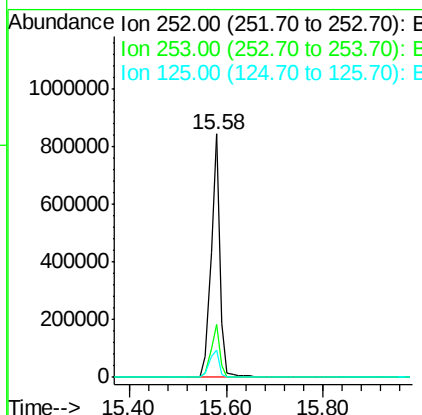
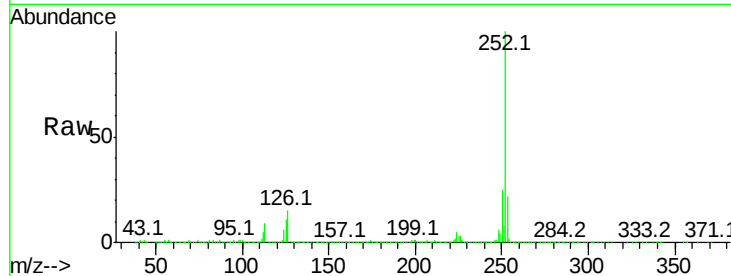




#89
Benzo(a)pyrene
Concen: 52.55 ng
RT: 15.58 min Scan# 1163
Delta R.T. 0.01 min
Lab File: BF085123.D
Acq: 2 Mar 2016 17:01

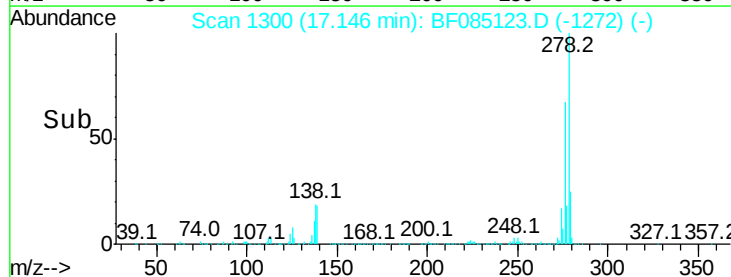
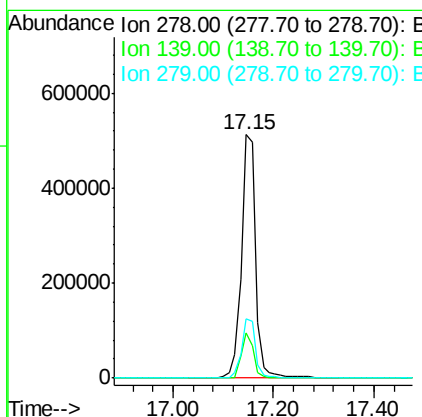
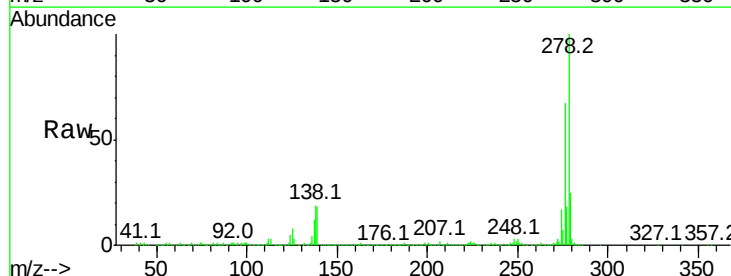
Instrument :
BNA_F
ClientSampleId :

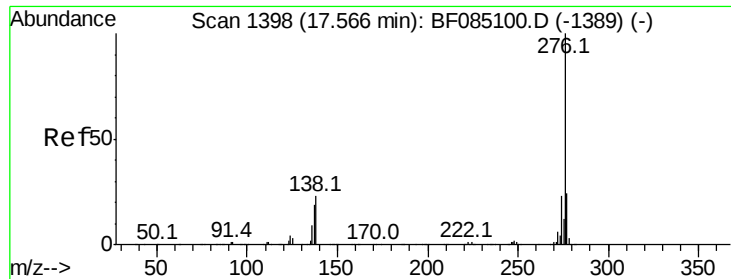
Tot Ion:252 Resp: 1087243
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 11.4 10.2 15.2



#90
Dibenzo(a,h)anthracene
Concen: 54.11 ng
RT: 17.15 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF085123.D
Acq: 2 Mar 2016 17:01

Tgt Ion:278 Resp: 1008341
Ion Ratio Lower Upper
278 100
139 18.4 13.6 20.4
279 24.6 19.3 28.9





#91
 Benzo(a,h,i)perylene
 Concen: 48.58 ng
 RT: 17.59 min Scan# 1339
 Delta R.T. 0.03 min
 Lab File: BF085123.D
 Acq: 2 Mar 2016 17:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	19.9	18.1	27.1

