

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
 Data File : BF085092.D
 Acq On : 17 Feb 2016 17:56
 Operator : SJ/IZ
 Sample : H1418-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 17 23:52:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 17 16:42:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	188239	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	756447	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	361909	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	745710	20.00	ng	0.00
75) Chrysene-d12	14.16	240	730502	20.00	ng	0.00
86) Perylene-d12	15.63	264	584395	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1614047	149.86	ng	0.02
7) Phenol-d6	6.62	99	2131054	157.38	ng	0.00
23) Nitrobenzene-d5	7.56	82	1403744	113.74	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	605243	157.53	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	2309484	94.30	ng	0.00
78) Terphenyl-d14	13.11	244	2504221	96.01	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.78	88	230580	45.24	ng	89
3) Pyridine	3.55	79	691924	52.69	ng	88
4) n-Nitrosodimethylamine	3.50	42	338194	53.68	ng	92
6) Aniline	6.66	93	271008	14.41	ng	# 69
8) 2-Chlorophenol	6.78	128	640896	51.61	ng	96
9) Benzaldehyde	6.54	77	165946	21.08	ng	85
10) Phenol	6.63	94	709099	48.44	ng	# 51
11) bis(2-Chloroethyl)ether	6.73	93	656770	53.15	ng	91
12) 1,3-Dichlorobenzene	6.94	146	680220	50.77	ng	97
13) 1,4-Dichlorobenzene	7.02	146	728085	53.51	ng	97
14) 1,2-Dichlorobenzene	7.16	146	621543	49.33	ng	97
15) Benzyl Alcohol	7.13	79	570247	57.36	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.27	45	976321	52.27	ng	94
17) 2-Methylphenol	7.24	107	580882	58.47	ng	# 84
18) Hexachloroethane	7.51	117	252760	52.13	ng	# 87
19) n-Nitroso-di-n-propylamine	7.42	70	510770	55.25	ng	# 80
20) 3+4-Methylphenols	7.39	107	657281	52.64	ng	94
22) Acetophenone	7.40	105	891253	47.29	ng	# 97
24) Nitrobenzene	7.58	77	666767	52.83	ng	98
25) Isophorone	7.82	82	1297267	50.30	ng	98
26) 2-Nitrophenol	7.90	139	345842	60.70	ng	92
27) 2,4-Dimethylphenol	7.93	122	659384	53.81	ng	93
28) bis(2-Chloroethoxy)methane	8.02	93	773112	50.55	ng	98
29) 2,4-Dichlorophenol	8.14	162	603852	57.19	ng	94
30) 1,2,4-Trichlorobenzene	8.22	180	603735	50.17	ng	99
31) Naphthalene	8.31	128	1912286	52.60	ng	98
32) Benzoic acid	7.99	122	42812	10.63	ng	94
33) 4-Chloroaniline	8.34	127	89917	5.76	ng	98
34) Hexachlorobutadiene	8.42	225	371346	51.04	ng	96
35) Caprolactam	8.76	113	76620	24.27	ng	95
36) 4-Chloro-3-methylphenol	8.82	107	590538	51.74	ng	97
37) 2-Methylnaphthalene	8.99	142	1253626	53.04	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	604429	49.08	ng	98
40) Hexachlorocyclopentadiene	9.15	237	702576	106.40	ng	98

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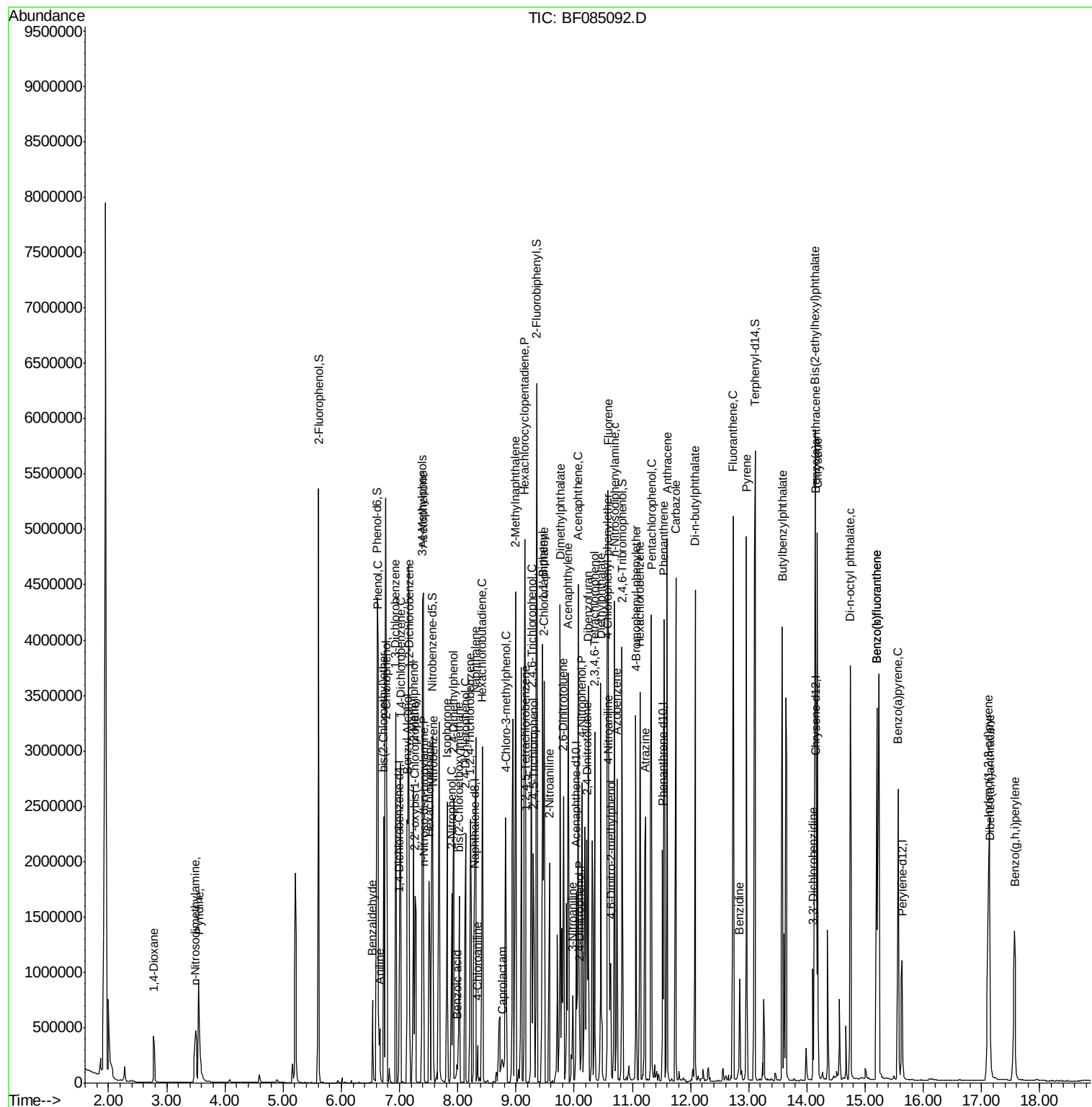
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	471220	60.24	nq	94
43) 2,4,5-Trichlorophenol	9.30	196	405564	52.62	nq	95
45) 1,1'-Biphenyl	9.46	154	1596851	51.58	nq	97
46) 2-Chloronaphthalene	9.48	162	1219089	53.52	nq	96
47) 2-Nitroaniline	9.58	65	389658	54.61	nq	86
48) Acenaphthylene	9.90	152	1756084	47.69	nq	97
49) Dimethylphthalate	9.76	163	1735188	65.32	nq	# 96
50) 2,6-Dinitrotoluene	9.82	165	310429	55.50	nq	96
51) Acenaphthene	10.07	154	1135469	50.02	nq	97
52) 3-Nitroaniline	9.98	138	105405	16.64	nq	84
53) 2,4-Dinitrophenol	10.09	184	166739	64.05	nq	# 56
54) Dibenzofuran	10.24	168	1634159	53.90	nq	99
55) 4-Nitrophenol	10.14	139	487638	97.11	nq	97
56) 2,4-Dinitrotoluene	10.22	165	369969	53.68	nq	# 80
57) Fluorene	10.58	166	1193797	47.79	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	377232	59.97	nq	96
59) Diethylphthalate	10.46	149	1322030	48.18	nq	96
60) 4-Chlorophenyl-phenylether	10.57	204	623334	48.29	nq	93
61) 4-Nitroaniline	10.59	138	289992	49.01	nq	96
62) Azobenzene	10.73	77	1433912	55.63	nq	96
64) 4,6-Dinitro-2-methylphenol	10.63	198	196944	52.67	nq	# 71
65) n-Nitrosodiphenylamine	10.70	169	1243662	52.88	nq	99
66) 4-Bromophenyl-phenylether	11.06	248	417986	48.00	nq	94
67) Hexachlorobenzene	11.13	284	450698	49.26	nq	95
68) Atrazine	11.22	200	441418	65.15	nq	94
69) Pentachlorophenol	11.32	266	579442	104.41	nq	95
70) Phenanthrene	11.54	178	1834137	48.96	nq	97
71) Anthracene	11.60	178	1936568	51.21	nq	93
72) Carbazole	11.75	167	1768196	51.27	nq	97
73) Di-n-butylphthalate	12.08	149	2042173	51.90	nq	97
74) Fluoranthene	12.73	202	1931685	47.70	nq	92
76) Benzidine	12.84	184	317270	14.75	nq	97
77) Pyrene	12.96	202	1985869	45.15	nq	96
79) Butylbenzylphthalate	13.58	149	979901	56.06	nq	# 94
80) Benzo(a)anthracene	14.15	228	2041398	50.09	nq	95
81) 3,3'-Dichlorobenzidine	14.10	252	195918	13.00	nq	98
82) Chrysene	14.18	228	1430625	38.14	nq	94
83) Bis(2-ethylhexyl)phthalate	14.14	149	1260590	52.77	nq	# 95
84) Di-n-octyl phthalate	14.74	149	2075244	54.30	nq	97
85) Indeno(1,2,3-cd)pyrene	17.12	276	1601988	44.16	nq	99
87) Benzo(b)fluoranthene	15.20	252	1785101	47.91	nq	# 95
88) Benzo(k)fluoranthene	15.20	252	1785101	59.49	nq	# 96
89) Benzo(a)pyrene	15.57	252	1702477	53.77	nq	# 94
90) Dibenzo(a,h)anthracene	17.14	278	1317748	48.75	nq	# 94
91) Benzo(g,h,i)perylene	17.57	276	1275142	48.08	nq	99

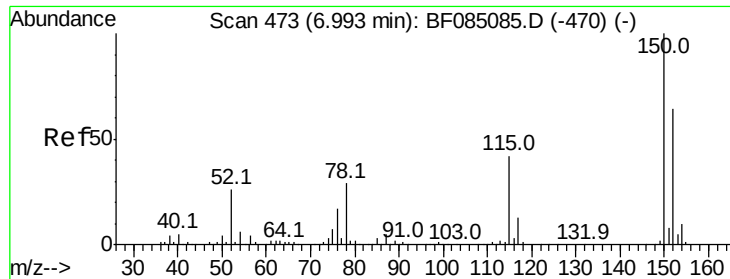
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampled :

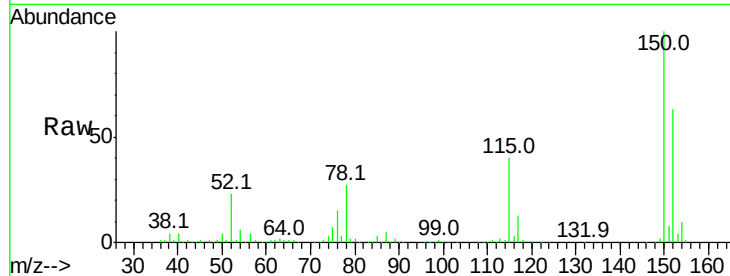
Tot Ion:152 Resp: 188239

Ion Ratio Lower Upper

152 100

150 159.4 127.4 191.2

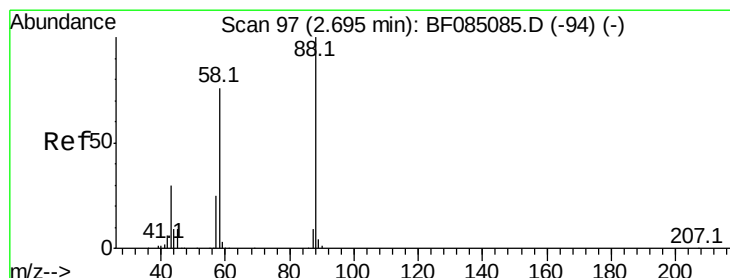
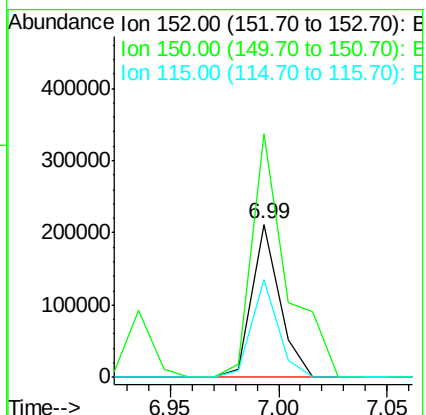
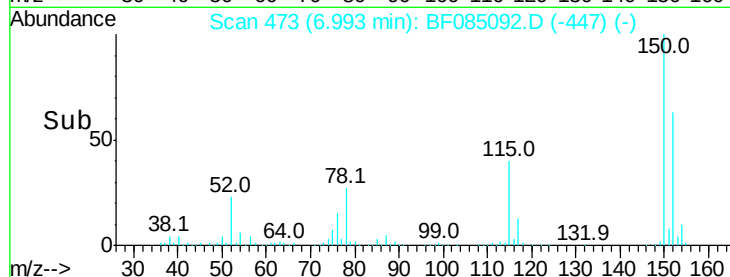
115 64.2 50.5 75.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 45.24 ng

RT: 2.78 min Scan# 104

Delta R.T. 0.08 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

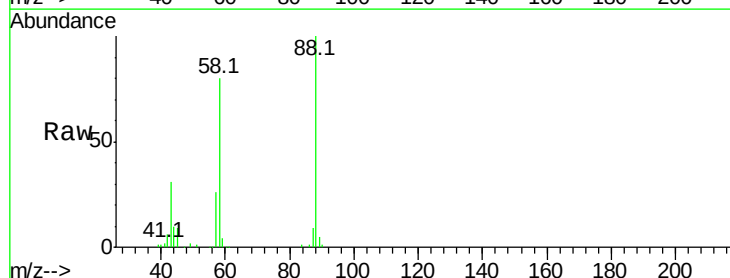
Tgt Ion: 88 Resp: 230580

Ion Ratio Lower Upper

88 100

58 76.3 70.9 106.3

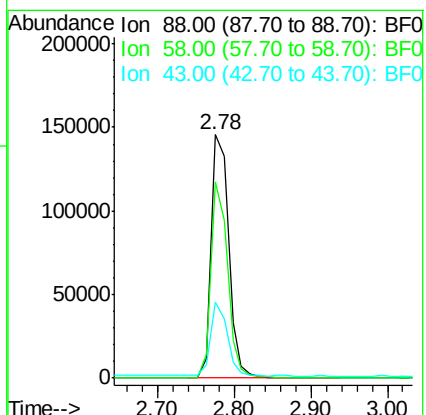
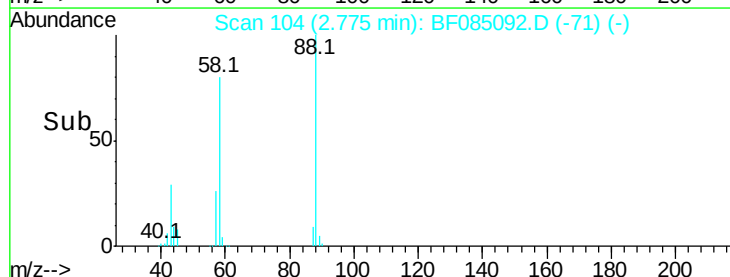
43 28.5 25.9 38.9

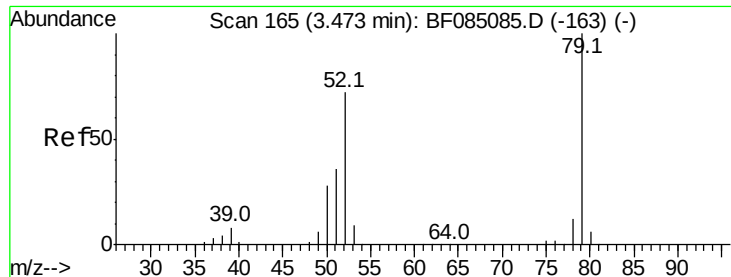


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 52.69 ng

RT: 3.55 min Scan# 172

Delta R.T. 0.08 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampleId :

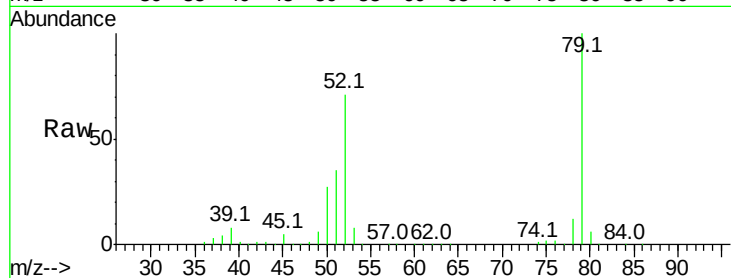
Tot Ion: 79 Resp: 691924

Ion Ratio Lower Upper

79 100

52 71.3 67.1 100.7

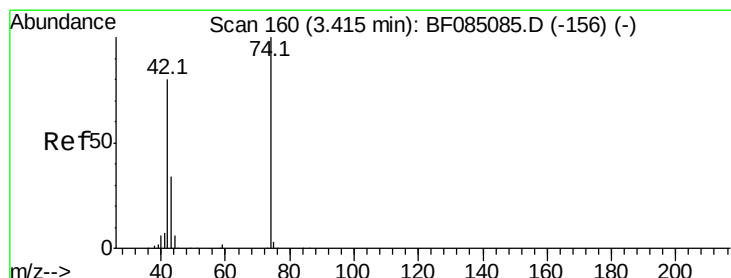
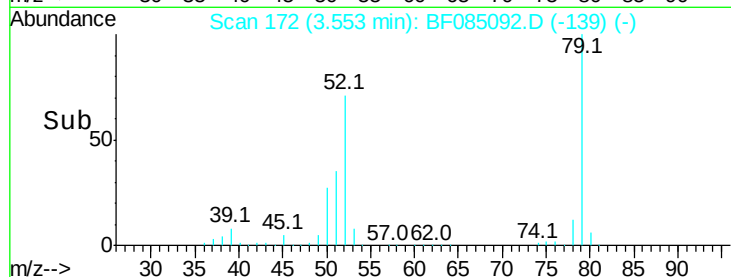
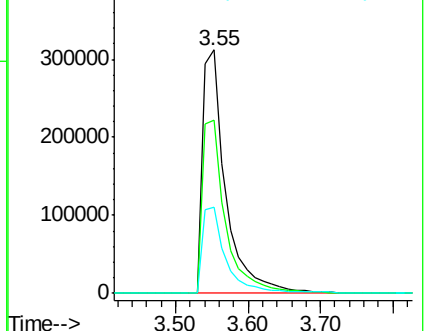
51 35.4 32.7 49.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 53.68 ng

RT: 3.50 min Scan# 167

Delta R.T. 0.08 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

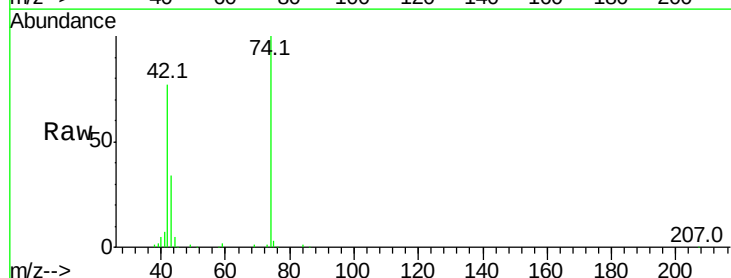
Tgt Ion: 42 Resp: 338194

Ion Ratio Lower Upper

42 100

74 129.2 96.2 144.4

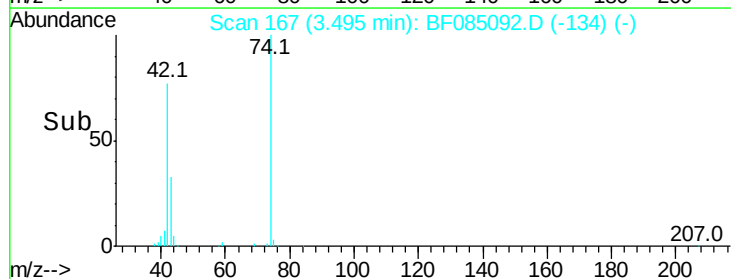
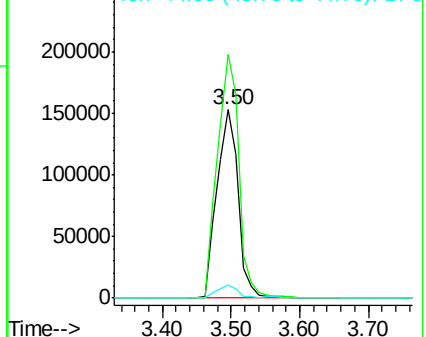
44 7.1 7.0 10.4

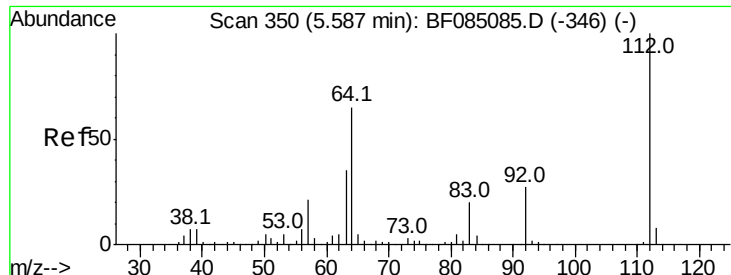


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 149.86 ng

RT: 5.61 min Scan# 352

Delta R.T. 0.02 min

Lab File: BF085092.D

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Instrument :
BNA_F
ClientSampleId :

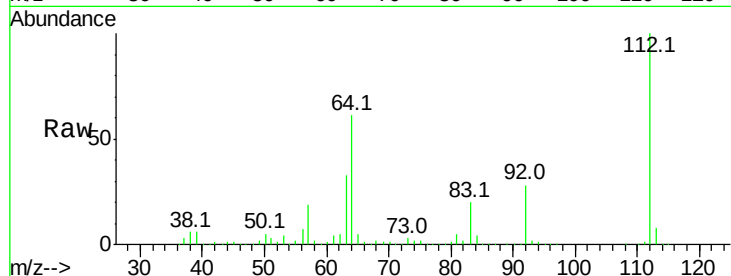
Tot Ion:112 Resp: 1614047

Ion Ratio Lower Upper

112 100

64 61.1 45.4 68.2

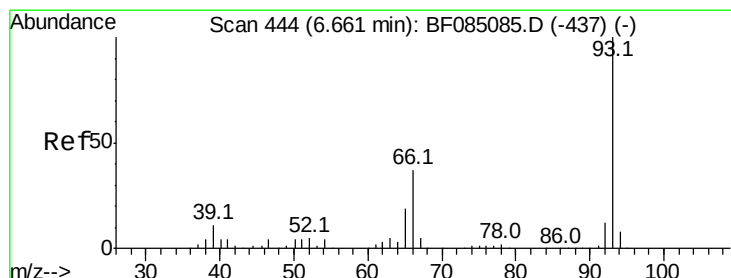
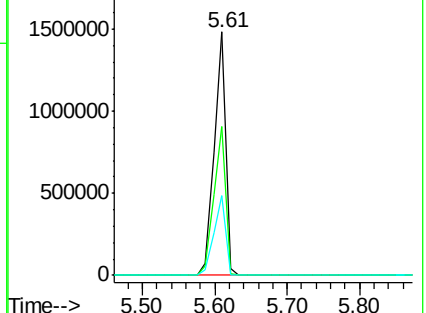
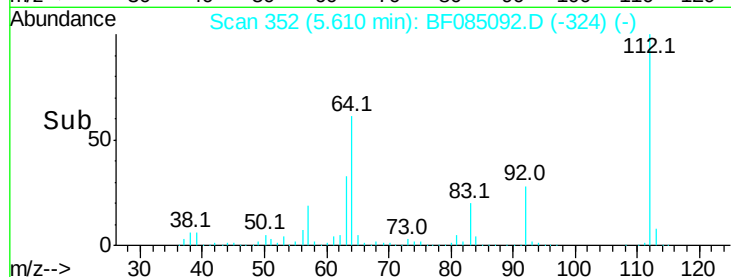
63 32.6 23.2 34.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.41 ng

RT: 6.66 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

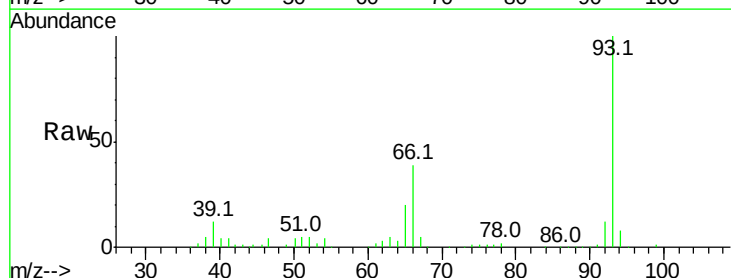
Tgt Ion: 93 Resp: 271008

Ion Ratio Lower Upper

93 100

66 39.4 51.8 77.8#

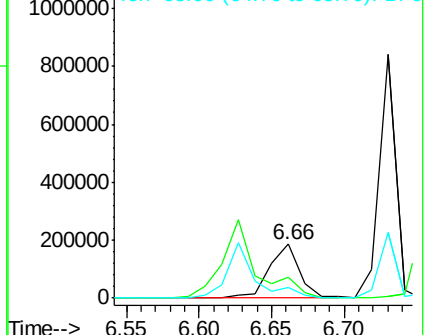
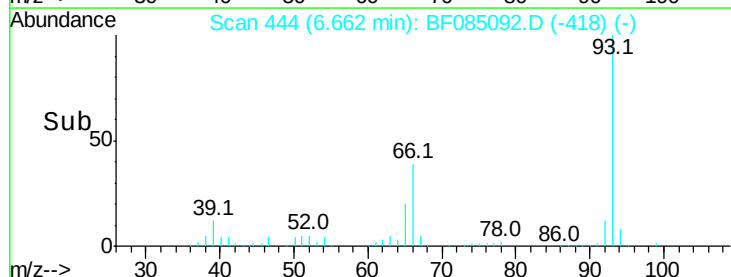
65 19.6 28.5 42.7#

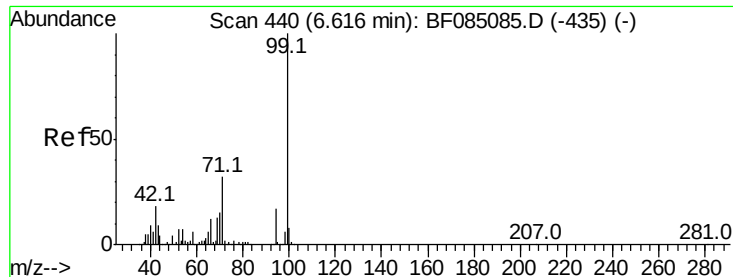


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 157.38 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

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ClientSampleId :

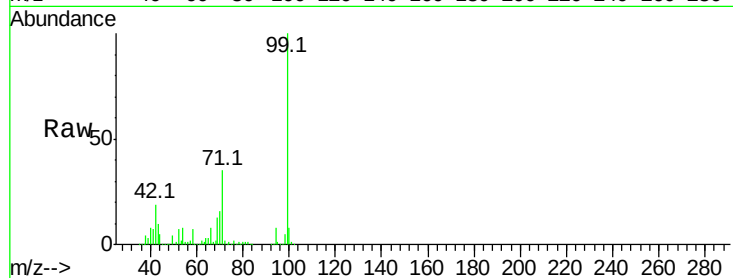
Tot Ion: 99 Resp: 2131054

Ion Ratio Lower Upper

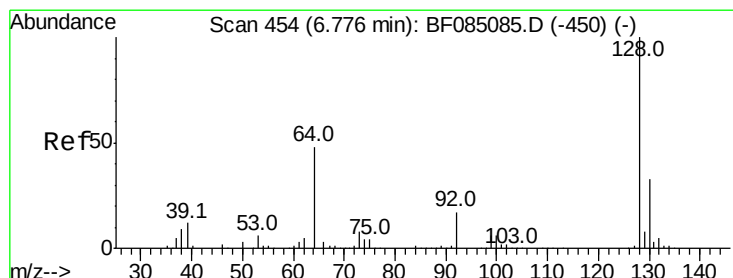
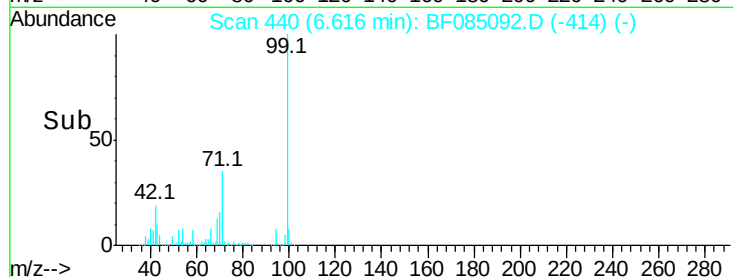
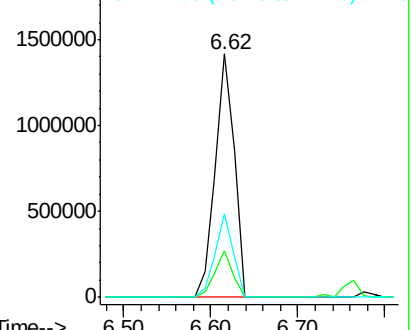
99 100

42 19.3 17.0 25.4

71 34.6 28.3 42.5



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



#8

2-Chlorophenol

Concen: 51.61 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

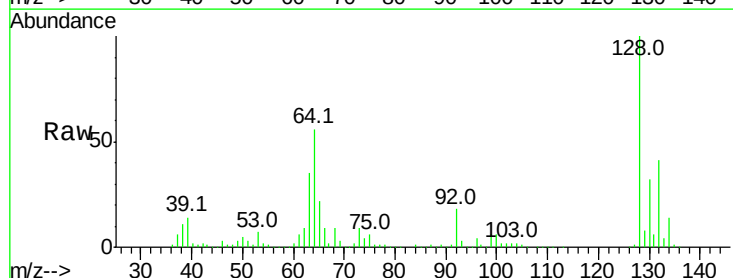
Tgt Ion: 128 Resp: 640896

Ion Ratio Lower Upper

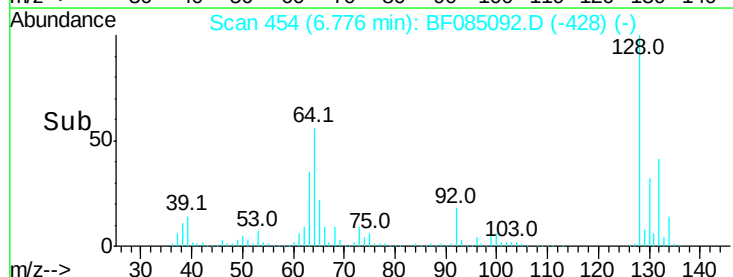
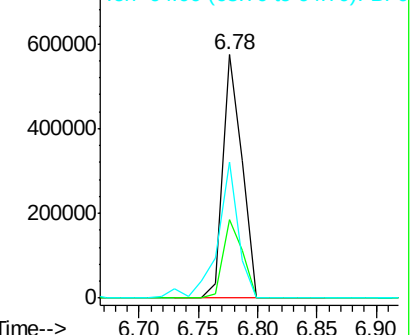
128 100

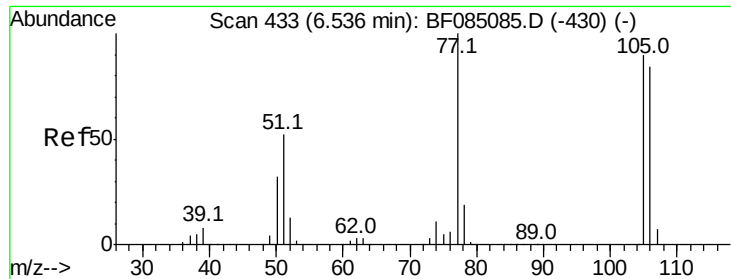
130 32.3 12.4 52.4

64 56.1 32.1 72.1



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





#9

Benzaldehyde

Concen: 21.08 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

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Acq: 17 Feb 2016 17:56

Instrument :

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ClientSampled :

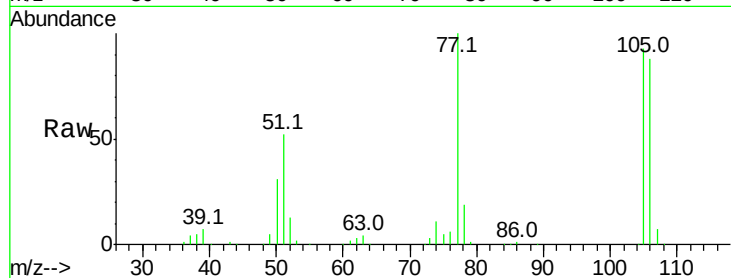
Tot Ion: 77 Resp: 165946

Ion Ratio Lower Upper

77 100

105 92.5 90.9 130.9

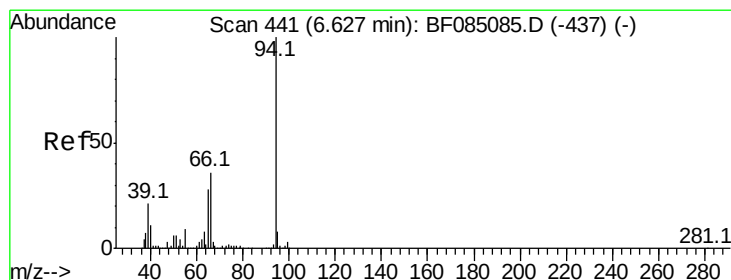
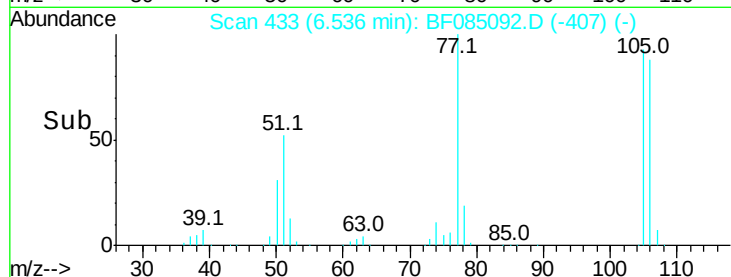
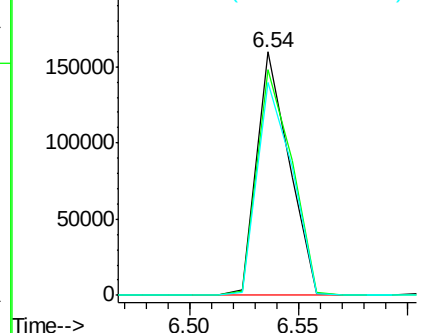
106 87.6 79.7 119.7



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: 48.44 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

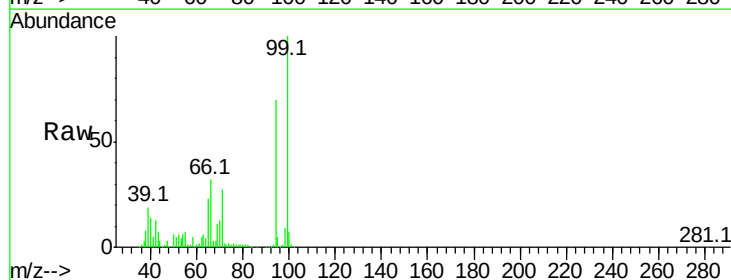
Tgt Ion: 94 Resp: 709099

Ion Ratio Lower Upper

94 100

65 32.6 37.3 77.3#

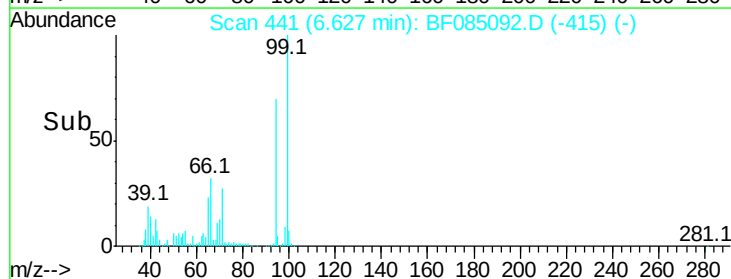
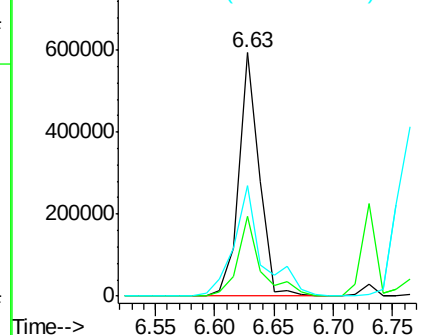
66 45.5 84.1 124.1#

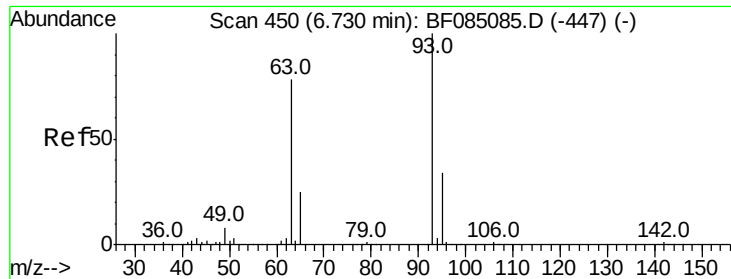


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

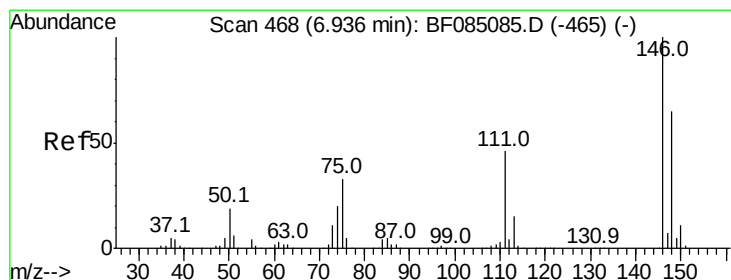
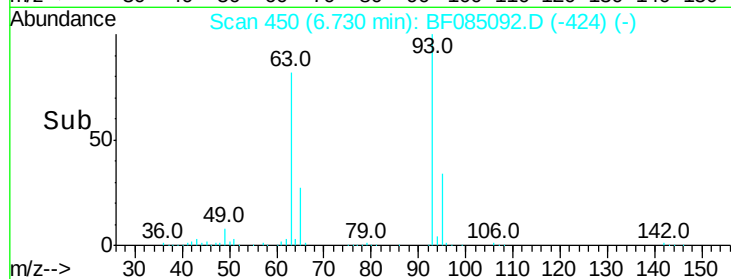
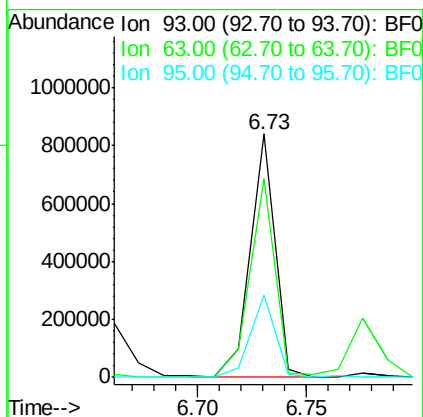
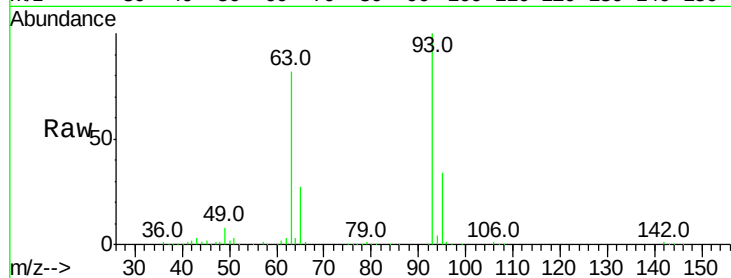




#11
bis(2-Chloroethyl)ether
Concen: 53.15 ng
RT: 6.73 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

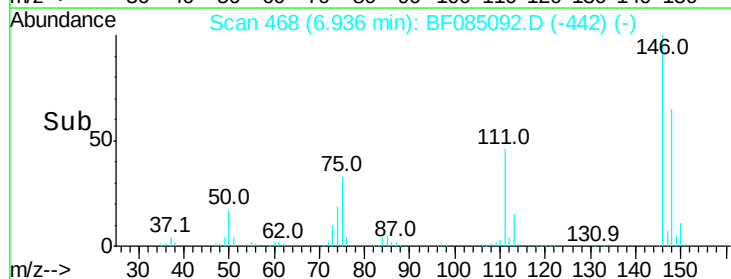
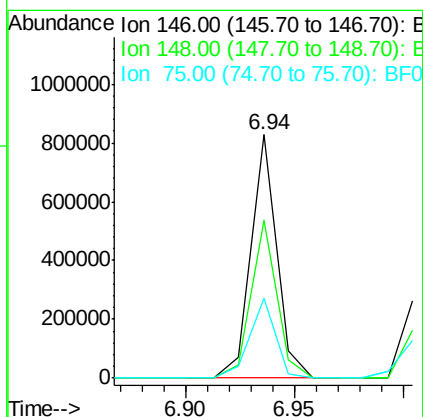
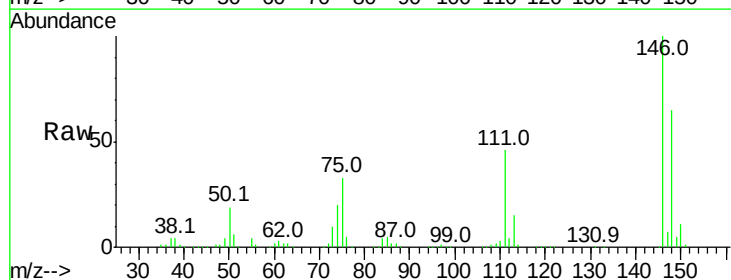
Instrument :
BNA_F
ClientSampled :

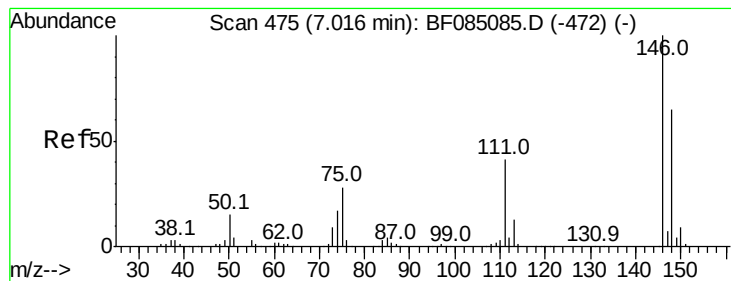
Tot Ion: 93 Resp: 656770
Ion Ratio Lower Upper
93 100
63 81.8 53.6 93.6
95 33.6 10.1 50.1



#12
1,3-Dichlorobenzene
Concen: 50.77 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Tgt Ion: 146 Resp: 680220
Ion Ratio Lower Upper
146 100
148 64.8 53.1 79.7
75 33.0 24.4 36.6





#13

1,4-Dichlorobenzene

Concen: 53.51 ng

RT: 7.02 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampleID :

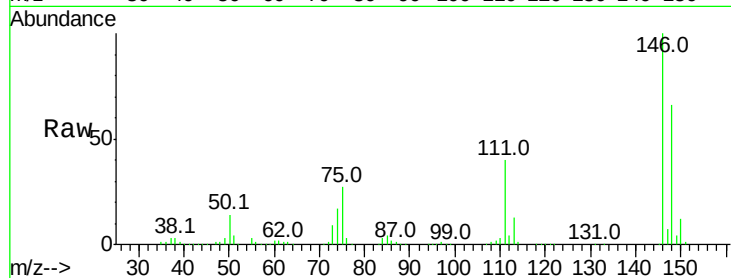
Tot Ion:146 Resp: 728085

Ion Ratio Lower Upper

146 100

148 66.0 50.3 75.5

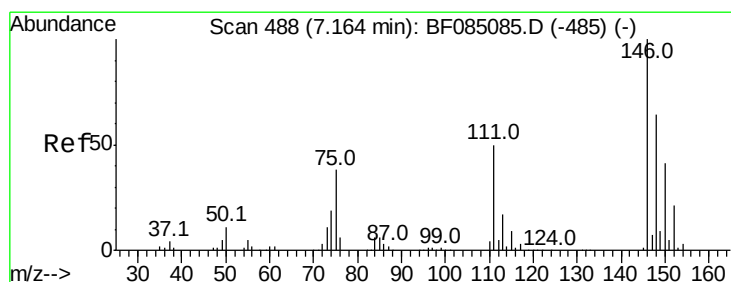
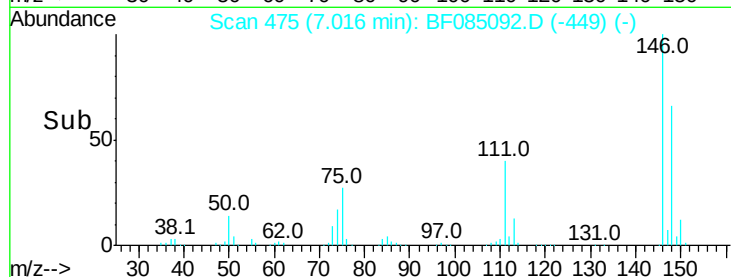
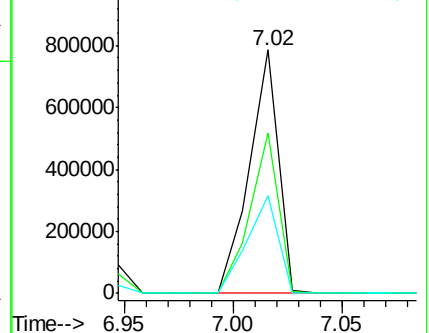
111 40.3 33.6 50.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 49.33 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

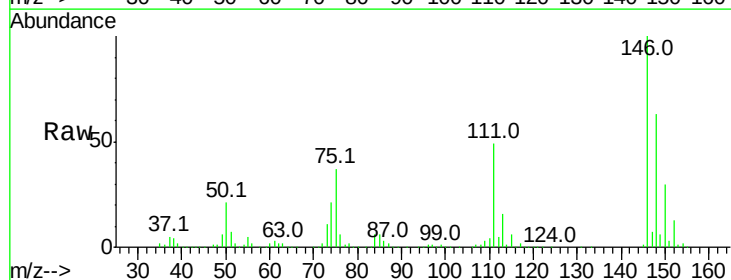
Tgt Ion:146 Resp: 621543

Ion Ratio Lower Upper

146 100

148 63.1 51.5 77.3

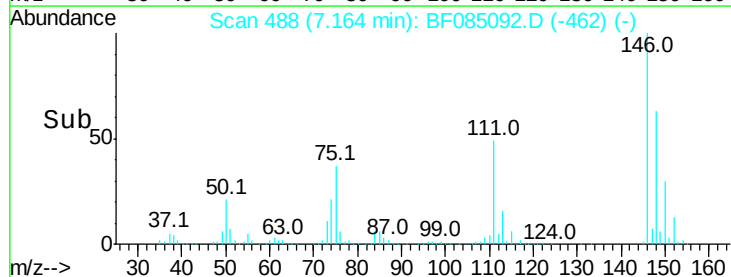
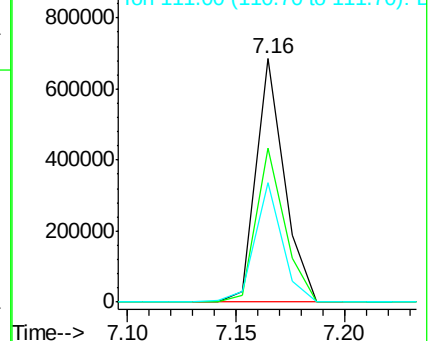
111 48.9 36.5 54.7

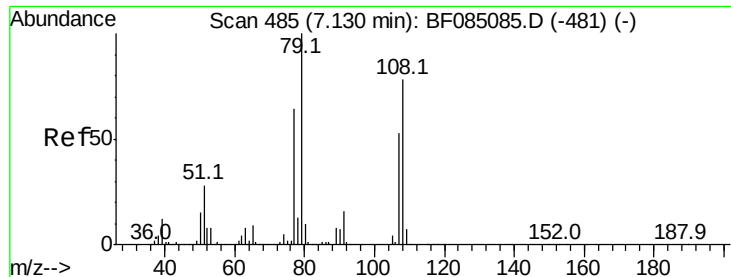


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 57.36 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampleId :

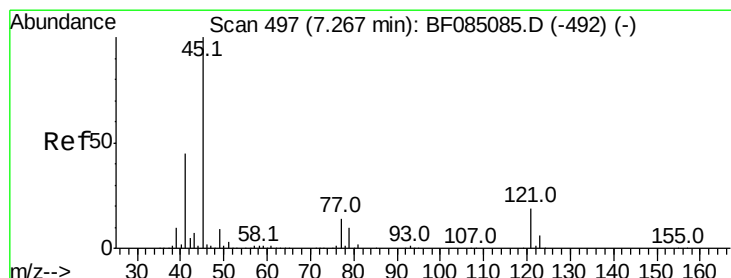
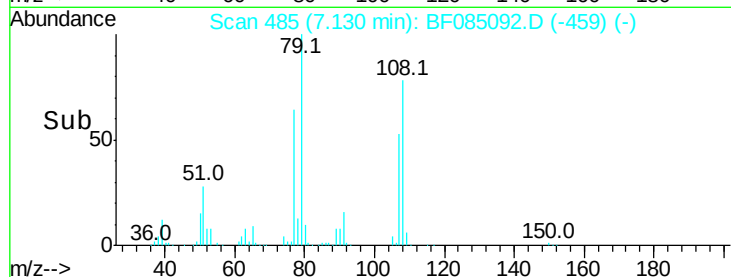
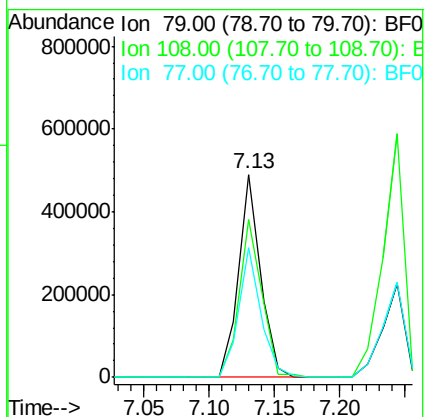
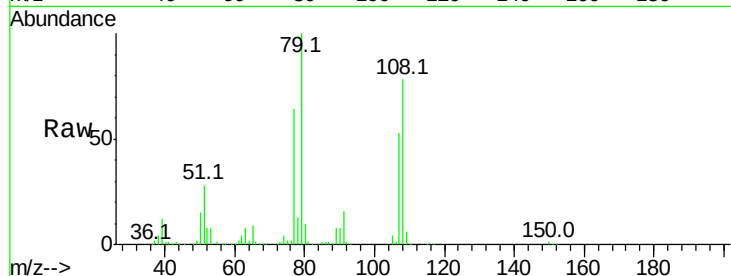
Tot Ion: 79 Resp: 570247

Ion Ratio Lower Upper

79 100

108 78.0 63.4 95.0

77 63.7 51.8 77.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 52.27 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

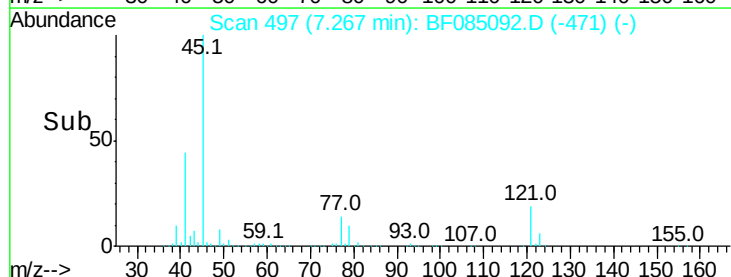
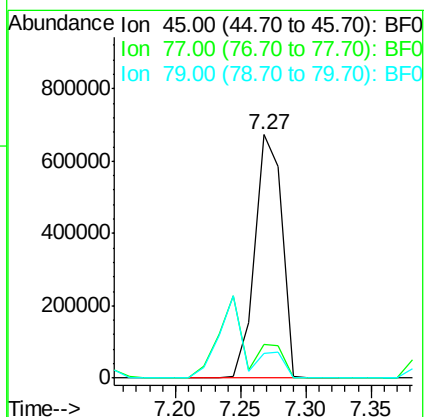
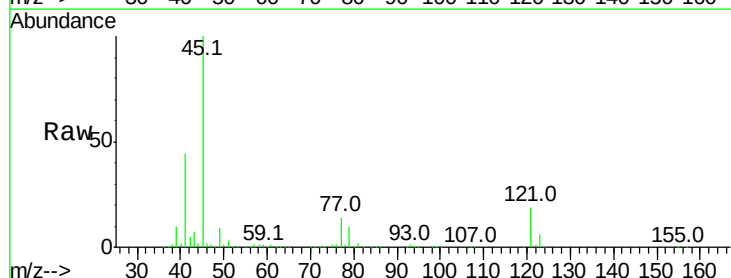
Tgt Ion: 45 Resp: 976321

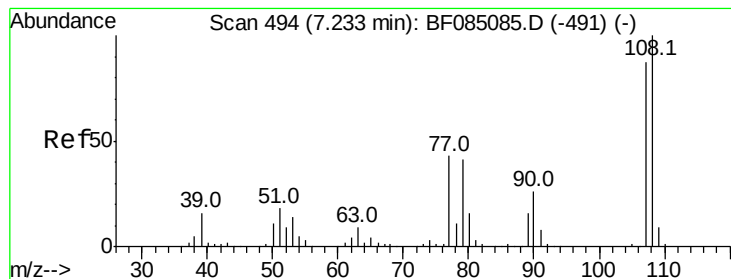
Ion Ratio Lower Upper

45 100

77 13.9 0.0 35.2

79 10.2 0.0 33.7

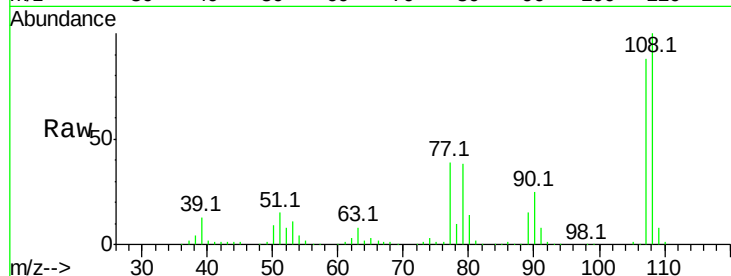




#17
2-Methylphenol
Concen: 58.47 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.01 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.2	97.0	145.4
77	43.9	50.5	75.7#
79	43.6	50.1	75.1#



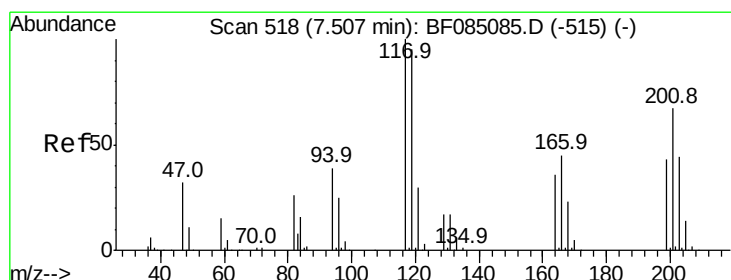
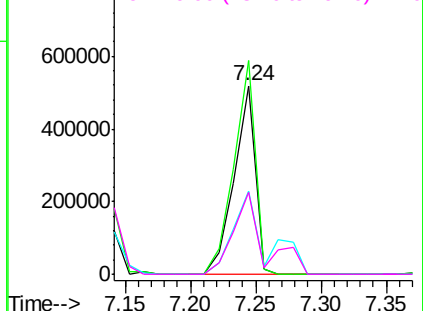
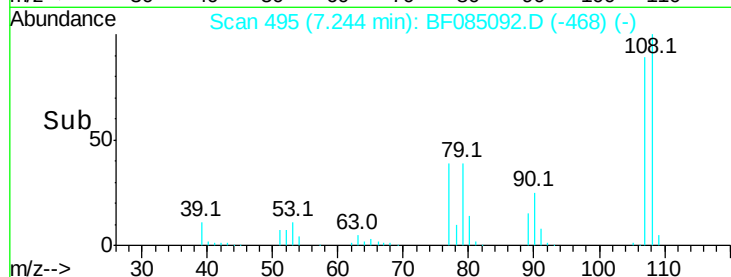
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

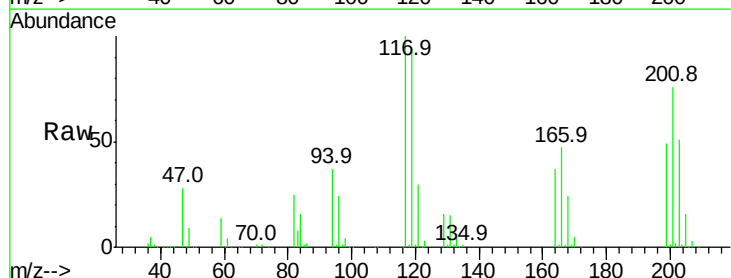
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 52.13 ng
RT: 7.51 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	74.5	111.7
201	76.4	80.9	121.3#

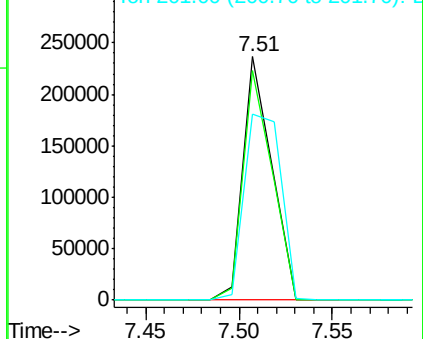
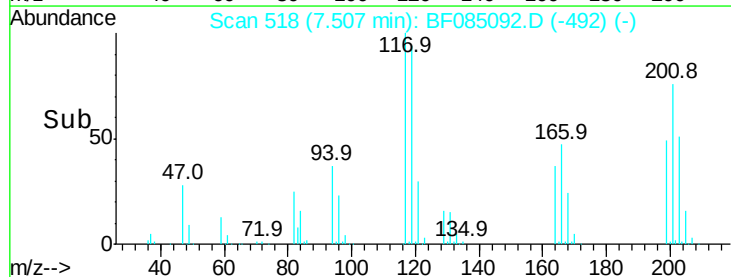


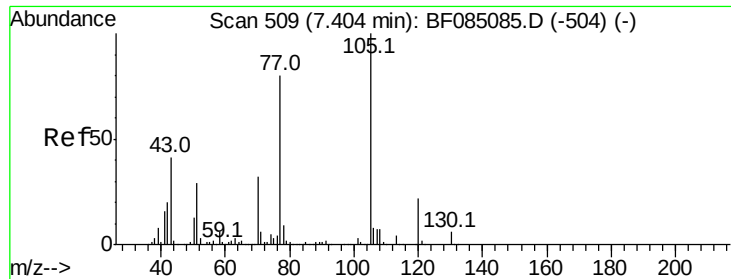
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

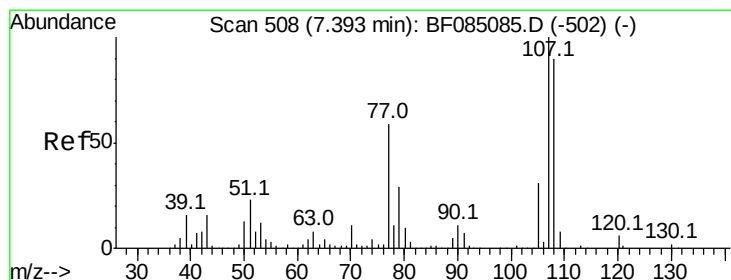
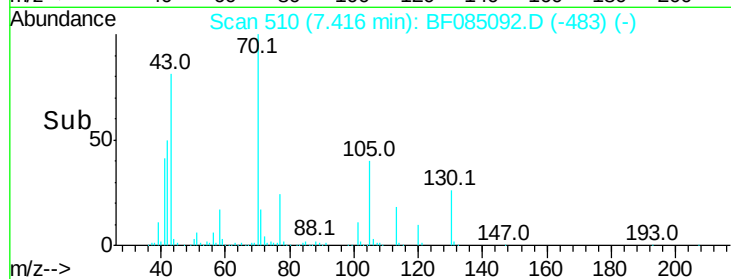
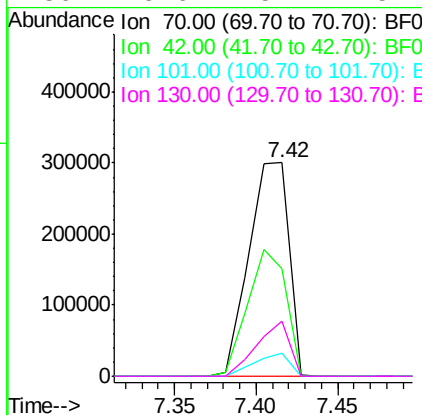
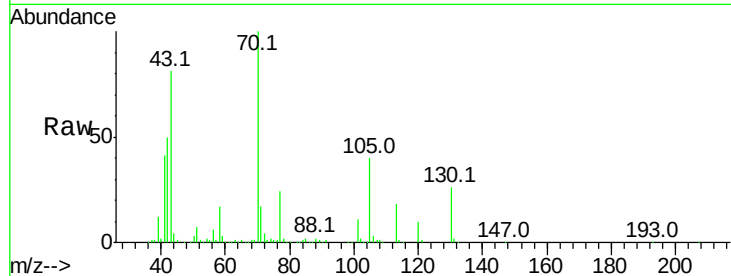




#19
n-Nitroso-di-n-propylamine
Concen: 55.25 ng
RT: 7.42 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

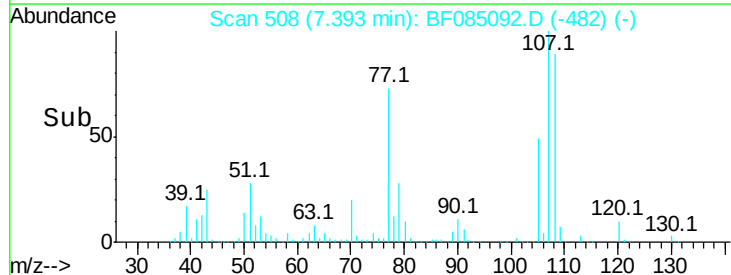
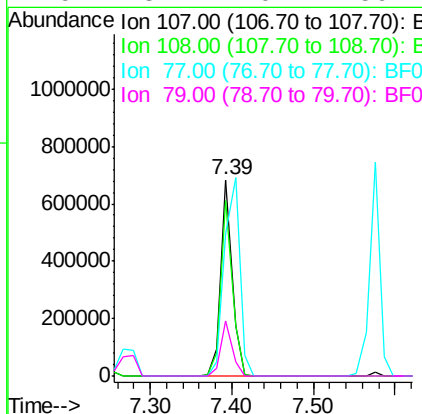
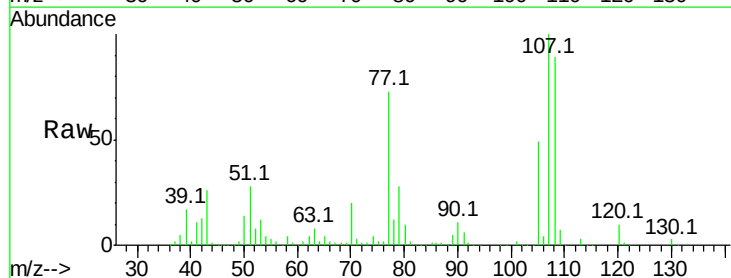
Instrument :
BNA_F
ClientSampleId :

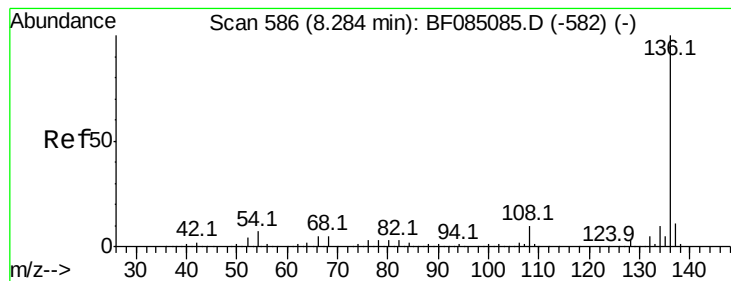
Tot Ion: 70 Resp: 510770
Ion Ratio Lower Upper
70 100
42 50.4 55.8 83.6#
101 10.6 7.7 11.5
130 25.6 15.4 23.2#



#20
3+4-Methylphenols
Concen: 52.64 ng
RT: 7.39 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Tgt Ion:107 Resp: 657281
Ion Ratio Lower Upper
107 100
108 89.4 74.4 114.4
77 72.8 46.9 86.9
79 28.2 10.4 50.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 586

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 756447

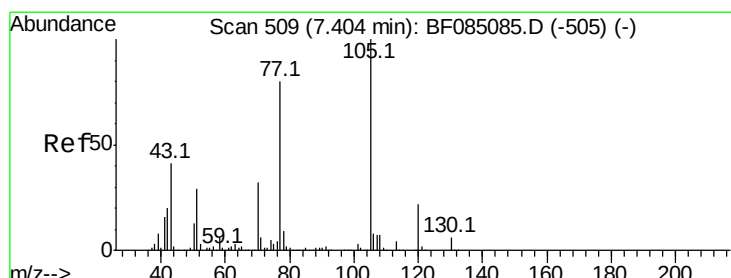
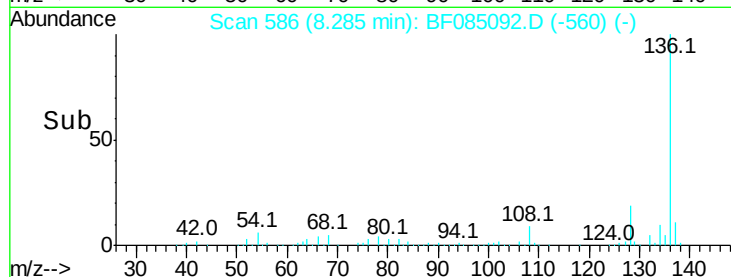
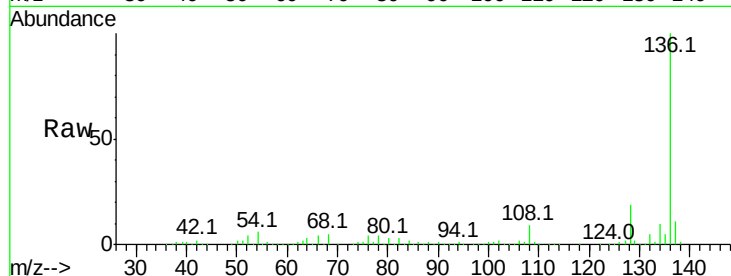
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.4	6.1	9.1
68	5.2	3.5	5.3

Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 47.29 ng

RT: 7.40 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Tgt Ion:105 Resp: 891253

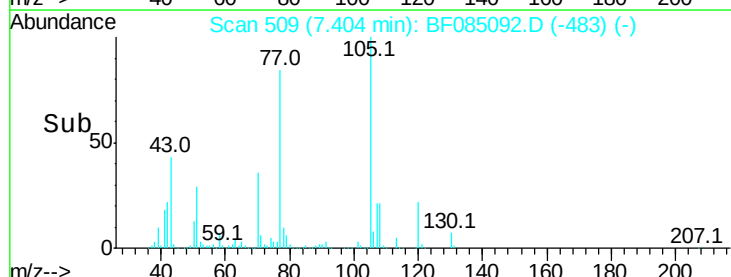
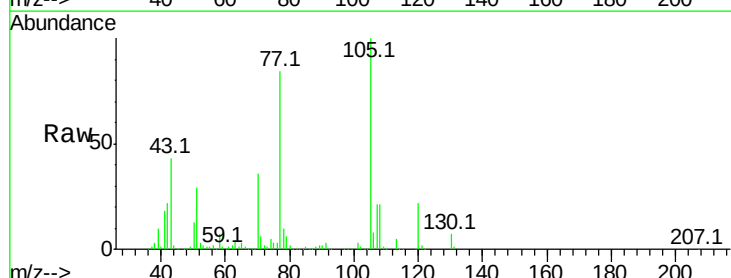
Ion	Ratio	Lower	Upper
105	100		
71	6.0	7.5	11.3#
51	29.4	23.1	34.7
120	21.8	15.9	23.9

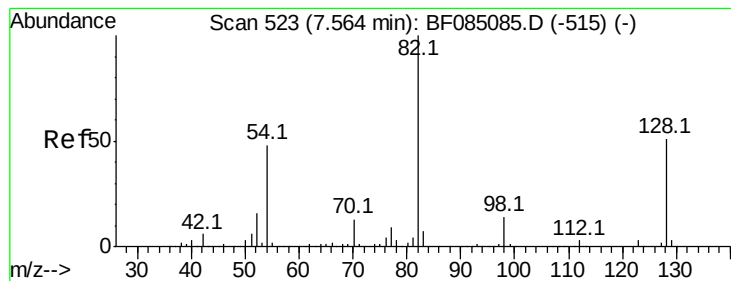
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 113.74 ng

RT: 7.56 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampleId :

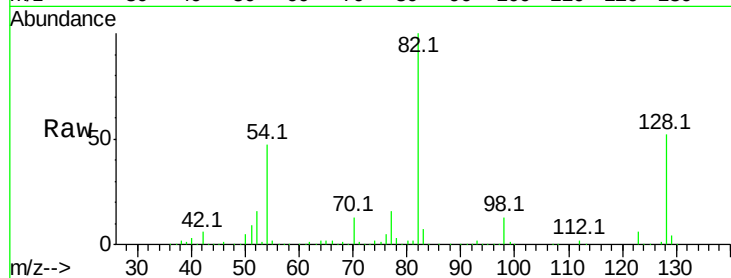
Tot Ion: 82 Resp: 1403744

Ion Ratio Lower Upper

82 100

128 51.6 36.8 55.2

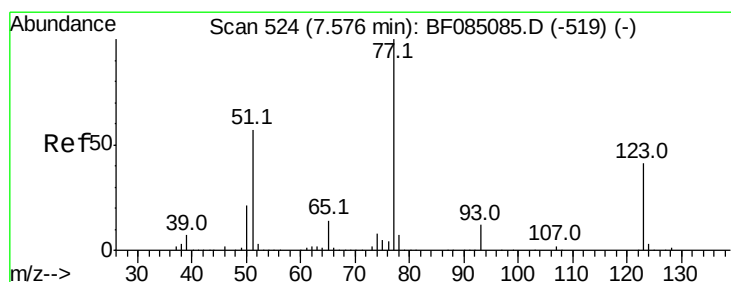
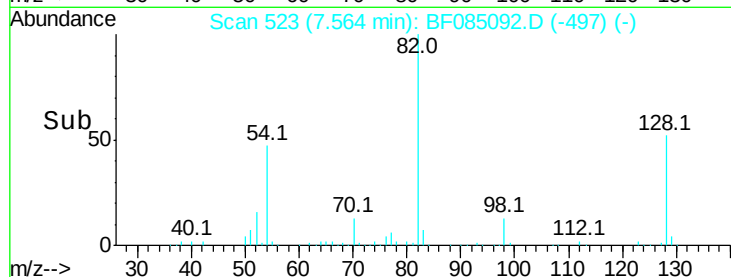
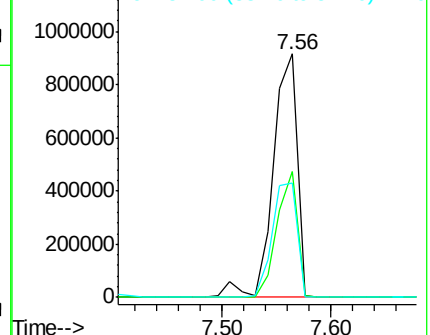
54 46.7 44.4 66.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 52.83 ng

RT: 7.58 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

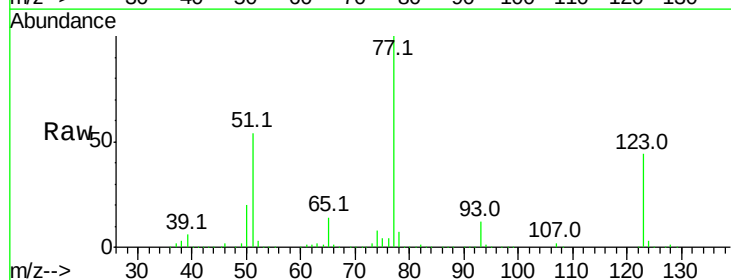
Tgt Ion: 77 Resp: 666767

Ion Ratio Lower Upper

77 100

123 43.8 36.5 54.7

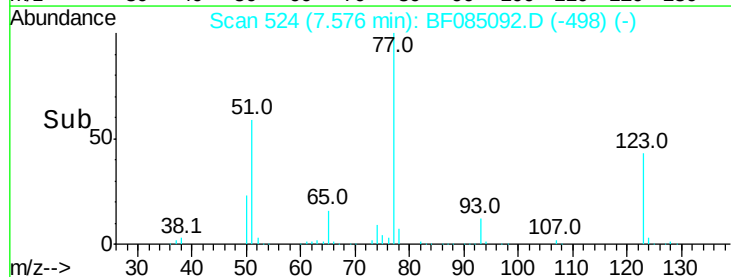
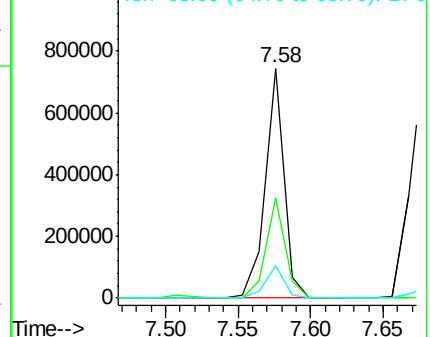
65 13.8 10.9 16.3

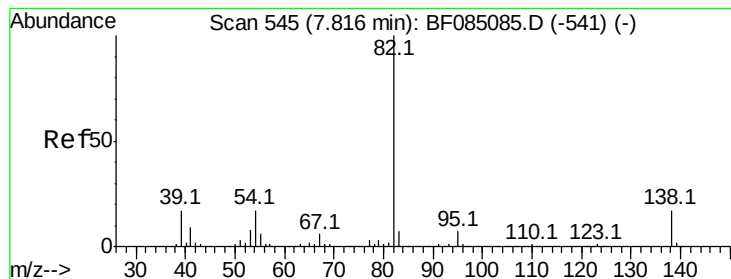


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 50.30 ng

RT: 7.82 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

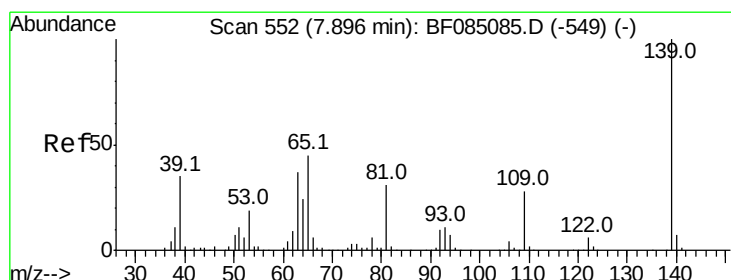
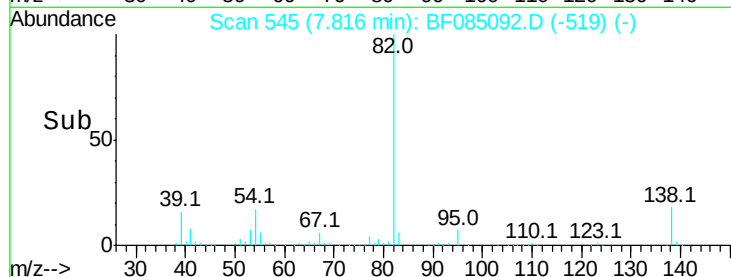
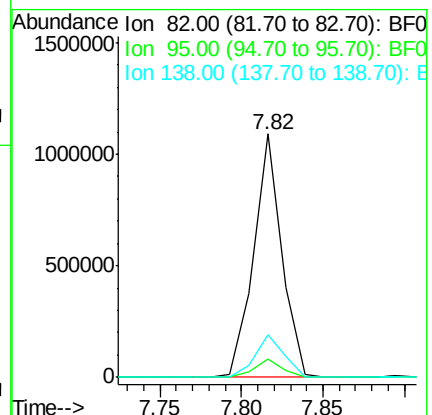
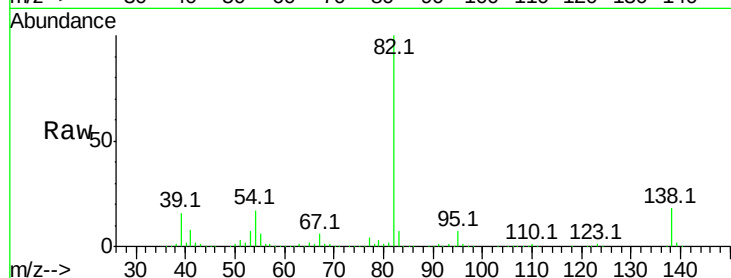
Instrument :

BNA_F

ClientSampled :

Tot Ion: 82 Resp: 1297267

Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.1	9.1
138	17.6	13.1	19.7



#26

2-Nitrophenol

Concen: 60.70 ng

RT: 7.90 min Scan# 552

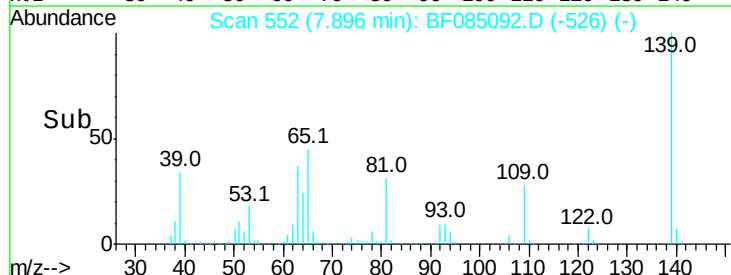
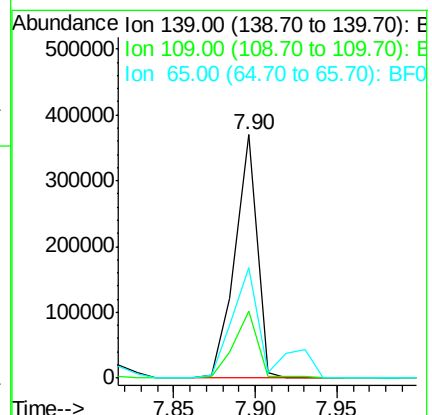
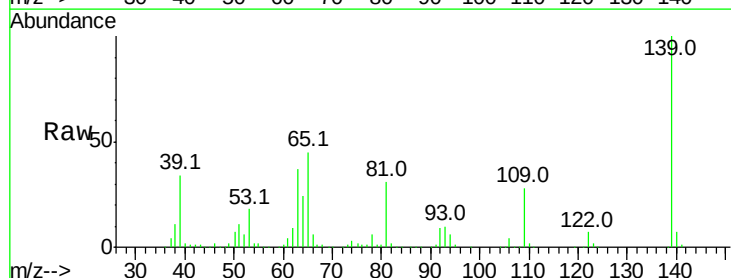
Delta R.T. 0.00 min

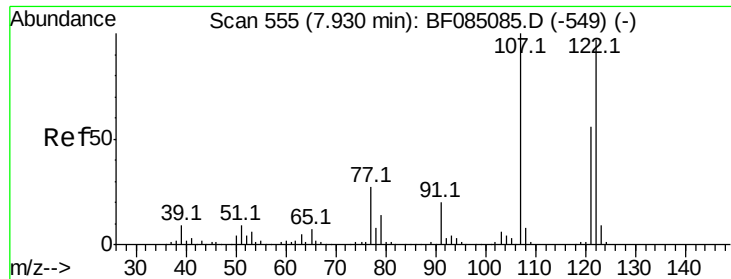
Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Tgt Ion:139 Resp: 345842

Ion	Ratio	Lower	Upper
139	100		
109	27.7	23.4	35.2
65	45.4	42.3	63.5





#27

2,4-Dimethylphenol

Concen: 53.81 ng

RT: 7.93 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampleId :

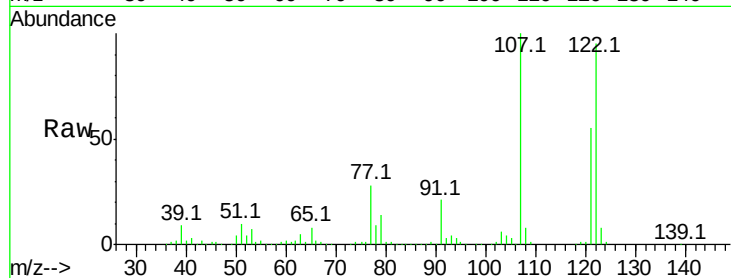
Tot Ion:122 Resp: 659384

Ion Ratio Lower Upper

122 100

107 105.7 91.8 137.8

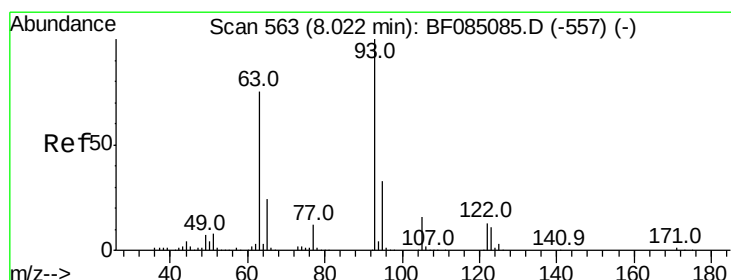
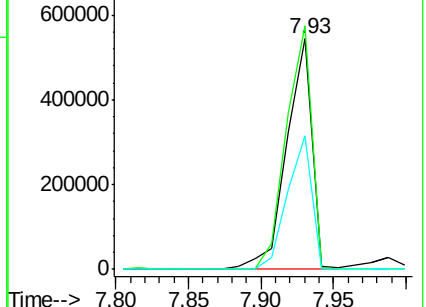
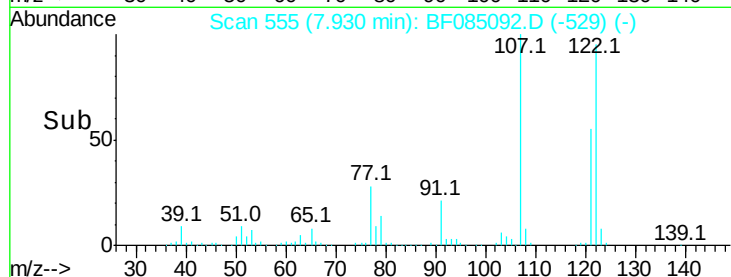
121 58.2 45.0 67.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 50.55 ng

RT: 8.02 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

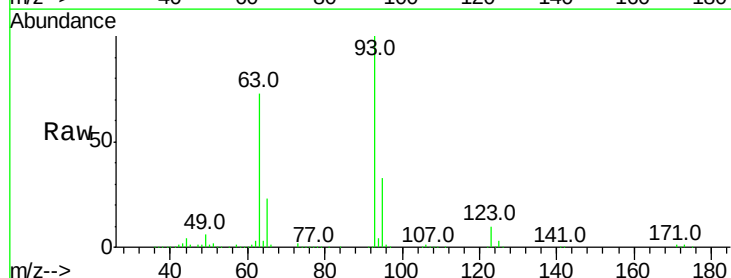
Tgt Ion: 93 Resp: 773112

Ion Ratio Lower Upper

93 100

95 32.9 25.6 38.4

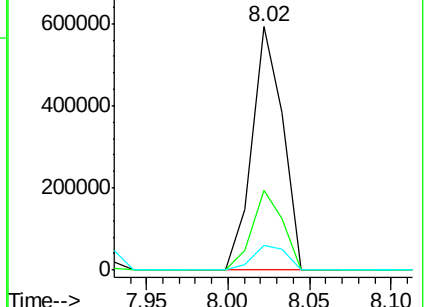
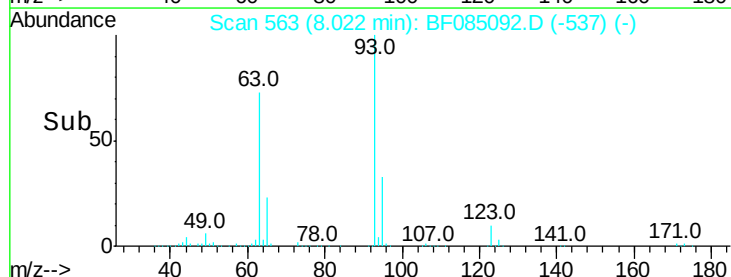
123 10.3 8.7 13.1

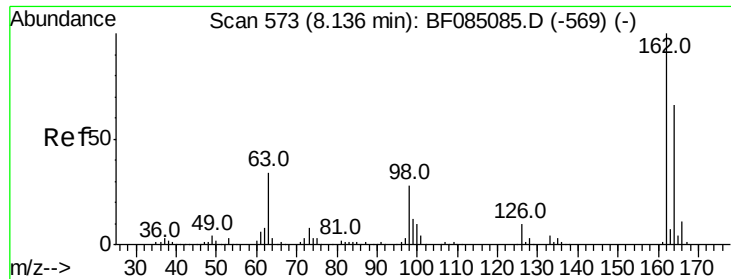


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

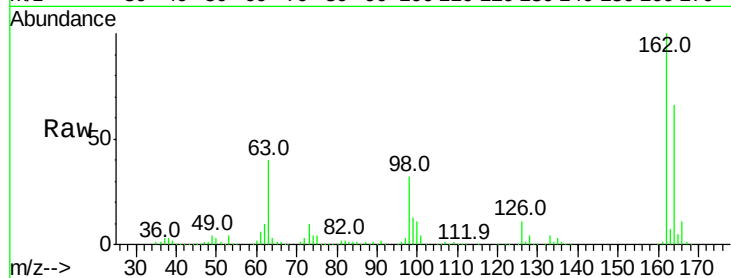




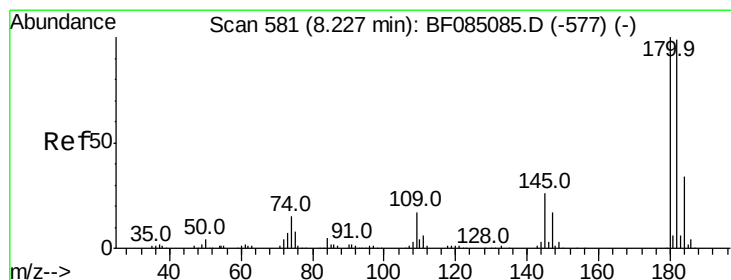
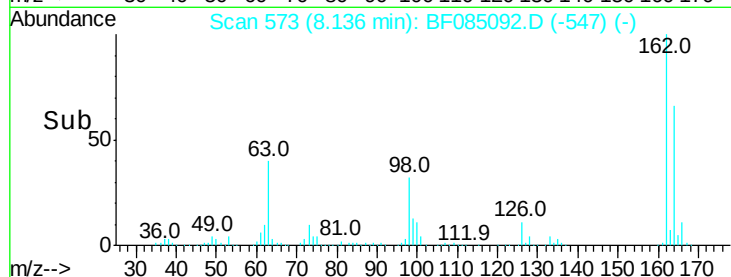
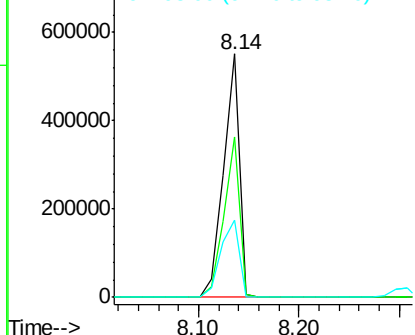
#29
 2,4-Dichlorophenol
 Concen: 57.19 ng
 RT: 8.14 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF085092.D
 Acq: 17 Feb 2016 17:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	42.8	82.8
98	31.7	17.6	57.6

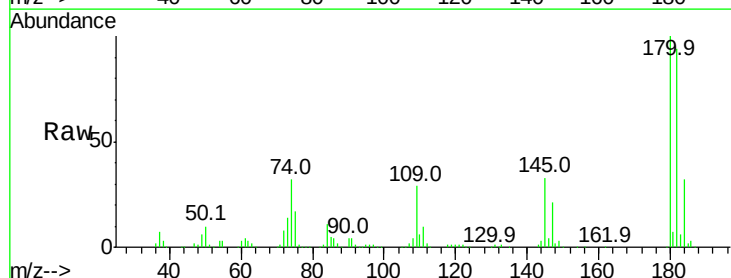


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

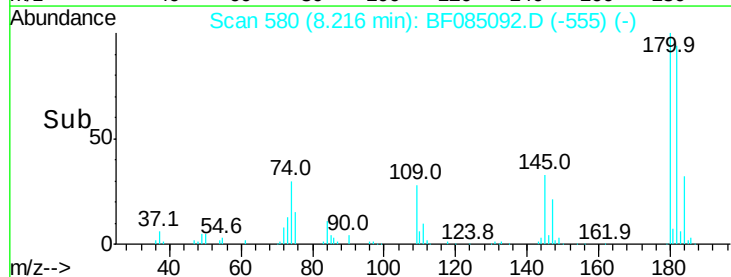
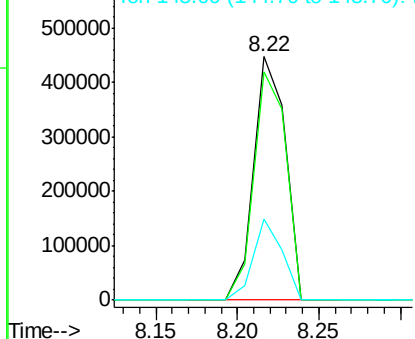


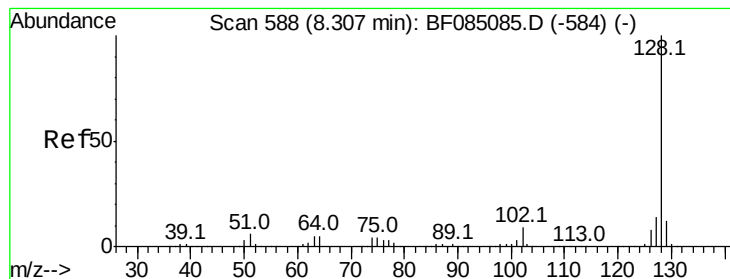
#30
 1,2,4-Trichlorobenzene
 Concen: 50.17 ng
 RT: 8.22 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: BF085092.D
 Acq: 17 Feb 2016 17:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.8	113.8
145	33.2	25.9	38.9



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





#31

Naphthalene

Concen: 52.60 ng

RT: 8.31 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampleId :

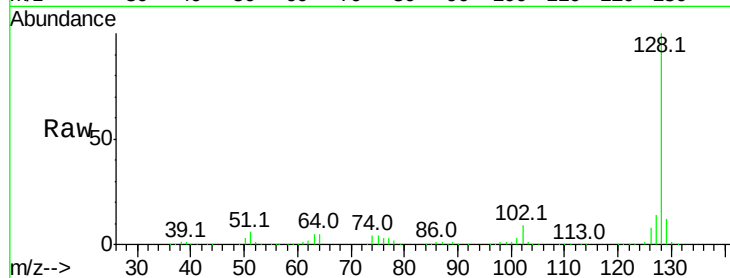
Tot Ion:128 Resp: 1912286

Ion Ratio Lower Upper

128 100

129 11.8 9.2 13.8

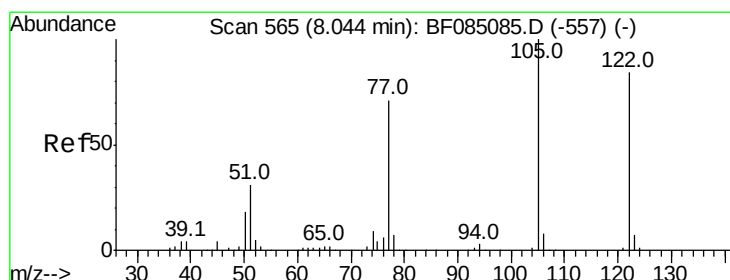
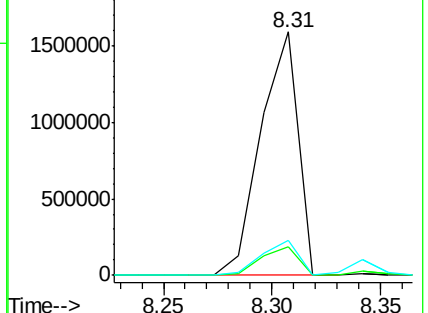
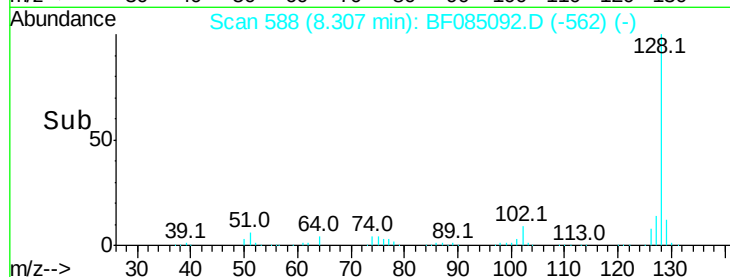
127 14.3 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 10.63 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.06 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

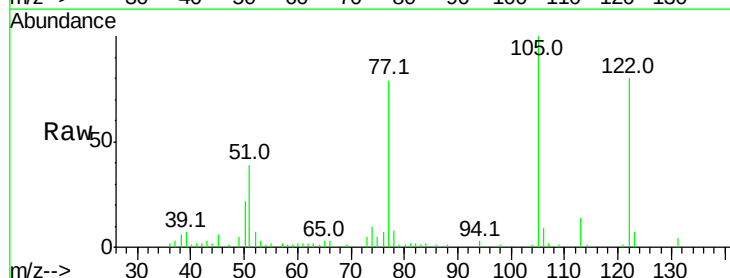
Tgt Ion:122 Resp: 42812

Ion Ratio Lower Upper

122 100

105 125.5 101.3 141.3

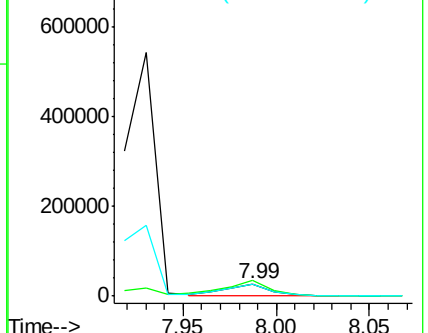
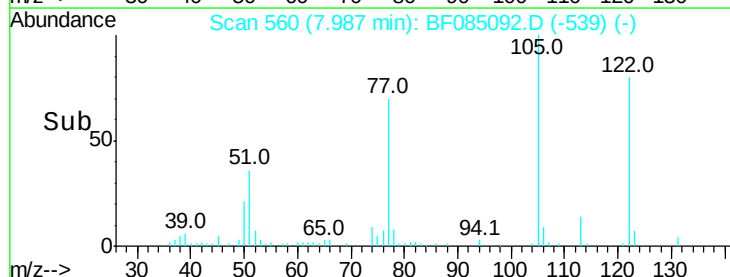
77 99.4 70.0 110.0

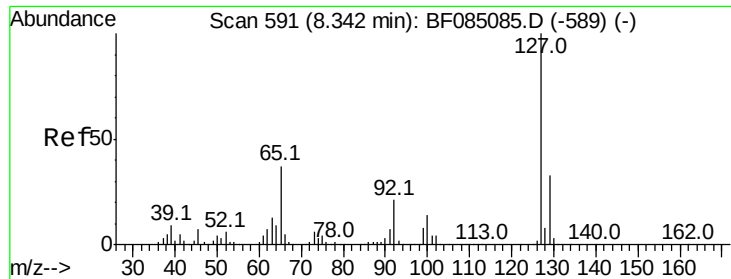


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

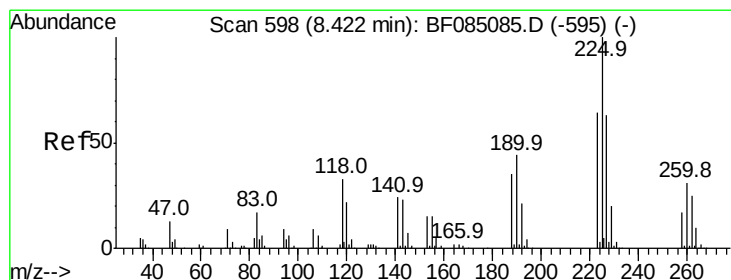
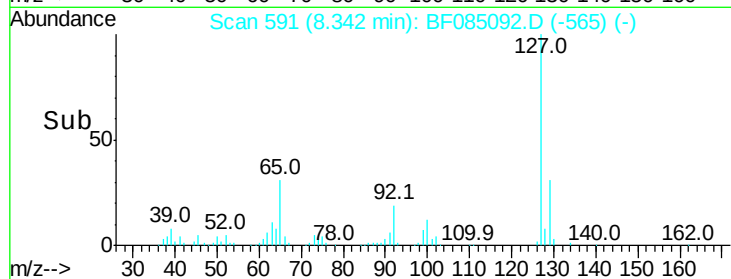
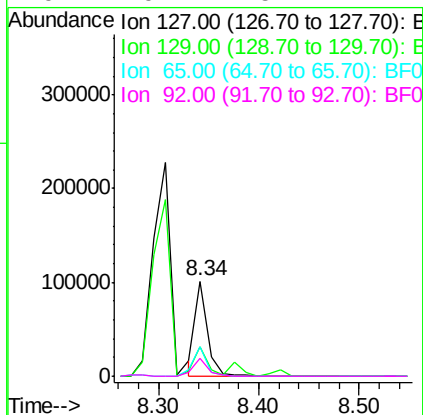
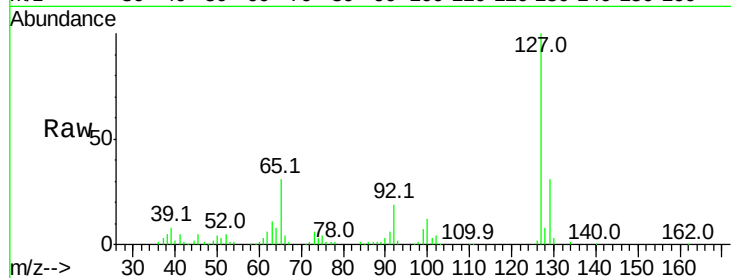




#33
4-Chloroaniline
Concen: 5.76 ng
RT: 8.34 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

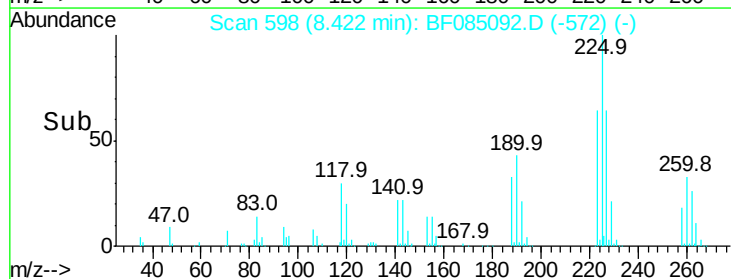
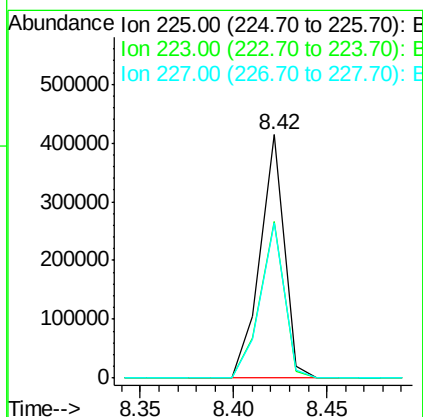
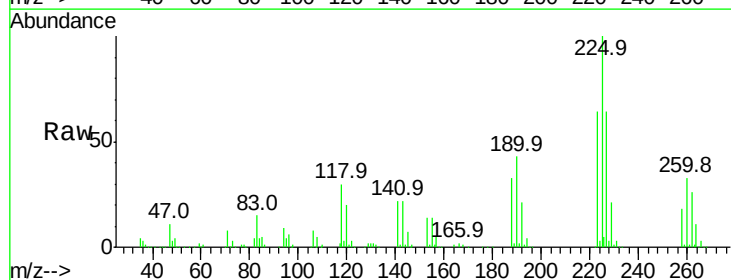
Instrument :
BNA_F
ClientSampleId :

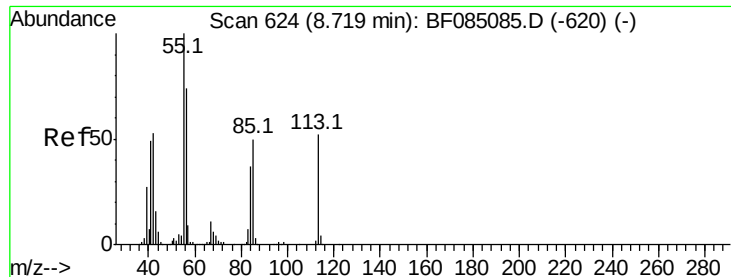
Tot Ion:	127	Resp:	89917
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.6	39.8
65	30.9	24.7	37.1
92	19.2	15.1	22.7



#34
Hexachlorobutadiene
Concen: 51.04 ng
RT: 8.42 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Tgt Ion:	225	Resp:	371346
Ion	Ratio	Lower	Upper
225	100		
223	64.1	48.6	73.0
227	63.9	48.9	73.3





#35

Caprolactam

Concen: 24.27 ng

RT: 8.76 min Scan# 628

Delta R.T. 0.05 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampleId :

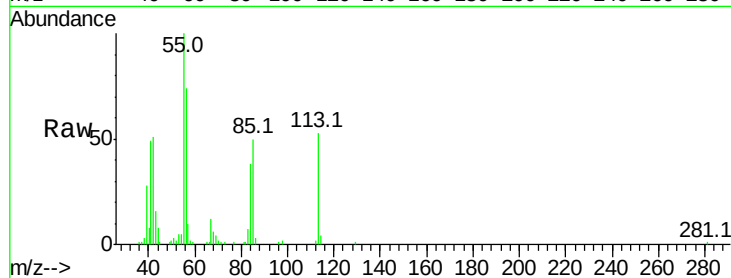
Tot Ion:113 Resp: 76620

Ion Ratio Lower Upper

113 100

55 190.4 173.1 213.1

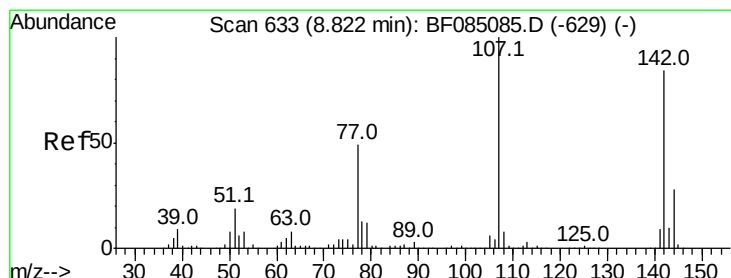
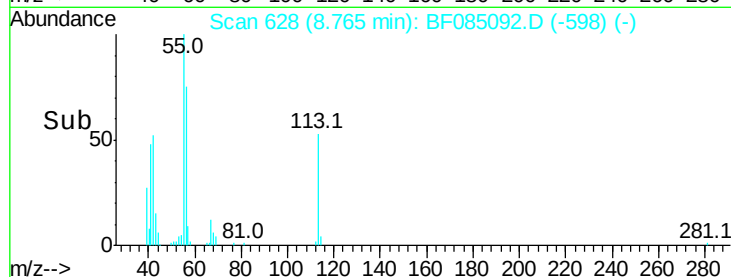
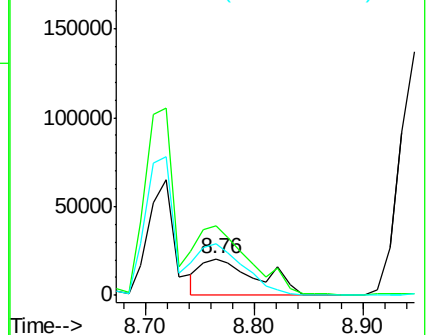
56 141.0 132.9 172.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 51.74 ng

RT: 8.82 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

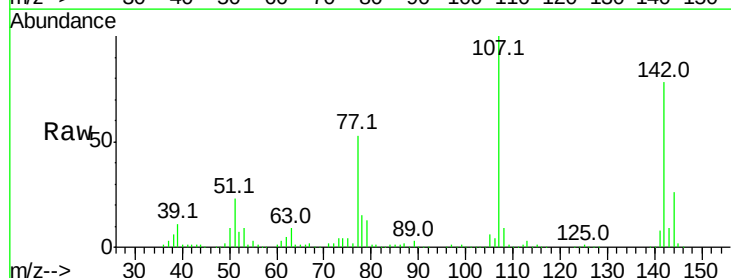
Tgt Ion:107 Resp: 590538

Ion Ratio Lower Upper

107 100

144 25.7 19.2 28.8

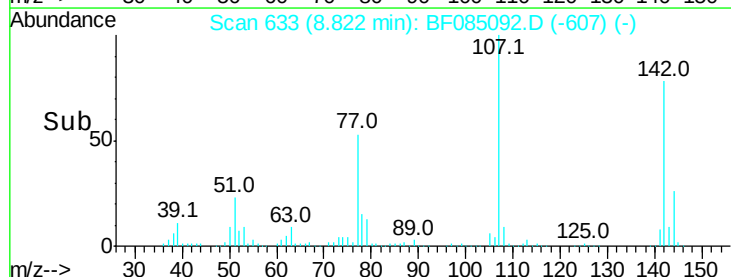
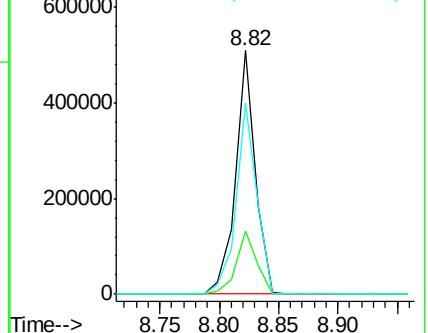
142 78.4 60.6 91.0

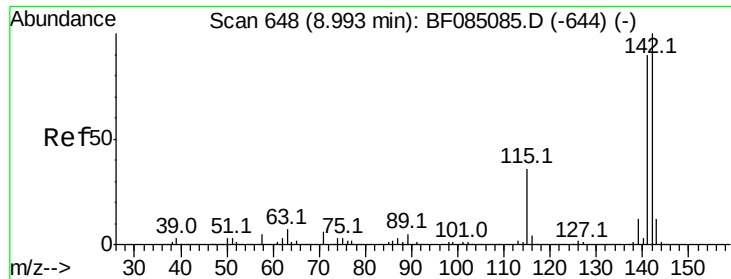


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

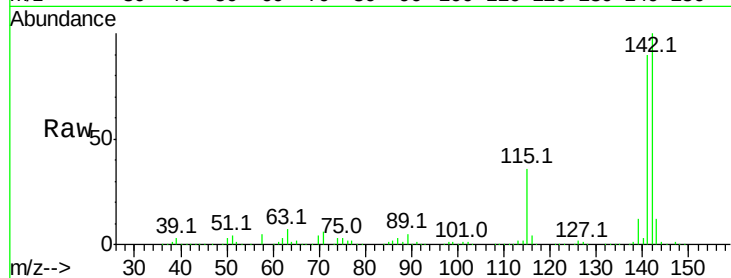




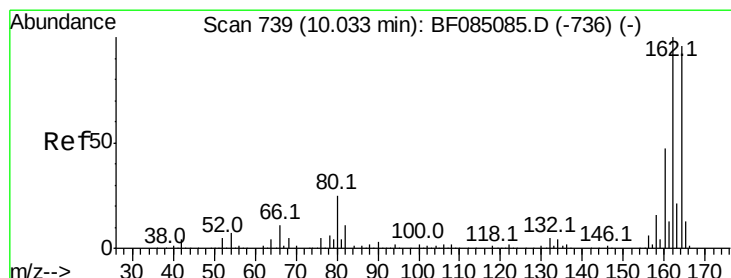
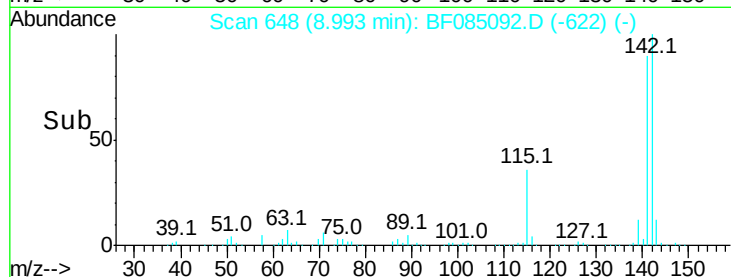
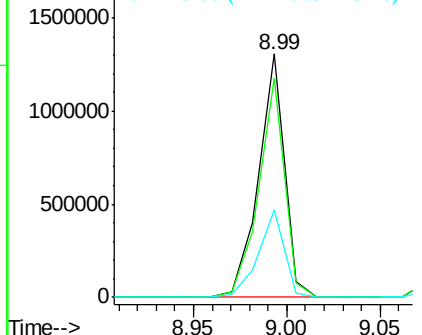
#37
2-Methylnaphthalene
Concen: 53.04 ng
RT: 8.99 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1253626
Ion Ratio Lower Upper
142 100
141 89.9 69.6 104.4
115 36.1 27.9 41.9

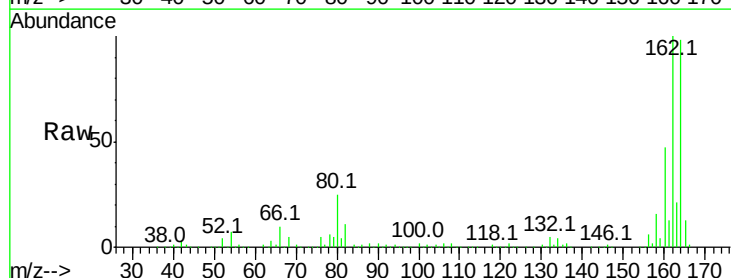


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

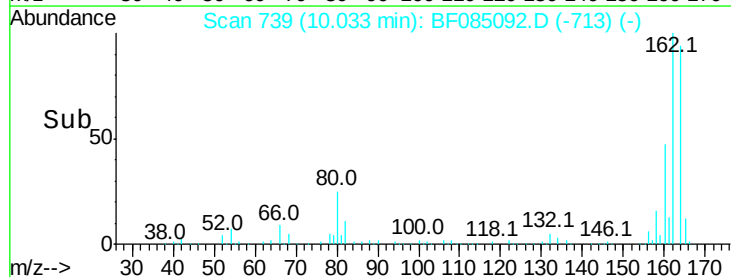
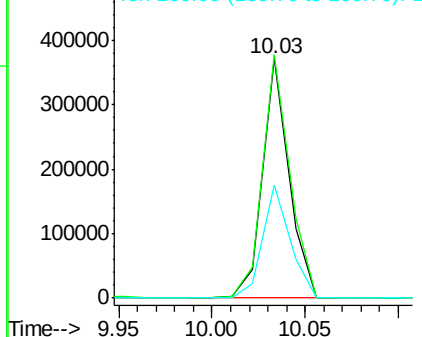


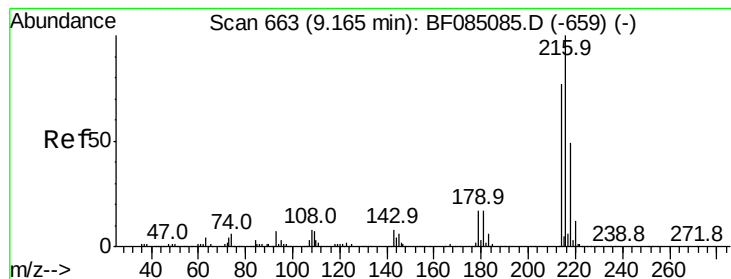
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Tgt Ion:164 Resp: 361909
Ion Ratio Lower Upper
164 100
162 101.7 81.1 121.7
160 47.3 37.4 56.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.08 ng

RT: 9.16 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 604429

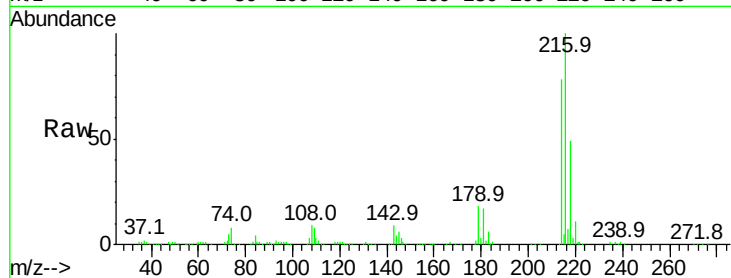
Ion Ratio Lower Upper

216 100

214 78.7 62.2 93.2

179 20.5 18.1 27.1

108 19.2 15.7 23.5

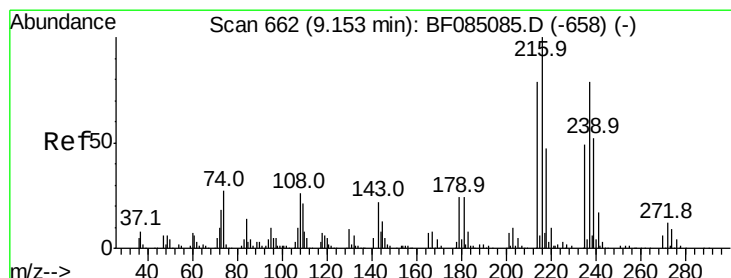
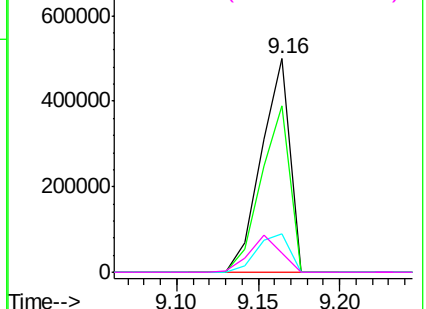
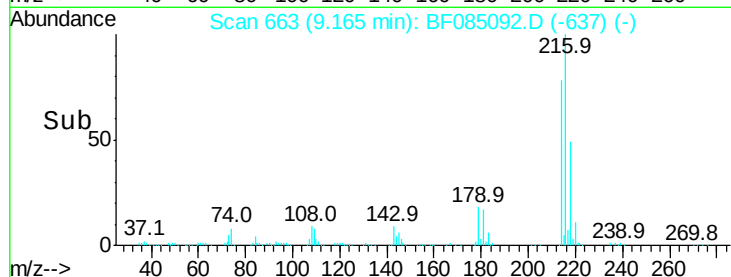


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 106.40 ng

RT: 9.15 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

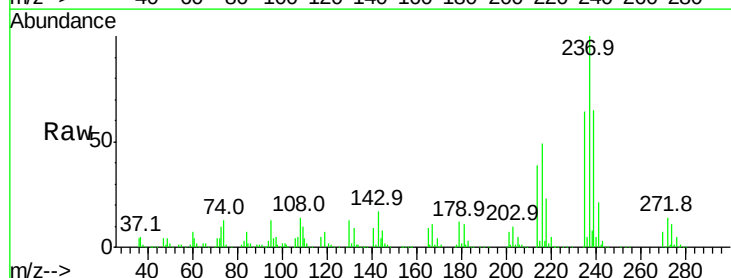
Tgt Ion:237 Resp: 702576

Ion Ratio Lower Upper

237 100

235 63.9 44.8 84.8

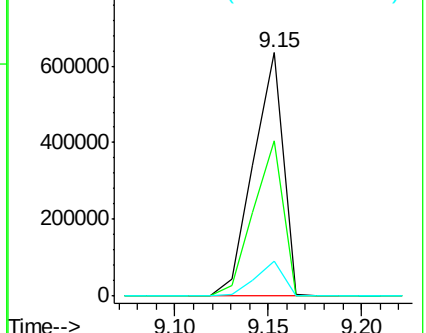
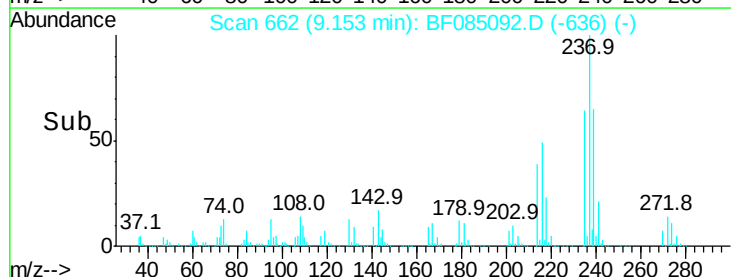
272 14.2 0.0 31.8

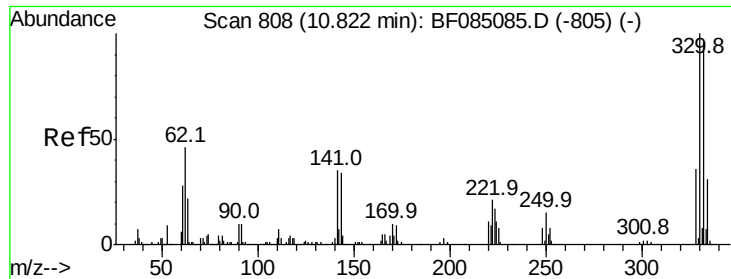


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

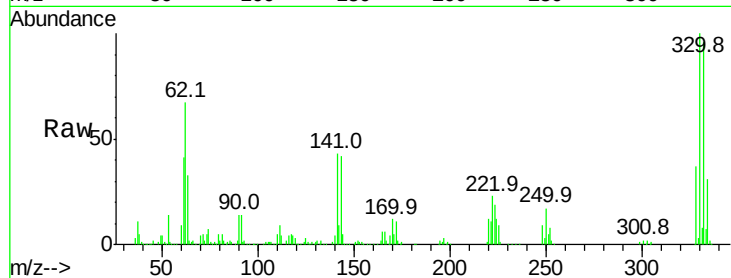




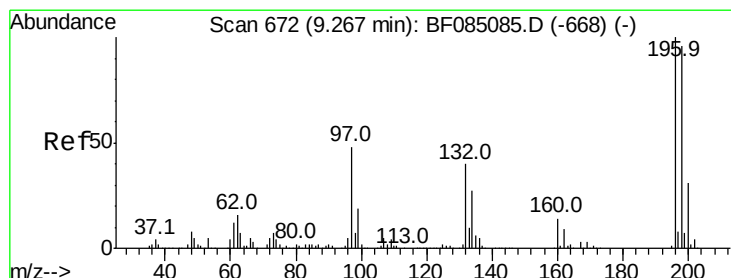
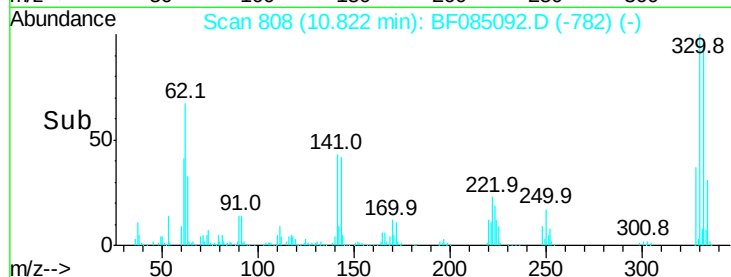
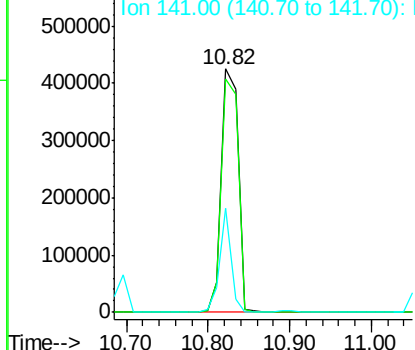
#41
 2,4,6-Tribromophenol
 Concen: 157.53 ng
 RT: 10.82 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF085092.D
 Acq: 17 Feb 2016 17:56

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.5	117.7
141	29.2	28.6	42.8

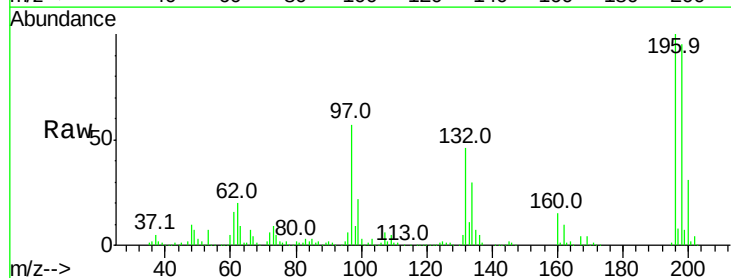


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

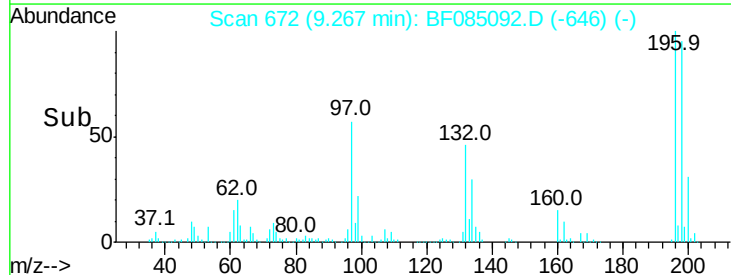
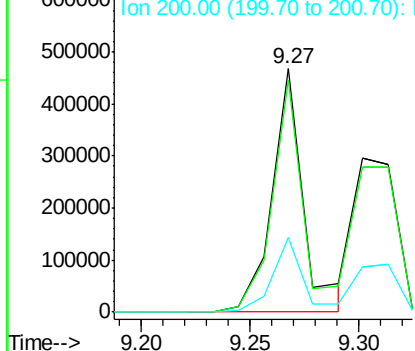


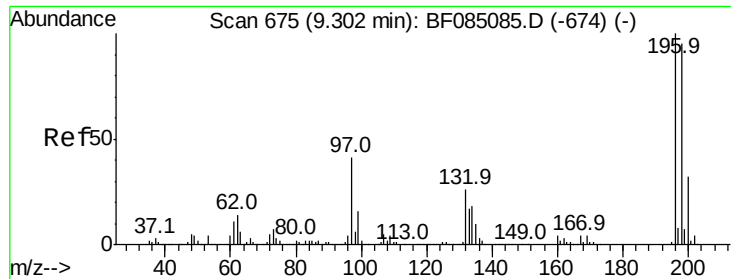
#42
 2,4,6-Trichlorophenol
 Concen: 60.24 ng
 RT: 9.27 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF085092.D
 Acq: 17 Feb 2016 17:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	81.0	121.6
200	30.7	26.3	39.5



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

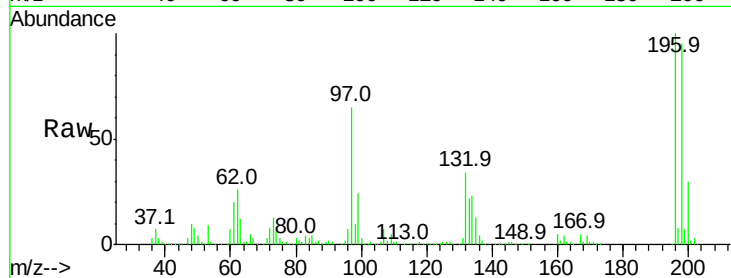




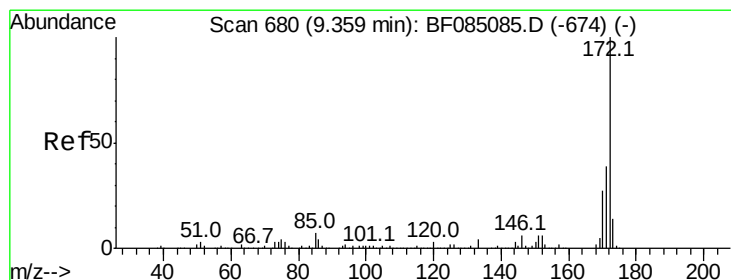
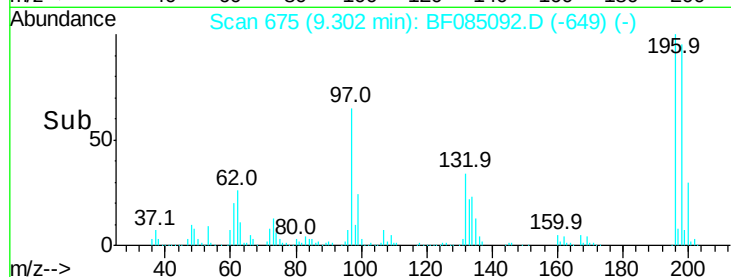
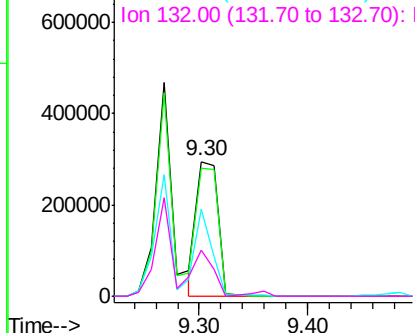
#43
 2,4,5-Trichlorophenol
 Concen: 52.62 ng
 RT: 9.30 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF085092.D
 Acq: 17 Feb 2016 17:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 405564
 Ion Ratio Lower Upper
 196 100
 198 94.6 79.7 119.5
 97 64.6 47.0 70.4
 132 33.8 26.4 39.6

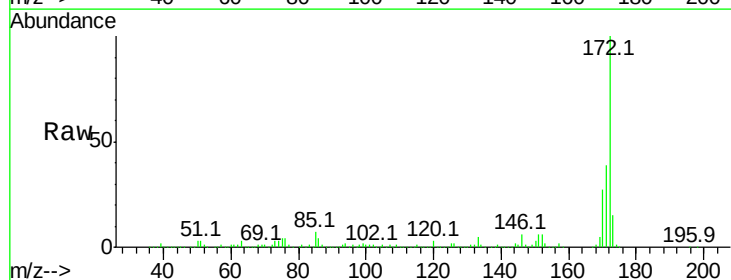


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

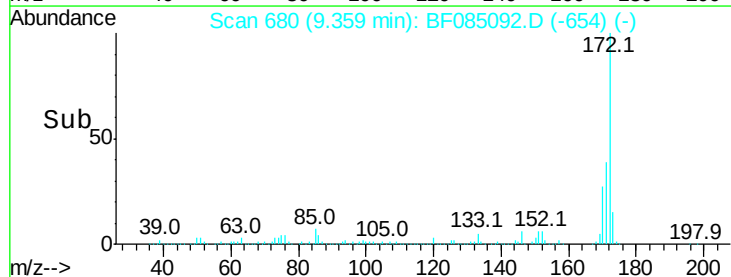
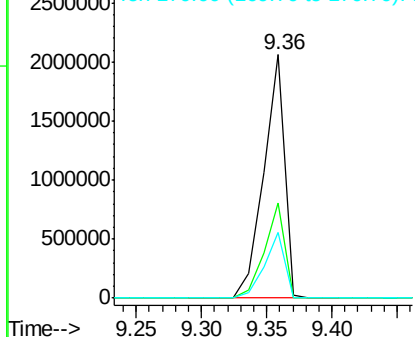


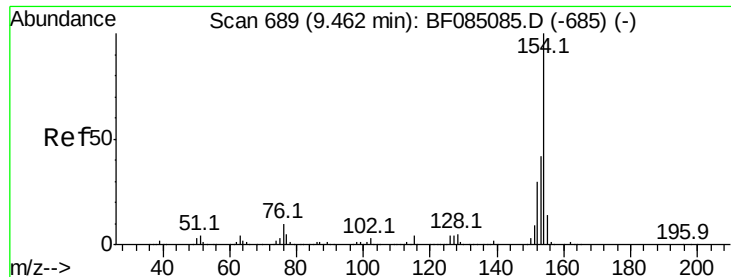
#44
 2-Fluorobiphenyl
 Concen: 94.30 ng
 RT: 9.36 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF085092.D
 Acq: 17 Feb 2016 17:56

Tgt Ion:172 Resp: 2309484
 Ion Ratio Lower Upper
 172 100
 171 38.9 29.1 43.7
 170 27.1 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 51.58 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampleId :

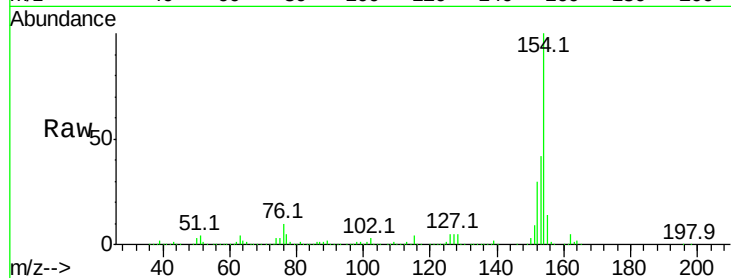
Tot Ion:154 Resp: 1596851

Ion Ratio Lower Upper

154 100

153 41.6 19.9 59.9

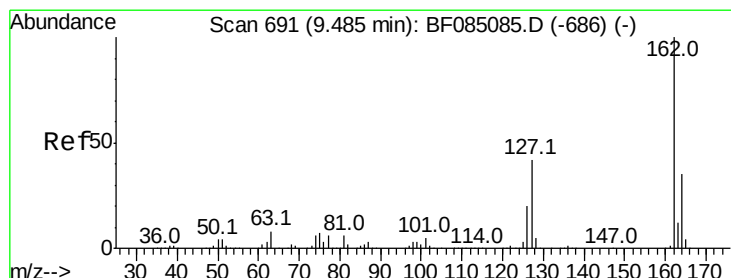
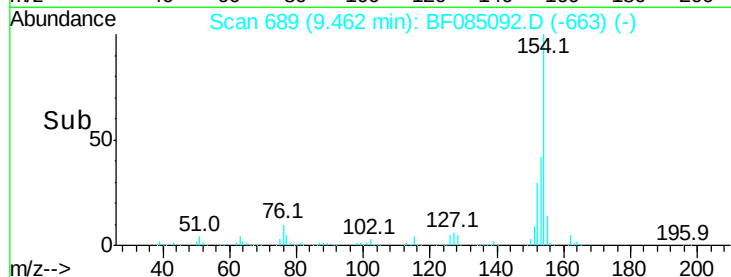
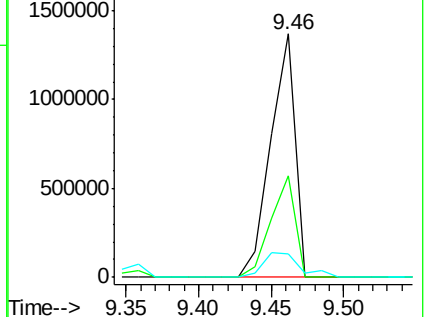
76 9.7 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 53.52 ng

RT: 9.48 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

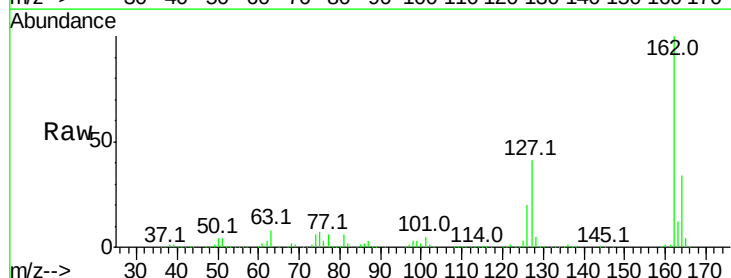
Tgt Ion:162 Resp: 1219089

Ion Ratio Lower Upper

162 100

127 40.9 34.8 52.2

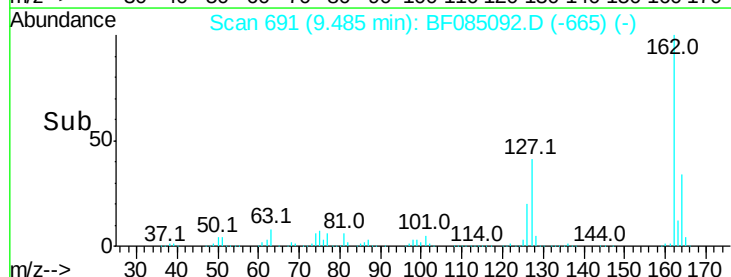
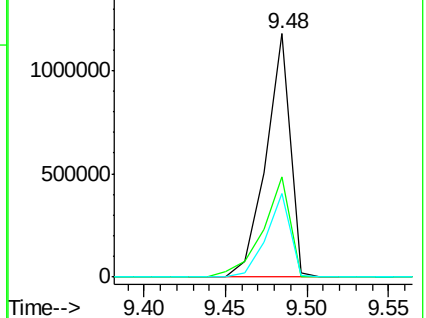
164 34.4 25.8 38.6

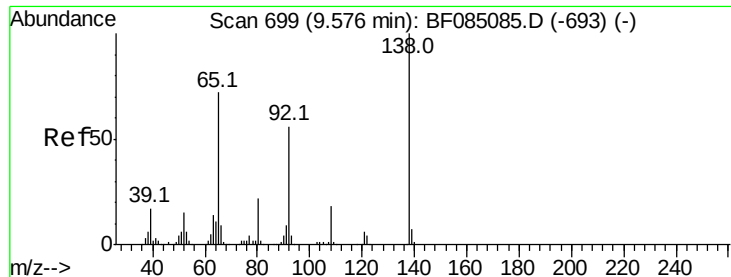


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 54.61 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampled :

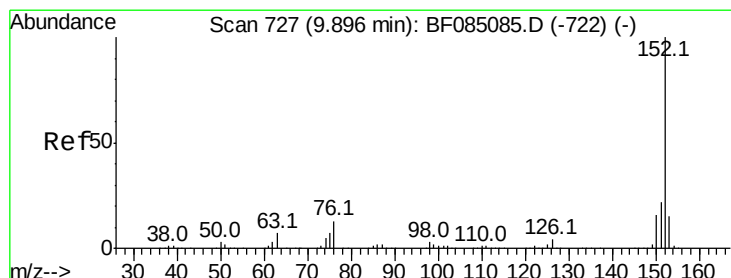
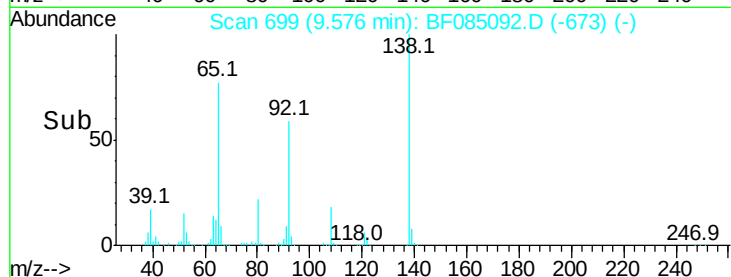
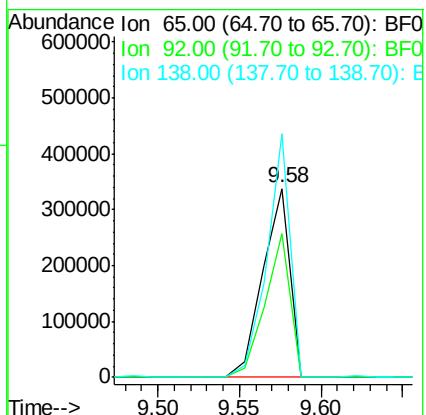
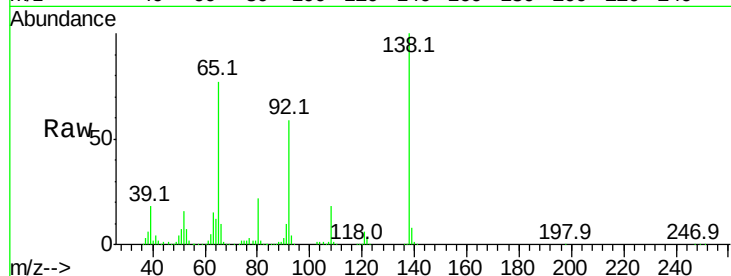
Tot Ion: 65 Resp: 389658

Ion Ratio Lower Upper

65 100

92 76.3 57.1 85.7

138 129.1 86.8 130.2



#48

Acenaphthylene

Concen: 47.69 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

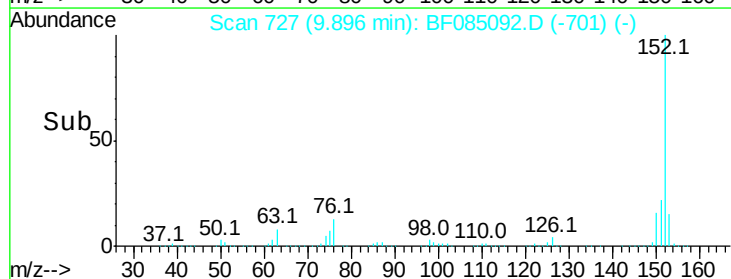
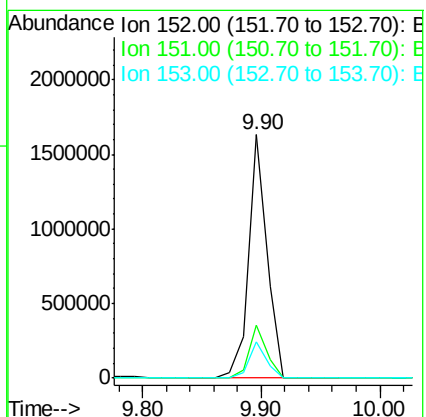
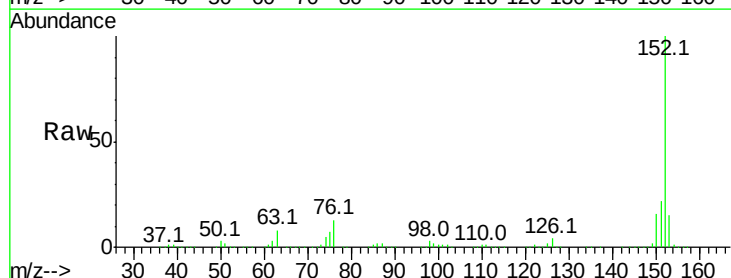
Tgt Ion: 152 Resp: 1756084

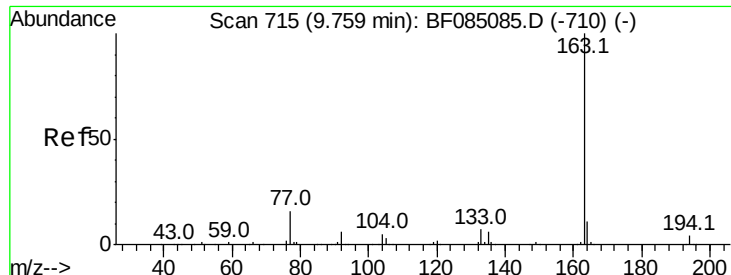
Ion Ratio Lower Upper

152 100

151 21.6 16.0 24.0

153 14.7 11.1 16.7

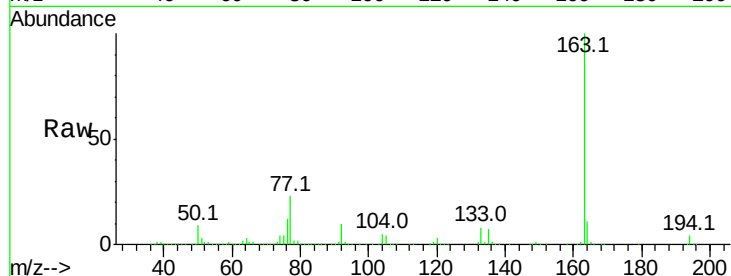




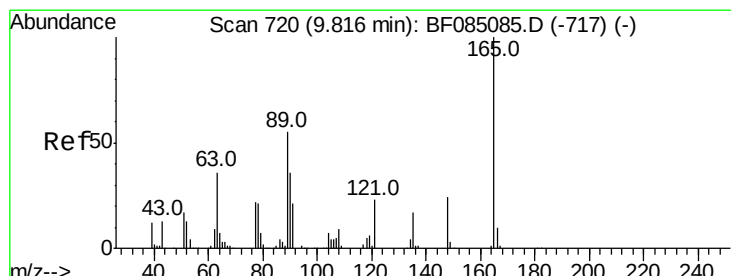
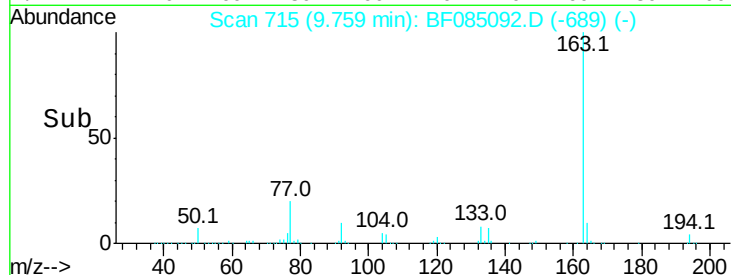
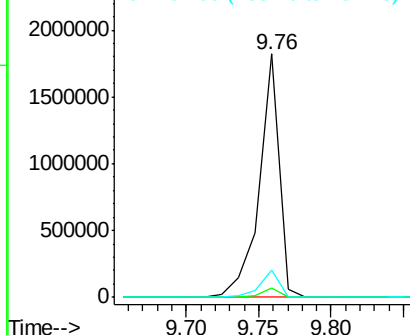
#49
Dimethylphthalate
Concen: 65.32 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1735188
Ion Ratio Lower Upper
163 100
194 3.9 2.5 3.7#
164 11.3 7.8 11.8

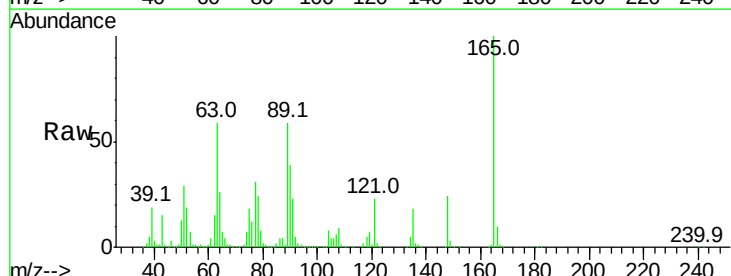


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

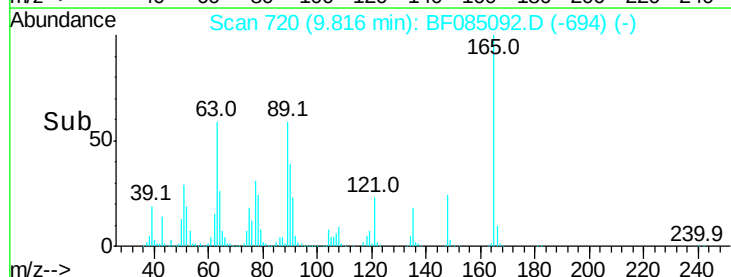
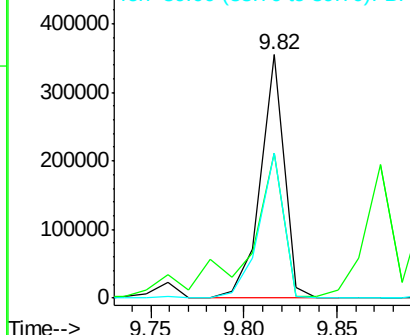


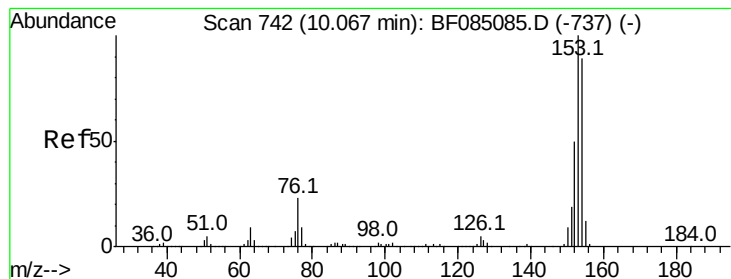
#50
2,6-Dinitrotoluene
Concen: 55.50 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Tgt Ion:165 Resp: 310429
Ion Ratio Lower Upper
165 100
63 59.4 47.5 71.3
89 59.4 42.9 64.3



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 50.02 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampleId :

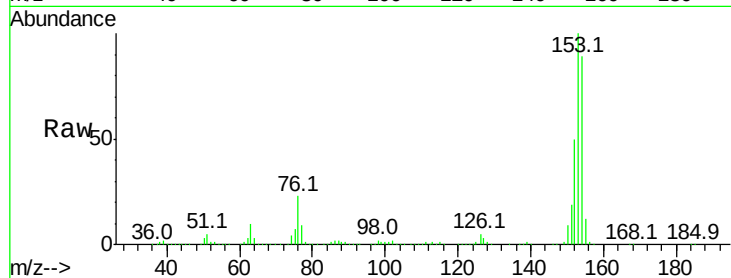
Tot Ion:154 Resp: 1135469

Ion Ratio Lower Upper

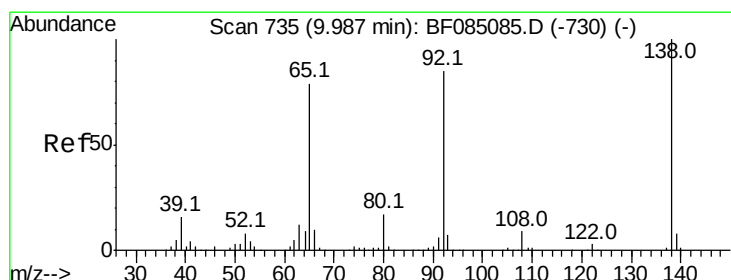
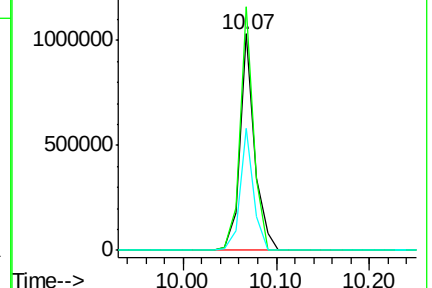
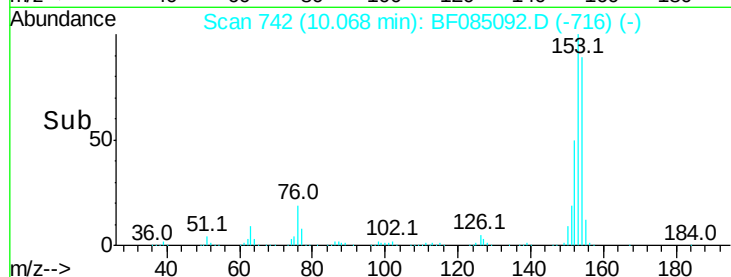
154 100

153 112.6 89.5 134.3

152 56.2 40.7 61.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.64 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

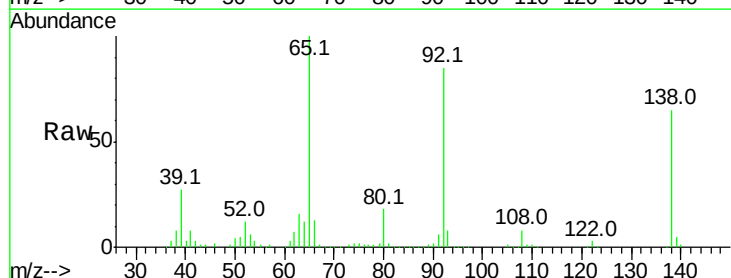
Tgt Ion:138 Resp: 105405

Ion Ratio Lower Upper

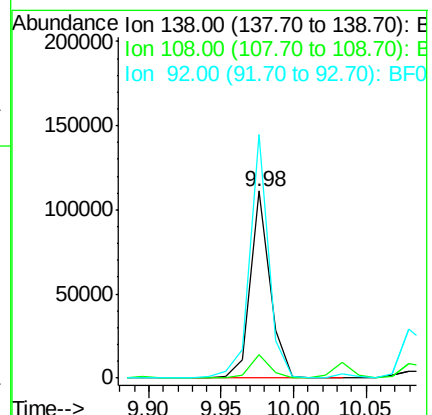
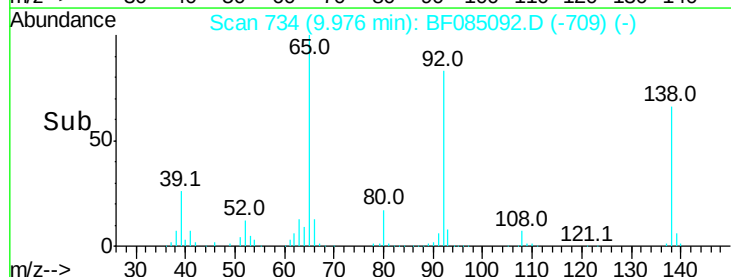
138 100

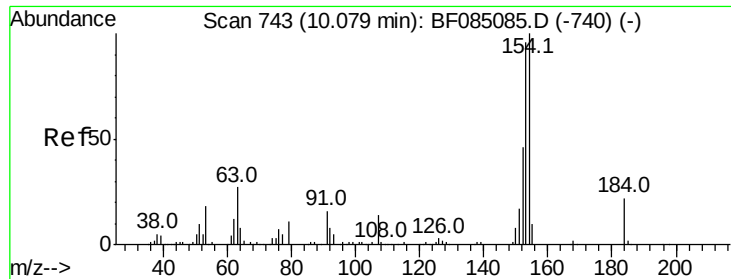
108 12.2 9.1 13.7

92 130.1 88.9 133.3



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

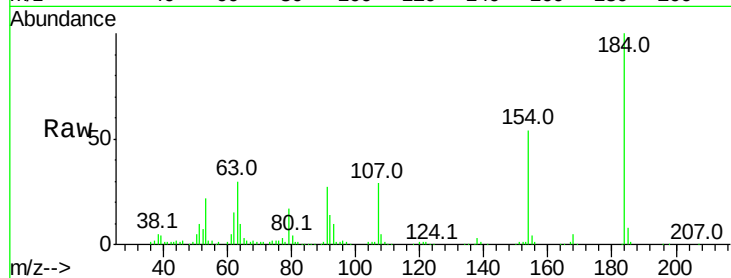




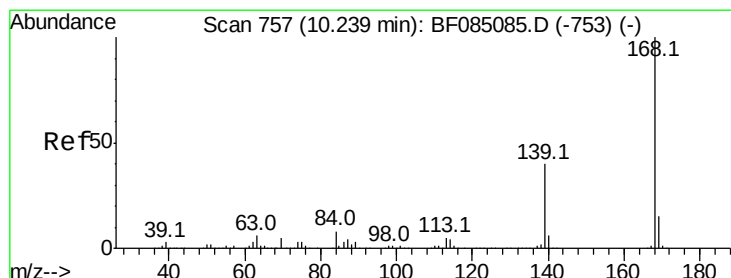
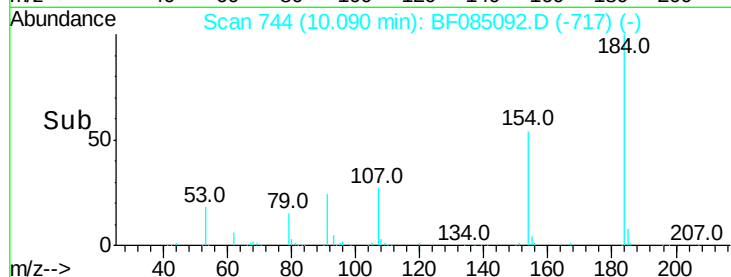
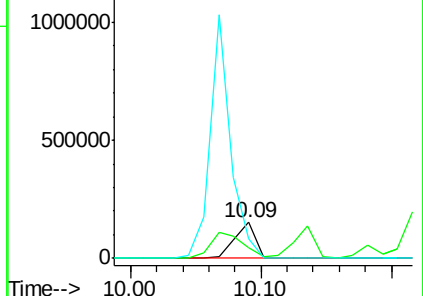
#53
2,4-Dinitrophenol
Concen: 64.05 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 166739
Ion Ratio Lower Upper
184 100
63 30.4 60.6 90.8#
154 54.0 70.2 105.2#

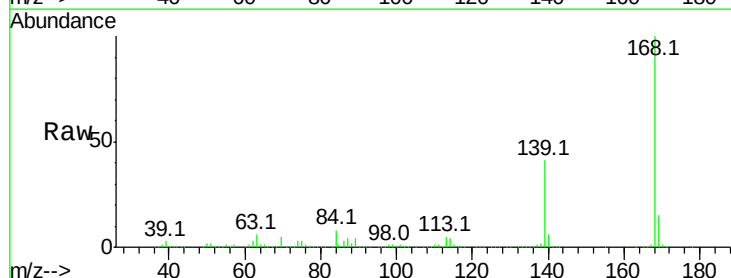


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

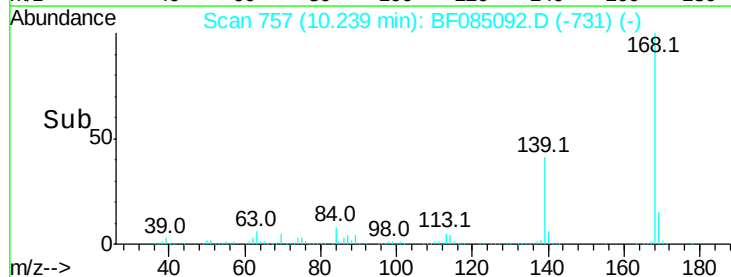
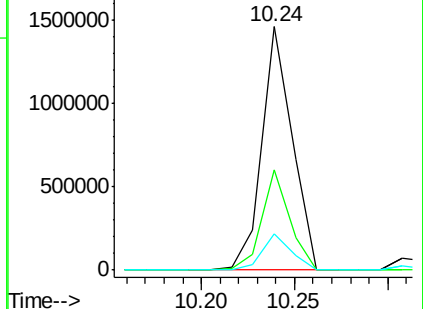


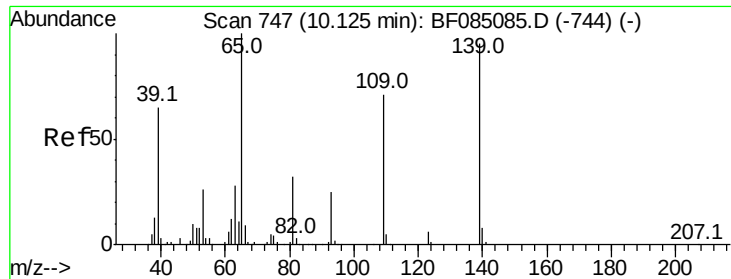
#54
Dibenzofuran
Concen: 53.90 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Tgt Ion:168 Resp: 1634159
Ion Ratio Lower Upper
168 100
139 41.0 33.0 49.4
169 14.9 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

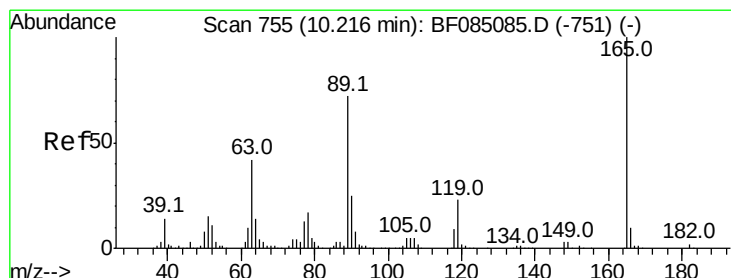
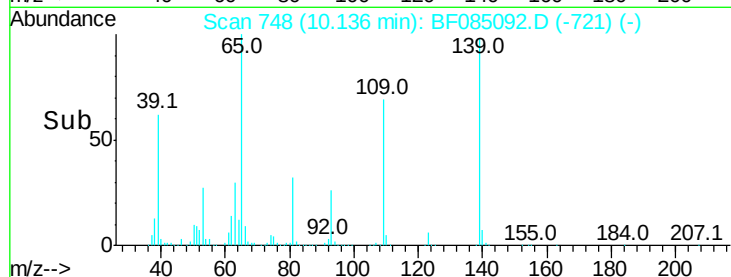
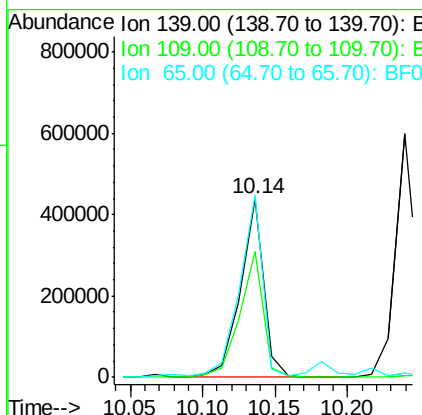
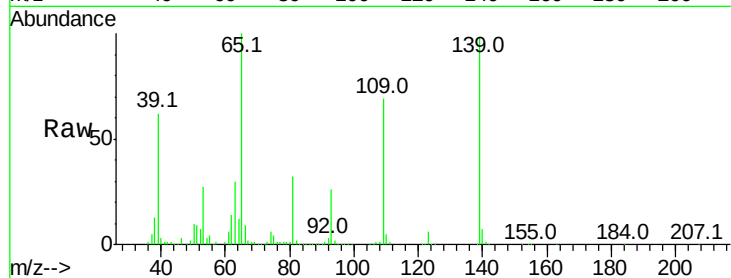




#55
4-Nitrophenol
Concen: 97.11 ng
RT: 10.14 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

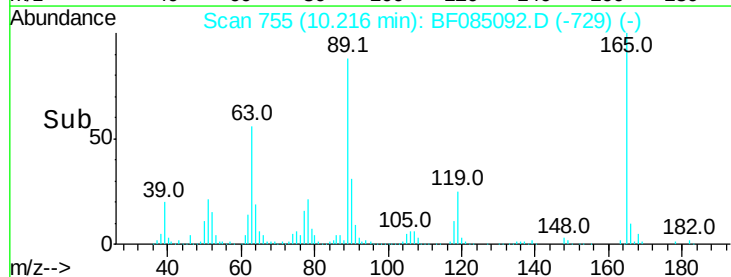
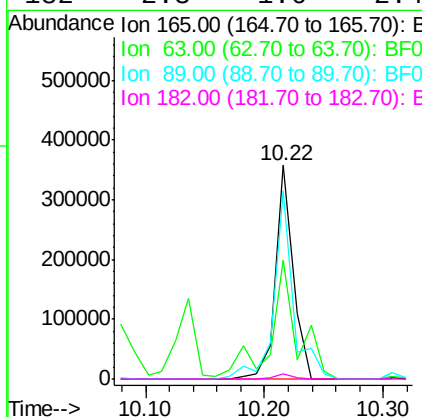
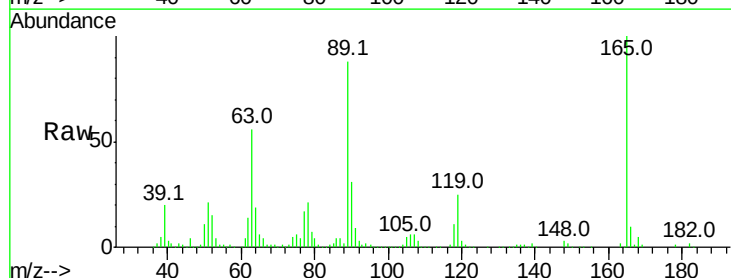
Instrument :
BNA_F
ClientSampleId :

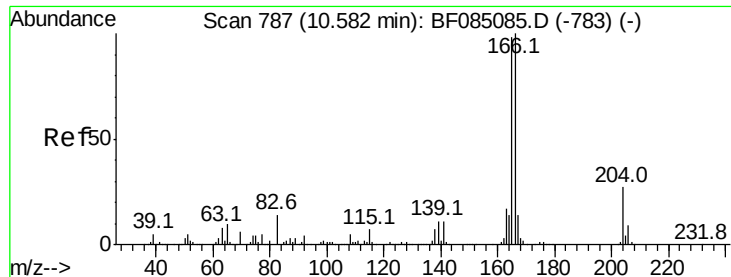
Tot Ion:139 Resp: 487638
Ion Ratio Lower Upper
139 100
109 70.7 48.7 88.7
65 102.3 78.8 118.8



#56
2,4-Dinitrotoluene
Concen: 53.68 ng
RT: 10.22 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Tgt Ion:165 Resp: 369969
Ion Ratio Lower Upper
165 100
63 55.8 36.6 55.0#
89 87.8 54.4 81.6#
182 2.3 1.6 2.4





#57

Fluorene

Concen: 47.79 ng

RT: 10.58 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampled :

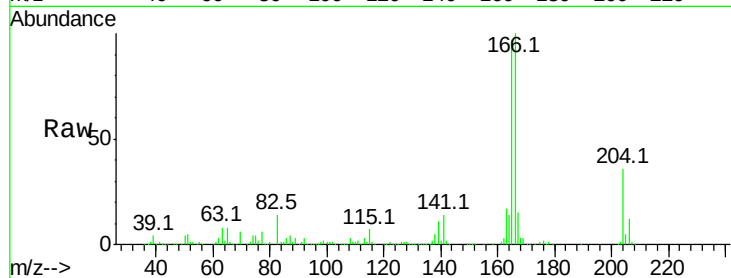
Tot Ion:166 Resp: 1193797

Ion Ratio Lower Upper

166 100

165 96.8 78.9 118.3

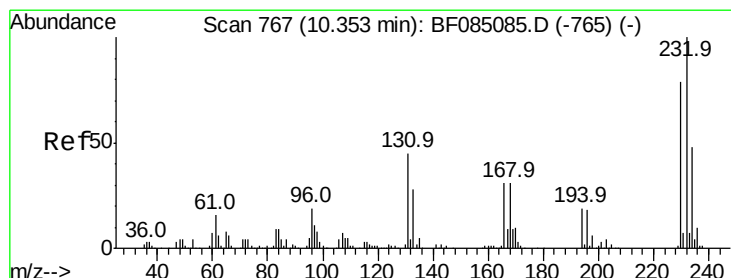
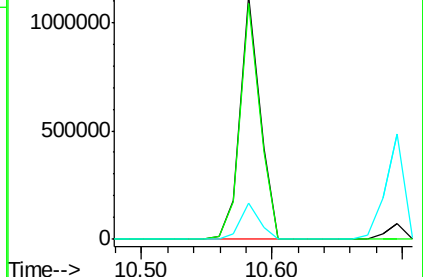
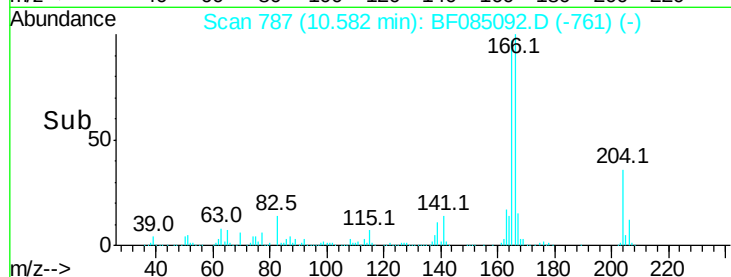
167 14.7 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 59.97 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Tgt Ion:232 Resp: 377232

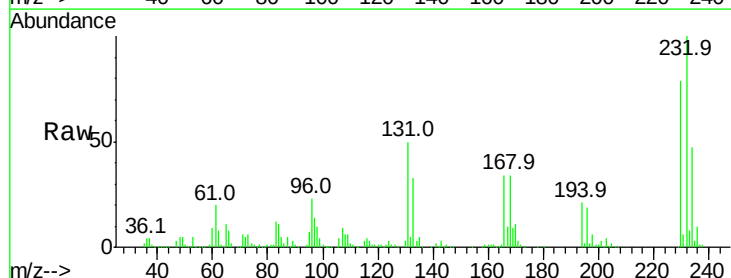
Ion Ratio Lower Upper

232 100

131 45.4 39.7 59.5

130 2.2 1.8 2.8

166 30.5 24.2 36.2

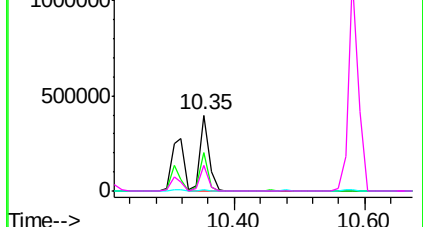
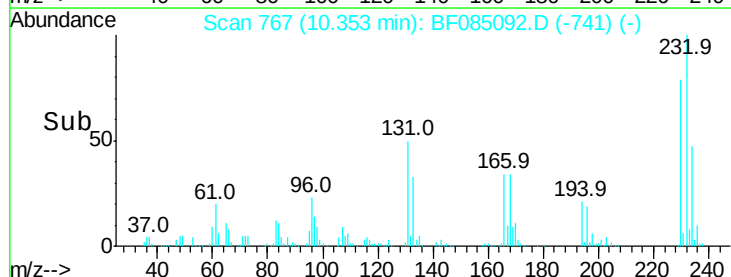


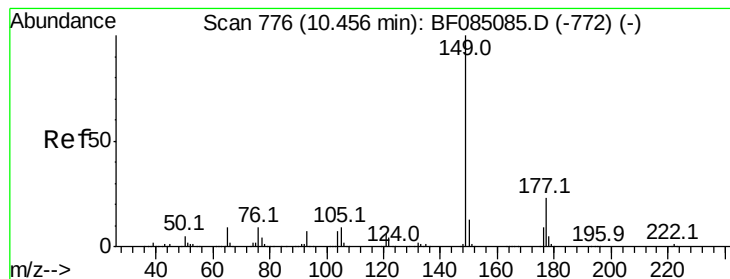
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 48.18 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampleId :

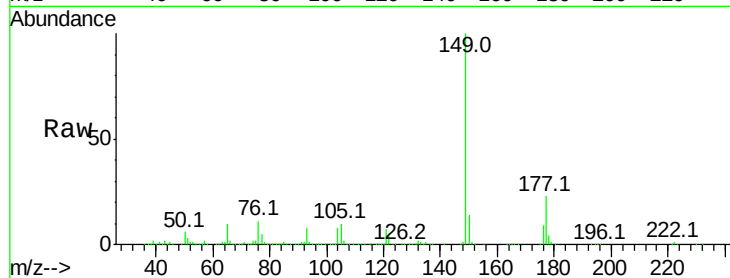
Tot Ion:149 Resp: 1322030

Ion Ratio Lower Upper

149 100

177 22.7 16.4 24.6

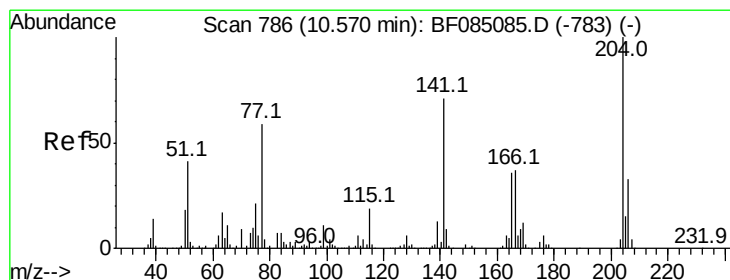
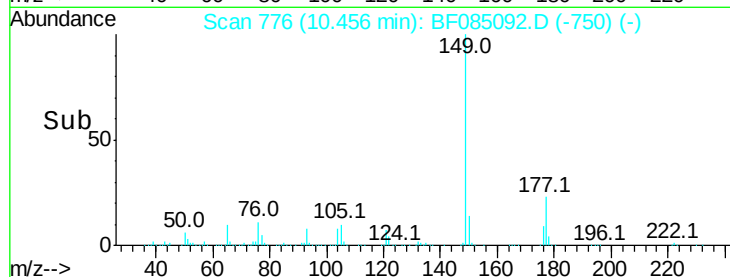
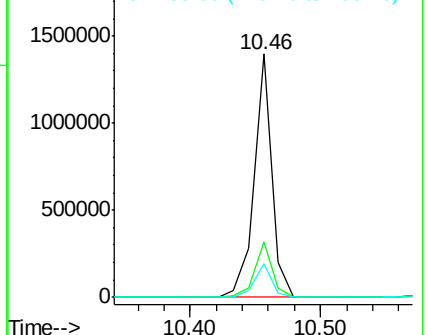
150 13.7 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 48.29 ng

RT: 10.57 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

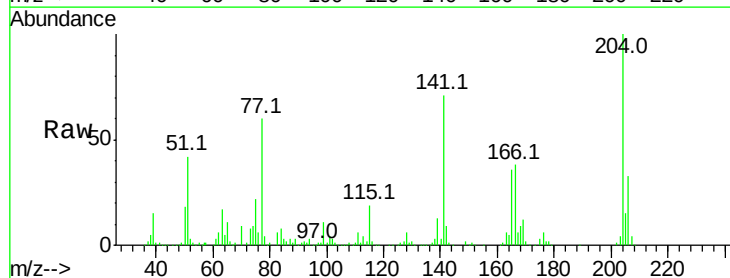
Tgt Ion:204 Resp: 623334

Ion Ratio Lower Upper

204 100

206 32.6 25.8 38.6

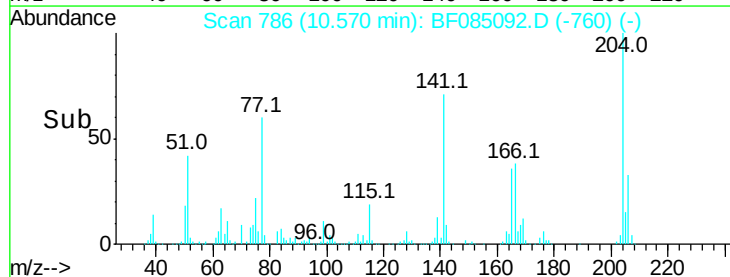
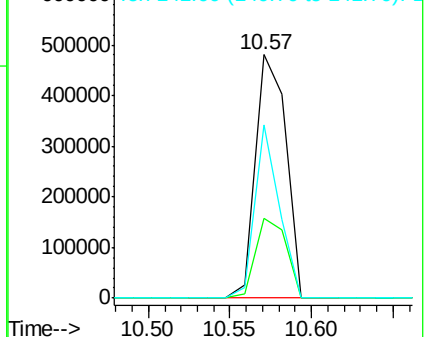
141 71.1 50.5 75.7

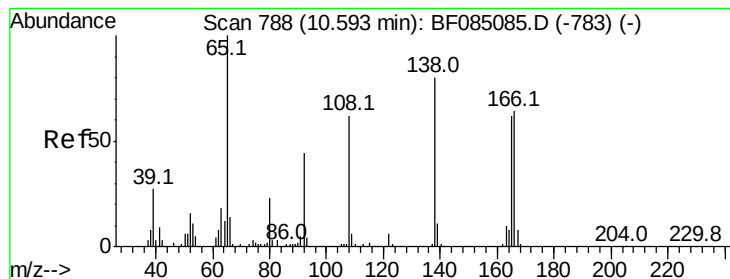


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 49.01 ng

RT: 10.59 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampleId :

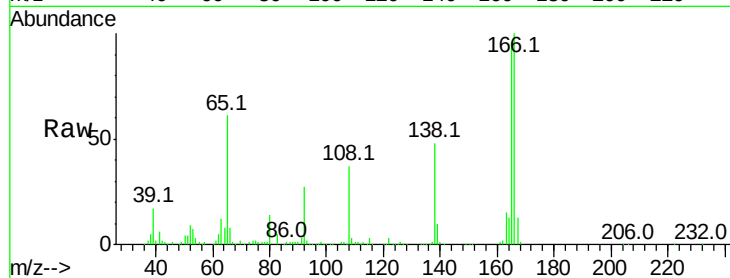
Tot Ion:138 Resp: 289992

Ion Ratio Lower Upper

138 100

92 55.9 32.6 72.6

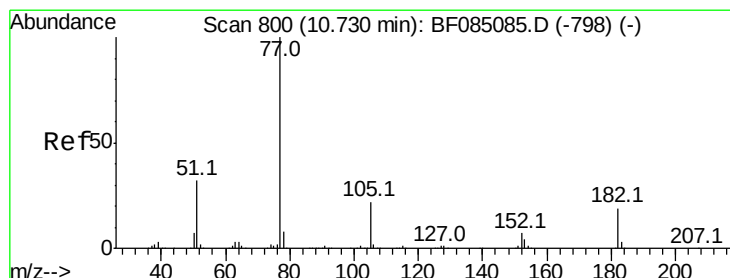
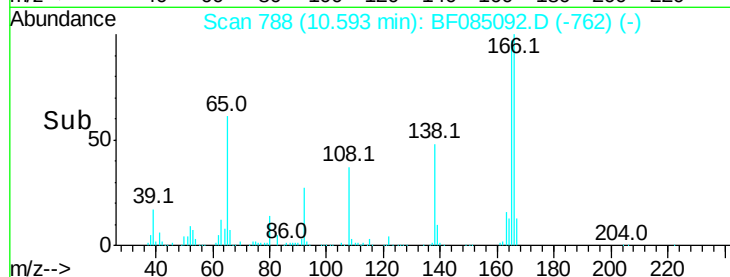
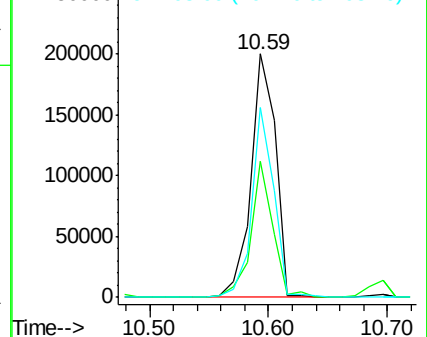
108 78.0 54.6 94.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 55.63 ng

RT: 10.73 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Tgt Ion: 77 Resp: 1433912

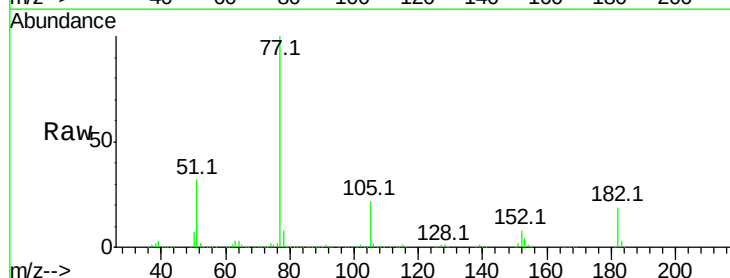
Ion Ratio Lower Upper

77 100

182 18.9 1.3 41.3

105 22.3 4.2 44.2

51 32.1 13.5 53.5

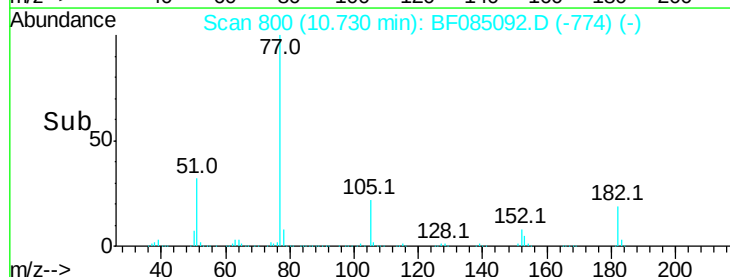
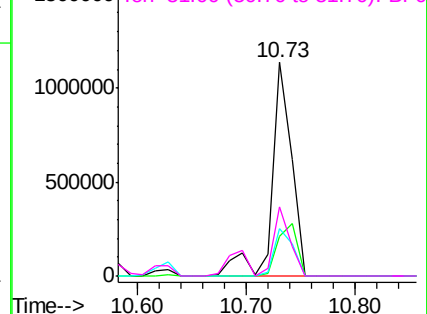


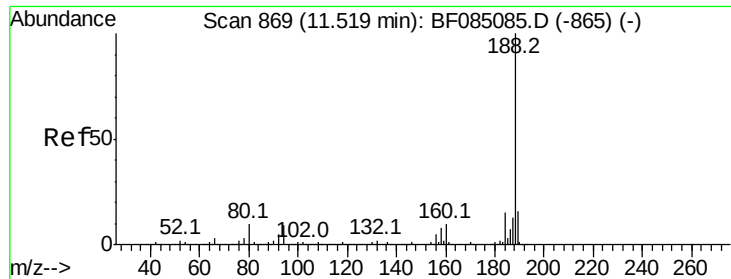
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampled :

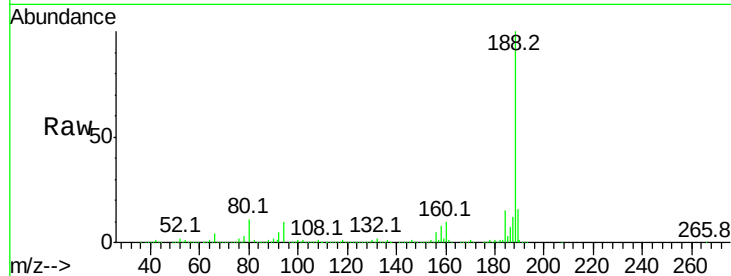
Tot Ion:188 Resp: 745710

Ion Ratio Lower Upper

188 100

94 9.7 6.2 9.2#

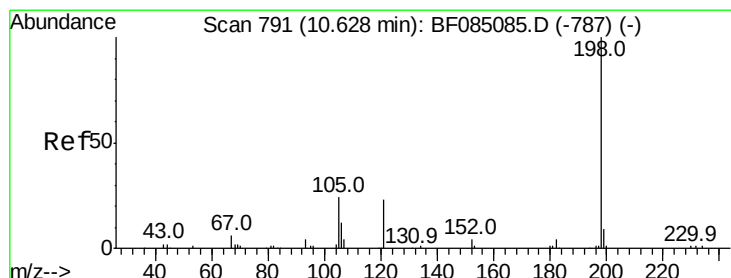
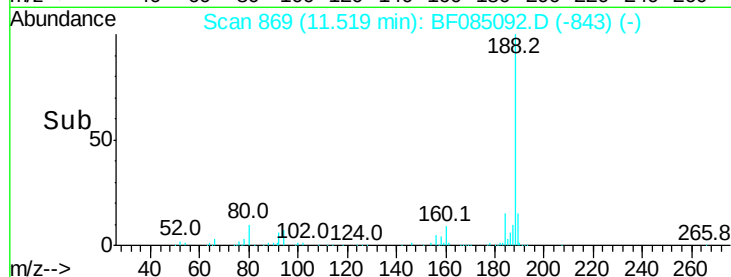
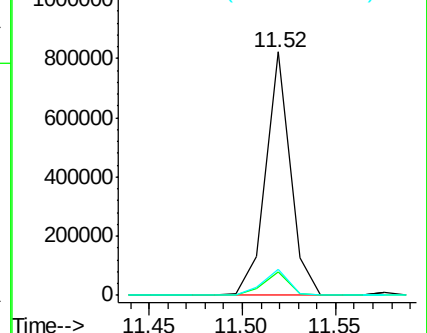
80 10.7 6.6 9.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 52.67 ng

RT: 10.63 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

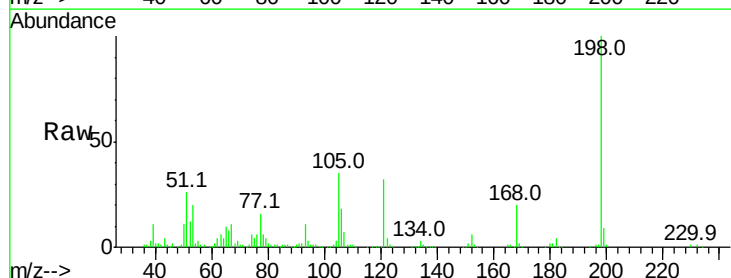
Tgt Ion:198 Resp: 196944

Ion Ratio Lower Upper

198 100

51 26.1 34.5 74.5#

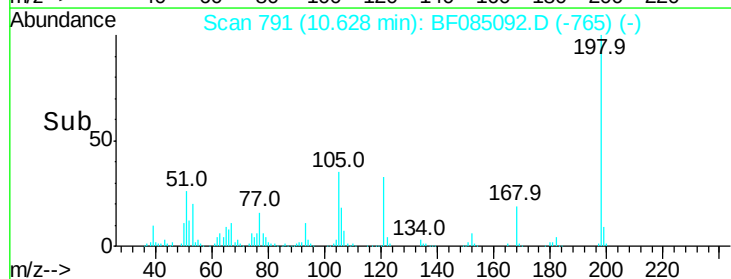
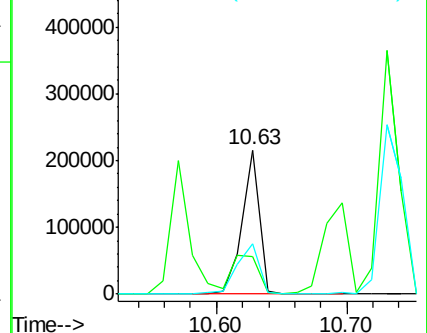
105 34.6 26.2 66.2

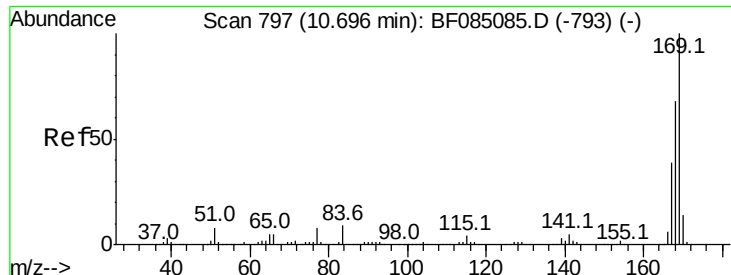


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



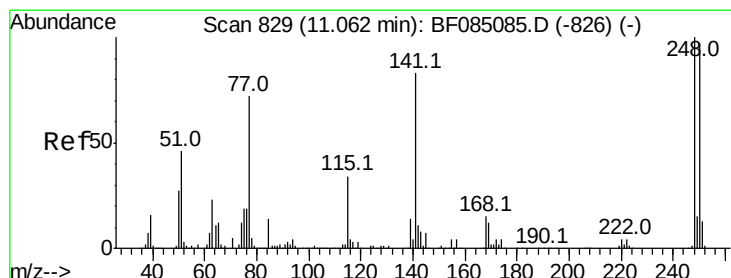
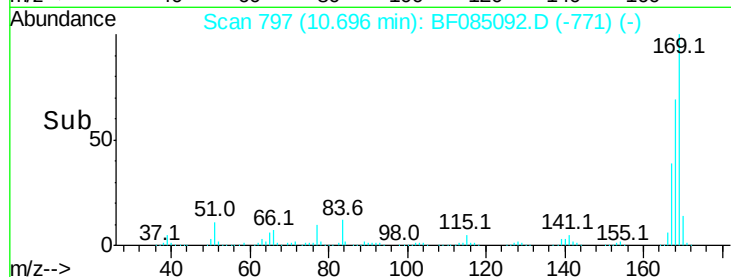
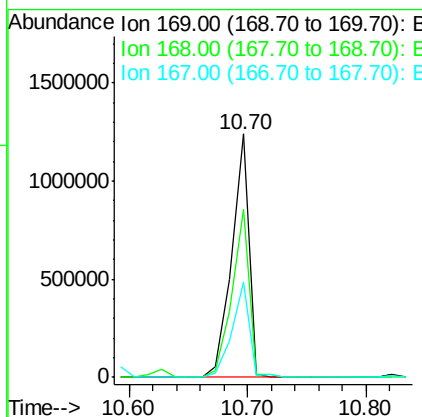
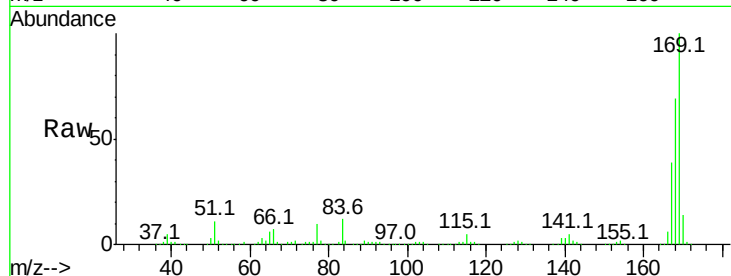


#65
 n-Nitrosodiphenylamine
 Concen: 52.88 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF085092.D
 Acq: 17 Feb 2016 17:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 1243662

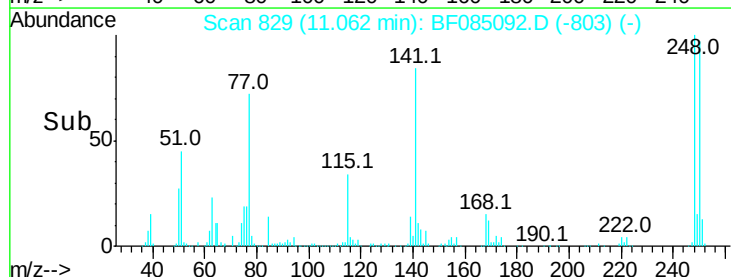
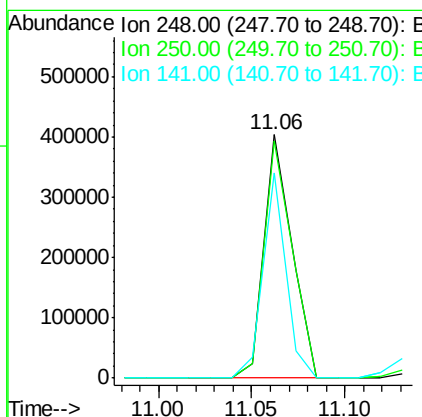
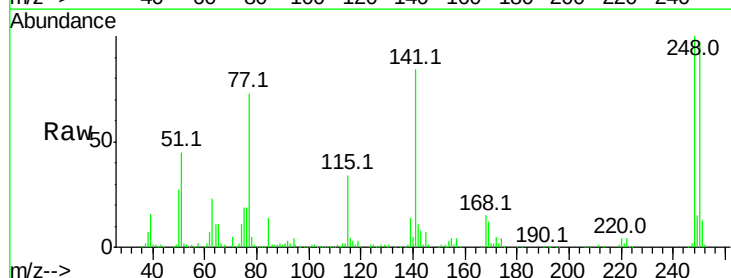
Ion	Ratio	Lower	Upper
169	100		
168	68.8	54.8	82.2
167	38.9	29.8	44.8

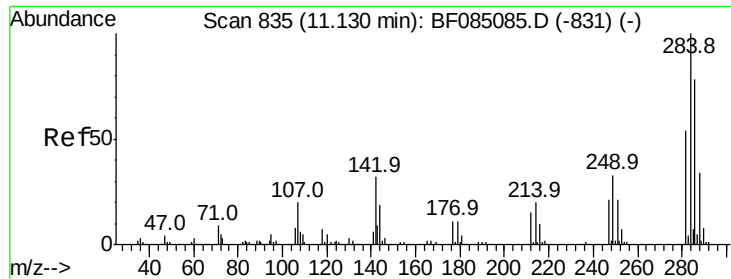


#66
 4-Bromophenyl-phenylether
 Concen: 48.00 ng
 RT: 11.06 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF085092.D
 Acq: 17 Feb 2016 17:56

Tgt Ion:248 Resp: 417986

Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.5	116.3
141	84.5	58.2	87.4

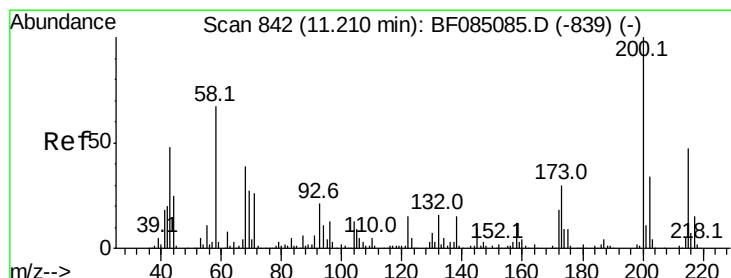
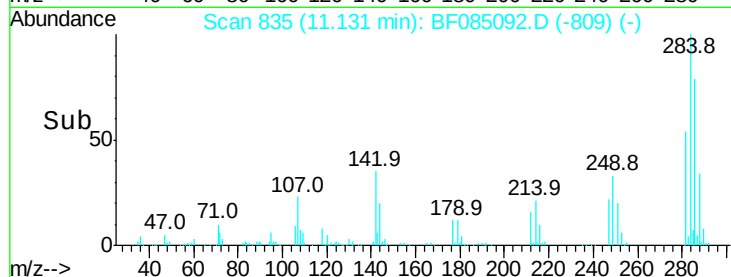
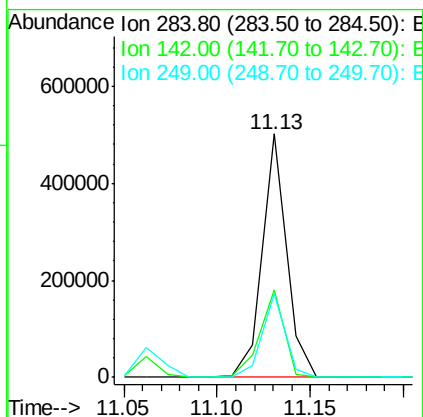
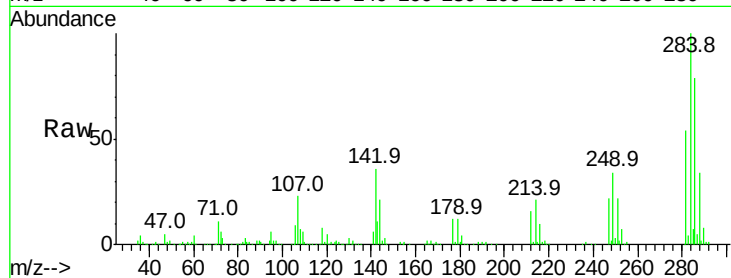




#67
Hexachlorobenzene
Concen: 49.26 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

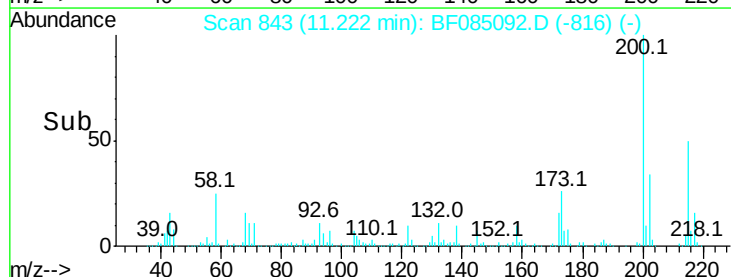
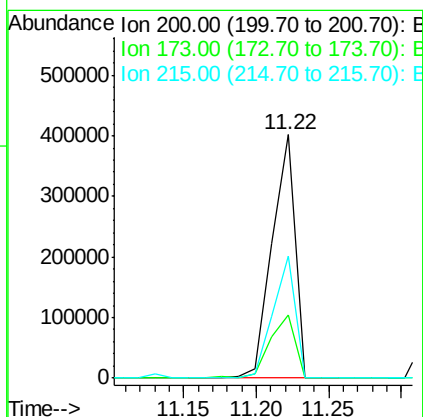
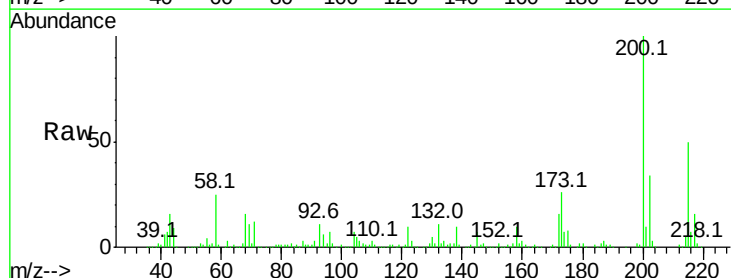
Instrument :
BNA_F
ClientSampleId :

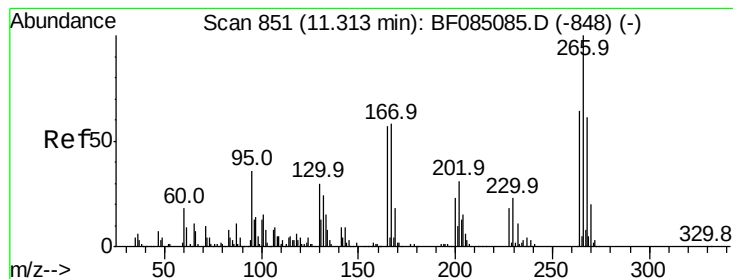
Tot Ion	Ratio	Lower	Upper
284	100		
142	36.2	33.5	50.3
249	34.3	27.4	41.2



#68
Atrazine
Concen: 65.15 ng
RT: 11.22 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.0	4.7	44.7
215	50.0	24.8	64.8





#69

Pentachlorophenol

Concen: 104.41 ng

RT: 11.32 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :
BNA_F
ClientSampleId :

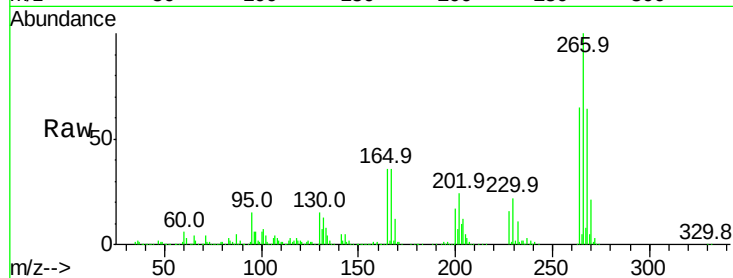
Tot Ion:266 Resp: 579442

Ion Ratio Lower Upper

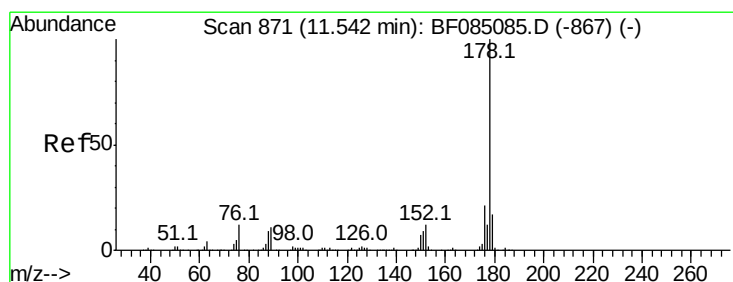
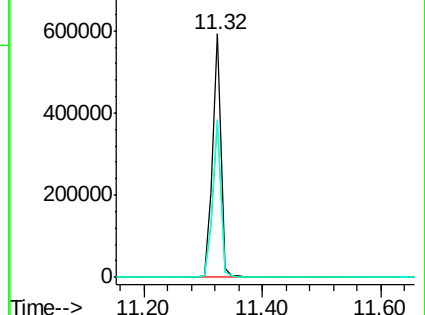
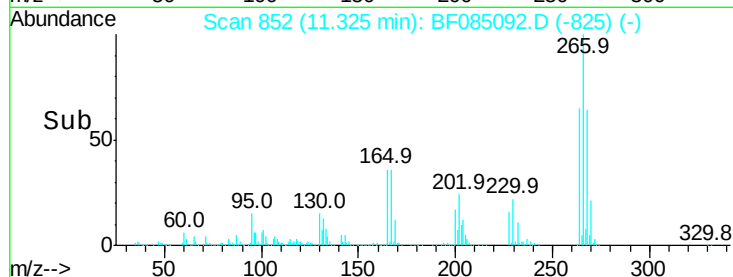
266 100

268 63.9 47.3 70.9

264 64.7 49.8 74.6



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



#70

Phenanthrene

Concen: 48.96 ng

RT: 11.54 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

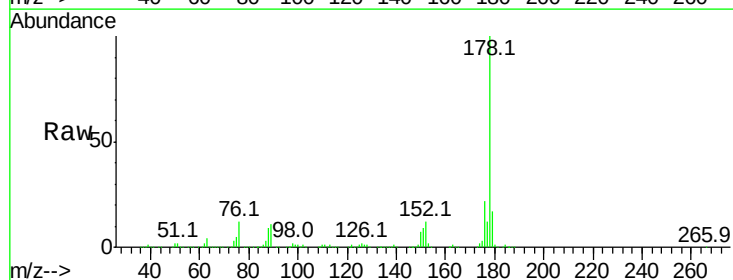
Tgt Ion:178 Resp: 1834137

Ion Ratio Lower Upper

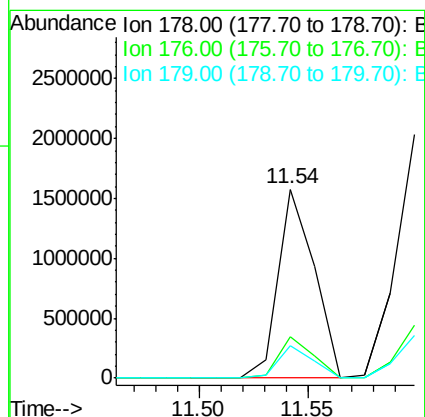
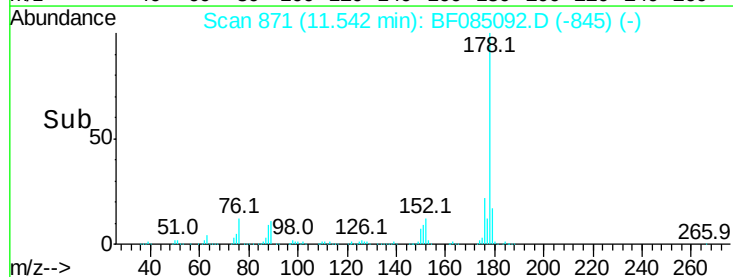
178 100

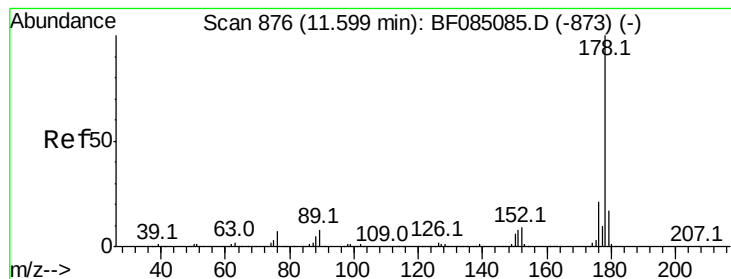
176 21.7 15.9 23.9

179 17.1 13.1 19.7



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





#71

Anthracene

Concen: 51.21 ng

RT: 11.60 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampleId :

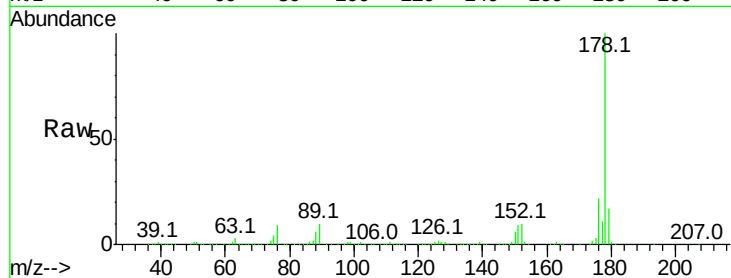
Tot Ion:178 Resp: 1936568

Ion Ratio Lower Upper

178 100

176 21.8 14.8 22.2

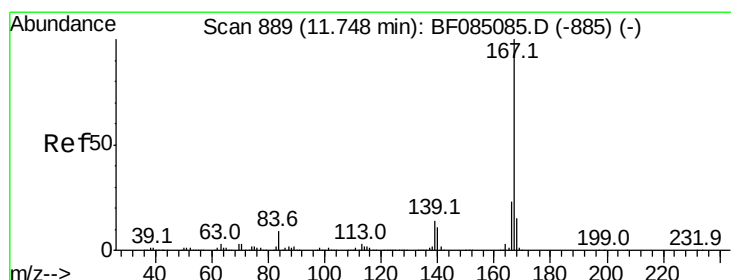
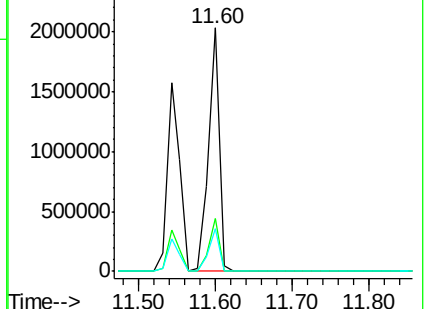
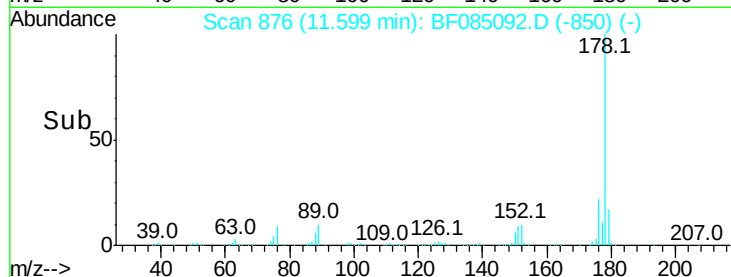
179 17.4 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 51.27 ng

RT: 11.75 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

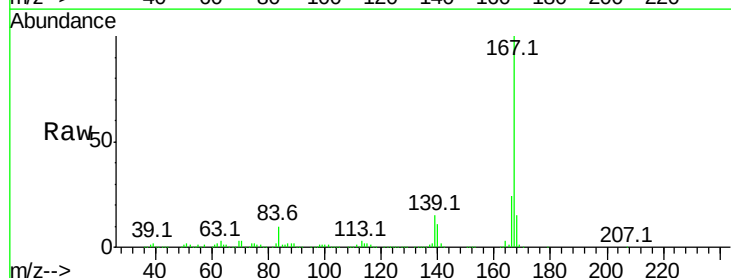
Tgt Ion:167 Resp: 1768196

Ion Ratio Lower Upper

167 100

166 23.7 17.4 26.0

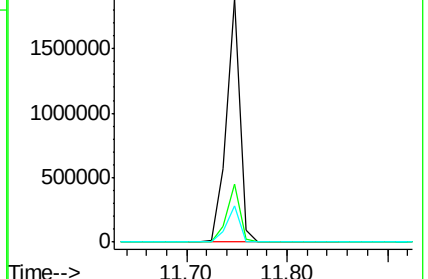
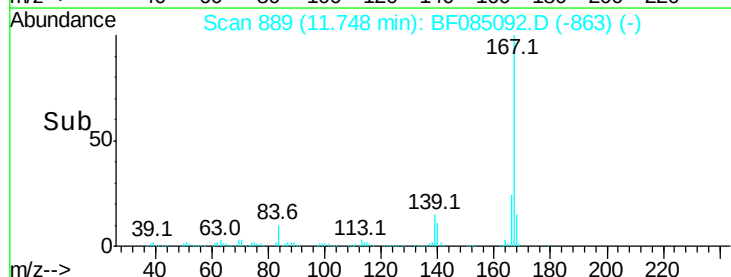
139 14.7 11.0 16.6

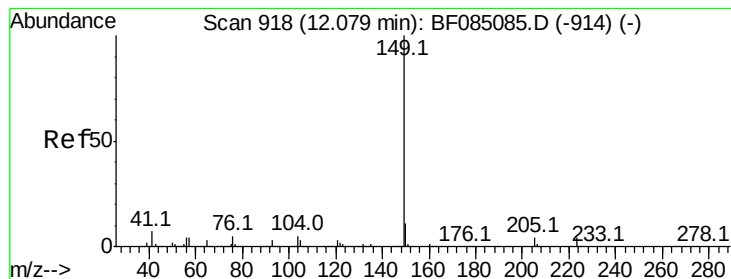


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 51.90 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampleId :

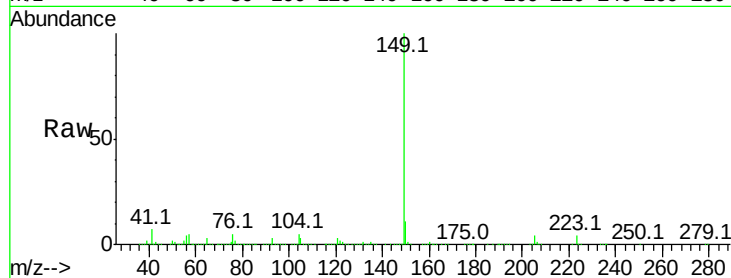
Tot Ion:149 Resp: 2042173

Ion Ratio Lower Upper

149 100

150 10.9 7.5 11.3

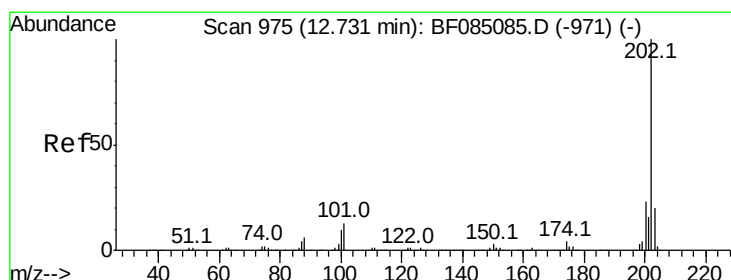
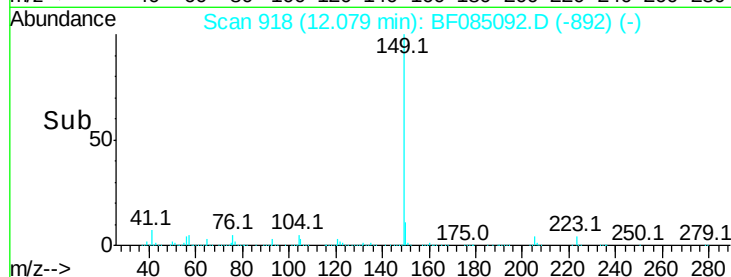
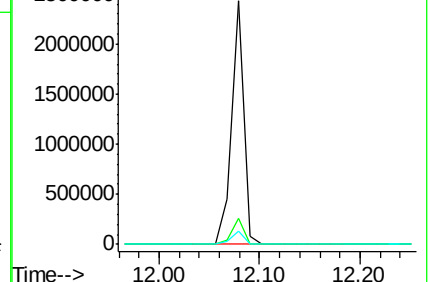
104 5.5 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.70 ng

RT: 12.73 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

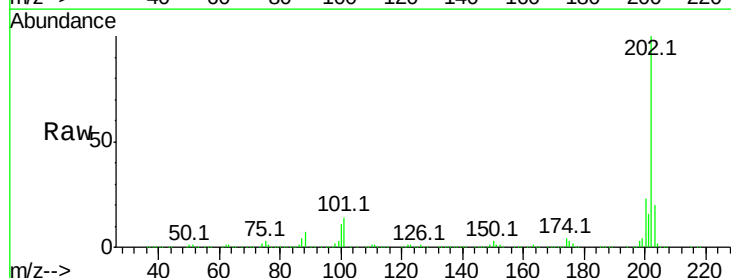
Tgt Ion:202 Resp: 1931685

Ion Ratio Lower Upper

202 100

101 14.3 0.0 29.8

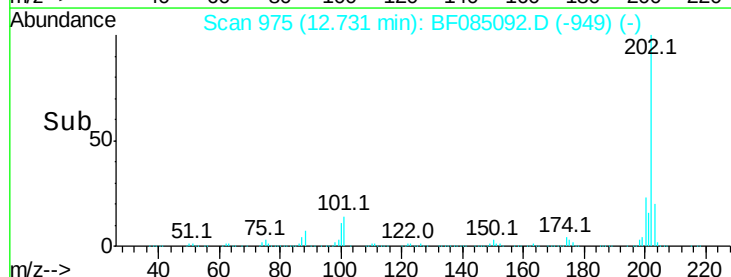
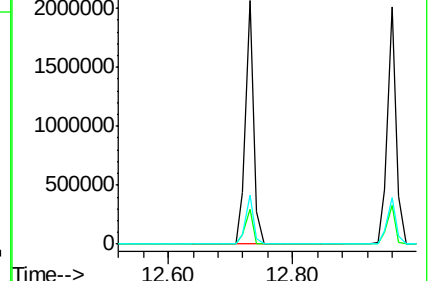
203 20.0 0.0 37.5

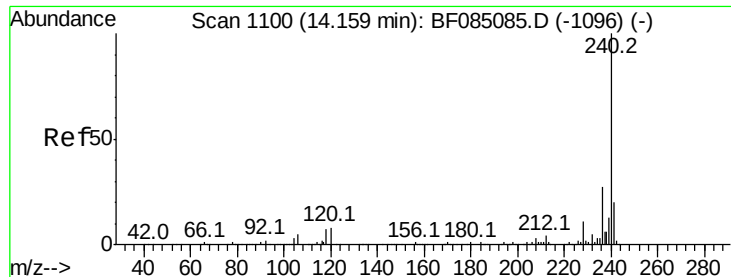


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampleId :

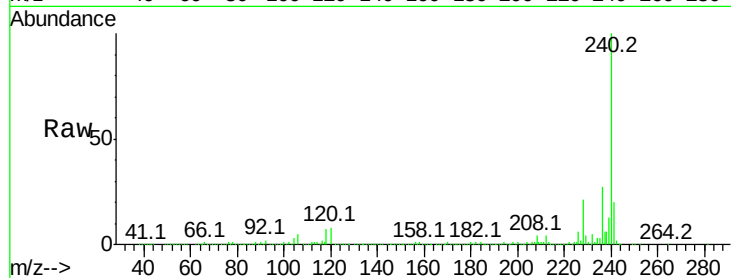
Tot Ion:240 Resp: 730502

Ion Ratio Lower Upper

240 100

120 8.0 7.0 10.6

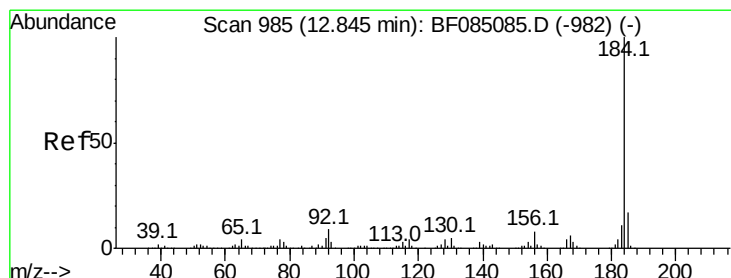
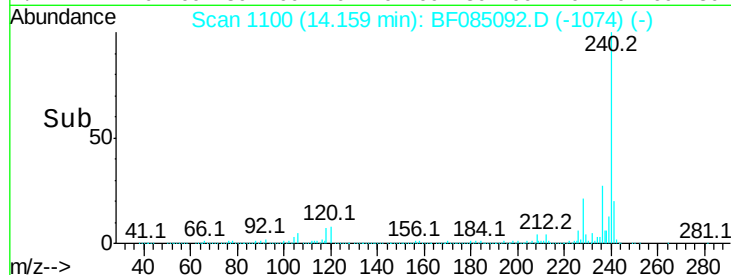
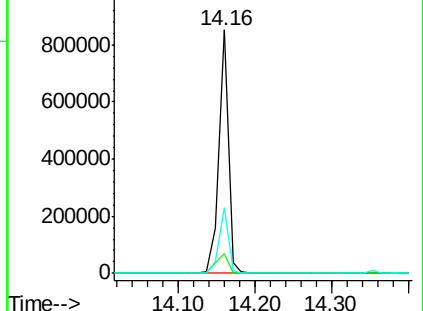
236 27.1 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 14.75 ng

RT: 12.84 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

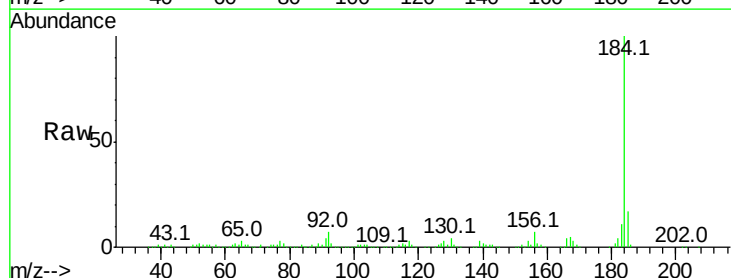
Tgt Ion:184 Resp: 317270

Ion Ratio Lower Upper

184 100

185 16.7 11.8 17.8

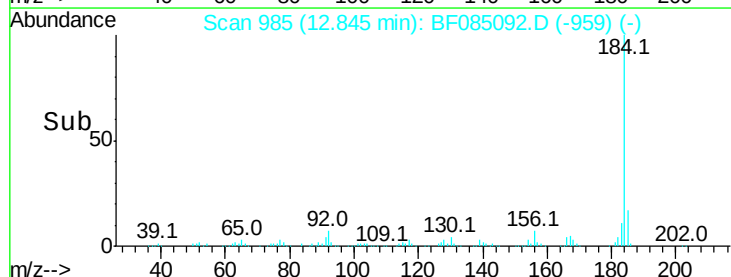
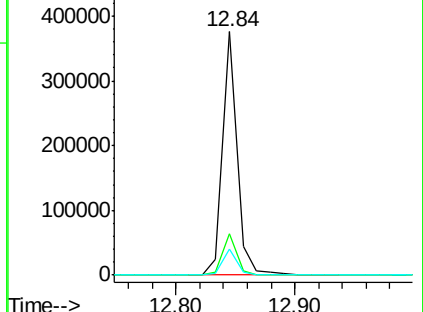
183 10.9 8.6 12.8

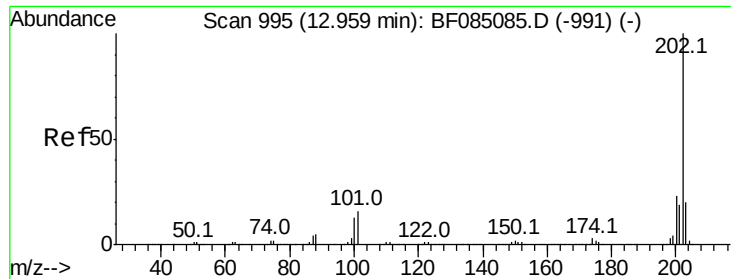


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

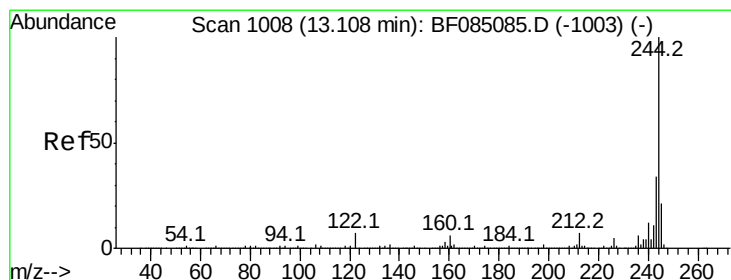
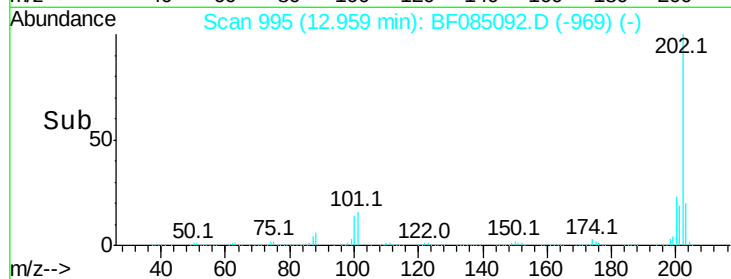
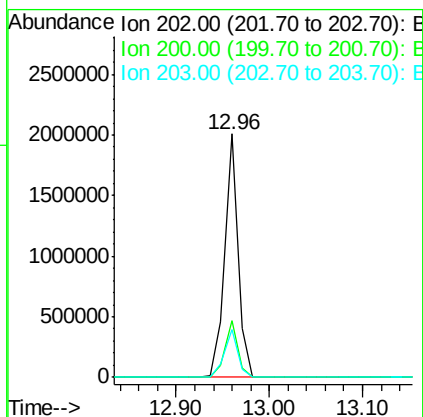
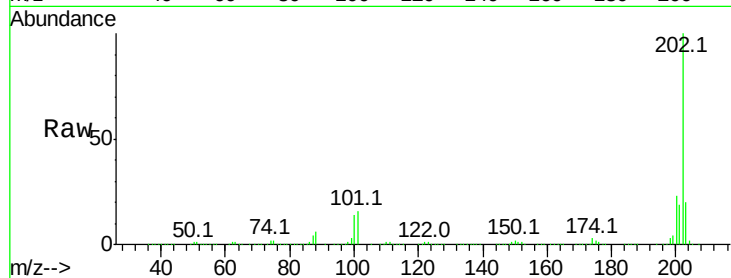




#77
Pvrene
Concen: 45.15 ng
RT: 12.96 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

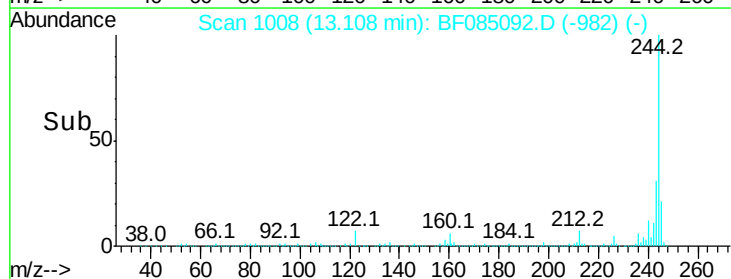
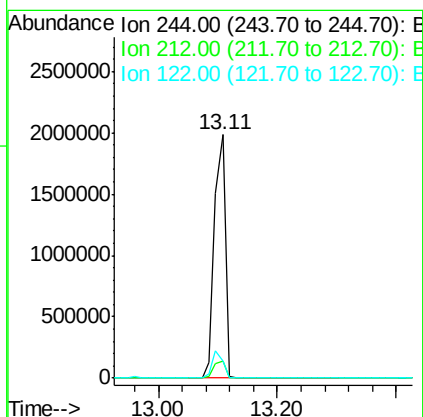
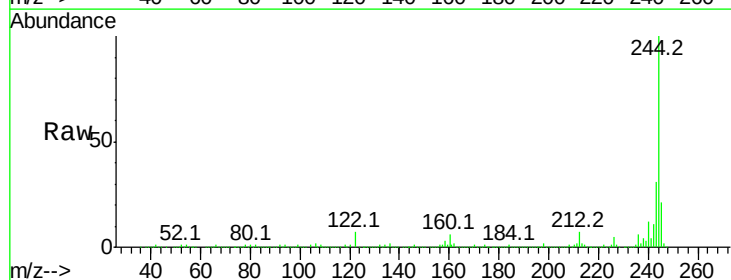
Instrument :
BNA_F
ClientSampleId :

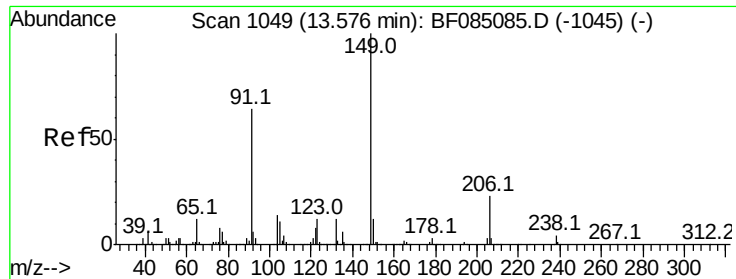
Tot Ion:202 Resp: 1985869
Ion Ratio Lower Upper
202 100
200 23.2 17.0 25.4
203 19.9 14.2 21.4



#78
Terphenyl-d14
Concen: 96.01 ng
RT: 13.11 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Tgt Ion:244 Resp: 2504221
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 7.2 10.1 15.1#

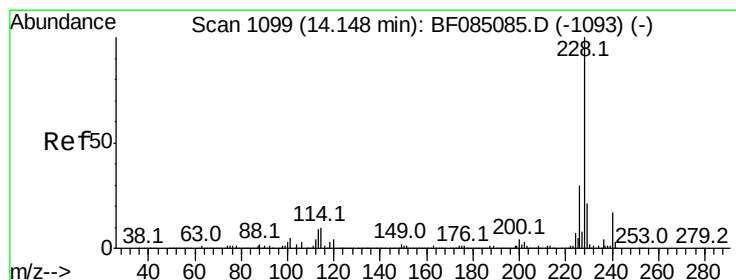
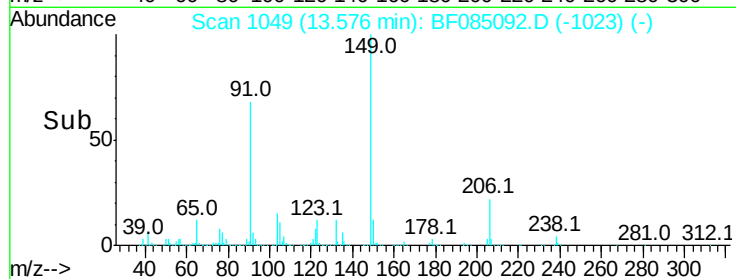
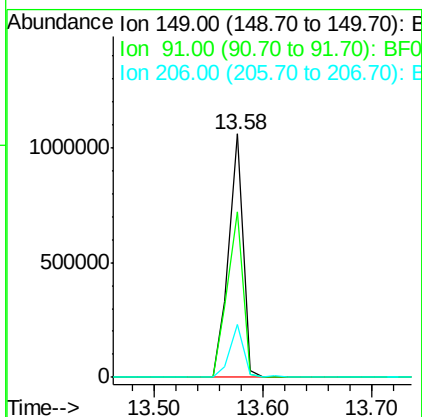
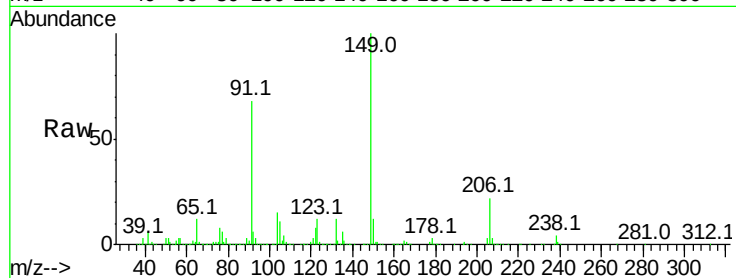




#79
Butylbenzylphthalate
Concen: 56.06 ng
RT: 13.58 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

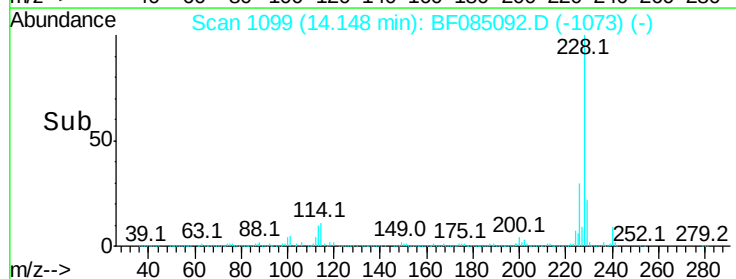
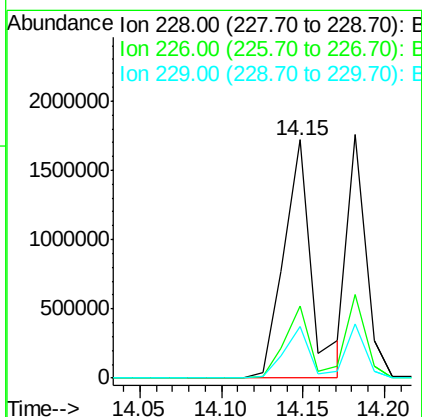
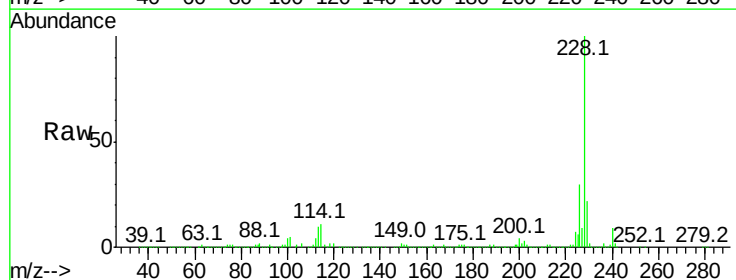
Instrument :
BNA_F
ClientSampled :

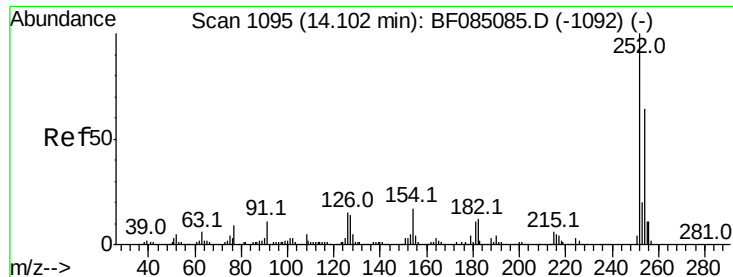
Tot Ion:149 Resp: 979901
Ion Ratio Lower Upper
149 100
91 68.2 57.8 86.8
206 22.0 13.8 20.8#



#80
Benzo(a)anthracene
Concen: 50.09 ng
RT: 14.15 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Tgt Ion:228 Resp: 2041398
Ion Ratio Lower Upper
228 100
226 30.4 21.8 32.6
229 21.7 15.8 23.8

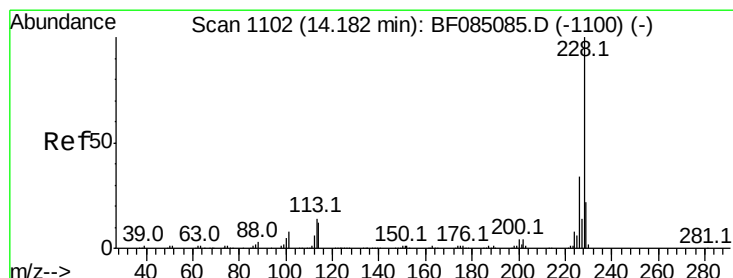
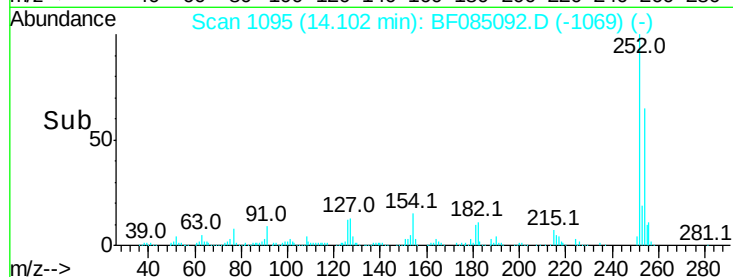
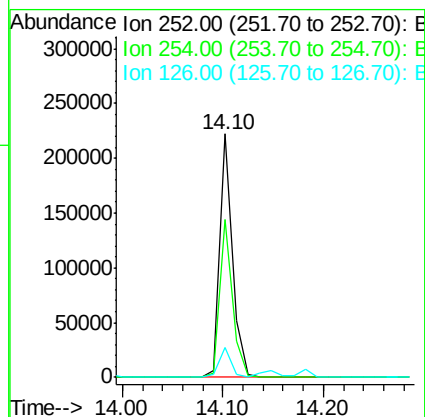
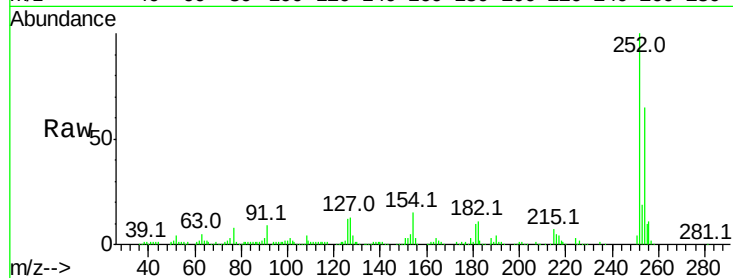




#81
 3,3'-Dichlorobenzidine
 Concen: 13.00 ng
 RT: 14.10 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF085092.D
 Acq: 17 Feb 2016 17:56

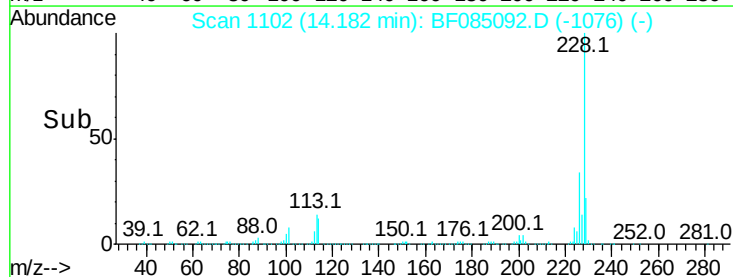
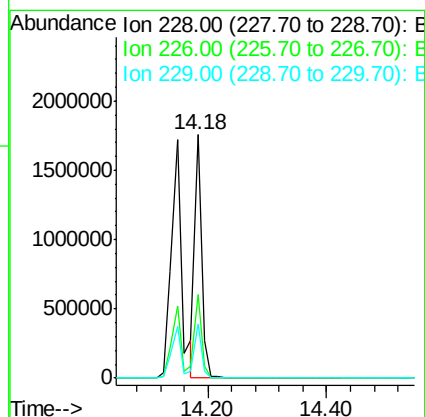
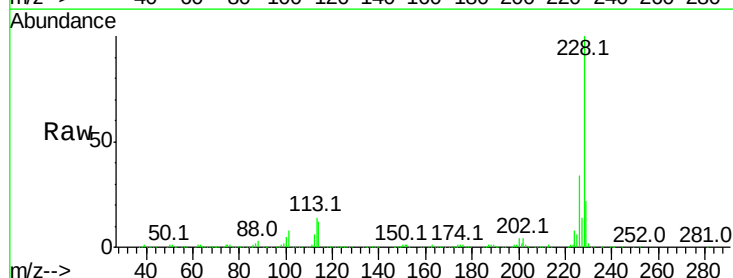
Instrument :
 BNA_F
 ClientSampleId :

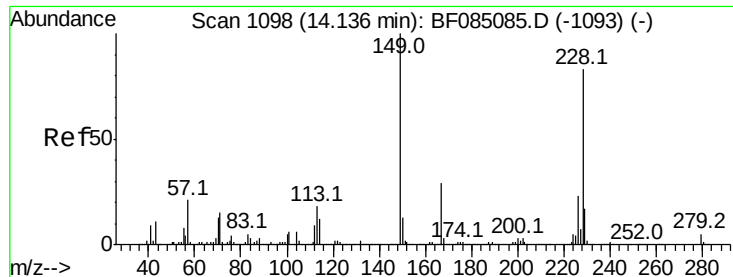
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.9	79.3
126	12.4	10.6	16.0



#82
 Chrysene
 Concen: 38.14 ng
 RT: 14.18 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF085092.D
 Acq: 17 Feb 2016 17:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.1	24.3	36.5
229	22.1	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.77 ng

RT: 14.14 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampleId :

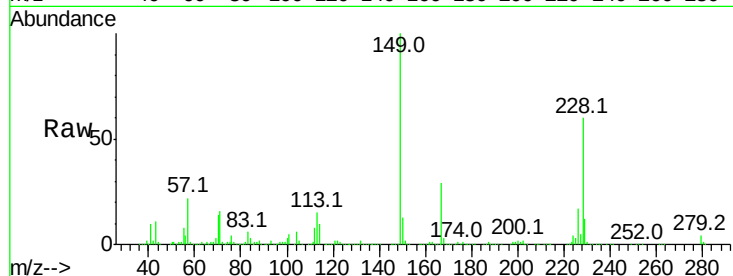
Tot Ion:149 Resp: 1260590

Ion Ratio Lower Upper

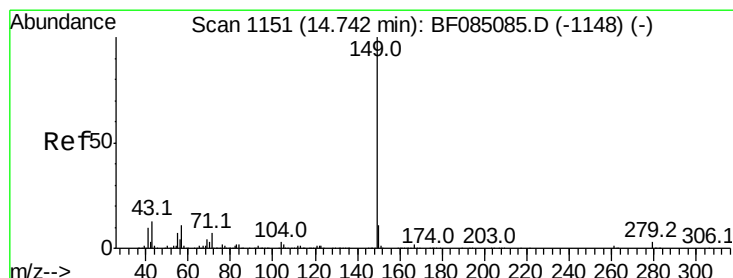
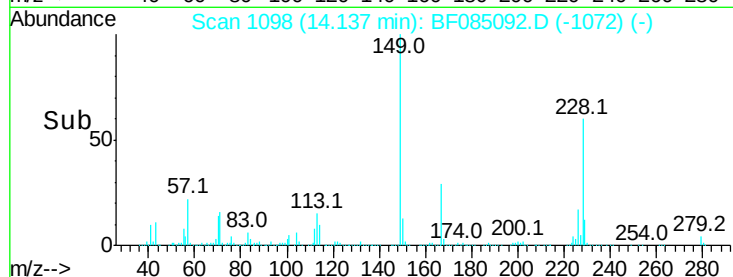
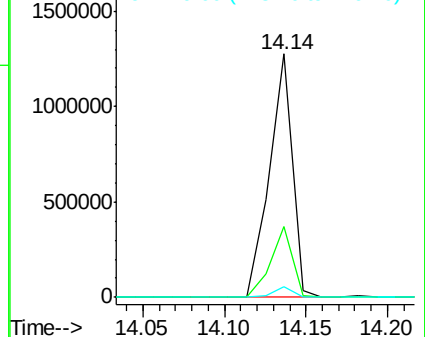
149 100

167 29.0 21.0 31.6

279 4.5 2.4 3.6#



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



#84

Di-n-octyl phthalate

Concen: 54.30 ng

RT: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

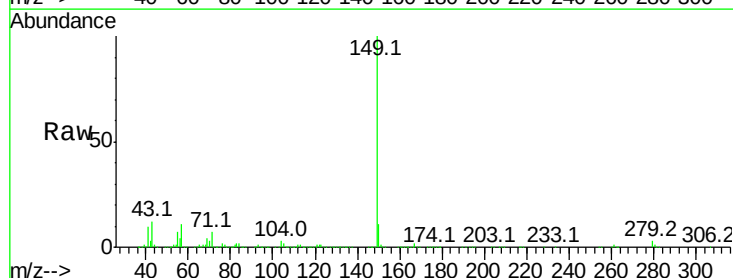
Tgt Ion:149 Resp: 2075244

Ion Ratio Lower Upper

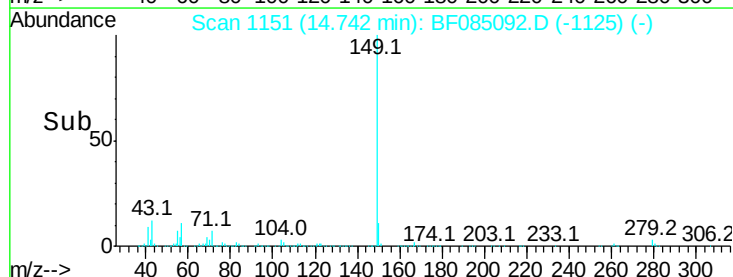
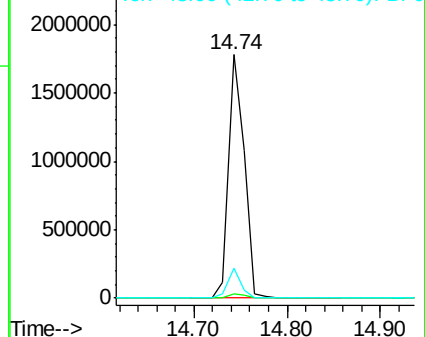
149 100

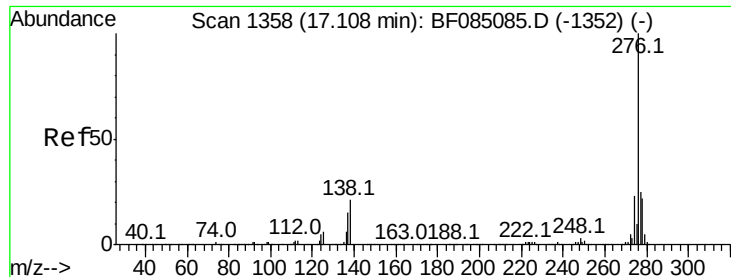
167 1.8 1.2 1.8

43 10.0 9.0 13.6



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



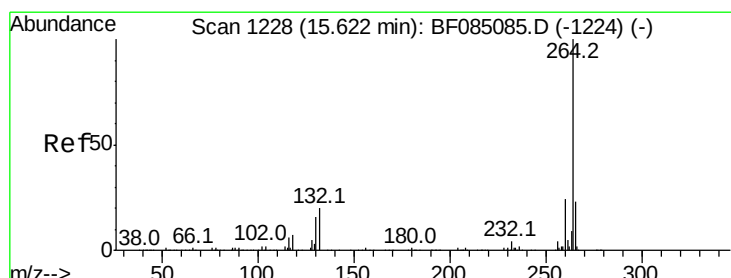
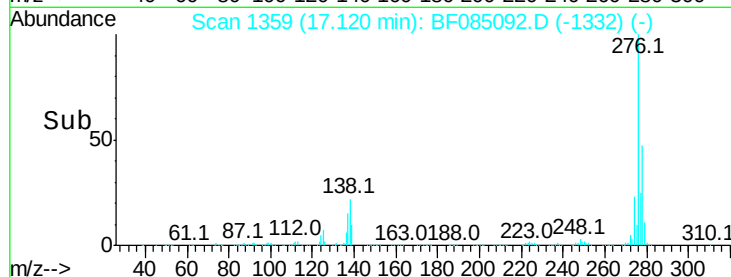
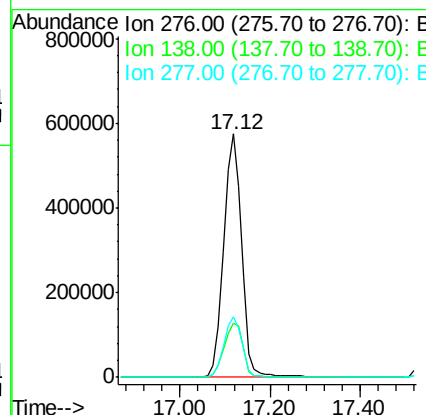
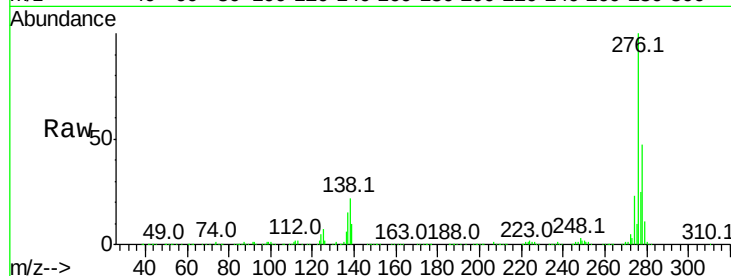


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.16 ng
 RT: 17.12 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF085092.D
 Acq: 17 Feb 2016 17:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1601988

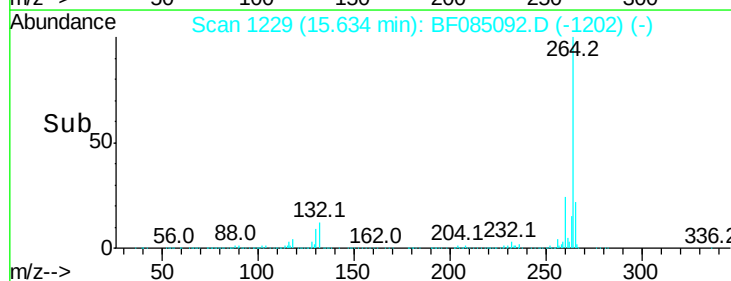
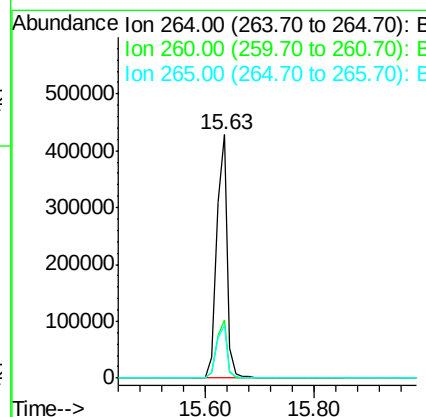
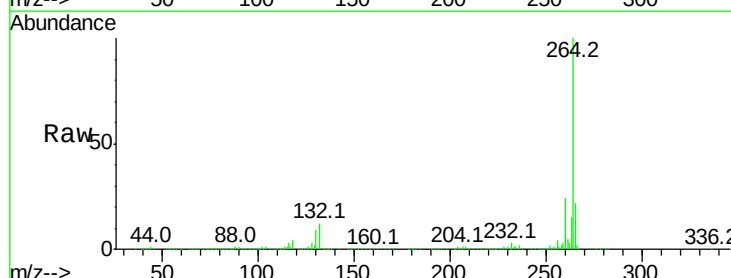
Ion	Ratio	Lower	Upper
276	100		
138	23.4	19.0	28.4
277	25.4	20.0	30.0

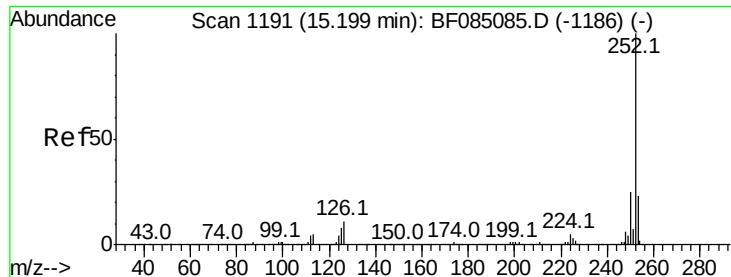


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF085092.D
 Acq: 17 Feb 2016 17:56

Tgt Ion:264 Resp: 584395

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	21.7	16.7	25.1





#87

Benzo(b)fluoranthene

Concen: 47.91 ng

RT: 15.20 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampleId :

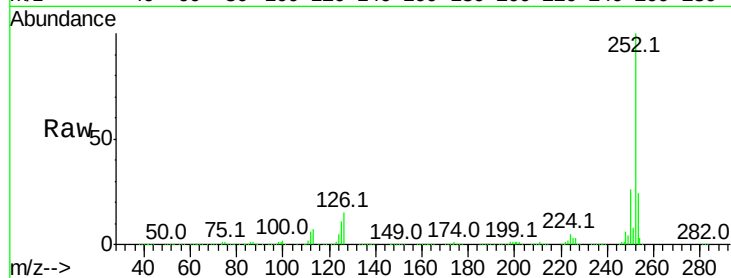
Tot Ion:252 Resp: 1785101

Ion Ratio Lower Upper

252 100

253 23.7 17.6 26.4

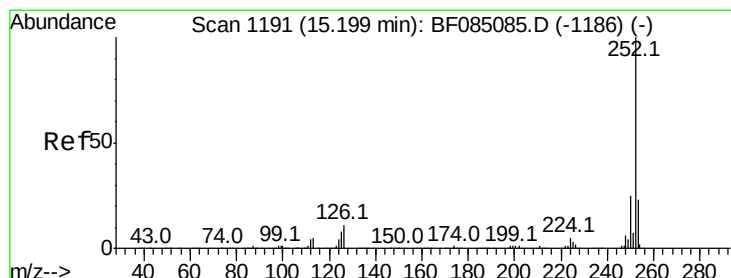
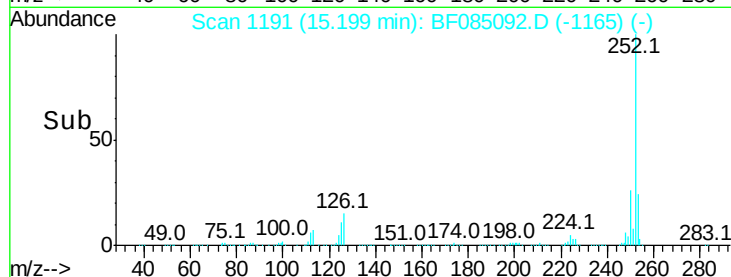
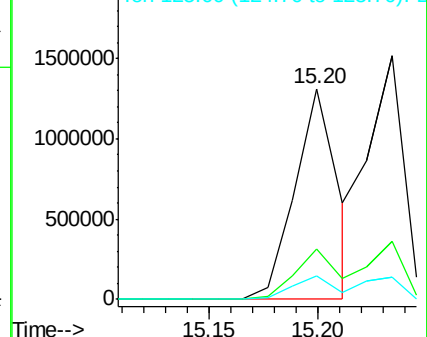
125 10.9 5.4 8.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 59.49 ng

RT: 15.20 min Scan# 1191

Delta R.T. -0.02 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

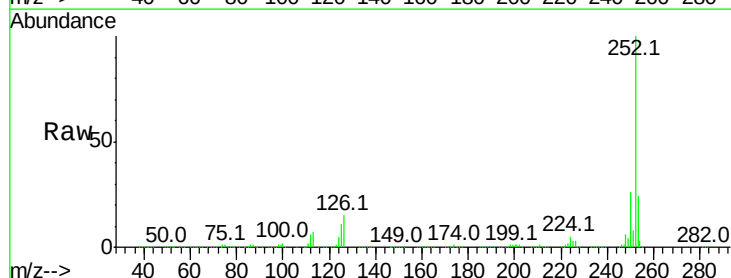
Tgt Ion:252 Resp: 1785101

Ion Ratio Lower Upper

252 100

253 23.7 17.4 26.0

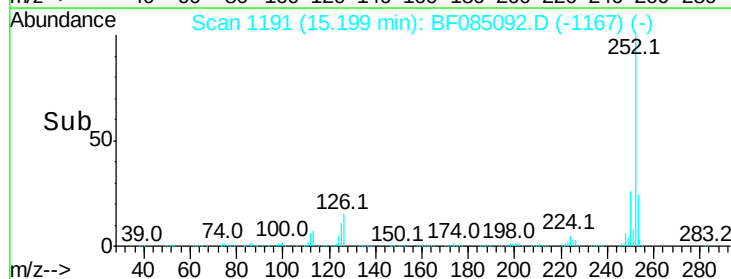
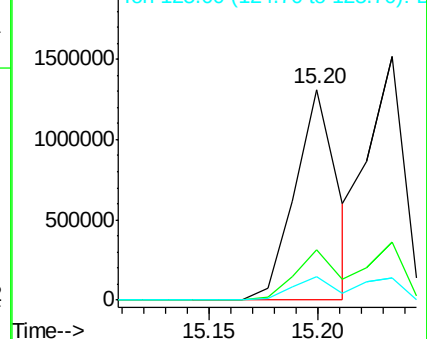
125 10.9 7.2 10.8#

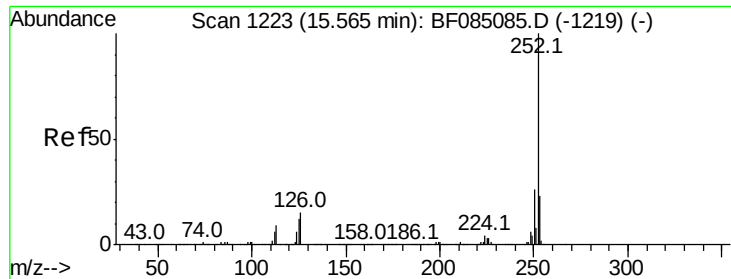


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

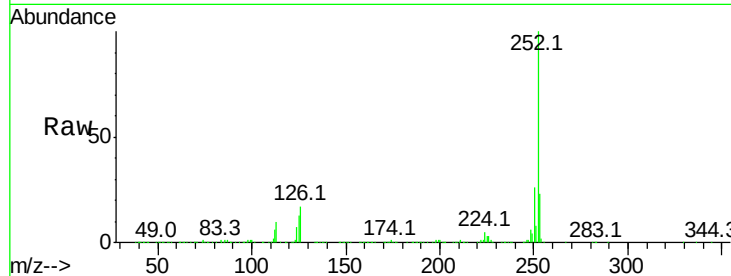




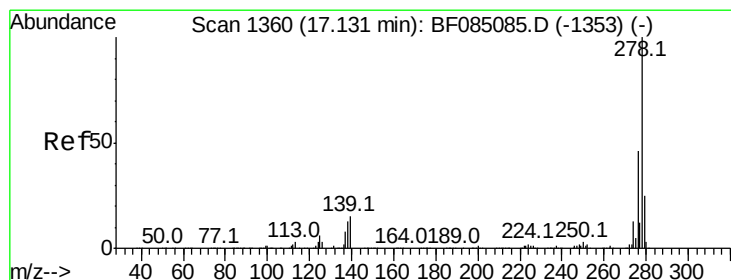
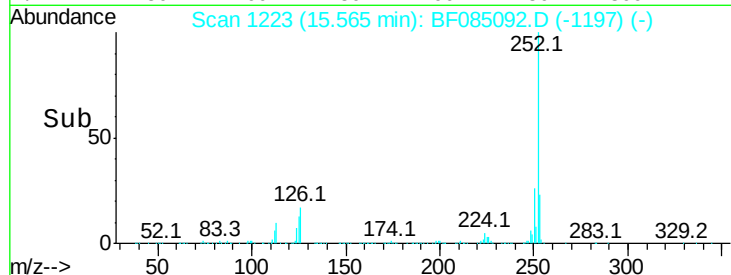
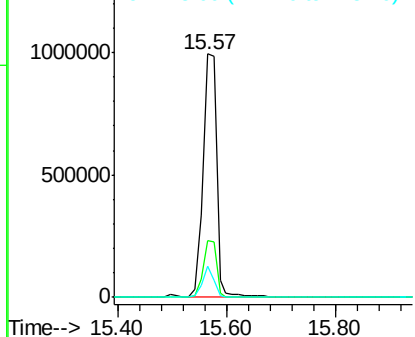
#89
Benzo(a)pyrene
Concen: 53.77 ng
RT: 15.57 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1702477
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 12.8 6.1 9.1#

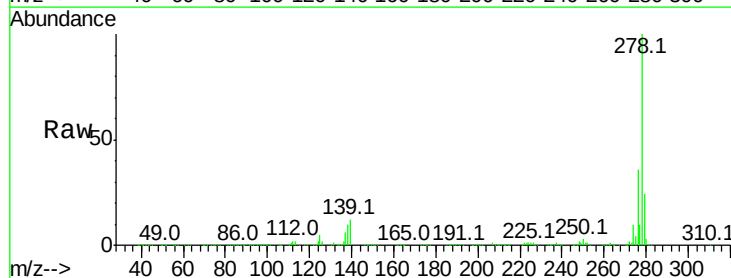


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

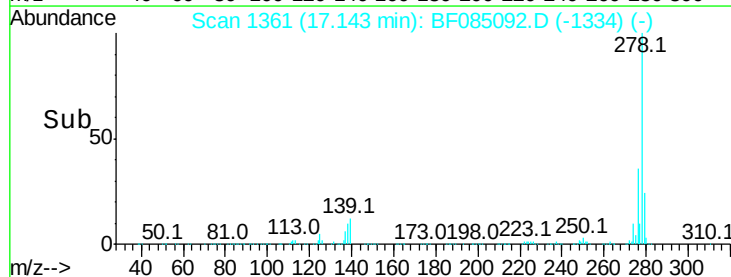
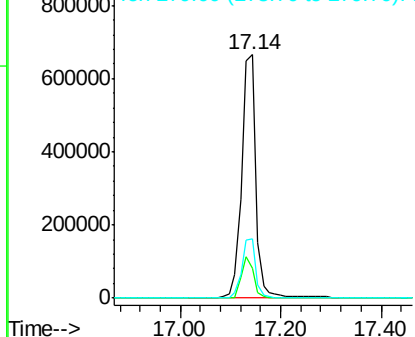


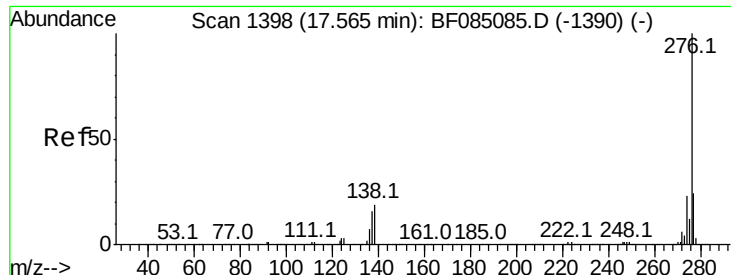
#90
Dibenzo(a,h)anthracene
Concen: 48.75 ng
RT: 17.14 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF085092.D
Acq: 17 Feb 2016 17:56

Tgt Ion:278 Resp: 1317748
Ion Ratio Lower Upper
278 100
139 12.1 13.3 19.9#
279 24.4 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 48.08 ng

RT: 17.57 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF085092.D

Acq: 17 Feb 2016 17:56

Instrument :

BNA_F

ClientSampleId :

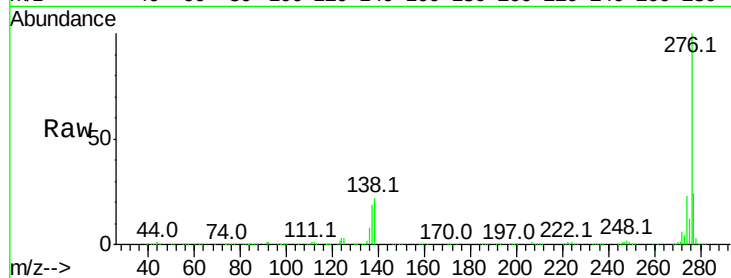
Tot Ion:276 Resp: 1275142

Ion Ratio Lower Upper

276 100

277 24.3 19.1 28.7

138 21.5 16.6 24.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

