

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
 Data File : BF085027.D
 Acq On : 11 Feb 2016 19:35
 Operator : SJ/IZ
 Sample : H1377-12MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Quant Time: Feb 11 22:15:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	137858	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	588903	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	272632	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	509311	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	316969	20.00	ng	-0.01
86) Perylene-d12	15.11	264	277907	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1353449	152.92	ng	0.01
7) Phenol-d6	6.27	99	1589426	144.86	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1011529	96.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	422923	148.72	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1539195	101.83	ng	-0.01
78) Terphenyl-d14	12.72	244	1490143	106.53	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.11	88	136675	35.25	ng	# 71
3) Pyridine	2.74	79	423819	41.96	ng	# 68
4) n-Nitrosodimethylamine	2.71	42	230012	44.03	ng	84
6) Aniline	6.27	93	368306	27.43	ng	# 84
8) 2-Chlorophenol	6.40	128	461459	46.06	ng	96
9) Benzaldehyde	6.15	77	124671	19.24	ng	96
10) Phenol	6.28	94	456131	37.11	ng	88
11) bis(2-Chloroethyl)ether	6.36	93	425173	44.36	ng	95
12) 1,3-Dichlorobenzene	6.55	146	441196	41.68	ng	# 94
13) 1,4-Dichlorobenzene	6.63	146	459881	43.46	ng	95
14) 1,2-Dichlorobenzene	6.78	146	382885	38.85	ng	96
15) Benzyl Alcohol	6.76	79	362827	47.89	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.90	45	660062	40.94	ng	83
17) 2-Methylphenol	6.89	107	345930	43.66	ng	# 92
18) Hexachloroethane	7.12	117	170509	41.84	ng	97
19) n-Nitroso-di-n-propylamine	7.04	70	319675	46.48	ng	# 72
20) 3+4-Methylphenols	7.05	107	451778	45.94	ng	88
22) Acetophenone	7.04	105	651804	41.99	ng	# 94
24) Nitrobenzene	7.21	77	455970	40.73	ng	# 81
25) Isophorone	7.45	82	862553	42.43	ng	98
26) 2-Nitrophenol	7.52	139	224717	40.70	ng	# 83
27) 2,4-Dimethylphenol	7.58	122	400587	41.71	ng	94
28) bis(2-Chloroethoxy)methane	7.67	93	565548	46.90	ng	98
29) 2,4-Dichlorophenol	7.77	162	391048	47.59	ng	98
30) 1,2,4-Trichlorobenzene	7.84	180	371082	39.98	ng	98
31) Naphthalene	7.92	128	1198866	40.58	ng	99
32) Benzoic acid	7.68	122	53422	8.70	ng	90
33) 4-Chloroaniline	7.98	127	214148	17.53	ng	98
34) Hexachlorobutadiene	8.04	225	215812	40.33	ng	99
35) Caprolactam	8.36	113	74730	29.51	ng	# 57
36) 4-Chloro-3-methylphenol	8.48	107	407941	43.52	ng	94
37) 2-Methylnaphthalene	8.62	142	872662	47.20	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	330527	38.17	ng	98
40) Hexachlorocyclopentadiene	8.76	237	257872	70.81	ng	98

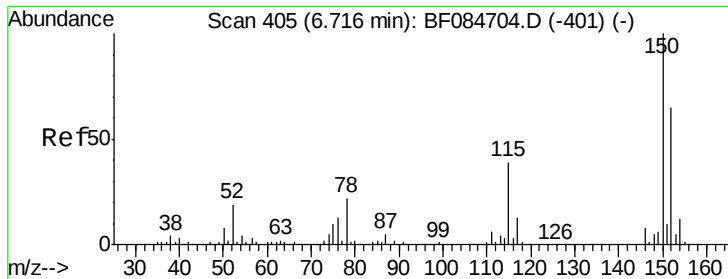
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	251535	45.09	ng	95
43) 2,4,5-Trichlorophenol	8.95	196	260220	45.91	ng #	90
45) 1,1'-Biphenyl	9.08	154	1005458	41.29	ng	95
46) 2-Chloronaphthalene	9.10	162	696296	38.83	ng	97
47) 2-Nitroaniline	9.21	65	268005	47.20	ng #	67
48) Acenaphthylene	9.51	152	1081486	39.74	ng	98
49) Dimethylphthalate	9.39	163	1078748	51.95	ng #	90
50) 2,6-Dinitrotoluene	9.45	165	178105	39.26	ng #	50
51) Acenaphthene	9.68	154	692837	39.13	ng	97
52) 3-Nitroaniline	9.62	138	146110	28.66	ng #	70
53) 2,4-Dinitrophenol	9.74	184	148906	71.77	ng	87
54) Dibenzofuran	9.86	168	1008741	46.62	ng	98
55) 4-Nitrophenol	9.80	139	238221	63.59	ng #	77
56) 2,4-Dinitrotoluene	9.86	165	255185	44.11	ng #	78
57) Fluorene	10.19	166	718382	39.76	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	208826	48.40	ng #	86
59) Diethylphthalate	10.09	149	826851	40.78	ng	99
60) 4-Chlorophenyl-phenylether	10.19	204	352874	46.77	ng	96
61) 4-Nitroaniline	10.24	138	223809	45.06	ng	83
62) Azobenzene	10.35	77	915316	46.95	ng	91
64) 4,6-Dinitro-2-methylphenol	10.26	198	125584	39.95	ng #	57
65) n-Nitrosodiphenylamine	10.32	169	718889	44.45	ng	99
66) 4-Bromophenyl-phenylether	10.68	248	245408	43.63	ng	98
67) Hexachlorobenzene	10.74	284	246181	40.16	ng #	89
68) Atrazine	10.86	200	257404	50.40	ng	97
69) Pentachlorophenol	10.95	266	238875	82.92	ng	98
70) Phenanthrene	11.15	178	1168099	41.35	ng	98
71) Anthracene	11.20	178	1166324	40.97	ng	100
72) Carbazole	11.37	167	1104839	44.51	ng	97
73) Di-n-butylphthalate	11.70	149	1257208	39.79	ng #	97
74) Fluoranthene	12.33	202	1074239	37.57	ng	99
76) Benzidine	12.47	184	303415	27.40	ng	97
77) Pyrene	12.56	202	1072667	44.20	ng	99
79) Butylbenzylphthalate	13.20	149	513211	46.62	ng #	84
80) Benzo(a)anthracene	13.75	228	901133	45.81	ng	99
81) 3,3'-Dichlorobenzidine	13.71	252	157607	22.63	ng #	94
82) Chrysene	13.78	228	655309	34.35	ng	99
83) Bis(2-ethylhexyl)phthalate	13.76	149	632137	46.14	ng	98
84) Di-n-octyl phthalate	14.37	149	964005	42.65	ng #	90
85) Indeno(1,2,3-cd)pyrene	16.37	276	809084	53.88	ng	99
87) Benzo(b)fluoranthene	14.78	252	1435086	76.86	ng	98
88) Benzo(k)fluoranthene	14.78	252	1435086	92.95	ng #	96
89) Benzo(a)pyrene	15.06	252	688729	43.29	ng	99
90) Dibenzo(a,h)anthracene	16.38	278	671542	50.14	ng #	96
91) Benzo(g,h,i)perylene	16.74	276	695841	51.58	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

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SB03-2-3MSD

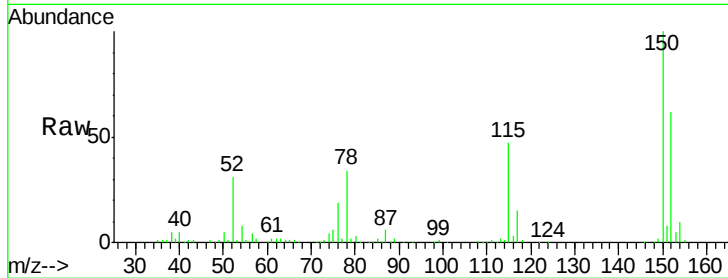
Tgt Ion:152 Resp: 137858

Ion Ratio Lower Upper

152 100

150 161.7 123.0 184.4

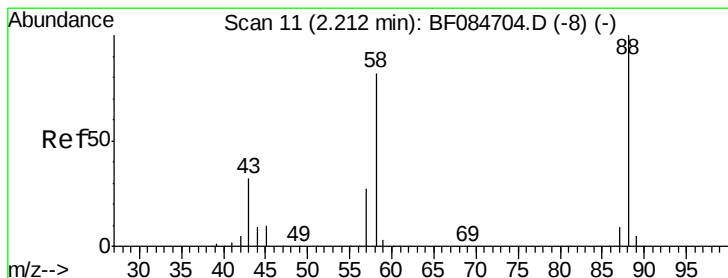
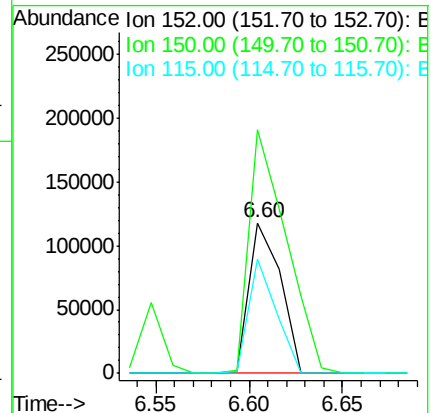
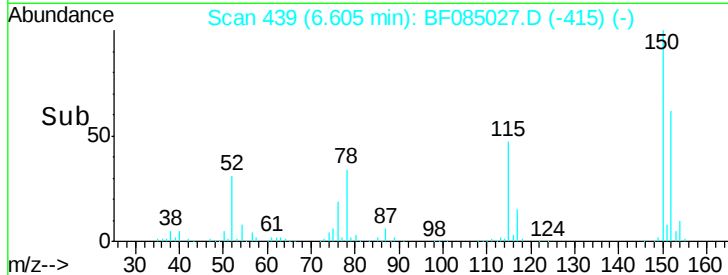
115 76.1 51.4 77.2



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: 35.25 ng

RT: 2.11 min Scan# 46

Delta R.T. 0.03 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

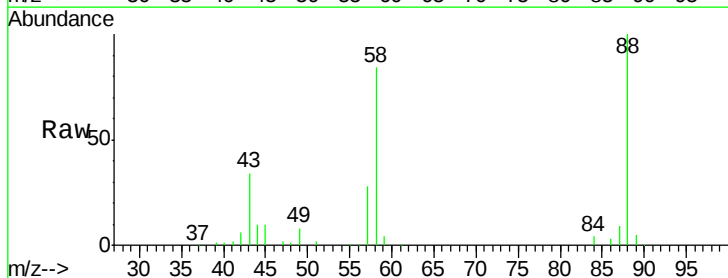
Tgt Ion: 88 Resp: 136675

Ion Ratio Lower Upper

88 100

58 89.1 51.2 76.8#

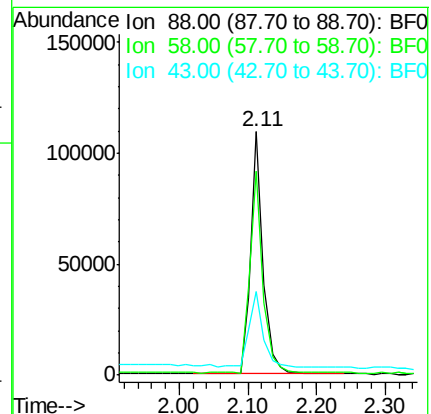
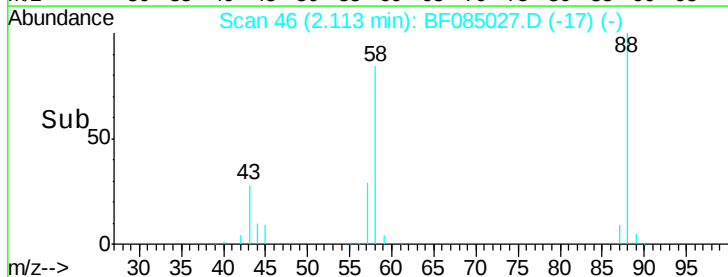
43 33.9 19.5 29.3#

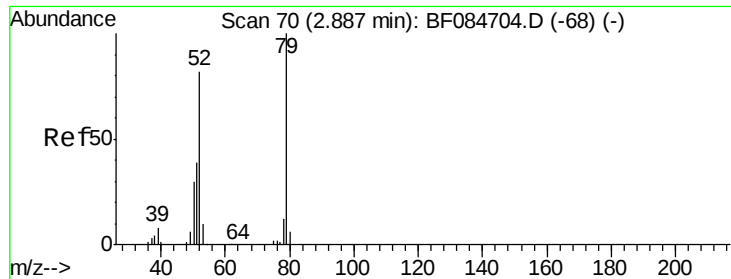


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.96 ng

RT: 2.74 min Scan# 101

Delta R.T. 0.02 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

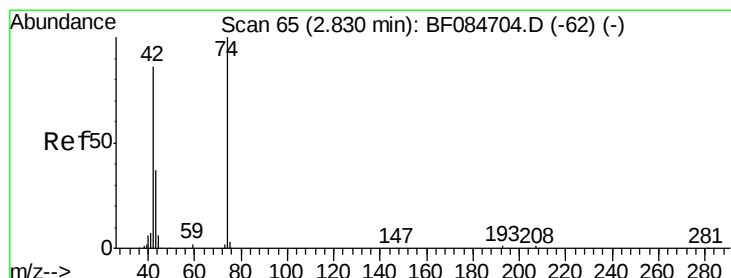
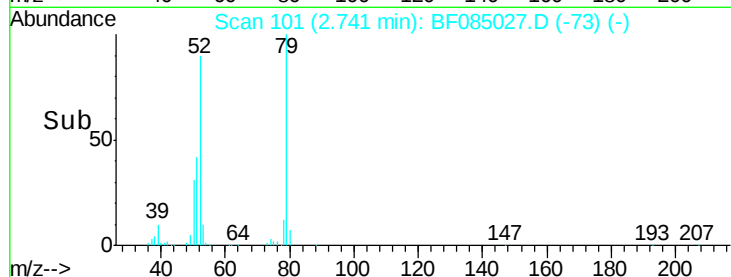
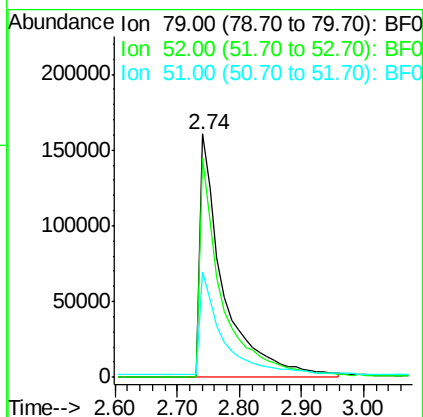
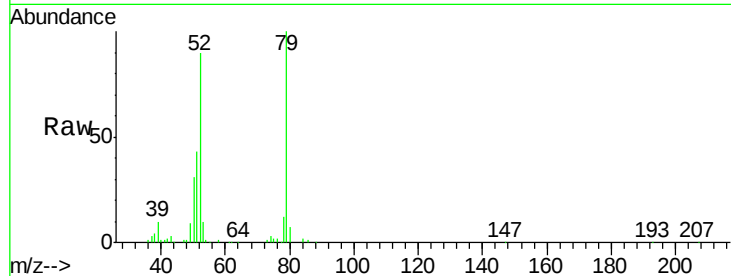
Tgt Ion: 79 Resp: 423819

Ion Ratio Lower Upper

79 100

52 90.2 49.0 73.4#

51 43.3 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 44.03 ng

RT: 2.71 min Scan# 98

Delta R.T. 0.02 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

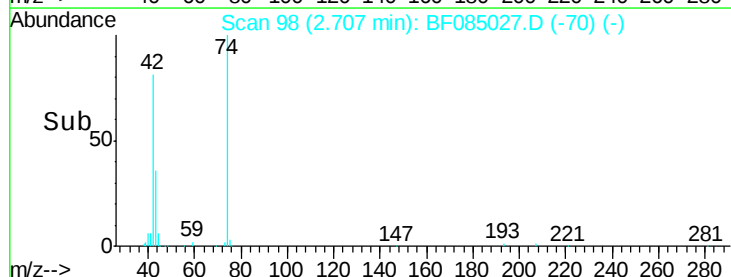
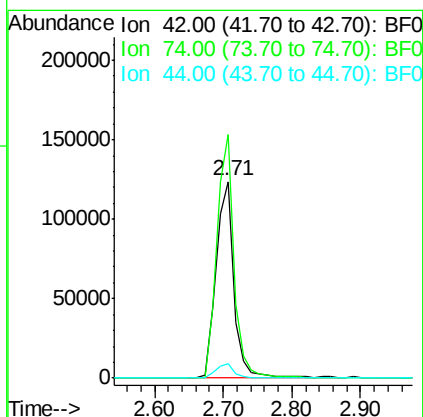
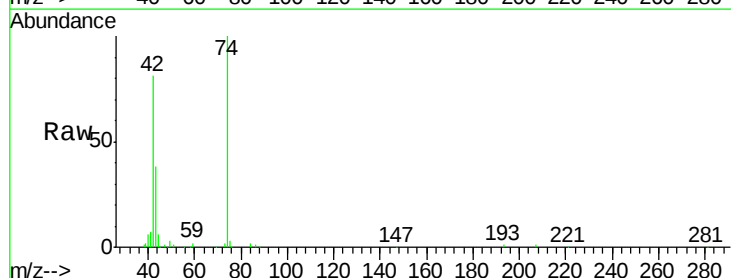
Tgt Ion: 42 Resp: 230012

Ion Ratio Lower Upper

42 100

74 123.9 115.7 173.5

44 7.6 5.1 7.7





#5

2-Fluorophenol

Concen: 152.92 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

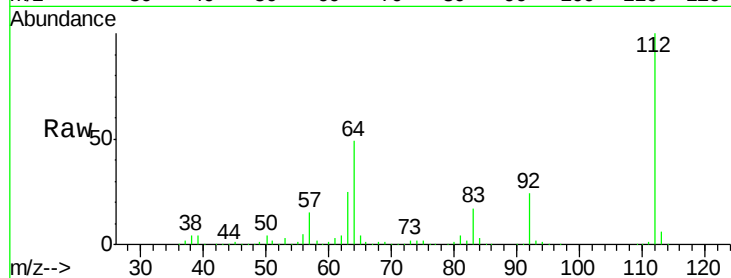
Tgt Ion: 112 Resp: 1353449

Ion Ratio Lower Upper

112 100

64 48.9 36.6 55.0

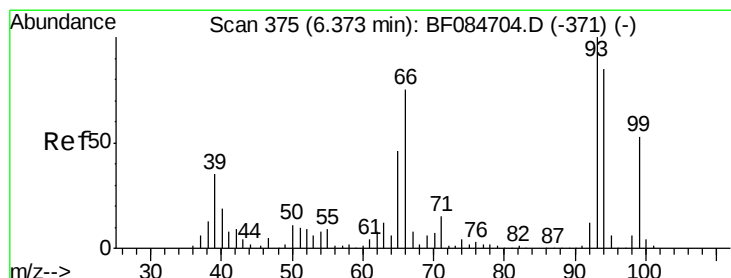
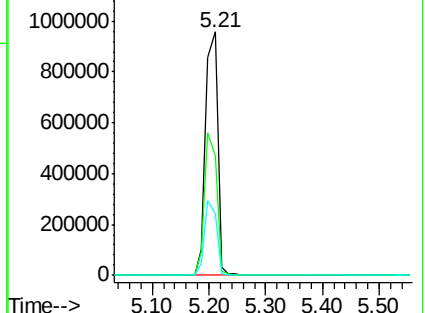
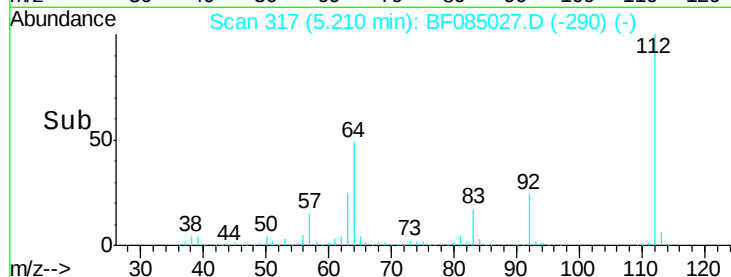
63 25.2 19.4 29.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.43 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

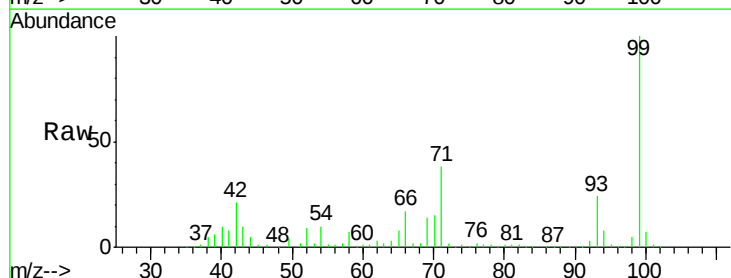
Tgt Ion: 93 Resp: 368306

Ion Ratio Lower Upper

93 100

66 71.5 44.9 67.3#

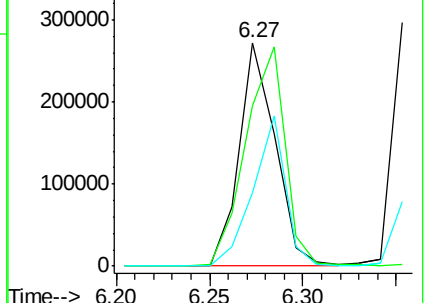
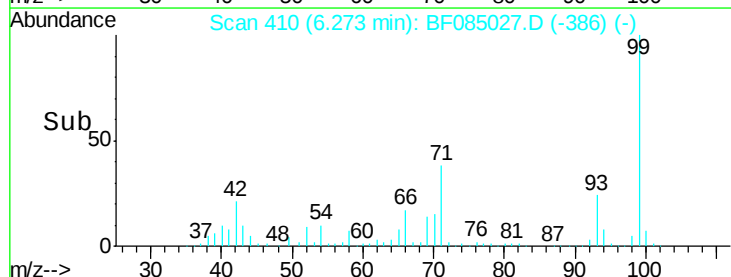
65 32.7 23.7 35.5



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: 144.86 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085027.D

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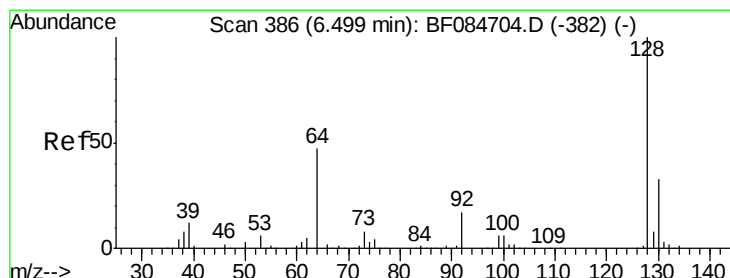
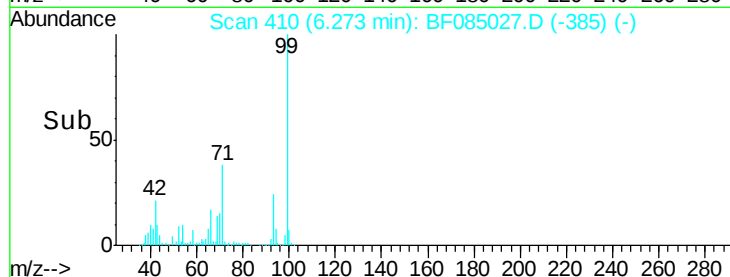
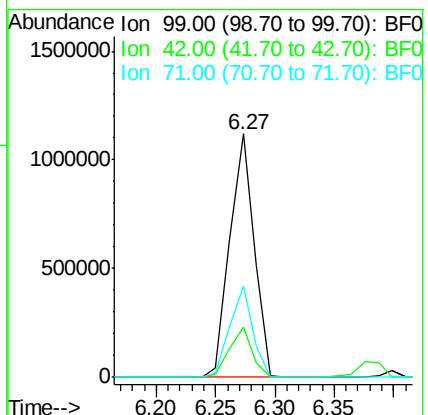
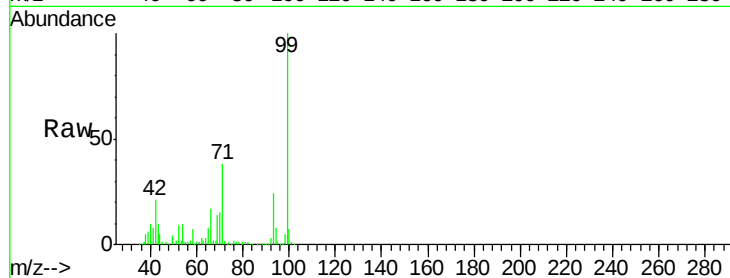
Tgt Ion: 99 Resp: 1589426

Ion Ratio Lower Upper

99 100

42 20.7 12.8 19.2#

71 37.5 30.9 46.3



#8

2-Chlorophenol

Concen: 46.06 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

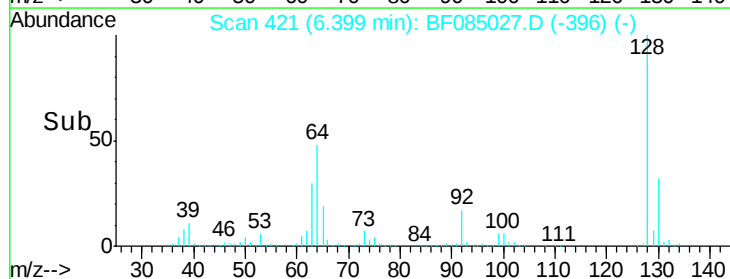
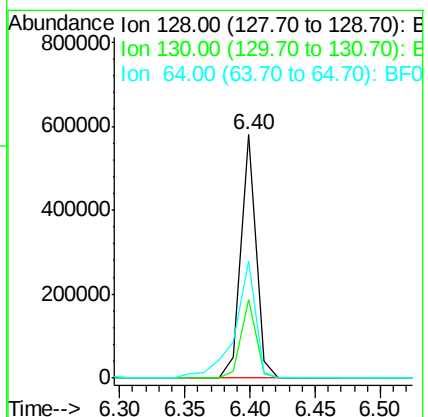
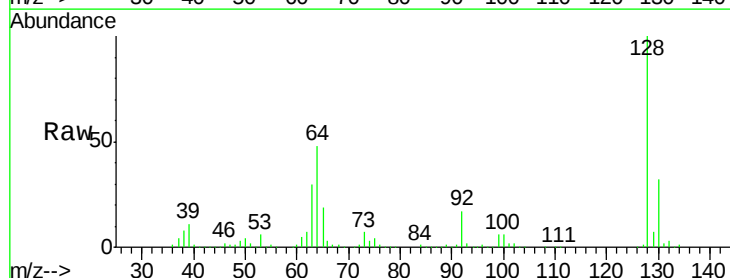
Tgt Ion: 128 Resp: 461459

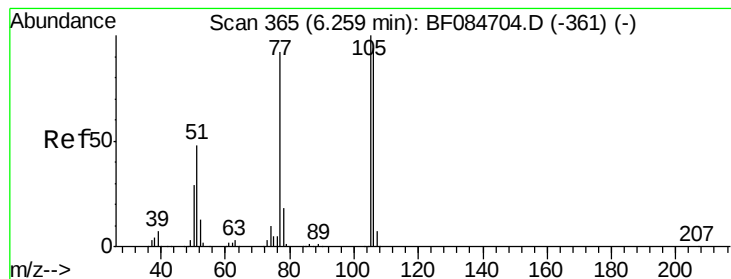
Ion Ratio Lower Upper

128 100

130 32.4 11.6 51.6

64 48.0 23.8 63.8





#9

Benzaldehyde

Concen: 19.24 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.02 min

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Acq: 11 Feb 2016 19:35

Instrument :

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ClientSampleId :

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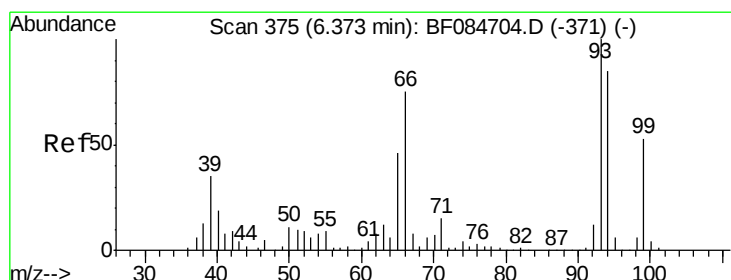
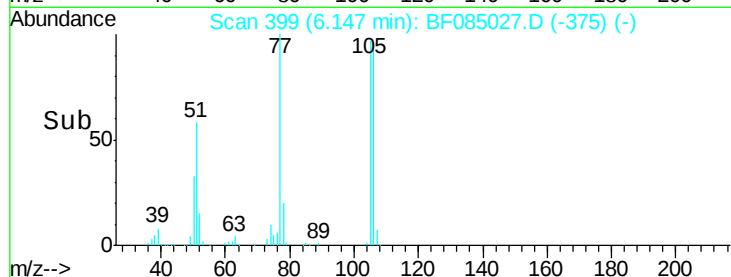
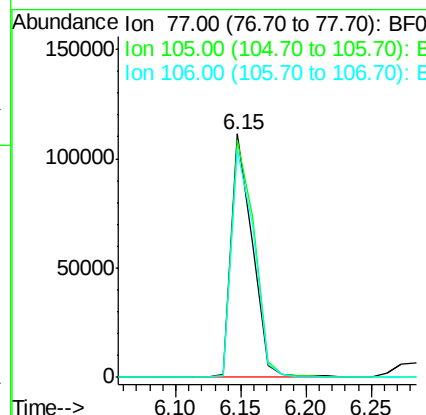
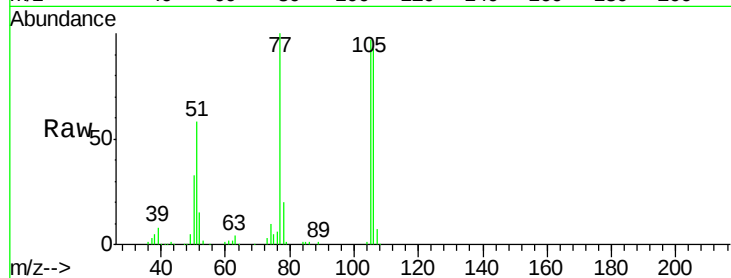
Tgt Ion: 77 Resp: 124671

Ion Ratio Lower Upper

77 100

105 97.3 83.0 123.0

106 93.1 74.6 114.6



#10

Phenol

Concen: 37.11 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

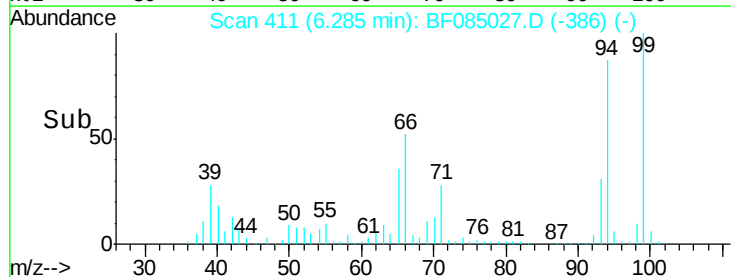
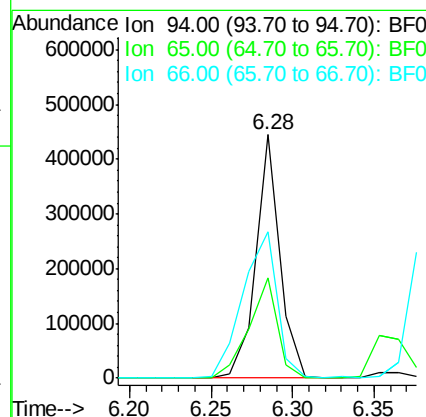
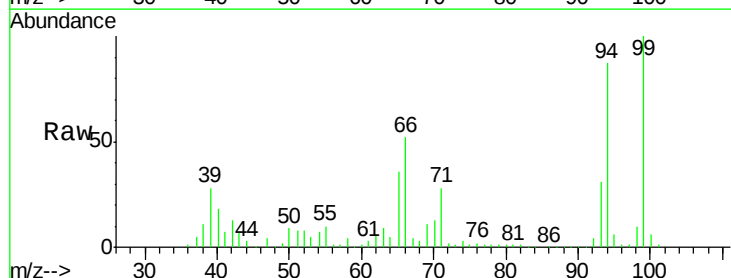
Tgt Ion: 94 Resp: 456131

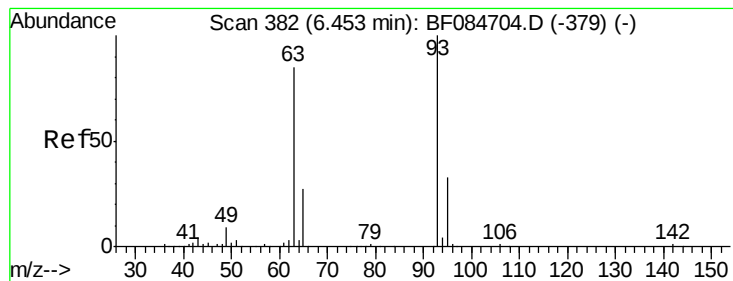
Ion Ratio Lower Upper

94 100

65 41.2 12.9 52.9

66 59.9 32.7 72.7

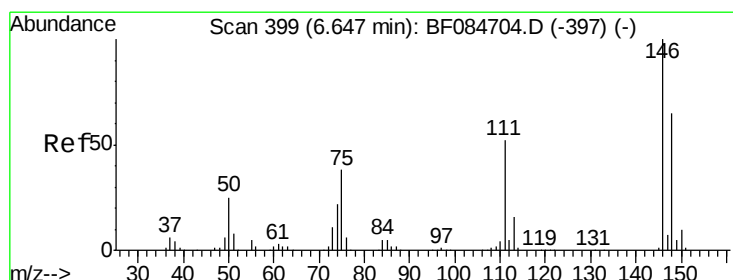
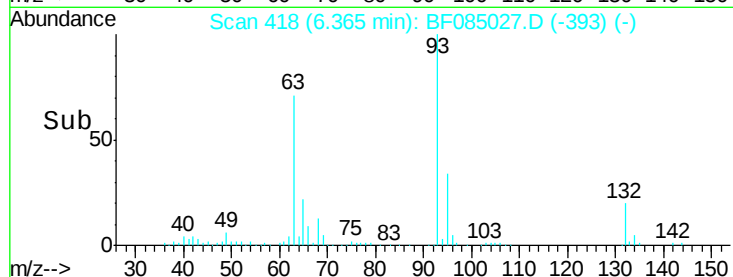
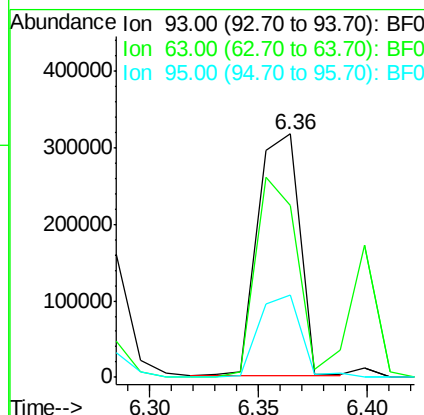
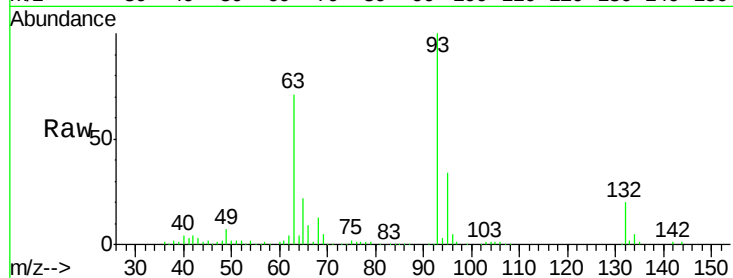




#11
 bis(2-Chloroethyl)ether
 Concen: 44.36 ng
 RT: 6.36 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

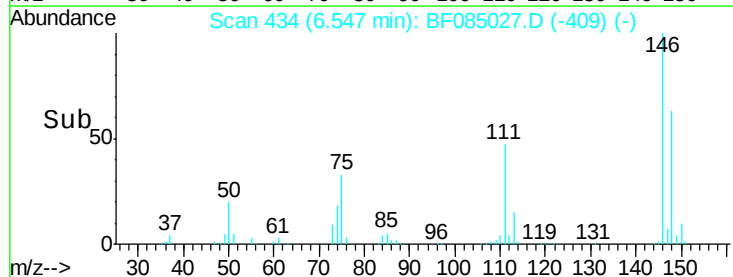
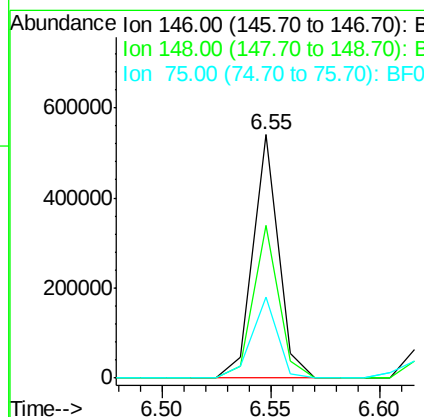
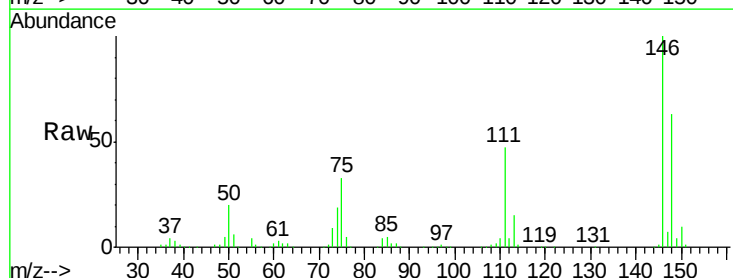
Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

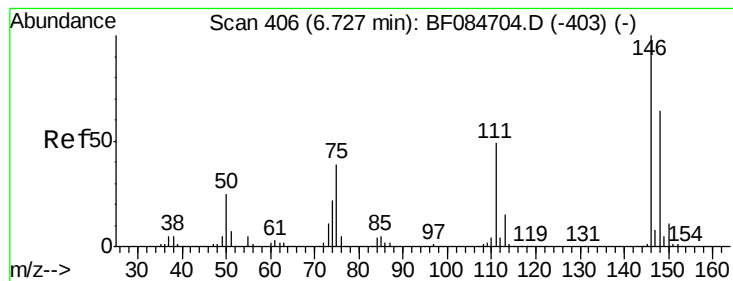
Tgt Ion: 93 Resp: 425173
 Ion Ratio Lower Upper
 93 100
 63 70.8 45.9 85.9
 95 33.9 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 41.68 ng
 RT: 6.55 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Tgt Ion: 146 Resp: 441196
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.9 77.9
 75 33.4 20.5 30.7#





#13

1,4-Dichlorobenzene

Concen: 43.46 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

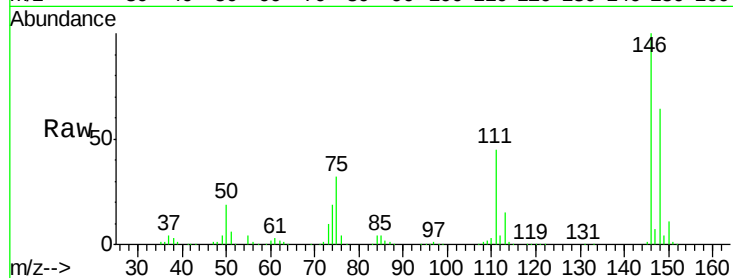
Tgt Ion:146 Resp: 459881

Ion Ratio Lower Upper

146 100

148 64.3 51.9 77.9

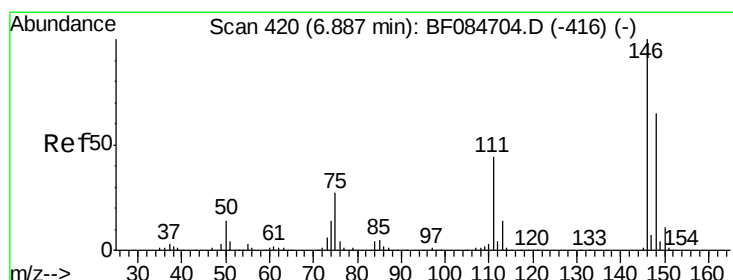
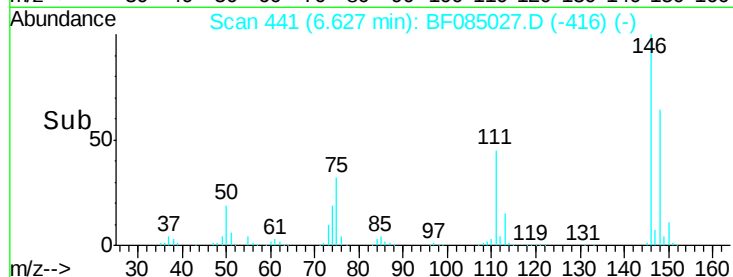
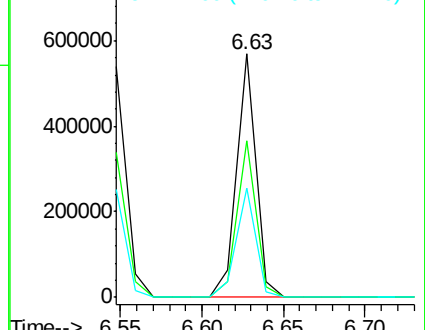
111 44.9 41.6 62.4



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: 38.85 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.02 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

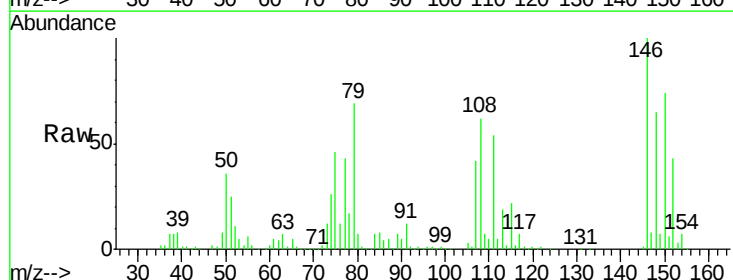
Tgt Ion:146 Resp: 382885

Ion Ratio Lower Upper

146 100

148 64.6 51.6 77.4

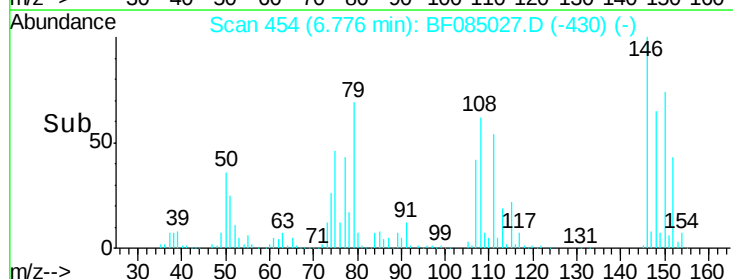
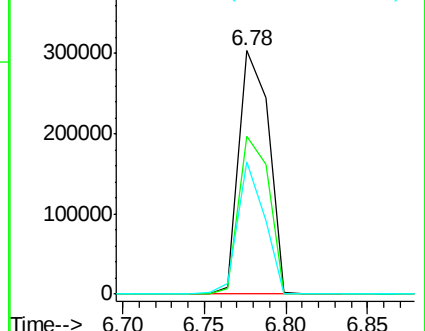
111 54.1 38.0 57.0

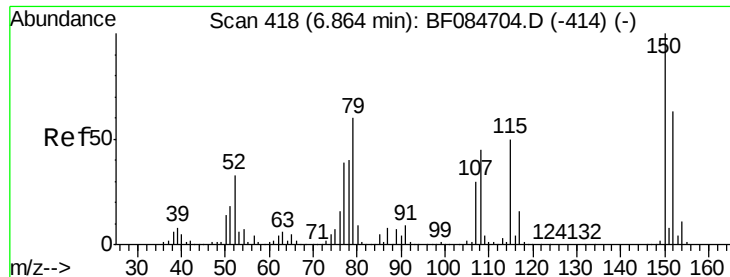


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.89 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.02 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

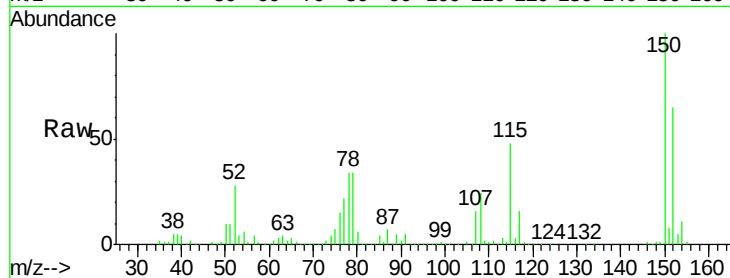
Tgt Ion: 79 Resp: 362827

Ion Ratio Lower Upper

79 100

108 71.4 69.0 103.4

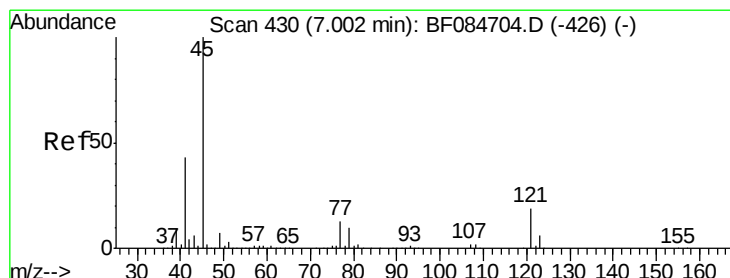
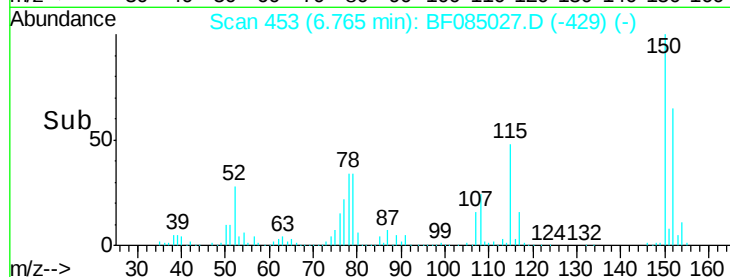
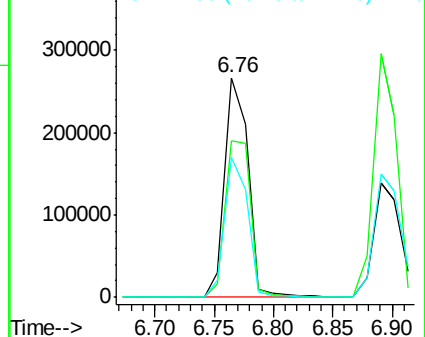
77 63.8 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.94 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

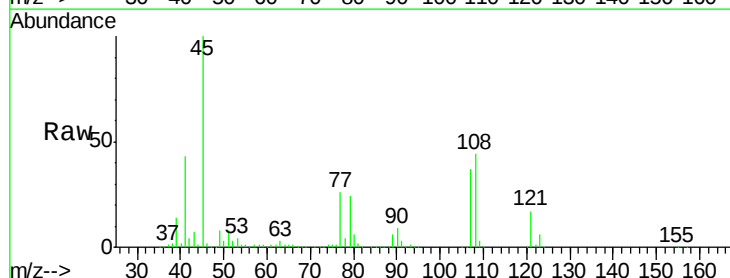
Tgt Ion: 45 Resp: 660062

Ion Ratio Lower Upper

45 100

77 26.1 0.0 39.6

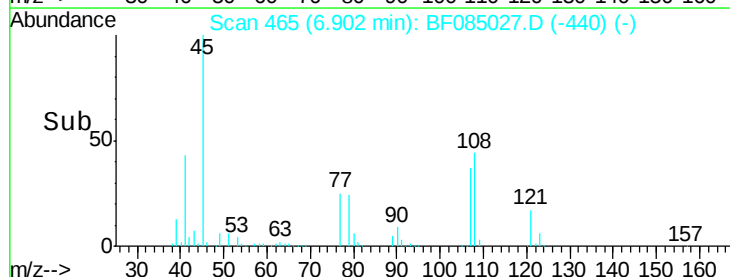
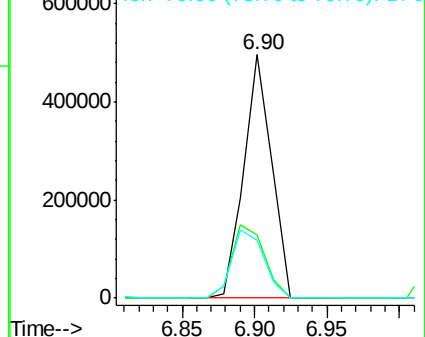
79 24.0 0.0 35.0

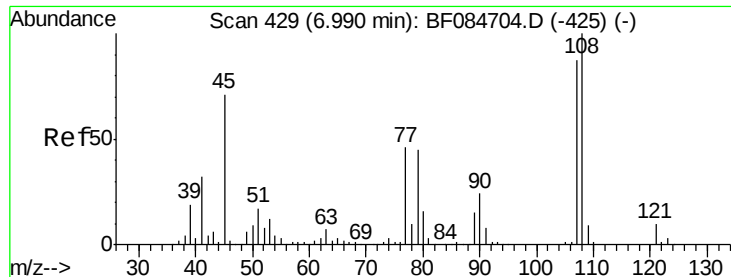


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

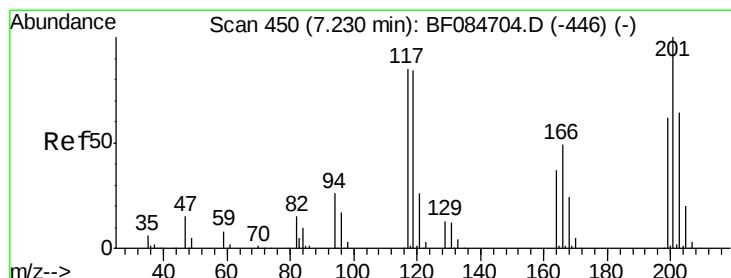
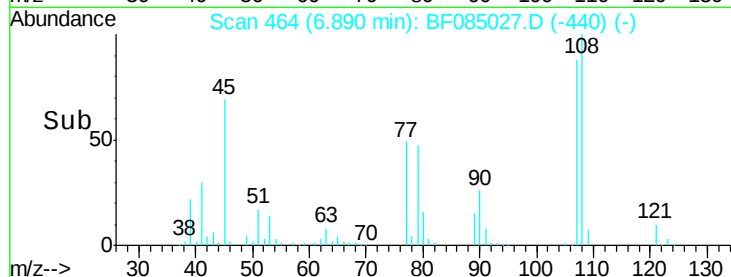
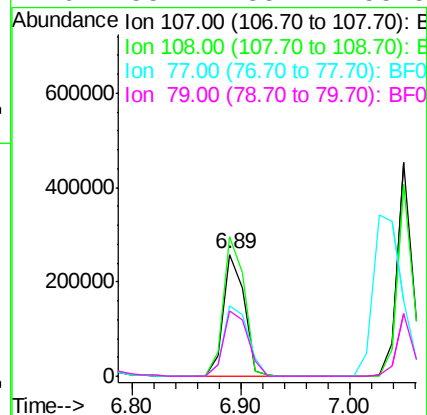
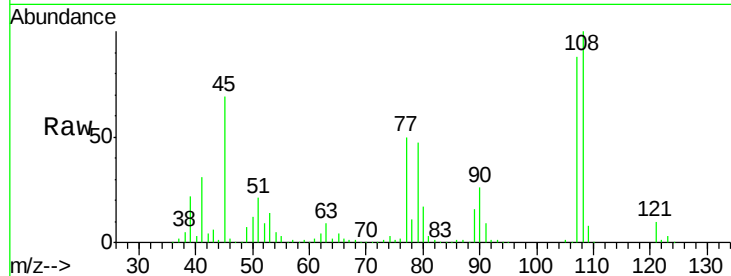




#17
2-Methylphenol
Concen: 43.66 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.02 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

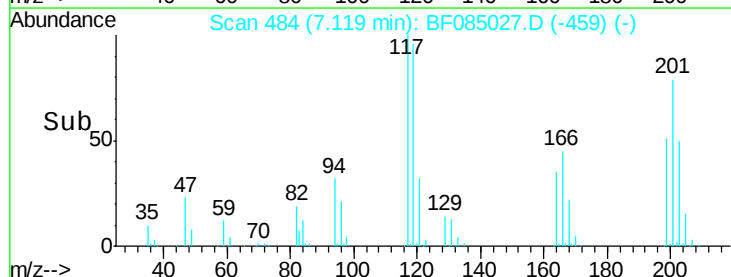
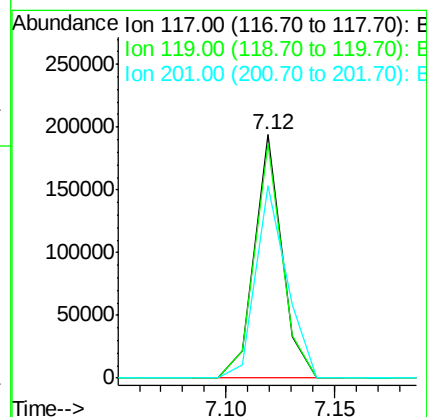
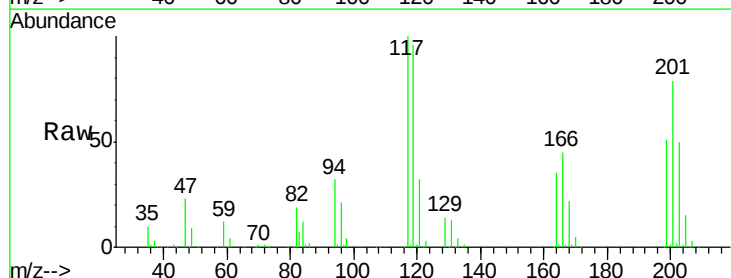
Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tgt Ion:107 Resp: 345930
Ion Ratio Lower Upper
107 100
108 114.1 89.8 134.6
77 57.5 35.7 53.5#
79 53.7 35.7 53.5#



#18
Hexachloroethane
Concen: 41.84 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Tgt Ion:117 Resp: 170509
Ion Ratio Lower Upper
117 100
119 96.4 77.4 116.0
201 79.3 68.6 103.0

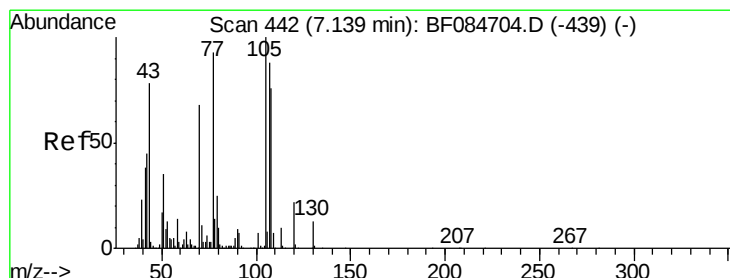
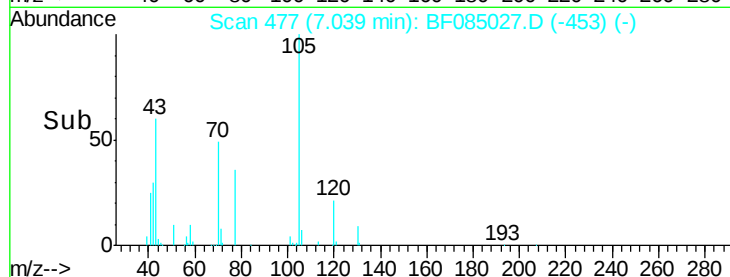
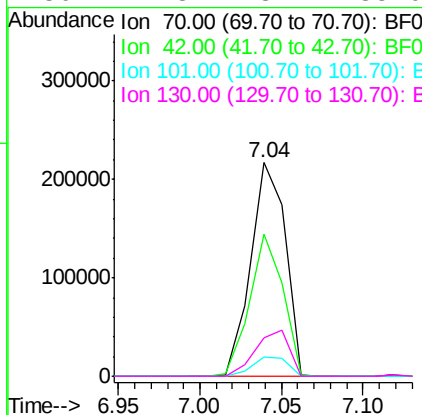
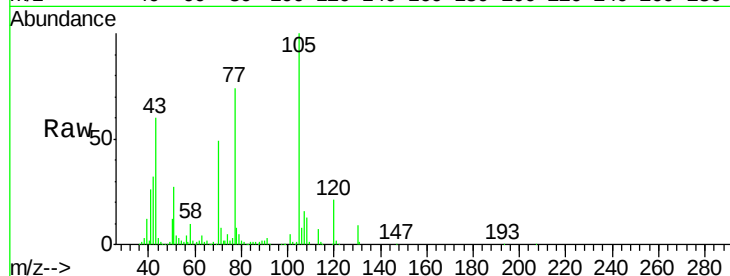




#19
n-Nitroso-di-n-propylamine
Concen: 46.48 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

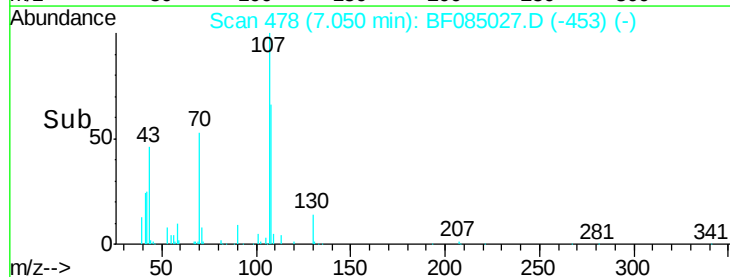
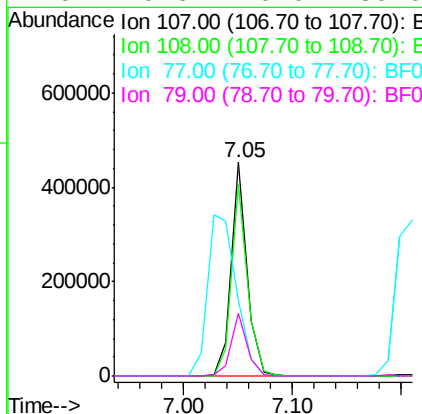
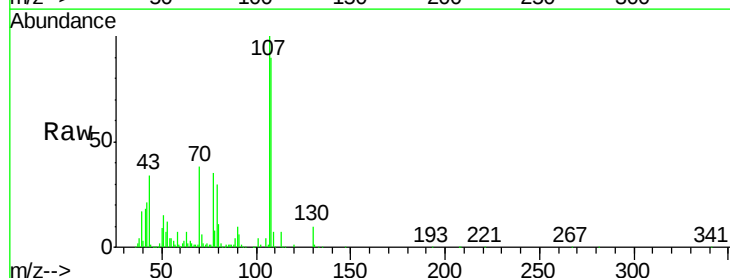
Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tgt Ion:	70	Resp:	319675
Ion	Ratio	Lower	Upper
70	100		
42	66.3	33.3	49.9#
101	9.3	9.3	13.9#
130	17.8	23.4	35.0#



#20
3+4-Methylphenols
Concen: 45.94 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Tgt Ion:	107	Resp:	451778
Ion	Ratio	Lower	Upper
107	100		
108	89.8	74.6	114.6
77	35.3	0.7	40.7
79	29.6	0.0	39.0

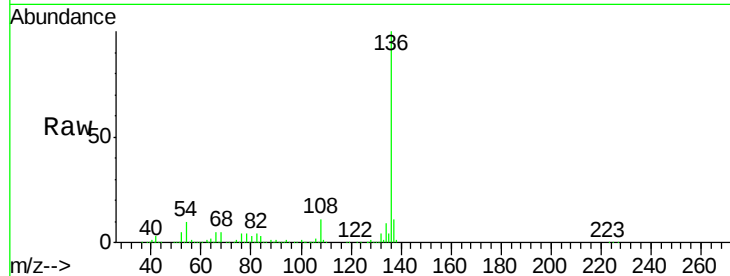




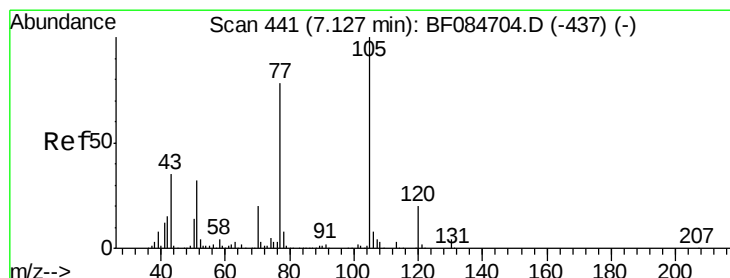
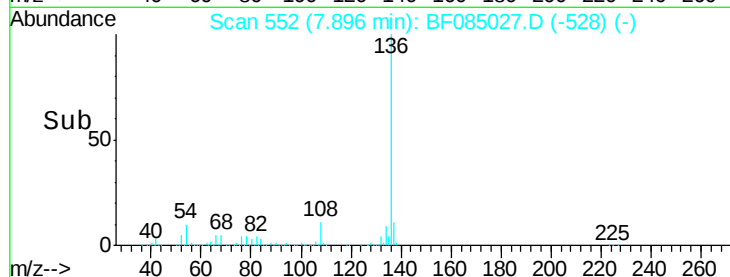
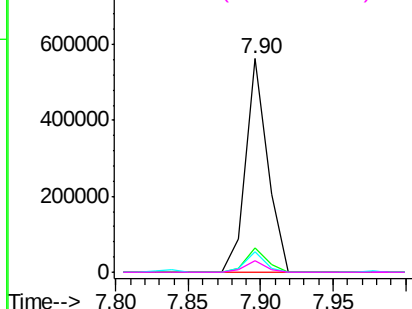
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tgt Ion:	136	Resp:	588903
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.7	13.1
54	9.6	5.8	8.8#
68	5.4	4.2	6.2

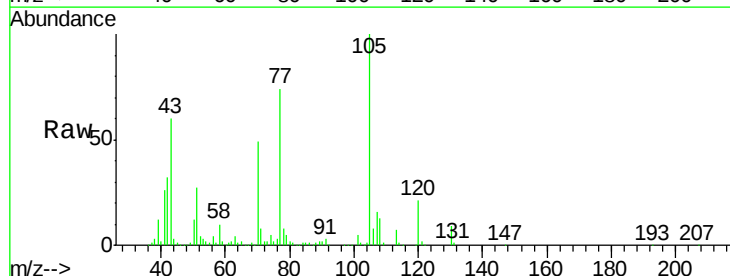


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

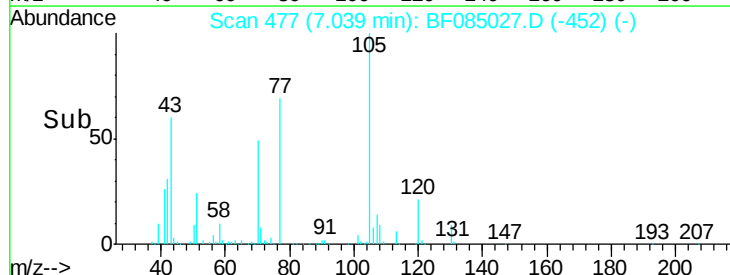
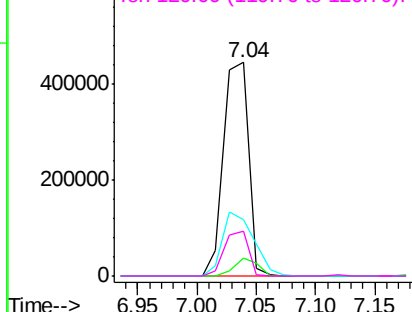


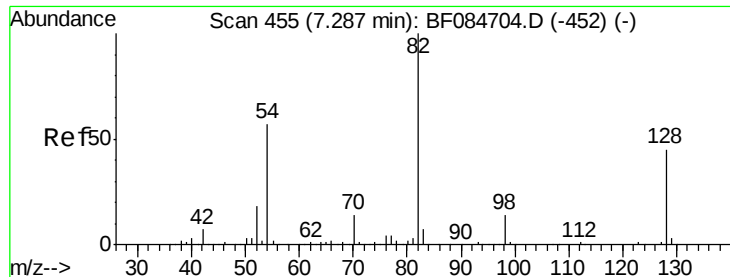
#22
Acetophenone
Concen: 41.99 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Tgt Ion:	105	Resp:	651804
Ion Ratio	Lower	Upper	
105	100		
71	8.2	3.7	5.5#
51	26.6	25.1	37.7
120	21.0	16.6	25.0



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

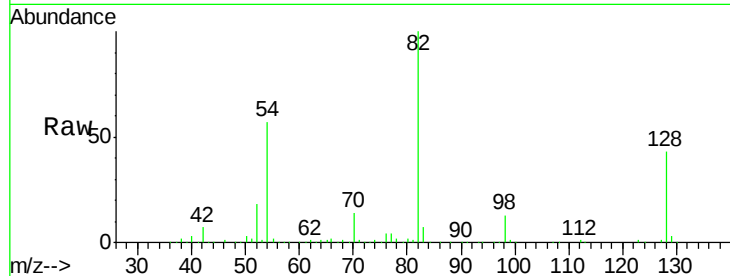




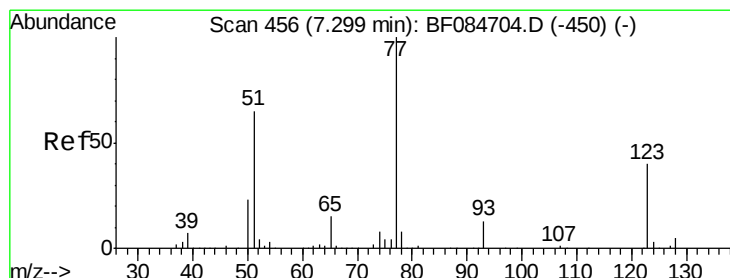
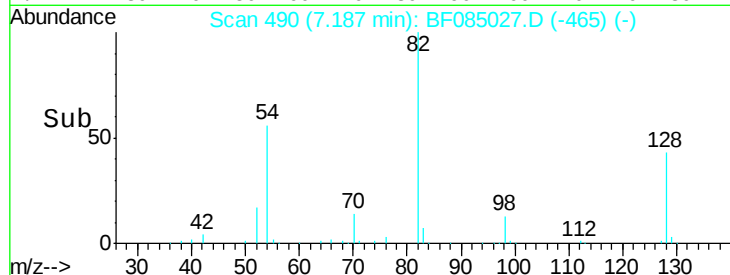
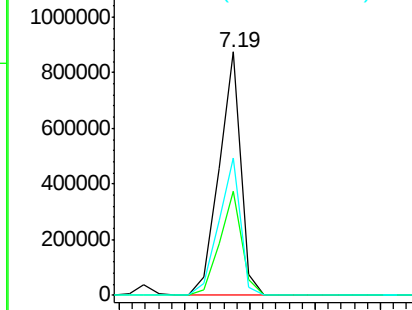
#23
 Nitrobenzene-d5
 Concen: 96.76 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tgt Ion: 82 Resp: 1011529
 Ion Ratio Lower Upper
 82 100
 128 42.9 34.6 51.8
 54 56.5 38.4 57.6

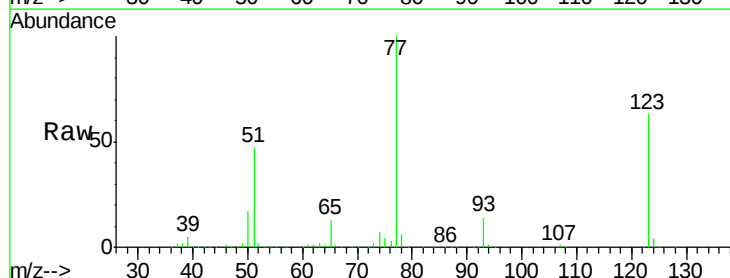


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

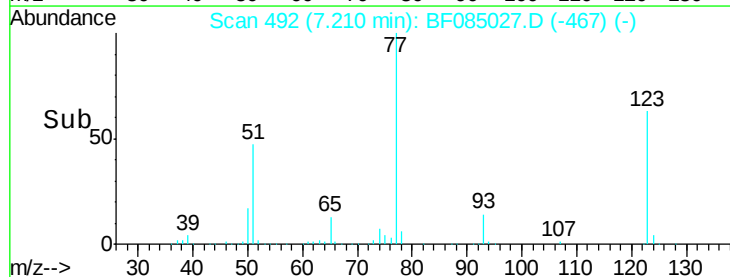
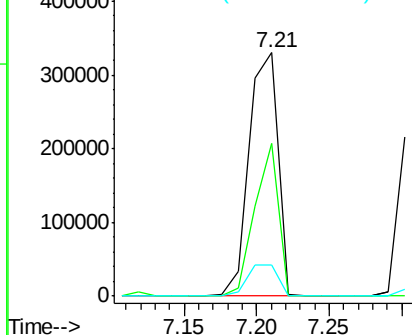


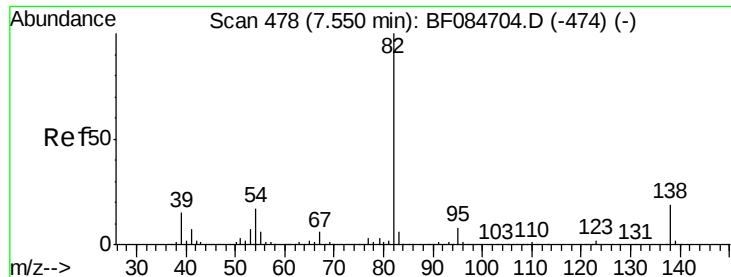
#24
 Nitrobenzene
 Concen: 40.73 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Tgt Ion: 77 Resp: 455970
 Ion Ratio Lower Upper
 77 100
 123 62.5 37.4 56.2#
 65 13.0 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.43 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

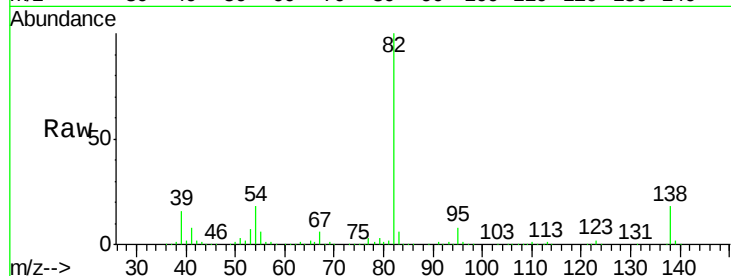
Tgt Ion: 82 Resp: 862553

Ion Ratio Lower Upper

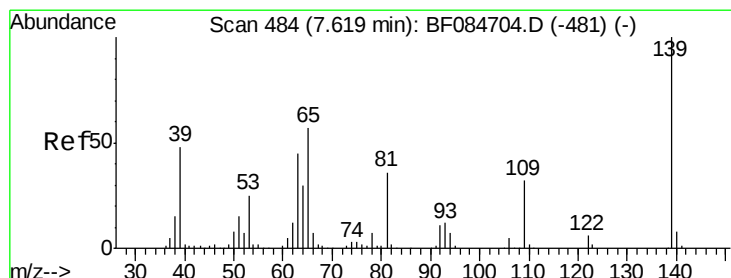
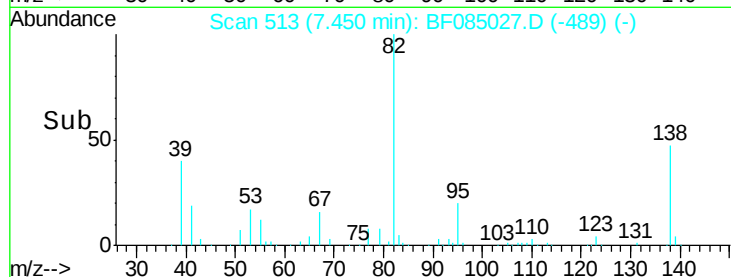
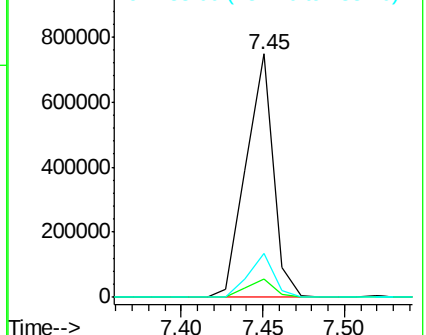
82 100

95 7.7 6.6 10.0

138 18.1 13.6 20.4



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



#26

2-Nitrophenol

Concen: 40.70 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

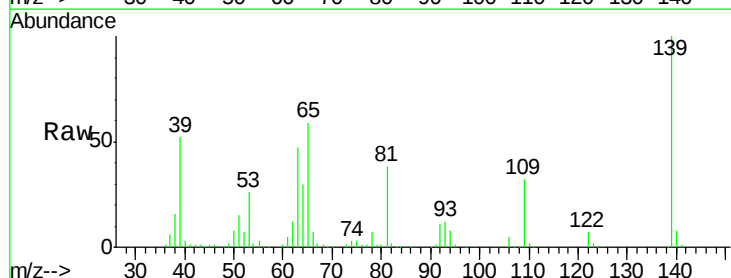
Tgt Ion: 139 Resp: 224717

Ion Ratio Lower Upper

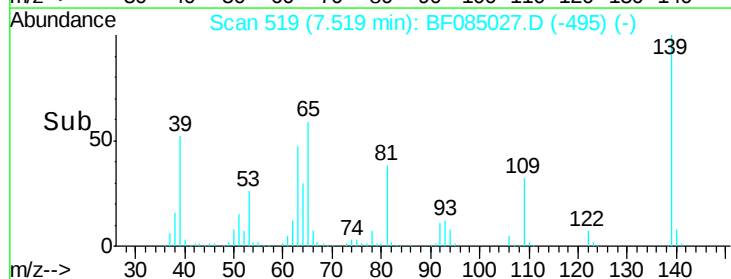
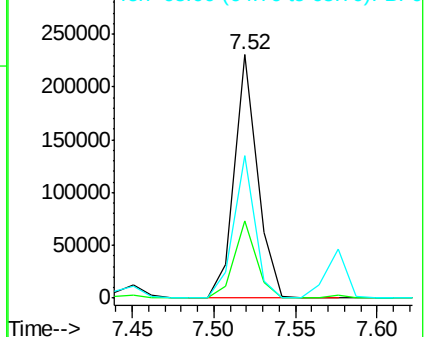
139 100

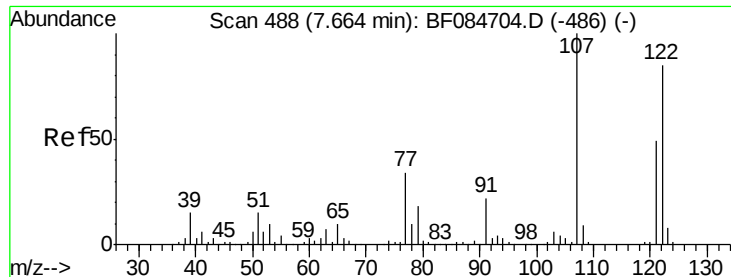
109 31.7 25.4 38.2

65 58.8 32.3 48.5#



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





#27

2,4-Dimethylphenol

Concen: 41.71 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

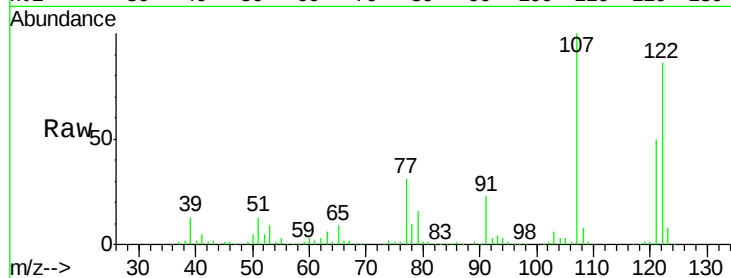
Tgt Ion:122 Resp: 400587

Ion Ratio Lower Upper

122 100

107 115.9 99.1 148.7

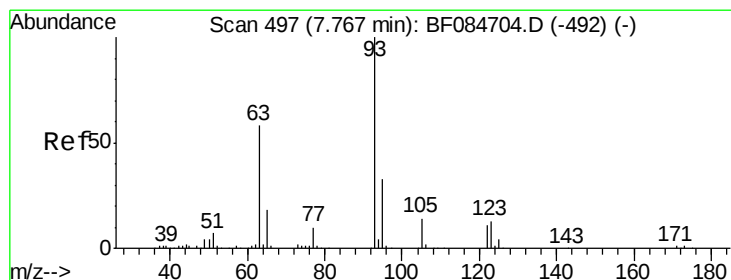
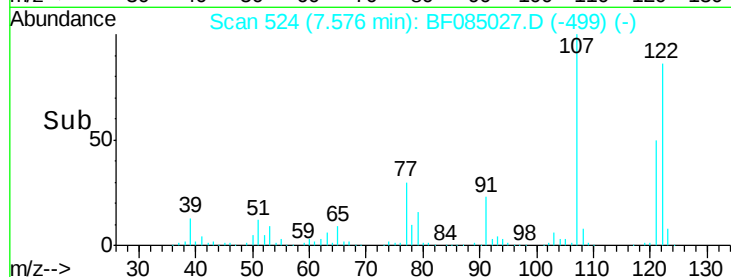
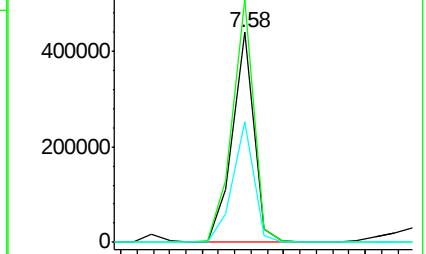
121 57.8 47.9 71.9



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: 46.90 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

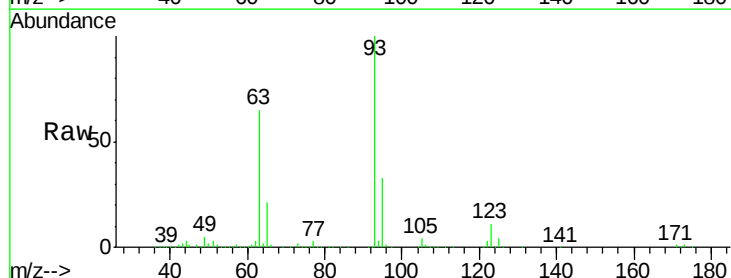
Tgt Ion: 93 Resp: 565548

Ion Ratio Lower Upper

93 100

95 33.4 25.8 38.6

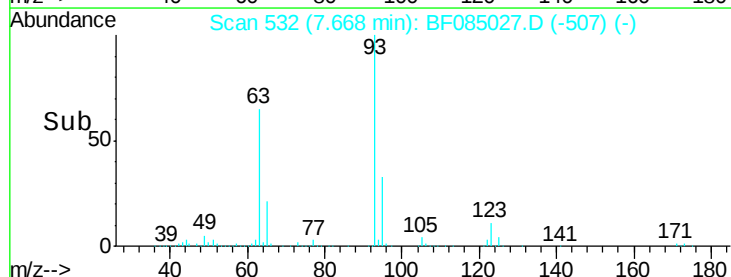
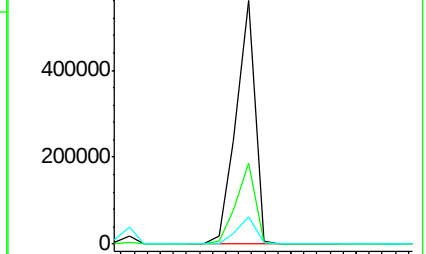
123 11.4 8.6 12.8

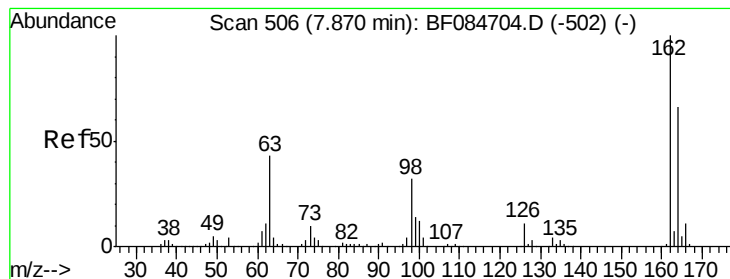


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 47.59 ng

RT: 7.77 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

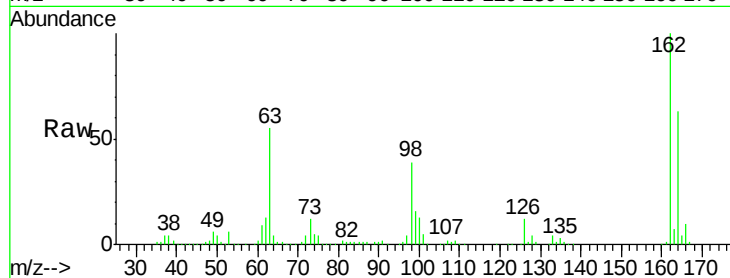
Tgt Ion:162 Resp: 391048

Ion Ratio Lower Upper

162 100

164 62.8 44.1 84.1

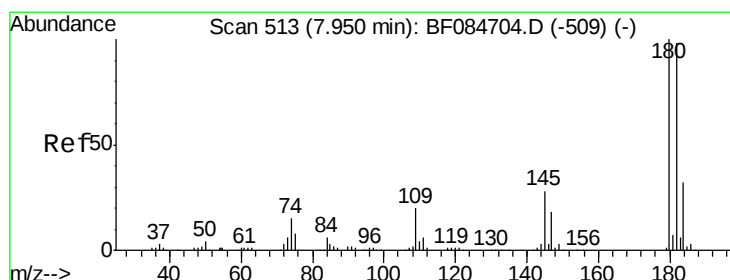
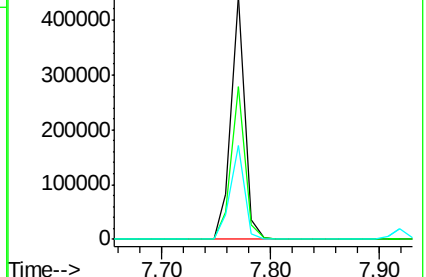
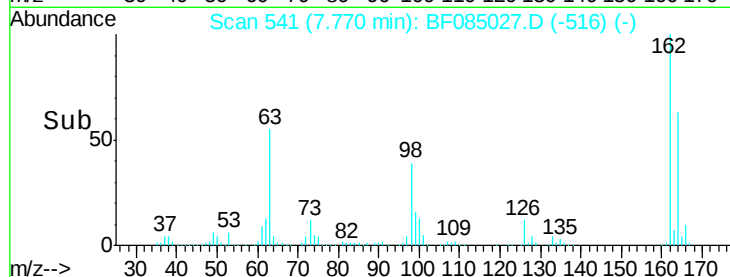
98 38.6 20.2 60.2



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: 39.98 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.02 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

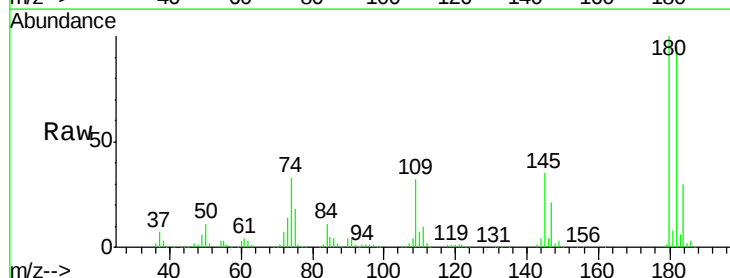
Tgt Ion:180 Resp: 371082

Ion Ratio Lower Upper

180 100

182 95.3 76.4 114.6

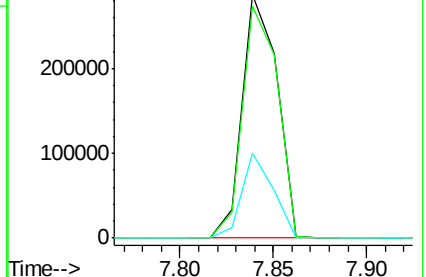
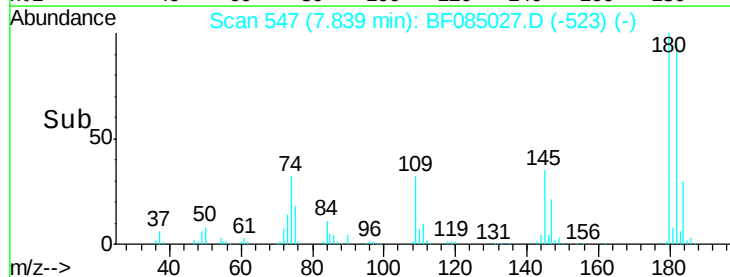
145 35.1 31.6 47.4

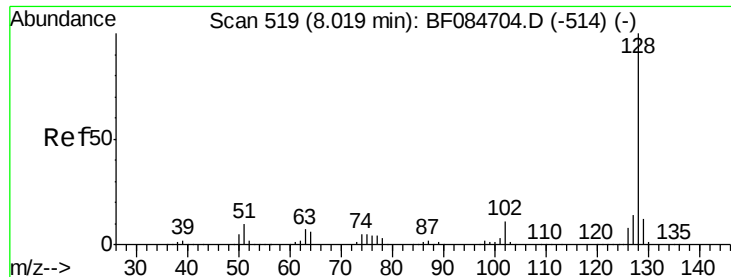


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

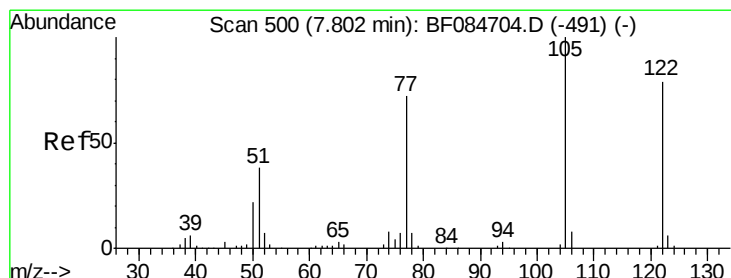
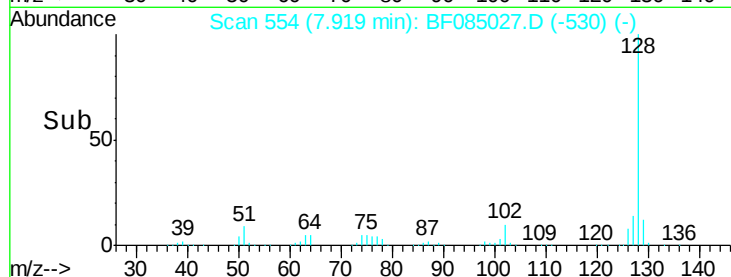
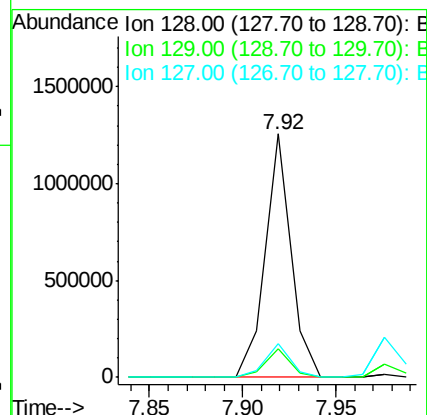
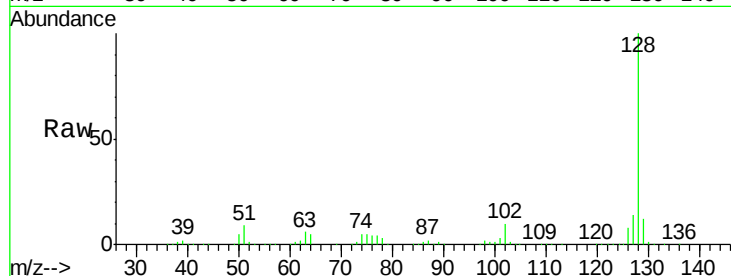




#31
Naphthalene
Concen: 40.58 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.02 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

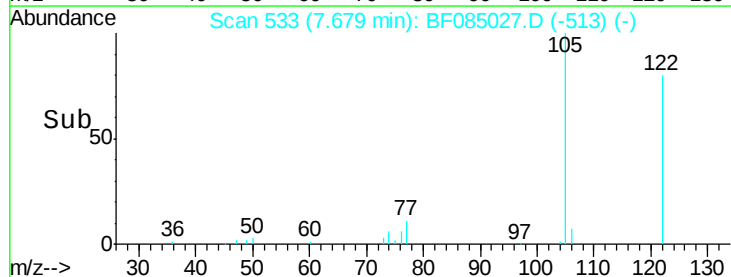
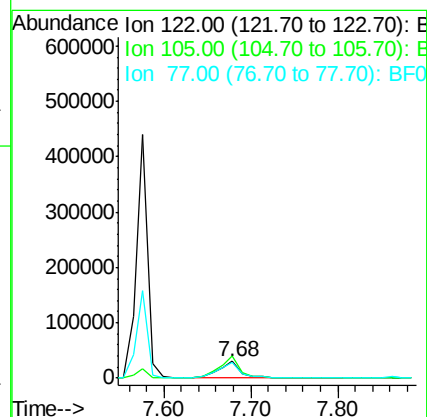
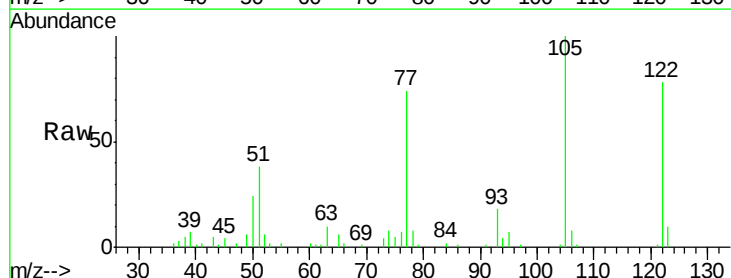
Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

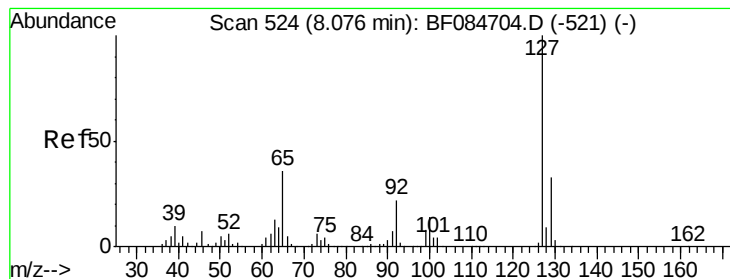
Tgt Ion:128 Resp: 1198866
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.6 11.1 16.7



#32
Benzoic acid
Concen: 8.70 ng
RT: 7.68 min Scan# 533
Delta R.T. -0.07 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Tgt Ion:122 Resp: 53422
Ion Ratio Lower Upper
122 100
105 128.8 100.3 140.3
77 95.5 63.5 103.5





#33

4-Chloroaniline

Concen: 17.53 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

Tgt Ion:127 Resp: 214148

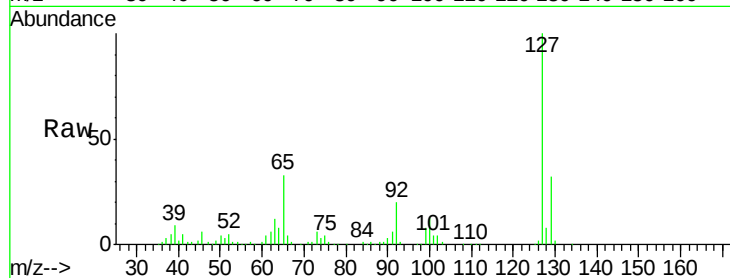
Ion Ratio Lower Upper

127 100

129 32.4 26.5 39.7

65 33.4 27.2 40.8

92 20.2 17.7 26.5

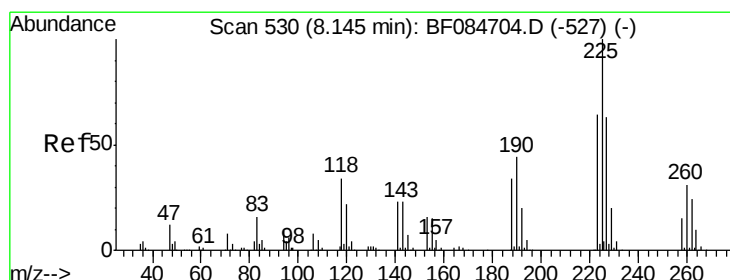
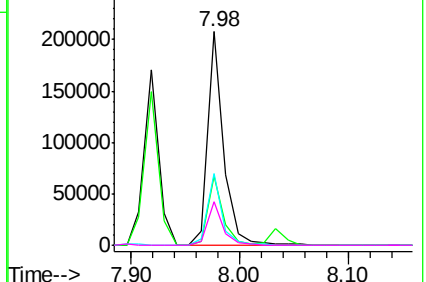
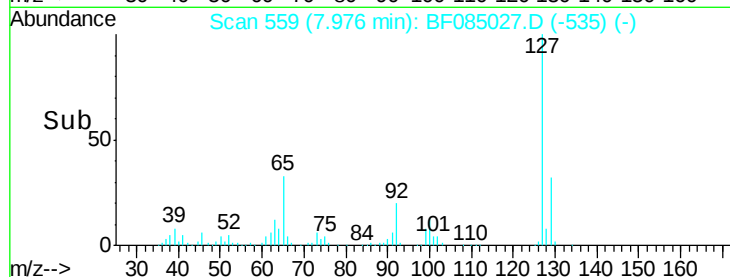


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.33 ng

RT: 8.04 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

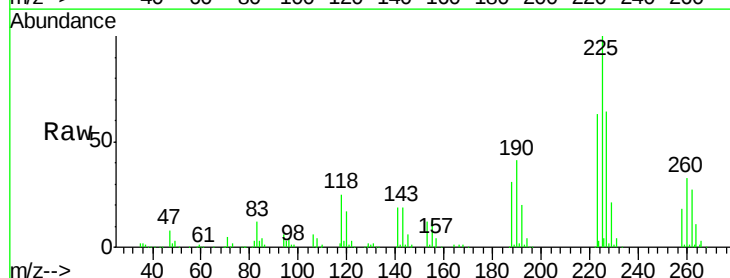
Tgt Ion:225 Resp: 215812

Ion Ratio Lower Upper

225 100

223 62.5 49.4 74.0

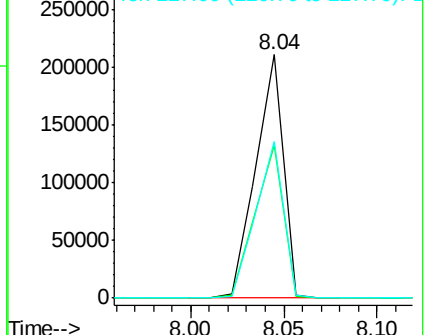
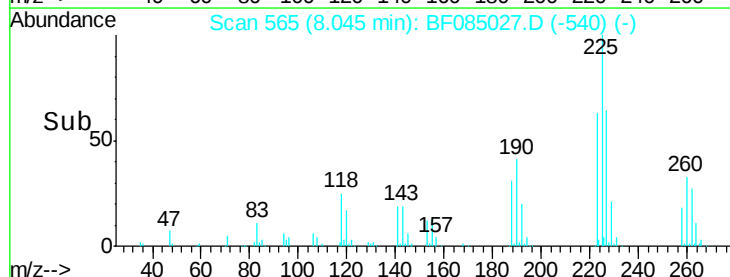
227 64.4 50.8 76.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

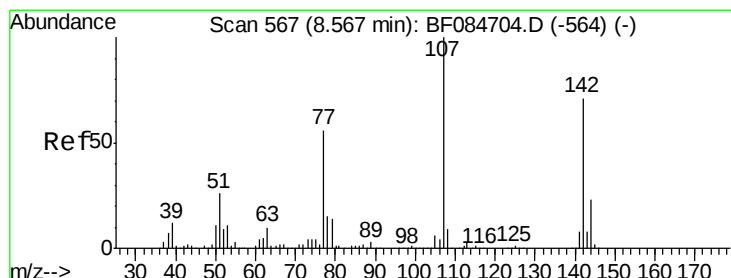
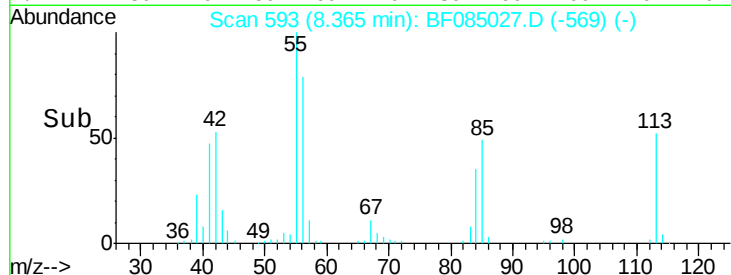
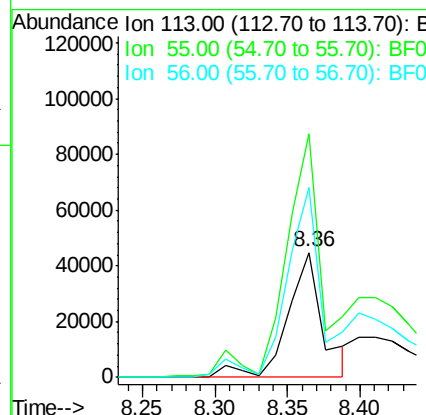
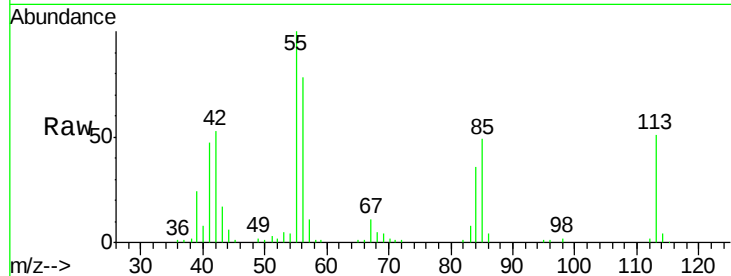




#35
 Caprolactam
 Concen: 29.51 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

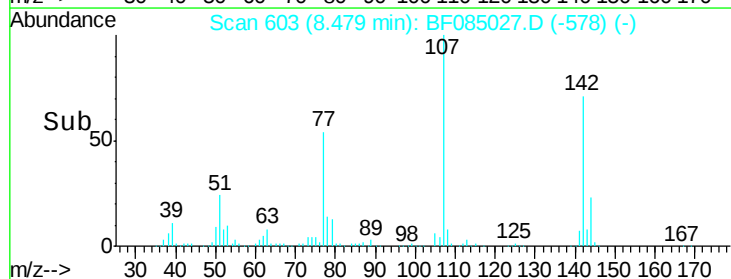
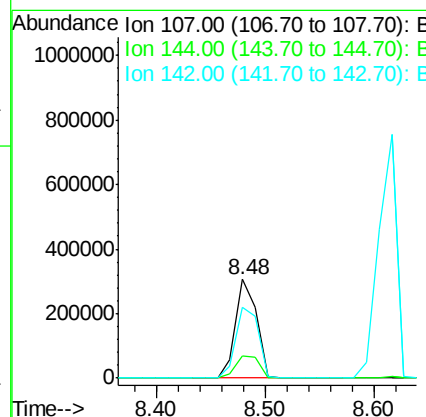
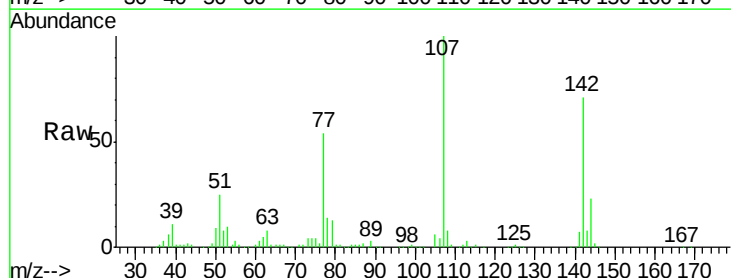
Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

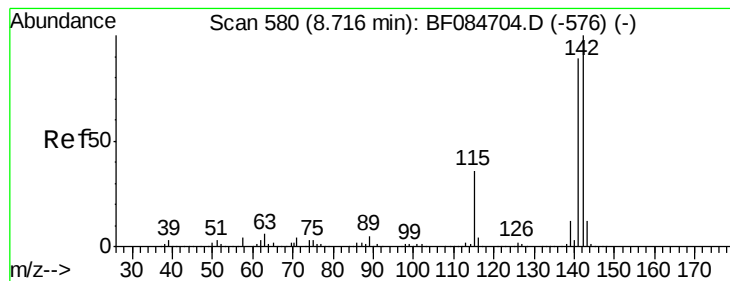
Tgt Ion:113 Resp: 74730
 Ion Ratio Lower Upper
 113 100
 55 195.0 116.9 156.9#
 56 152.4 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 43.52 ng
 RT: 8.48 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Tgt Ion:107 Resp: 407941
 Ion Ratio Lower Upper
 107 100
 144 23.0 19.7 29.5
 142 71.2 61.8 92.6





#37

2-Methylnaphthalene

Concen: 47.20 ng

RT: 8.62 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

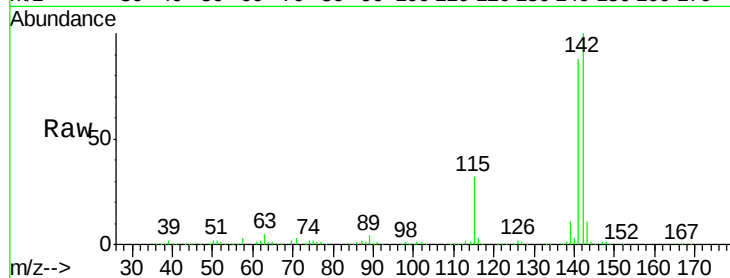
Tgt Ion:142 Resp: 872662

Ion Ratio Lower Upper

142 100

141 87.5 72.4 108.6

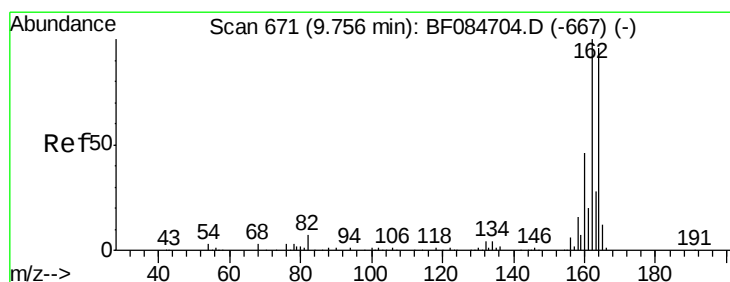
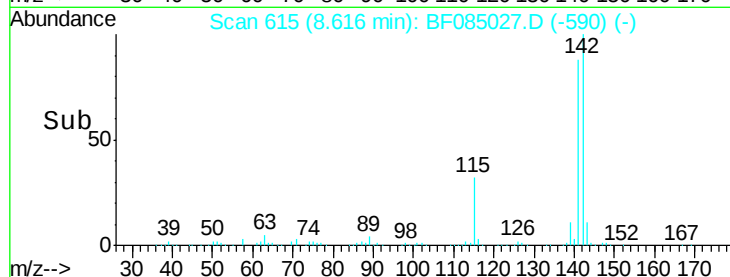
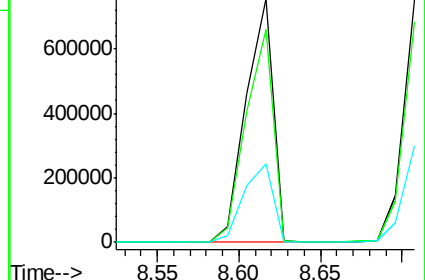
115 32.4 27.9 41.9



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: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

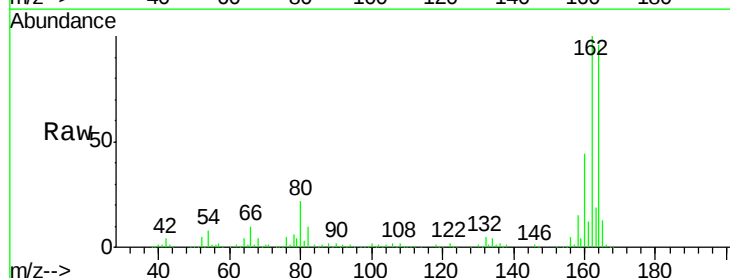
Tgt Ion:164 Resp: 272632

Ion Ratio Lower Upper

164 100

162 104.6 85.1 127.7

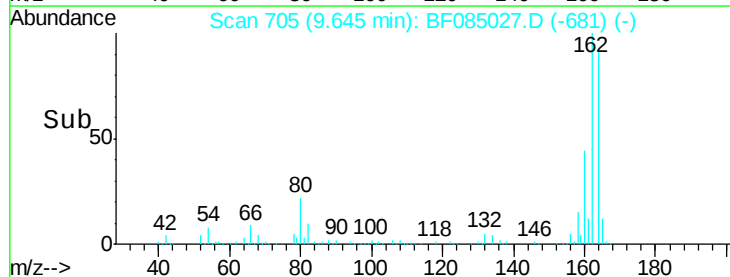
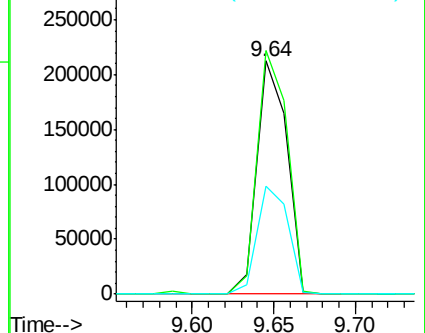
160 46.4 37.5 56.3

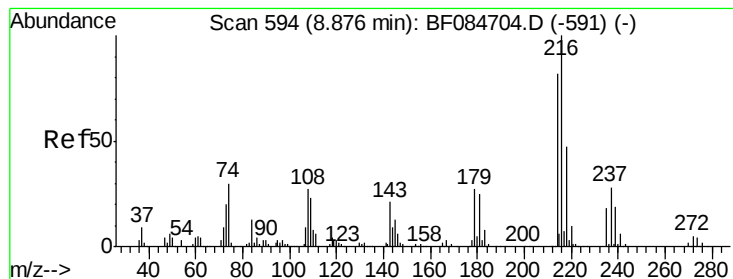


Abundance Ion 164.00 (163.70 to 164.70): E

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: 38.17 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

Tgt Ion:216 Resp: 330527

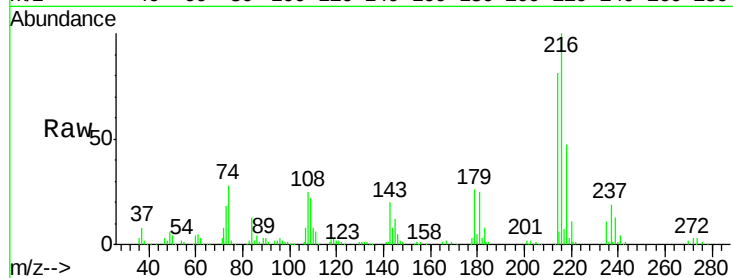
Ion Ratio Lower Upper

216 100

214 78.9 64.2 96.2

179 22.5 18.7 28.1

108 22.3 16.8 25.2

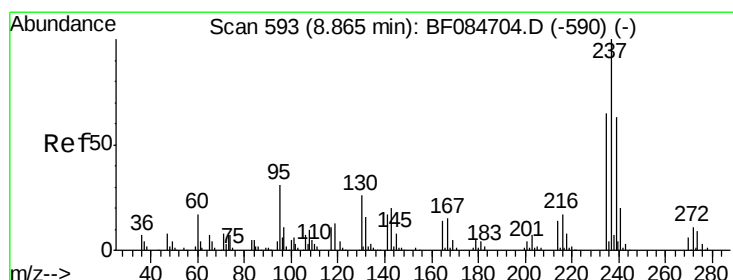
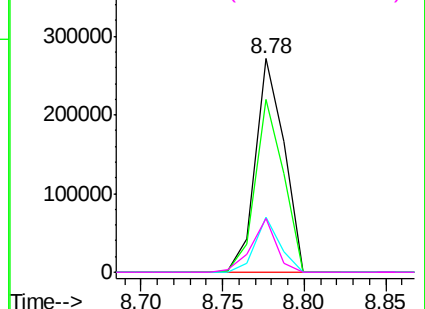
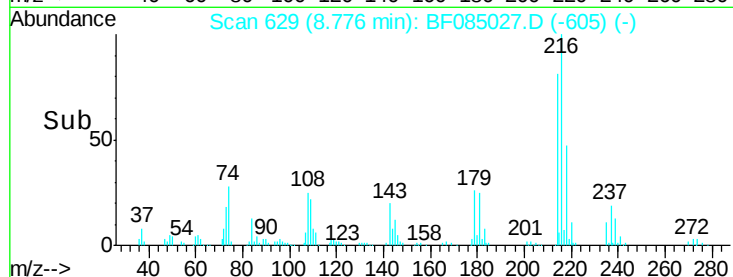


Abundance Ion 216.00 (215.70 to 216.70): E

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: 70.81 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

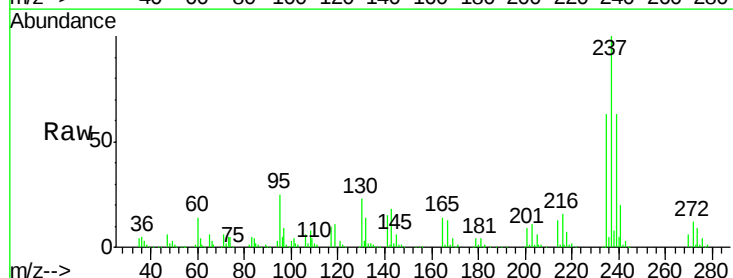
Tgt Ion:237 Resp: 257872

Ion Ratio Lower Upper

237 100

235 63.2 43.1 83.1

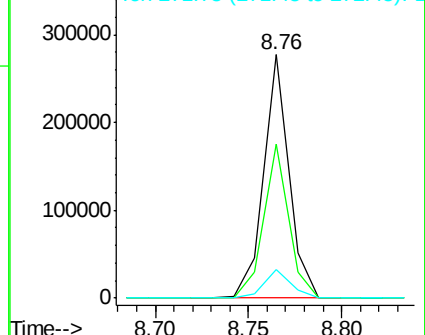
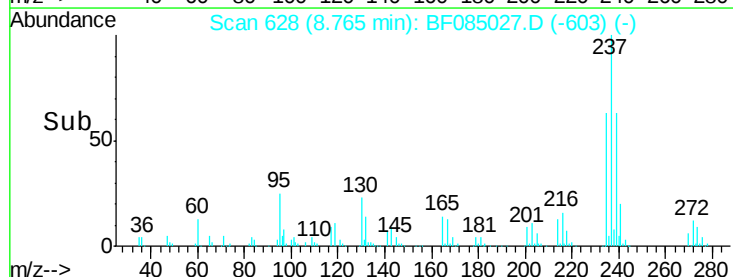
272 11.9 0.0 35.1

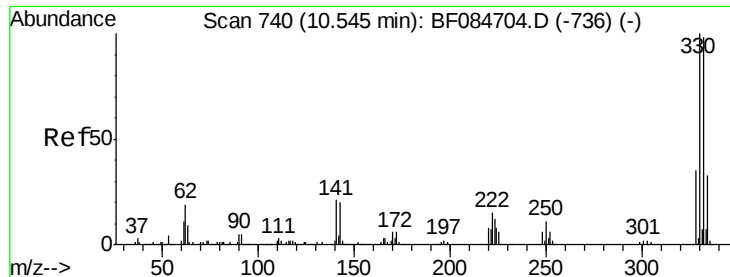


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

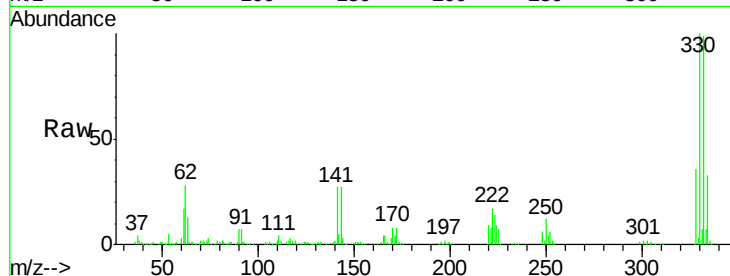




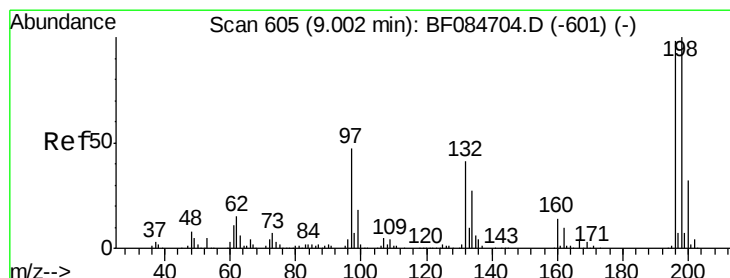
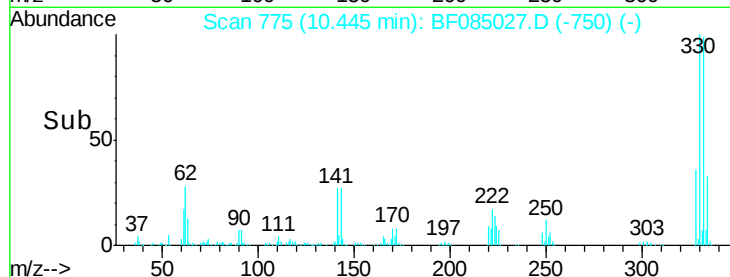
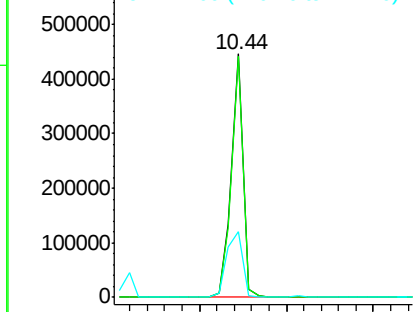
#41
 2,4,6-Tribromophenol
 Concen: 148.72 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tgt Ion:330 Resp: 422923
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 114.8
 141 36.5 27.8 41.6

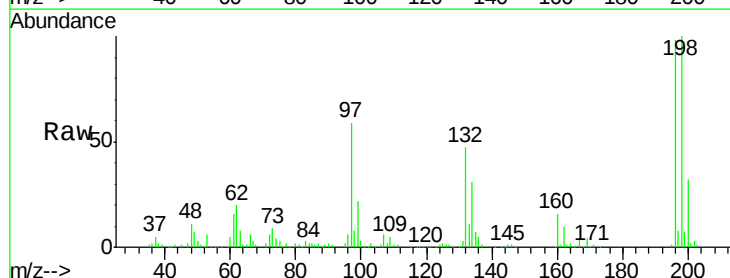


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

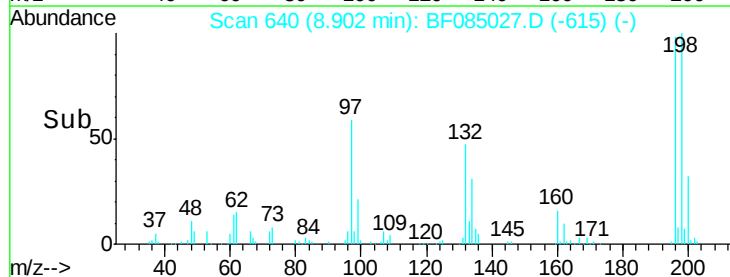
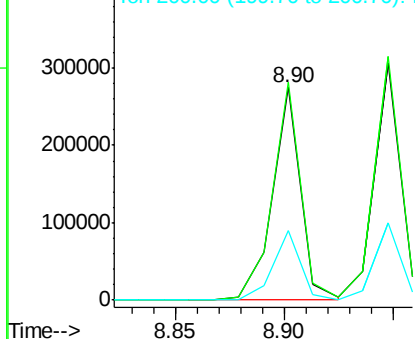


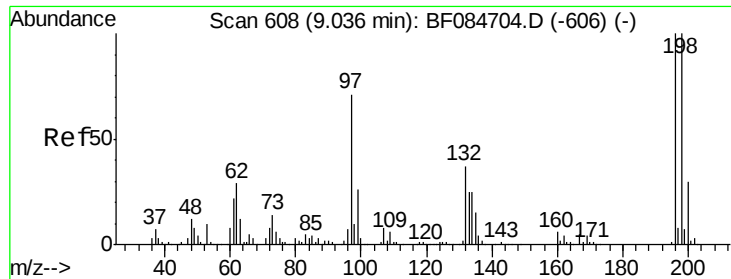
#42
 2,4,6-Trichlorophenol
 Concen: 45.09 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Tgt Ion:196 Resp: 251535
 Ion Ratio Lower Upper
 196 100
 198 102.2 77.7 116.5
 200 32.7 24.6 37.0



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

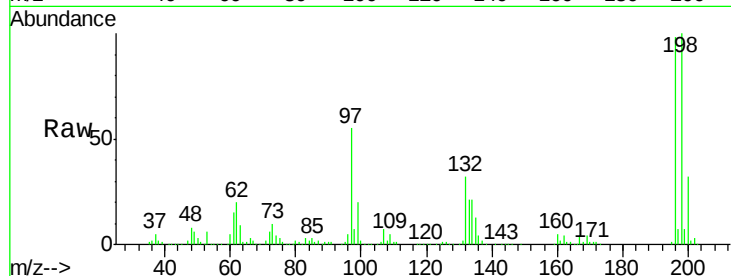




#43
 2,4,5-Trichlorophenol
 Concen: 45.91 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.5	79.0	118.6
97	56.4	33.0	49.6
132	32.4	21.1	31.7



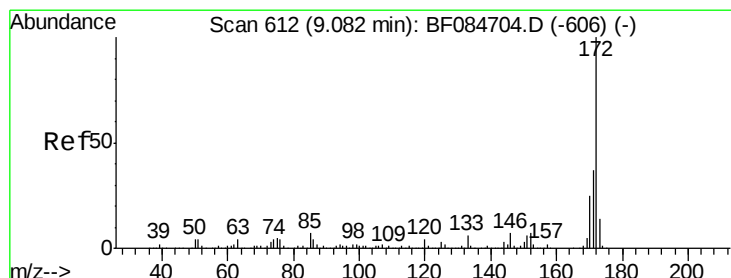
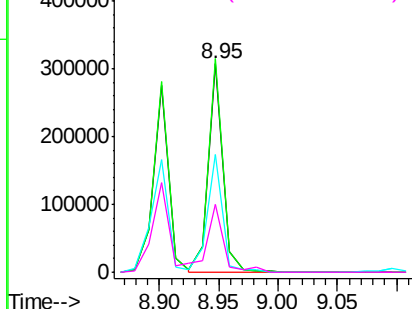
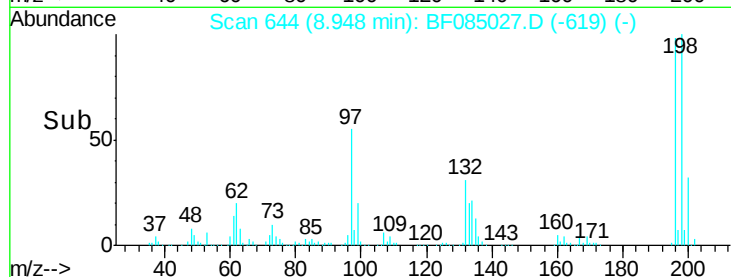
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

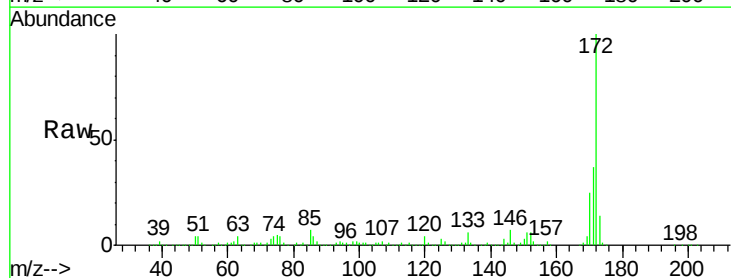
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 101.83 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.9	43.3
170	24.9	18.6	27.8

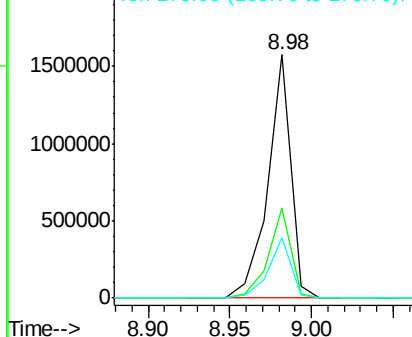
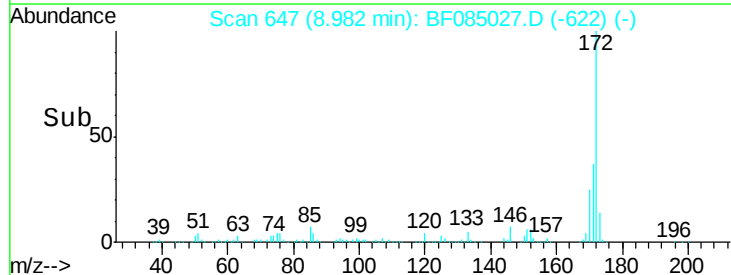


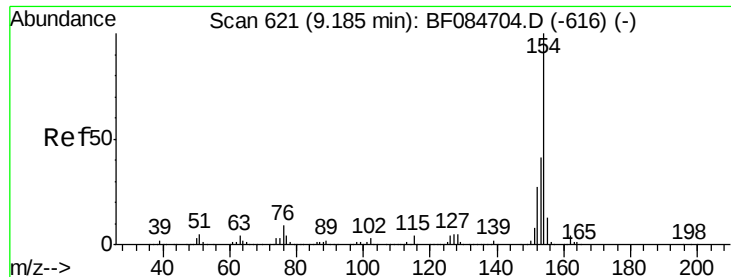
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

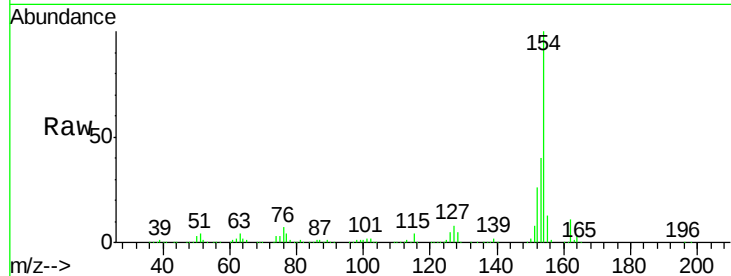




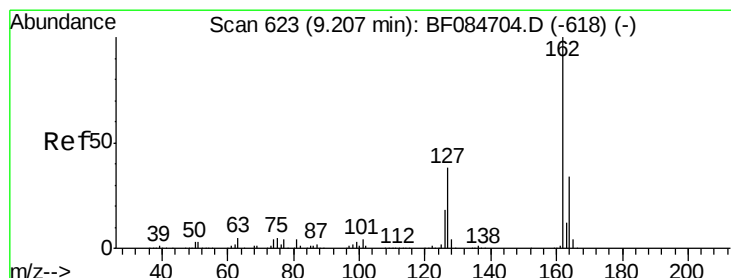
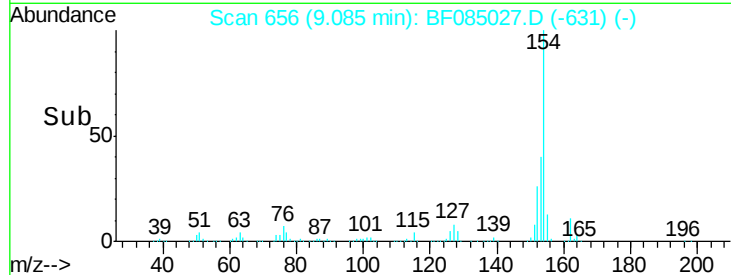
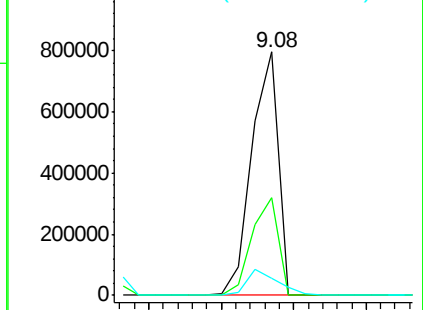
#45
 1,1'-Biphenyl
 Concen: 41.29 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tgt Ion:154 Resp: 1005458
 Ion Ratio Lower Upper
 154 100
 153 40.2 21.6 61.6
 76 7.0 0.0 32.7

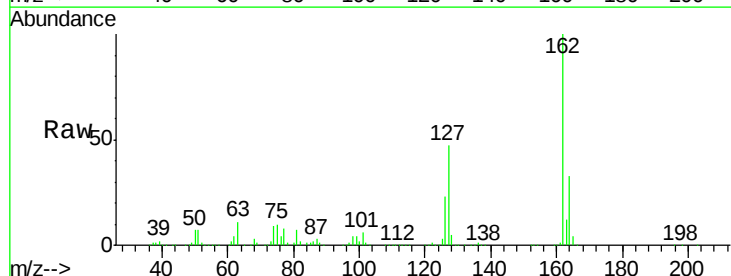


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

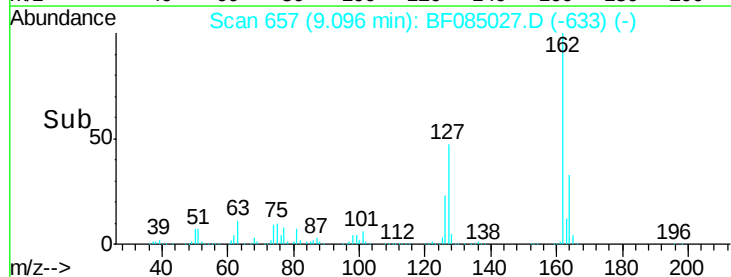
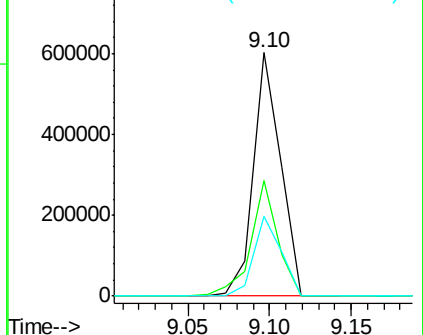


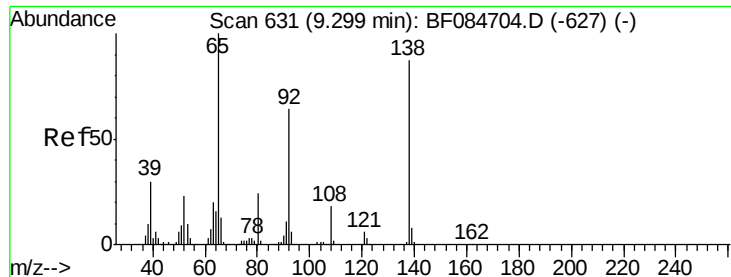
#46
 2-Chloronaphthalene
 Concen: 38.83 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Tgt Ion:162 Resp: 696296
 Ion Ratio Lower Upper
 162 100
 127 47.4 40.2 60.4
 164 32.7 25.7 38.5



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

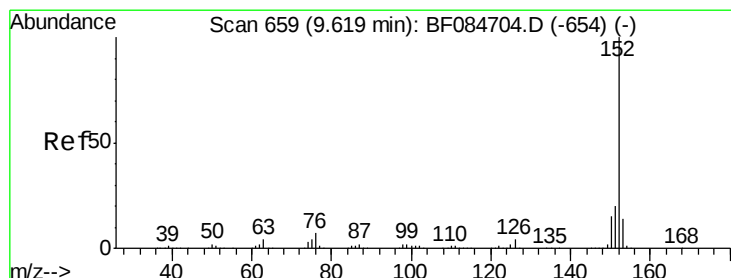
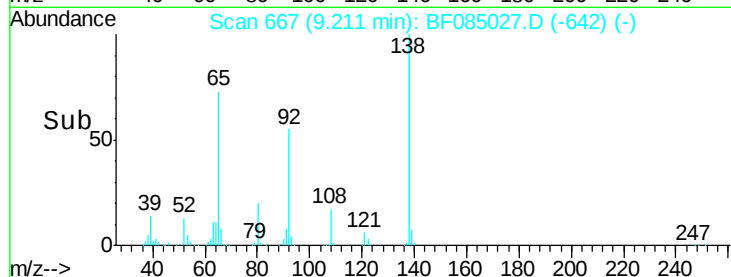
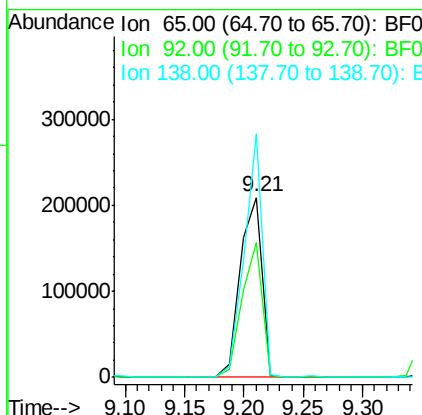
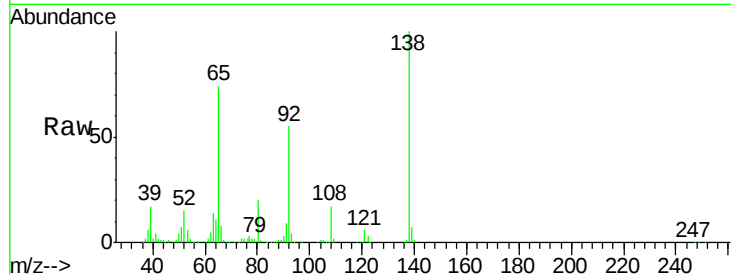




#47
2-Nitroaniline
Concen: 47.20 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

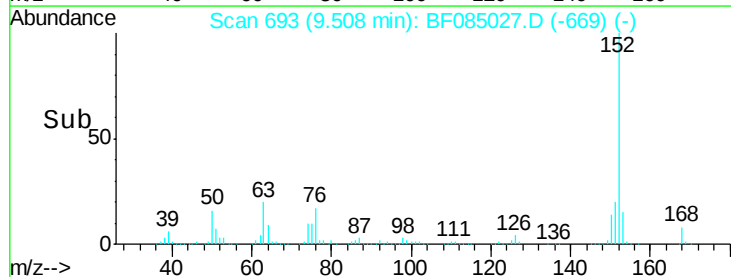
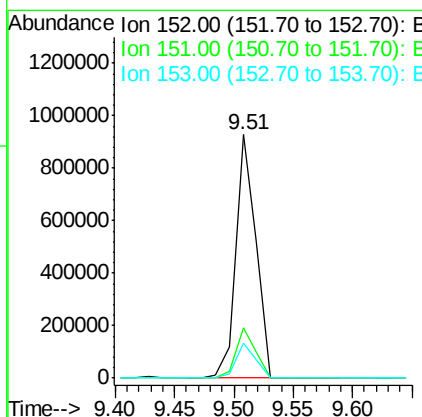
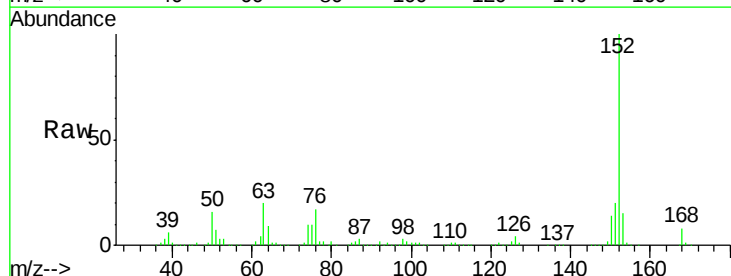
Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

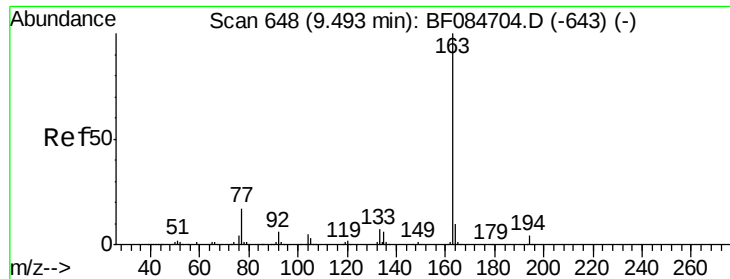
Tgt Ion: 65 Resp: 268005
Ion Ratio Lower Upper
65 100
92 75.2 53.4 80.2
138 135.4 71.1 106.7#



#48
Acenaphthylene
Concen: 39.74 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.02 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Tgt Ion: 152 Resp: 1081486
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 14.6 10.4 15.6





#49

Dimethylphthalate

Concen: 51.95 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

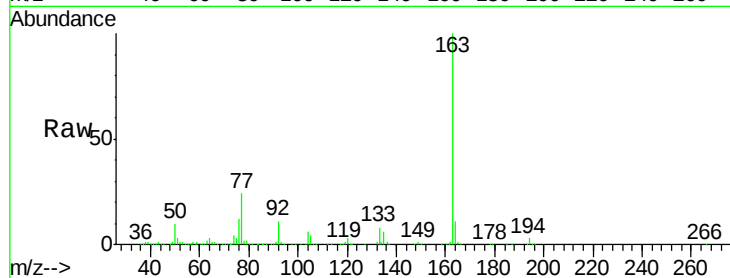
Tgt Ion:163 Resp: 1078748

Ion Ratio Lower Upper

163 100

194 3.2 8.0 12.0#

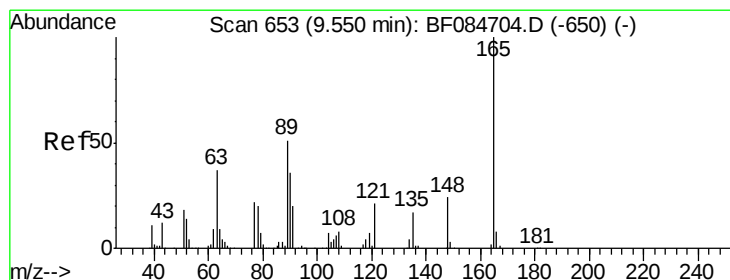
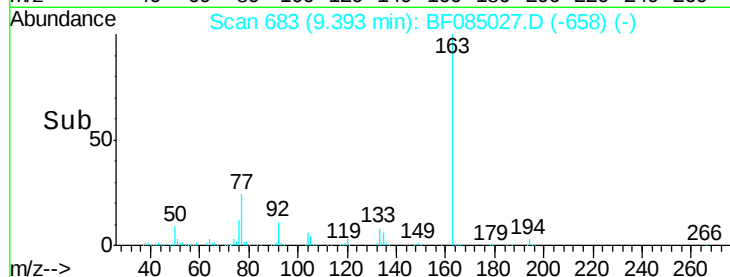
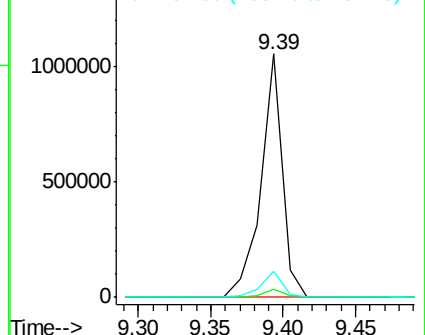
164 10.7 8.0 12.0



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: 39.26 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

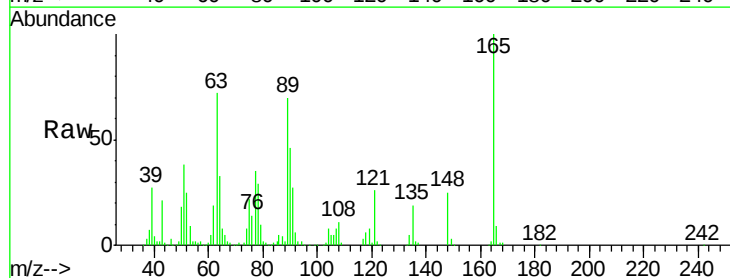
Tgt Ion:165 Resp: 178105

Ion Ratio Lower Upper

165 100

63 72.1 28.8 43.2#

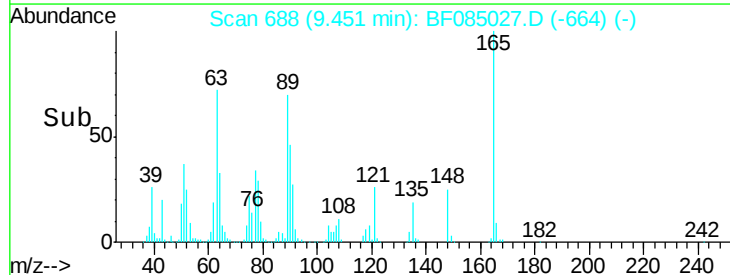
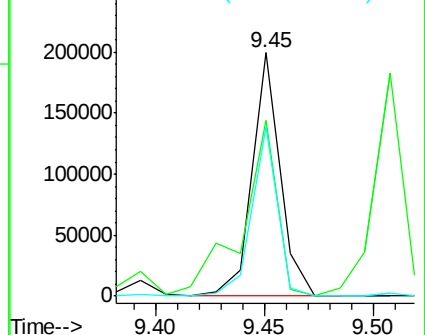
89 69.7 35.1 52.7#

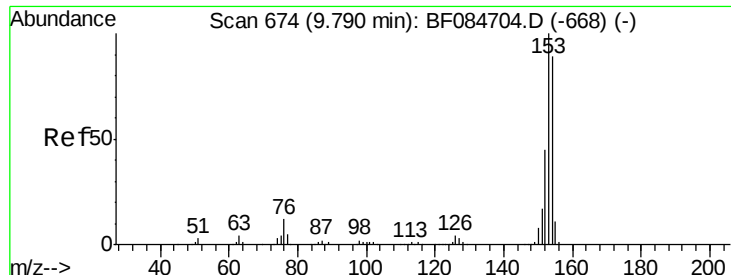


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.13 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

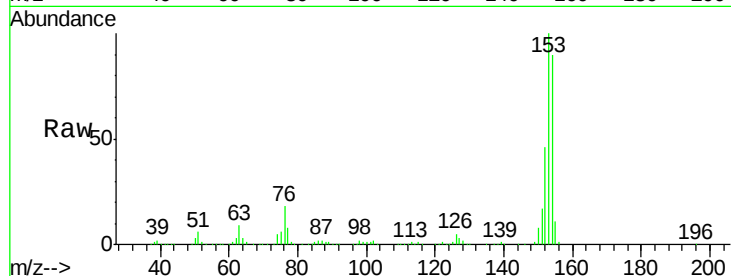
Tgt Ion:154 Resp: 692837

Ion Ratio Lower Upper

154 100

153 111.2 91.5 137.3

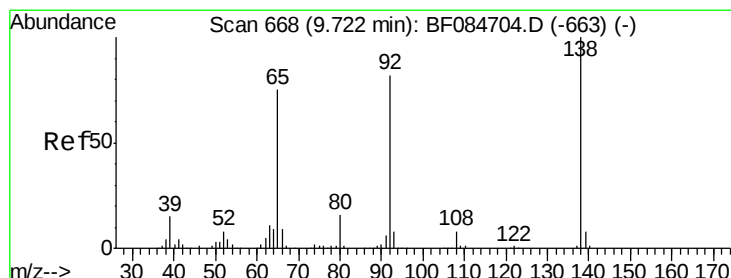
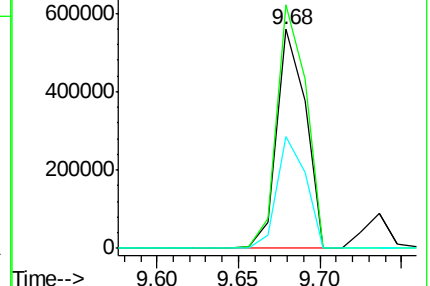
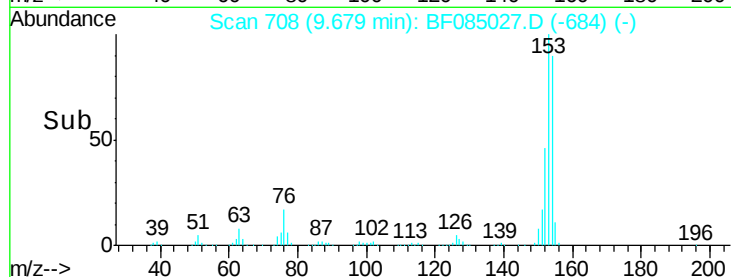
152 50.9 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.66 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

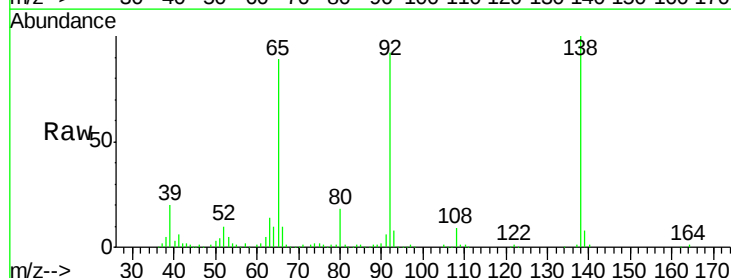
Tgt Ion:138 Resp: 146110

Ion Ratio Lower Upper

138 100

108 8.8 10.5 15.7#

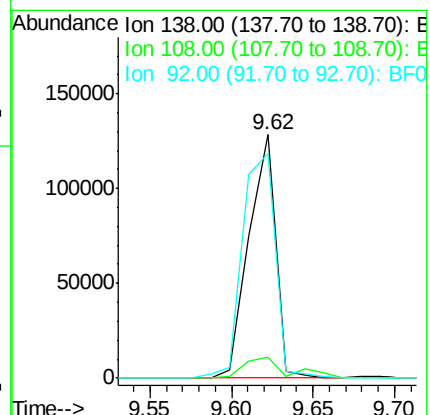
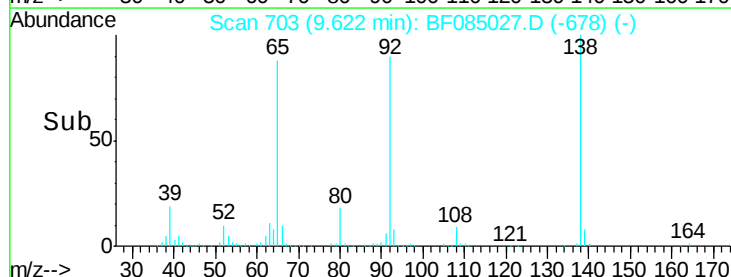
92 92.2 103.9 155.9#

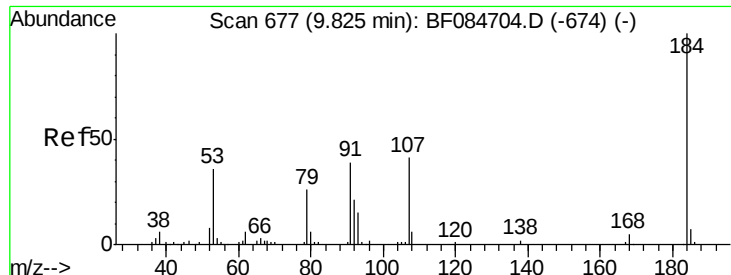


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

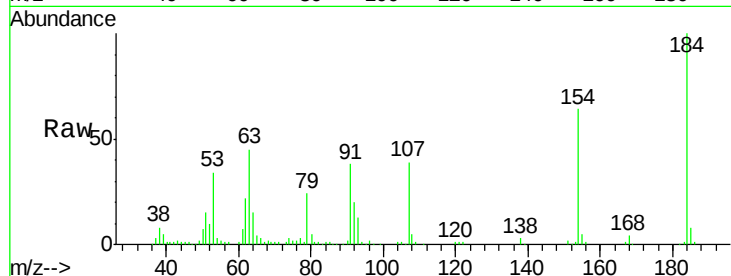




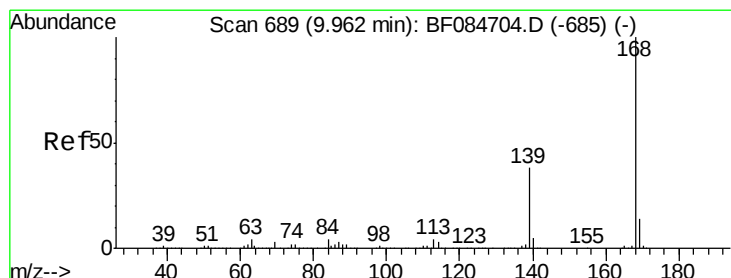
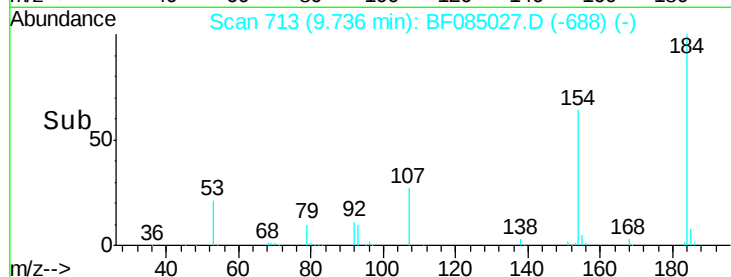
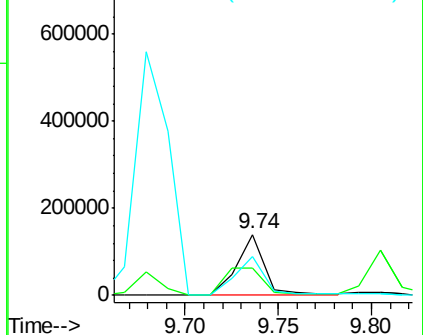
#53
2,4-Dinitrophenol
Concen: 71.77 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tgt Ion:184 Resp: 148906
Ion Ratio Lower Upper
184 100
63 44.5 43.1 64.7
154 64.1 60.5 90.7

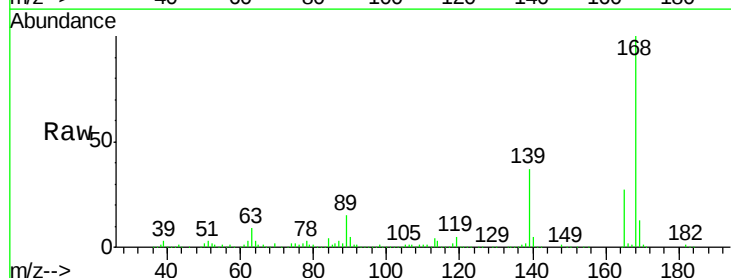


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

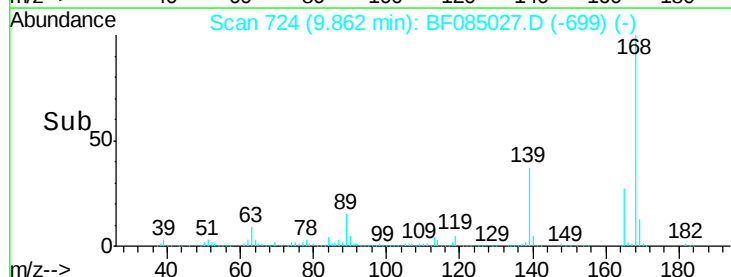
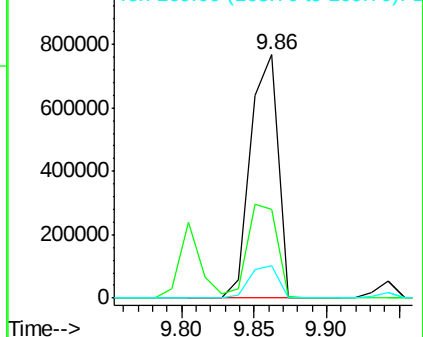


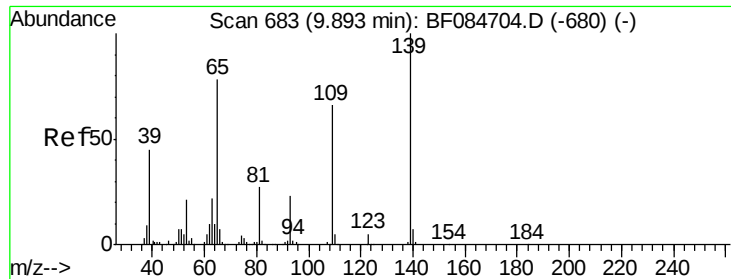
#54
Dibenzofuran
Concen: 46.62 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Tgt Ion:168 Resp: 1008741
Ion Ratio Lower Upper
168 100
139 36.6 30.5 45.7
169 13.2 10.4 15.6



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





#55

4-Nitrophenol

Concen: 63.59 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

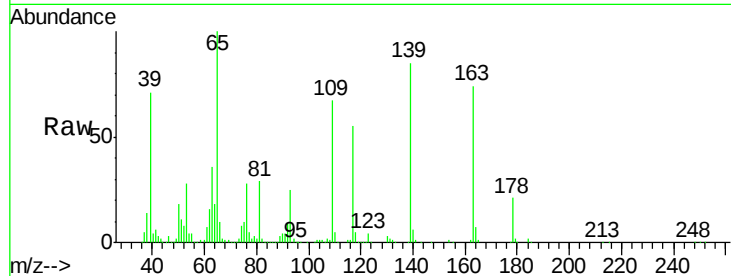
Tgt Ion:139 Resp: 238221

Ion Ratio Lower Upper

139 100

109 78.9 58.5 98.5

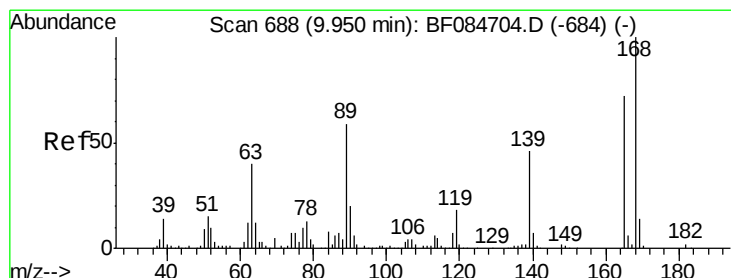
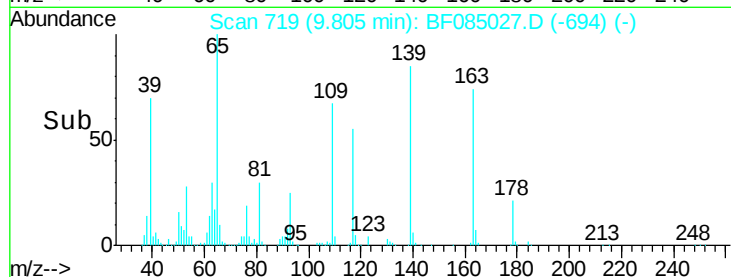
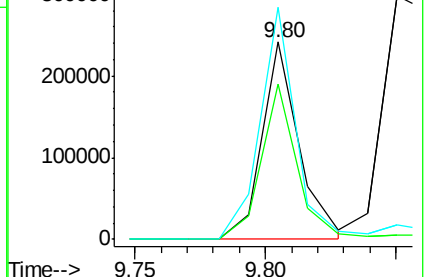
65 117.8 57.6 97.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.11 ng

RT: 9.86 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Tgt Ion:165 Resp: 255185

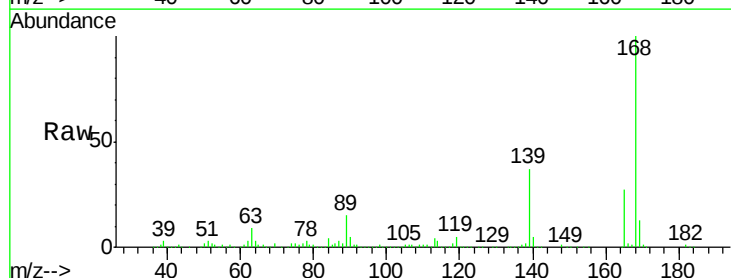
Ion Ratio Lower Upper

165 100

63 34.6 36.7 55.1#

89 55.7 61.9 92.9#

182 2.5 2.0 3.0

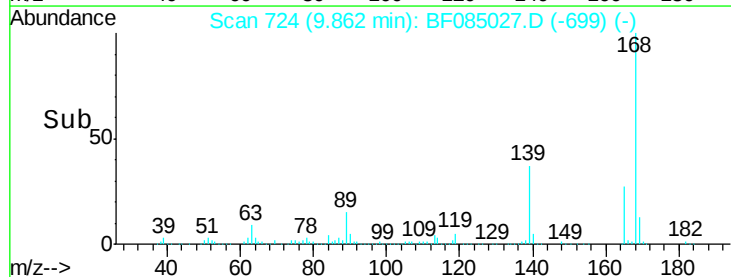
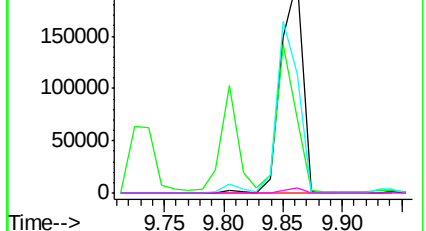


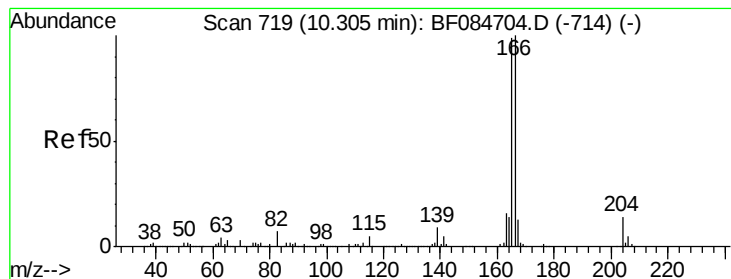
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.76 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

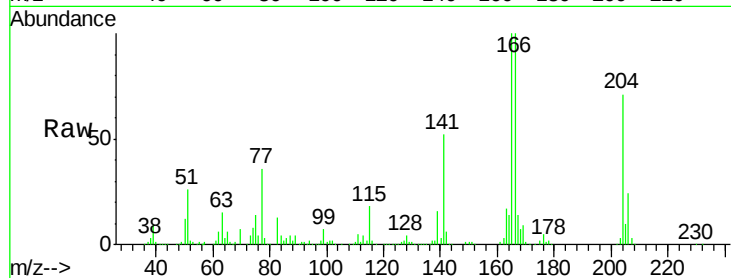
Tgt Ion:166 Resp: 718382

Ion Ratio Lower Upper

166 100

165 100.3 79.1 118.7

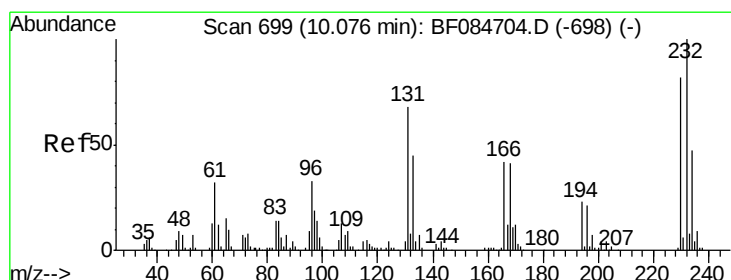
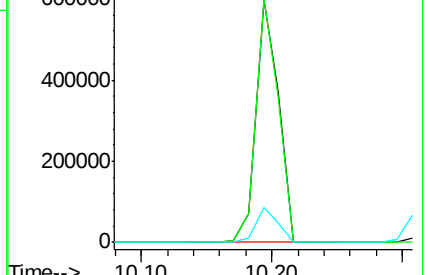
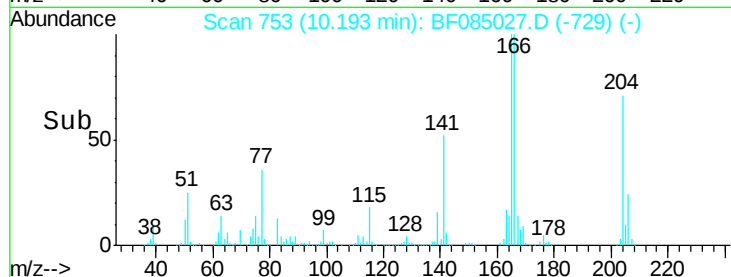
167 14.4 10.4 15.6



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: 48.40 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Tgt Ion:232 Resp: 208826

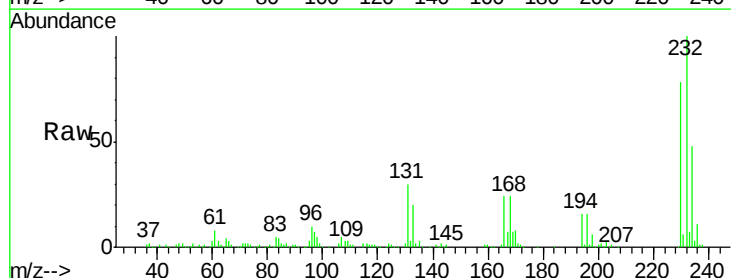
Ion Ratio Lower Upper

232 100

131 47.0 47.0 70.6#

130 2.2 2.0 3.0

166 30.4 30.5 45.7#

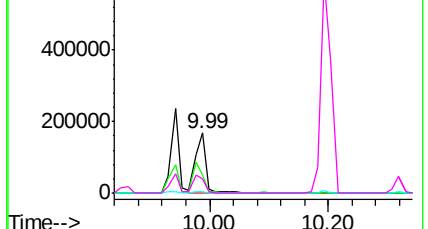
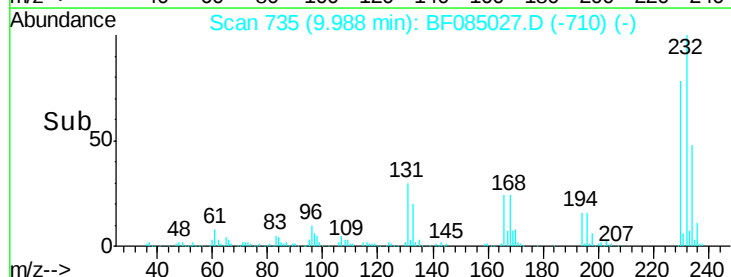


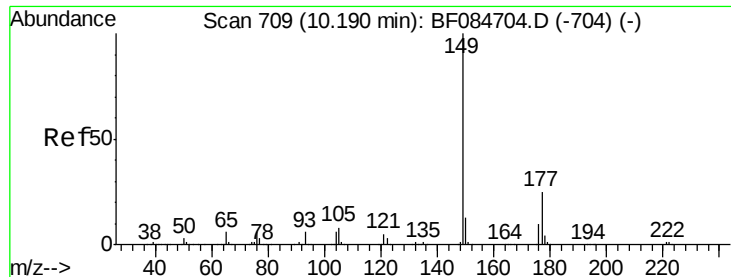
Abundance Ion 232.00 (231.70 to 232.70): E

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

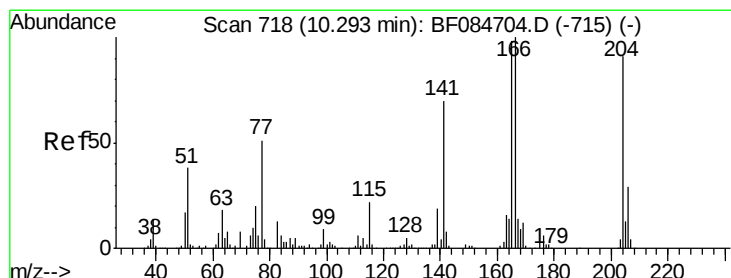
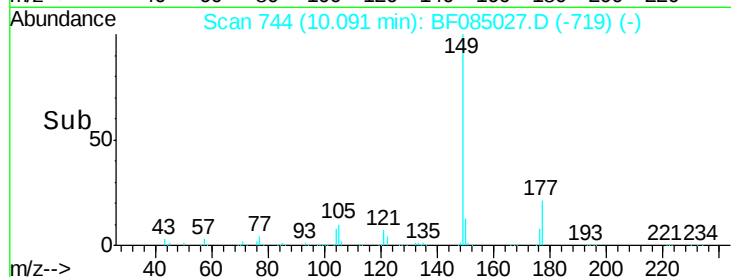
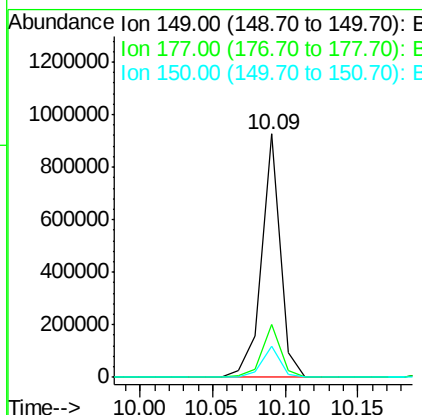
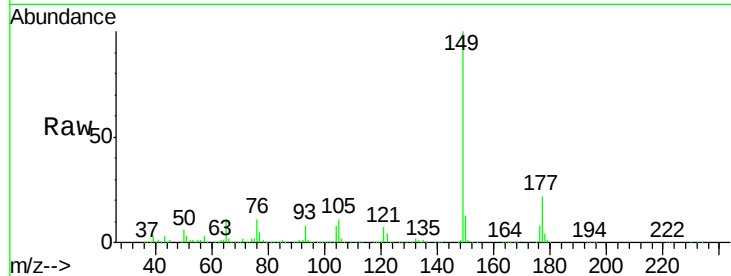




#59
Diethylphthalate
Concen: 40.78 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

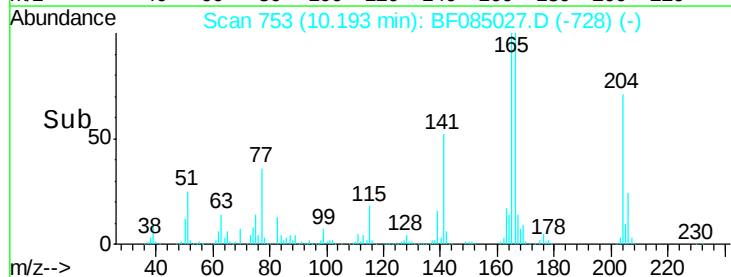
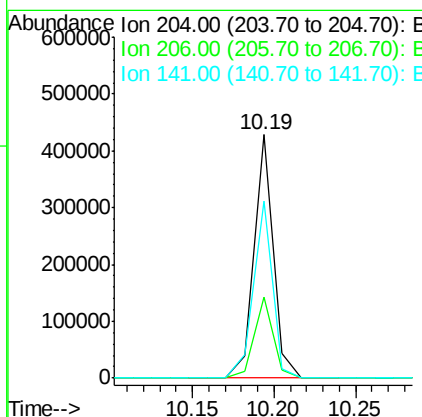
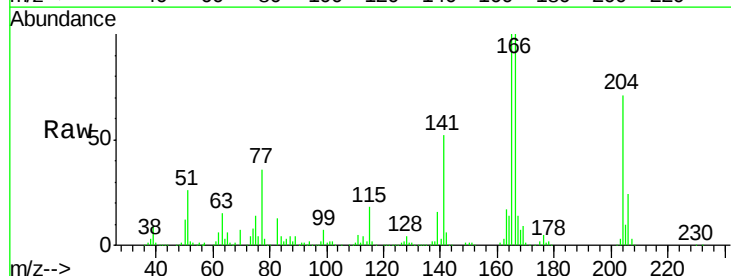
Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

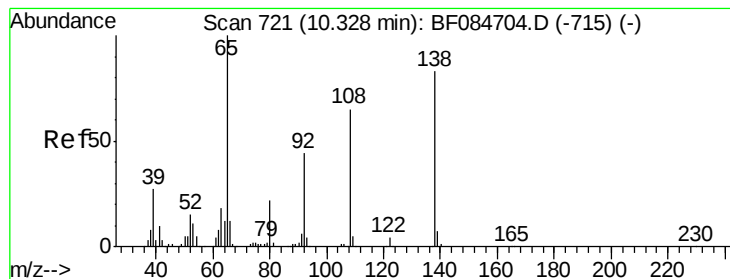
Tgt Ion:149 Resp: 826851
Ion Ratio Lower Upper
149 100
177 21.5 17.3 25.9
150 12.8 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 46.77 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Tgt Ion:204 Resp: 352874
Ion Ratio Lower Upper
204 100
206 33.2 25.7 38.5
141 72.8 55.1 82.7





#61

4-Nitroaniline

Concen: 45.06 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

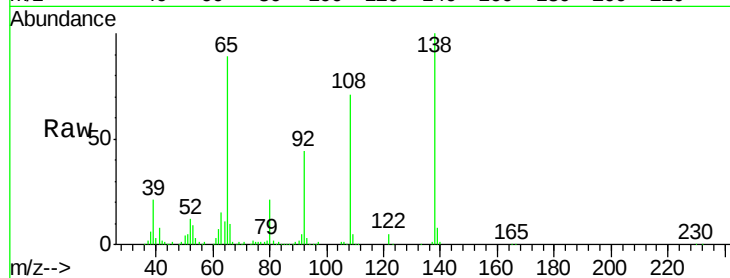
Tgt Ion:138 Resp: 223809

Ion Ratio Lower Upper

138 100

92 43.8 32.6 72.6

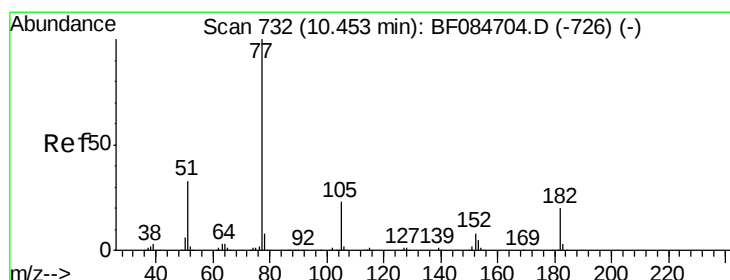
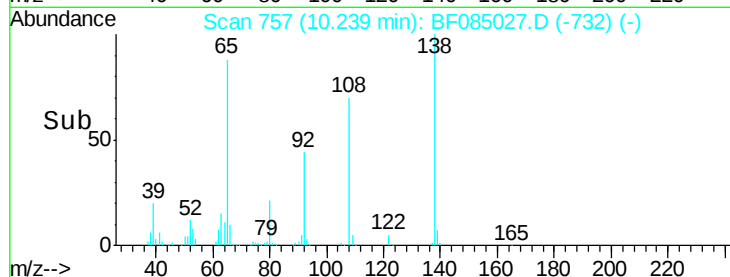
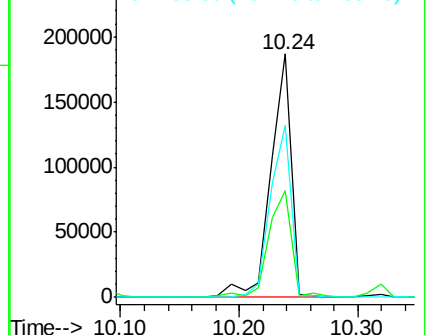
108 70.7 68.6 108.6



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: 46.95 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Tgt Ion: 77 Resp: 915316

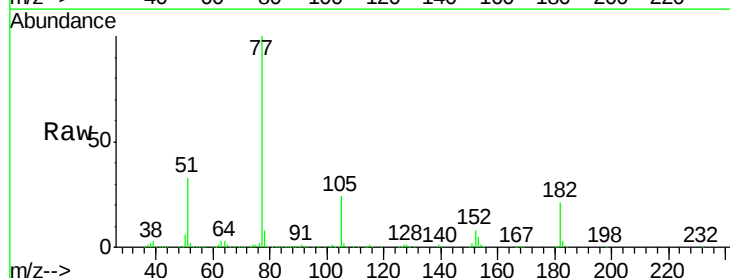
Ion Ratio Lower Upper

77 100

182 21.5 8.3 48.3

105 23.8 4.6 44.6

51 32.6 6.2 46.2

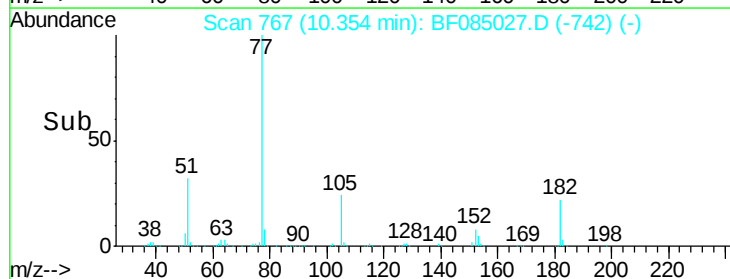
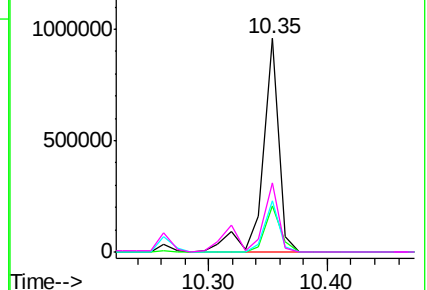


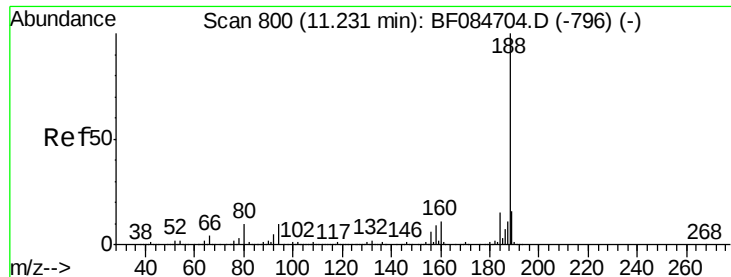
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

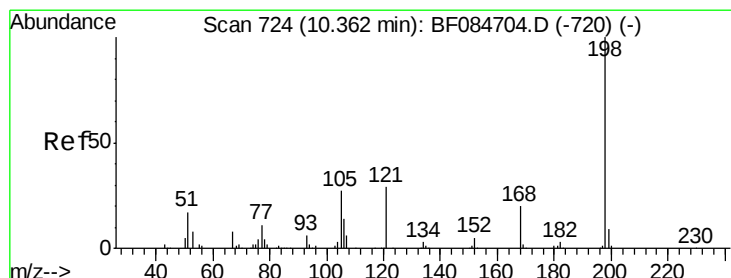
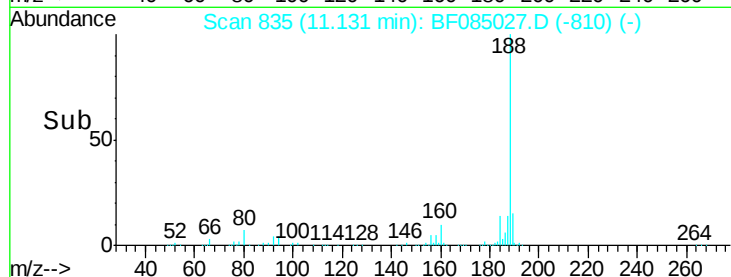
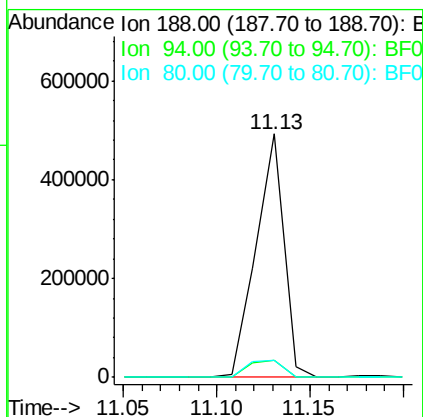
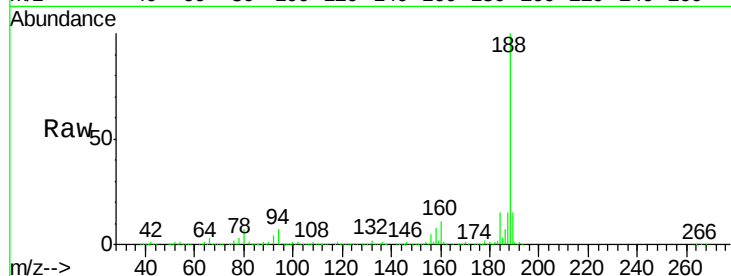




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

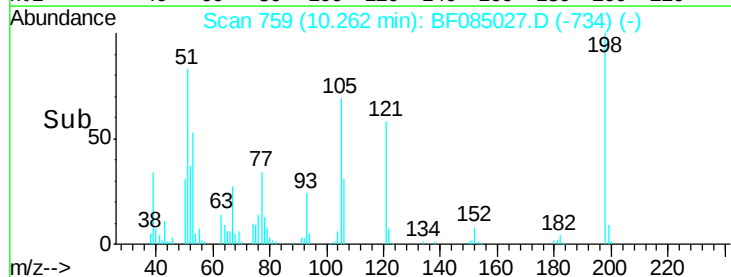
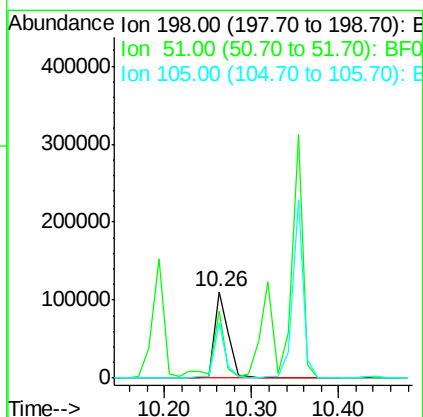
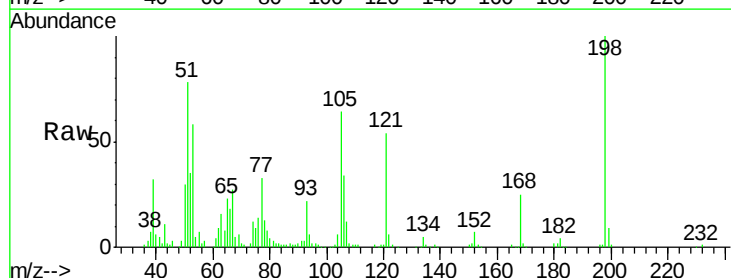
Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

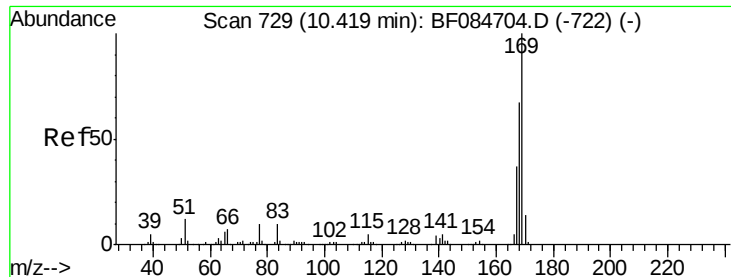
Tgt Ion:188 Resp: 509311
Ion Ratio Lower Upper
188 100
94 7.0 9.0 13.4#
80 7.1 9.6 14.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 39.95 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Tgt Ion:198 Resp: 125584
Ion Ratio Lower Upper
198 100
51 77.7 18.9 58.9#
105 64.0 26.4 66.4





#65

n-Nitrosodiphenylamine

Concen: 44.45 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

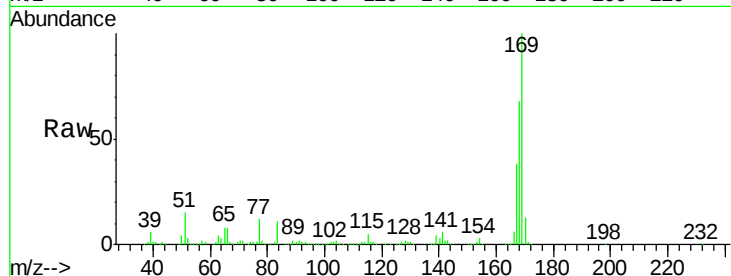
Tgt Ion:169 Resp: 718889

Ion Ratio Lower Upper

169 100

168 68.2 55.1 82.7

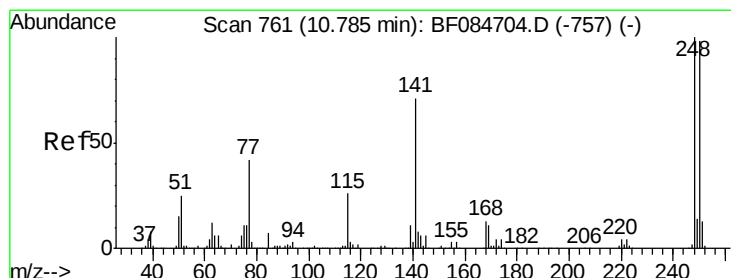
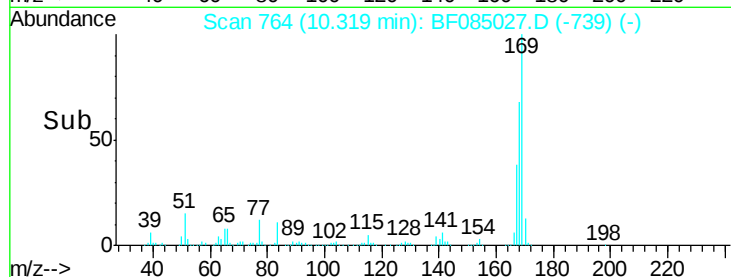
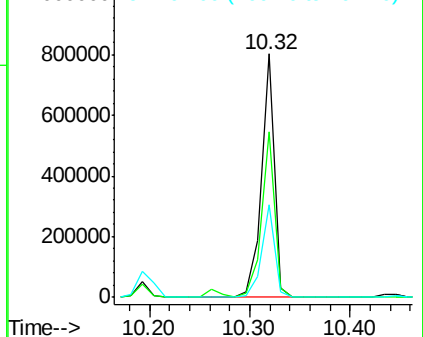
167 37.9 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.63 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

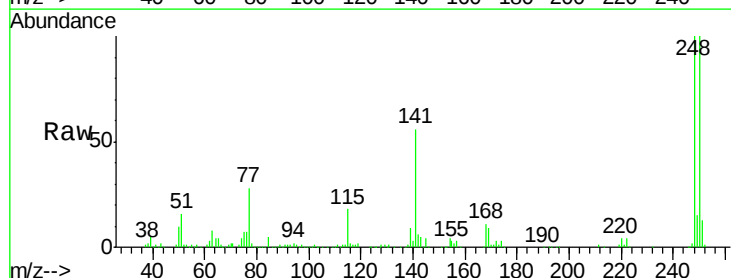
Tgt Ion:248 Resp: 245408

Ion Ratio Lower Upper

248 100

250 99.8 78.4 117.6

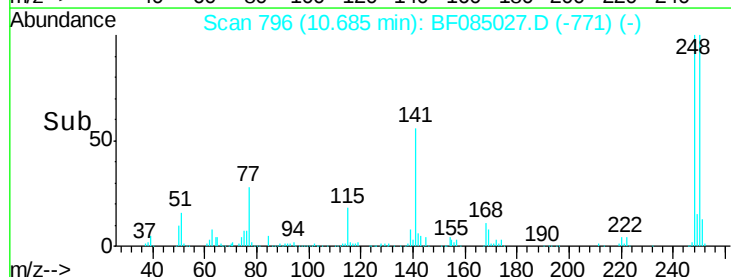
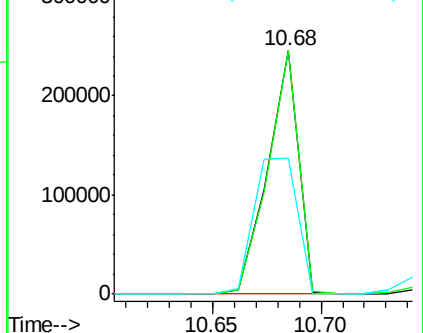
141 55.7 44.0 66.0

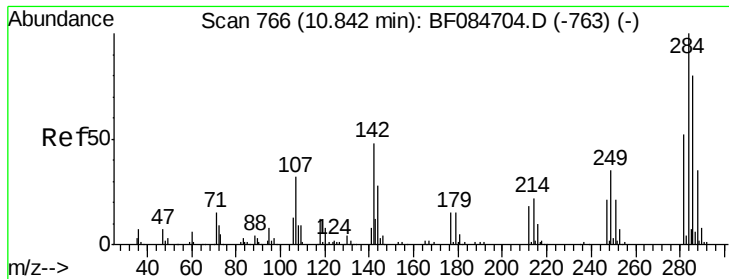


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.16 ng

RT: 10.74 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

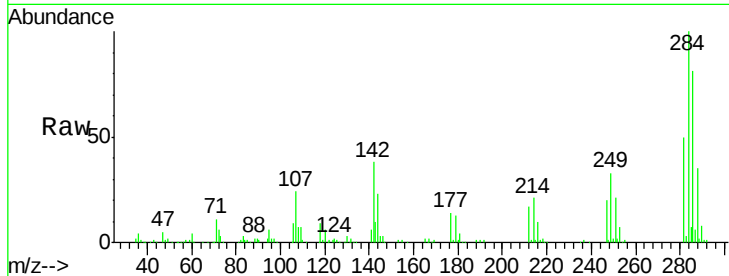
Tgt Ion:284 Resp: 246181

Ion Ratio Lower Upper

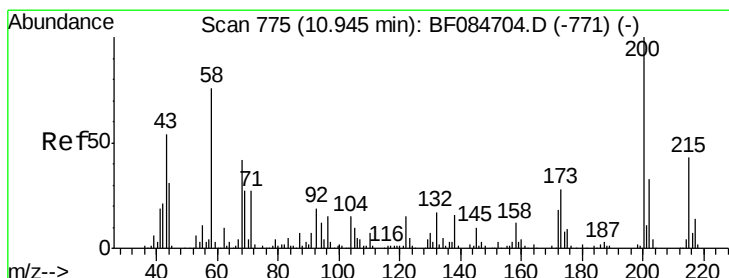
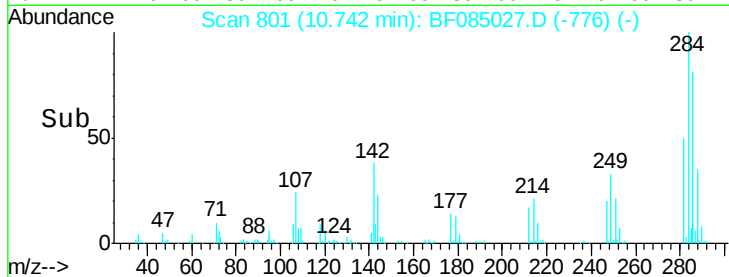
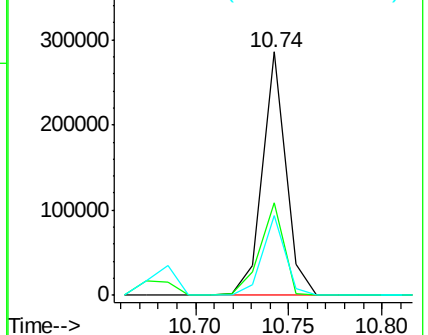
284 100

142 38.0 22.2 33.4#

249 32.6 24.6 37.0



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



#68

Atrazine

Concen: 50.40 ng

RT: 10.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

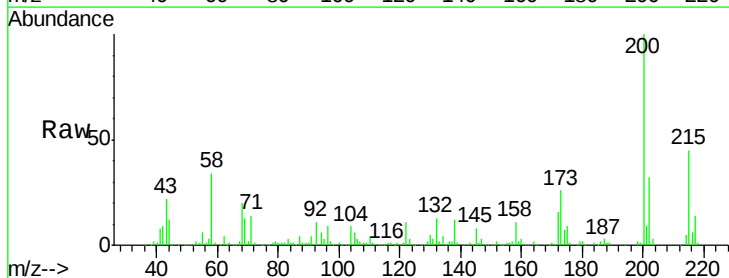
Tgt Ion:200 Resp: 257404

Ion Ratio Lower Upper

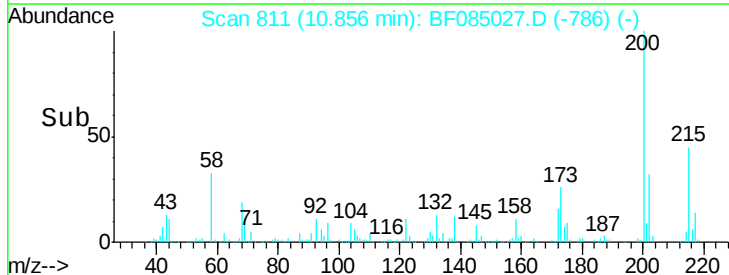
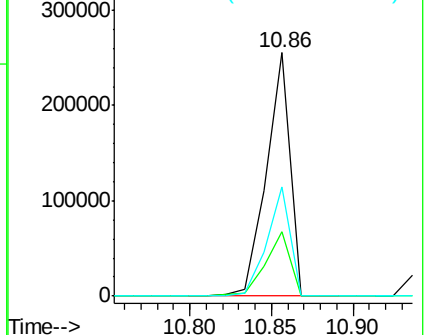
200 100

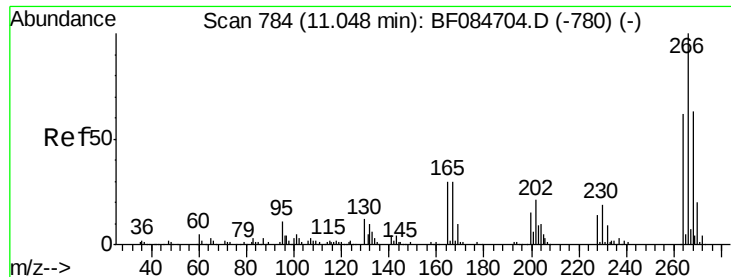
173 26.3 9.5 49.5

215 44.7 23.8 63.8



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

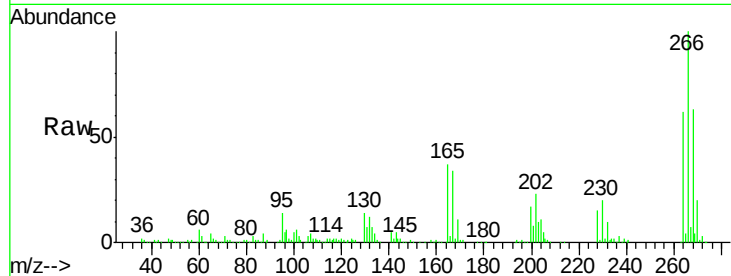




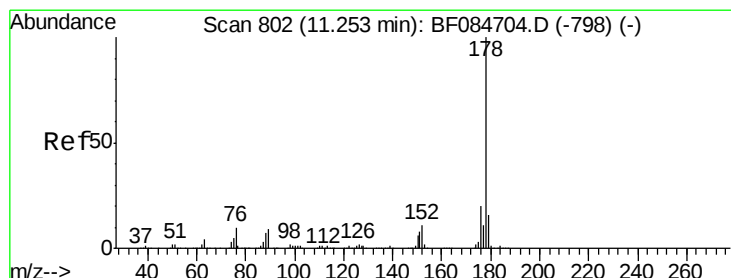
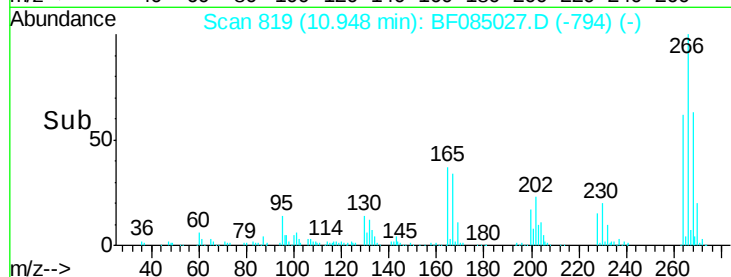
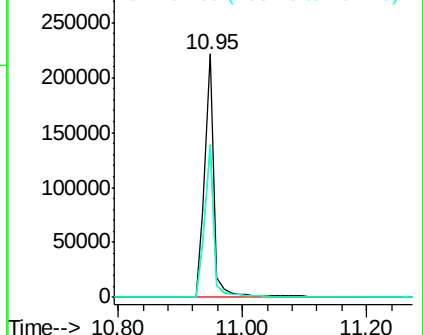
#69
 Pentachlorophenol
 Concen: 82.92 ng
 RT: 10.95 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tgt Ion:266 Resp: 238875
 Ion Ratio Lower Upper
 266 100
 268 62.8 52.4 78.6
 264 62.1 50.2 75.2

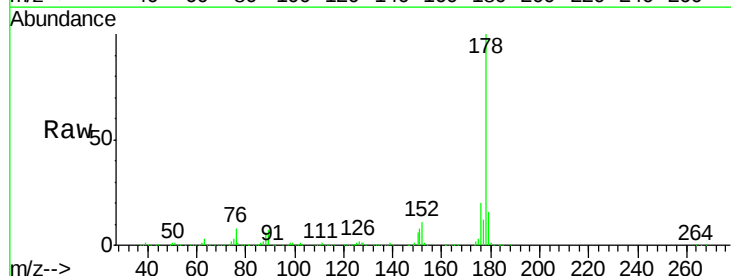


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

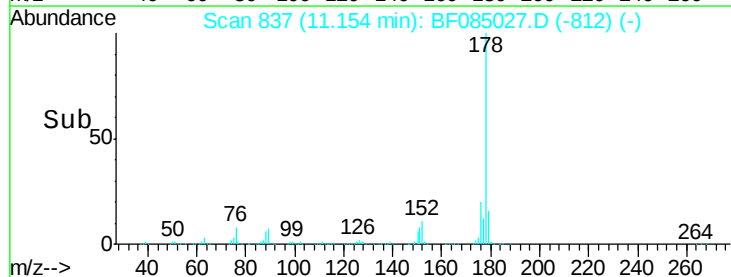
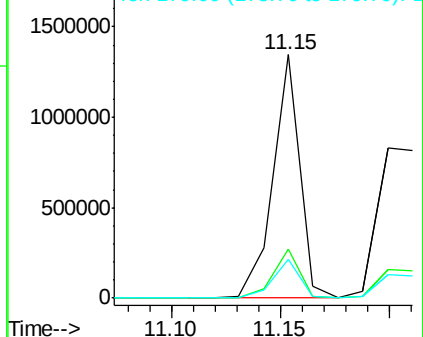


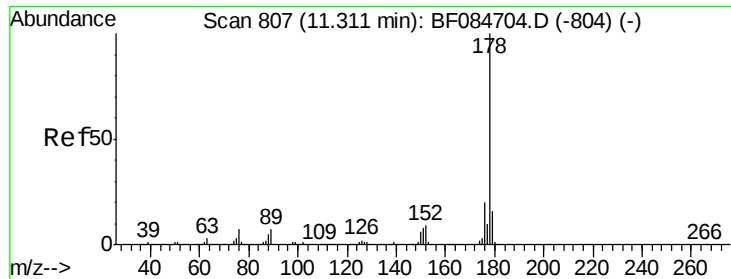
#70
 Phenanthrene
 Concen: 41.35 ng
 RT: 11.15 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Tgt Ion:178 Resp: 1168099
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.3 22.9
 179 16.0 12.0 18.0



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

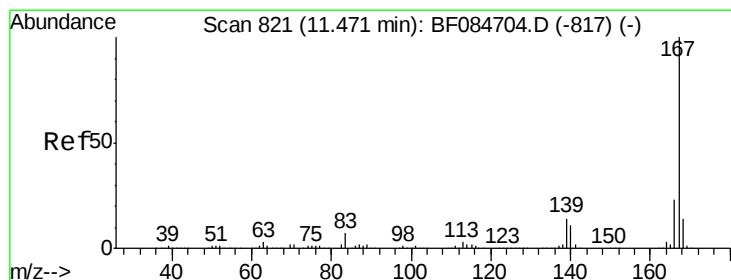
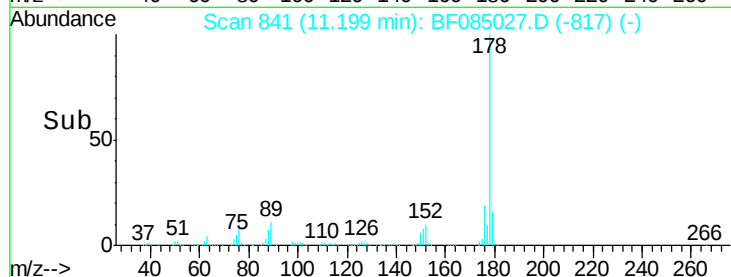
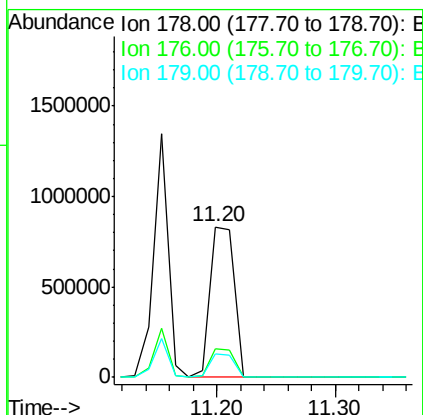
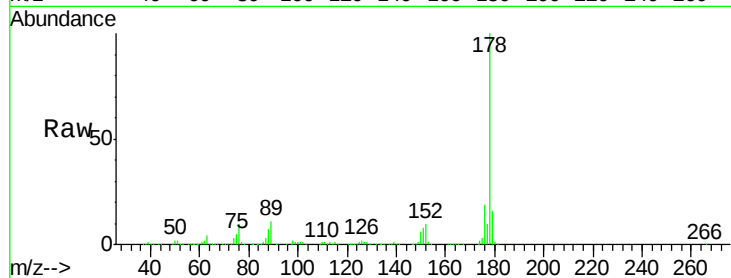




#71
 Anthracene
 Concen: 40.97 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

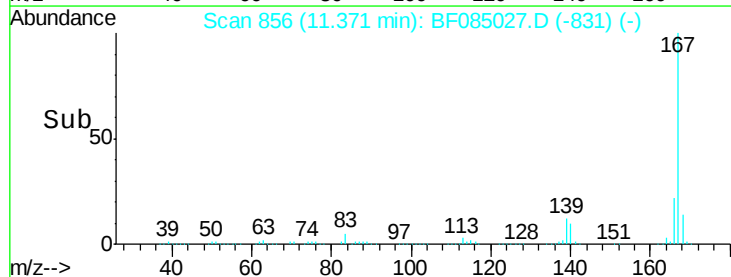
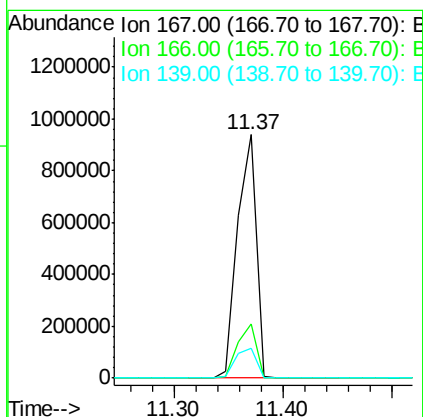
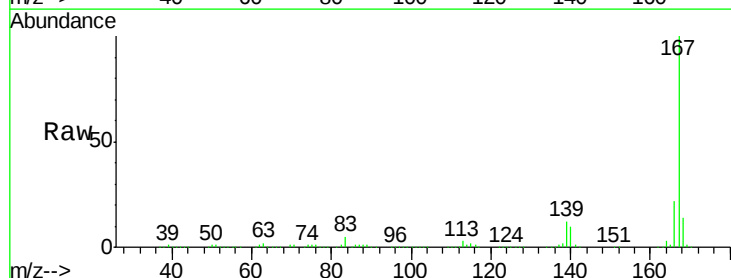
Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tgt Ion:178 Resp: 1166324
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.0
 179 15.9 12.5 18.7



#72
 Carbazole
 Concen: 44.51 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Tgt Ion:167 Resp: 1104839
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 12.5 11.8 17.8





#73

Di-n-butylphthalate

Concen: 39.79 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

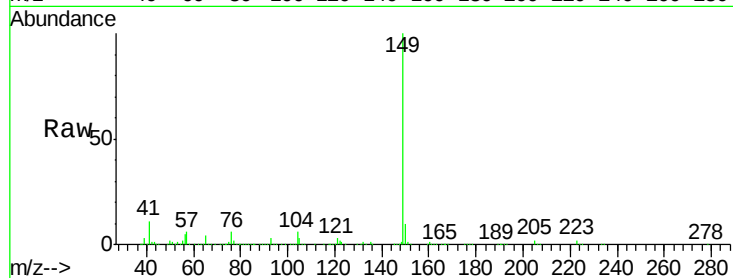
Tgt Ion:149 Resp: 1257208

Ion Ratio Lower Upper

149 100

150 9.7 7.1 10.7

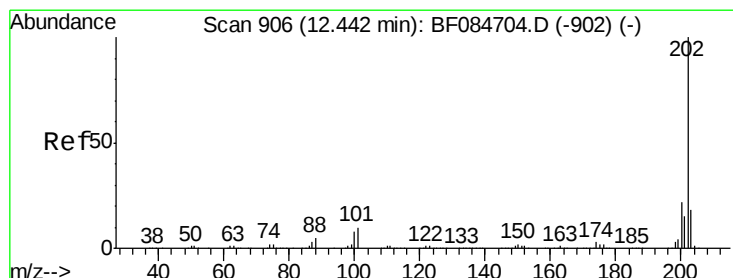
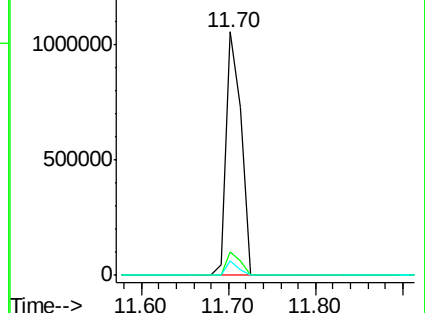
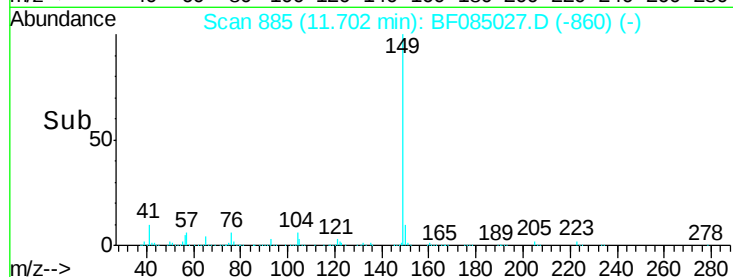
104 5.7 3.2 4.8#



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: 37.57 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

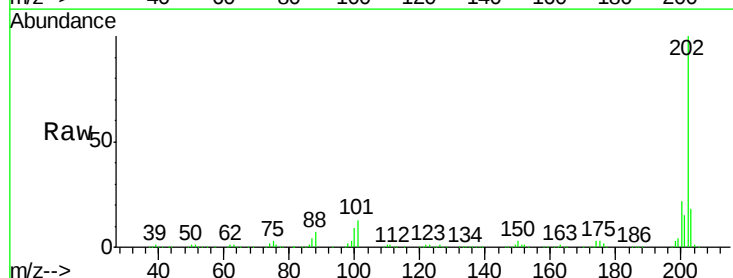
Tgt Ion:202 Resp: 1074239

Ion Ratio Lower Upper

202 100

101 13.0 0.0 32.8

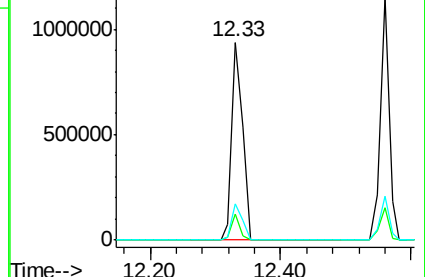
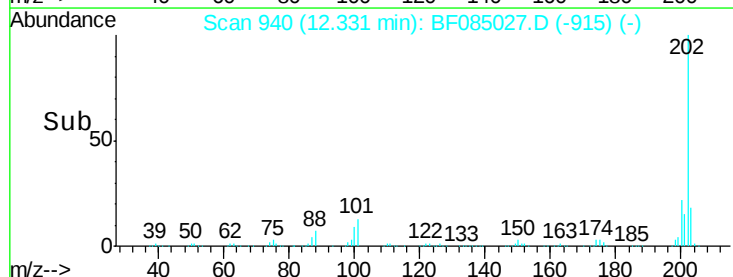
203 18.3 0.0 37.9

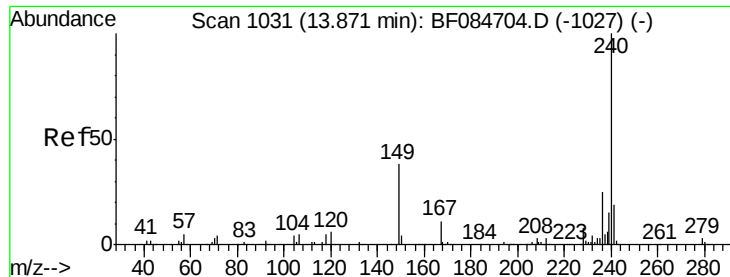


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

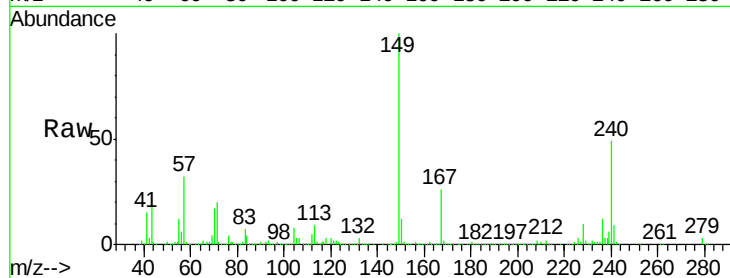
Tgt Ion:240 Resp: 316969

Ion Ratio Lower Upper

240 100

120 6.9 9.5 14.3#

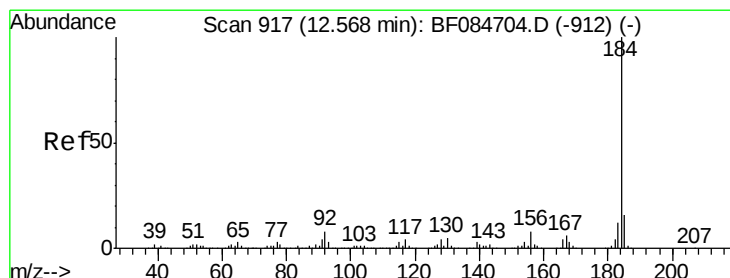
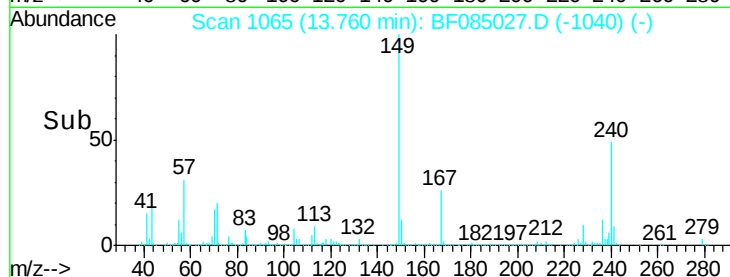
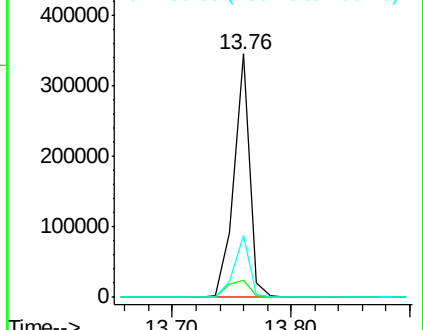
236 25.3 20.6 31.0



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: 27.40 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

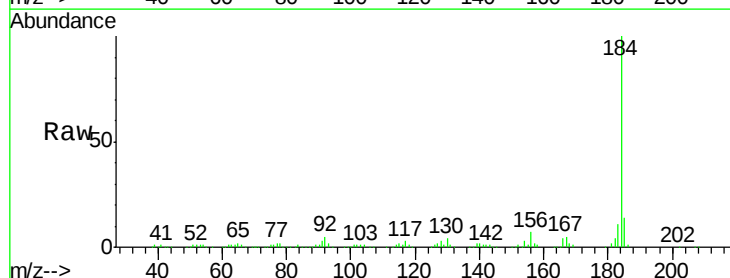
Tgt Ion:184 Resp: 303415

Ion Ratio Lower Upper

184 100

185 13.9 12.2 18.2

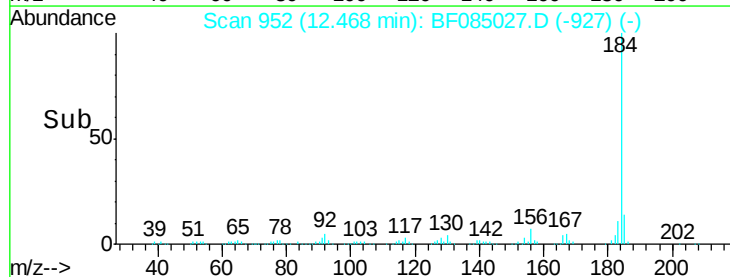
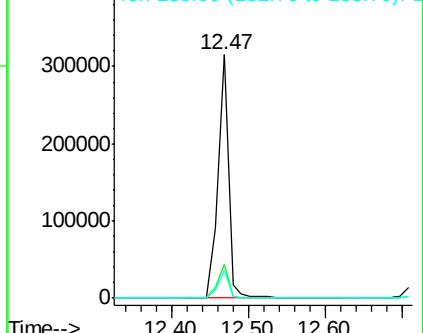
183 11.3 9.8 14.8

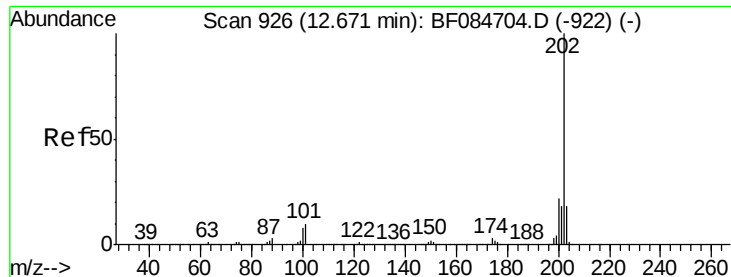


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 44.20 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

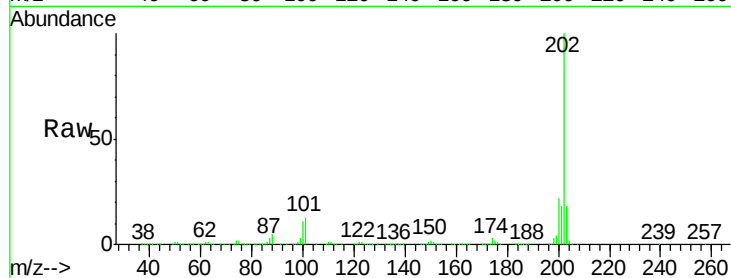
Tgt Ion:202 Resp: 1072667

Ion Ratio Lower Upper

202 100

200 22.1 17.2 25.8

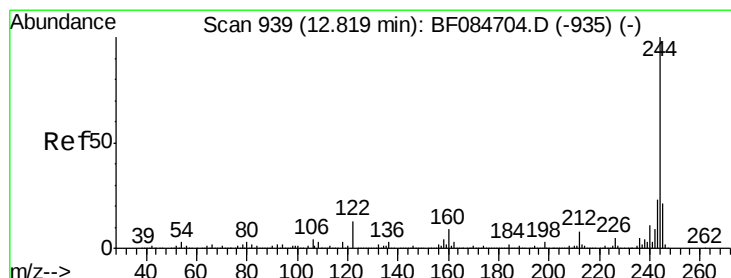
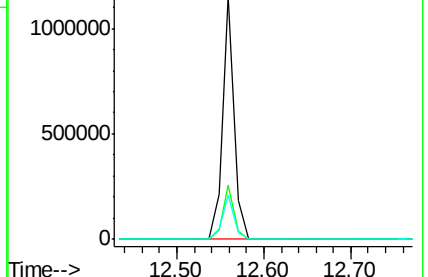
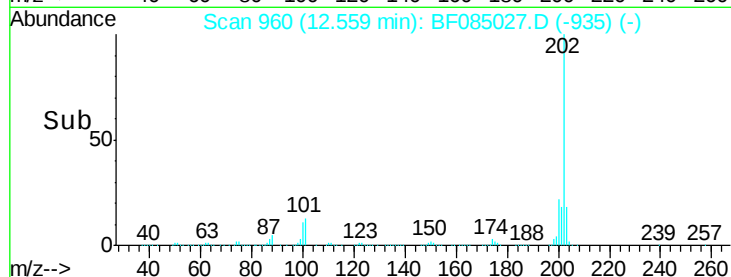
203 18.0 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 106.53 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

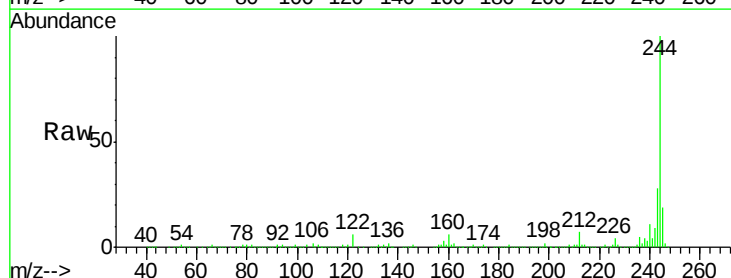
Tgt Ion:244 Resp: 1490143

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

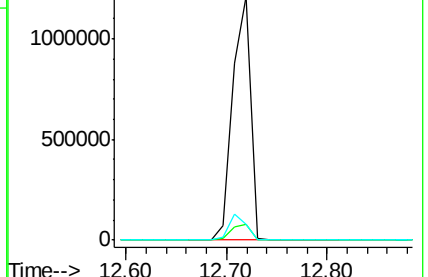
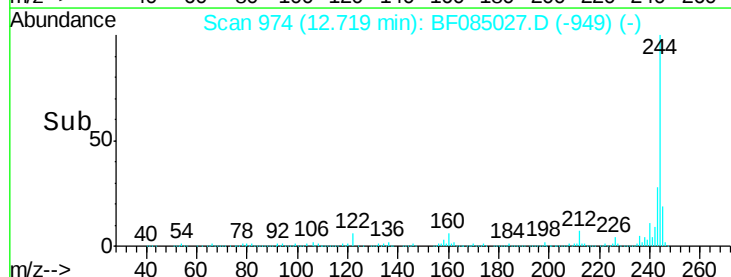
122 6.4 7.4 11.0#

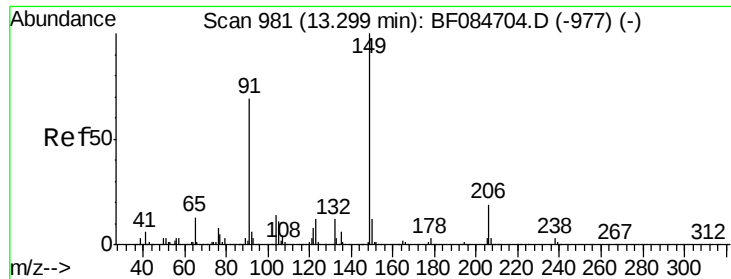


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

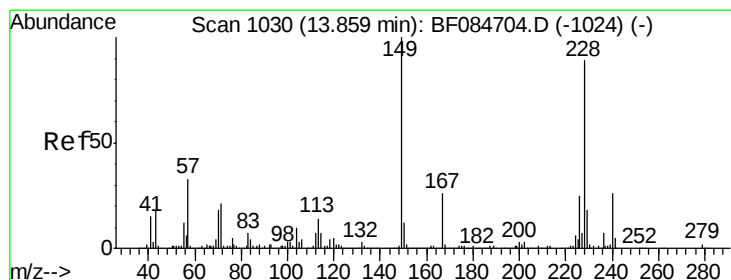
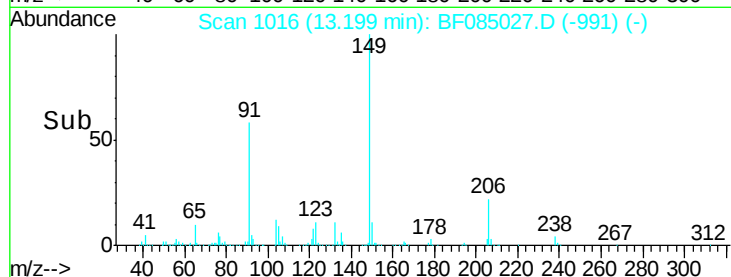
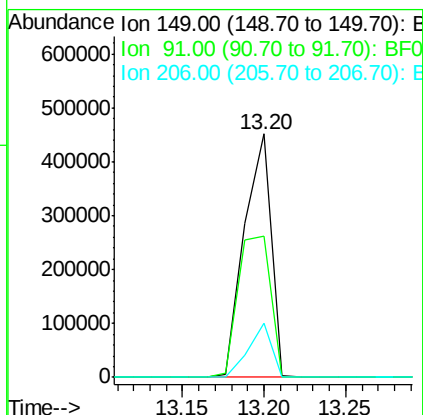
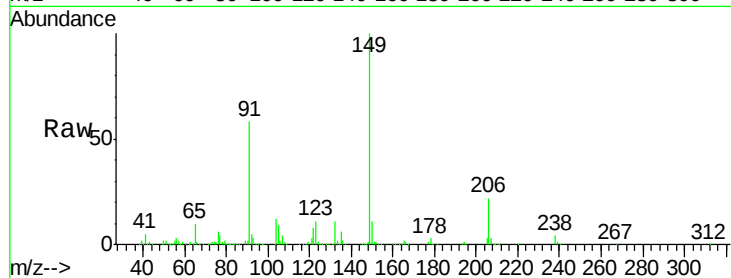




#79
Butylbenzylphthalate
Concen: 46.62 ng
RT: 13.20 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

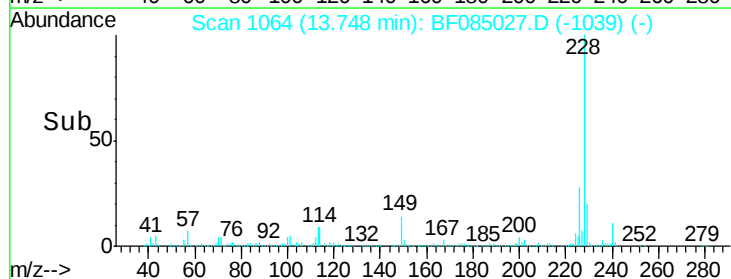
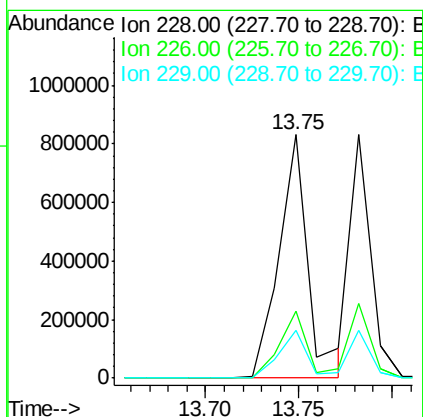
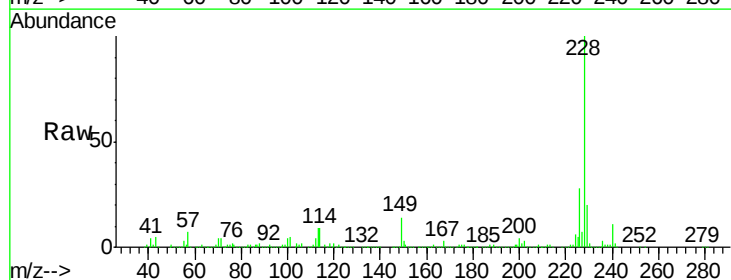
Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tgt Ion:149 Resp: 513211
Ion Ratio Lower Upper
149 100
91 58.2 57.6 86.4
206 22.3 13.2 19.8#



#80
Benzo(a)anthracene
Concen: 45.81 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF085027.D
Acq: 11 Feb 2016 19:35

Tgt Ion:228 Resp: 901133
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.6
229 19.9 15.8 23.8

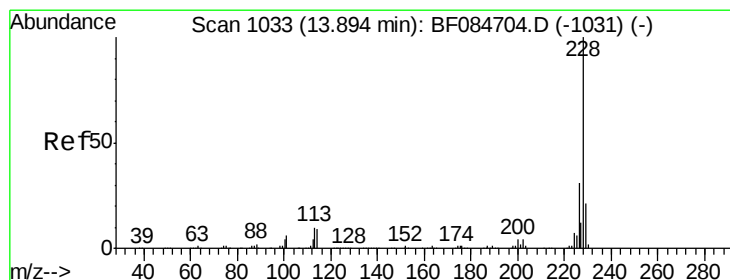
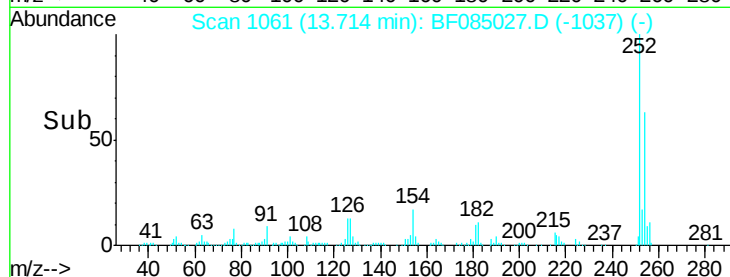
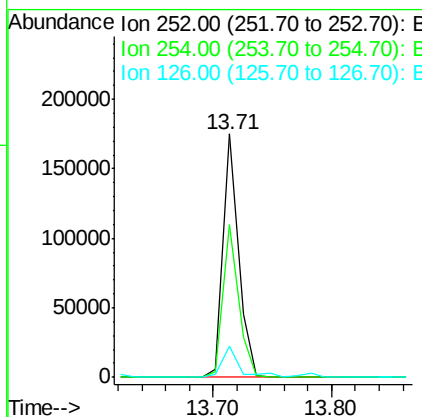
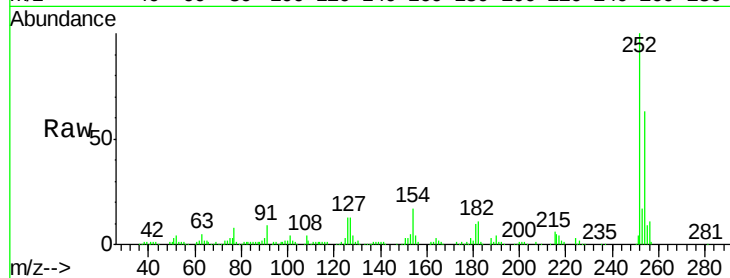




#81
 3,3'-Dichlorobenzidine
 Concen: 22.63 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

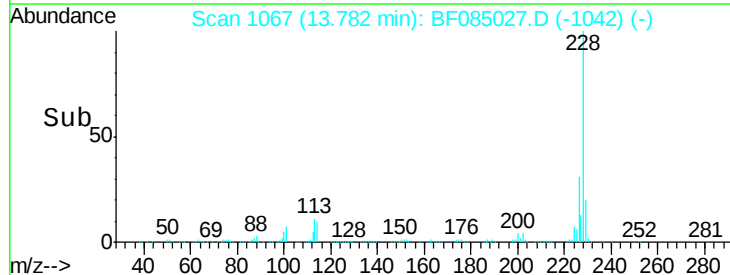
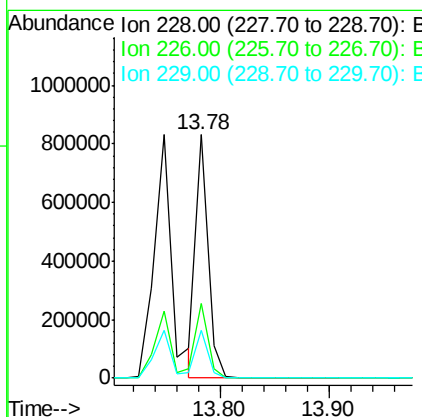
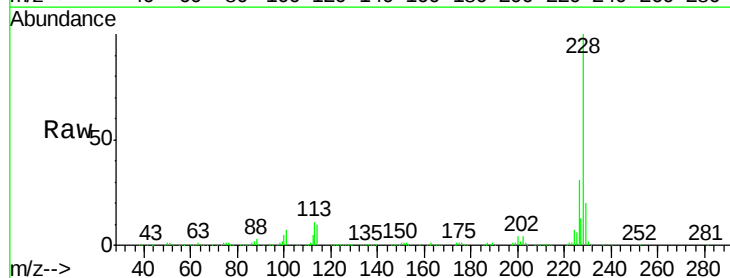
Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tgt Ion:252 Resp: 157607
 Ion Ratio Lower Upper
 252 100
 254 62.8 53.5 80.3
 126 12.7 4.9 7.3#



#82
 Chrysene
 Concen: 34.35 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Tgt Ion:228 Resp: 655309
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.3 36.5
 229 19.9 16.1 24.1

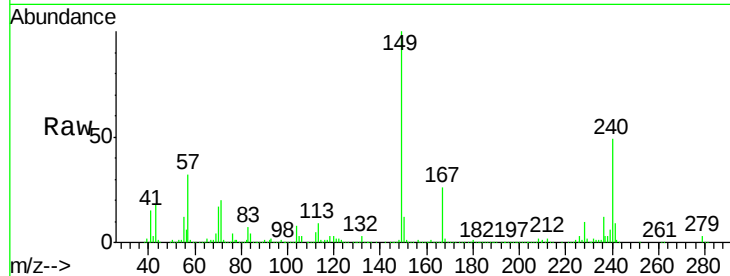




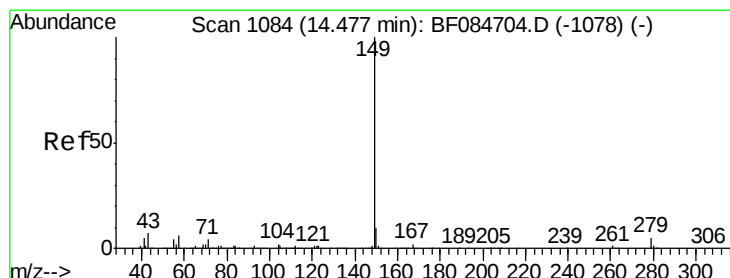
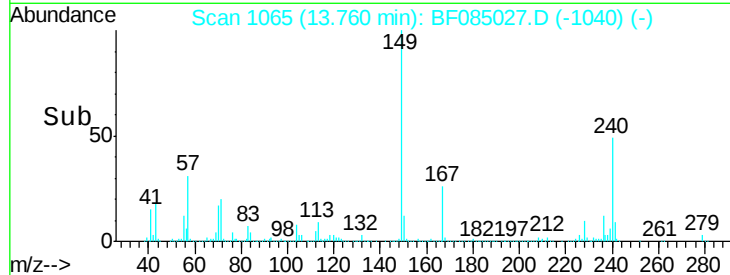
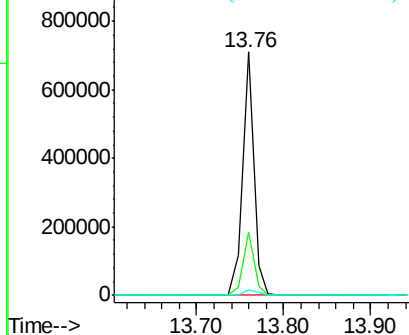
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.14 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tgt Ion:149 Resp: 632137
 Ion Ratio Lower Upper
 149 100
 167 25.8 19.7 29.5
 279 2.5 1.8 2.6

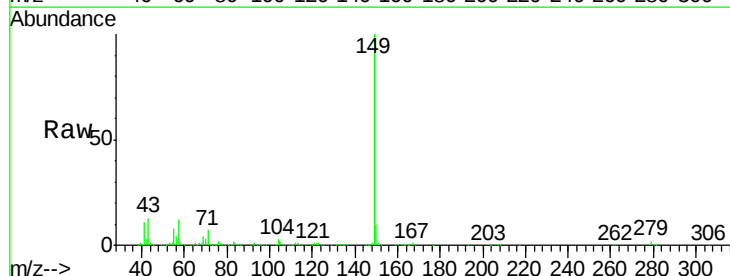


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

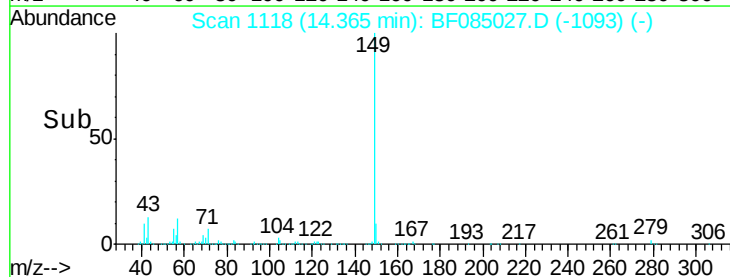
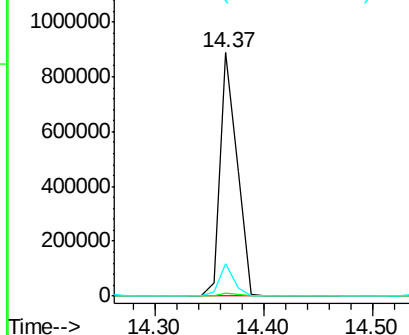


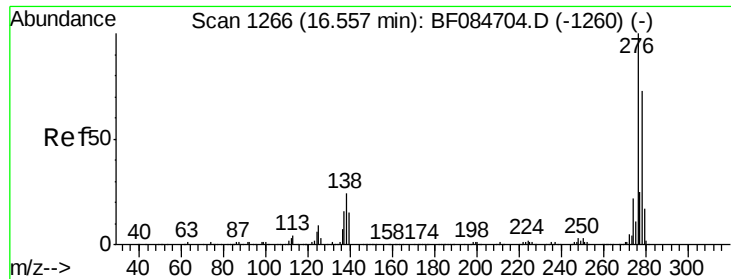
#84
 Di-n-octyl phthalate
 Concen: 42.65 ng
 RT: 14.37 min Scan# 1118
 Delta R.T. -0.01 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Tgt Ion:149 Resp: 964005
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.3 5.6 8.4#



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

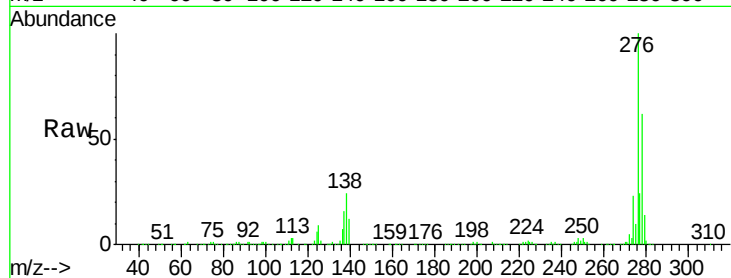




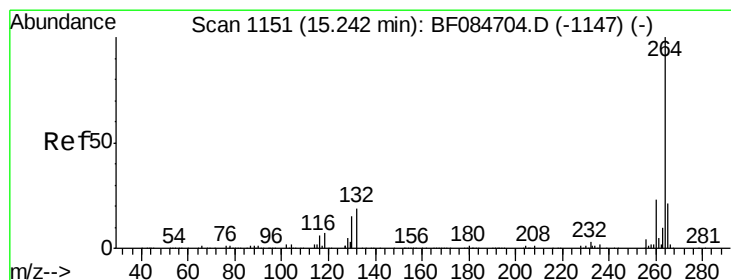
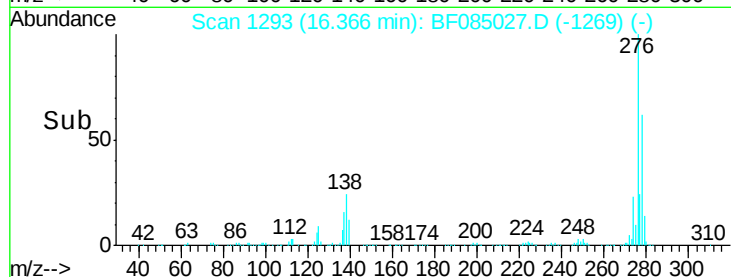
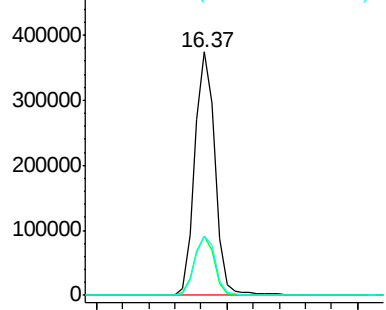
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.88 ng
 RT: 16.37 min Scan# 1293
 Delta R.T. -0.02 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tgt Ion: 276 Resp: 809084
 Ion Ratio Lower Upper
 276 100
 138 24.3 20.6 30.8
 277 25.0 20.1 30.1

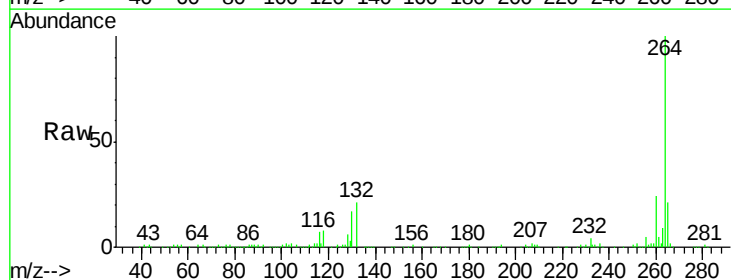


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

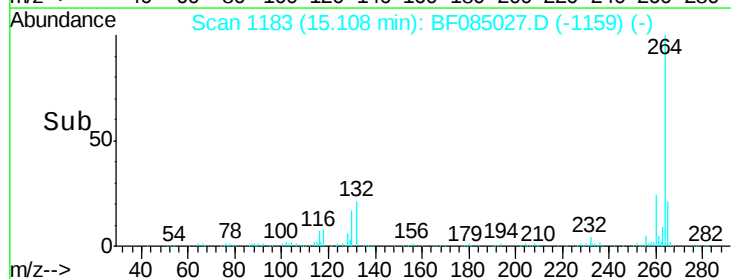
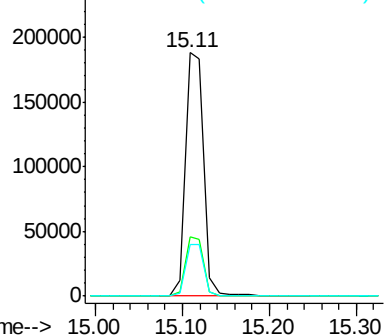


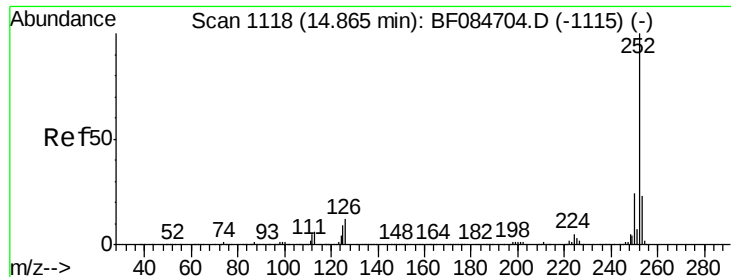
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF085027.D
 Acq: 11 Feb 2016 19:35

Tgt Ion: 264 Resp: 277907
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.1 17.8 26.6



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





#87

Benzo(b)fluoranthene

Concen: 76.86 ng

RT: 14.78 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

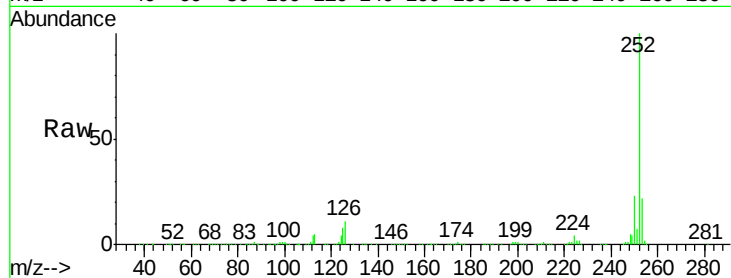
Tgt Ion:252 Resp: 1435086

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

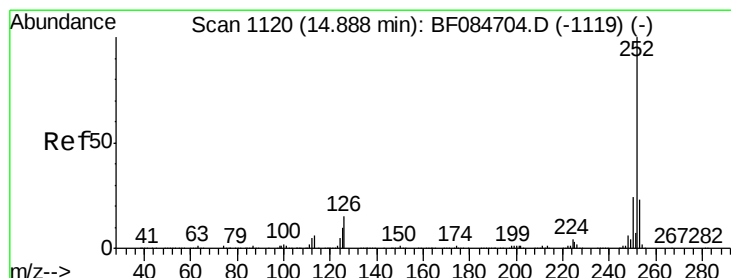
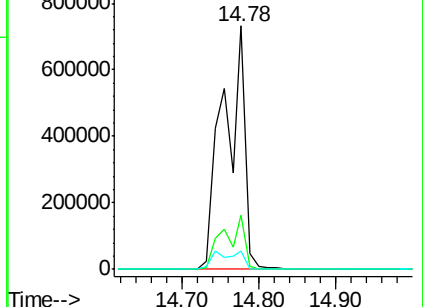
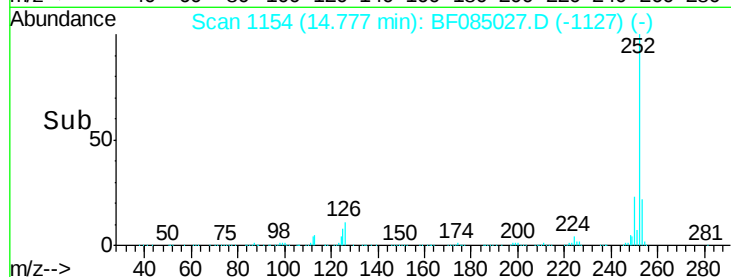
125 7.6 6.5 9.7



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: 92.95 ng

RT: 14.78 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

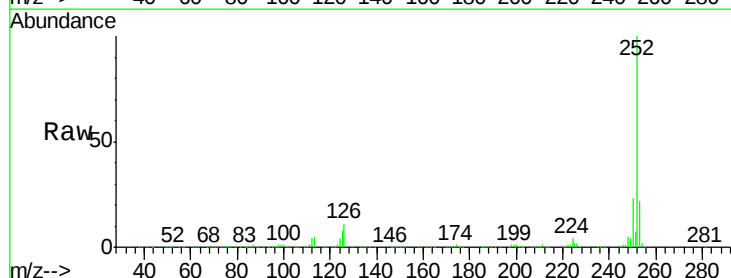
Tgt Ion:252 Resp: 1435086

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

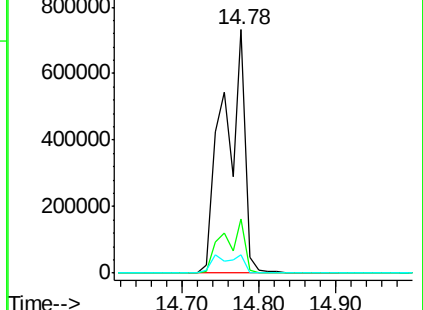
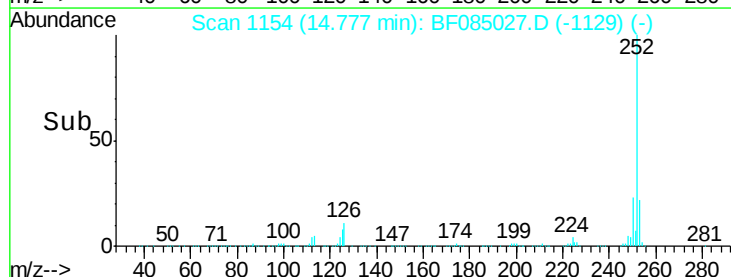
125 7.6 9.0 13.6#



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: 43.29 ng

RT: 15.06 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

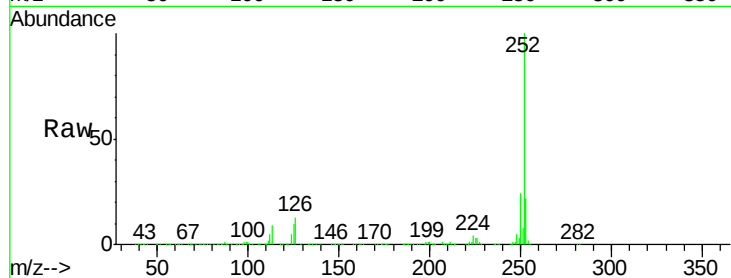
Tgt Ion:252 Resp: 688729

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

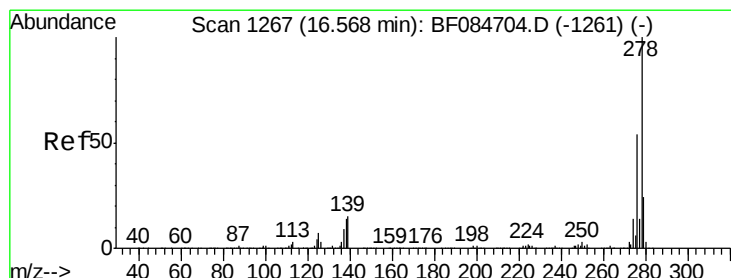
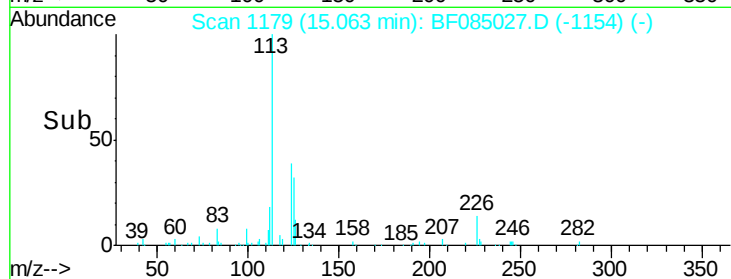
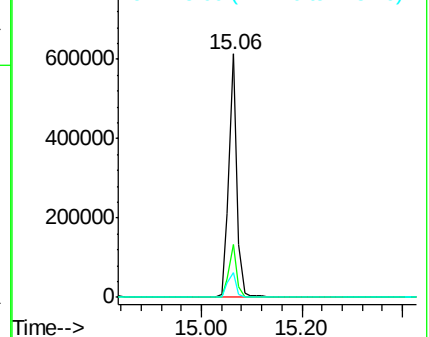
125 9.9 7.0 10.4



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: 50.14 ng

RT: 16.38 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

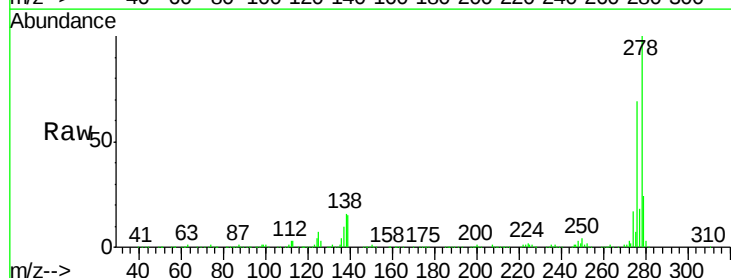
Tgt Ion:278 Resp: 671542

Ion Ratio Lower Upper

278 100

139 14.9 15.0 22.4#

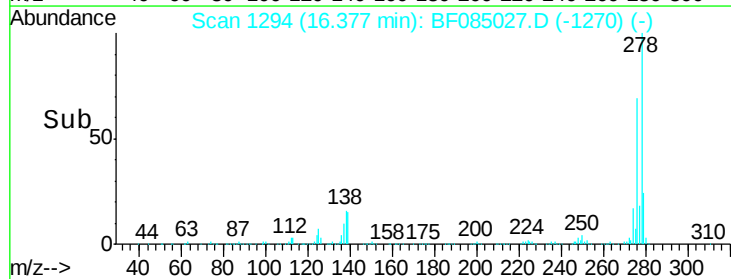
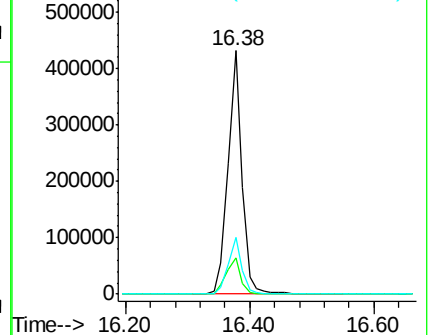
279 23.5 18.9 28.3

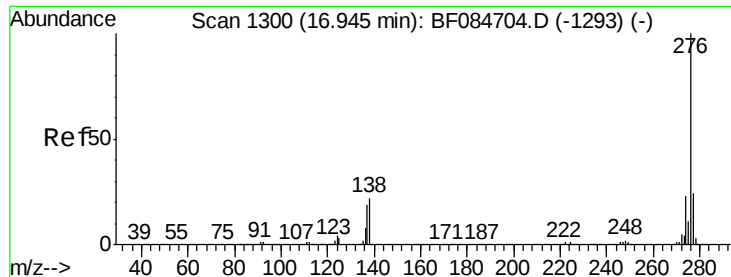


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 51.58 ng

RT: 16.74 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF085027.D

Acq: 11 Feb 2016 19:35

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

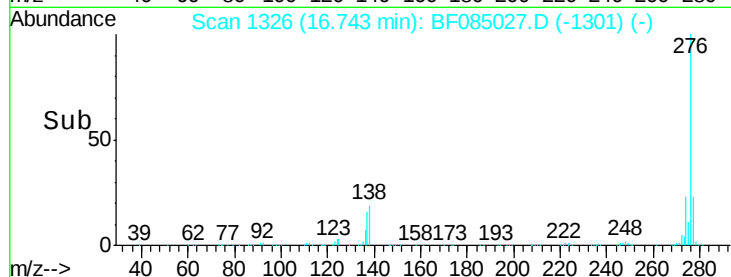
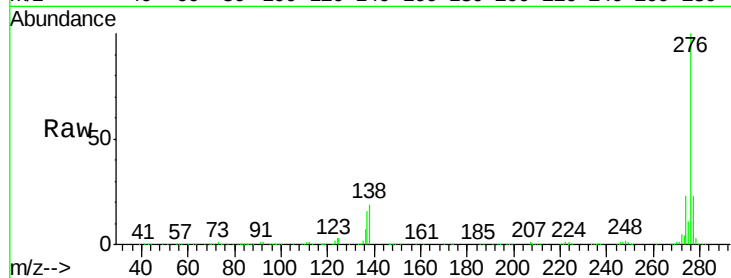
Tgt Ion: 276 Resp: 695841

Ion Ratio Lower Upper

276 100

277 23.0 18.8 28.2

138 19.0 17.8 26.6



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

