

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
 Data File : BF088710.D
 Acq On : 5 Jul 2016 18:42
 Operator : UM/SJ
 Sample : PB91726BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Quant Time: Jul 06 01:34:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	102752	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	425558	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	211867	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	410443	20.00	ng	0.00
75) Chrysene-d12	13.92	240	243177	20.00	ng	0.00
86) Perylene-d12	15.30	264	204943	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	725350	105.80	ng	0.01
7) Phenol-d6	6.42	99	976656	110.25	ng	0.01
23) Nitrobenzene-d5	7.35	82	710143	87.45	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	295974	150.44	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1175542	87.64	ng	0.00
78) Terphenyl-d14	12.87	244	964487	88.34	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.08	79	296401	30.05	ng	90
4) n-Nitrosodimethylamine	3.04	42	122012	32.38	ng	88
6) Aniline	6.43	93	330359	25.59	ng	# 1
8) 2-Chlorophenol	6.56	128	280498	38.07	ng	96
9) Benzaldehyde	6.32	77	246444	41.07	ng	87
10) Phenol	6.43	94	424082	41.94	ng	# 71
11) bis(2-Chloroethyl)ether	6.51	93	259762	34.45	ng	94
12) 1,3-Dichlorobenzene	6.72	146	310854	38.34	ng	96
13) 1,4-Dichlorobenzene	6.72	146	310854	38.62	ng	99
14) 1,2-Dichlorobenzene	6.72	146	310908	41.27	ng	96
15) Benzyl Alcohol	6.92	79	290442	44.55	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	348920	31.96	ng	90
17) 2-Methylphenol	7.04	107	251456	41.83	ng	97
18) Hexachloroethane	7.29	117	120848	38.82	ng	90
19) n-Nitroso-di-n-propylamine	7.20	70	211514	35.54	ng	93
20) 3+4-Methylphenols	7.20	107	324925	45.04	ng	90
22) Acetophenone	7.19	105	415883	40.26	ng	# 87
24) Nitrobenzene	7.36	77	309607	37.81	ng	# 82
25) Isophorone	7.60	82	625169	41.56	ng	95
26) 2-Nitrophenol	7.68	139	169225	50.40	ng	92
27) 2,4-Dimethylphenol	7.72	122	300825	43.02	ng	89
28) bis(2-Chloroethoxy)methane	7.82	93	370710	37.87	ng	# 95
29) 2,4-Dichlorophenol	7.92	162	238405	42.18	ng	96
30) 1,2,4-Trichlorobenzene	8.01	180	256875	41.42	ng	96
31) Naphthalene	8.08	128	844611	40.26	ng	100
32) Benzoic acid	7.80	122	34619	6.82	ng	89
33) 4-Chloroaniline	8.14	127	188826	20.23	ng	# 93
34) Hexachlorobutadiene	8.20	225	135454	40.79	ng	99
35) Caprolactam	8.50	113	48903	25.48	ng	98
36) 4-Chloro-3-methylphenol	8.62	107	300562	44.97	ng	91
37) 2-Methylnaphthalene	8.78	142	600063	44.42	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	230219	32.67	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	273927	79.20	ng	98
42) 2,4,6-Trichlorophenol	9.05	196	182329	39.24	ng	97

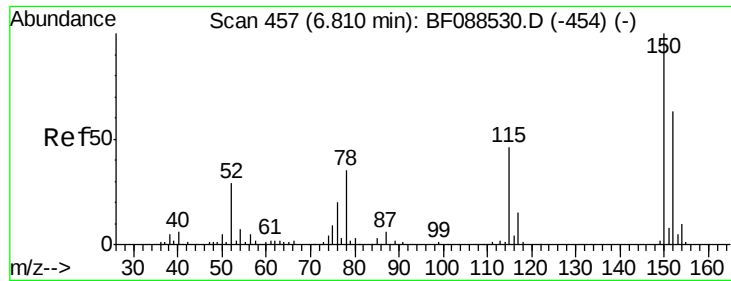
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.10	196	195313	48.86	ng	98
45) 1,1'-Biphenyl	9.23	154	676283	38.55	ng	98
46) 2-Chloronaphthalene	9.26	162	520022	37.76	ng	96
47) 2-Nitroaniline	9.36	65	211088	43.19	ng	# 82
48) Acenaphthylene	9.68	152	908915	41.48	ng	99
49) Dimethylphthalate	9.54	163	600651	39.79	ng	99
50) 2,6-Dinitrotoluene	9.60	165	137243	41.03	ng	# 49
51) Acenaphthene	9.85	154	561728	41.82	ng	99
52) 3-Nitroaniline	9.76	138	93042	21.88	ng	82
53) 2,4-Dinitrophenol	9.87	184	47504	32.16	ng	# 77
54) Dibenzofuran	10.02	168	794468	45.19	ng	95
55) 4-Nitrophenol	9.94	139	283151	87.62	ng	87
56) 2,4-Dinitrotoluene	10.00	165	197406	45.13	ng	# 41
57) Fluorene	10.35	166	566520	41.81	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	148295	47.95	ng	# 49
59) Diethylphthalate	10.24	149	629096	41.53	ng	98
60) 4-Chlorophenyl-phenylether	10.35	204	260577	41.39	ng	95
61) 4-Nitroaniline	10.38	138	154425	37.74	ng	84
62) Azobenzene	10.51	77	797077	46.13	ng	96
64) 4,6-Dinitro-2-methylphenol	10.41	198	58611	26.70	ng	# 77
65) n-Nitrosodiphenylamine	10.48	169	559320	40.26	ng	100
66) 4-Bromophenyl-phenylether	10.84	248	178304	43.11	ng	94
67) Hexachlorobenzene	10.90	284	166385	36.34	ng	94
68) Atrazine	11.00	200	191723	44.29	ng	94
69) Pentachlorophenol	11.10	266	143504	52.96	ng	97
70) Phenanthrene	11.31	178	840139	37.44	ng	99
71) Anthracene	11.37	178	948336	42.51	ng	98
72) Carbazole	11.52	167	781567	37.22	ng	99
73) Di-n-butylphthalate	11.86	149	1101414	45.10	ng	99
74) Fluoranthene	12.49	202	817748	35.95	ng	97
76) Benzidine	12.62	184	562956	45.80	ng	99
77) Pyrene	12.72	202	811957	39.38	ng	100
79) Butylbenzylphthalate	13.35	149	427535	46.49	ng	# 83
80) Benzo(a)anthracene	13.91	228	692079	44.20	ng	99
81) 3,3'-Dichlorobenzidine	13.87	252	124764	21.19	ng	98
82) Chrysene	13.94	228	695723	44.91	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	495902	47.23	ng	99
84) Di-n-octyl phthalate	14.51	149	748361	41.95	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.64	276	549381	46.09	ng	# 100
87) Benzo(b)fluoranthene	14.94	252	1017020	79.11	ng	# 96
88) Benzo(k)fluoranthene	14.94	252	1017033	90.87	ng	99
89) Benzo(a)pyrene	15.25	252	476453	43.77	ng	# 96
90) Dibenzo(a,h)anthracene	16.65	278	457032	50.28	ng	98
91) Benzo(g,h,i)perylene	17.04	276	477334	50.75	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

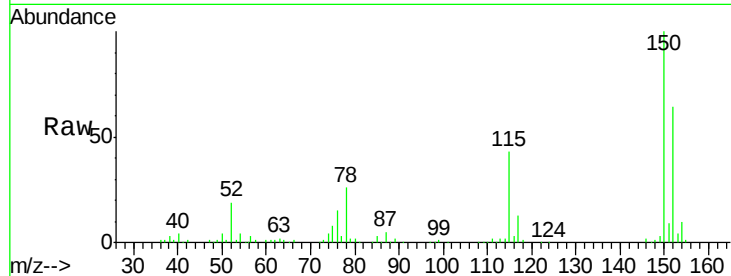
Tgt Ion:152 Resp: 102752

Ion Ratio Lower Upper

152 100

150 155.5 123.8 185.6

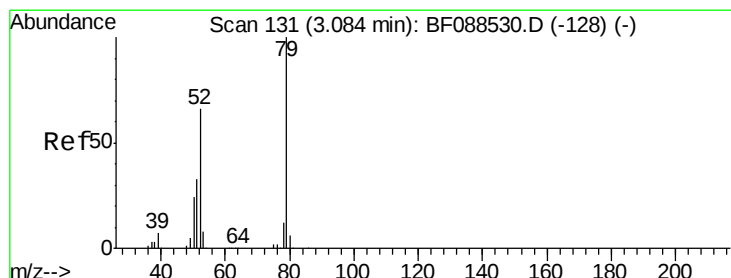
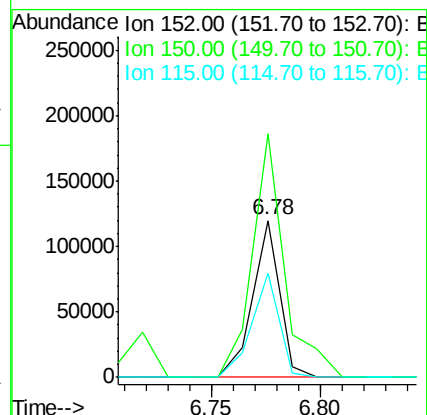
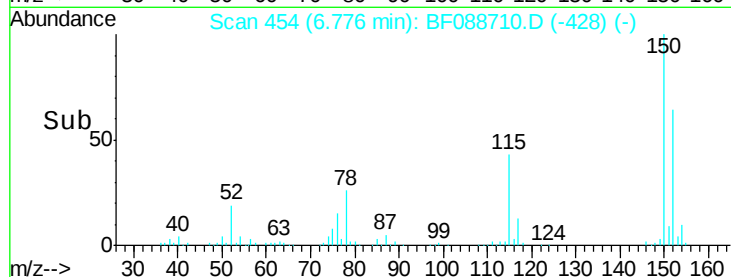
115 66.1 39.6 59.4#



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



#3

Pyridine

Concen: 30.05 ng

RT: 3.08 min Scan# 131

Delta R.T. 0.08 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

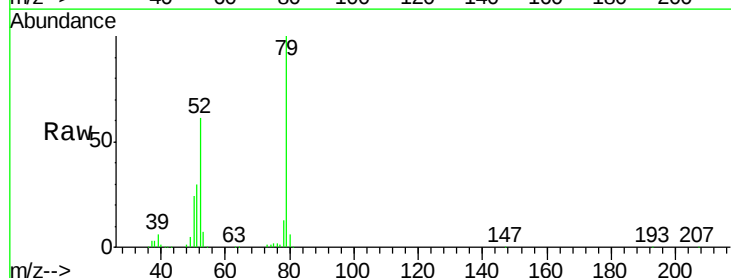
Tgt Ion: 79 Resp: 296401

Ion Ratio Lower Upper

79 100

52 61.4 56.3 84.5

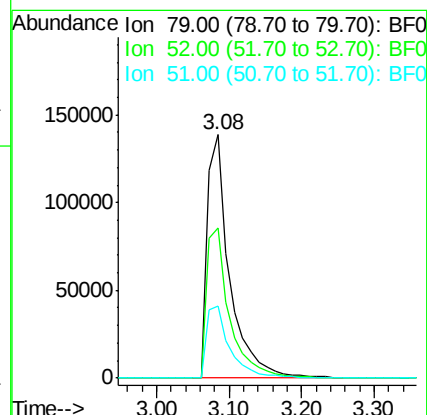
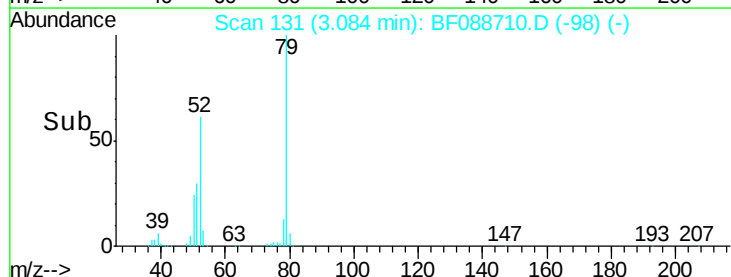
51 29.7 27.4 41.2

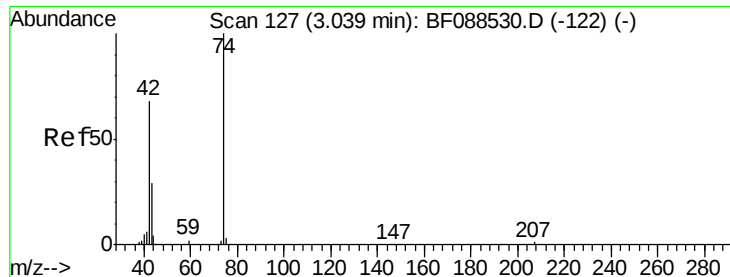


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#4

n-Nitrosodimethylamine

Concen: 32.38 ng

RT: 3.04 min Scan# 127

Delta R.T. 0.07 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

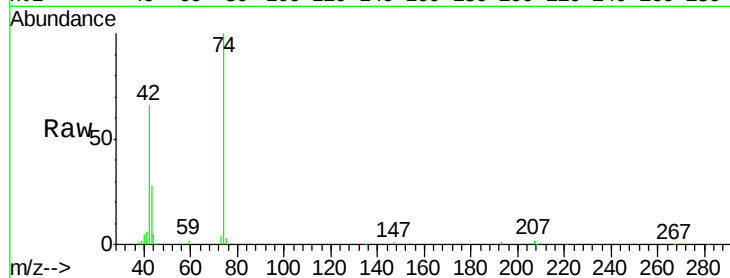
Tgt Ion: 42 Resp: 122012

Ion Ratio Lower Upper

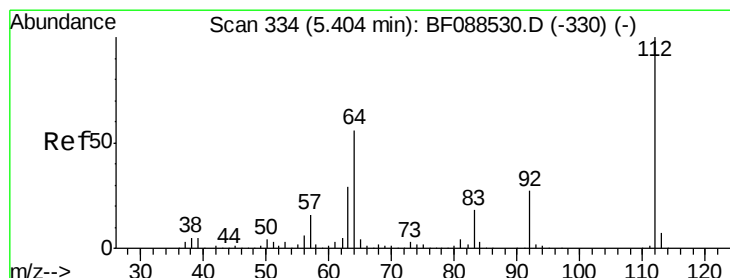
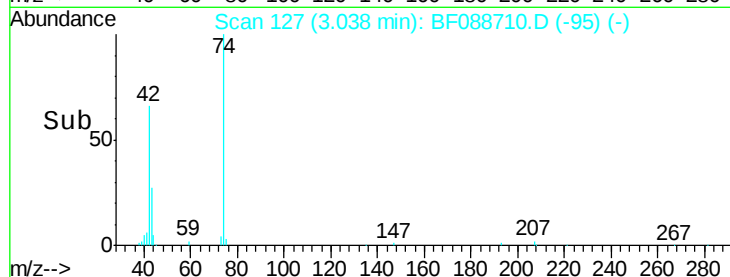
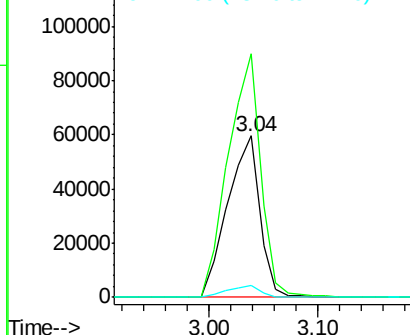
42 100

74 151.1 108.6 163.0

44 7.1 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0



#5

2-Fluorophenol

Concen: 105.80 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.01 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

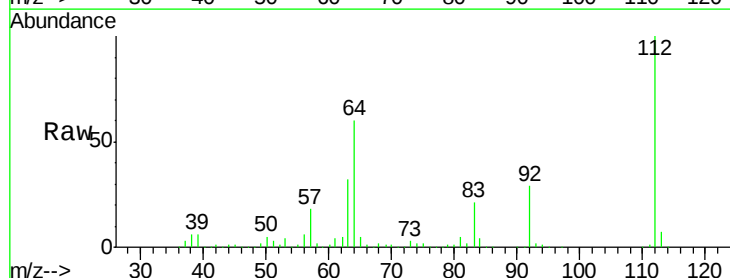
Tgt Ion: 112 Resp: 725350

Ion Ratio Lower Upper

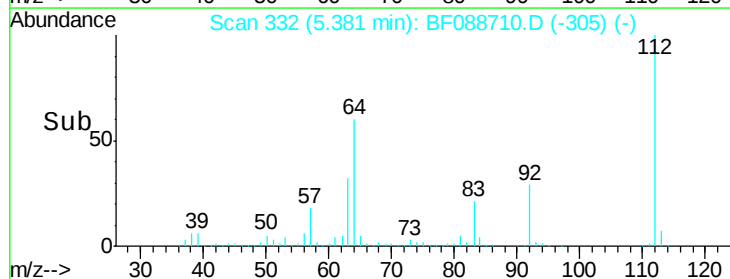
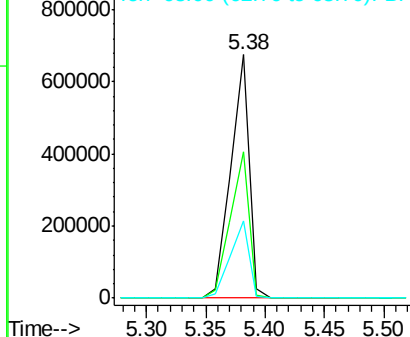
112 100

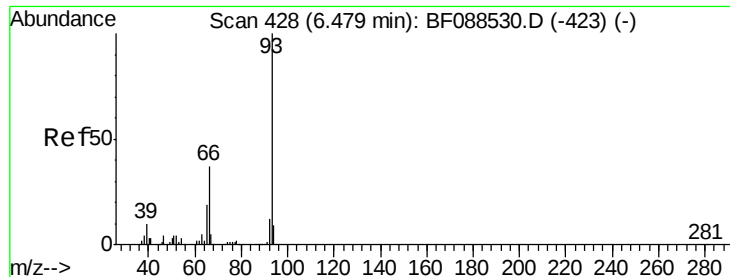
64 60.0 42.2 63.2

63 31.5 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 25.59 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

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ClientSampleId :

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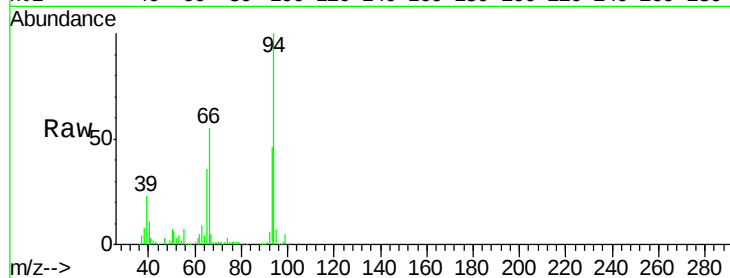
Tgt Ion: 93 Resp: 330359

Ion Ratio Lower Upper

93 100

66 119.5 29.8 44.8#

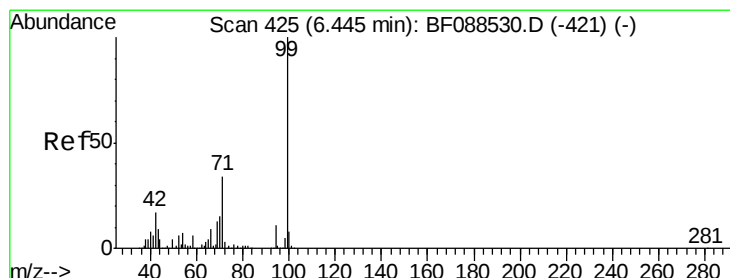
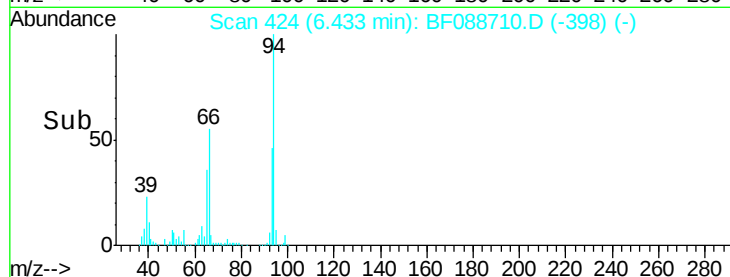
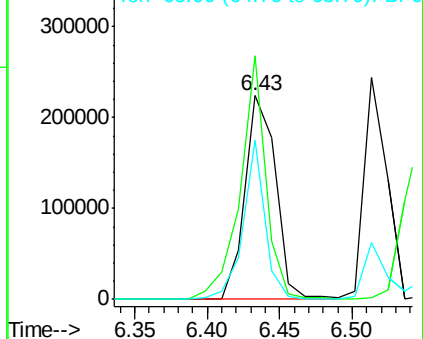
65 78.0 14.9 22.3#



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: 110.25 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.01 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

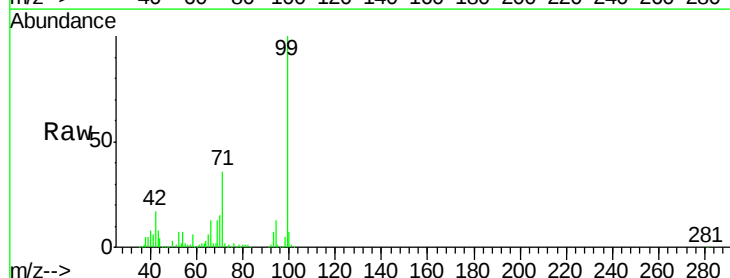
Tgt Ion: 99 Resp: 976656

Ion Ratio Lower Upper

99 100

42 16.9 12.2 18.2

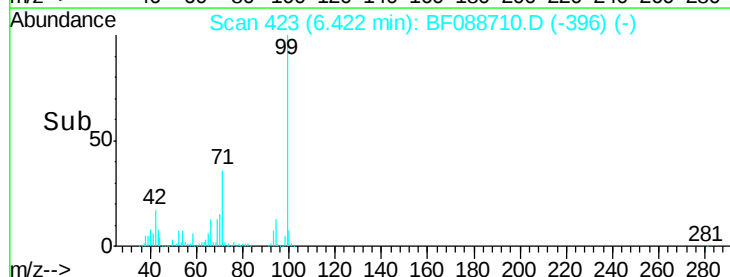
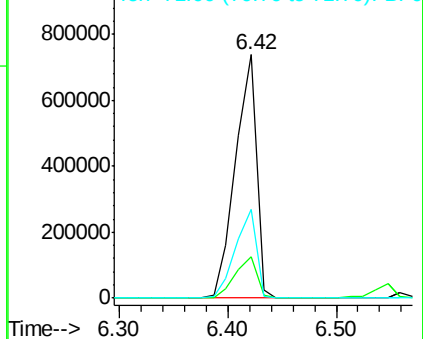
71 36.3 23.4 35.0#

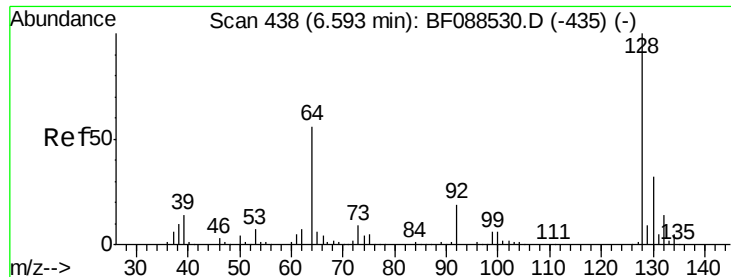


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 38.07 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

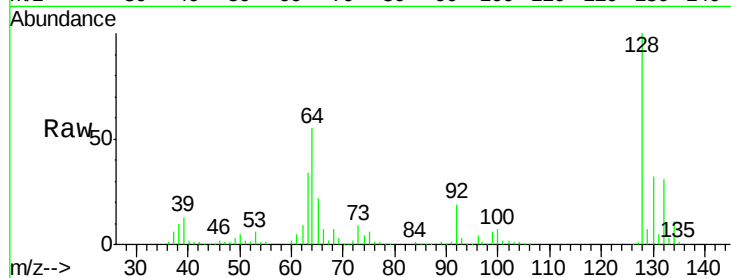
Instrument :

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ClientSampleId :

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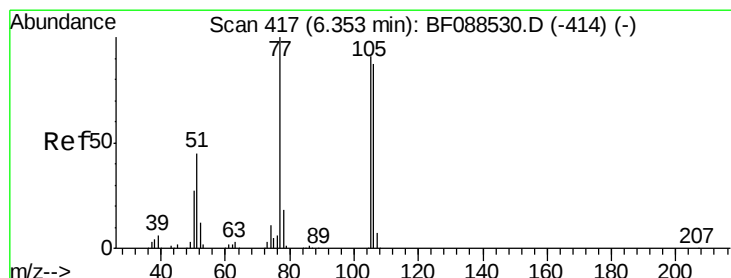
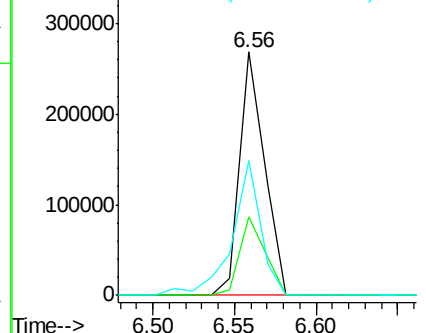
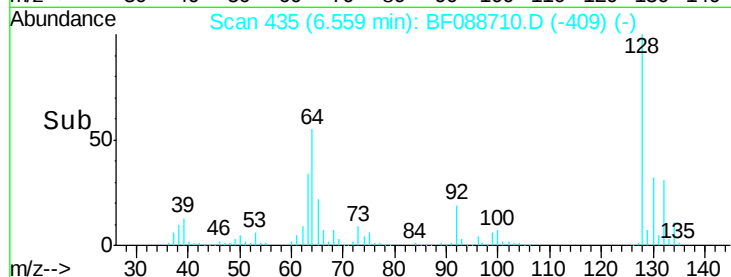
Tgt Ion:	128	Resp:	280498
Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.0	52.0
64	55.1	30.8	70.8



Abundance Ion 128.00 (127.70 to 128.70): B

Ion 130.00 (129.70 to 130.70): B

Ion 64.00 (63.70 to 64.70): B



#9

Benzaldehyde

Concen: 41.07 ng

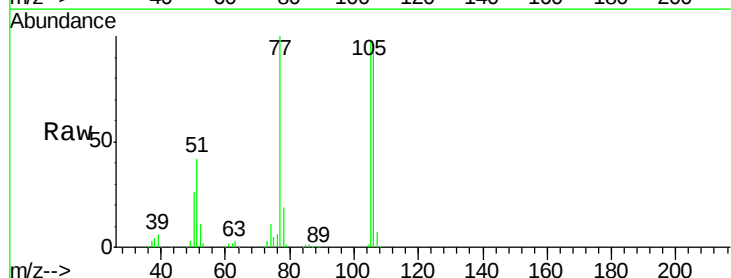
RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

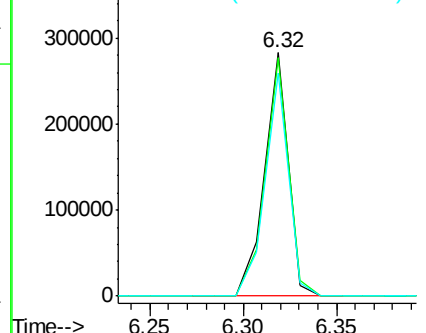
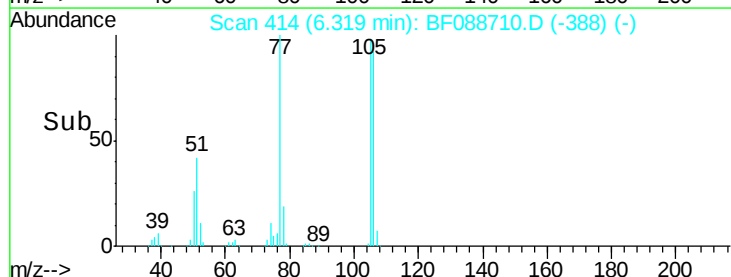
Tgt Ion:	77	Resp:	246444
Ion	Ratio	Lower	Upper
77	100		
105	98.2	90.6	130.6
106	91.5	85.3	125.3

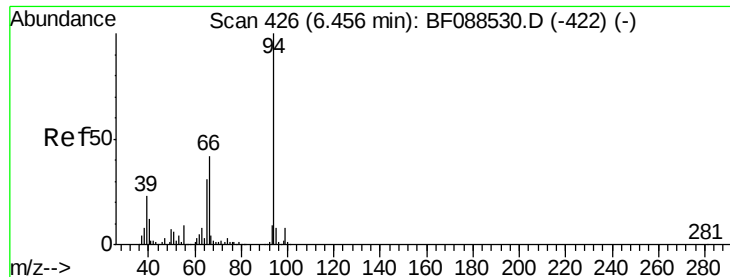


Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 41.94 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

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PB91726BS

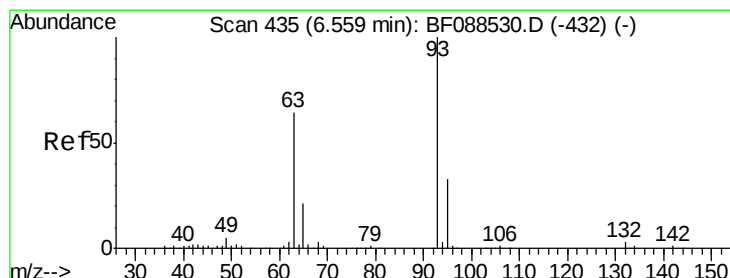
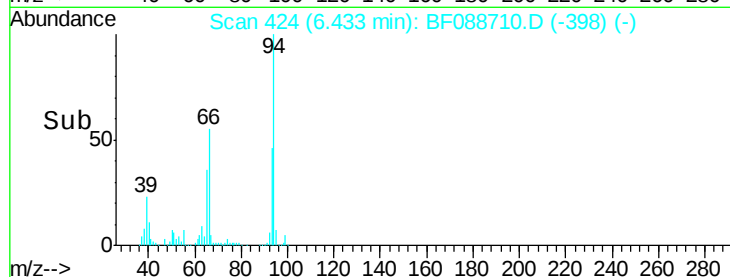
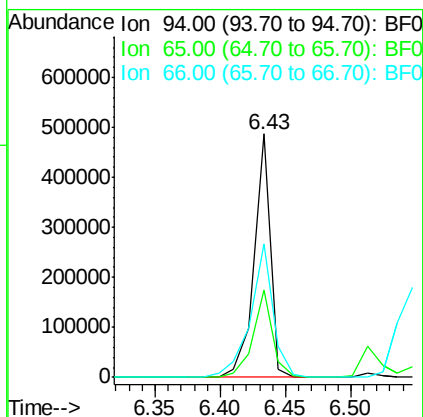
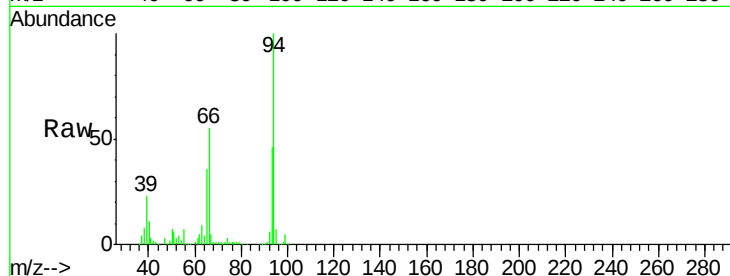
Tgt Ion: 94 Resp: 424082

Ion Ratio Lower Upper

94 100

65 35.9 5.9 45.9

66 55.0 14.0 54.0#



#11

bis(2-Chloroethyl)ether

Concen: 34.45 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

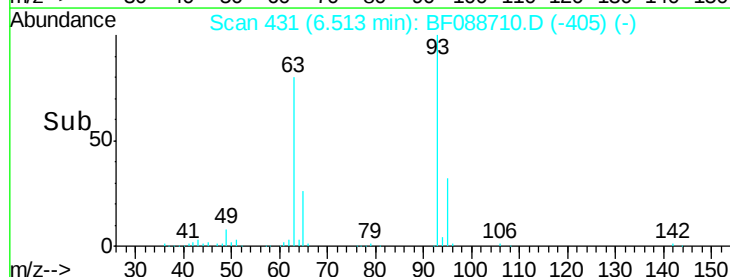
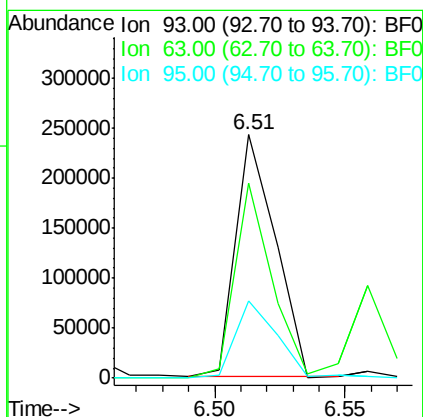
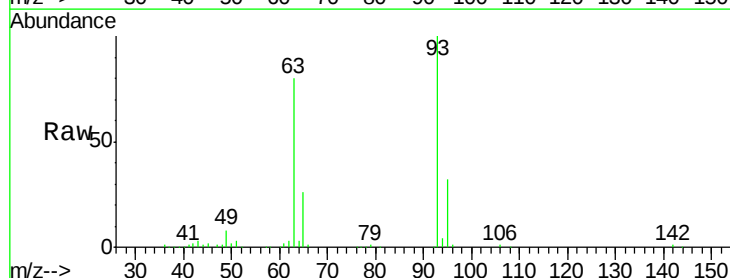
Tgt Ion: 93 Resp: 259762

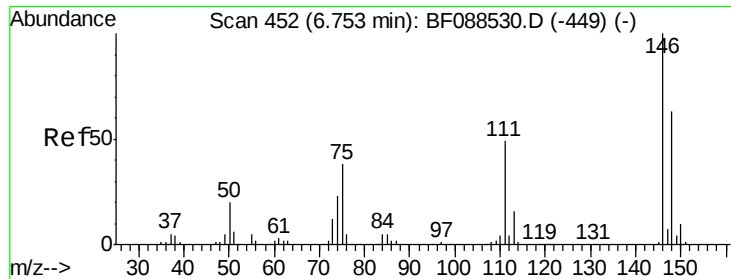
Ion Ratio Lower Upper

93 100

63 80.0 67.6 107.6

95 31.5 12.5 52.5

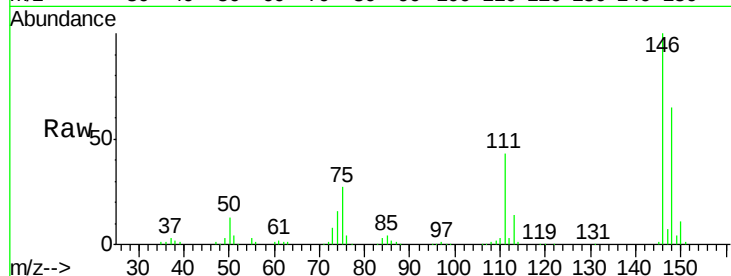




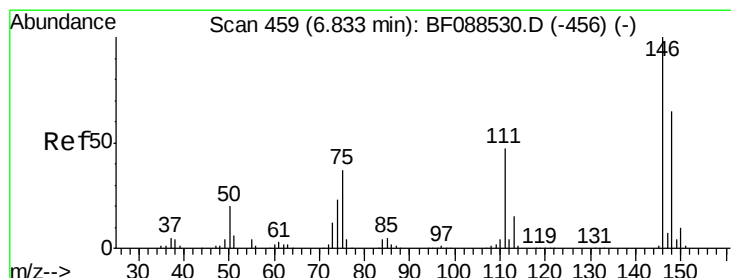
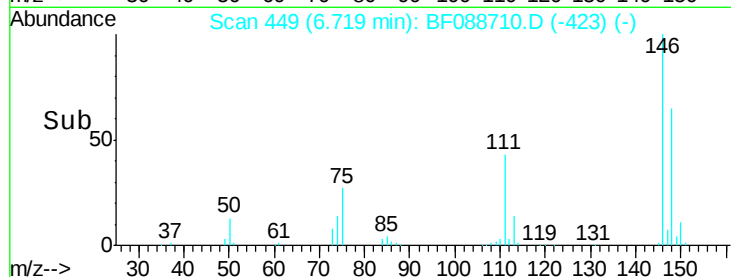
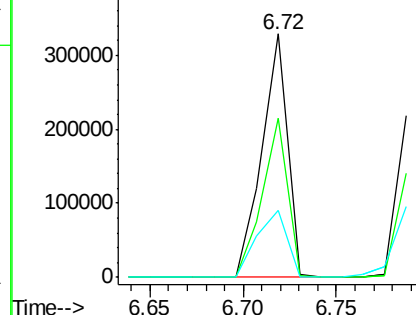
#12
 1,3-Dichlorobenzene
 Concen: 38.34 ng
 RT: 6.72 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tgt Ion:146 Resp: 310854
 Ion Ratio Lower Upper
 146 100
 148 65.3 50.9 76.3
 75 27.5 25.6 38.4

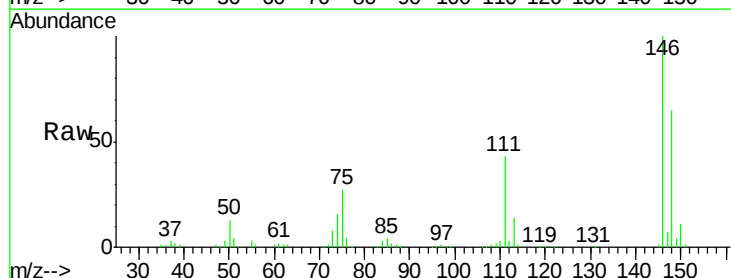


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

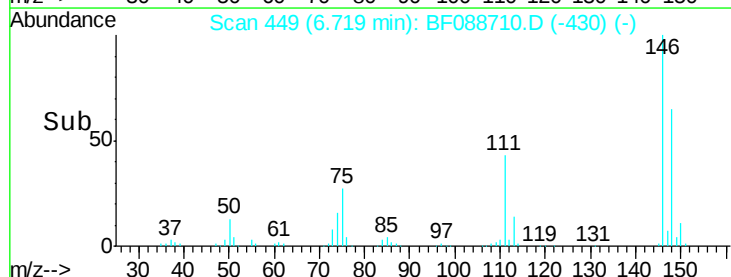
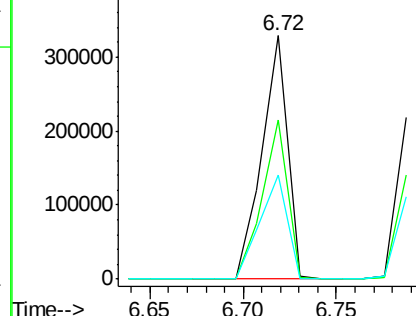


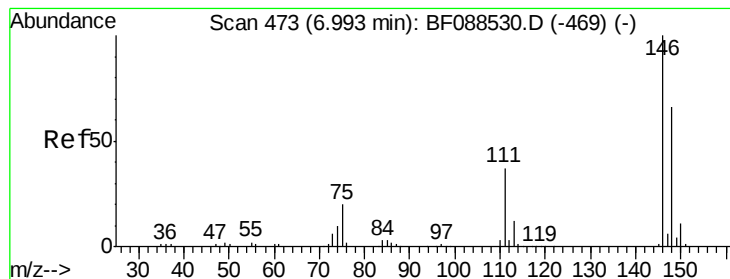
#13
 1,4-Dichlorobenzene
 Concen: 38.62 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.08 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

Tgt Ion:146 Resp: 310854
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.0 78.0
 111 42.8 33.8 50.8



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: 41.27 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.23 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampled :

PB91726BS

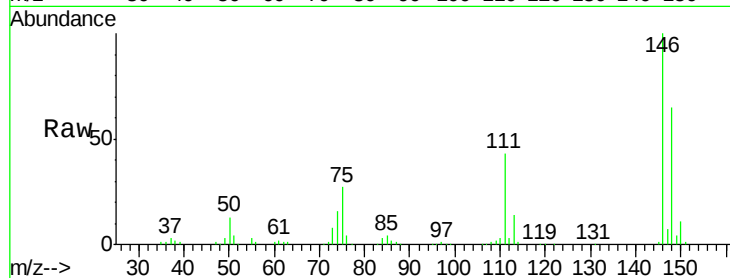
Tgt Ion:146 Resp: 310908

Ion Ratio Lower Upper

146 100

148 65.3 52.3 78.5

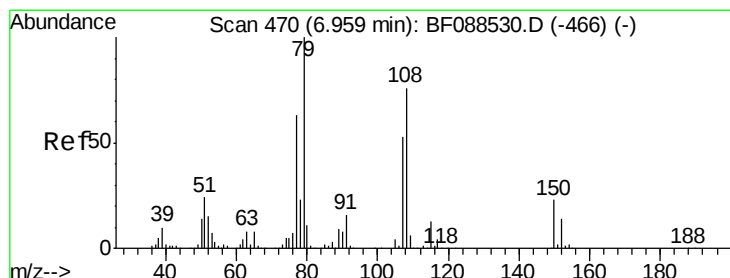
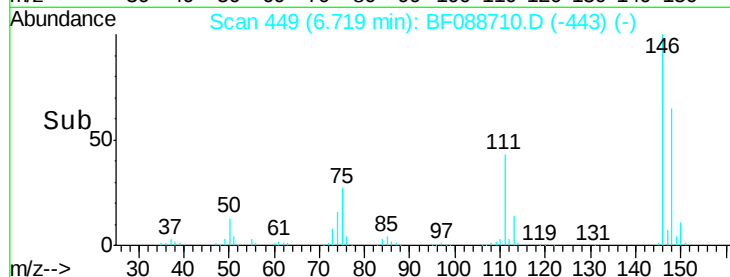
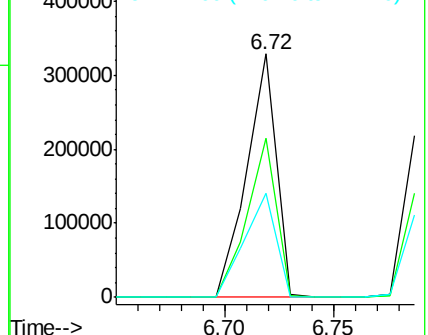
111 42.8 28.7 43.1



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: 44.55 ng

RT: 6.92 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

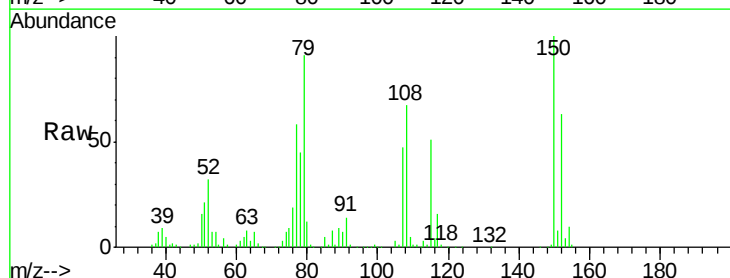
Tgt Ion: 79 Resp: 290442

Ion Ratio Lower Upper

79 100

108 73.2 65.0 97.6

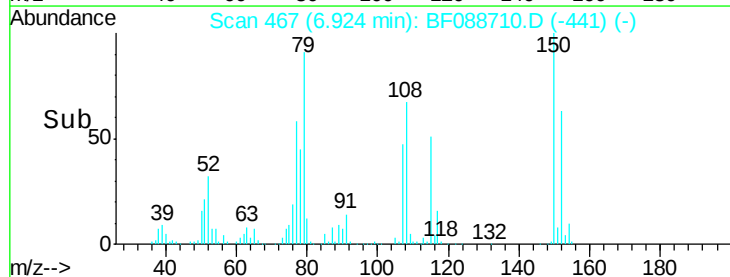
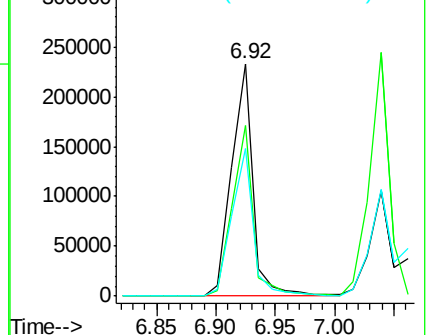
77 63.5 50.3 75.5

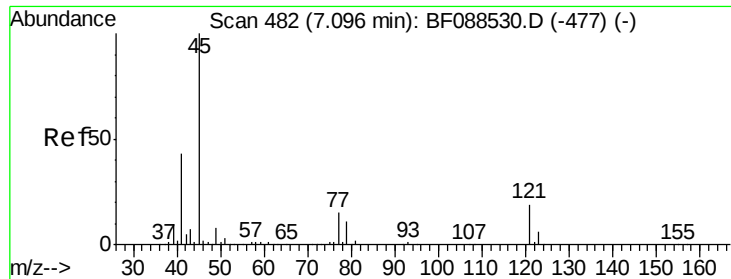


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

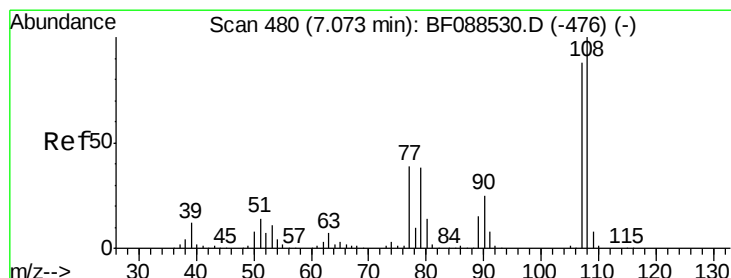
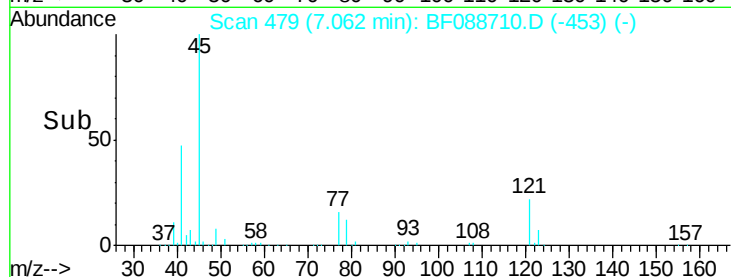
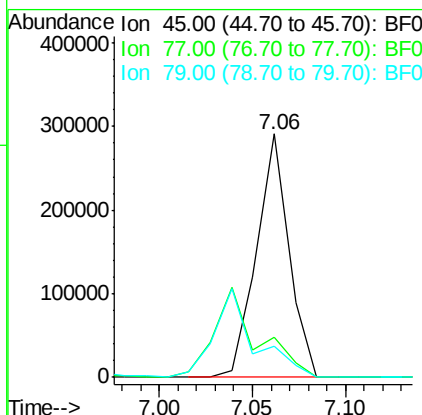
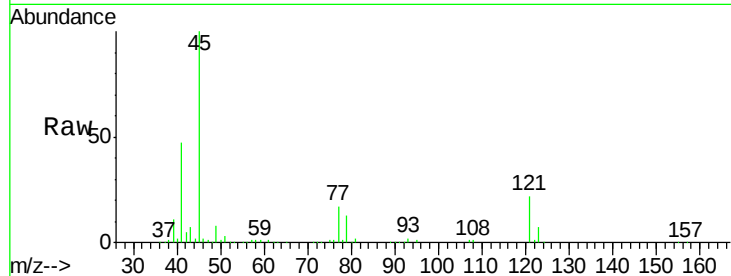




#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.96 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

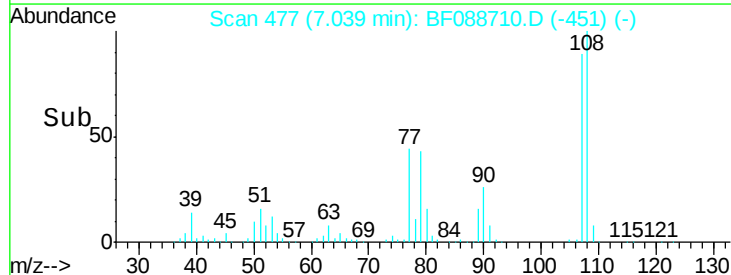
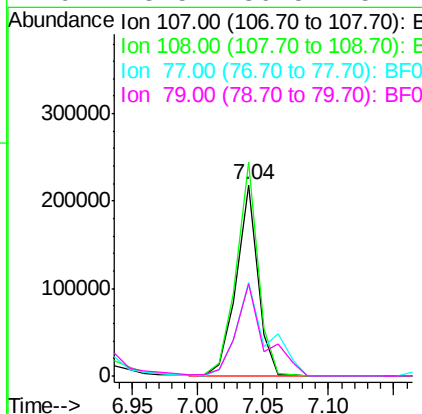
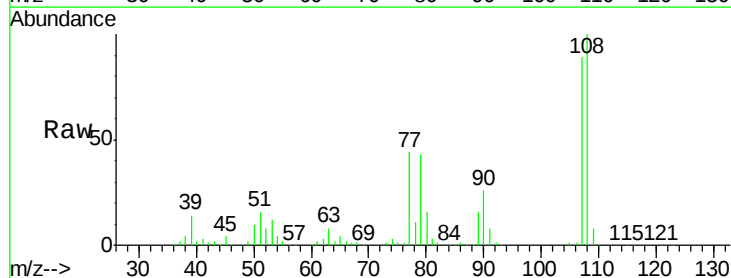
Instrument :
BNA_F
ClientSampleId :
PB91726BS

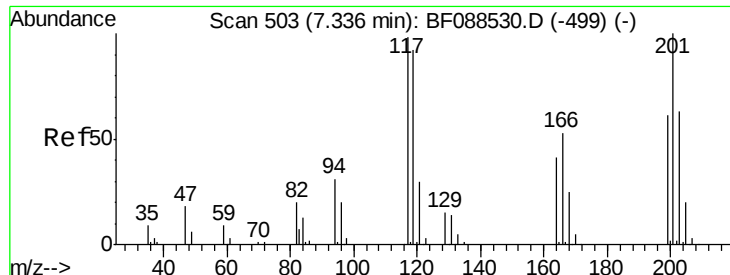
Tgt Ion:	45	Resp:	348920
Ion	Ratio	Lower	Upper
45	100		
77	16.6	0.0	32.5
79	12.7	0.0	29.5



#17
2-Methylphenol
Concen: 41.83 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion:	107	Resp:	251456
Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.9	136.3
77	48.9	36.6	55.0
79	48.5	36.5	54.7

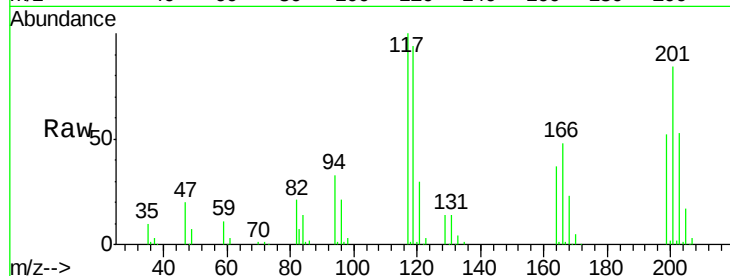




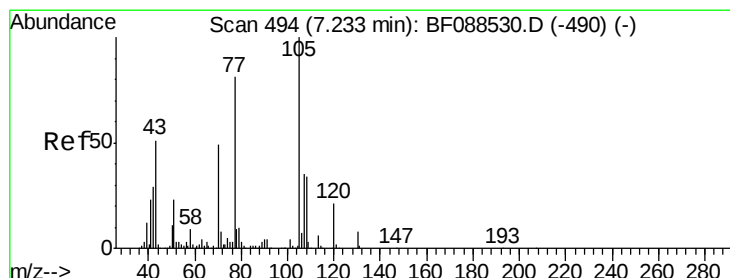
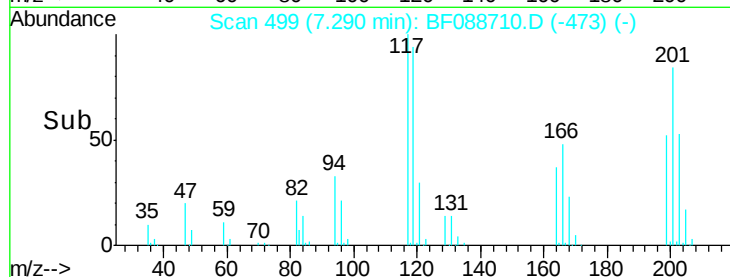
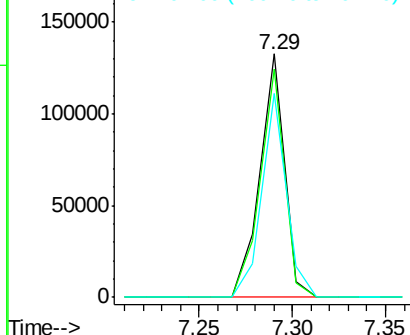
#18
Hexachloroethane
Concen: 38.82 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tgt Ion: 117 Resp: 120848
Ion Ratio Lower Upper
117 100
119 93.5 77.4 116.2
201 83.8 80.4 120.6

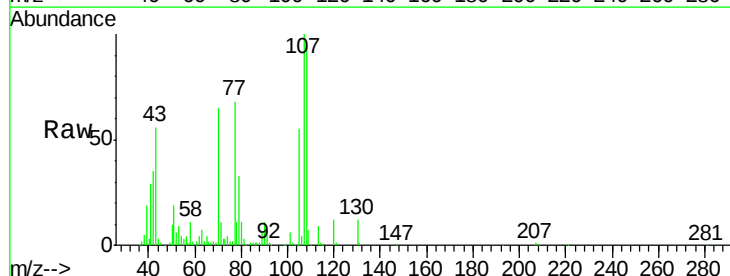


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

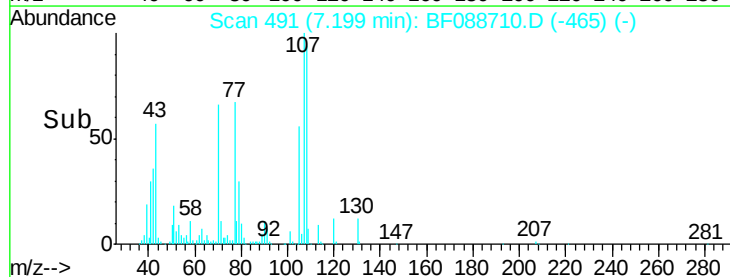
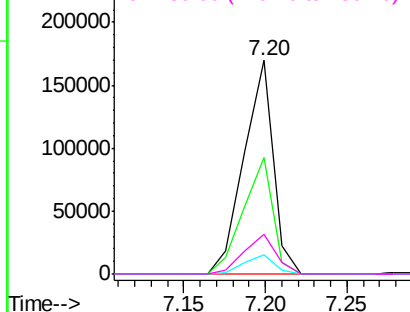


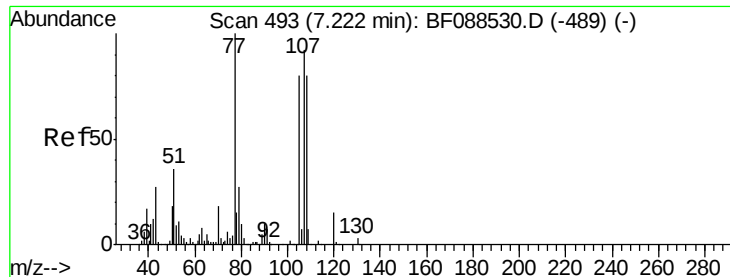
#19
n-Nitroso-di-n-propylamine
Concen: 35.54 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion: 70 Resp: 211514
Ion Ratio Lower Upper
70 100
42 54.3 49.6 74.4
101 9.2 7.1 10.7
130 18.4 15.4 23.2



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

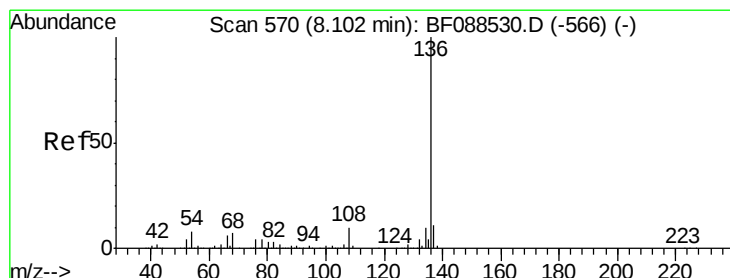
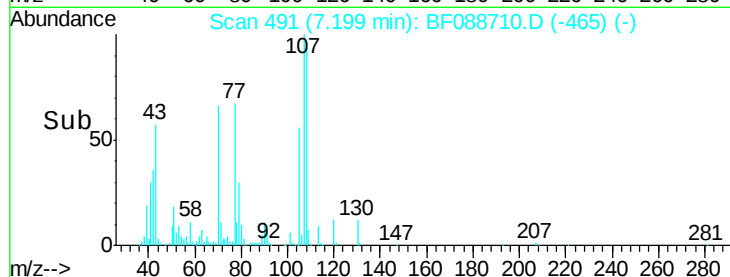
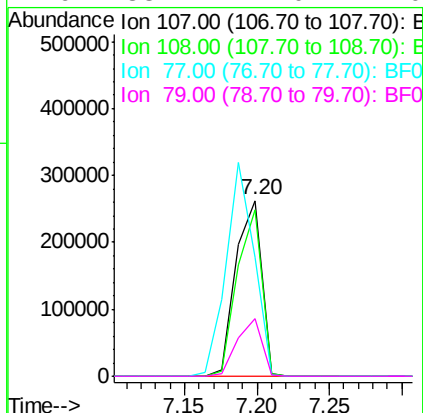
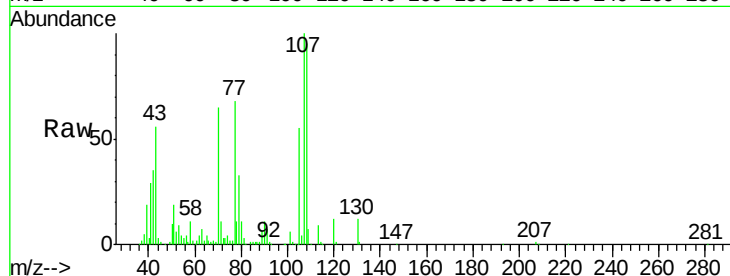




#20
3+4-Methylphenols
Concen: 45.04 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

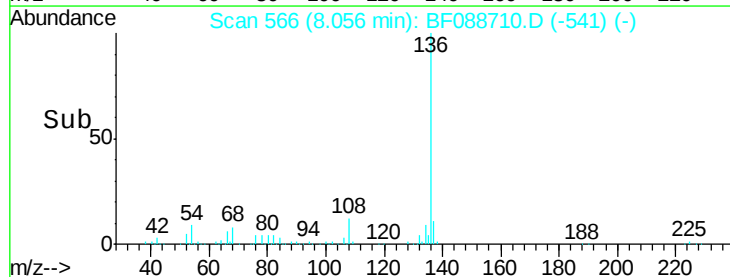
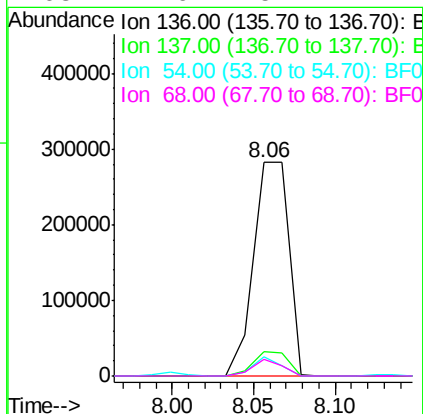
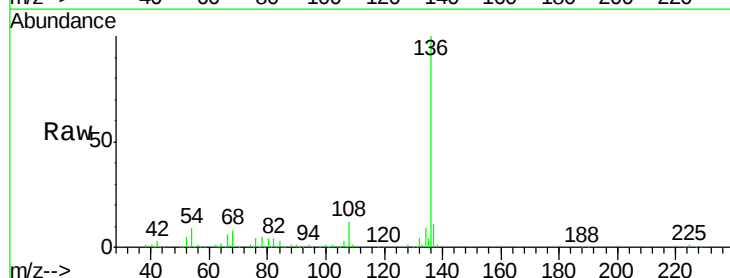
Instrument :
BNA_F
ClientSampleId :
PB91726BS

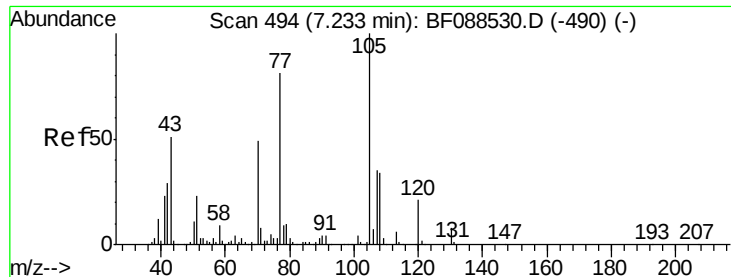
Tgt Ion:107 Resp: 324925
Ion Ratio Lower Upper
107 100
108 94.7 67.8 107.8
77 68.2 59.3 99.3
79 33.2 7.0 47.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion:136 Resp: 425558
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 9.2 6.6 10.0
68 7.6 5.1 7.7

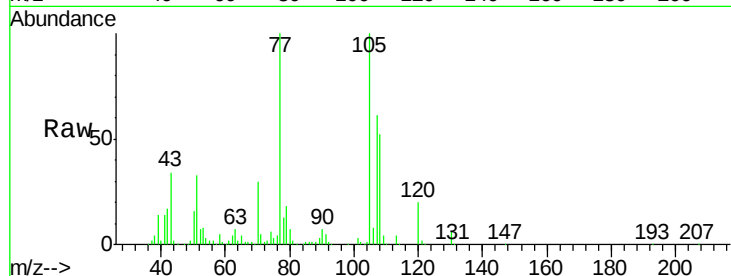




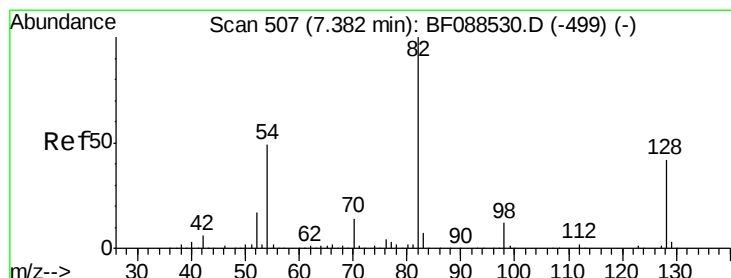
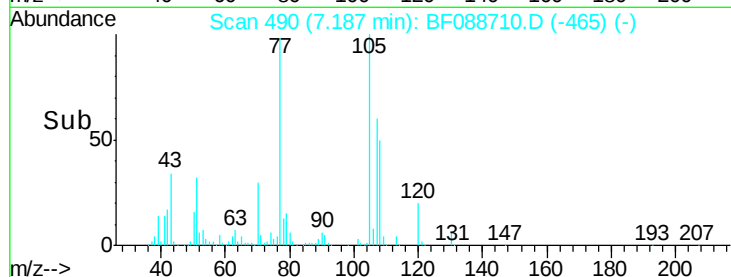
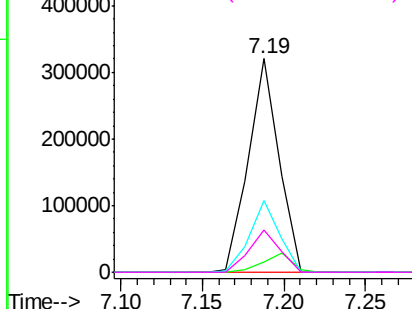
#22
Acetophenone
Concen: 40.26 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tgt Ion: 105 Resp: 415883
Ion Ratio Lower Upper
105 100
71 5.0 5.3 7.9#
51 33.4 18.2 27.4#
120 19.7 18.0 27.0

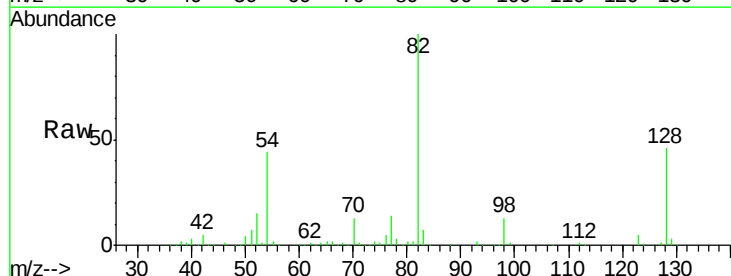


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

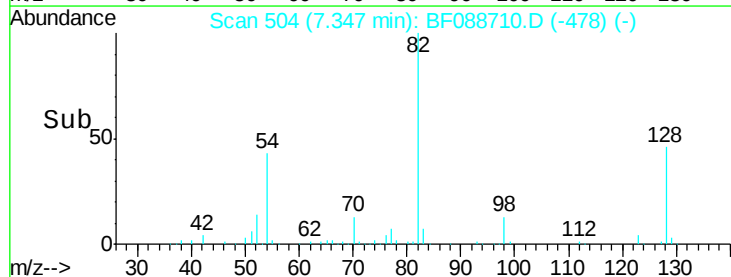
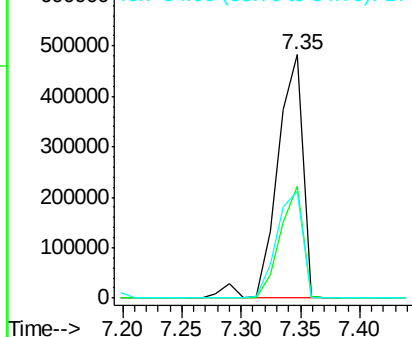


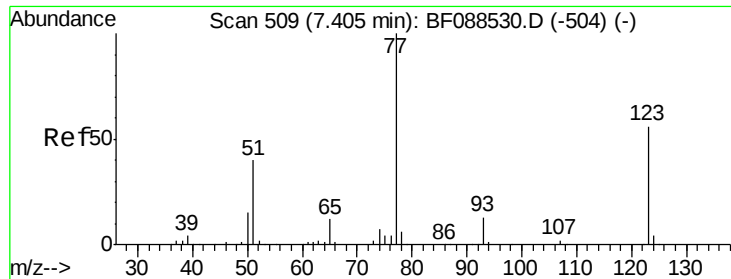
#23
Nitrobenzene-d5
Concen: 87.45 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion: 82 Resp: 710143
Ion Ratio Lower Upper
82 100
128 46.0 35.9 53.9
54 43.6 40.9 61.3



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





#24

Nitrobenzene

Concen: 37.81 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

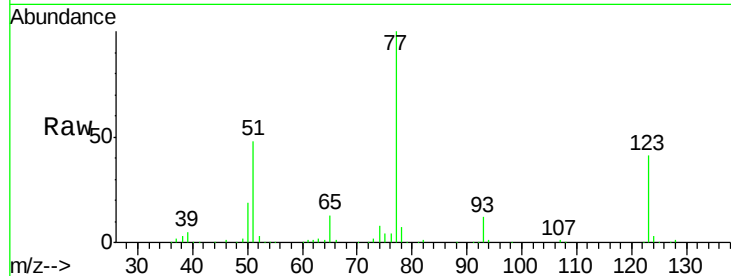
Tgt Ion: 77 Resp: 309607

Ion Ratio Lower Upper

77 100

123 40.7 45.0 67.4#

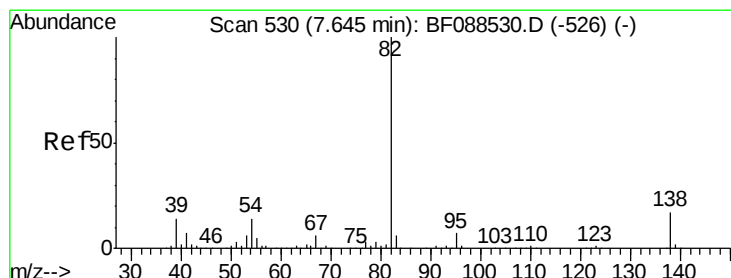
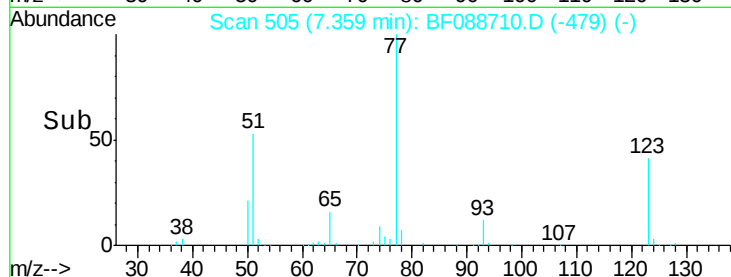
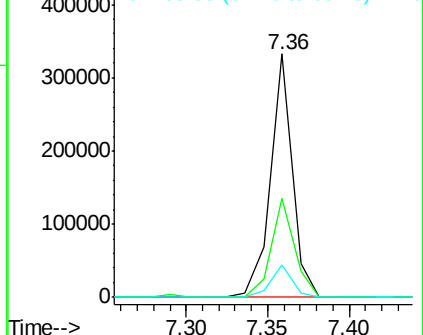
65 13.4 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 41.56 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

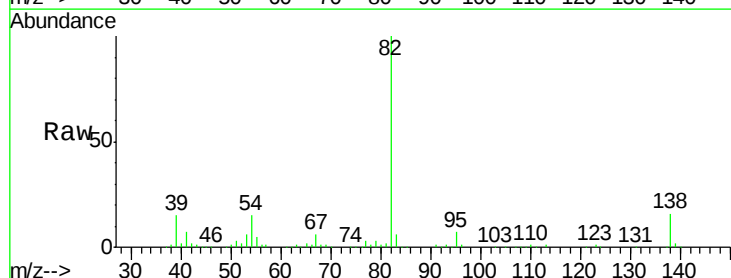
Tgt Ion: 82 Resp: 625169

Ion Ratio Lower Upper

82 100

95 7.3 5.4 8.2

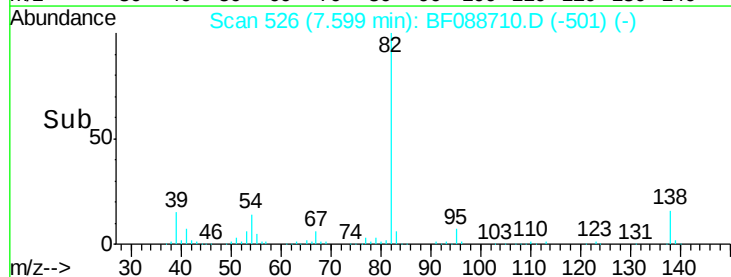
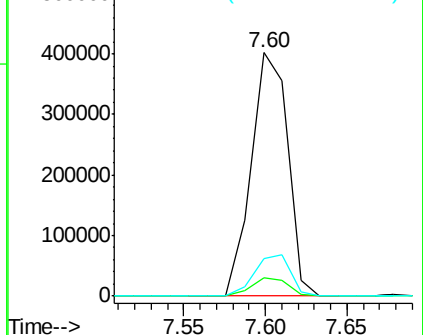
138 15.5 14.6 21.8

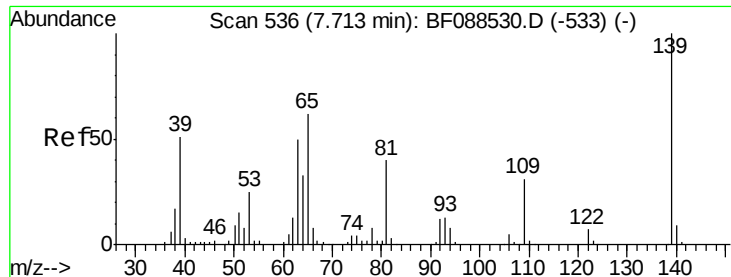


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

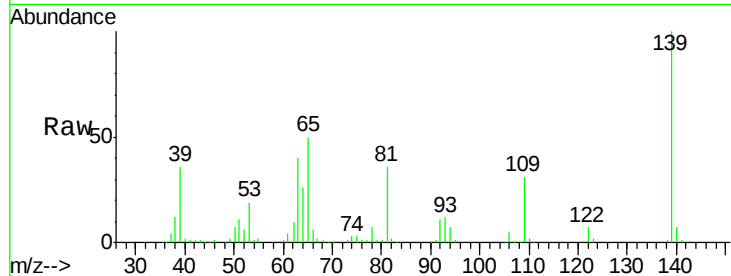




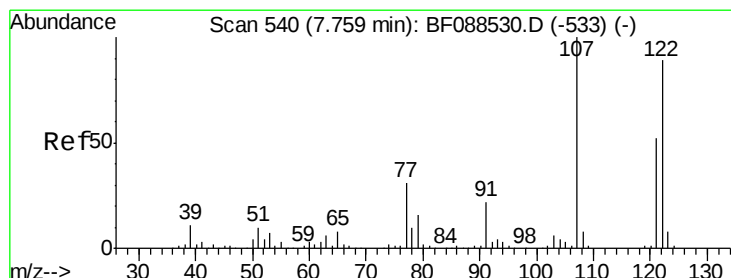
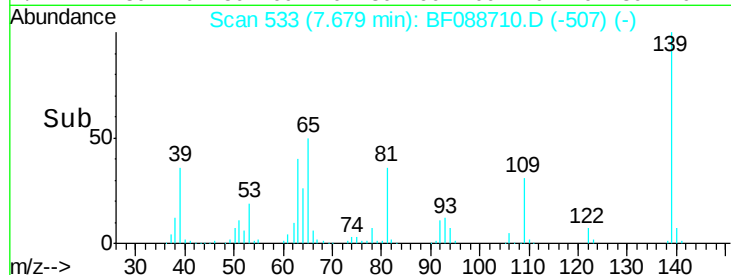
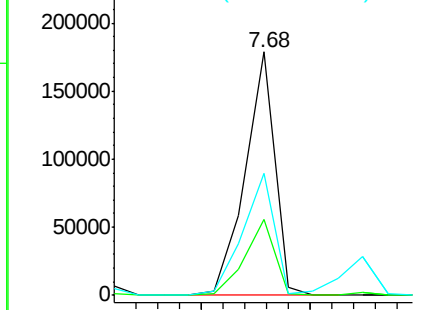
#26
 2-Nitrophenol
 Concen: 50.40 ng
 RT: 7.68 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tgt Ion:139 Resp: 169225
 Ion Ratio Lower Upper
 139 100
 109 31.1 23.0 34.4
 65 50.1 45.8 68.8

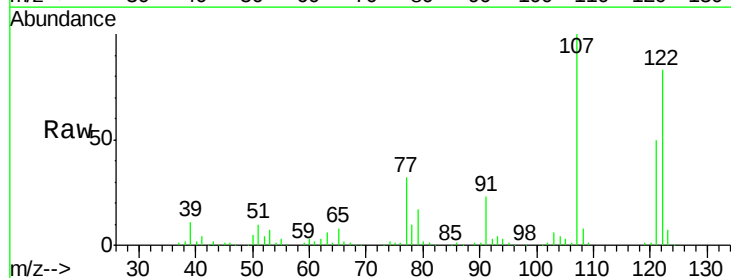


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

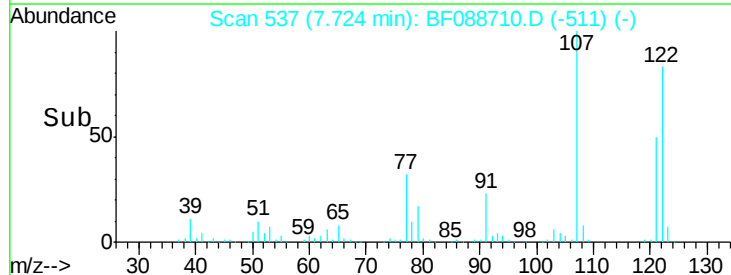
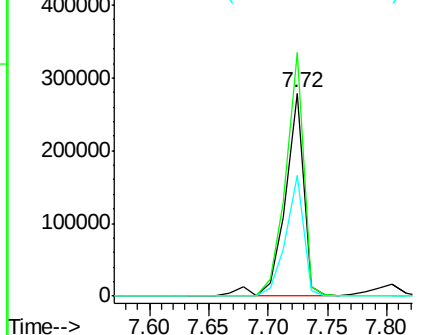


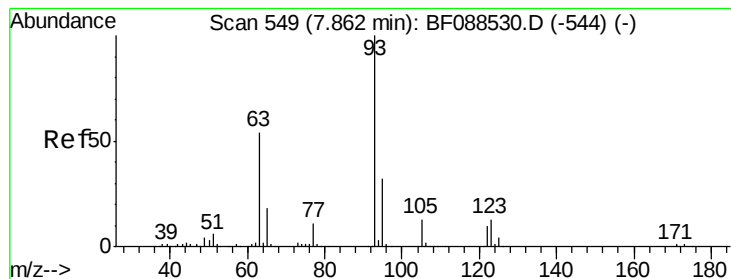
#27
 2,4-Dimethylphenol
 Concen: 43.02 ng
 RT: 7.72 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

Tgt Ion:122 Resp: 300825
 Ion Ratio Lower Upper
 122 100
 107 119.9 82.4 123.6
 121 59.7 46.3 69.5



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: 37.87 ng

RT: 7.82 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

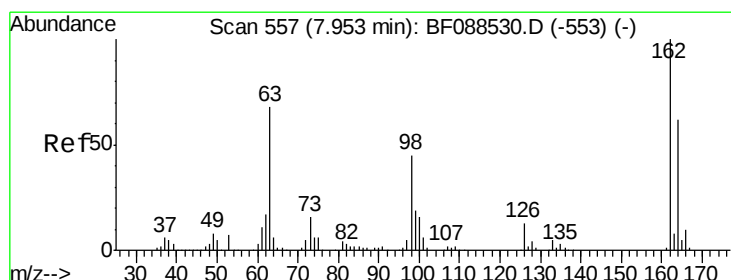
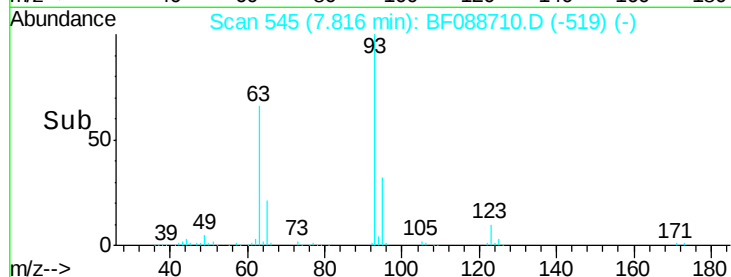
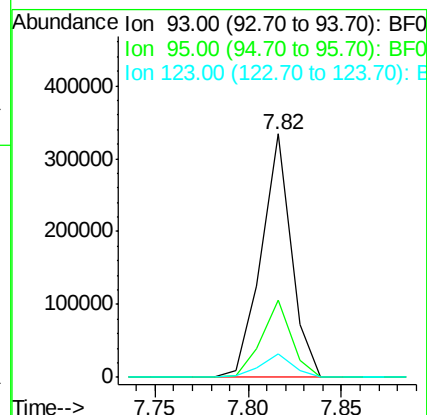
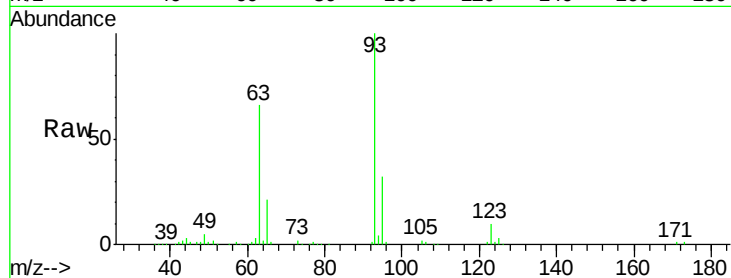
Tgt Ion: 93 Resp: 370710

Ion Ratio Lower Upper

93 100

95 31.8 26.5 39.7

123 9.8 11.6 17.4#



#29

2,4-Dichlorophenol

Concen: 42.18 ng

RT: 7.92 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

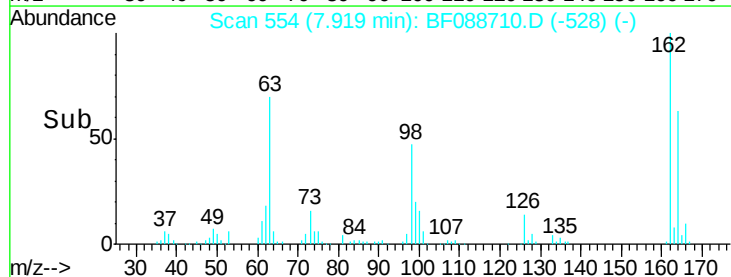
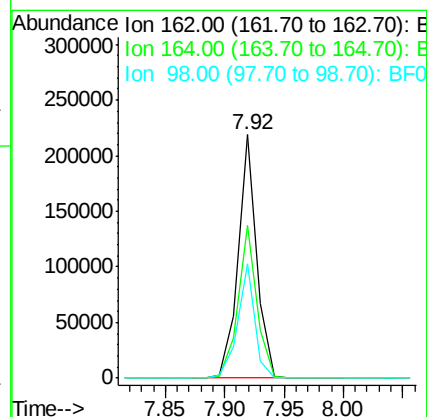
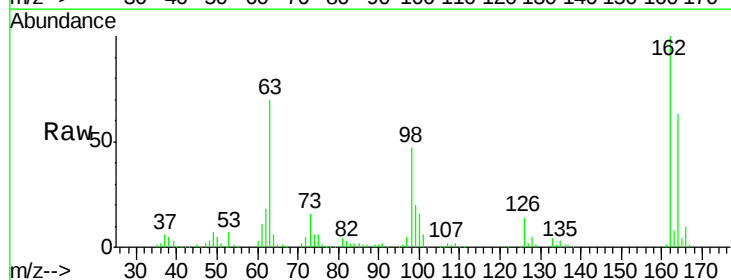
Tgt Ion: 162 Resp: 238405

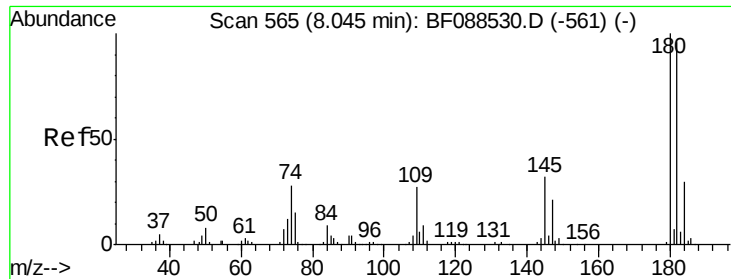
Ion Ratio Lower Upper

162 100

164 62.9 43.8 83.8

98 46.9 21.3 61.3

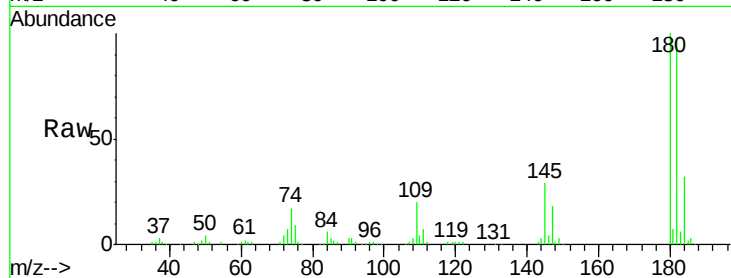




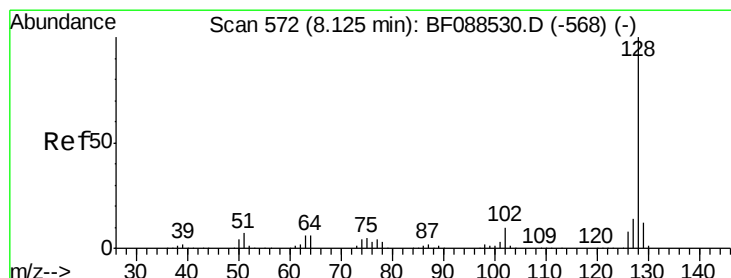
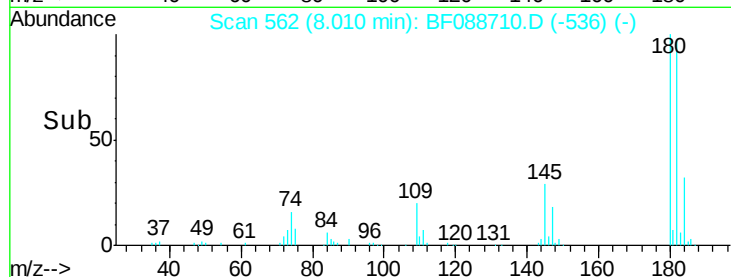
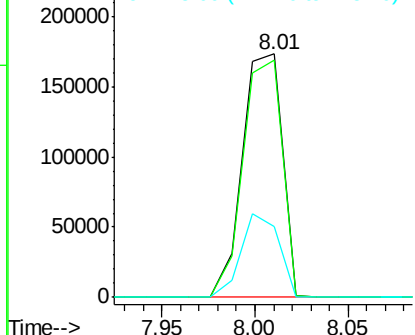
#30
 1,2,4-Trichlorobenzene
 Concen: 41.42 ng
 RT: 8.01 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tgt Ion:180 Resp: 256875
 Ion Ratio Lower Upper
 180 100
 182 97.2 76.0 114.0
 145 29.1 26.5 39.7

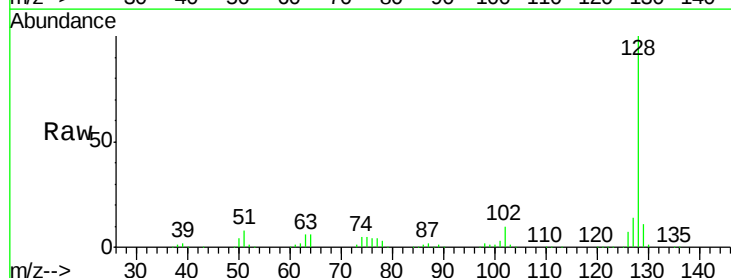


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

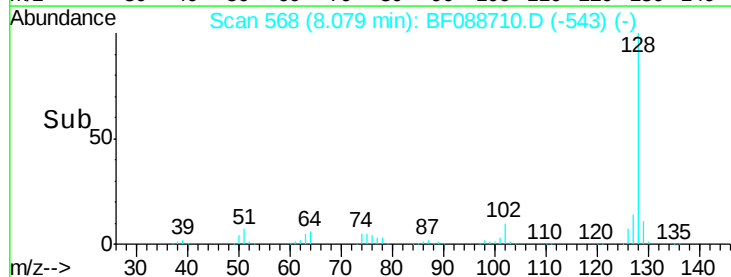
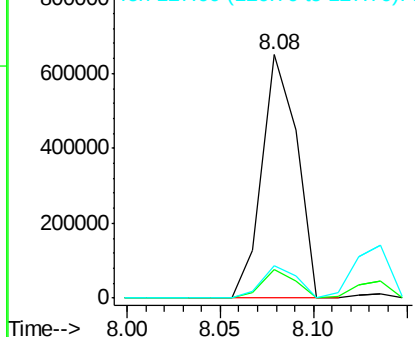


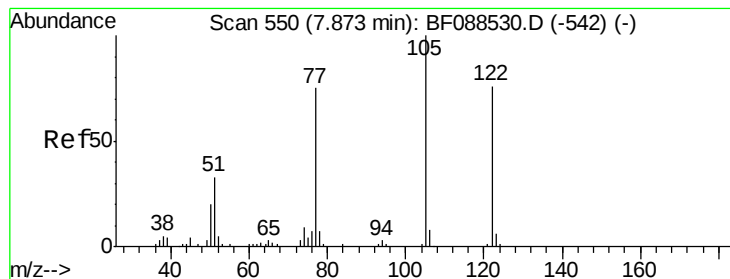
#31
 Naphthalene
 Concen: 40.26 ng
 RT: 8.08 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

Tgt Ion:128 Resp: 844611
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.4 14.2
 127 13.6 10.9 16.3



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





#32

Benzoic acid

Concen: 6.82 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.06 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

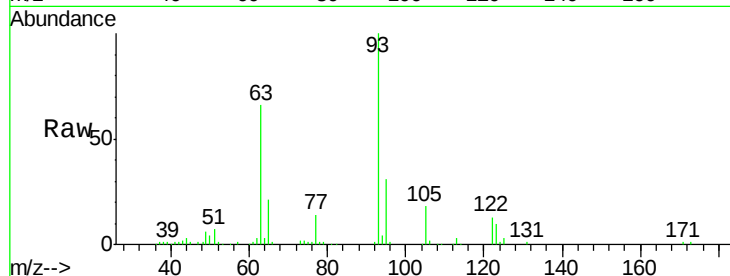
Tgt Ion:122 Resp: 34619

Ion Ratio Lower Upper

122 100

105 132.4 101.6 141.6

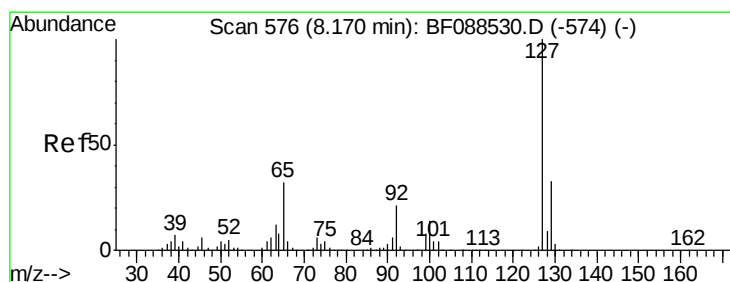
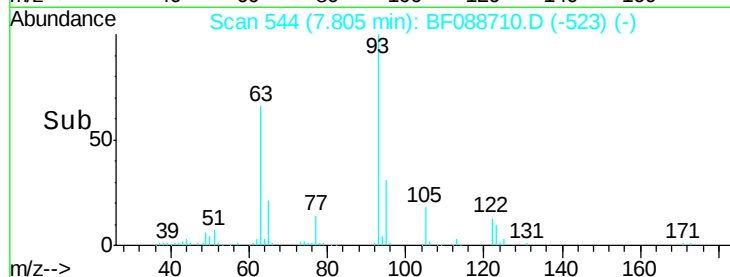
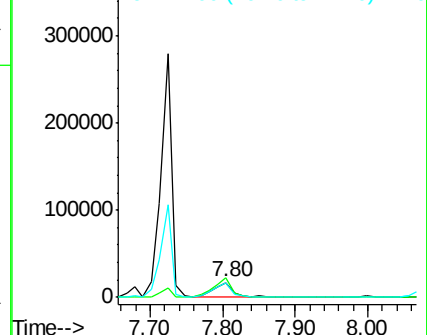
77 101.9 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 20.23 ng

RT: 8.14 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Tgt Ion:127 Resp: 188826

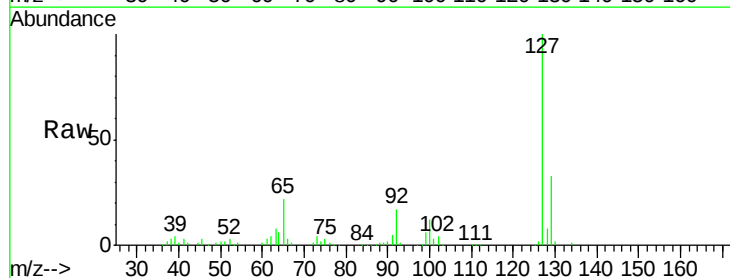
Ion Ratio Lower Upper

127 100

129 33.0 26.3 39.5

65 22.0 24.7 37.1#

92 16.8 15.4 23.0

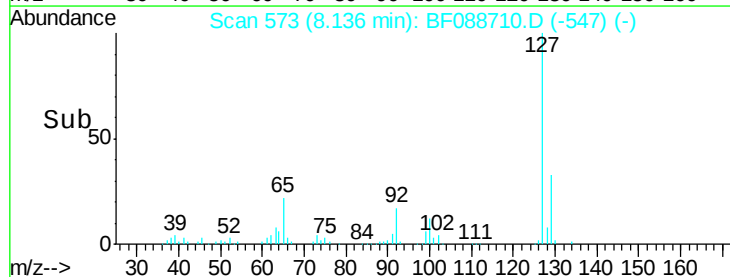
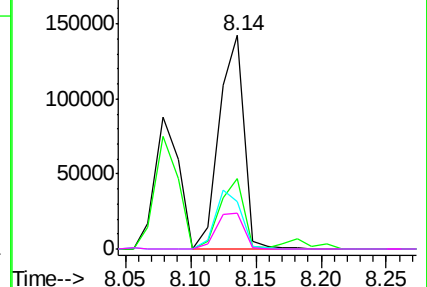


Abundance Ion 127.00 (126.70 to 127.70): E

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

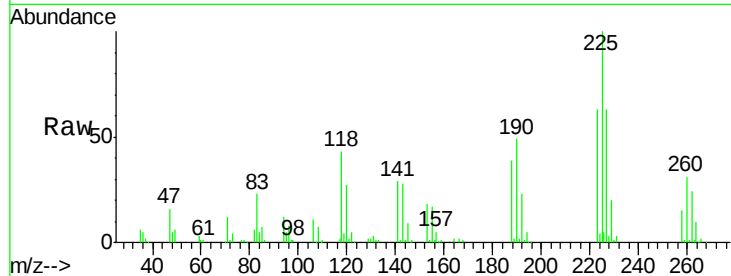




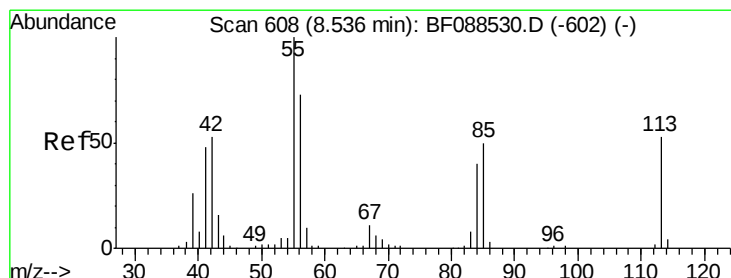
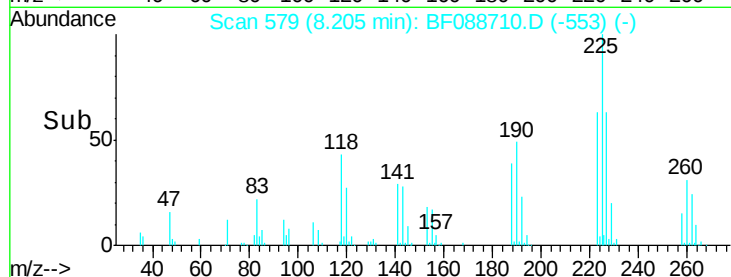
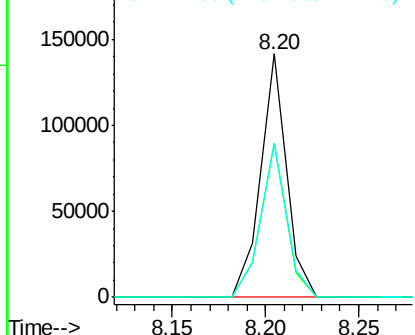
#34
Hexachlorobutadiene
Concen: 40.79 ng
RT: 8.20 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tgt Ion:225 Resp: 135454
Ion Ratio Lower Upper
225 100
223 63.2 50.9 76.3
227 63.4 51.9 77.9

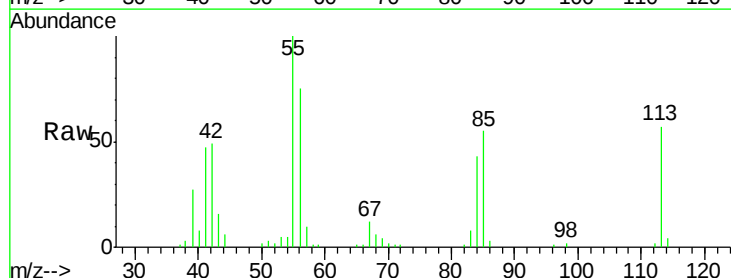


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

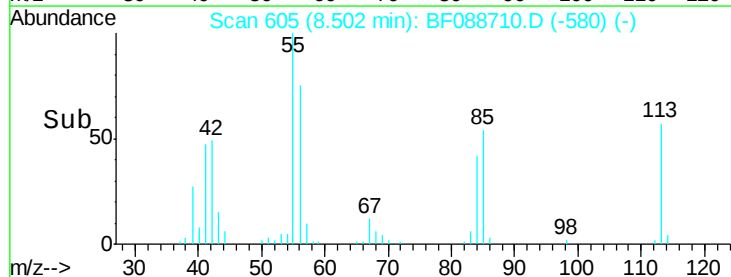
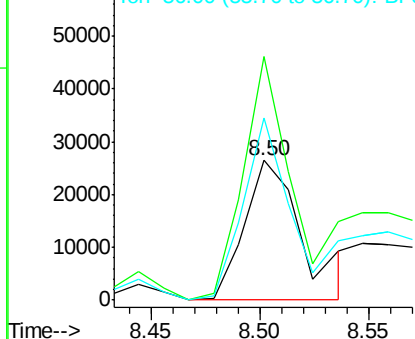


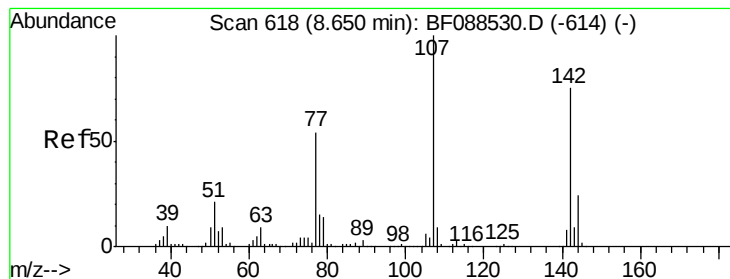
#35
Caprolactam
Concen: 25.48 ng
RT: 8.50 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion:113 Resp: 48903
Ion Ratio Lower Upper
113 100
55 174.7 158.6 198.6
56 131.0 110.6 150.6



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 44.97 ng

RT: 8.62 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

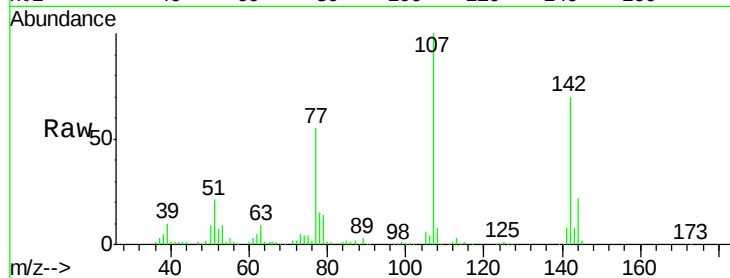
Tgt Ion:107 Resp: 300562

Ion Ratio Lower Upper

107 100

144 22.4 20.8 31.2

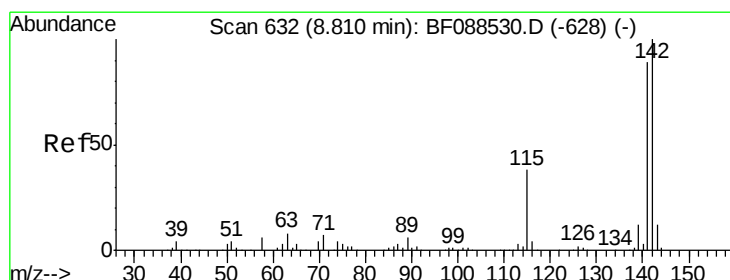
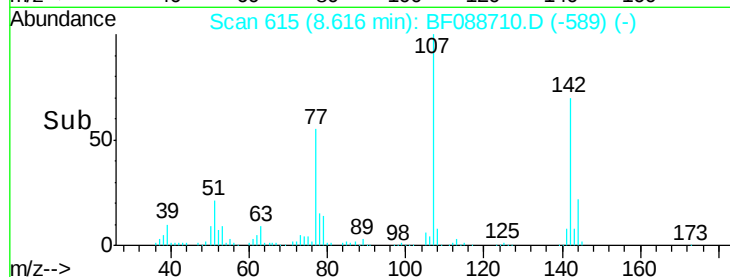
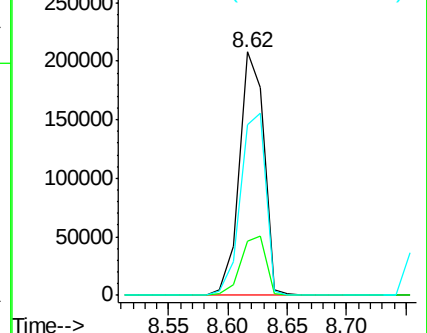
142 70.3 63.4 95.2



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 44.42 ng

RT: 8.78 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

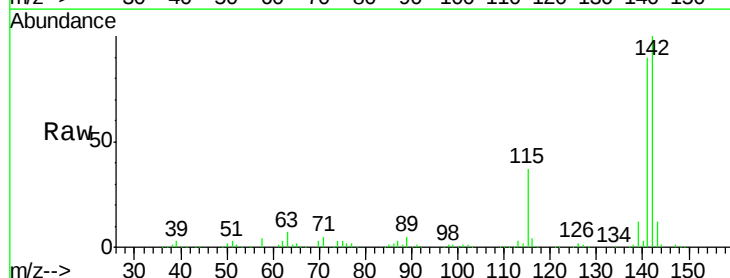
Tgt Ion:142 Resp: 600063

Ion Ratio Lower Upper

142 100

141 90.2 71.0 106.6

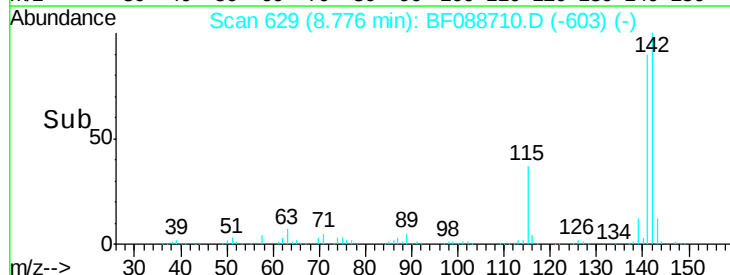
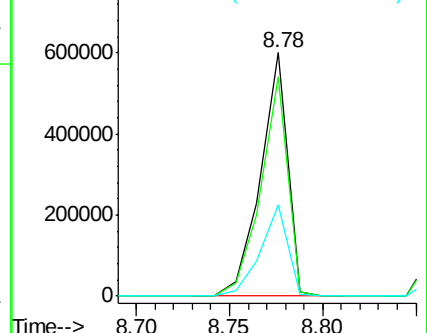
115 37.3 22.6 33.8#

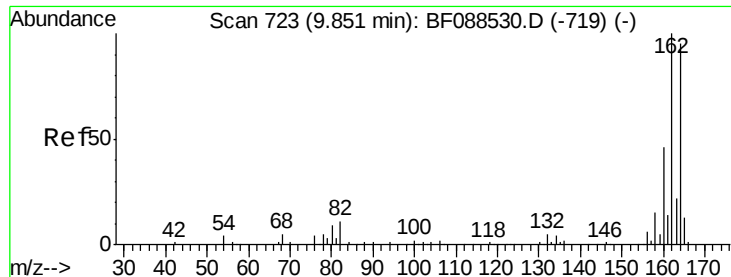


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampled :

PB91726BS

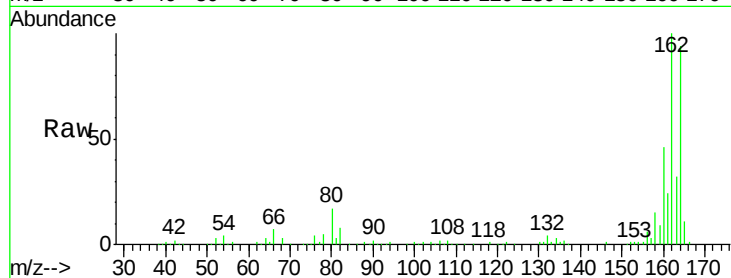
Tgt Ion:164 Resp: 211867

Ion Ratio Lower Upper

164 100

162 106.5 85.4 128.2

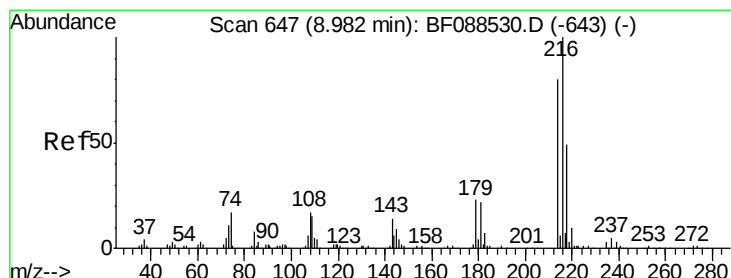
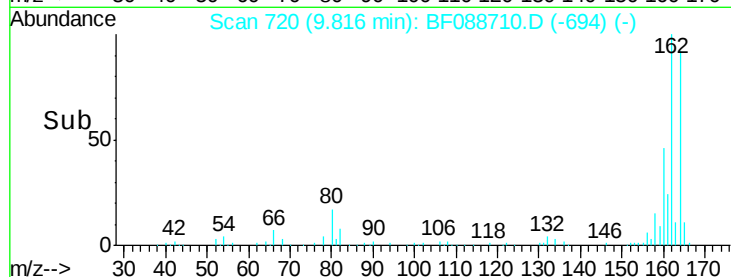
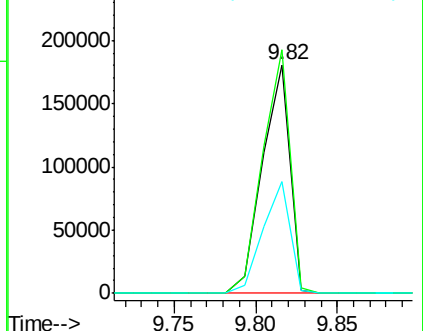
160 49.1 39.5 59.3



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: 32.67 ng

RT: 8.95 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Tgt Ion:216 Resp: 230219

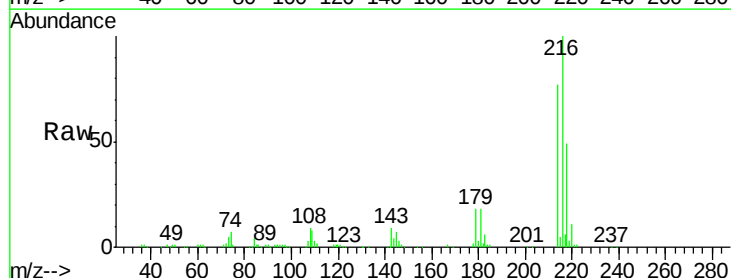
Ion Ratio Lower Upper

216 100

214 78.6 2.9 4.3#

179 22.2 0.0 0.0#

108 23.5 0.5 0.7#

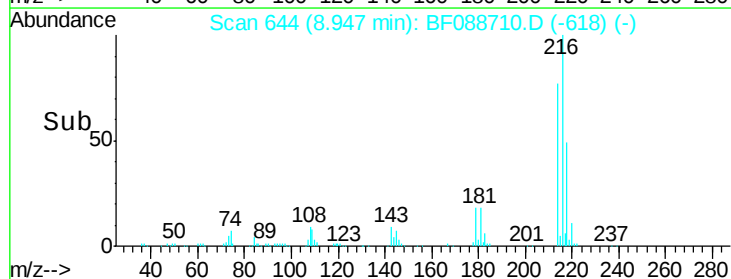
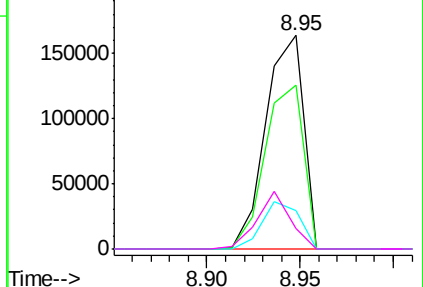


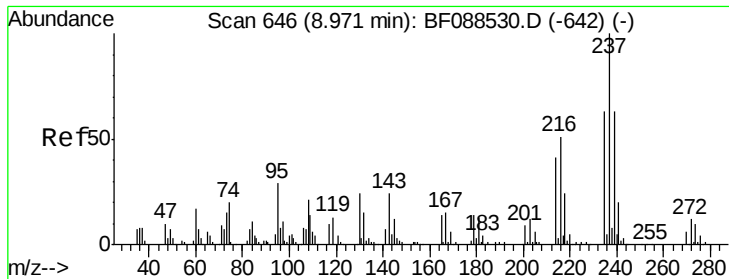
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 79.20 ng

RT: 8.94 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

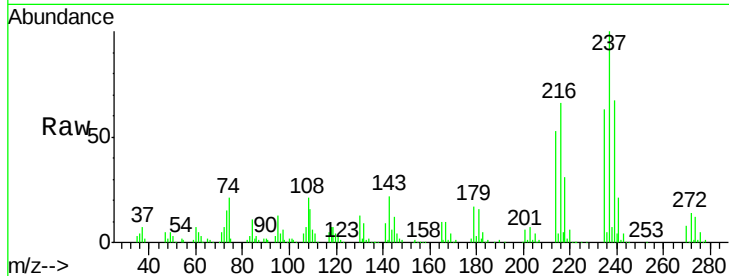
Tgt Ion:237 Resp: 273927

Ion Ratio Lower Upper

237 100

235 62.6 43.4 83.4

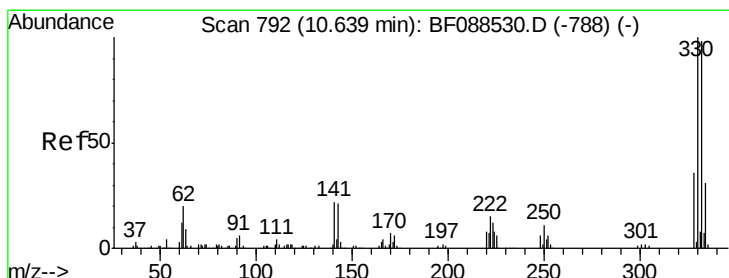
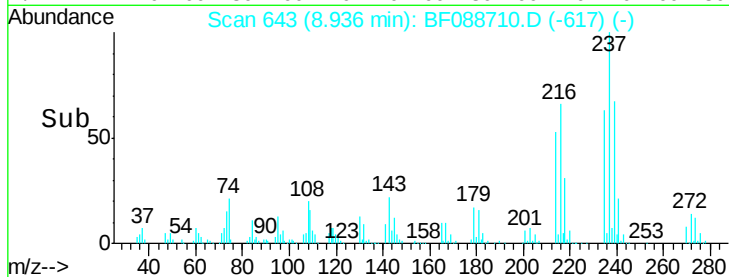
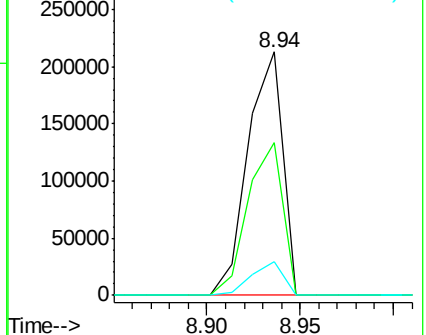
272 14.1 0.0 32.3



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: 150.44 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

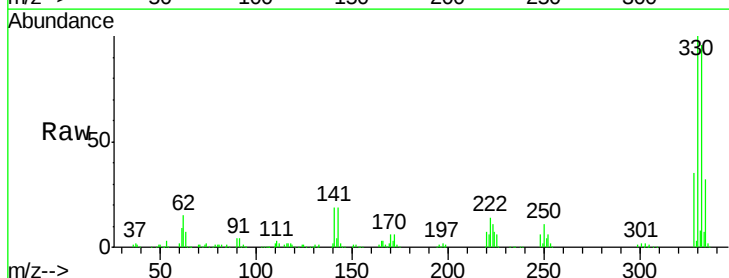
Tgt Ion:330 Resp: 295974

Ion Ratio Lower Upper

330 100

332 95.4 0.0 0.0#

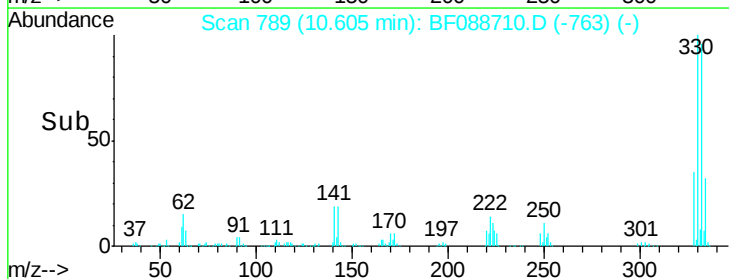
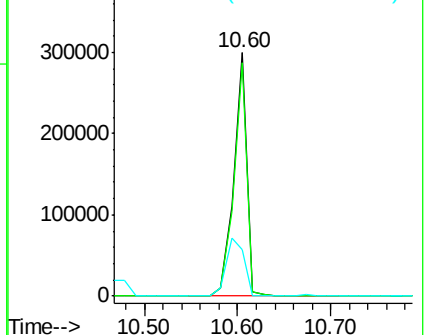
141 32.6 0.0 0.0#

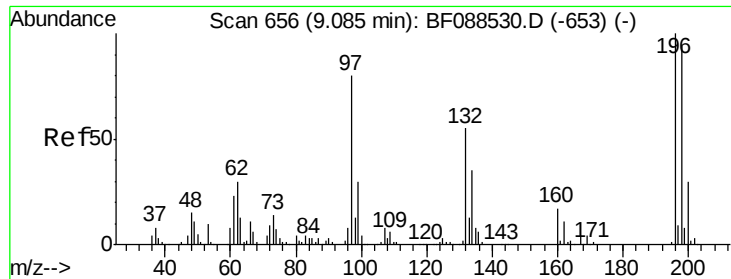


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

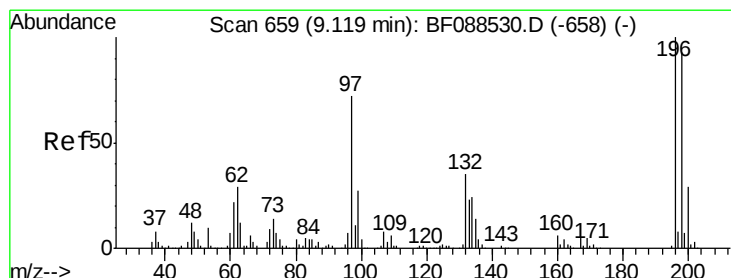
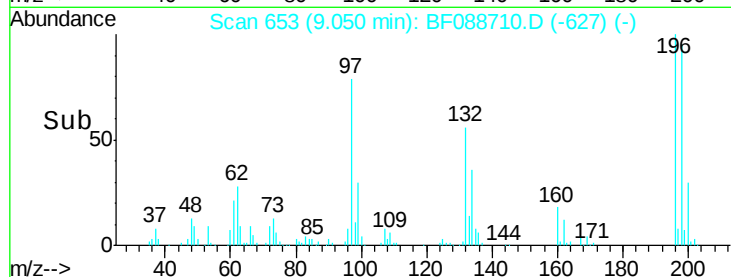
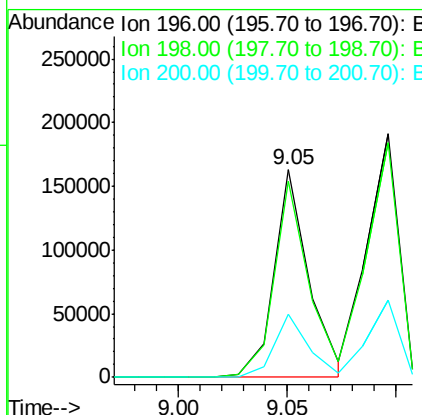
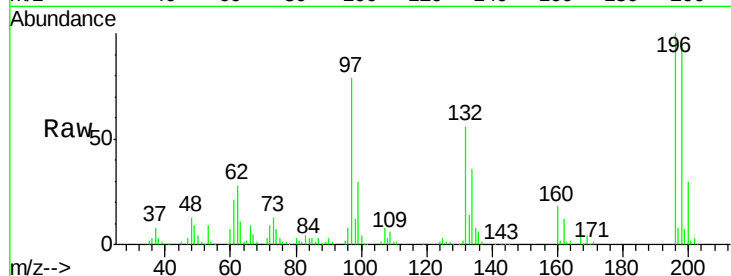




#42
 2,4,6-Trichlorophenol
 Concen: 39.24 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

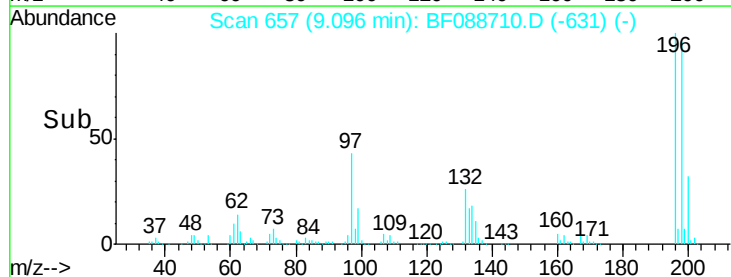
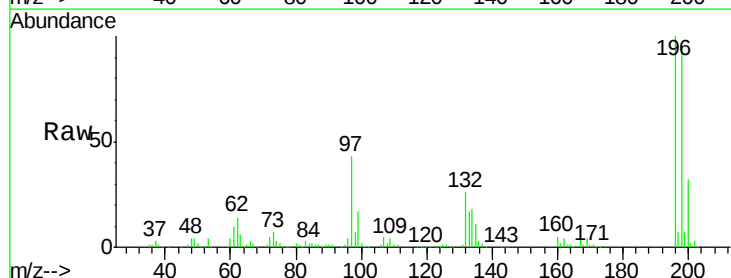
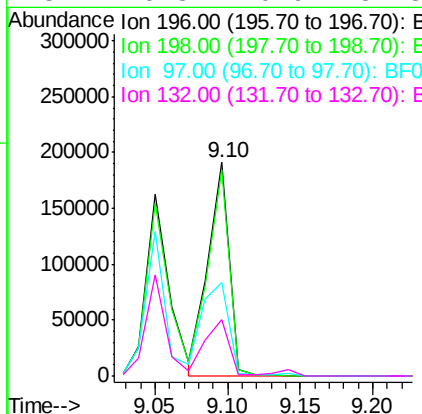
Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

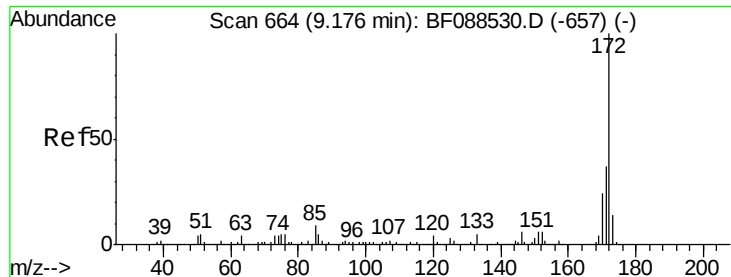
Tgt Ion:196 Resp: 182329
 Ion Ratio Lower Upper
 196 100
 198 94.6 78.0 117.0
 200 30.3 25.4 38.2



#43
 2,4,5-Trichlorophenol
 Concen: 48.86 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

Tgt Ion:196 Resp: 195313
 Ion Ratio Lower Upper
 196 100
 198 96.3 77.5 116.3
 97 43.5 32.0 48.0
 132 26.3 20.9 31.3





#44

2-Fluorobiphenyl

Concen: 87.64 ng

RT: 9.14 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

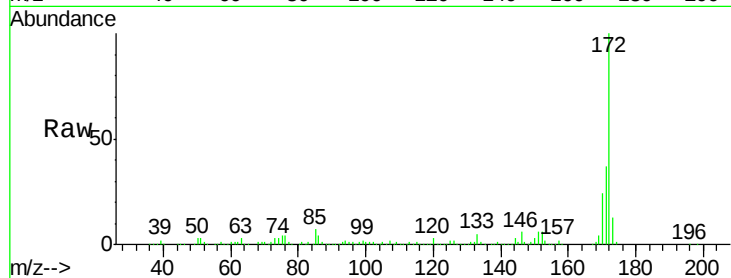
Tgt Ion:172 Resp: 1175542

Ion Ratio Lower Upper

172 100

171 36.6 28.6 43.0

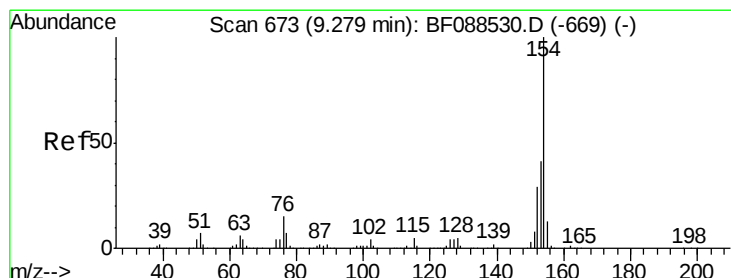
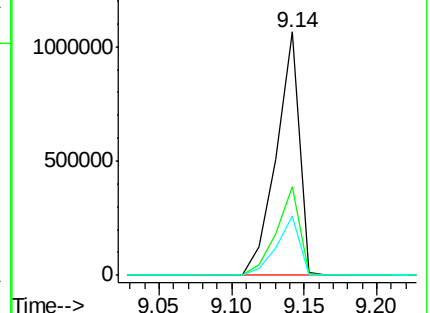
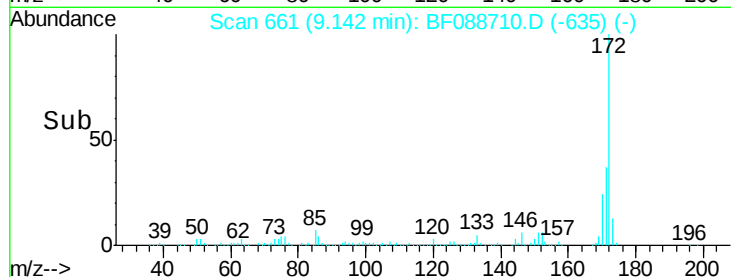
170 24.3 19.2 28.8



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: 38.55 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

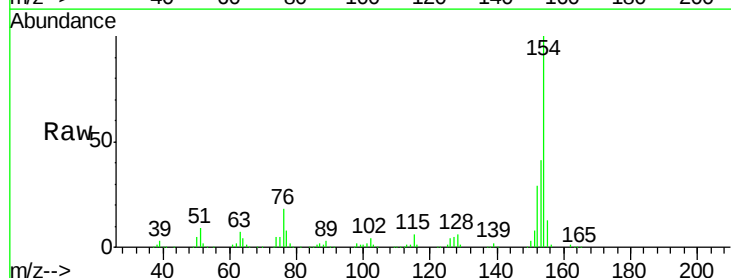
Tgt Ion:154 Resp: 676283

Ion Ratio Lower Upper

154 100

153 40.8 20.6 60.6

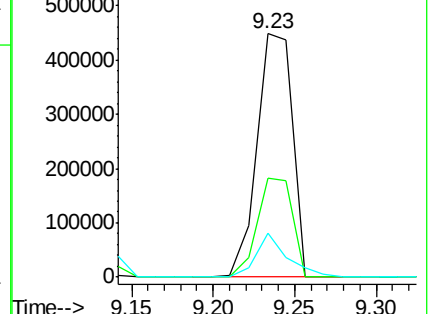
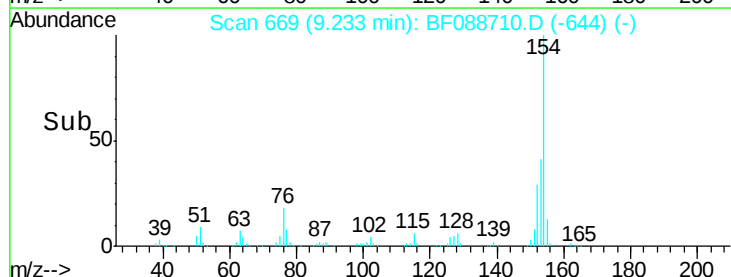
76 17.8 0.0 35.1

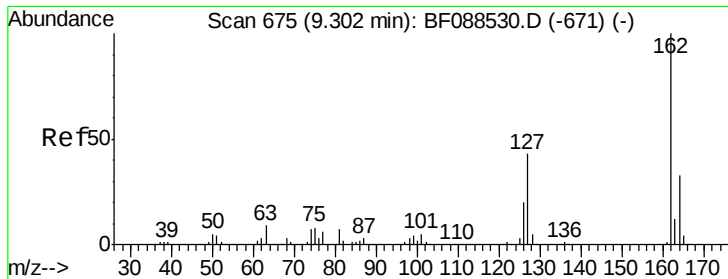


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

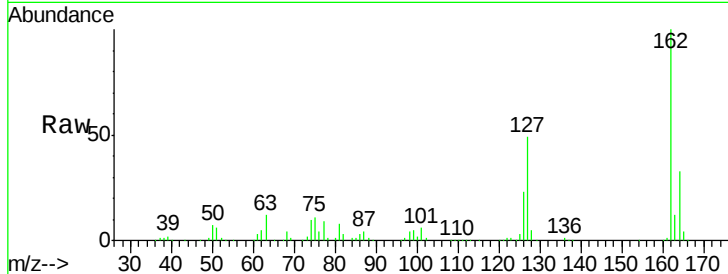




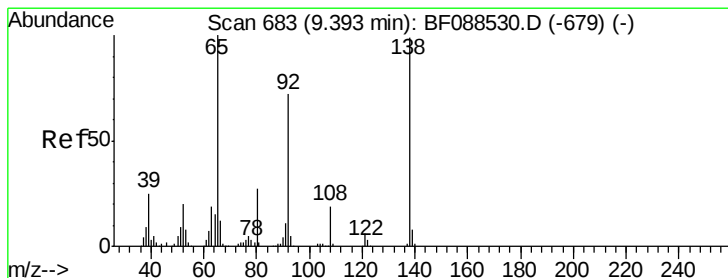
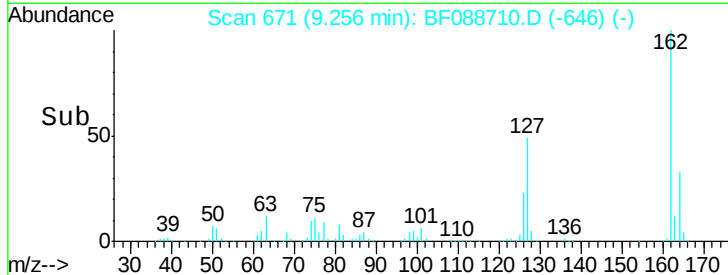
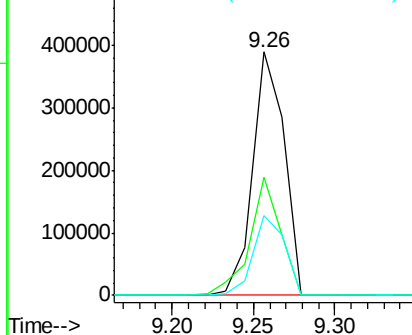
#46
2-Chloronaphthalene
Concen: 37.76 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tgt Ion: 162 Resp: 520022
Ion Ratio Lower Upper
162 100
127 48.5 35.2 52.8
164 32.5 26.6 39.8

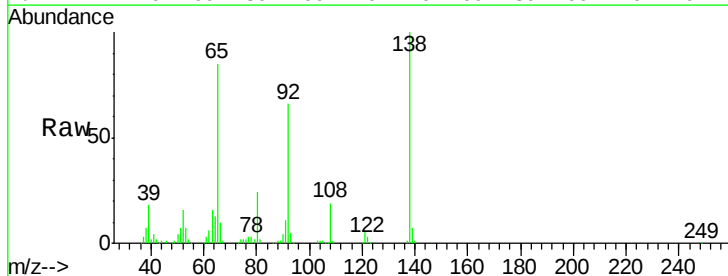


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

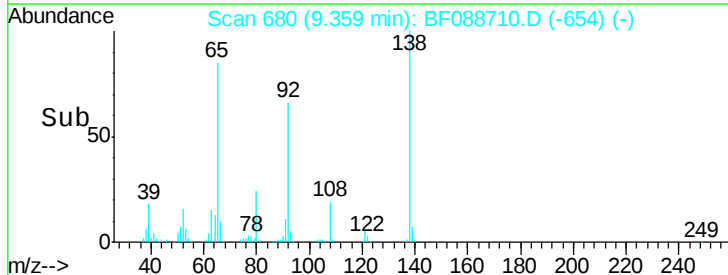
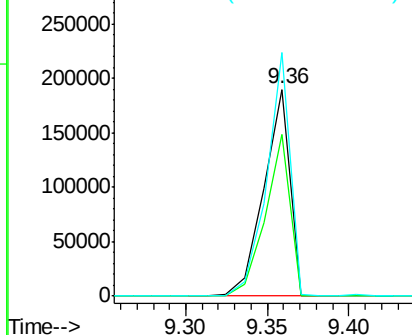


#47
2-Nitroaniline
Concen: 43.19 ng
RT: 9.36 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion: 65 Resp: 211088
Ion Ratio Lower Upper
65 100
92 78.0 54.6 82.0
138 117.7 77.0 115.4#



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





#48

Acenaphthylene

Concen: 41.48 ng

RT: 9.68 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

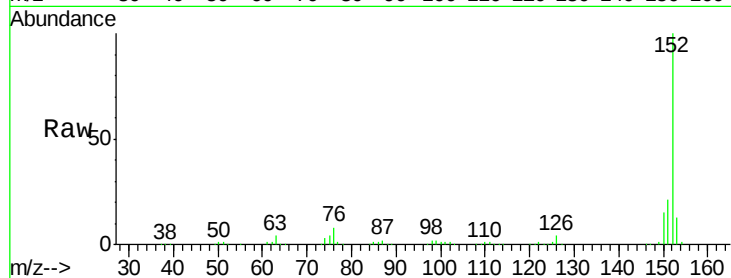
Tgt Ion:152 Resp: 908915

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

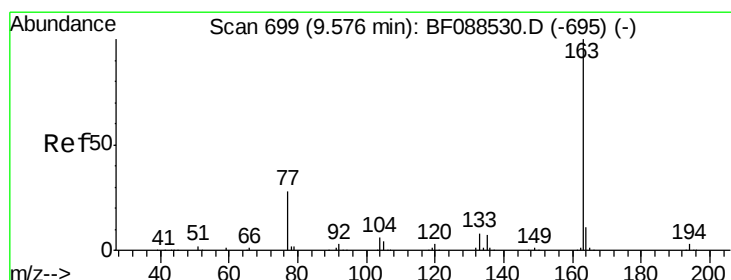
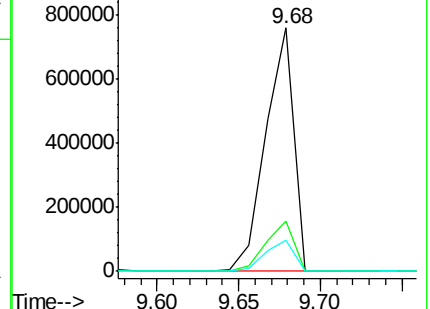
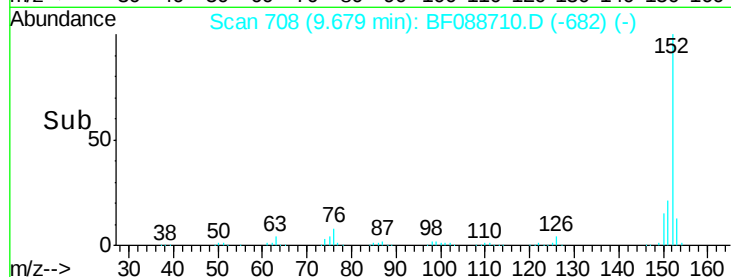
153 12.9 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 39.79 ng

RT: 9.54 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

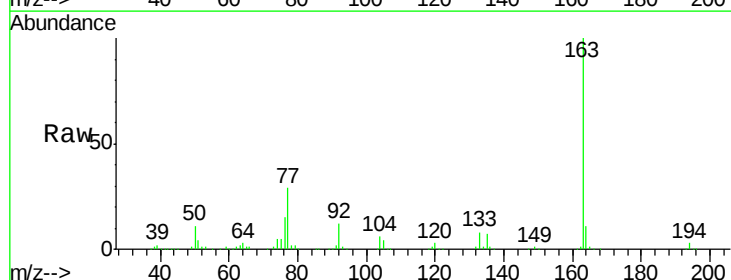
Tgt Ion:163 Resp: 600651

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

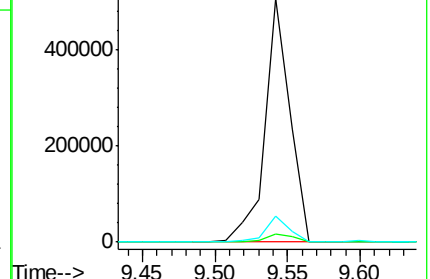
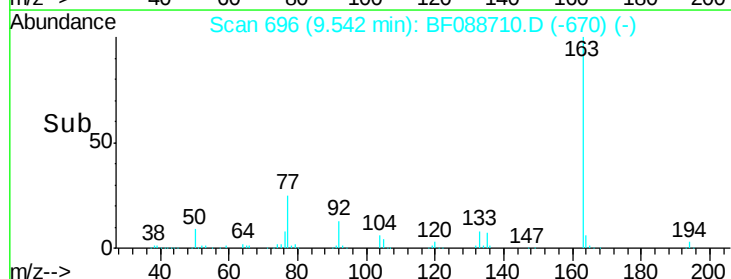
164 10.8 8.3 12.5

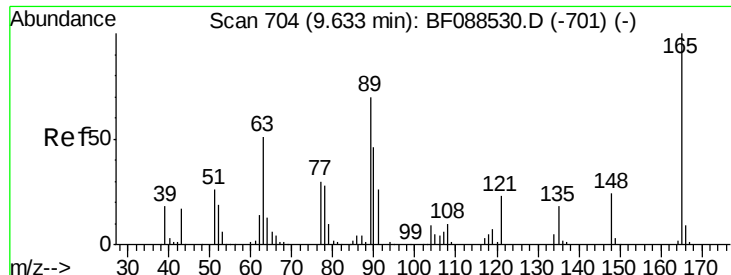


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

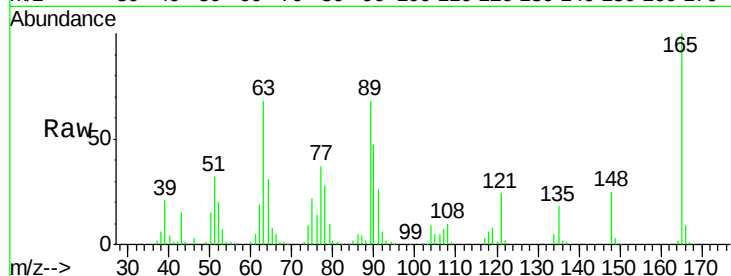




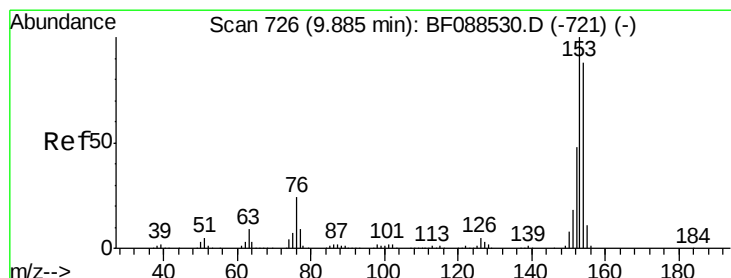
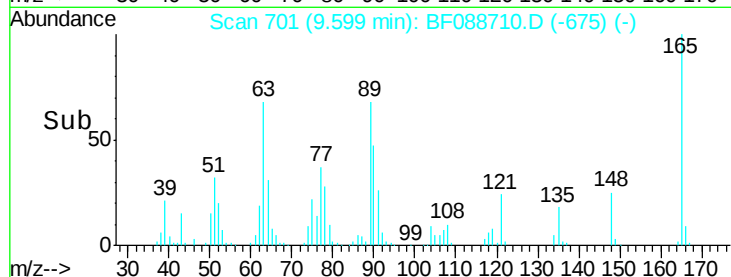
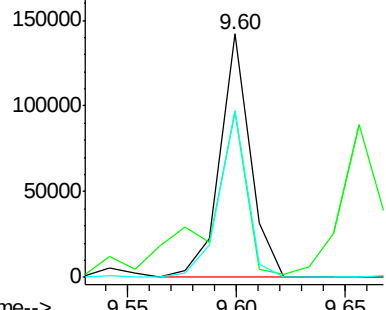
#50
2,6-Dinitrotoluene
Concen: 41.03 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tgt Ion:165 Resp: 137243
Ion Ratio Lower Upper
165 100
63 68.0 28.1 42.1#
89 68.5 32.2 48.2#

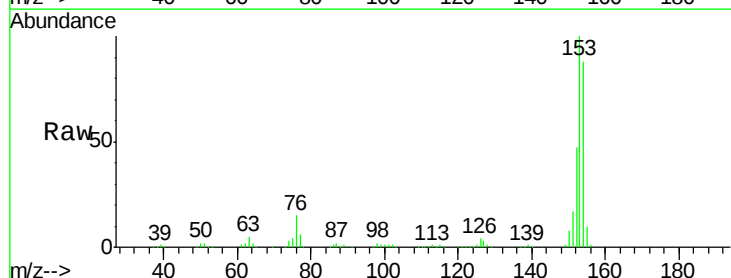


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

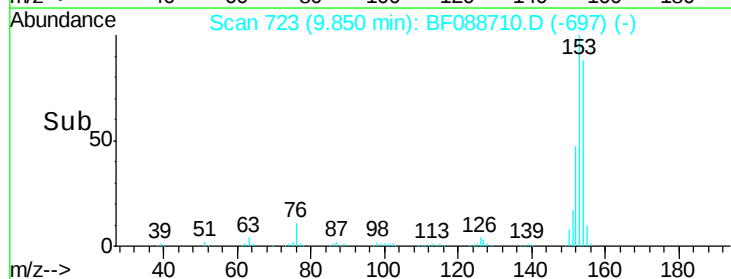
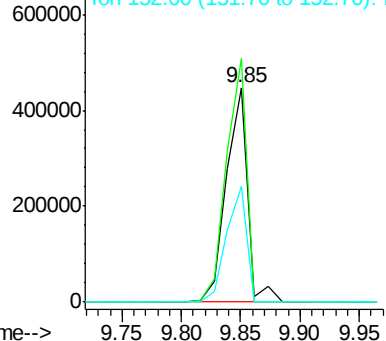


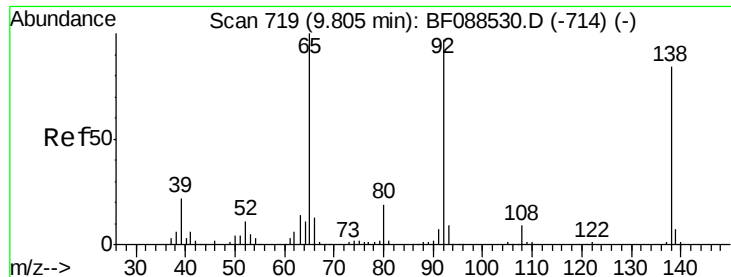
#51
Acenaphthene
Concen: 41.82 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion:154 Resp: 561728
Ion Ratio Lower Upper
154 100
153 113.5 89.5 134.3
152 53.6 42.7 64.1



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

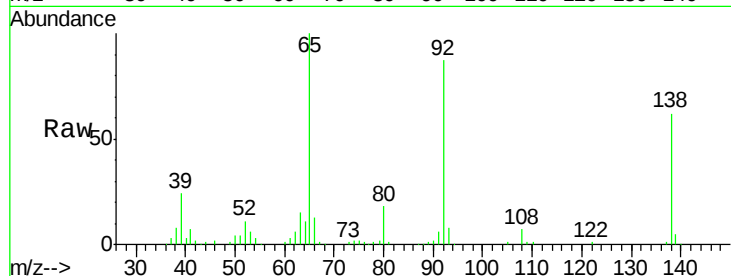




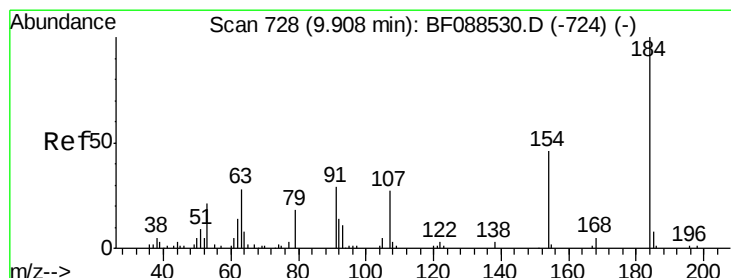
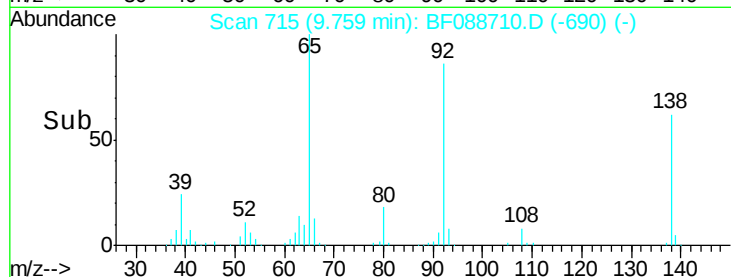
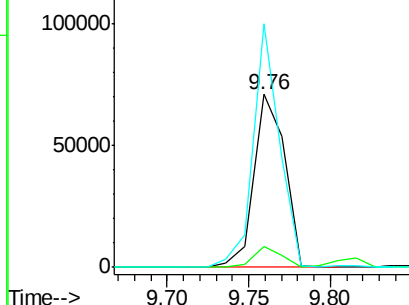
#52
 3-Nitroaniline
 Concen: 21.88 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tgt Ion:138 Resp: 93042
 Ion Ratio Lower Upper
 138 100
 108 12.1 8.5 12.7
 92 140.9 95.7 143.5

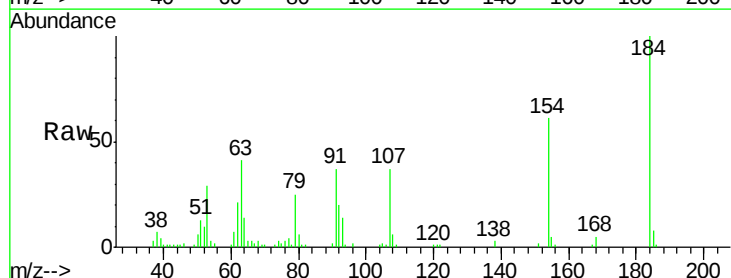


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

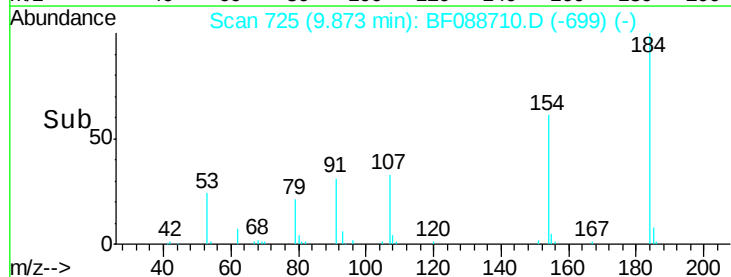
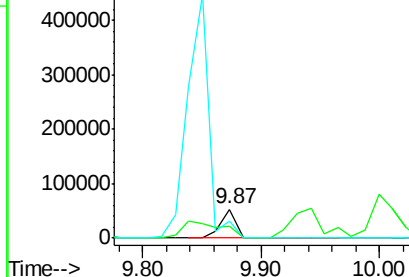


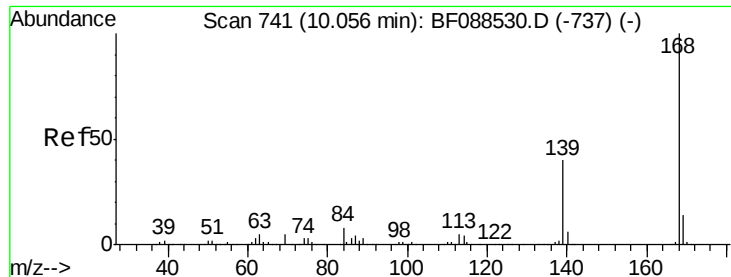
#53
 2,4-Dinitrophenol
 Concen: 32.16 ng
 RT: 9.87 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

Tgt Ion:184 Resp: 47504
 Ion Ratio Lower Upper
 184 100
 63 41.1 57.6 86.4#
 154 61.1 53.5 80.3



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

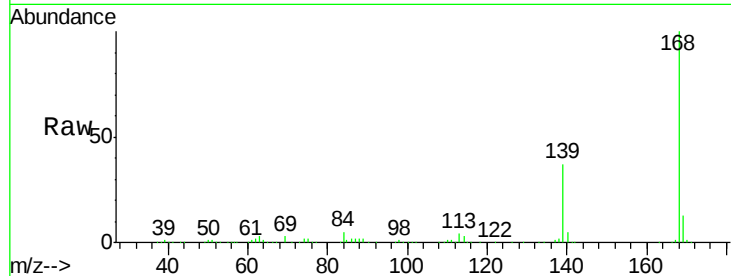




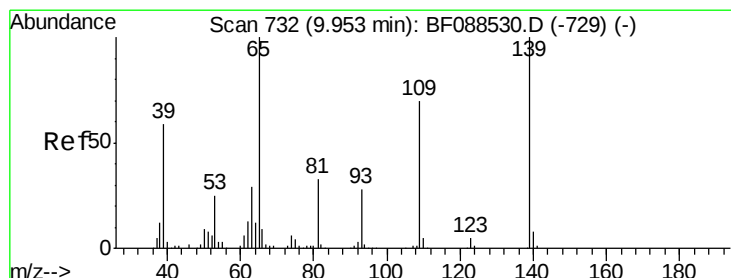
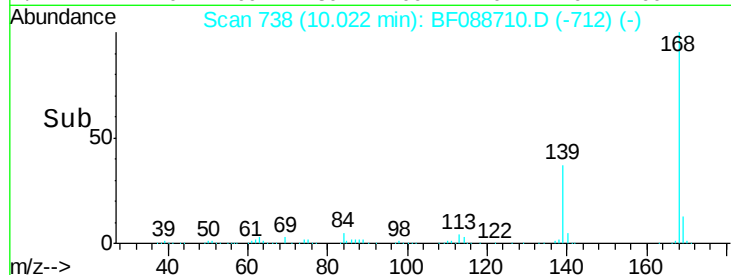
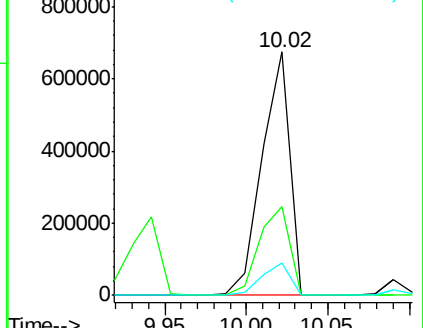
#54
Dibenzenofuran
Concen: 45.19 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tgt Ion:168 Resp: 794468
Ion Ratio Lower Upper
168 100
139 36.6 26.4 39.6
169 13.1 10.4 15.6

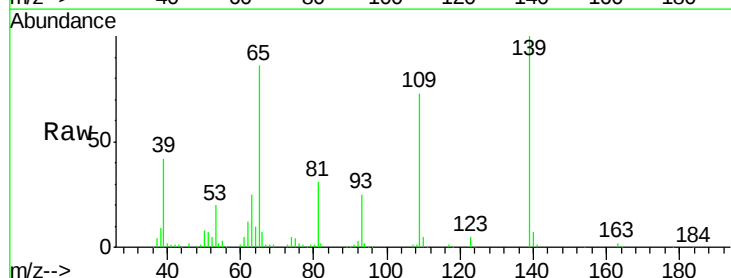


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

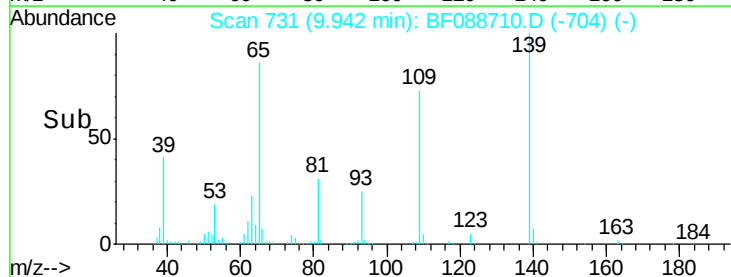
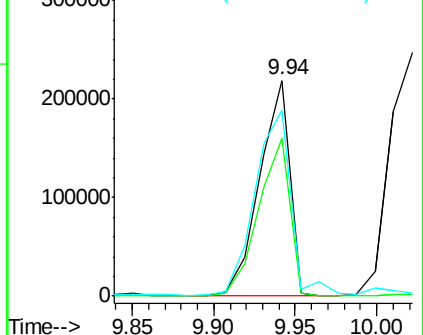


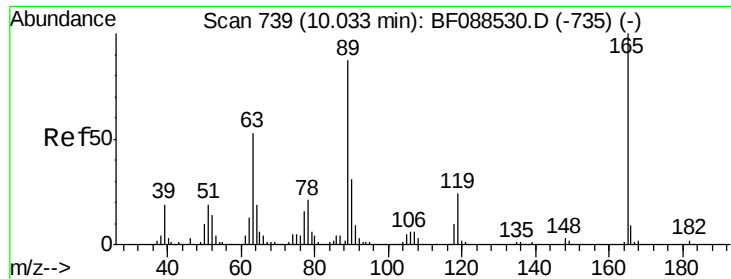
#55
4-Nitrophenol
Concen: 87.62 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion:139 Resp: 283151
Ion Ratio Lower Upper
139 100
109 73.2 48.9 88.9
65 86.5 84.9 124.9



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: 45.13 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

Tgt Ion:165 Resp: 197406

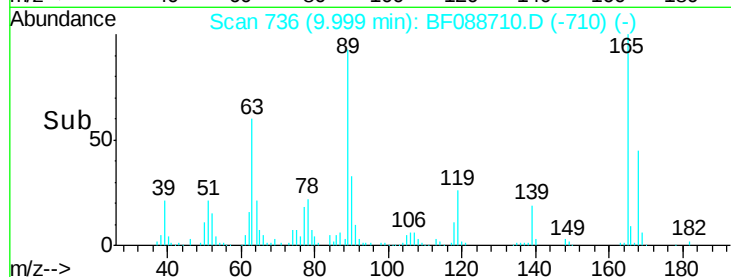
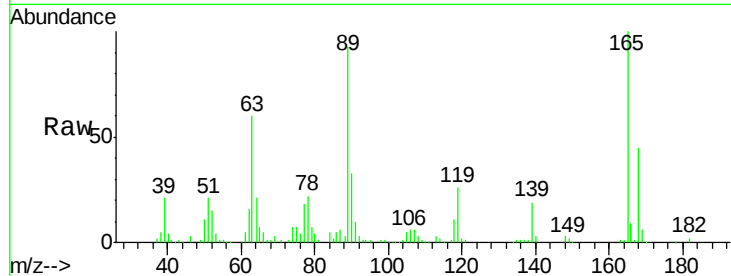
Ion Ratio Lower Upper

165 100

63 60.2 22.0 33.0#

89 92.9 41.1 61.7#

182 2.3 2.0 3.0

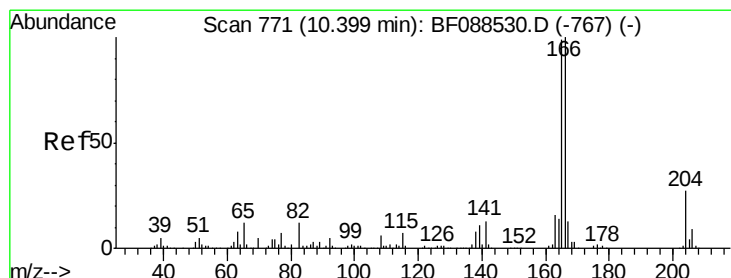
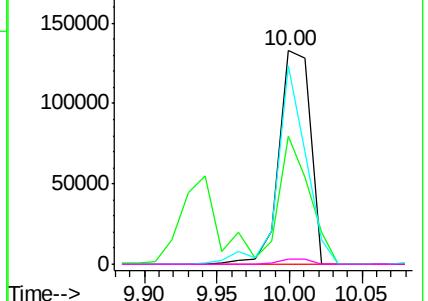


Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.81 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

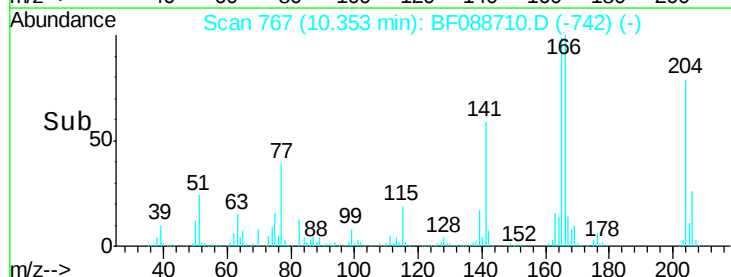
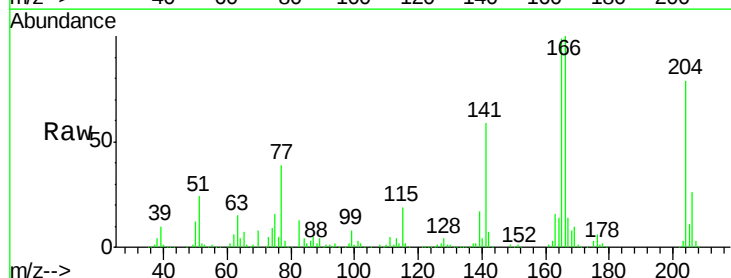
Tgt Ion:166 Resp: 566520

Ion Ratio Lower Upper

166 100

165 98.9 77.8 116.8

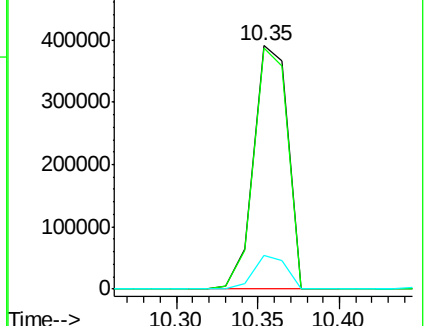
167 14.0 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

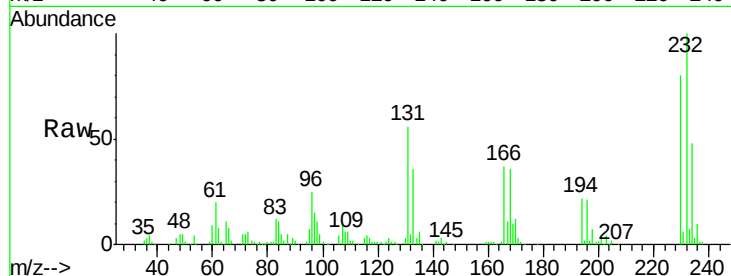




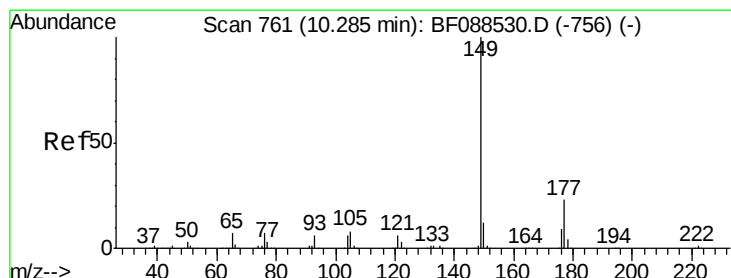
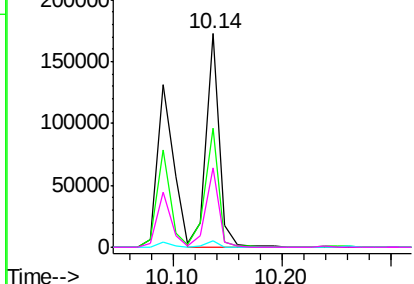
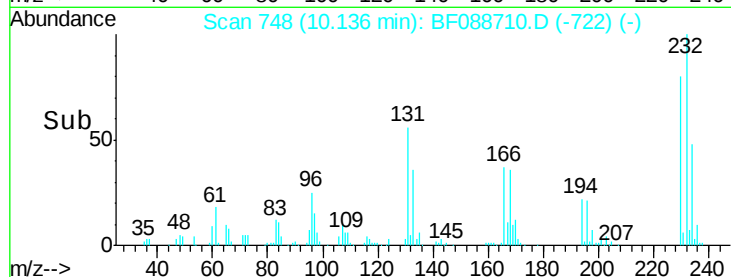
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.95 ng
 RT: 10.14 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

Tgt Ion:232 Resp: 148295
 Ion Ratio Lower Upper
 232 100
 131 56.8 0.9 1.3#
 130 2.7 1.5 2.3#
 166 36.3 0.5 0.7#

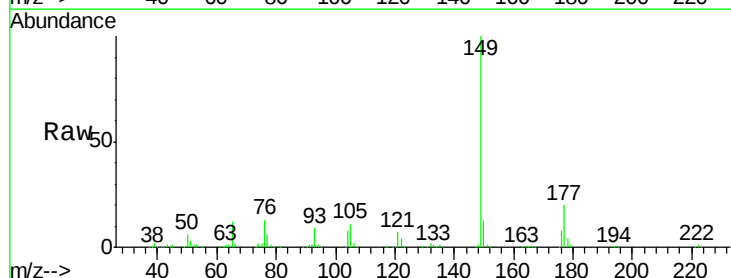


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

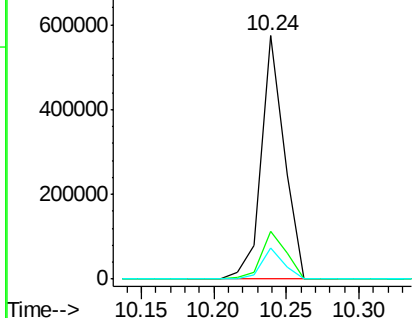
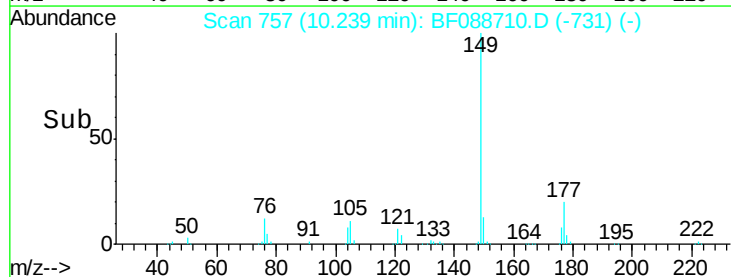


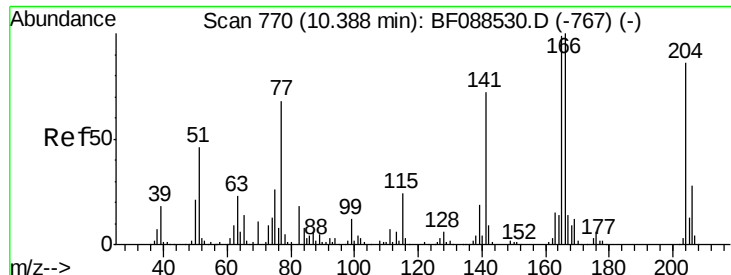
#59
 Diethylphthalate
 Concen: 41.53 ng
 RT: 10.24 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

Tgt Ion:149 Resp: 629096
 Ion Ratio Lower Upper
 149 100
 177 19.8 16.9 25.3
 150 12.6 10.1 15.1



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

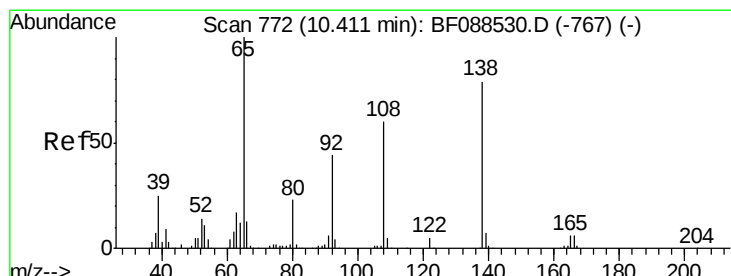
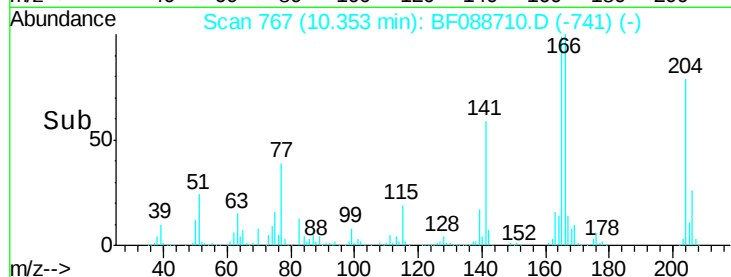
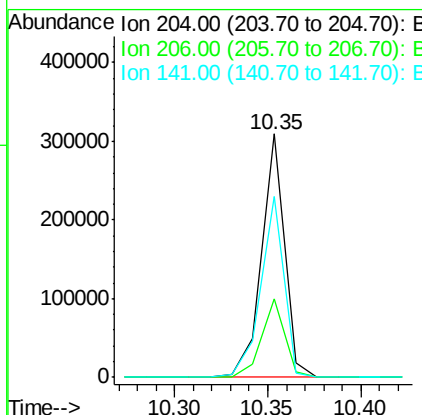
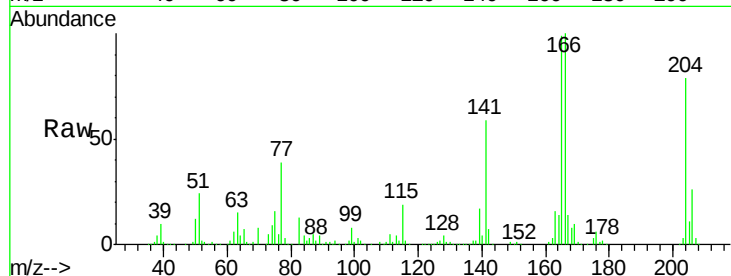




#60
 4-Chlorophenyl-phenylether
 Concen: 41.39 ng
 RT: 10.35 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

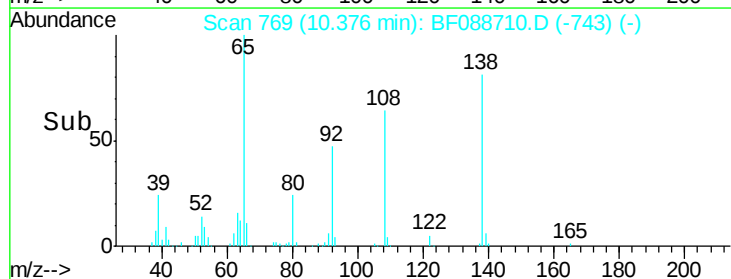
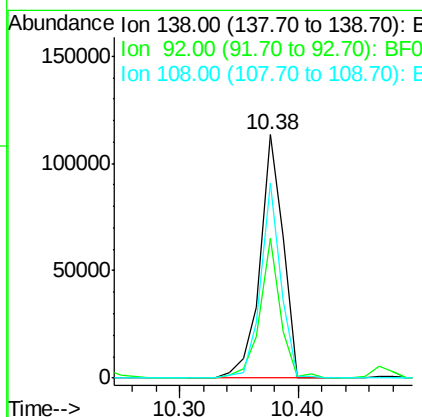
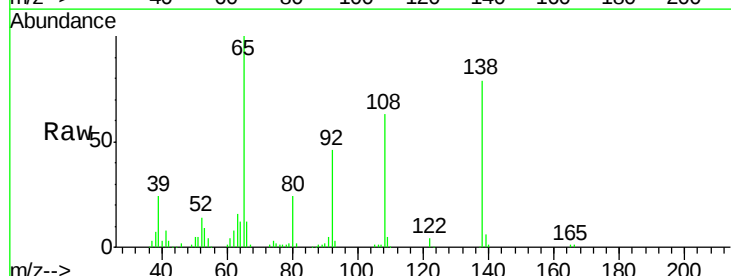
Instrument :
 BNA_F
 ClientSampleId :
 PB91726BS

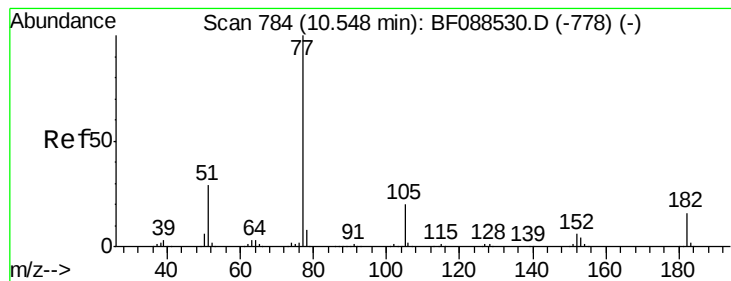
Tgt Ion:204 Resp: 260577
 Ion Ratio Lower Upper
 204 100
 206 32.4 26.3 39.5
 141 74.1 55.0 82.6



#61
 4-Nitroaniline
 Concen: 37.74 ng
 RT: 10.38 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF088710.D
 Acq: 5 Jul 2016 18:42

Tgt Ion:138 Resp: 154425
 Ion Ratio Lower Upper
 138 100
 92 57.5 27.3 67.3
 108 79.9 46.7 86.7





#62

Azobenzene

Concen: 46.13 ng

RT: 10.51 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

Tgt Ion: 77 Resp: 797077

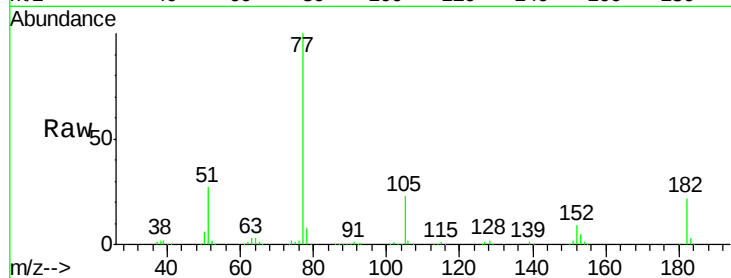
Ion Ratio Lower Upper

77 100

182 21.8 4.4 44.4

105 22.7 3.8 43.8

51 27.1 9.3 49.3

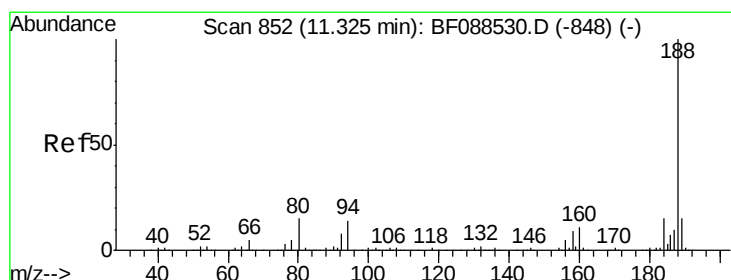
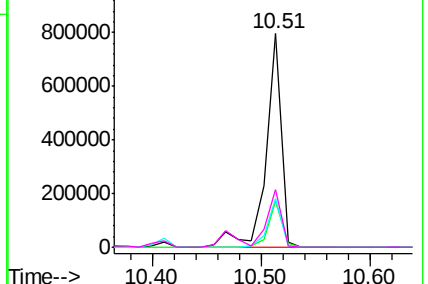
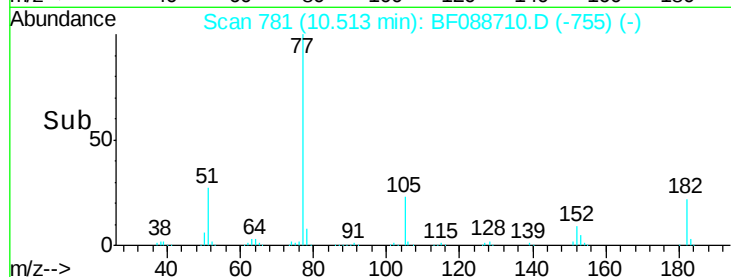


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

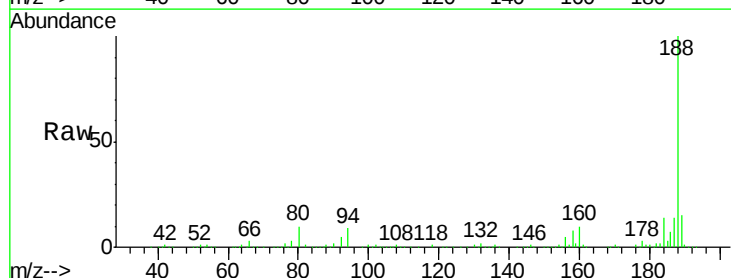
Tgt Ion: 188 Resp: 410443

Ion Ratio Lower Upper

188 100

94 9.4 9.0 13.6

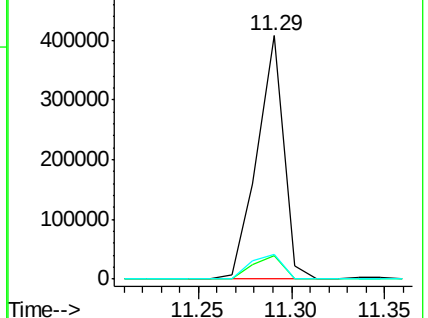
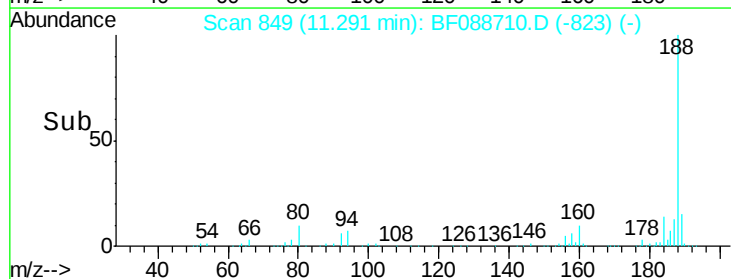
80 10.1 10.0 15.0

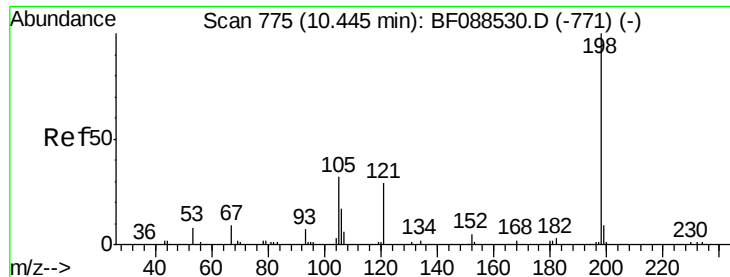


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

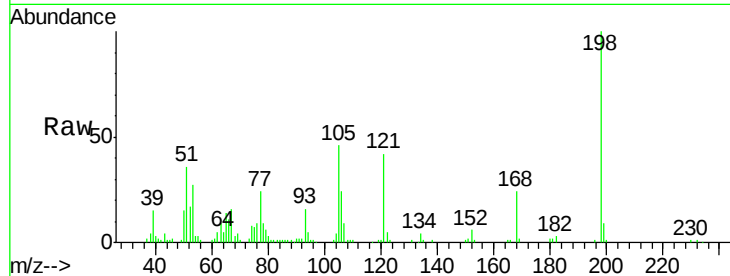




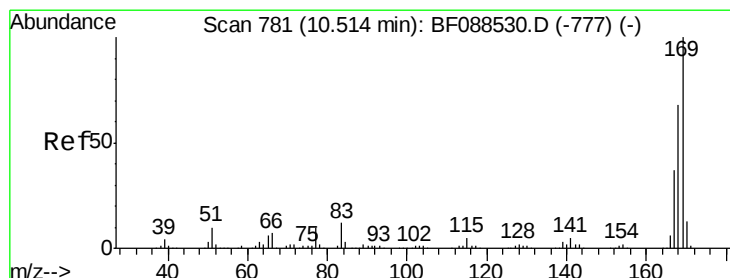
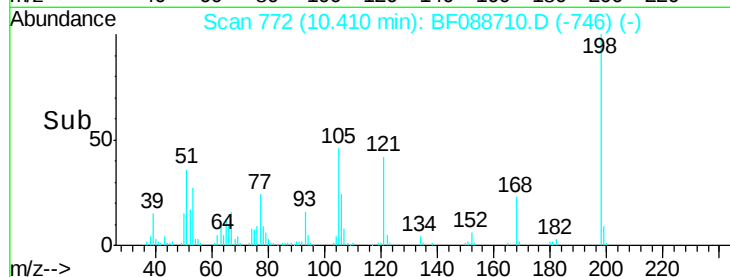
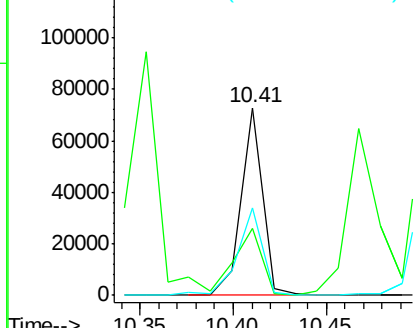
#64
4,6-Dinitro-2-methylphenol
Concen: 26.70 ng
RT: 10.41 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tgt Ion:198 Resp: 58611
Ion Ratio Lower Upper
198 100
51 35.6 39.6 79.6#
105 46.5 36.6 76.6

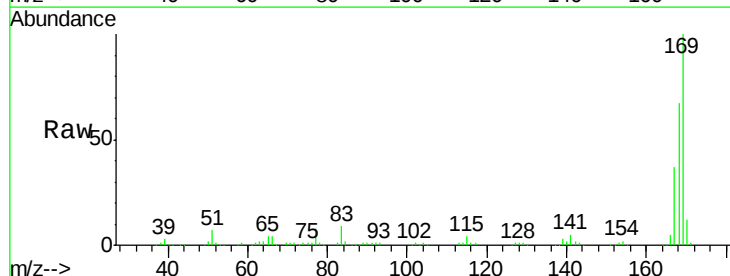


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

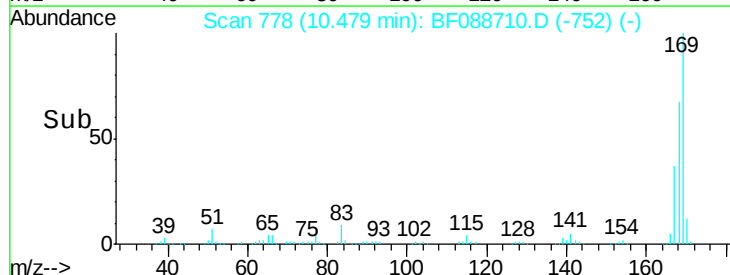
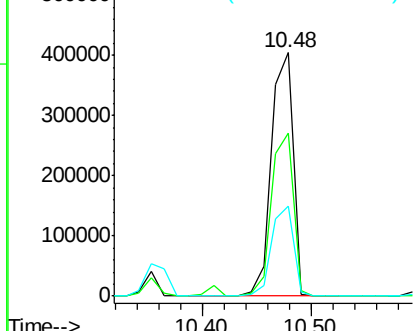


#65
n-Nitrosodiphenylamine
Concen: 40.26 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion:169 Resp: 559320
Ion Ratio Lower Upper
169 100
168 67.0 53.4 80.0
167 36.9 29.4 44.0



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

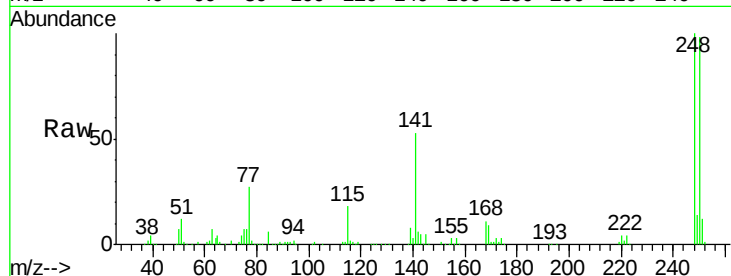




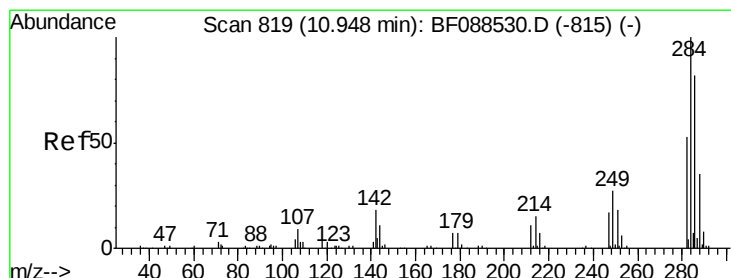
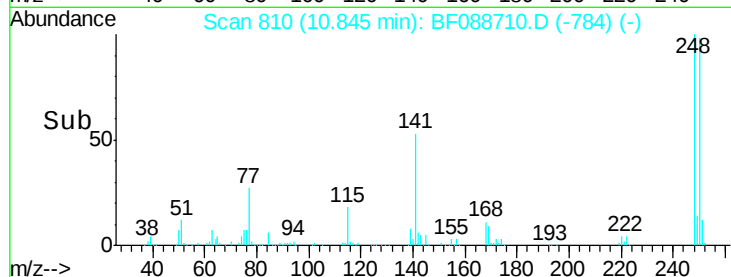
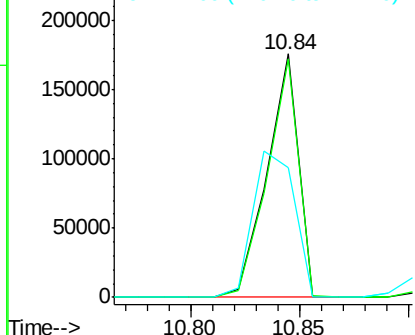
#66
4-Bromophenyl-phenylether
Concen: 43.11 ng
RT: 10.84 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tgt Ion:248 Resp: 178304
Ion Ratio Lower Upper
248 100
250 97.8 77.1 115.7
141 53.1 50.6 76.0

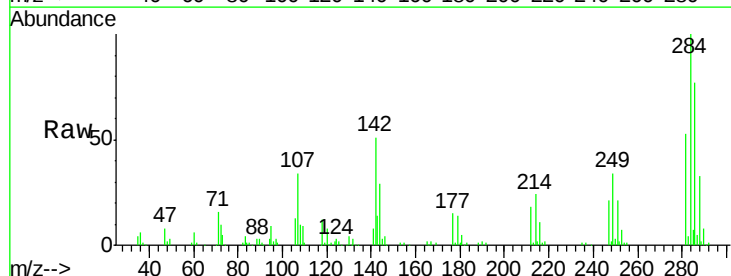


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

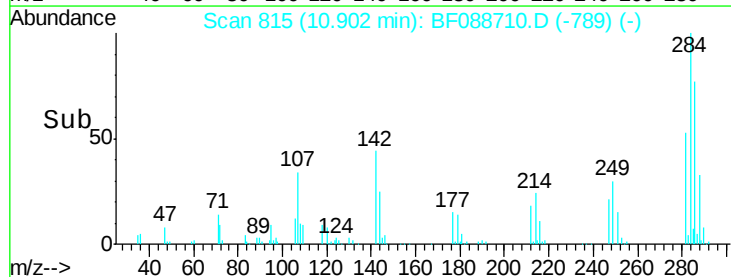
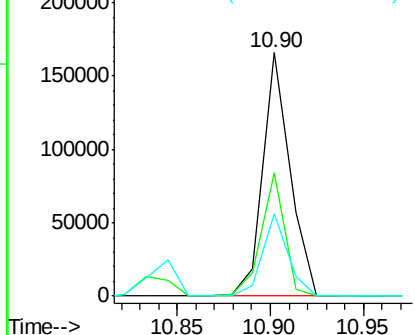


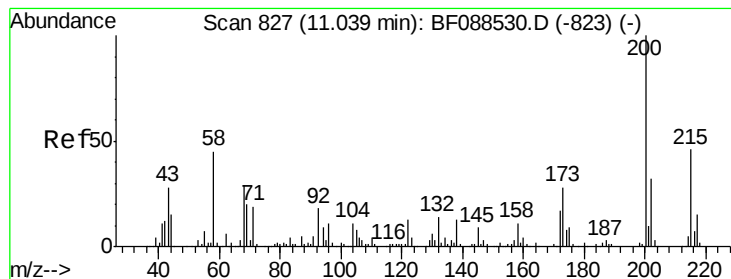
#67
Hexachlorobenzene
Concen: 36.34 ng
RT: 10.90 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion:284 Resp: 166385
Ion Ratio Lower Upper
284 100
142 50.5 35.8 53.8
249 33.7 25.8 38.6



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





#68

Atrazine

Concen: 44.29 ng

RT: 11.00 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

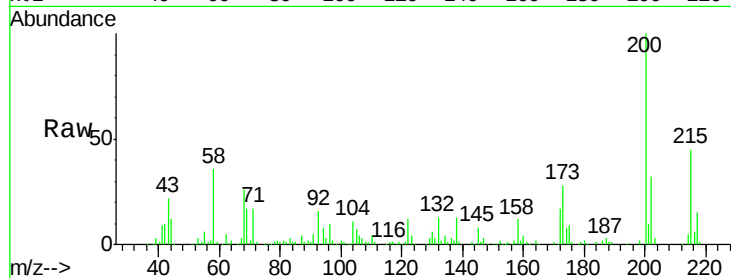
Tgt Ion:200 Resp: 191723

Ion Ratio Lower Upper

200 100

173 27.8 4.0 44.0

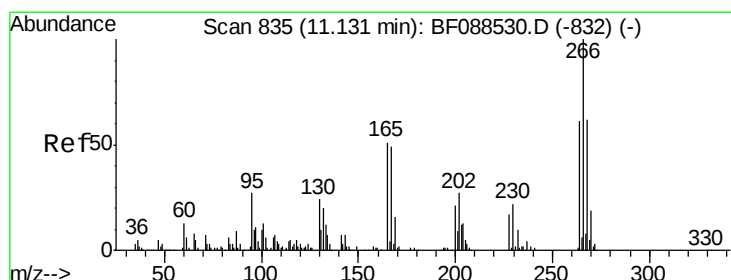
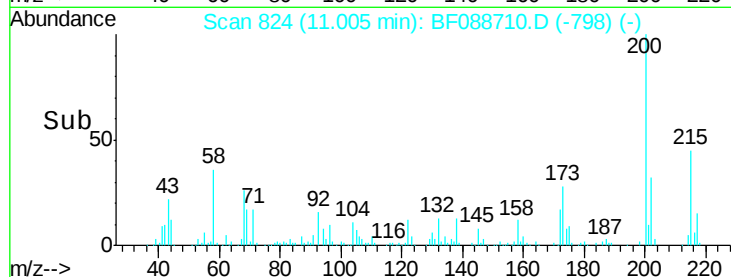
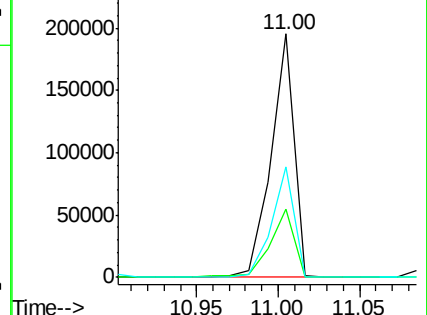
215 45.2 29.3 69.3



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: 52.96 ng

RT: 11.10 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

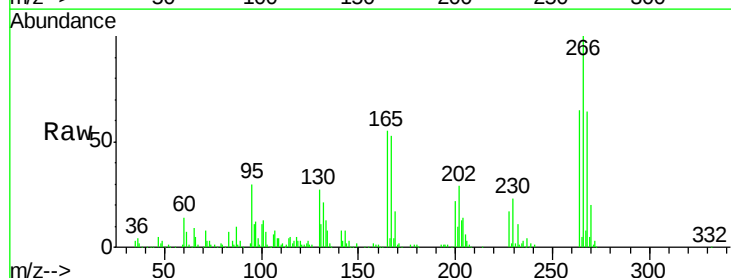
Tgt Ion:266 Resp: 143504

Ion Ratio Lower Upper

266 100

268 64.3 52.8 79.2

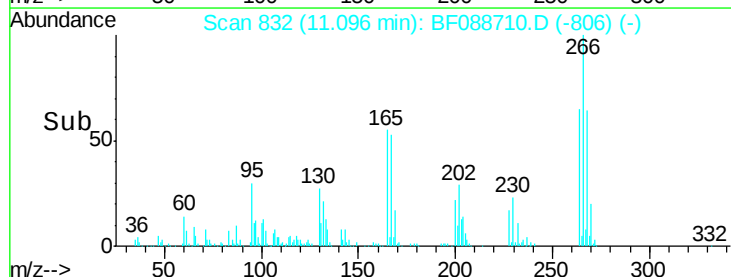
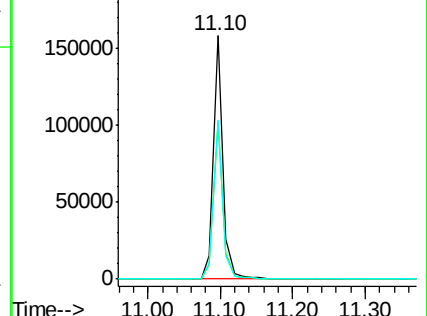
264 65.5 49.6 74.4

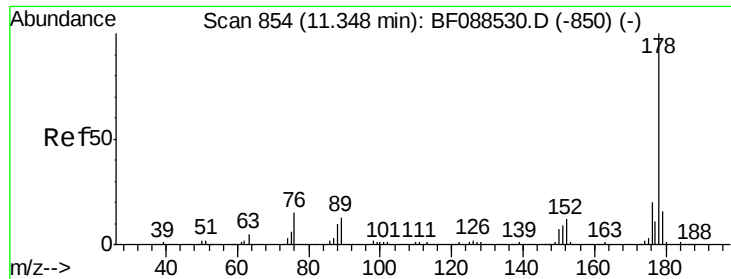


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

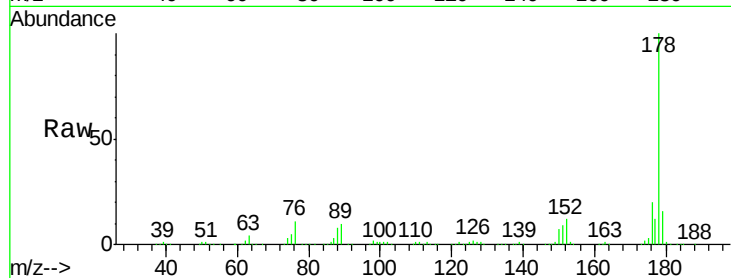




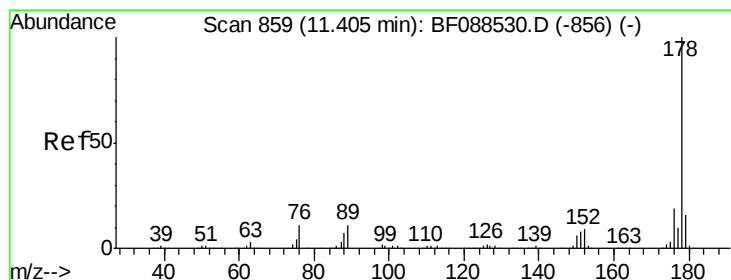
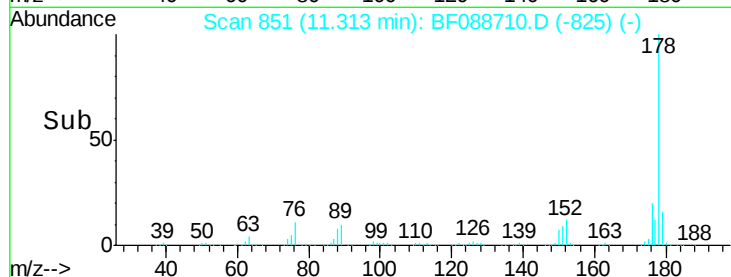
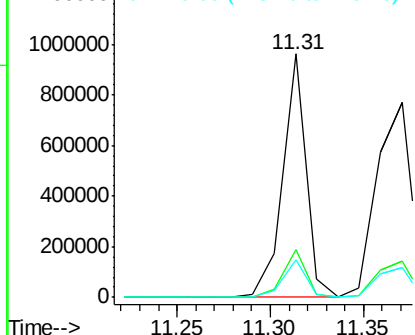
#70
Phenanthrene
Concen: 37.44 ng
RT: 11.31 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tgt Ion:178 Resp: 840139
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.6 13.0 19.4

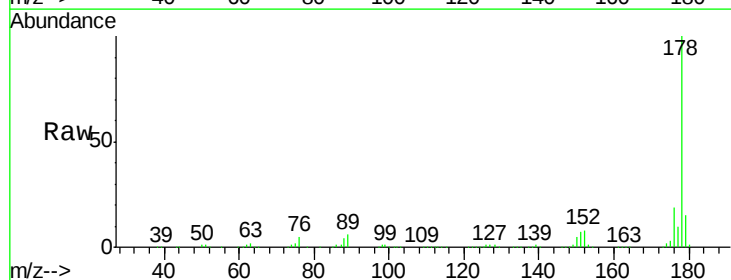


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

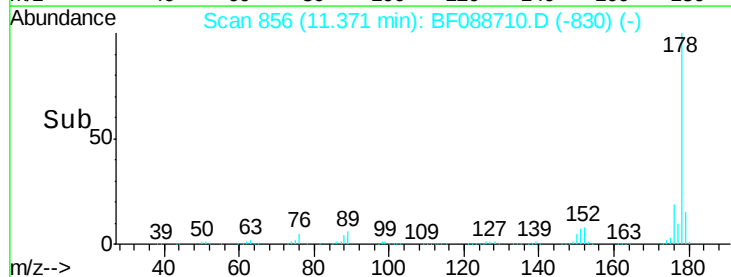
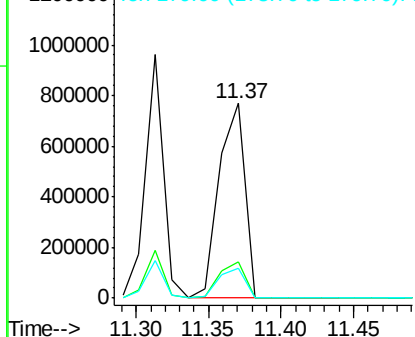


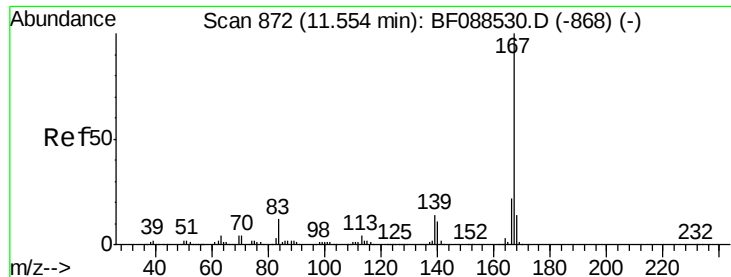
#71
Anthracene
Concen: 42.51 ng
RT: 11.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion:178 Resp: 948336
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.2 12.8 19.2



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





#72

Carbazole

Concen: 37.22 ng

RT: 11.52 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

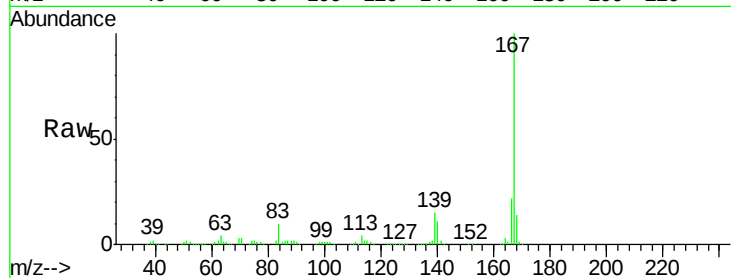
Tgt Ion:167 Resp: 781567

Ion Ratio Lower Upper

167 100

166 22.3 17.8 26.6

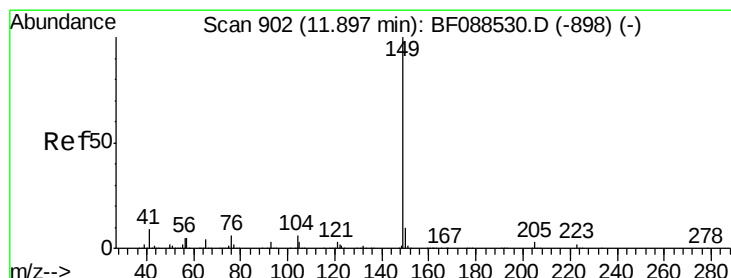
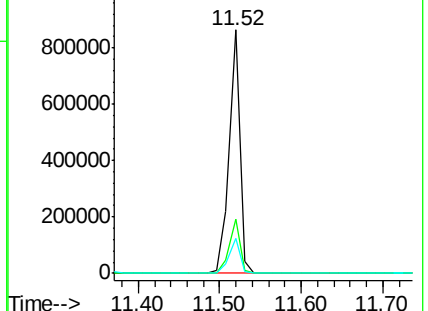
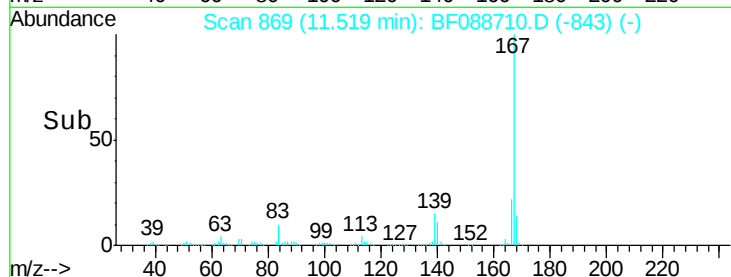
139 14.6 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 45.10 ng

RT: 11.86 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

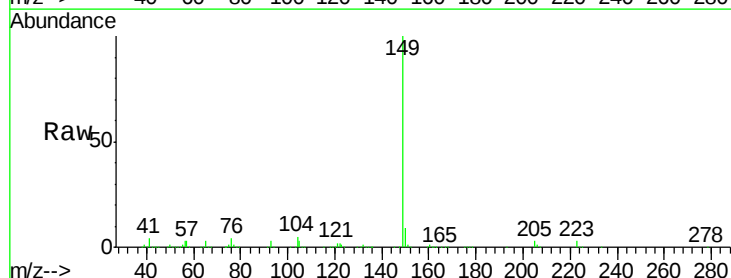
Tgt Ion:149 Resp: 1101414

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

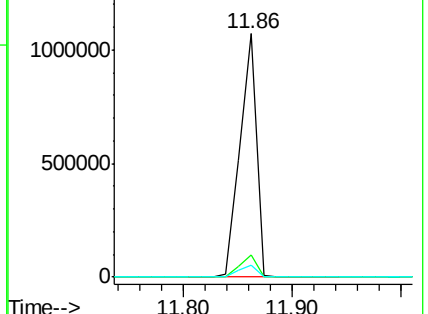
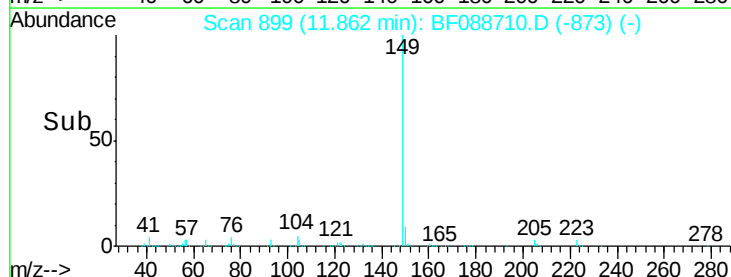
104 4.7 4.0 6.0

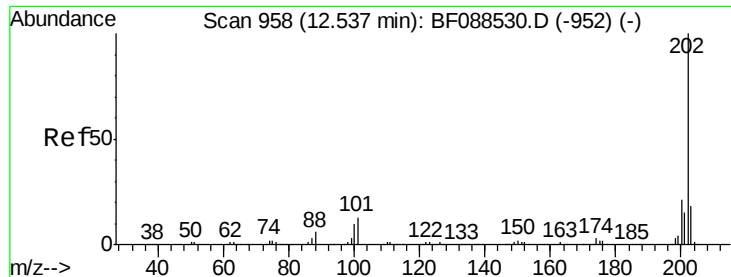


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 35.95 ng

RT: 12.49 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

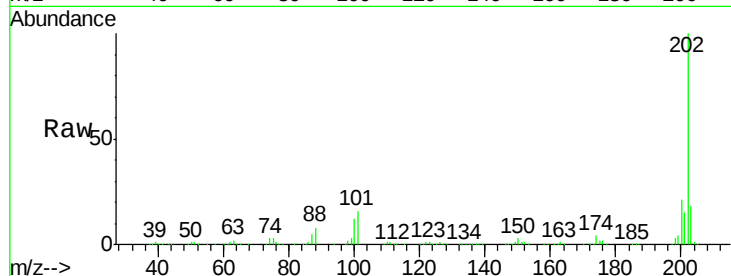
Tgt Ion:202 Resp: 817748

Ion Ratio Lower Upper

202 100

101 15.7 0.0 33.1

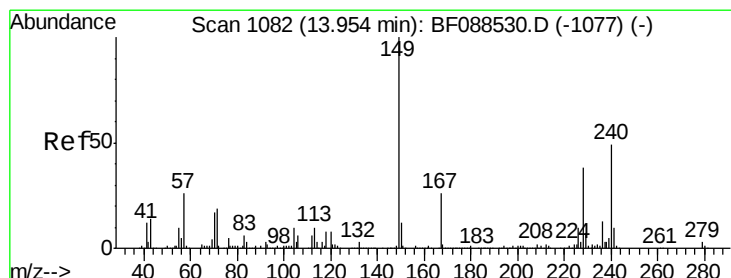
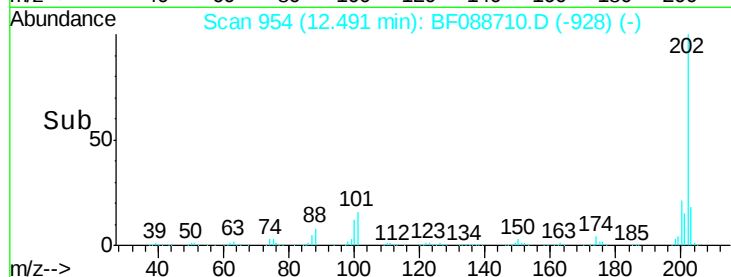
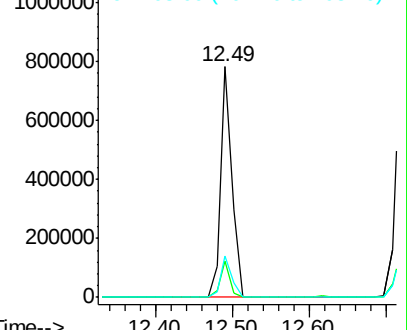
203 18.1 0.0 38.1



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: 13.92 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

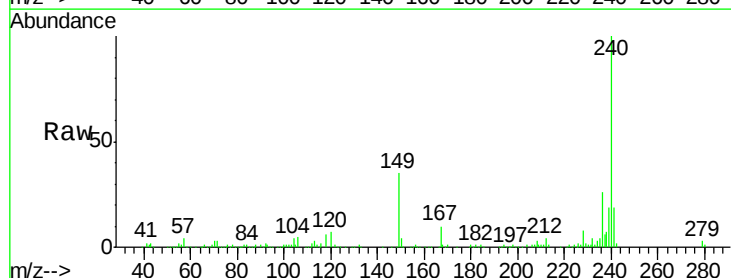
Tgt Ion:240 Resp: 243177

Ion Ratio Lower Upper

240 100

120 6.9 6.8 10.2

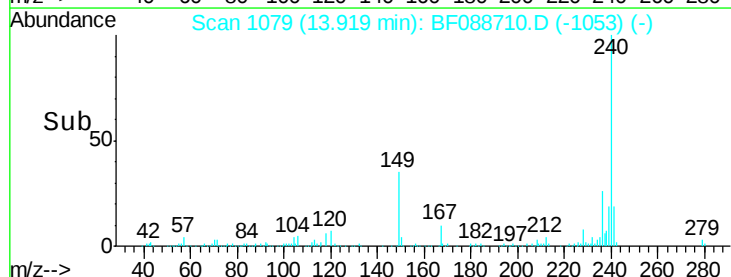
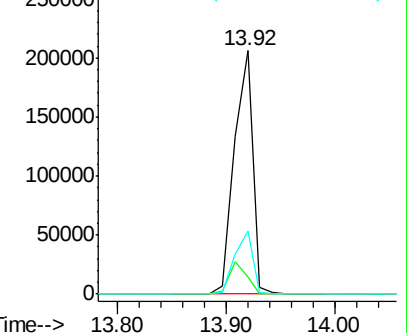
236 25.7 20.2 30.2

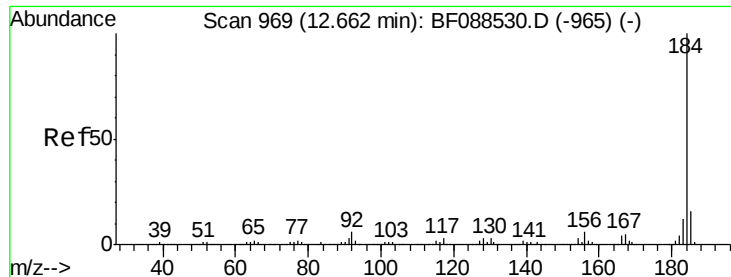


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 45.80 ng

RT: 12.62 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

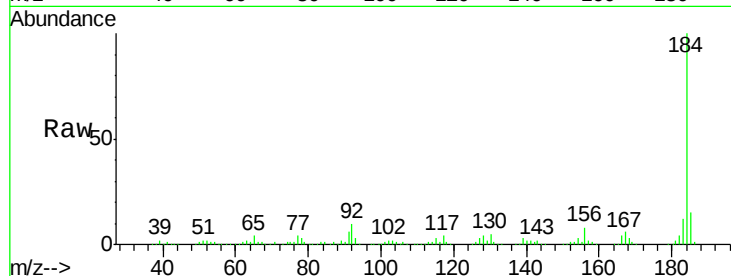
Tgt Ion:184 Resp: 562956

Ion Ratio Lower Upper

184 100

185 15.1 12.5 18.7

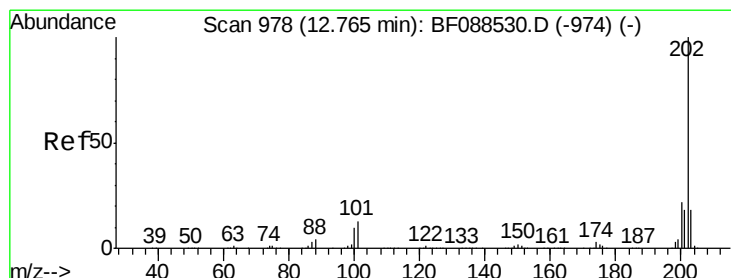
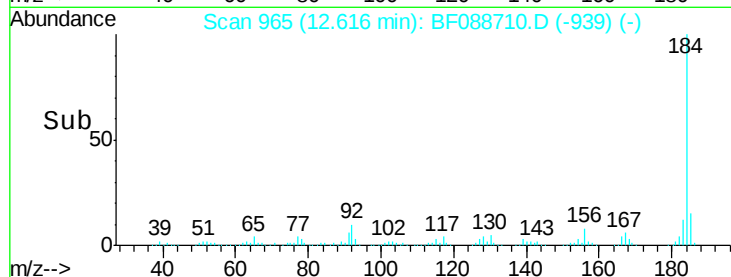
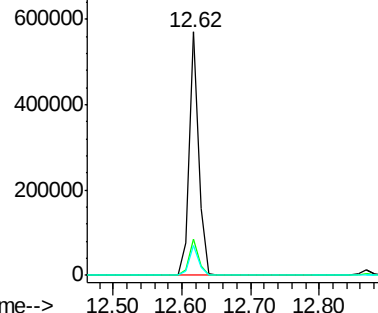
183 12.2 9.3 13.9



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: 39.38 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

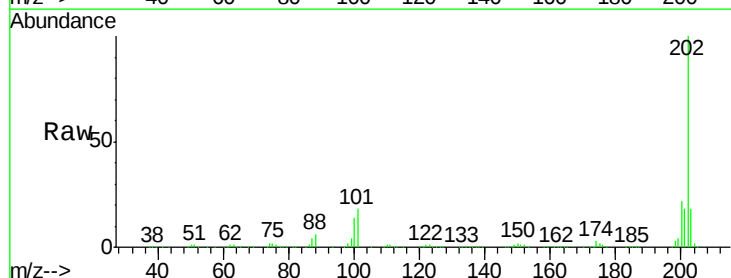
Tgt Ion:202 Resp: 811957

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

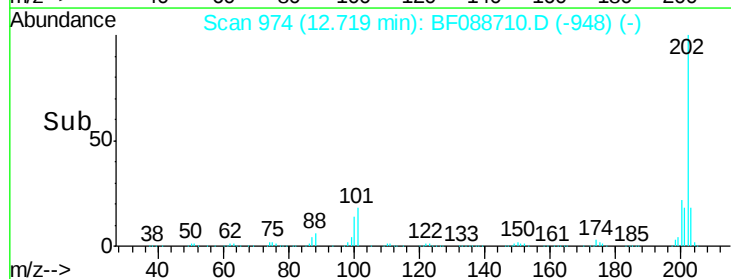
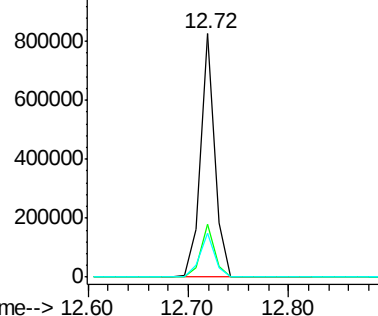
203 18.0 14.5 21.7

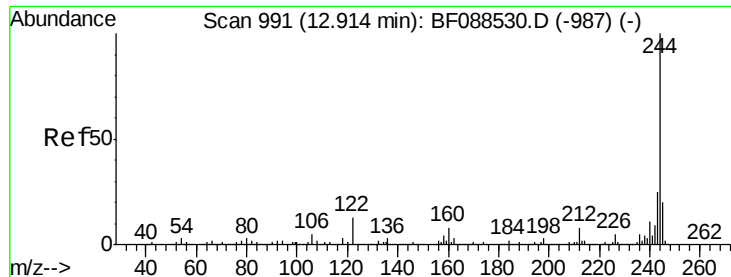


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 88.34 ng

RT: 12.87 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

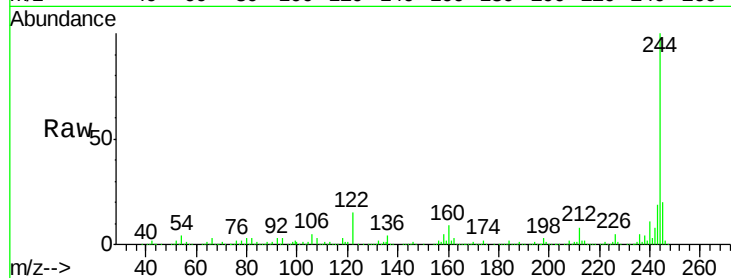
Tgt Ion:244 Resp: 964487

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

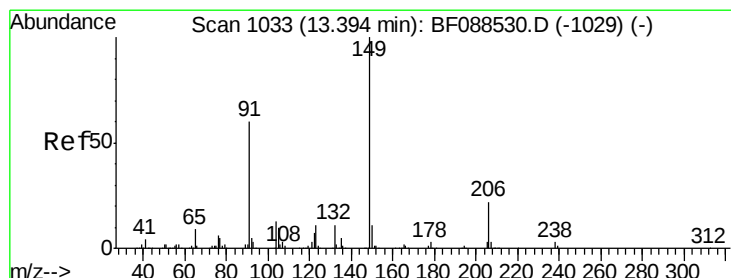
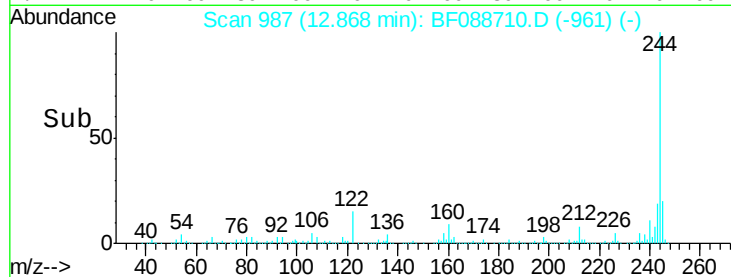
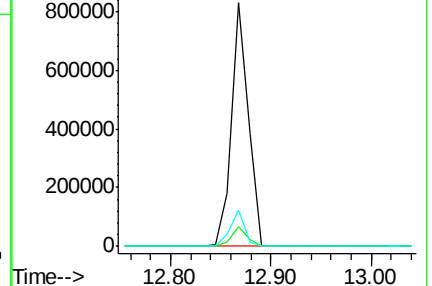
122 15.1 11.2 16.8



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: 46.49 ng

RT: 13.35 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

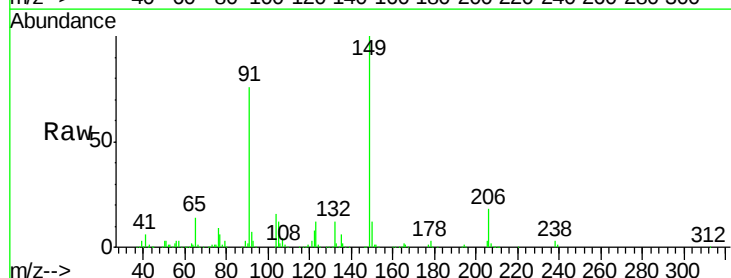
Tgt Ion:149 Resp: 427535

Ion Ratio Lower Upper

149 100

91 75.8 48.0 72.0#

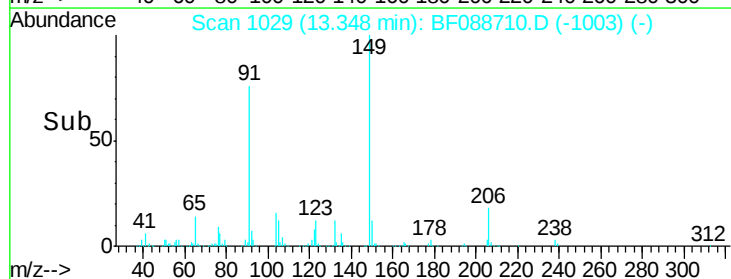
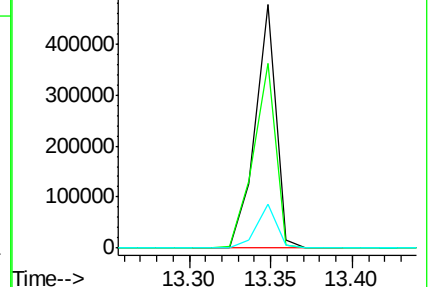
206 18.3 16.0 24.0

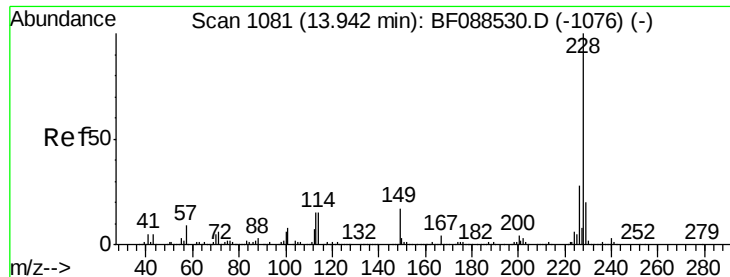


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 44.20 ng

RT: 13.91 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

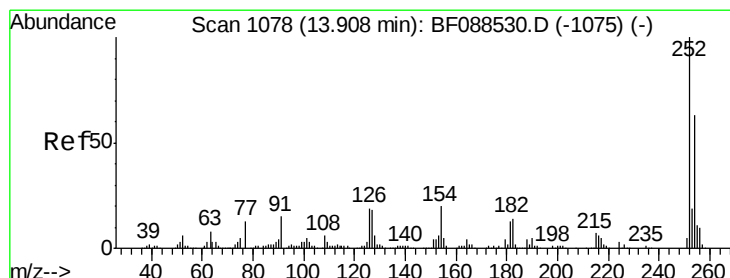
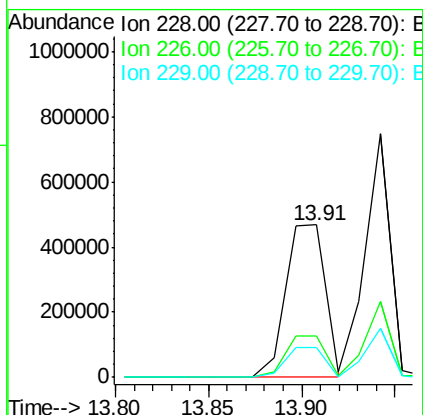
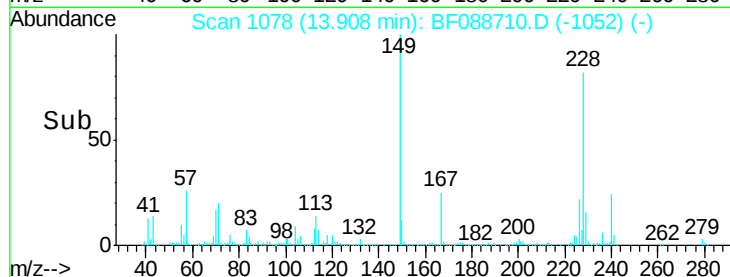
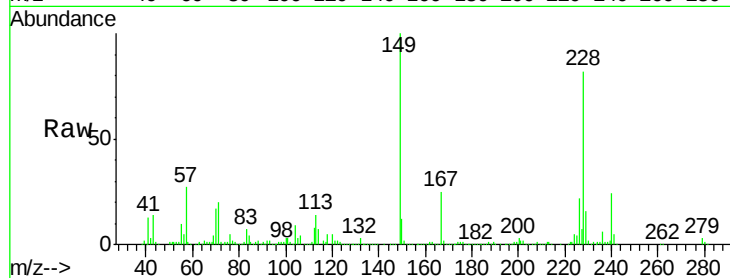
Tgt Ion:228 Resp: 692079

Ion Ratio Lower Upper

228 100

226 27.1 22.3 33.5

229 19.5 16.0 24.0



#81

3,3'-Dichlorobenzidine

Concen: 21.19 ng

RT: 13.87 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

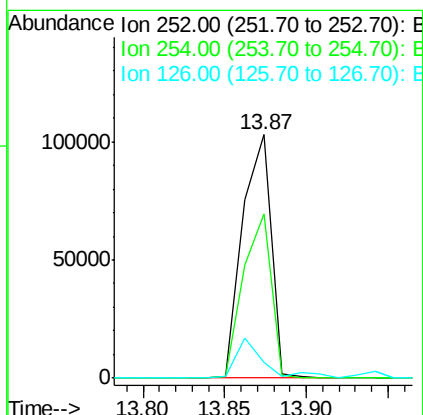
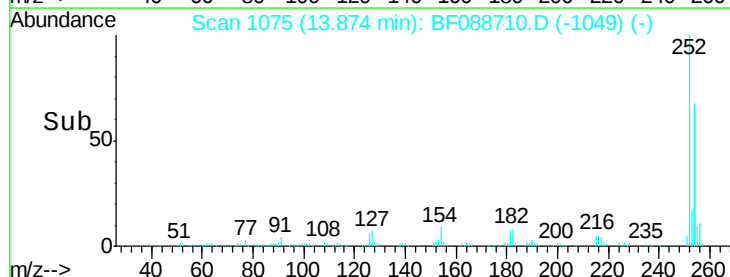
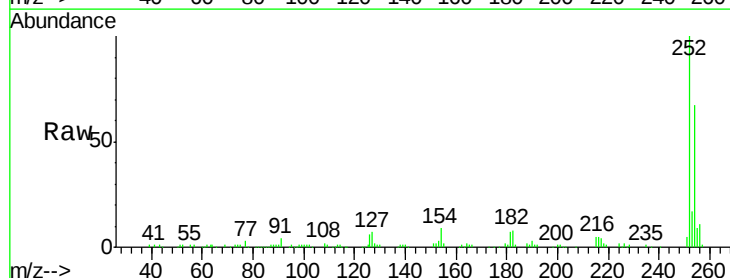
Tgt Ion:252 Resp: 124764

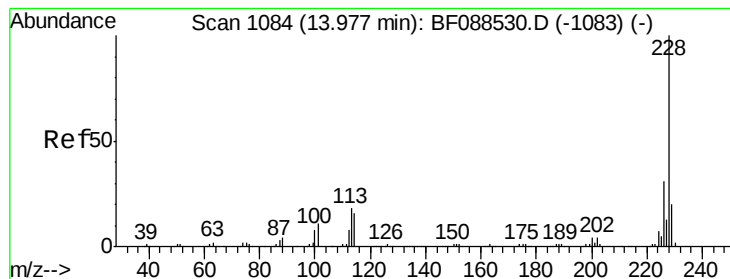
Ion Ratio Lower Upper

252 100

254 67.3 52.6 78.8

126 6.3 6.2 9.2





#82

Chrysene

Concen: 44.91 ng

RT: 13.94 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

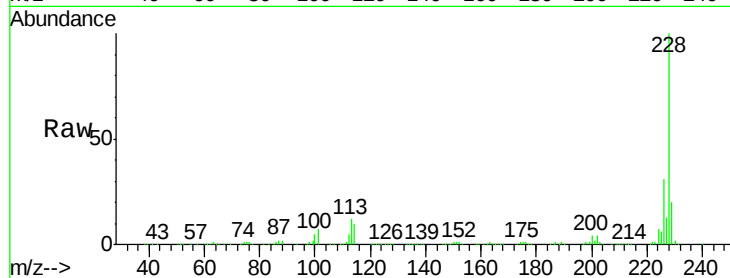
Tgt Ion: 228 Resp: 695723

Ion Ratio Lower Upper

228 100

226 31.2 25.4 38.2

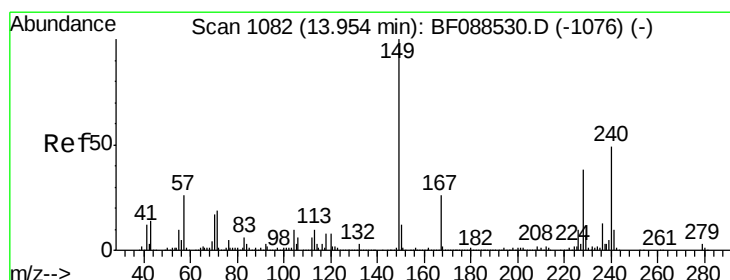
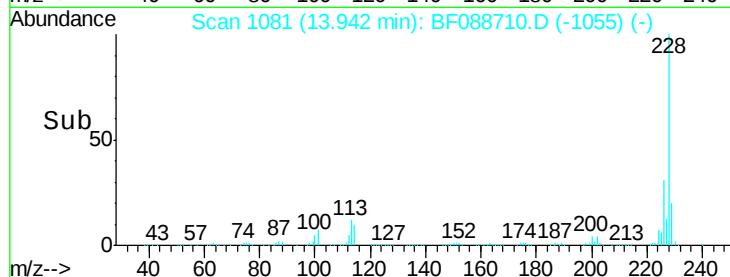
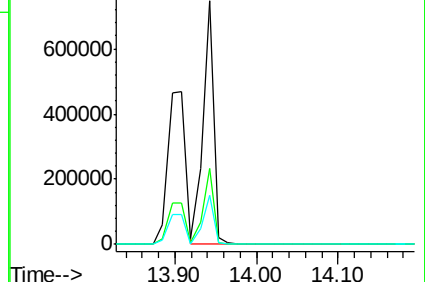
229 20.0 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 47.23 ng

RT: 13.91 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

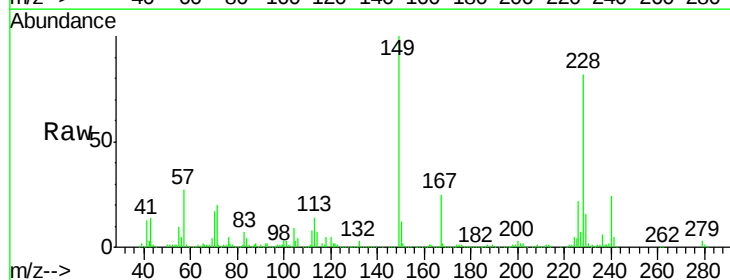
Tgt Ion: 149 Resp: 495902

Ion Ratio Lower Upper

149 100

167 25.1 20.5 30.7

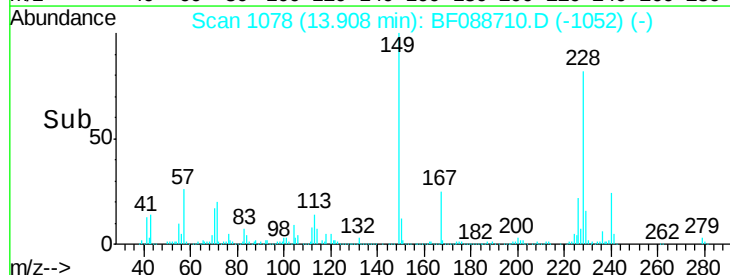
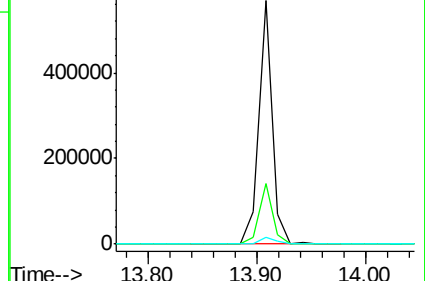
279 2.6 2.0 3.0

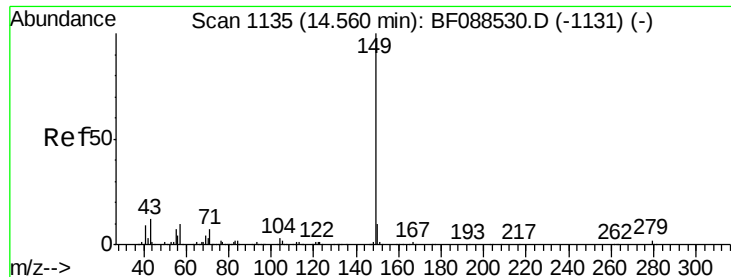


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 41.95 ng

RT: 14.51 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

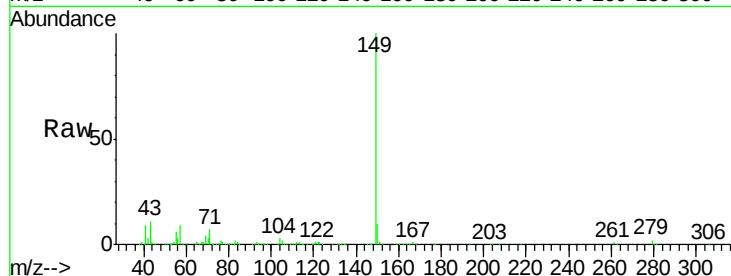
Tgt Ion:149 Resp: 748361

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

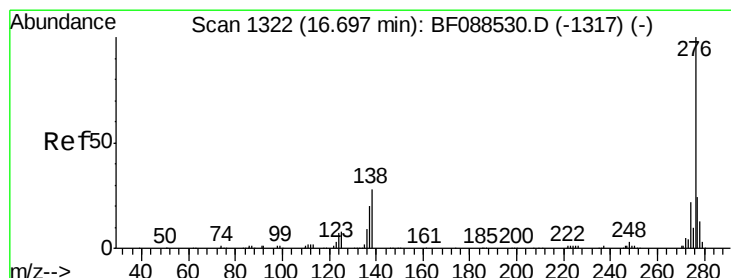
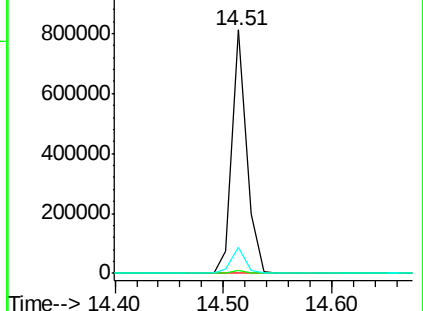
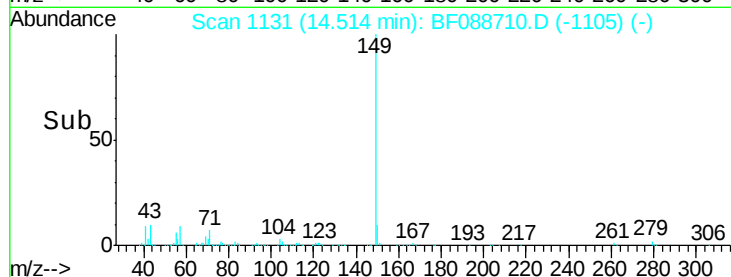
43 9.9 0.0 0.0#



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: 46.09 ng

RT: 16.64 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

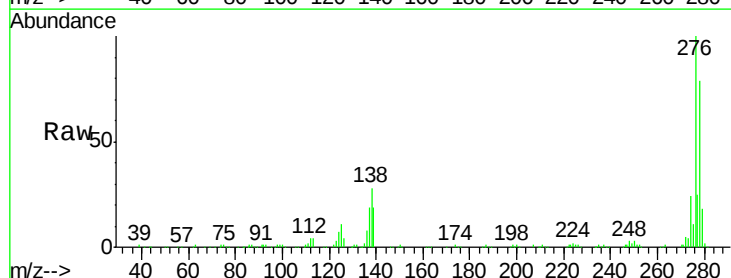
Tgt Ion:276 Resp: 549381

Ion Ratio Lower Upper

276 100

138 29.2 0.0 0.0#

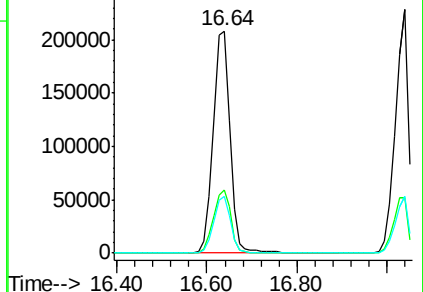
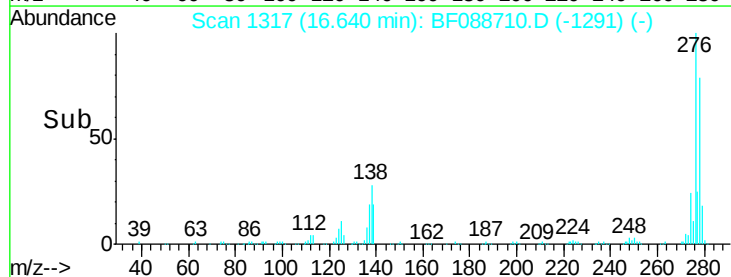
277 25.3 0.0 0.0#

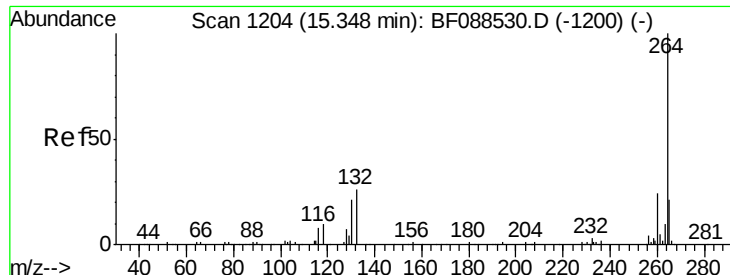


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

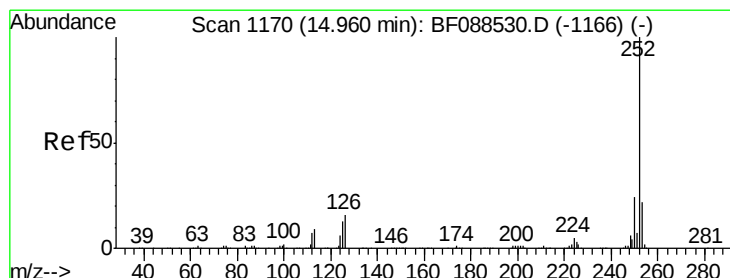
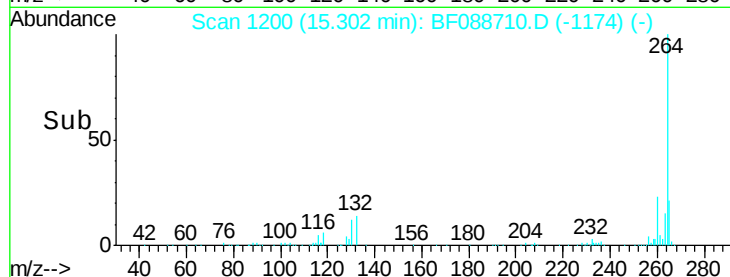
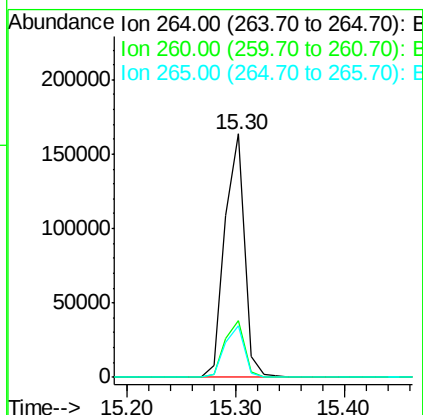
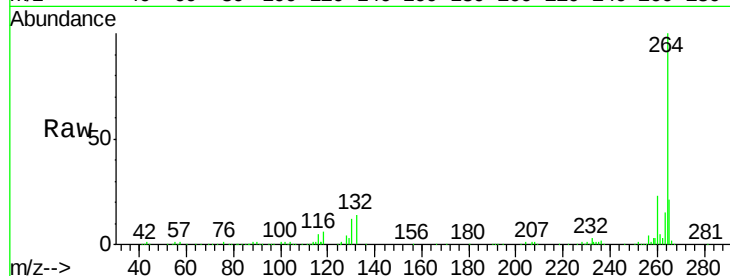




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

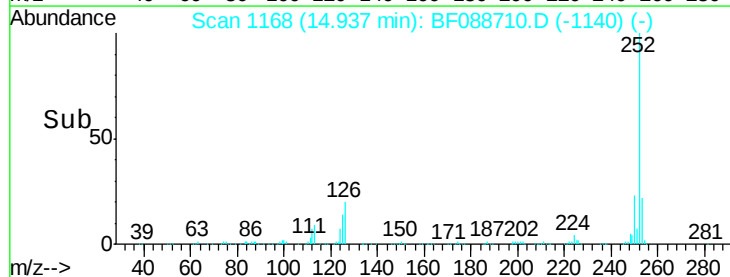
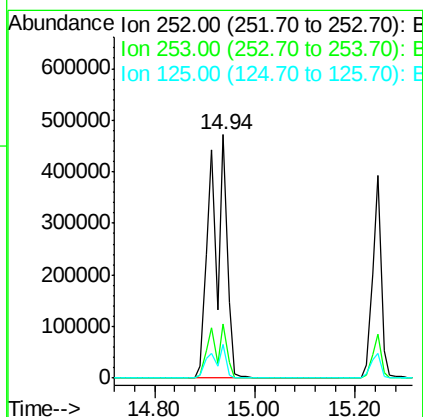
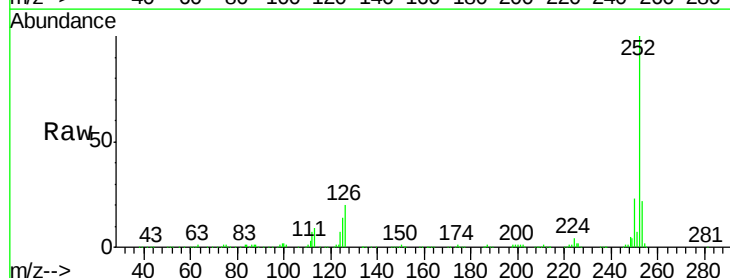
Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tgt Ion: 264 Resp: 204943
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 21.2 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 79.11 ng
RT: 14.94 min Scan# 1168
Delta R.T. 0.02 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion: 252 Resp: 1017020
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 13.7 7.1 10.7#

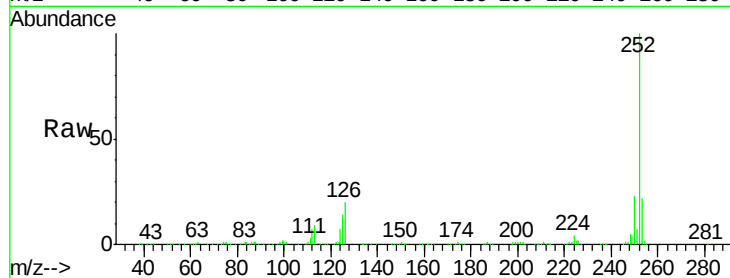




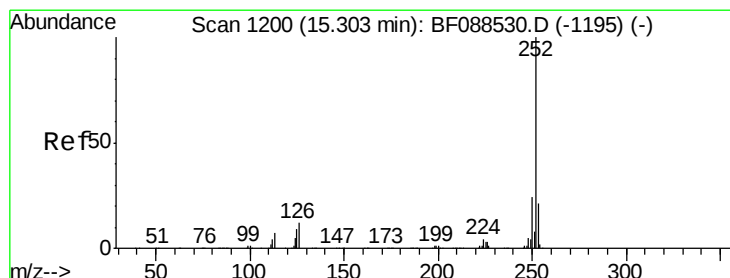
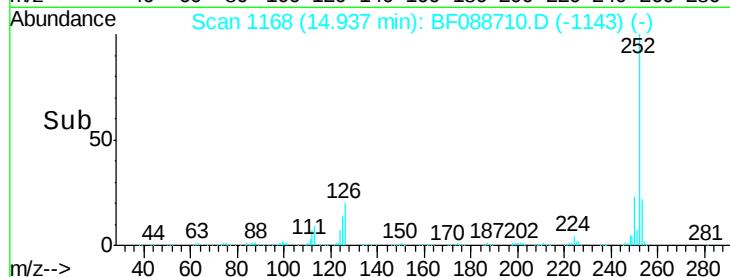
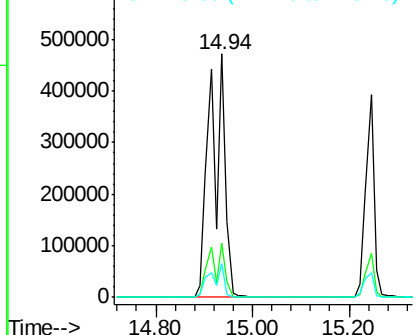
#88
Benzo(k)fluoranthene
Concen: 90.87 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Instrument :
BNA_F
ClientSampleId :
PB91726BS

Tgt Ion:252 Resp: 1017033
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 13.7 11.2 16.8

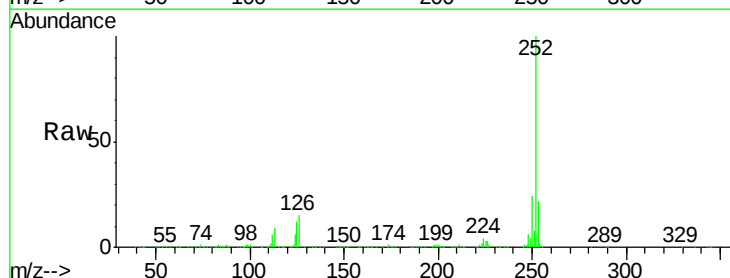


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

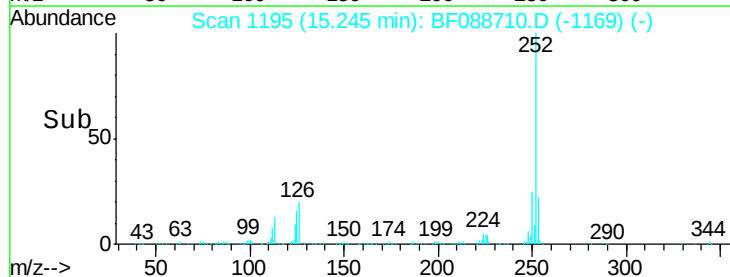
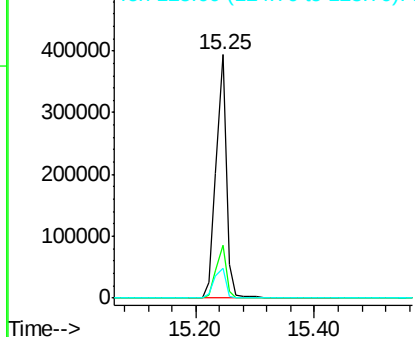


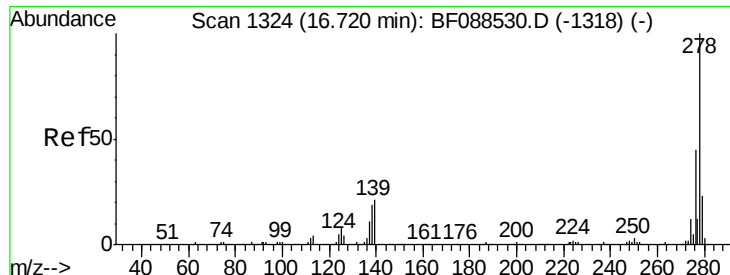
#89
Benzo(a)pyrene
Concen: 43.77 ng
RT: 15.25 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF088710.D
Acq: 5 Jul 2016 18:42

Tgt Ion:252 Resp: 476453
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 12.0 12.5 18.7#



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





#90

Dibenzo(a,h)anthracene

Concen: 50.28 ng

RT: 16.65 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

Instrument :

BNA_F

ClientSampleId :

PB91726BS

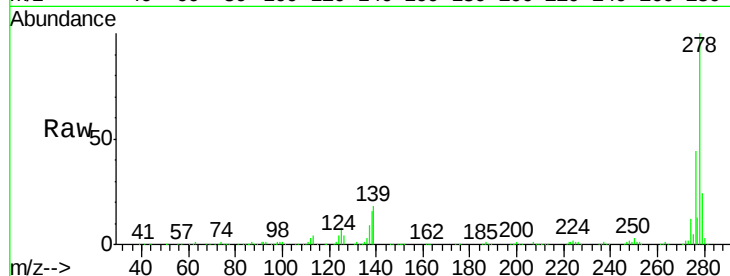
Tgt Ion:278 Resp: 457032

Ion Ratio Lower Upper

278 100

139 17.8 15.7 23.5

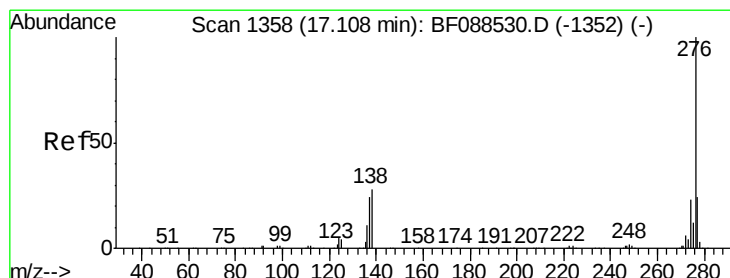
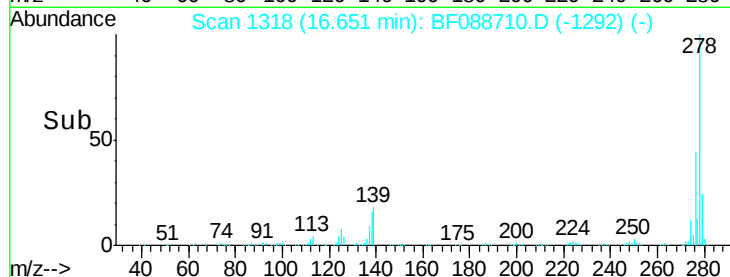
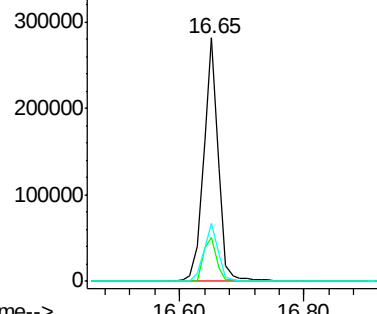
279 23.9 19.4 29.2



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: 50.75 ng

RT: 17.04 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BF088710.D

Acq: 5 Jul 2016 18:42

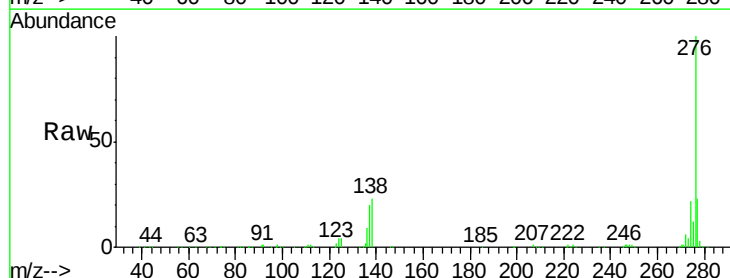
Tgt Ion:276 Resp: 477334

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 23.0 21.4 32.2



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

