

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071415\
 Data File : BF080478.D
 Acq On : 15 Jul 2015 6:55
 Operator : TP/UM
 Sample : PB84447BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Manual Integrations
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apatel
 7/16/2015 8:21:47 AM

Quant Time: Jul 15 08:46:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 15 03:58:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	17259	20.00	ng	0.00
21) Naphthalene-d8	8.41	136	74559	20.00	ng	0.00
38) Acenaphthene-d10	10.17	164	37335	20.00	ng	-0.01
63) Phenanthrene-d10	11.67	188	84228	20.00	ng	0.00
75) Chrysene-d12	14.56	240	99763	20.00	ng	0.08
86) Perylene-d12	16.35	264	109720	20.00	ng	0.13

System Monitoring Compounds

5) 2-Fluorophenol	5.76	112	132553	125.53	ng	0.00
7) Phenol-d6	6.76	99	170303	131.80	ng	-0.01
23) Nitrobenzene-d5	7.69	82	108135	79.39	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	44107	124.99	ng	0.00
44) 2-Fluorobiphenyl	9.48	172	210568	77.27	ng	0.00
78) Terphenyl-d14	13.31	244	271004	65.48	ng	0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	14770	34.73	ng	# 83
3) Pyridine	3.85	79	29404	30.49	ng	98
4) n-Nitrosodimethylamine	3.68	42	21104	37.57	ng	100
6) Aniline	6.80	93	41559	22.16	ng	# 92
8) 2-Chlorophenol	6.92	128	44885	40.52	ng	94
9) Benzaldehyde	6.68	77	11728	14.86	ng	92
10) Phenol	6.78	94	56779	38.11	ng	95
11) bis(2-Chloroethyl)ether	6.85	93	42983	37.96	ng	99
12) 1,3-Dichlorobenzene	7.06	146	46683	36.14	ng	# 89
13) 1,4-Dichlorobenzene	7.14	146	53150	37.85	ng	96
14) 1,2-Dichlorobenzene	7.30	146	51099	37.64	ng	98
15) Benzyl Alcohol	7.28	79	37137	40.16	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.39	45	74693	40.69	ng	81
17) 2-Methylphenol	7.39	107	35536	39.64	ng	93
18) Hexachloroethane	7.64	117	17260	37.31	ng	92
19) n-Nitroso-di-n-propylamine	7.53	70	32211	36.80	ng	98
20) 3+4-Methylphenols	7.54	107	53445	42.07	ng	91
22) Acetophenone	7.53	105	64359	36.79	ng	# 96
24) Nitrobenzene	7.71	77	50605	33.71	ng	96
25) Isophorone	7.94	82	98625	39.22	ng	97
26) 2-Nitrophenol	8.03	139	22993	35.30	ng	97
27) 2,4-Dimethylphenol	8.06	122	45130	37.78	ng	98
28) bis(2-Chloroethoxy)methane	8.14	93	53974	38.16	ng	99
29) 2,4-Dichlorophenol	8.27	162	40989	39.36	ng	93
30) 1,2,4-Trichlorobenzene	8.35	180	44945	34.68	ng	99
31) Naphthalene	8.43	128	141172	36.60	ng	99
32) Benzoic acid	8.16	122	22796	41.99	ng	99
33) 4-Chloroaniline	8.49	127	25092	16.34	ng	95
34) Hexachlorobutadiene	8.54	225	23784	36.23	ng	99
35) Caprolactam	8.83	113	11201	41.68	ng	# 57
36) 4-Chloro-3-methylphenol	8.97	107	39429	38.67	ng	# 74
37) 2-Methylnaphthalene	9.13	142	92807	35.32	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.29	216	42240	34.10	ng	99
40) Hexachlorocyclopentadiene	9.28	237	43471	67.23	ng	93

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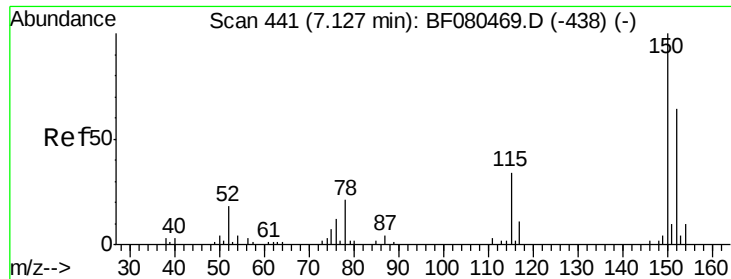
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071415.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.41	196	26951	34.99	ng	100
43) 2,4,5-Trichlorophenol	9.46	196	28546	36.78	ng	96
45) 1,1'-Biphenyl	9.58	154	115812	36.04	ng	98
46) 2-Chloronaphthalene	9.62	162	93769	35.53	ng	97
47) 2-Nitroaniline	9.72	65	28656	37.64	ng	94
48) Acenaphthylene	10.03	152	145213	36.38	ng	99
49) Dimethylphthalate	9.88	163	113920	38.55	ng	100
50) 2,6-Dinitrotoluene	9.95	165	24568	38.62	ng	90
51) Acenaphthene	10.20	154	99442	40.96	ng	98
52) 3-Nitroaniline	10.13	138	16033	23.42	ng	97
53) 2,4-Dinitrophenol	10.24	184	21732	77.26	ng	87
54) Dibenzofuran	10.37	168	131135	38.29	ng	98
55) 4-Nitrophenol	10.30	139	39336	77.84	ng	# 84
56) 2,4-Dinitrotoluene	10.35	165	28727	39.86	ng	# 16
57) Fluorene	10.72	166	104848	38.08	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.50	232	24586	39.12	ng	98
59) Diethylphthalate	10.58	149	113385	38.77	ng	99
60) 4-Chlorophenyl-phenylether	10.70	204	50890	39.41	ng	96
61) 4-Nitroaniline	10.75	138	24160	38.89	ng	96
62) Azobenzene	10.86	77	113947	40.77	ng	99
64) 4,6-Dinitro-2-methylphenol	10.76	198	15541	37.38	ng	93
65) n-Nitrosodiphenylamine	10.83	169	92019	33.64	ng	99
66) 4-Bromophenyl-phenylether	11.20	248	27704	32.99	ng	96
67) Hexachlorobenzene	11.28	284	31915	34.92	ng	98
68) Atrazine	11.34	200	29398	36.88	ng	99
69) Pentachlorophenol	11.47	266	33180	78.80	ng	97
70) Phenanthrene	11.69	178	173479	35.44	ng	99
71) Anthracene	11.75	178	164391	35.72	ng	100
72) Carbazole	11.91	167	157524	37.78	ng	99
73) Di-n-butylphthalate	12.21	149	181635	41.06	ng	# 97
74) Fluoranthene	12.92	202	194369	40.26	ng	98
76) Benzidine	13.06	184	77077	26.07	ng	100
77) Pyrene	13.17	202	201733	34.35	ng	100
79) Butylbenzylphthalate	13.85	149	80214	37.39	ng	91
80) Benzo(a)anthracene	14.55	228	208364	35.84	ng	99
81) 3,3'-Dichlorobenzidine	14.50	252	44007	23.95	ng	99
82) Chrysene	14.59	228	203072	36.54	ng	99
83) Bis(2-ethylhexyl)phthalate	14.51	149	118308	37.96	ng	# 97
84) Di-n-octyl phthalate	15.30	149	215726	38.54	ng	99
85) Indeno(1,2,3-cd)pyrene	18.00	276	264891	32.24	ng	100
87) Benzo(b)fluoranthene	15.86	252	220398	35.16	ng	98
88) Benzo(k)fluoranthene	15.89	252	223346m	36.88	ng	
89) Benzo(a)pyrene	16.27	252	222872	36.10	ng	98
90) Dibenzo(a,h)anthracene	18.01	278	219868	31.40	ng	100
91) Benzo(g,h,i)perylene	18.50	276	222096	30.31	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.13 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF080478.D

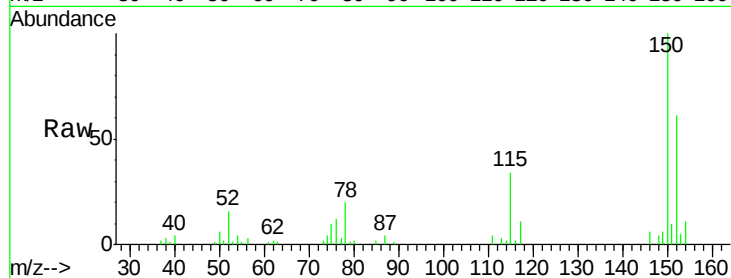
Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

ClientSampleId :

PB84447BS



Tgt Ion: 152 Resp: 17259

Ion Ratio Lower Upper

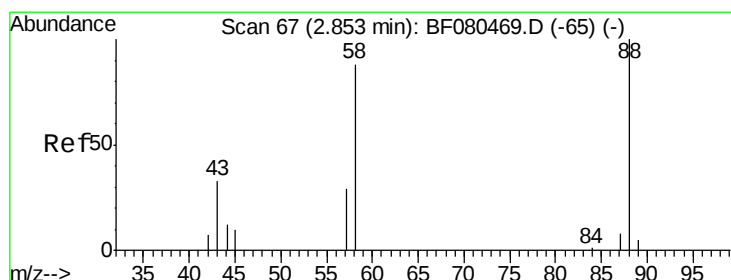
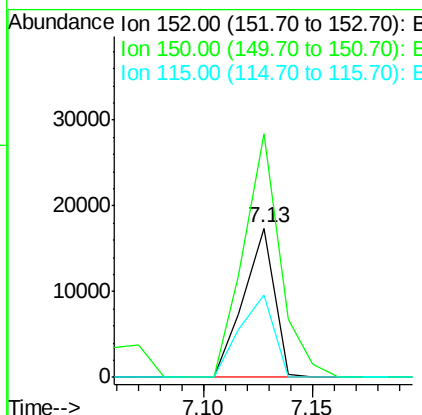
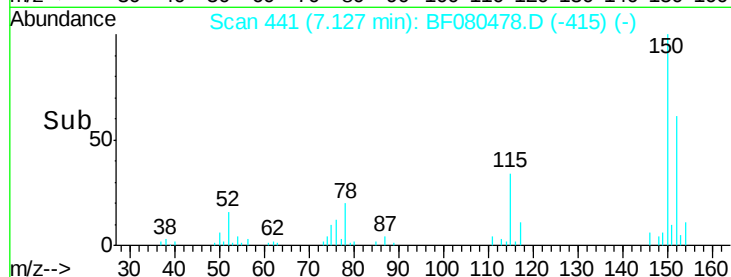
152 100

150 163.0 125.5 188.3

115 54.8 42.9 64.3

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#2

1,4-Dioxane

Concen: 34.73 ng

RT: 2.86 min Scan# 68

Delta R.T. 0.01 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

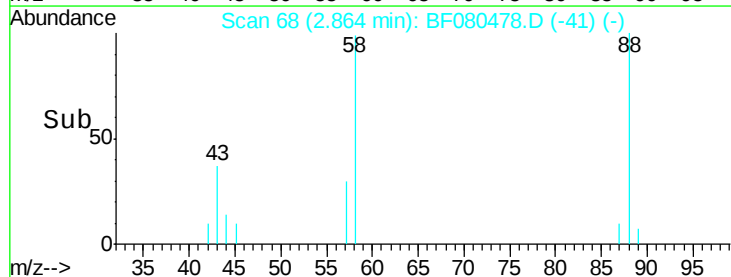
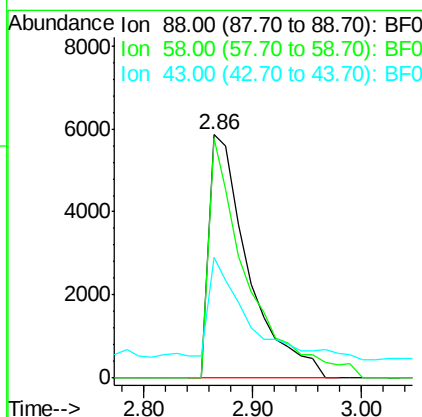
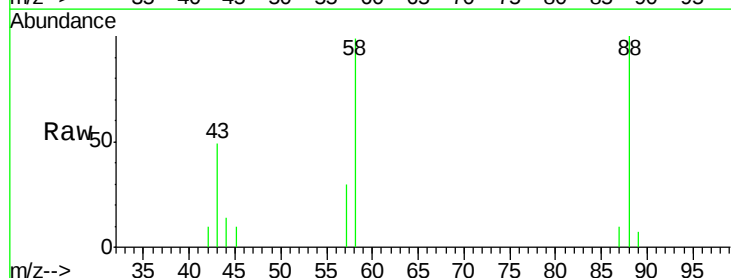
Tgt Ion: 88 Resp: 14770

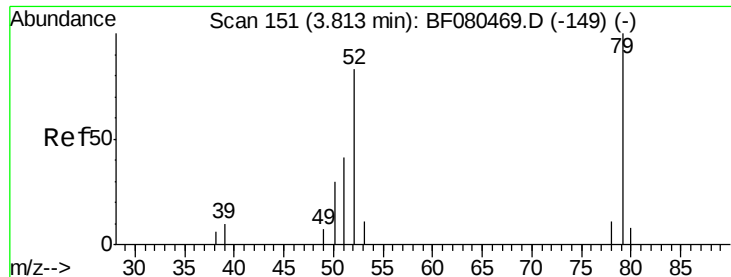
Ion Ratio Lower Upper

88 100

58 97.1 67.3 100.9

43 44.1 23.8 35.8#





#3

Pyridine

Concen: 30.49 ng

RT: 3.85 min Scan# 154

Delta R.T. 0.04 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

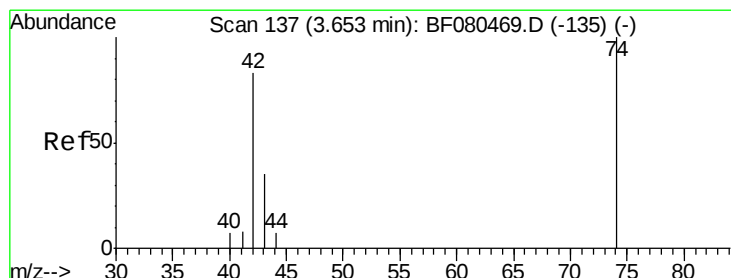
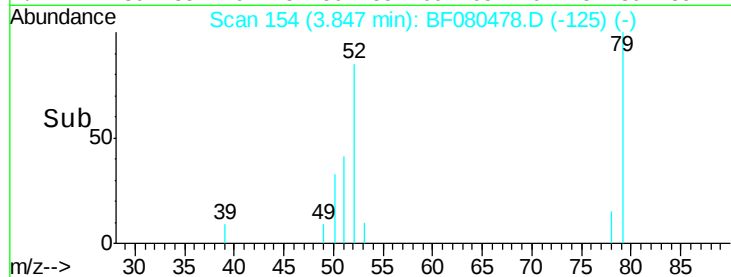
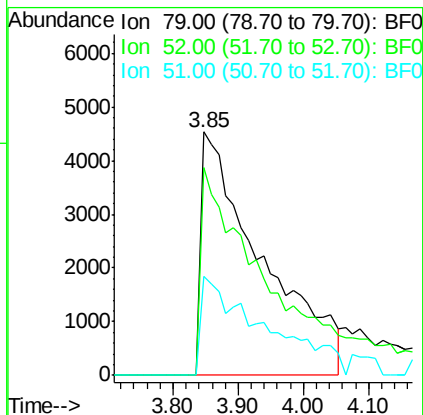
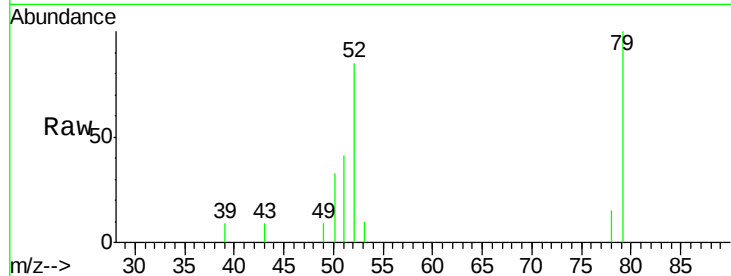
ClientSampleId :

PB84447BS

Tgt Ion:	79	Resp:	29404
Ion	Ratio	Lower	Upper
79	100		
52	85.4	66.6	99.8
51	40.9	32.5	48.7

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#4

n-Nitrosodimethylamine

Concen: 37.57 ng

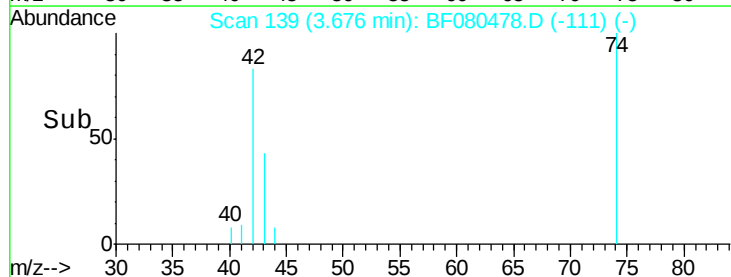
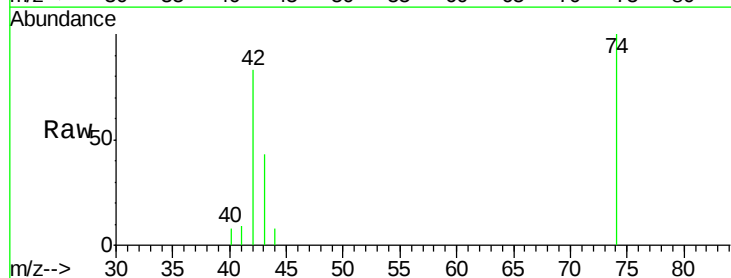
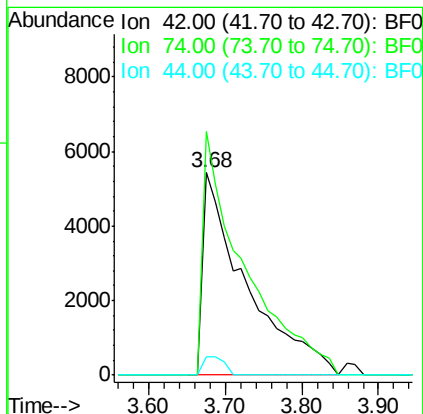
RT: 3.68 min Scan# 139

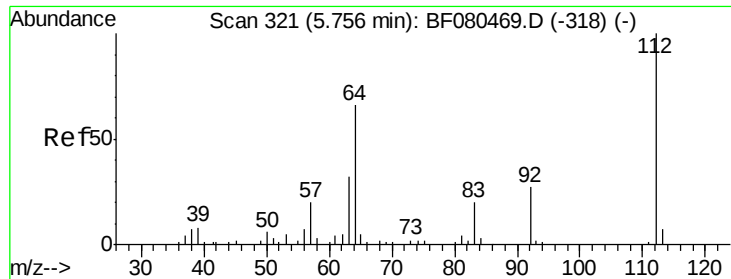
Delta R.T. 0.02 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Tgt Ion:	42	Resp:	21104
Ion	Ratio	Lower	Upper
42	100		
74	120.2	96.6	144.8
44	9.1	7.0	10.4





#5

2-Fluorophenol

Concen: 125.53 ng

RT: 5.76 min Scan# 321

Delta R.T. 0.00 min

Lab File: BF080478.D

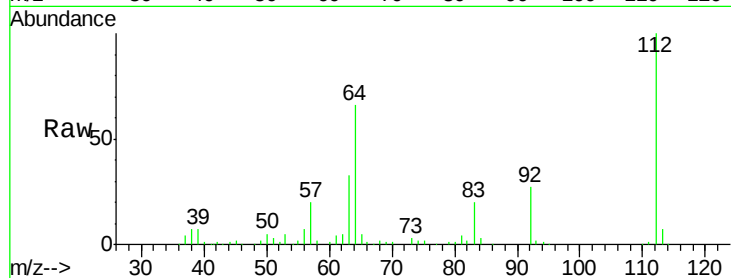
Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

ClientSampleId :

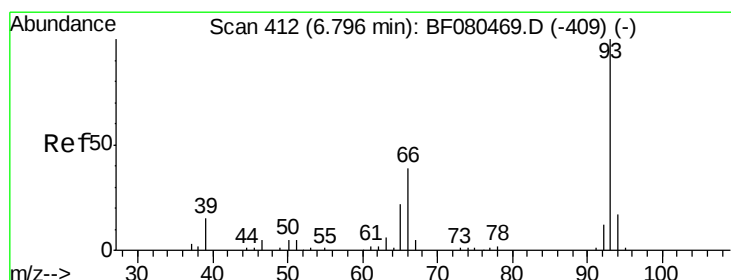
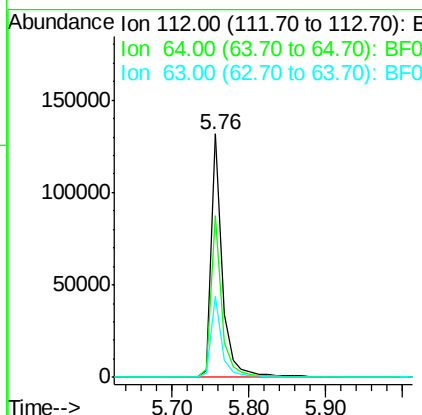
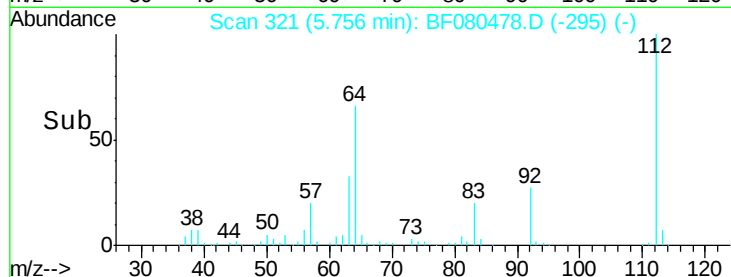
PB84447BS



Tgt Ion:	112	Resp:	132553
Ion Ratio	Lower	Upper	
112	100		
64	66.4	52.6	79.0
63	33.3	25.9	38.9

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#6

Aniline

Concen: 22.16 ng

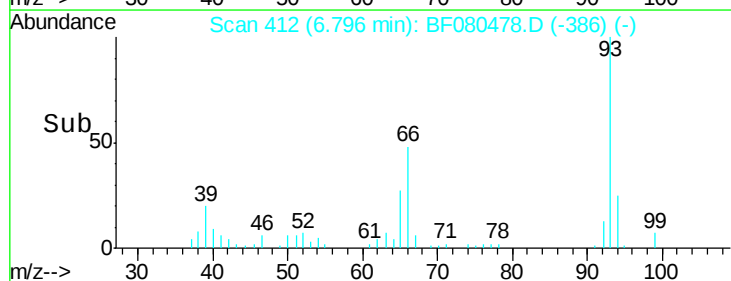
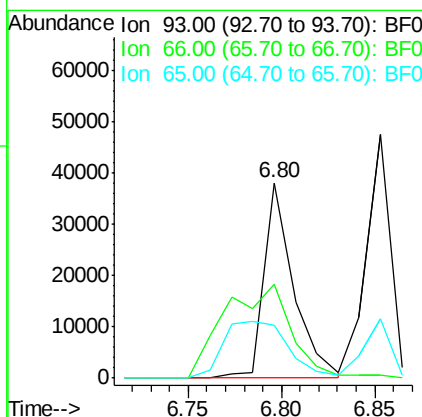
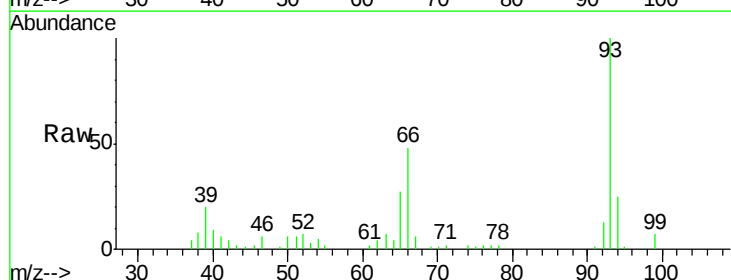
RT: 6.80 min Scan# 412

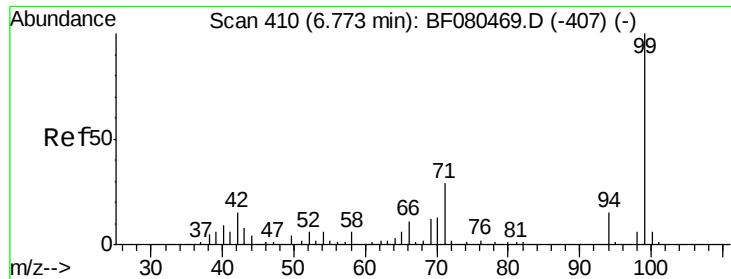
Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Tgt Ion:	93	Resp:	41559
Ion Ratio	Lower	Upper	
93	100		
66	47.8	34.5	51.7
65	27.3	18.2	27.2





#7

Phenol-d6

Concen: 131.80 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

ClientSampleId :

PB84447BS

Tgt Ion: 99 Resp: 170303

Ion Ratio Lower Upper

99 100

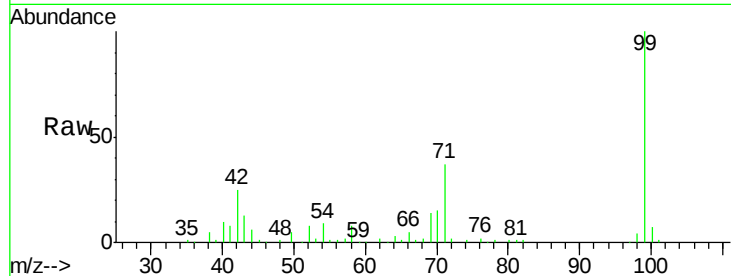
42 24.8 12.4 18.6#

71 36.6 22.9 34.3#

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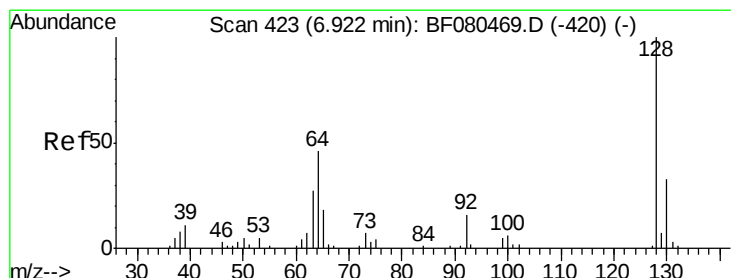
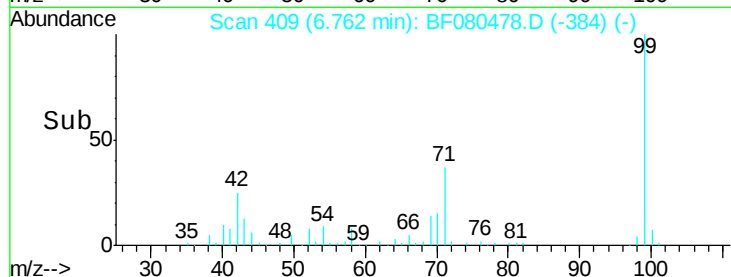
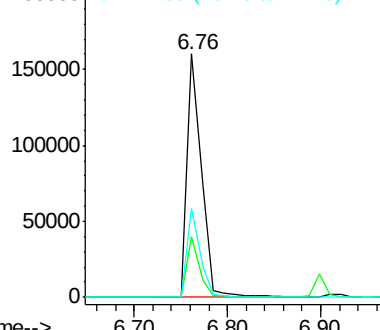
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.52 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

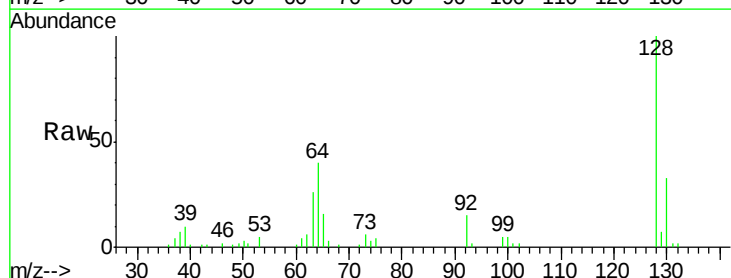
Tgt Ion: 128 Resp: 44885

Ion Ratio Lower Upper

128 100

130 32.8 13.5 53.5

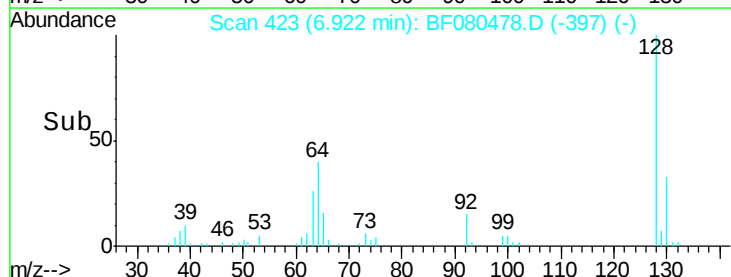
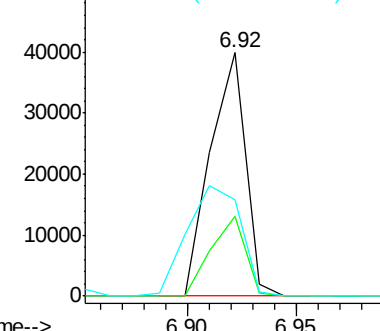
64 39.5 26.3 66.3

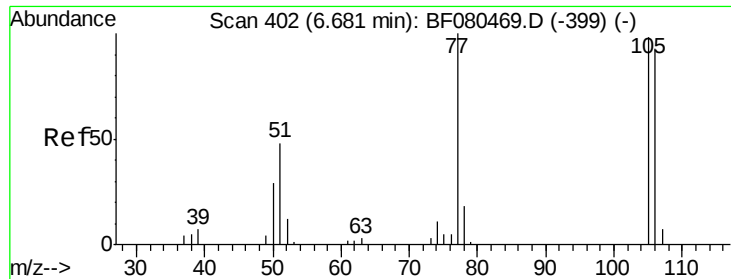


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.86 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

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BNA_F

ClientSampleId :

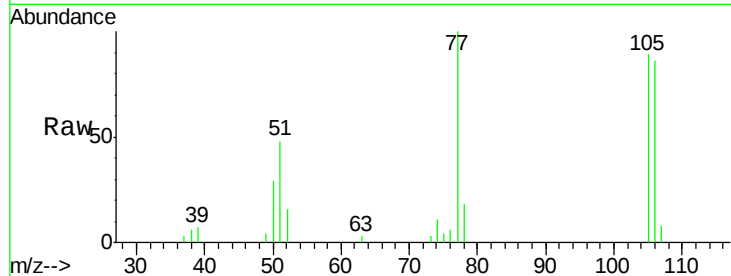
PB84447BS

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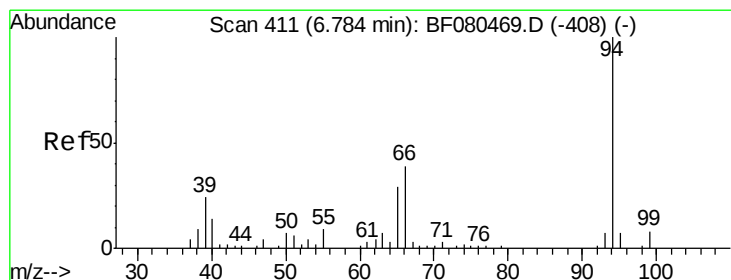
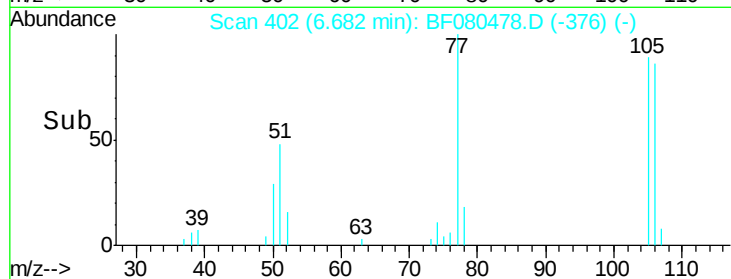
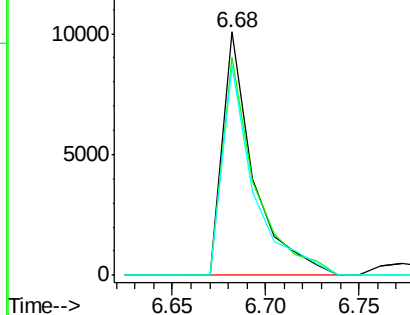
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Tgt Ion:	77	Resp:	11728
Ion	Ratio	Lower	Upper
77	100		
105	89.3	77.7	117.7
106	86.3	72.6	112.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.11 ng

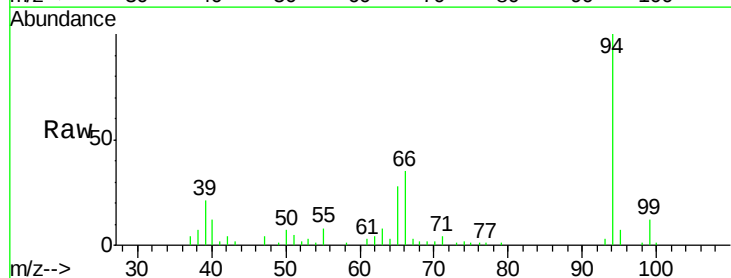
RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

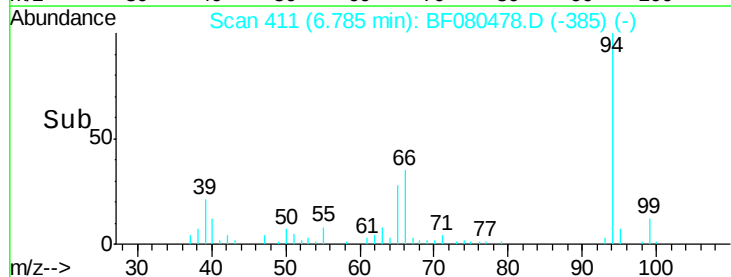
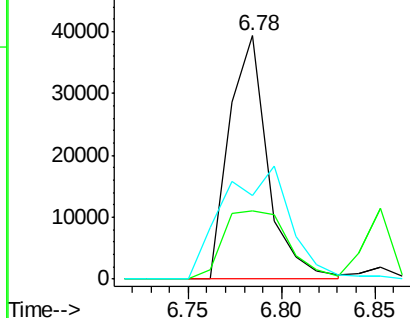
Lab File: BF080478.D

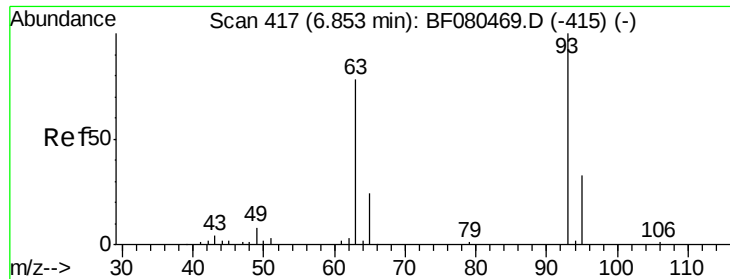
Acq: 15 Jul 2015 6:55

Tgt Ion:	94	Resp:	56779
Ion	Ratio	Lower	Upper
94	100		
65	28.2	9.3	49.3
66	34.5	19.3	59.3



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





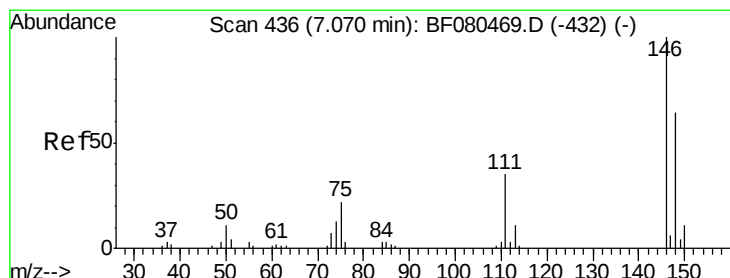
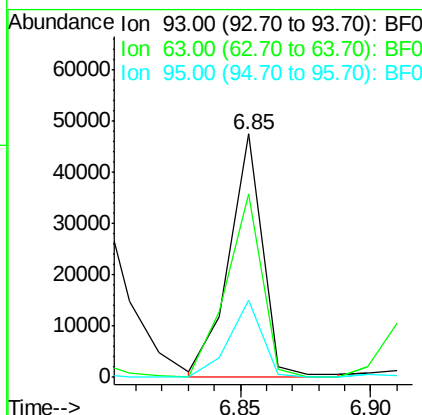
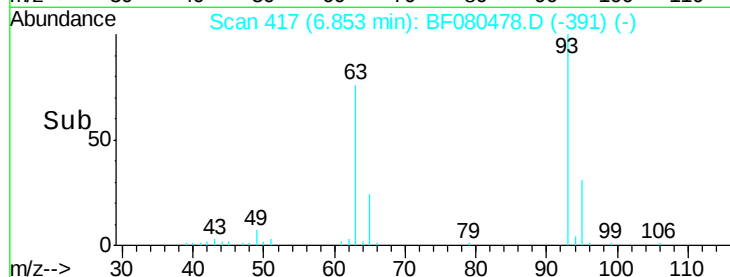
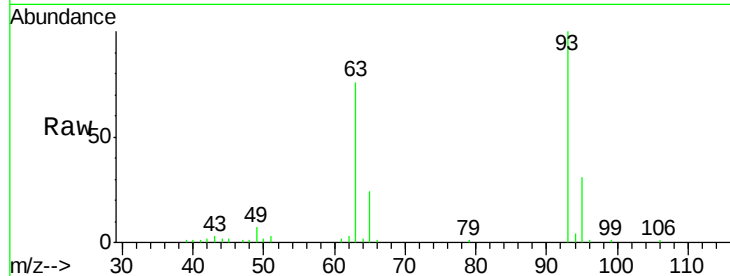
#11
bis(2-Chloroethyl)ether
Concen: 37.96 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Instrument :
BNA_F
ClientSampleId :
PB84447BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	75.6	56.4	96.4
95	31.5	12.4	52.4

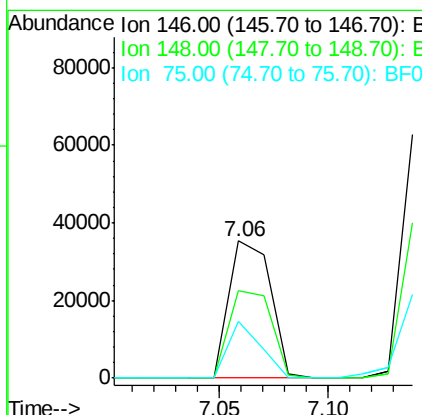
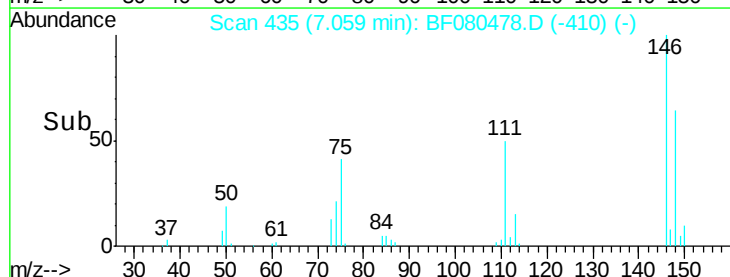
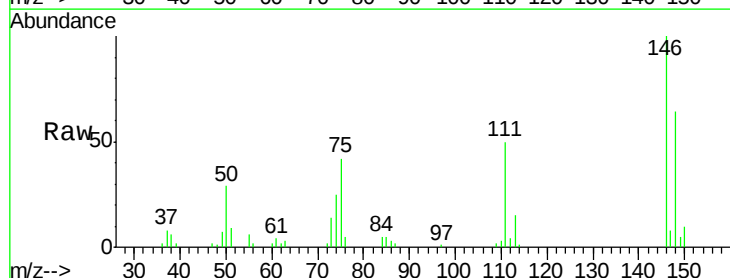
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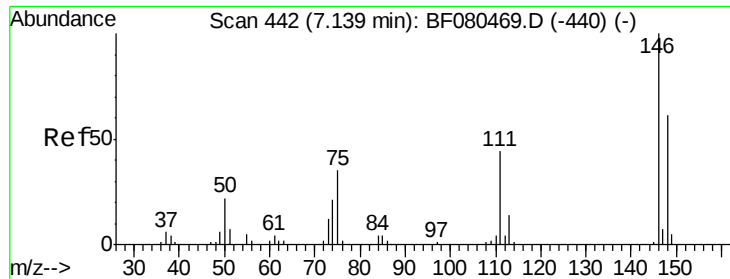
apatel
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#12
1,3-Dichlorobenzene
Concen: 36.14 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.6
75	41.8	17.3	25.9#





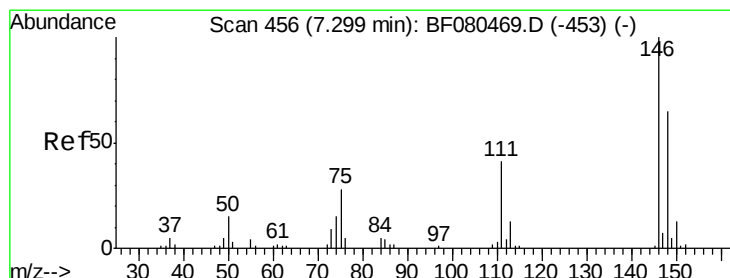
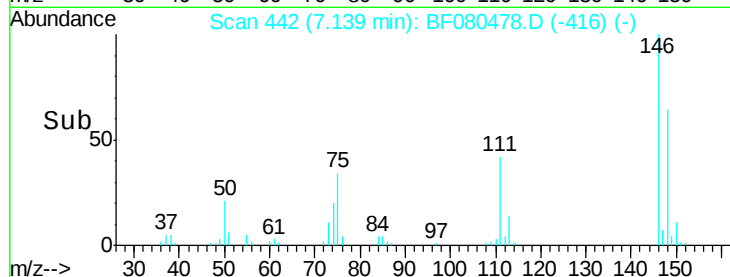
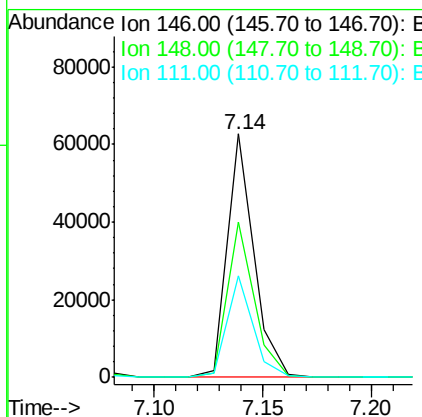
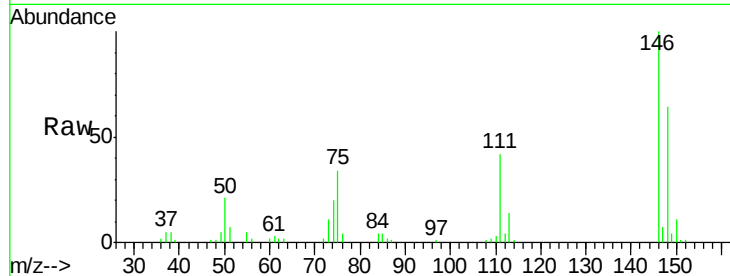
#13
 1,4-Dichlorobenzene
 Concen: 37.85 ng
 RT: 7.14 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	53150		
148	63.6	48.5	72.7	
111	41.6	35.0	52.4	

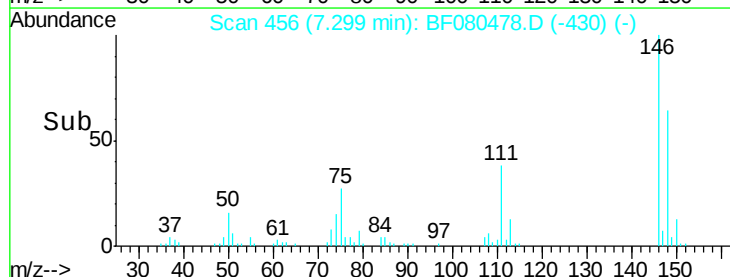
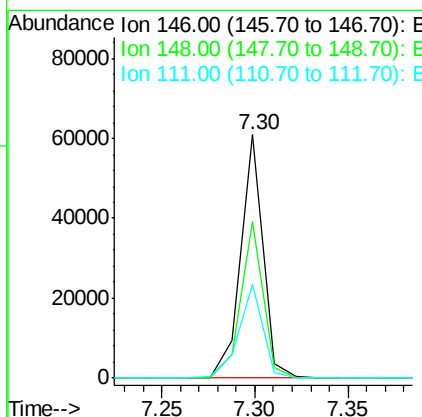
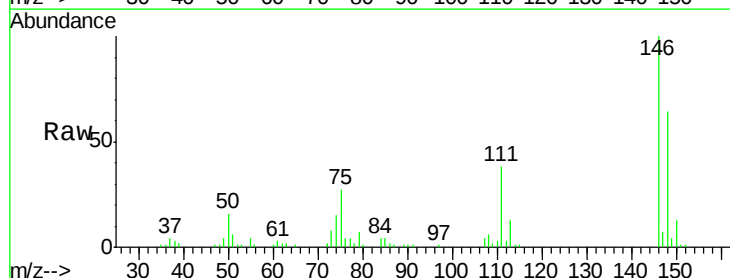
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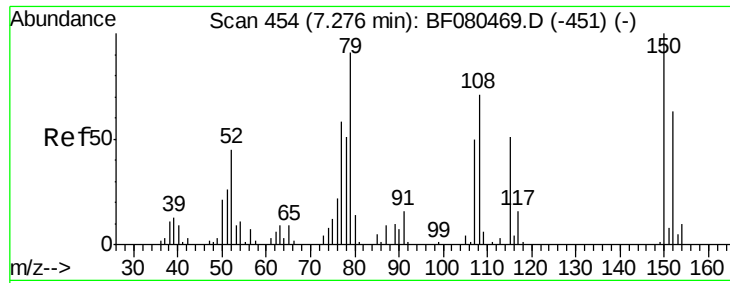
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#14
 1,2-Dichlorobenzene
 Concen: 37.64 ng
 RT: 7.30 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	51099		
148	64.3	51.7	77.5	
111	38.4	32.6	49.0	





#15

Benzyl Alcohol

Concen: 40.16 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

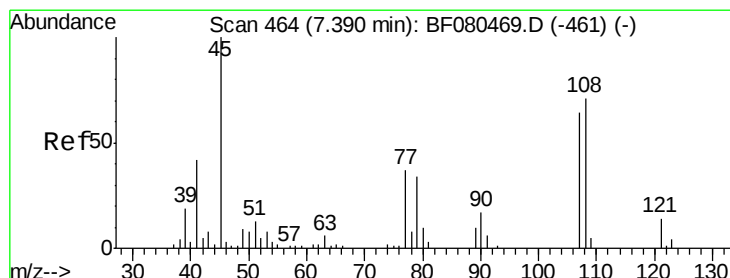
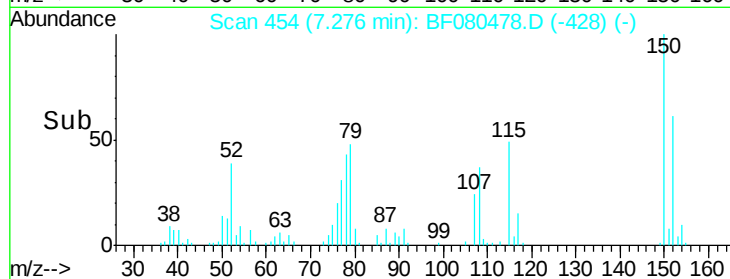
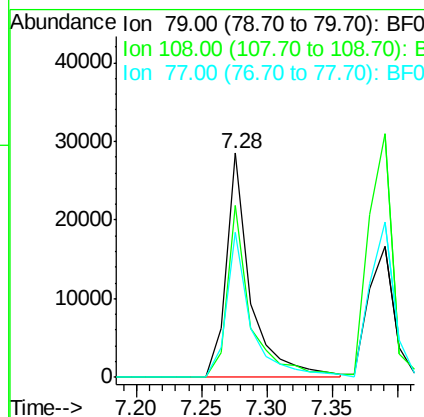
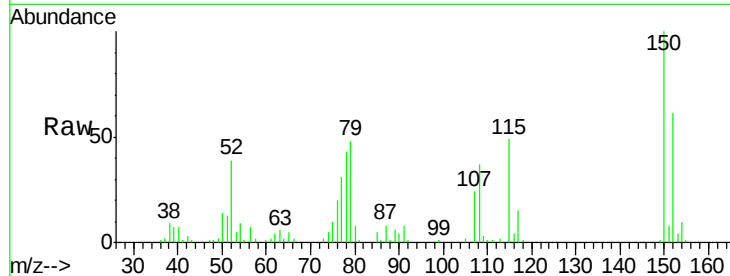
ClientSampled :

PB84447BS

Tgt Ion:	79	Resp:	37137
Ion Ratio	Lower	Upper	
79	100		
108	76.9	63.0	94.4
77	64.9	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.69 ng

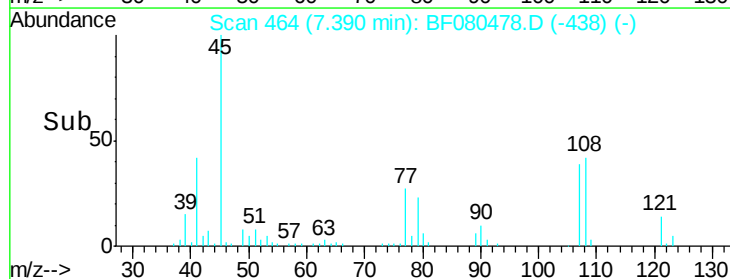
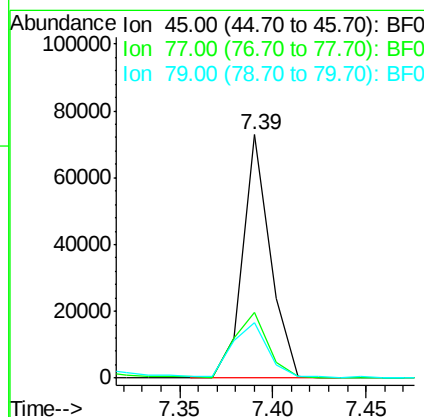
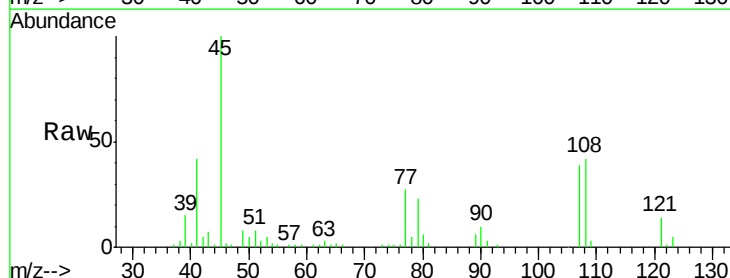
RT: 7.39 min Scan# 464

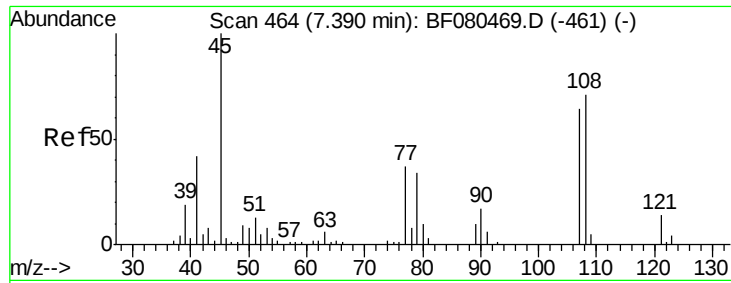
Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Tgt Ion:	45	Resp:	74693
Ion Ratio	Lower	Upper	
45	100		
77	27.2	17.4	57.4
79	22.8	14.7	54.7





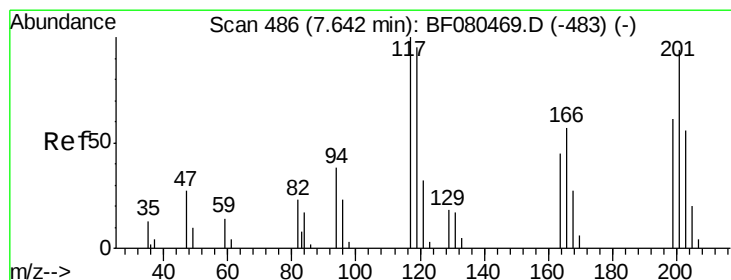
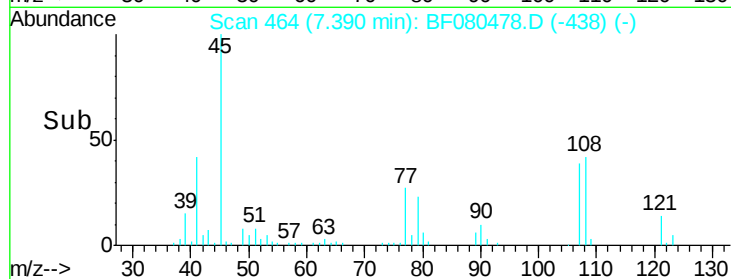
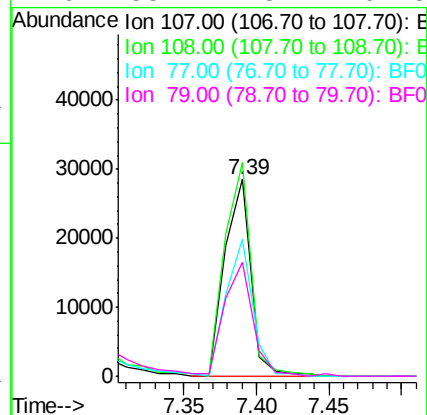
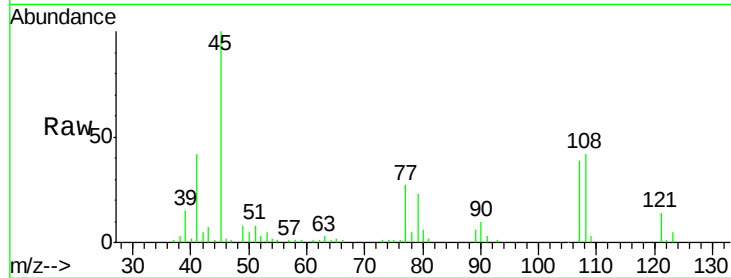
#17
 2-Methylphenol
 Concen: 39.64 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	35536		
108	108.6	89.0	133.4	
77	69.6	46.6	70.0	
79	58.2	43.2	64.8	

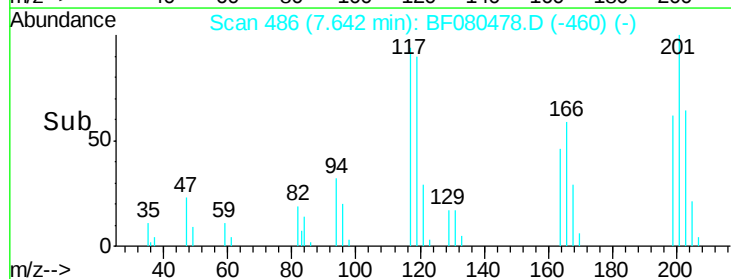
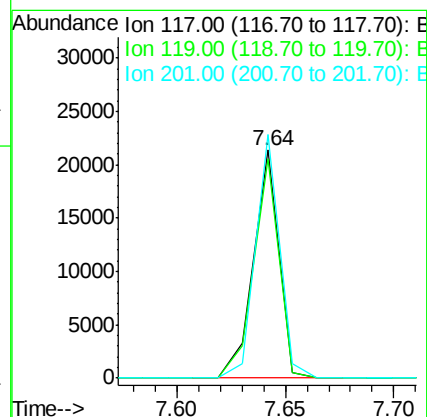
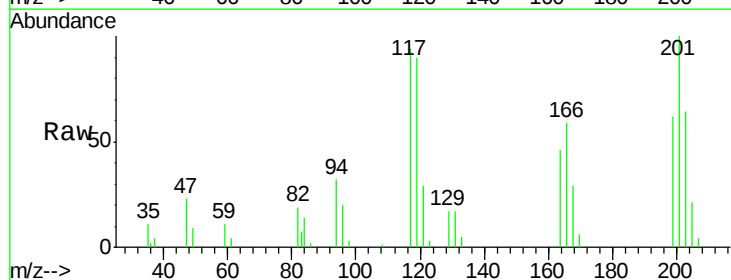
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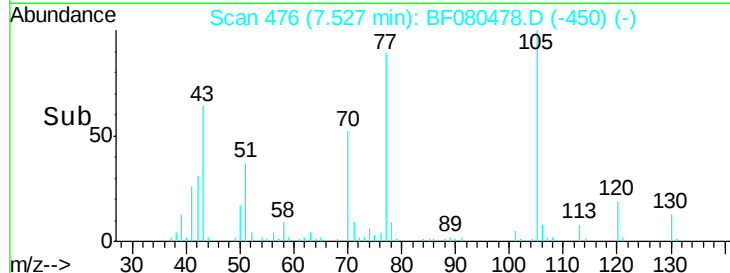
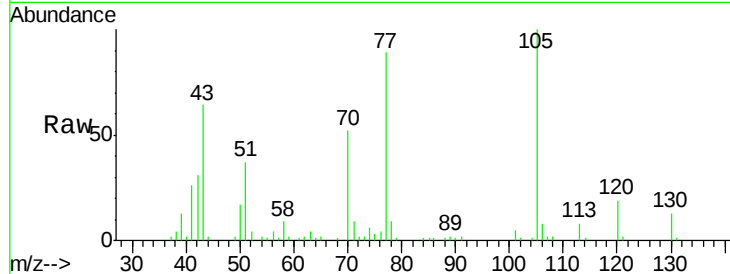
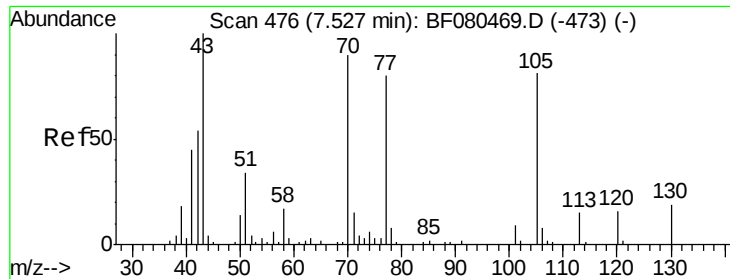
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#18
 Hexachloroethane
 Concen: 37.31 ng
 RT: 7.64 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	17260		
119	96.4	75.6	113.4	
201	106.8	75.0	112.6	





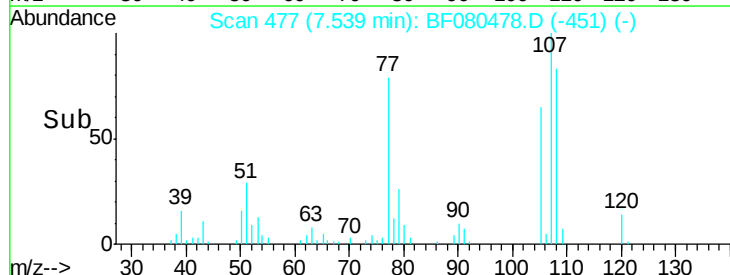
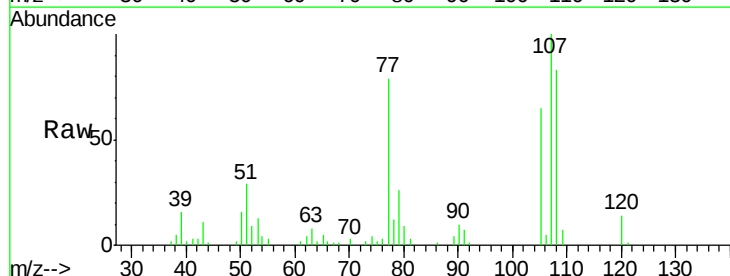
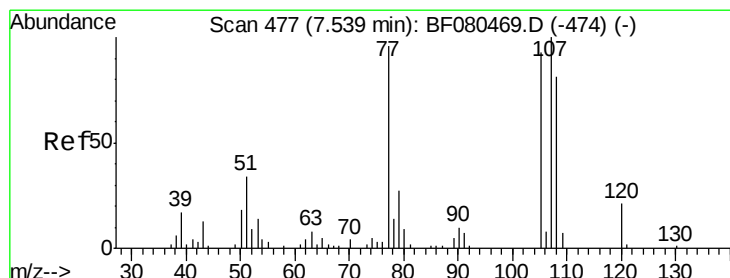
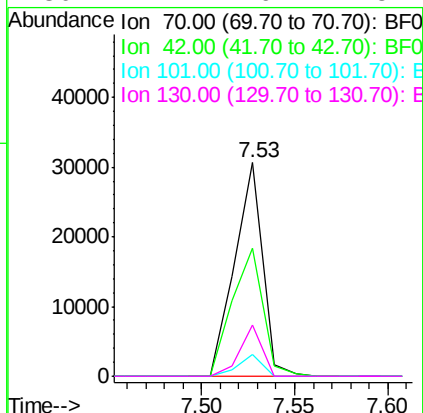
#19
n-Nitroso-di-n-propylamine
Concen: 36.80 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Instrument :
BNA_F
ClientSampleId :
PB84447BS

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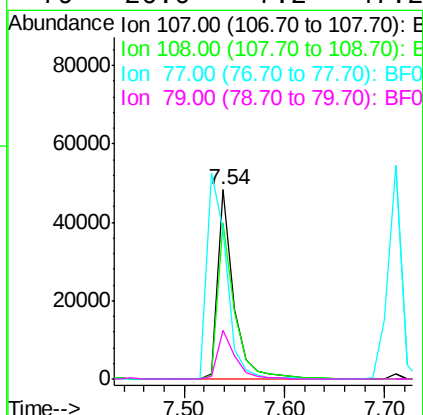
apatel
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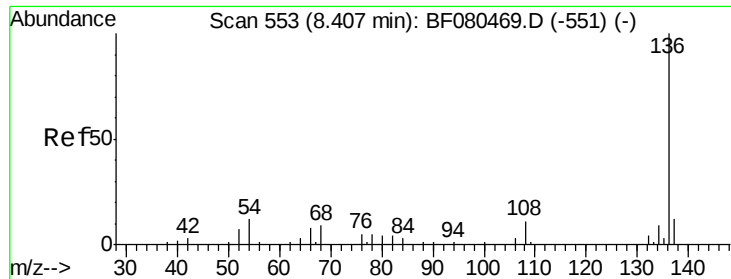
Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.2	48.0	72.0	
101	10.0	7.8	11.6	
130	24.1	16.7	25.1	



#20
3+4-Methylphenols
Concen: 42.07 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

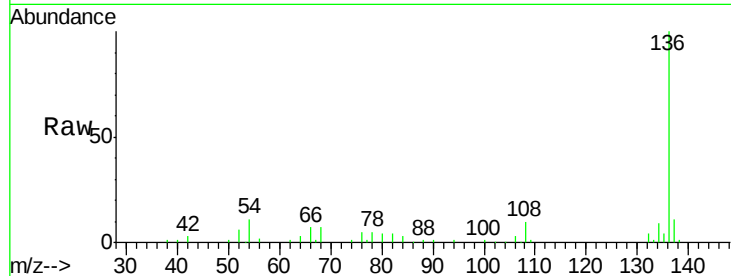
Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	82.7	61.4	101.4	
77	79.2	76.4	116.4	
79	26.0	7.2	47.2	





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.41 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

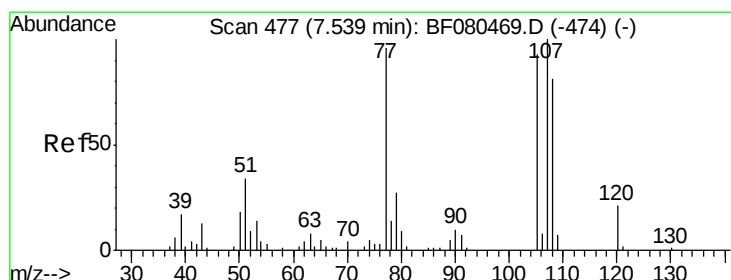
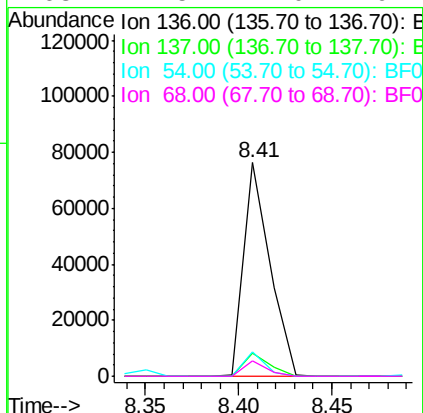
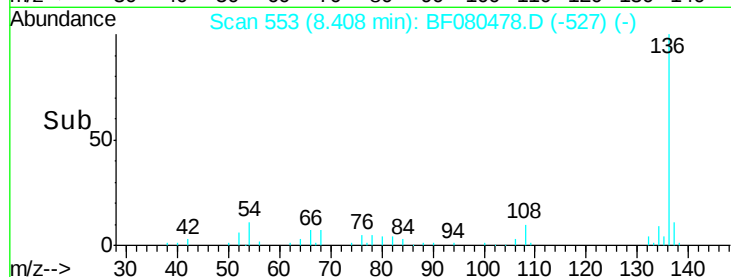
Instrument :
BNA_F
ClientSampleId :
PB84447BS



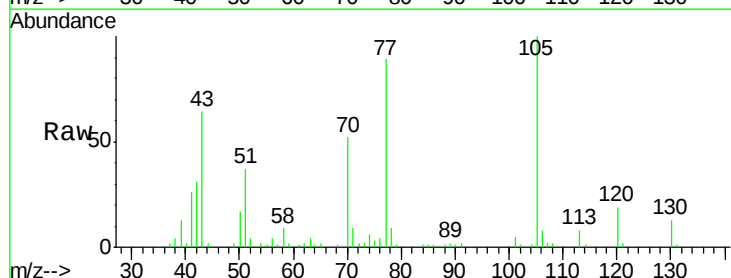
Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.6	9.5	14.3
54	11.5	9.8	14.8
68	7.5	7.0	10.4

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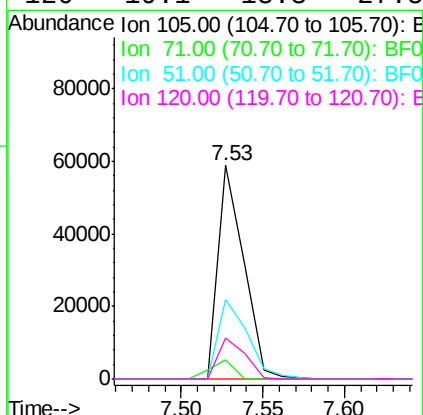
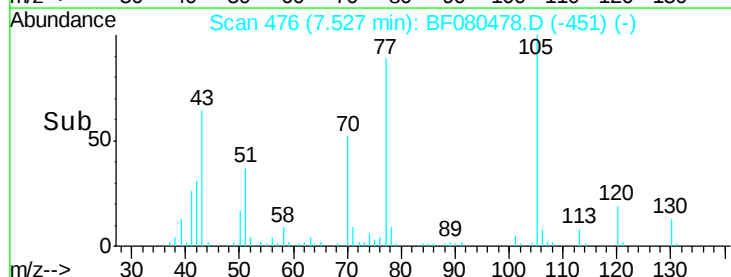
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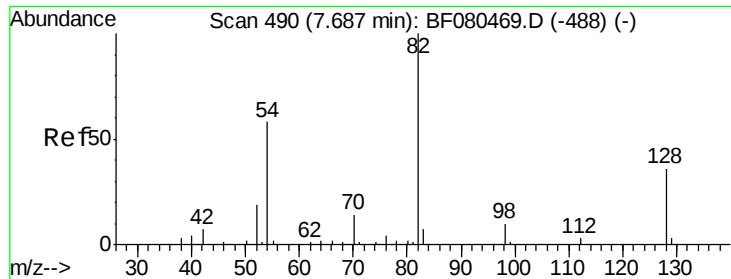


#22
Acetophenone
Concen: 36.79 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55



Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	8.8	0.0	0.0#
51	37.4	29.0	43.6
120	19.1	18.3	27.5





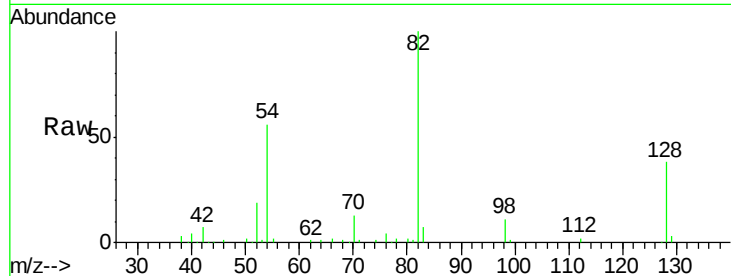
#23
 Nitrobenzene-d5
 Concen: 79.39 ng
 RT: 7.69 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

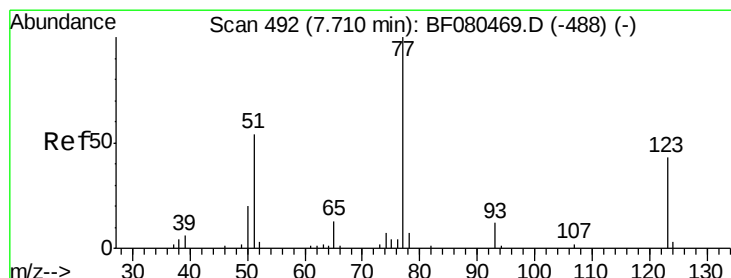
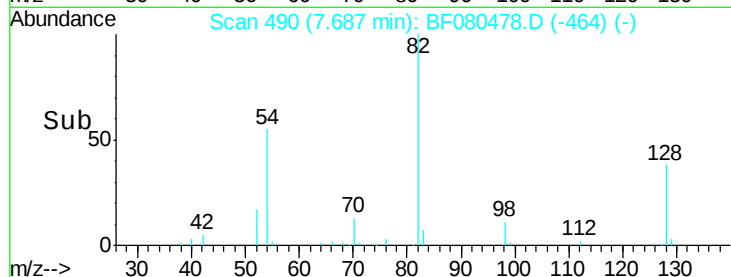
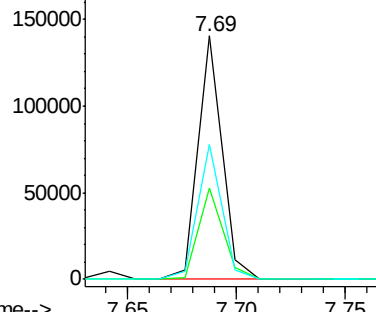
Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	37.7	29.0	43.4
54	55.5	46.4	69.6

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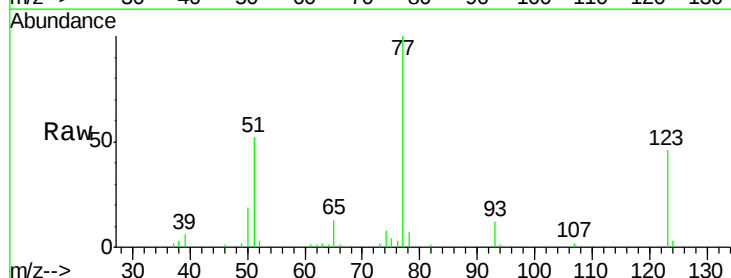


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

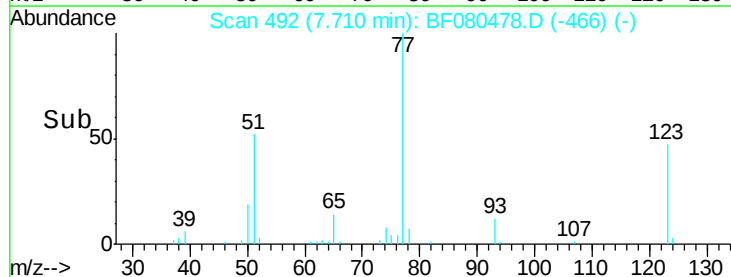
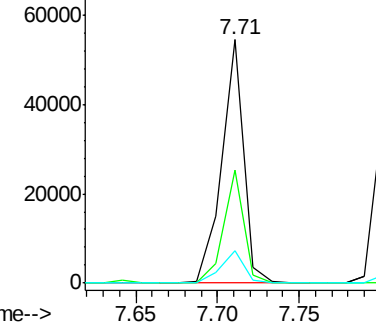


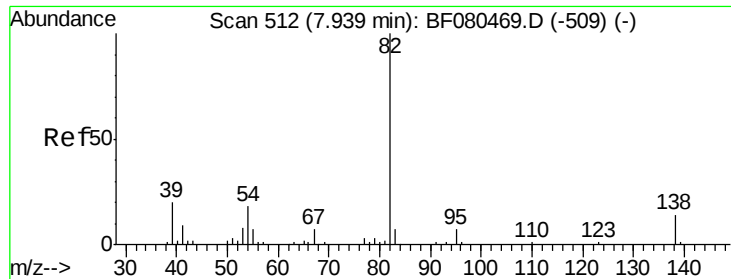
#24
 Nitrobenzene
 Concen: 33.71 ng
 RT: 7.71 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	46.4	34.6	51.8
65	13.5	10.2	15.2



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





#25

Isophorone

Concen: 39.22 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

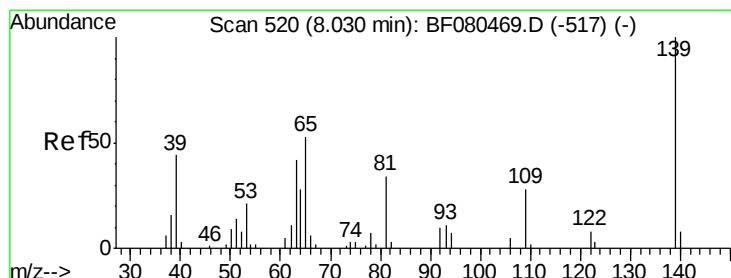
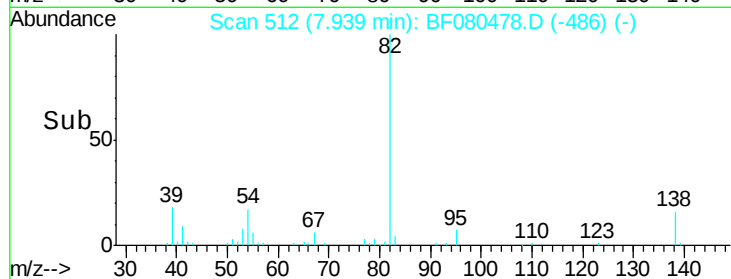
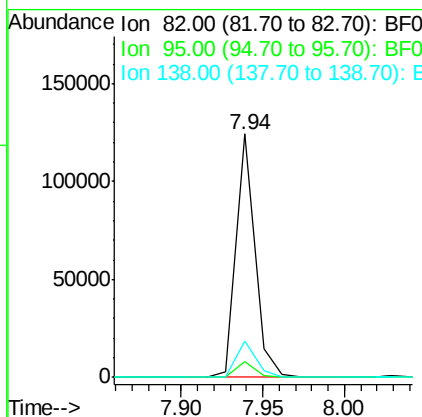
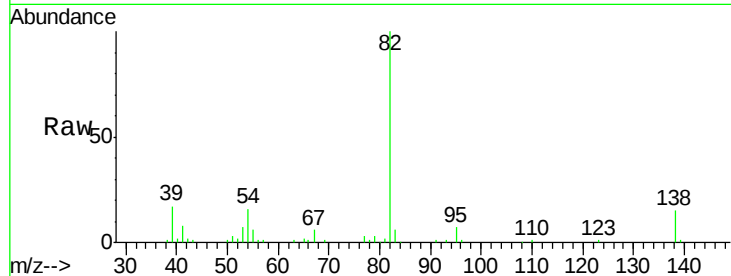
ClientSampleId :

PB84447BS

Tgt Ion:	82	Resp:	98625
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.5	8.3
138	15.1	10.8	16.2

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#26

2-Nitrophenol

Concen: 35.30 ng

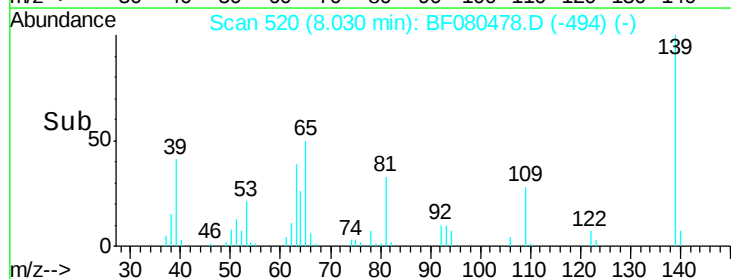
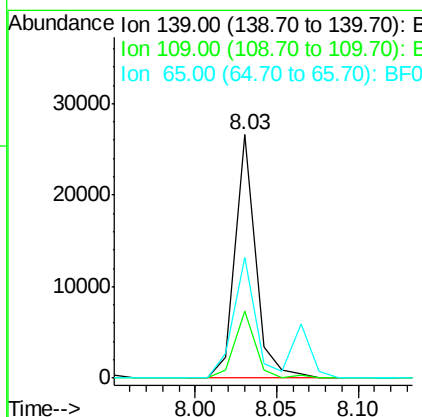
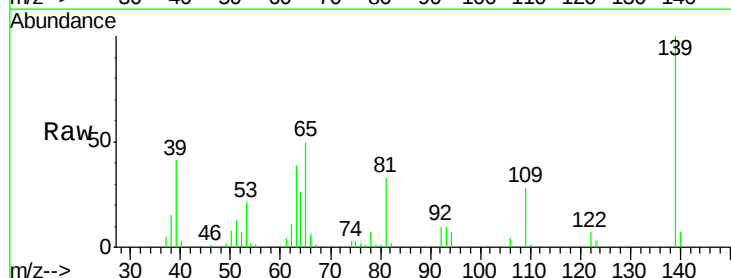
RT: 8.03 min Scan# 520

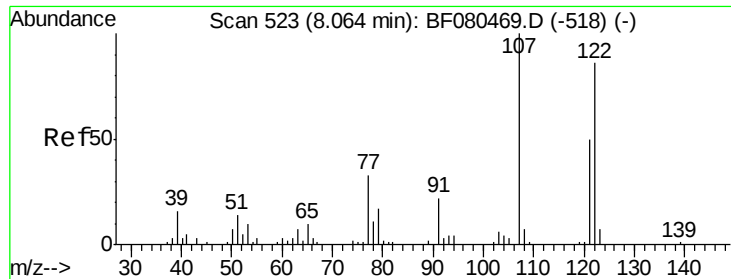
Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Tgt Ion:	139	Resp:	22993
Ion Ratio	Lower	Upper	
139	100		
109	27.6	22.6	33.8
65	49.8	42.4	63.6





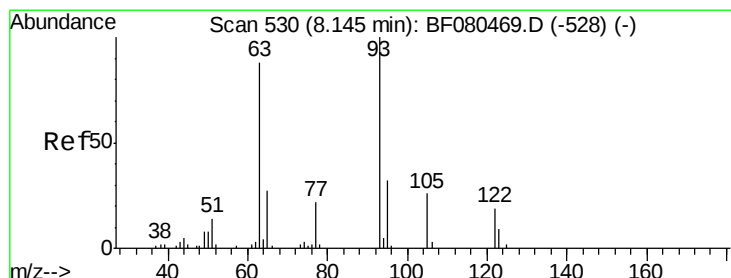
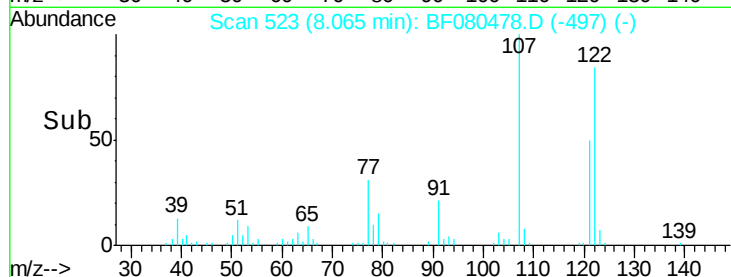
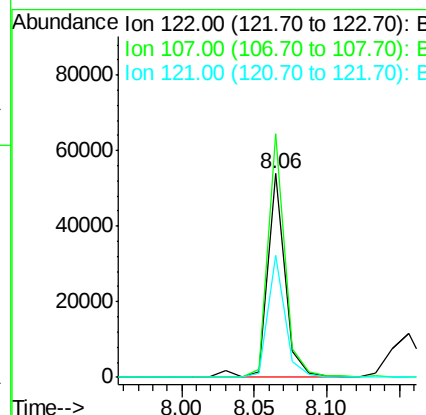
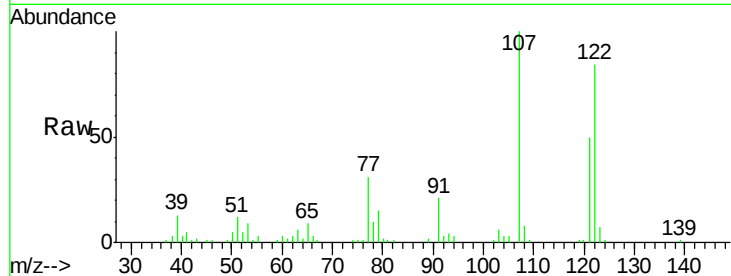
#27
 2,4-Dimethylphenol
 Concen: 37.78 ng
 RT: 8.06 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	45130		
107	119.5	93.3	139.9	
121	60.0	47.1	70.7	

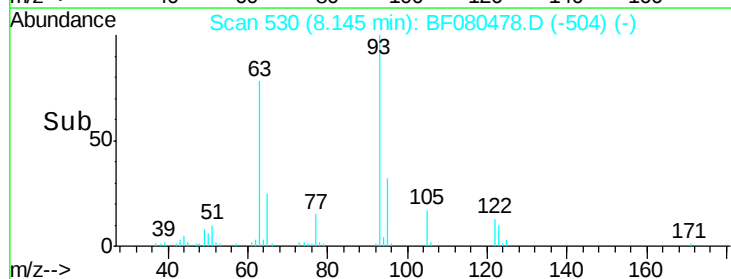
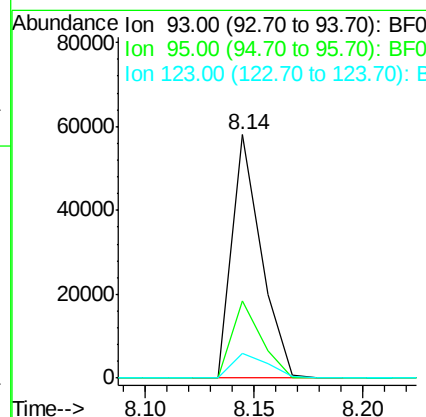
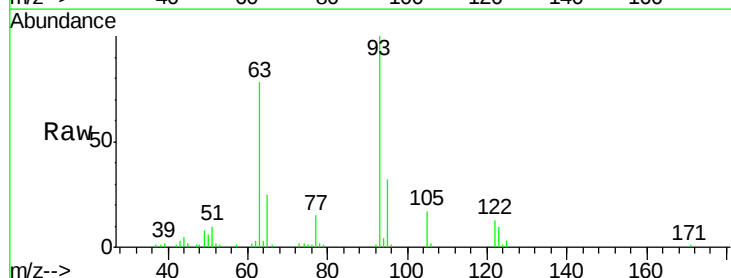
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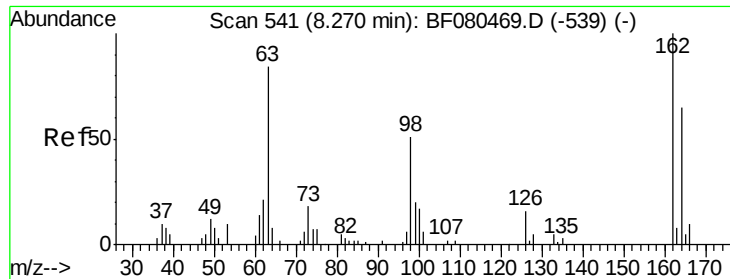
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.16 ng
 RT: 8.14 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	53974		
95	31.6	25.4	38.2	
123	10.0	7.5	11.3	





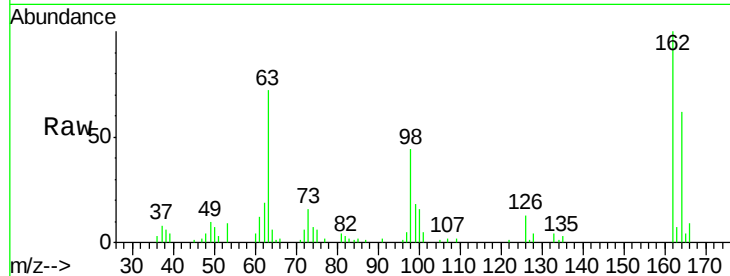
#29
 2,4-Dichlorophenol
 Concen: 39.36 ng
 RT: 8.27 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

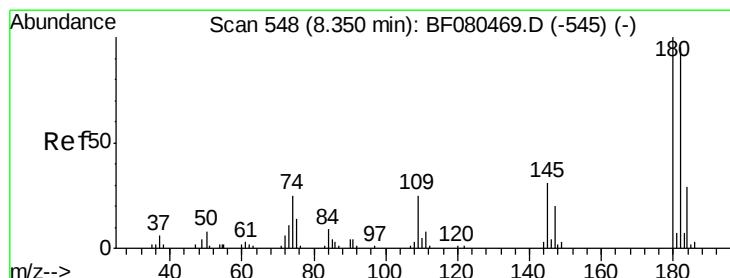
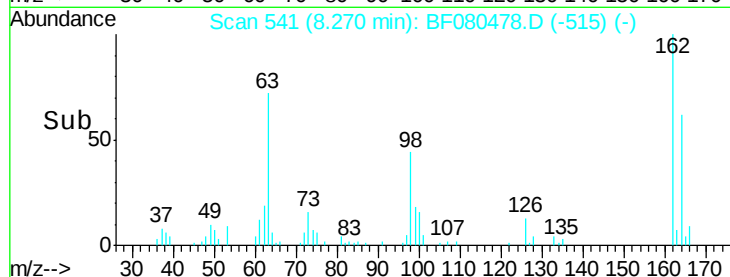
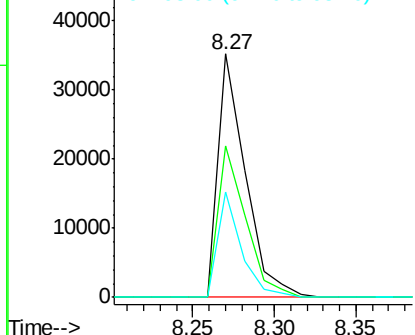
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	40989		
164	62.3	44.7	84.7	
98	43.5	31.5	71.5	

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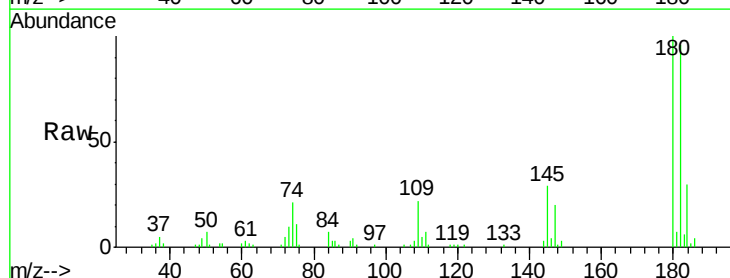


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

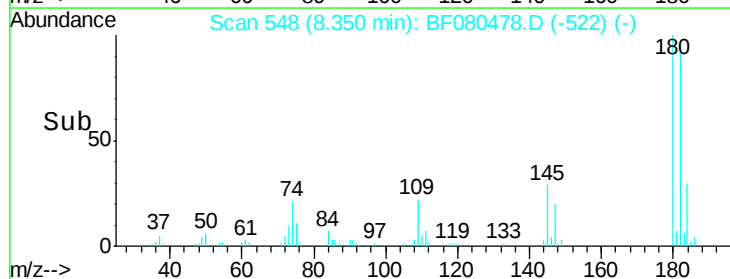
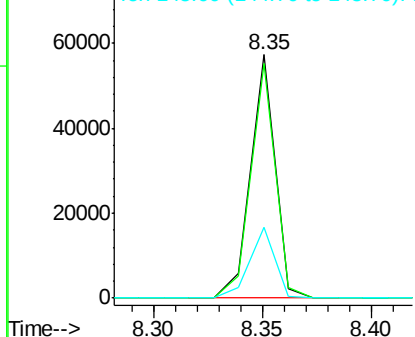


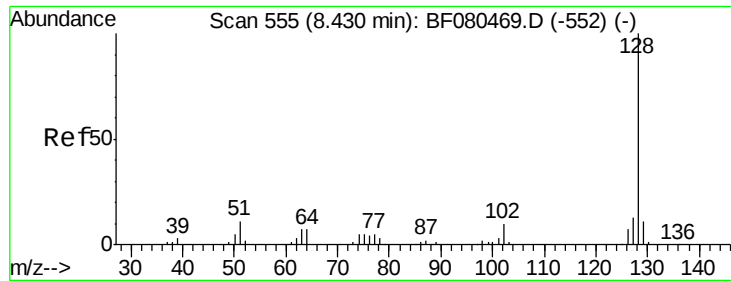
#30
 1,2,4-Trichlorobenzene
 Concen: 34.68 ng
 RT: 8.35 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	44945		
182	96.2	76.4	114.6	
145	28.9	24.8	37.2	



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





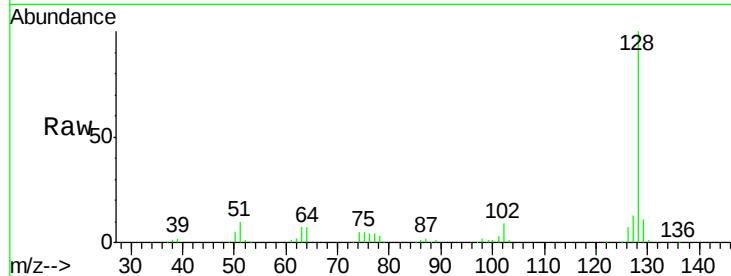
#31
Naphthalene
Concen: 36.60 ng
RT: 8.43 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Instrument :
BNA_F
ClientSampleId :
PB84447BS

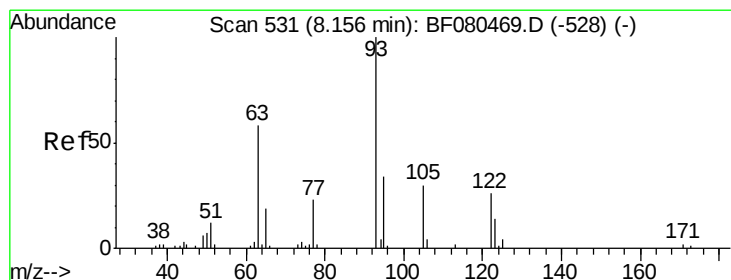
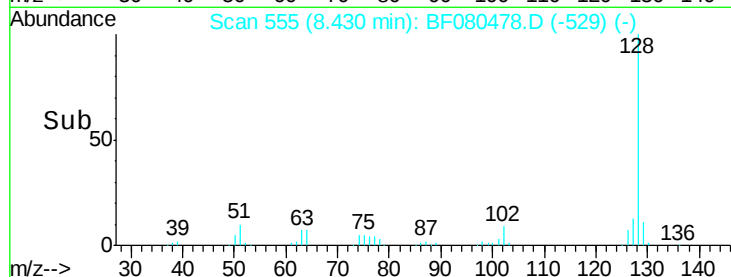
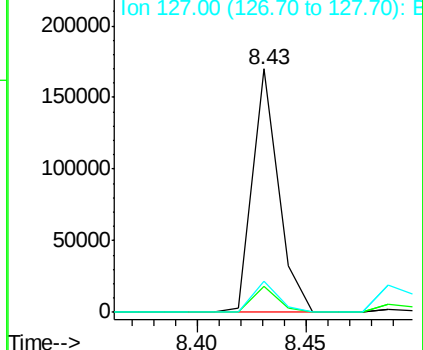
Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.8	8.9	13.3
127	12.5	10.2	15.2

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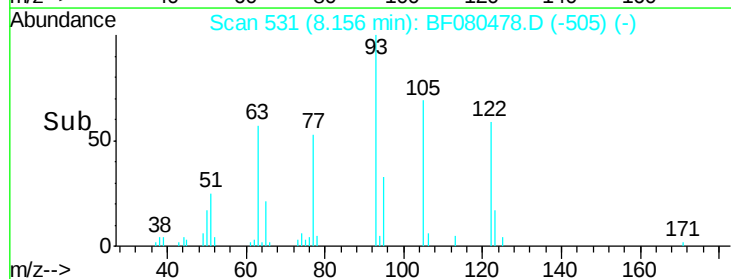
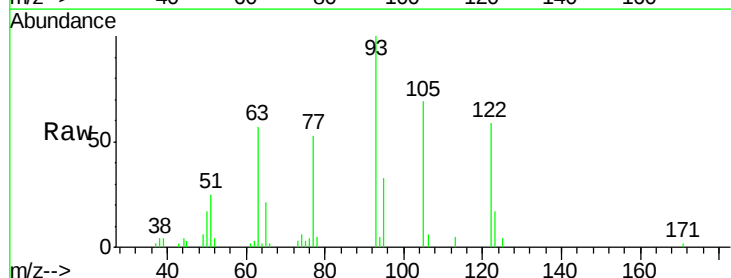
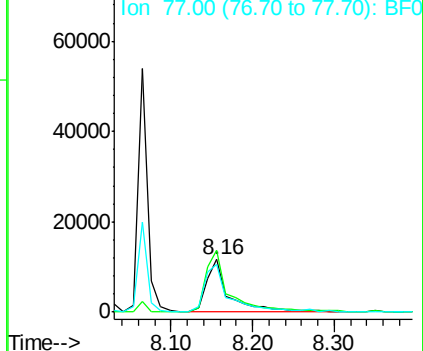
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

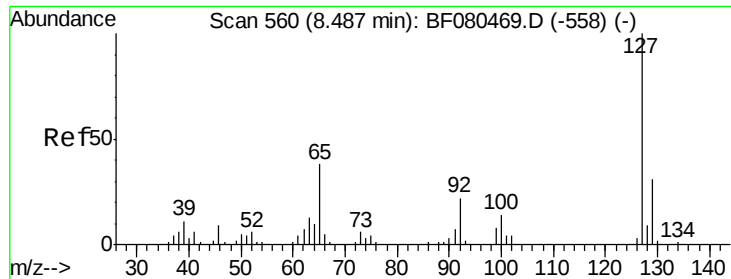


#32
Benzoic acid
Concen: 41.99 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	117.7	95.4	135.4
77	90.3	70.0	110.0

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





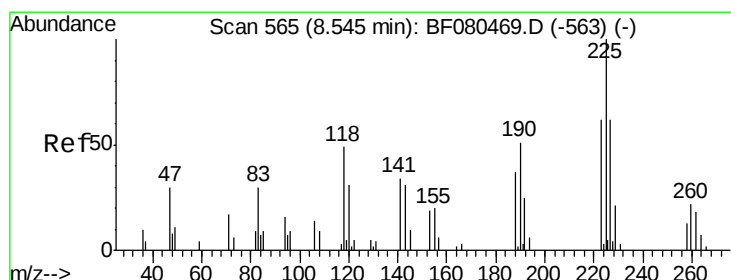
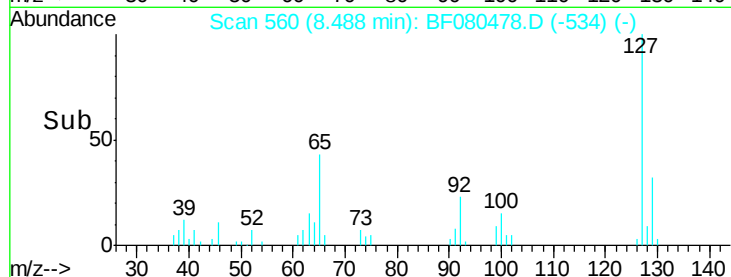
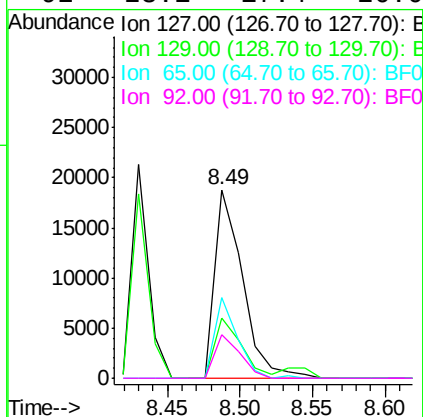
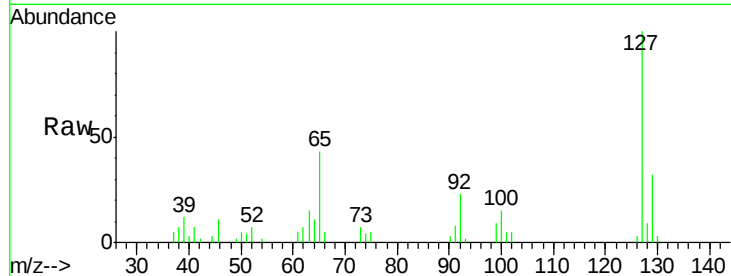
#33
4-Chloroaniline
Concen: 16.34 ng
RT: 8.49 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Instrument :
BNA_F
ClientSampleId :
PB84447BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	25092		
129	32.2	25.1	37.7	
65	42.9	30.0	45.0	
92	23.1	17.4	26.0	

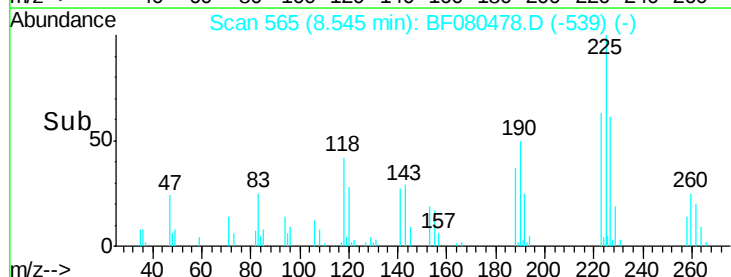
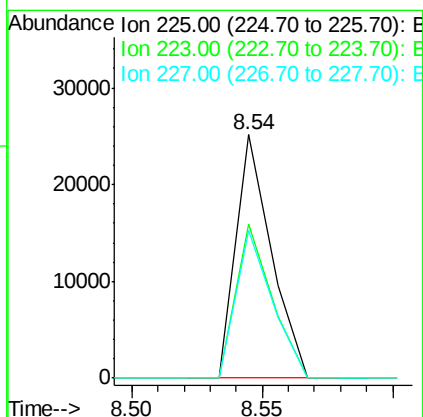
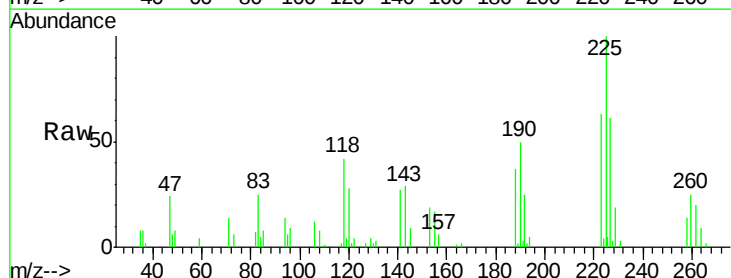
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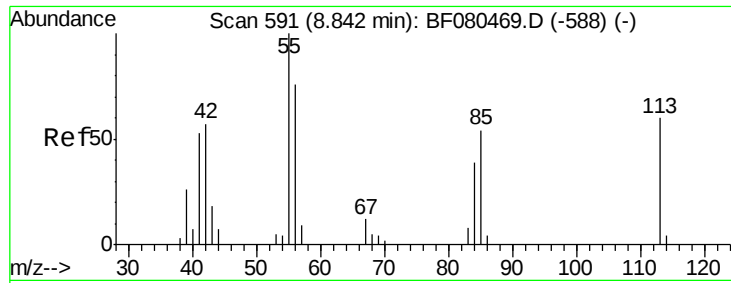
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#34
Hexachlorobutadiene
Concen: 36.23 ng
RT: 8.54 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	23784		
223	63.1	49.9	74.9	
227	60.7	49.2	73.8	





#35

Caprolactam

Concen: 41.68 ng

RT: 8.83 min Scan# 590

Delta R.T. -0.01 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

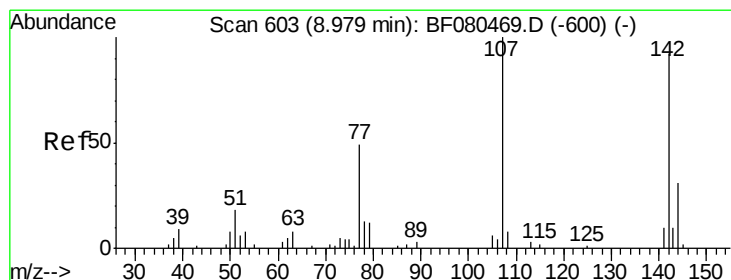
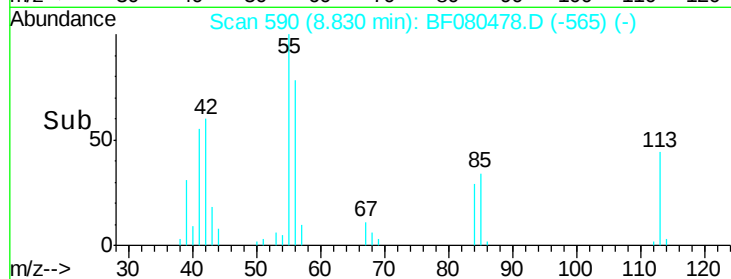
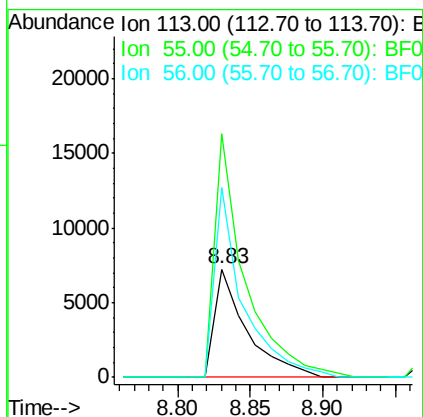
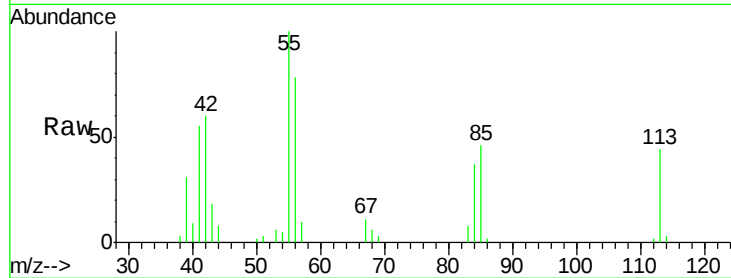
ClientSampleId :

PB84447BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	225.0	147.5	187.5#
56	175.8	106.7	146.7#

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#36

4-Chloro-3-methylphenol

Concen: 38.67 ng

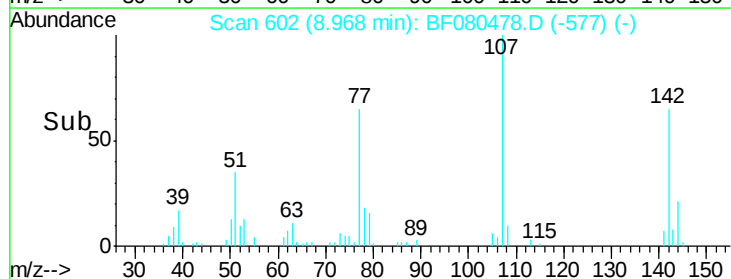
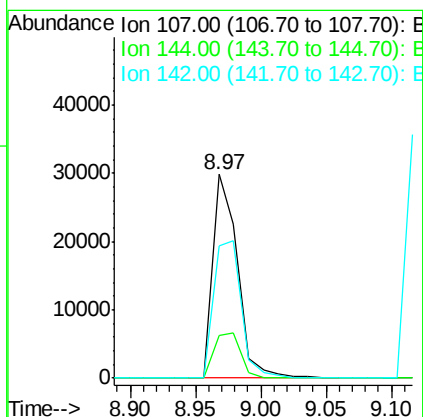
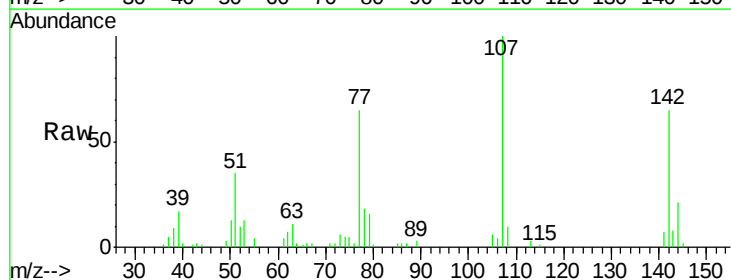
RT: 8.97 min Scan# 602

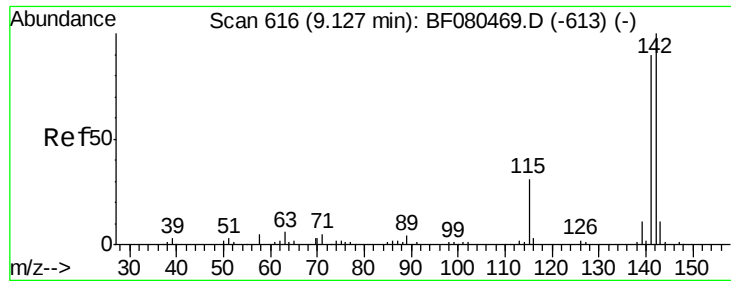
Delta R.T. -0.01 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Lower	Upper
107	100		
144	20.9	24.8	37.2#
142	64.8	73.4	110.0#





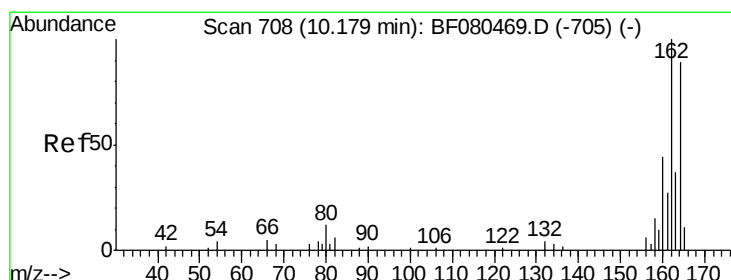
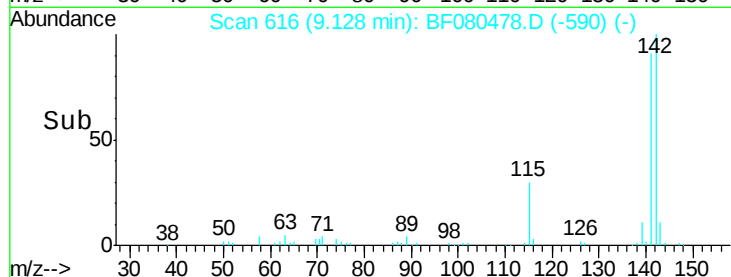
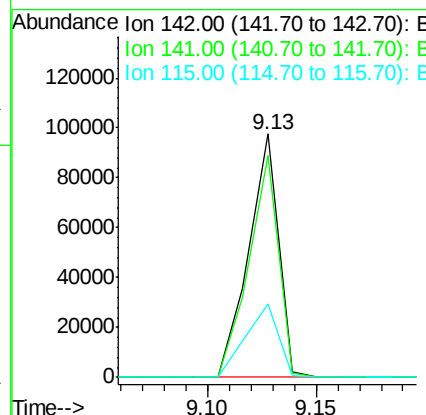
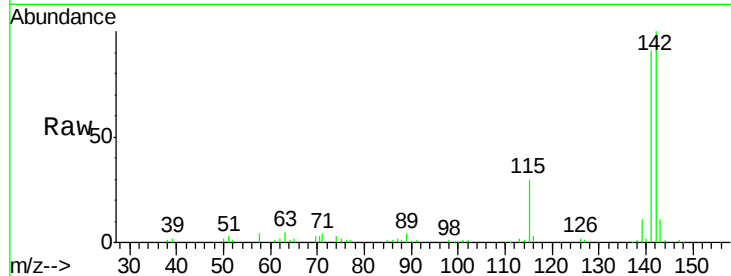
#37
 2-Methylnaphthalene
 Concen: 35.32 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	92807		
141	90.9	71.6	107.4	
115	30.3	24.6	37.0	

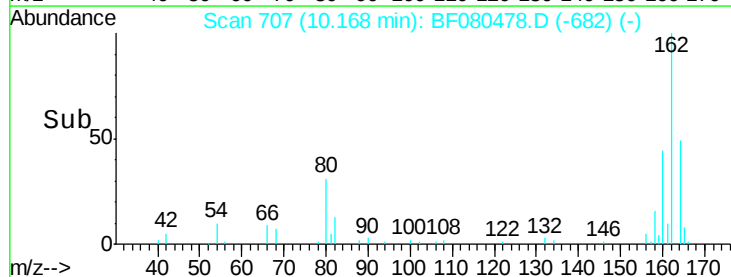
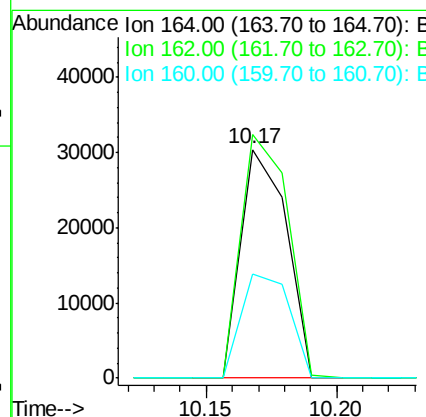
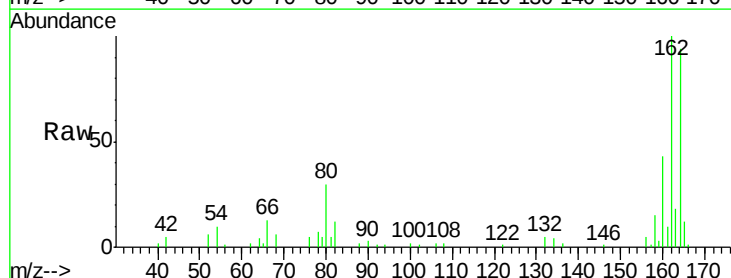
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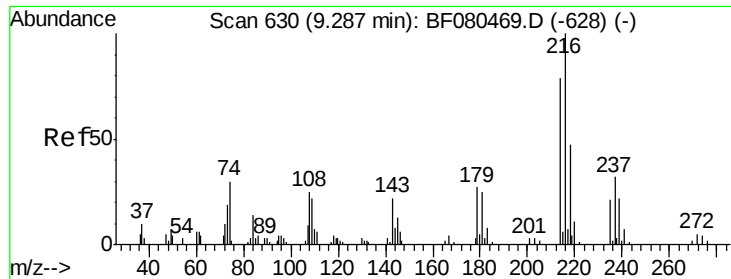
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.17 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	37335		
162	106.6	89.8	134.8	
160	45.5	39.5	59.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.10 ng

RT: 9.29 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF080478.D

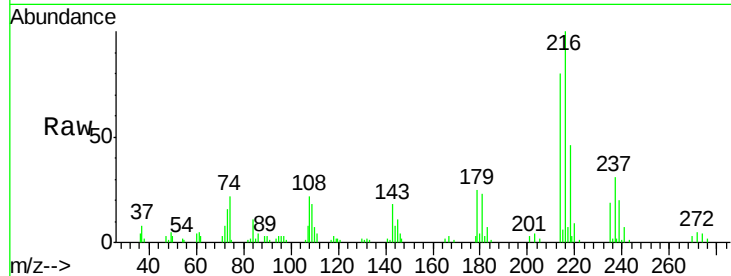
Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

ClientSampleId :

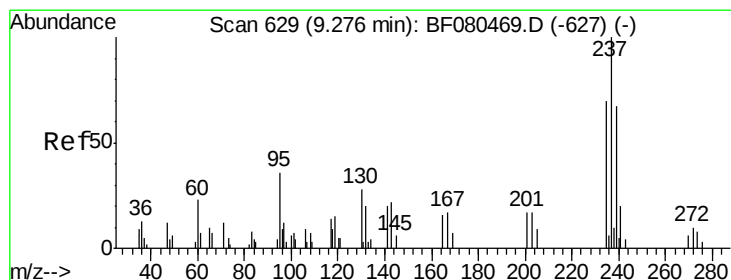
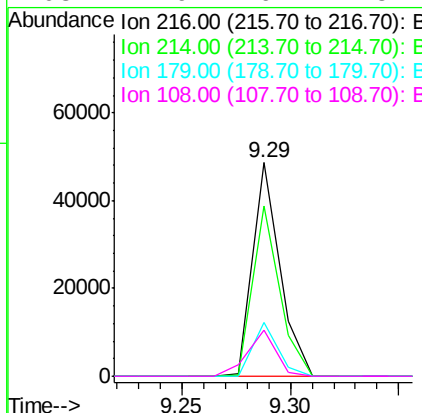
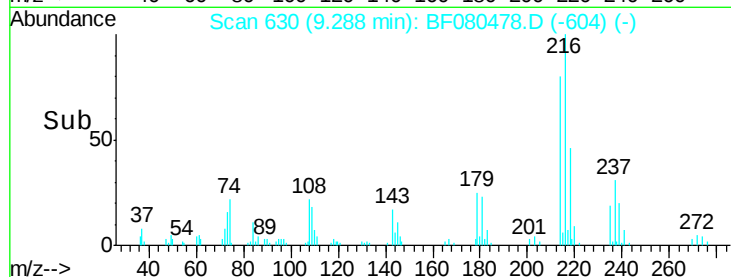
PB84447BS



Tgt Ion:	216	Resp:	42240
Ion Ratio	Lower	Upper	
216	100		
214	78.7	63.0	94.4
179	22.8	18.3	27.5
108	22.9	16.7	25.1

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#40

Hexachlorocyclopentadiene

Concen: 67.23 ng

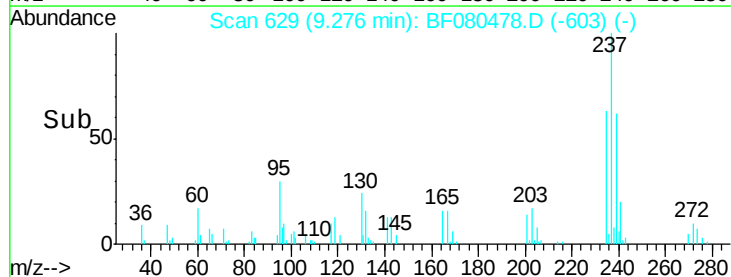
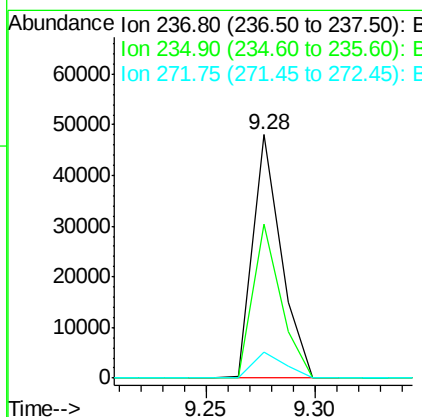
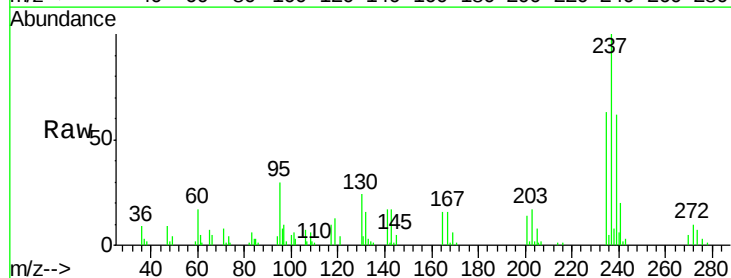
RT: 9.28 min Scan# 629

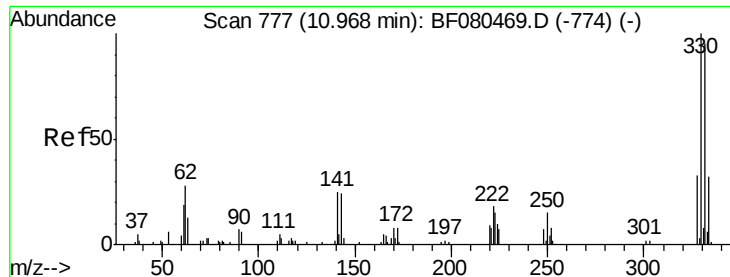
Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Tgt Ion:	237	Resp:	43471
Ion Ratio	Lower	Upper	
237	100		
235	63.2	49.9	89.9
272	10.5	0.0	30.0





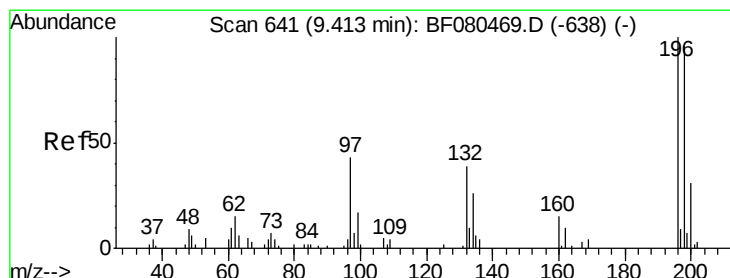
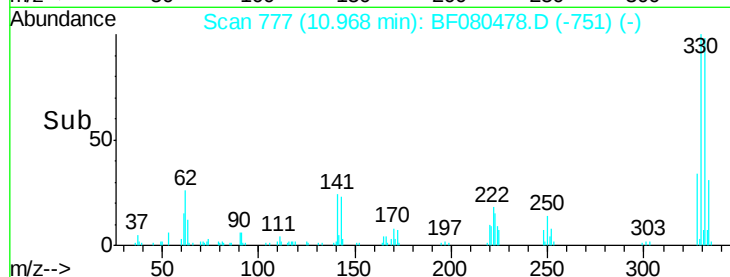
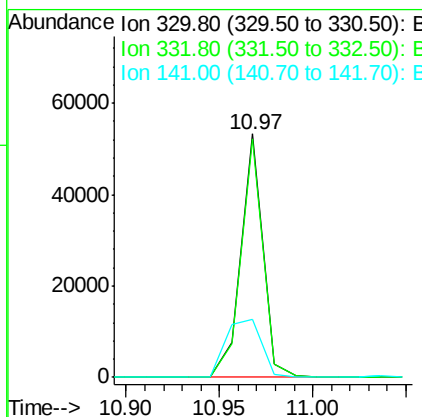
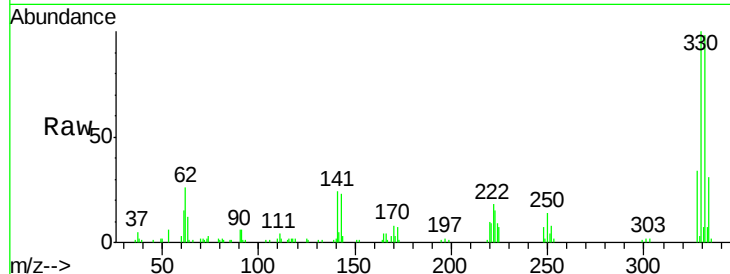
#41
 2,4,6-Tribromophenol
 Concen: 124.99 ng
 RT: 10.97 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	44107		
332	97.5	76.2	114.4	
141	38.8	29.8	44.6	

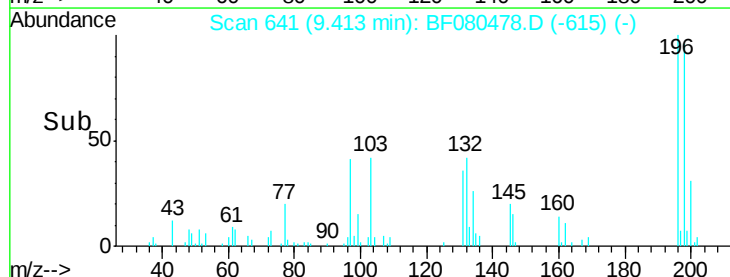
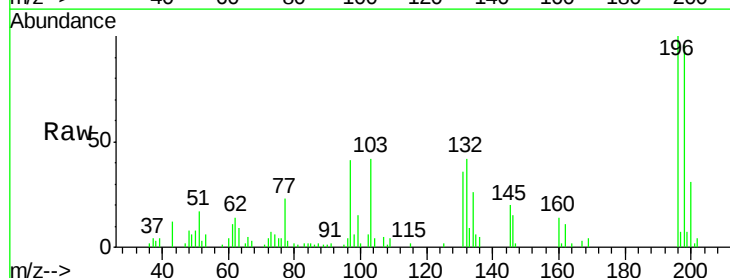
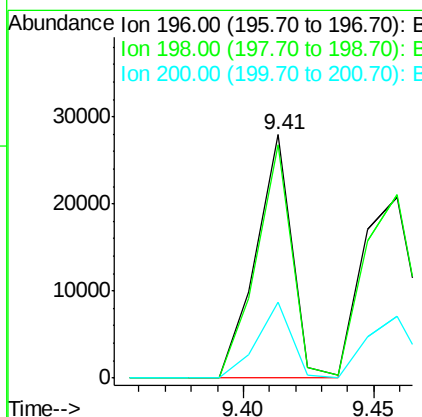
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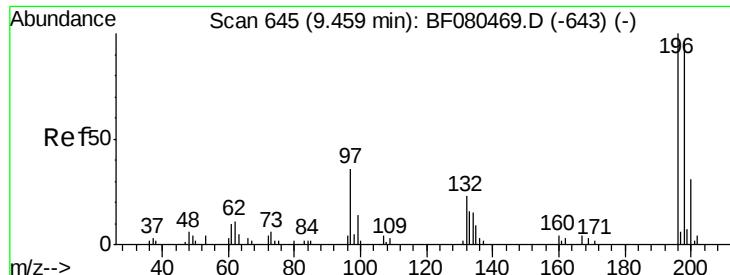
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#42
 2,4,6-Trichlorophenol
 Concen: 34.99 ng
 RT: 9.41 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

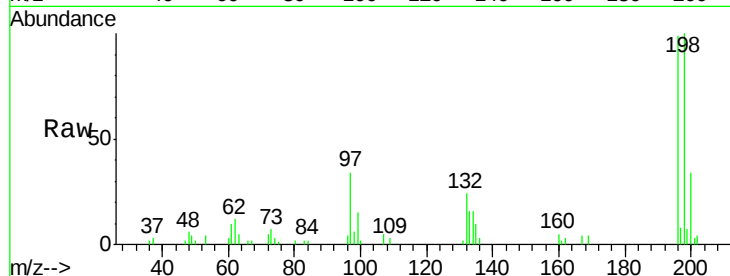
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	26951		
198	96.0	77.2	115.8	
200	31.1	24.7	37.1	





#43
 2,4,5-Trichlorophenol
 Concen: 36.78 ng
 RT: 9.46 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

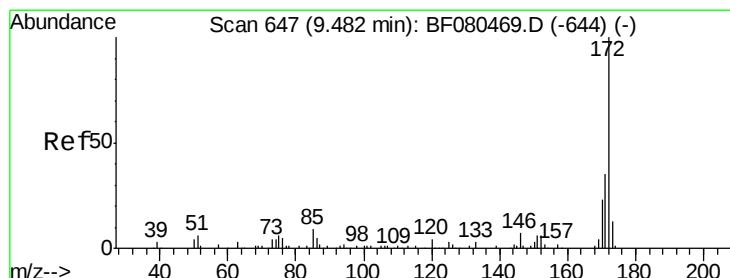
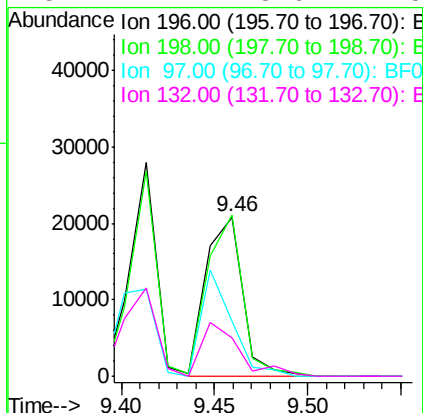
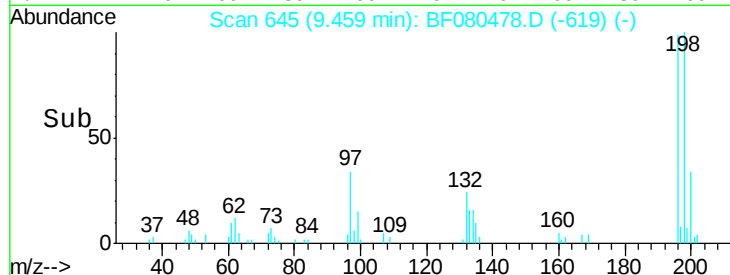
Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS



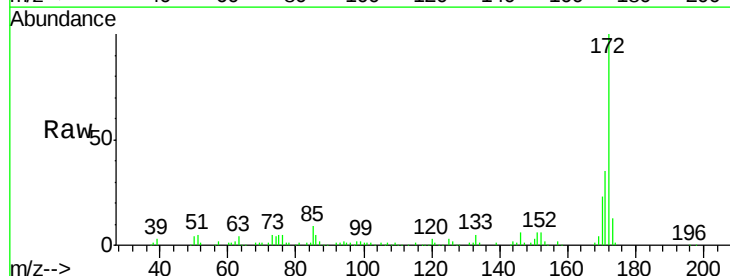
Tgt Ion:	196	Resp:	28546
Ion Ratio	Lower	Upper	
196	100		
198	101.1	77.0	115.6
97	34.5	28.6	43.0
132	24.4	18.6	27.8

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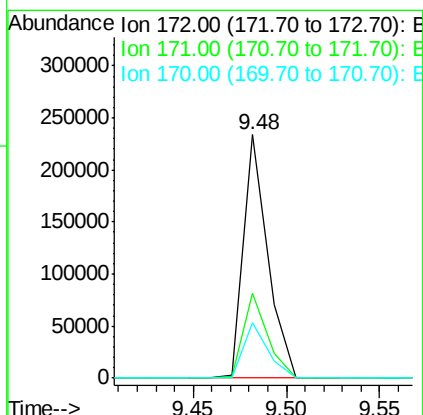
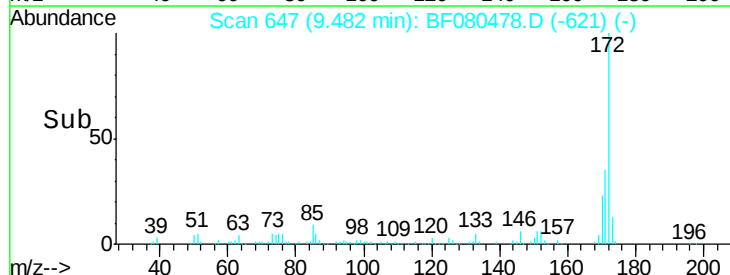
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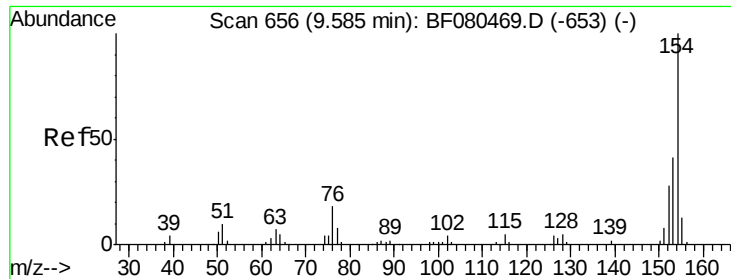


#44
 2-Fluorobiphenyl
 Concen: 77.27 ng
 RT: 9.48 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55



Tgt Ion:	172	Resp:	210568
Ion Ratio	Lower	Upper	
172	100		
171	35.1	27.9	41.9
170	22.8	18.5	27.7





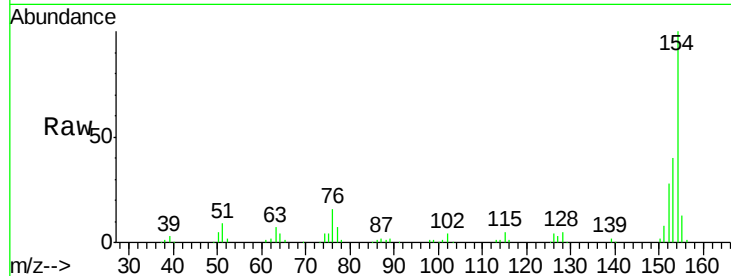
#45
 1,1'-Biphenyl
 Concen: 36.04 ng
 RT: 9.58 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

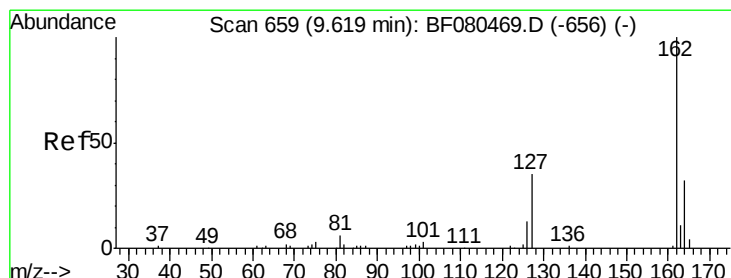
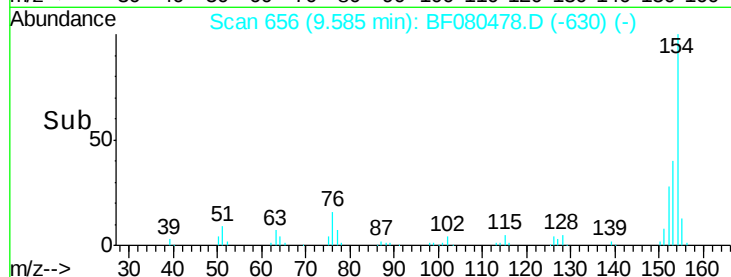
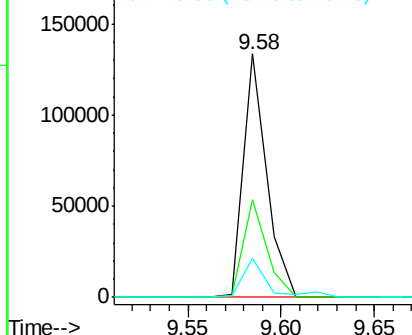
Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.3	20.8	60.8
76	16.1	0.0	37.7

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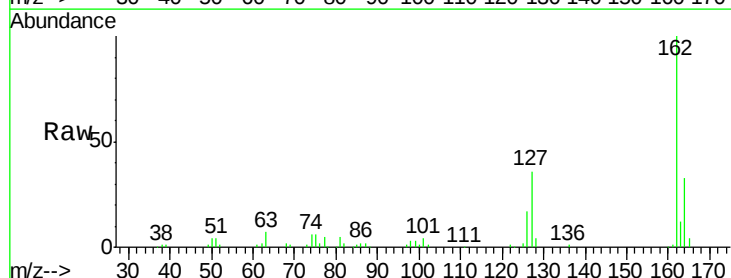


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

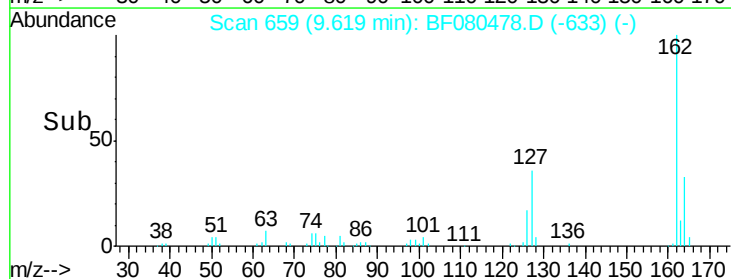
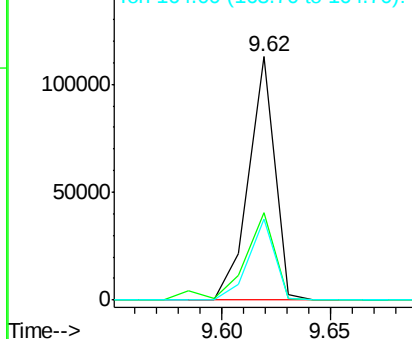


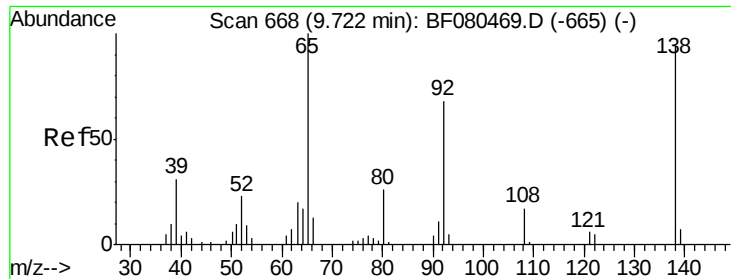
#46
 2-Chloronaphthalene
 Concen: 35.53 ng
 RT: 9.62 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	36.0	30.4	45.6
164	33.4	25.8	38.8



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





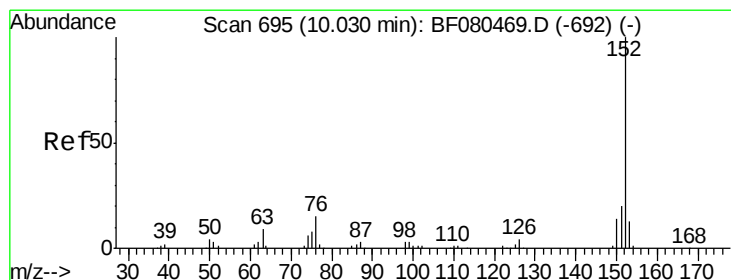
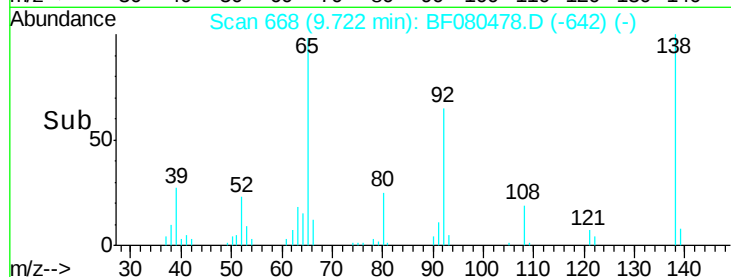
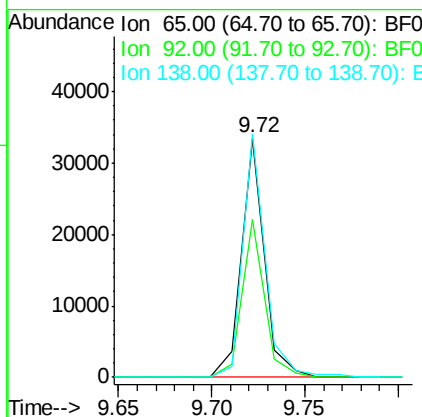
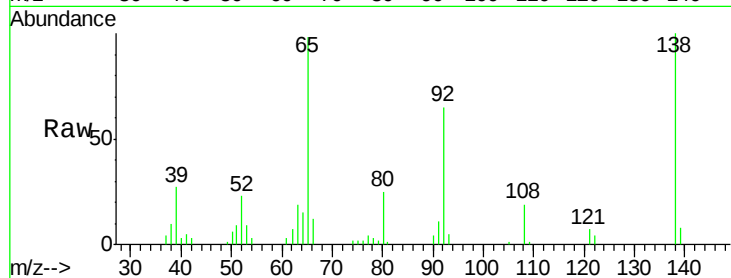
#47
 2-Nitroaniline
 Concen: 37.64 ng
 RT: 9.72 min Scan# 668
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.2	54.7	82.1
138	102.1	75.3	112.9

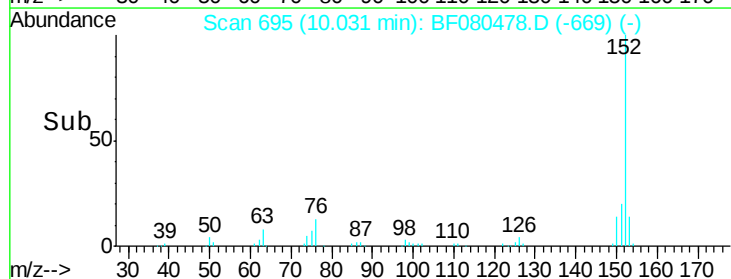
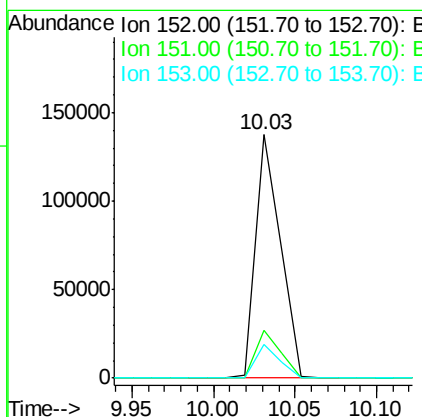
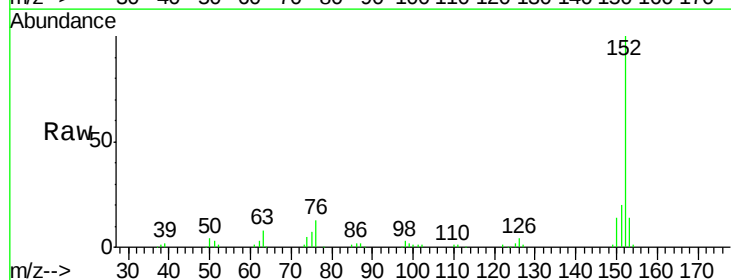
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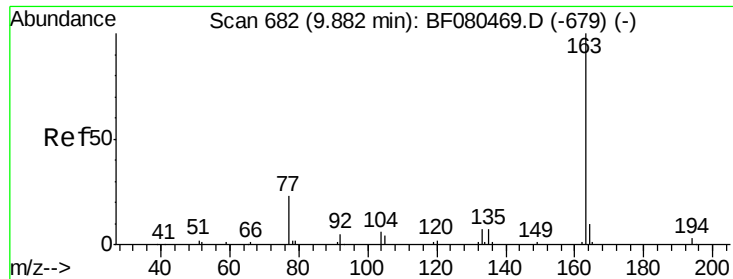
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#48
 Acenaphthylene
 Concen: 36.38 ng
 RT: 10.03 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.1	24.1
153	13.7	10.5	15.7





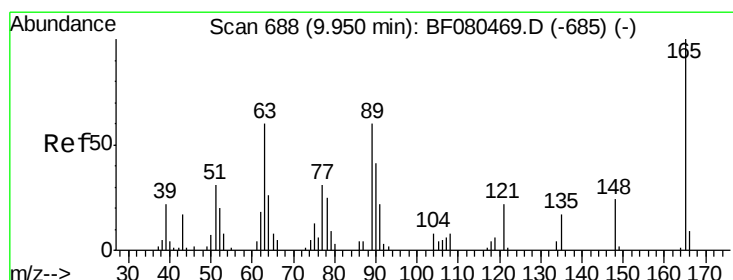
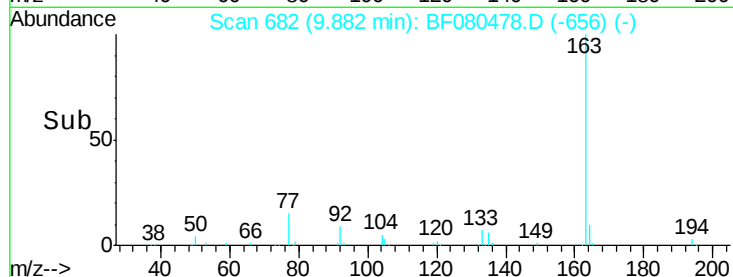
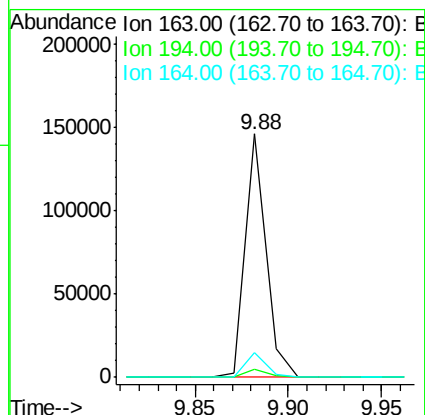
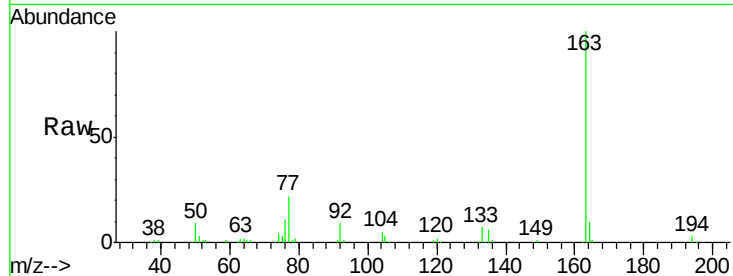
#49
Dimethylphthalate
Concen: 38.55 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Instrument :
BNA_F
ClientSampleId :
PB84447BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	2.6	3.8
164	10.2	8.1	12.1

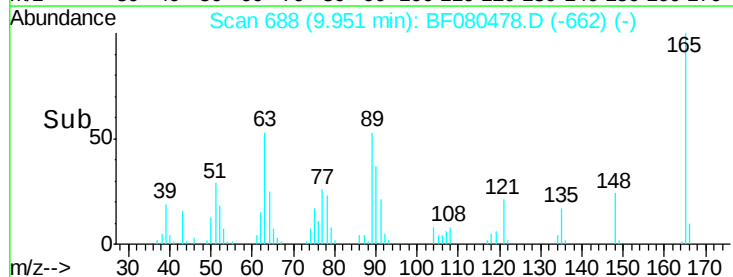
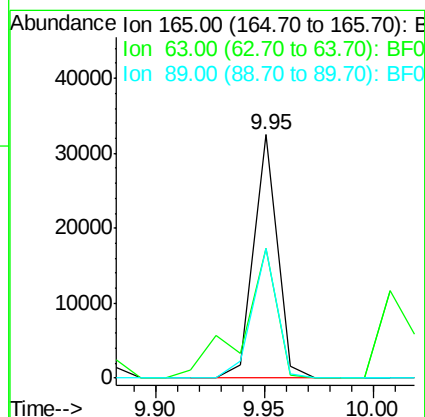
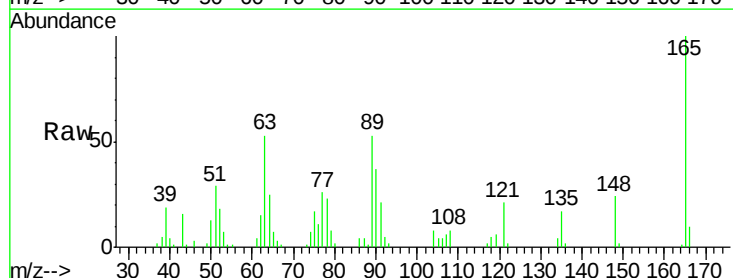
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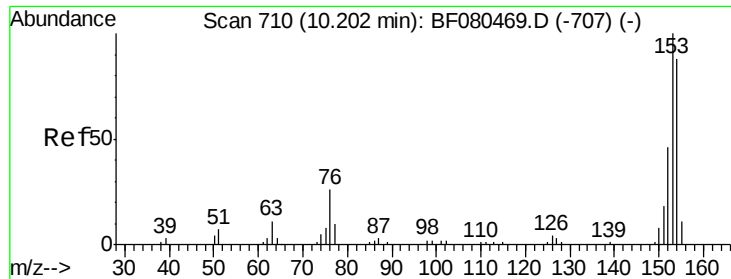
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#50
2,6-Dinitrotoluene
Concen: 38.62 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	53.4	49.6	74.4
89	53.3	47.6	71.4





#51

Acenaphthene

Concen: 40.96 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF080478.D

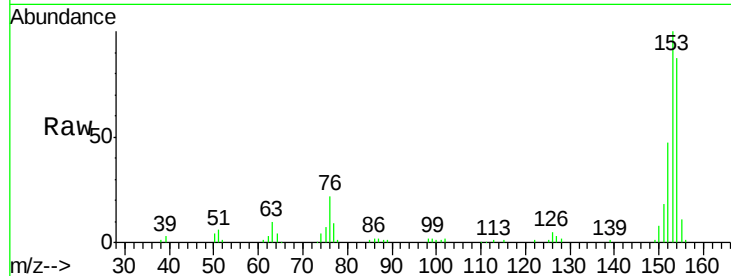
Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

ClientSampleId :

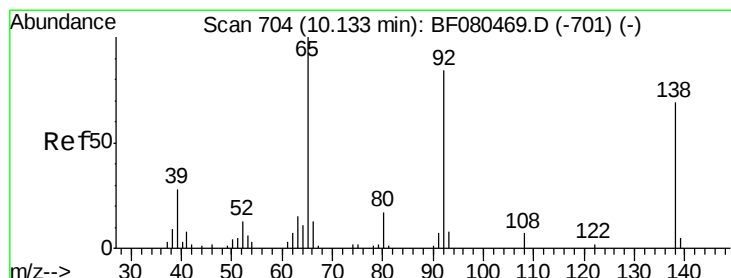
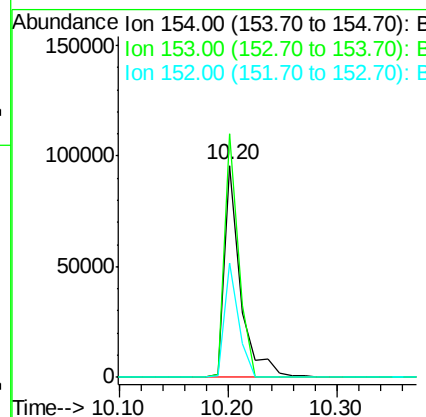
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Tgt Ion:	154	Resp:	99442
Ion Ratio	Lower	Upper	
154	100		
153	115.1	90.6	136.0
152	54.3	41.7	62.5

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#52

3-Nitroaniline

Concen: 23.42 ng

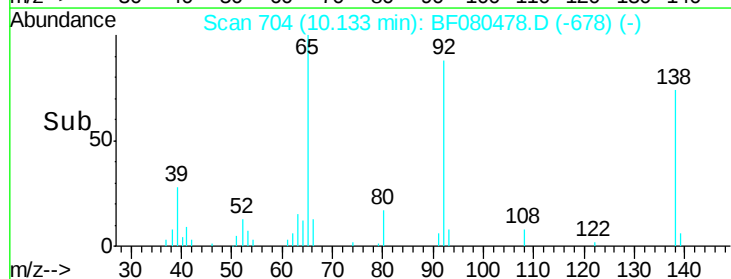
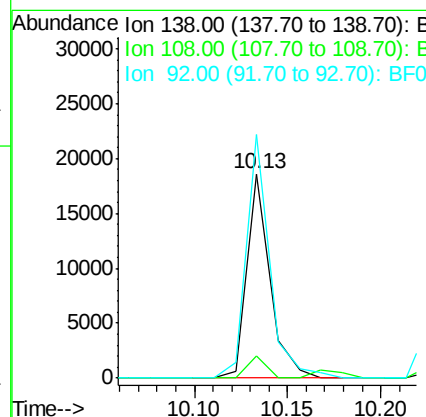
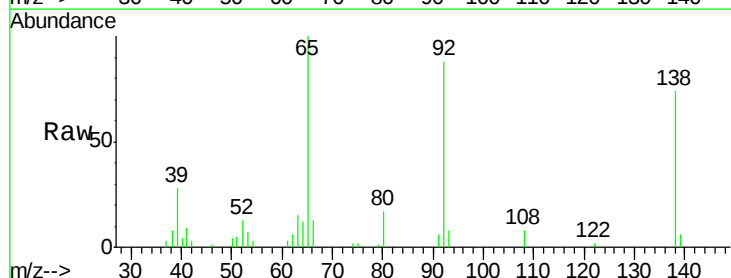
RT: 10.13 min Scan# 704

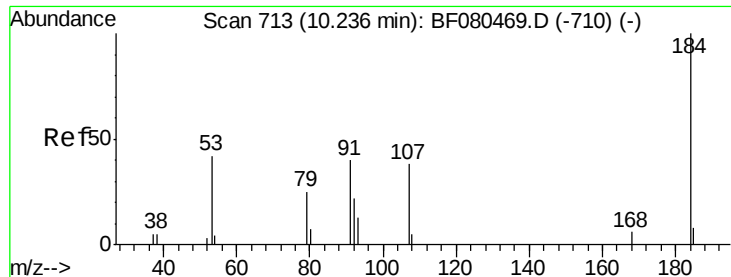
Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Tgt Ion:	138	Resp:	16033
Ion Ratio	Lower	Upper	
138	100		
108	10.8	8.6	12.8
92	119.2	98.4	147.6





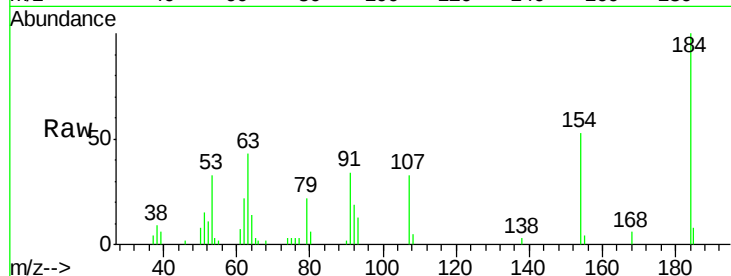
#53
2,4-Dinitrophenol
Concen: 77.26 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Instrument :
BNA_F
ClientSampleId :
PB84447BS

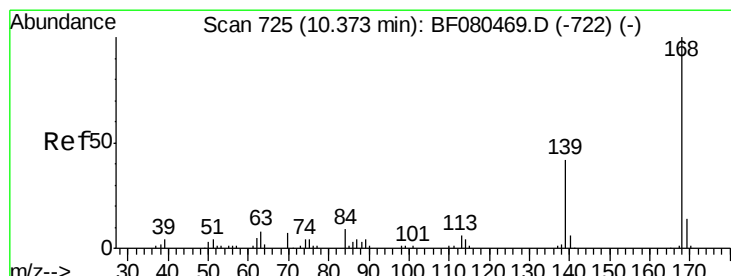
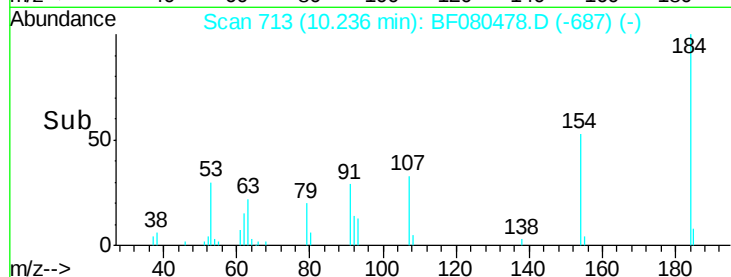
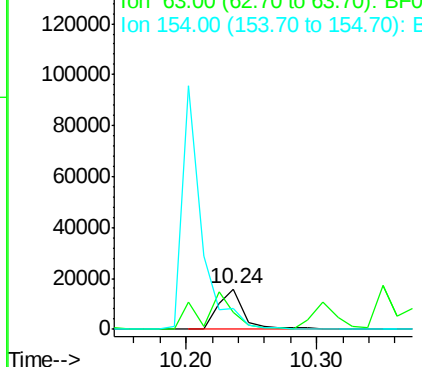
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	21732		
63	42.9	42.5	63.7	
154	52.7	49.4	74.2	

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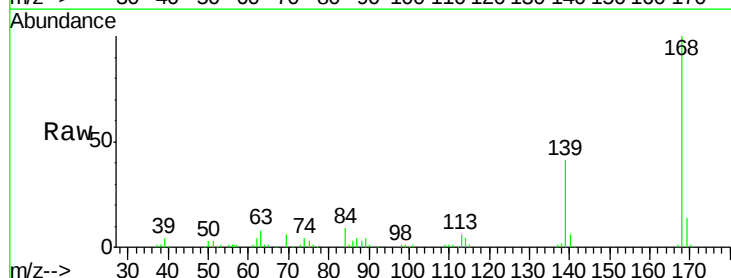


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

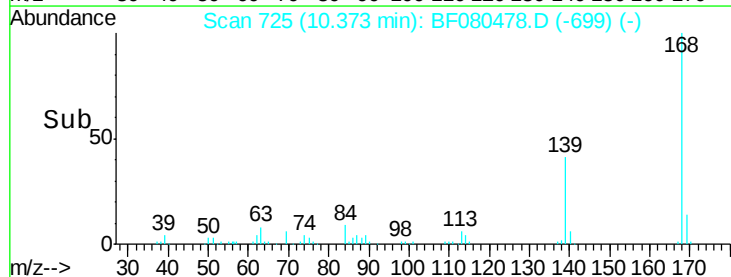
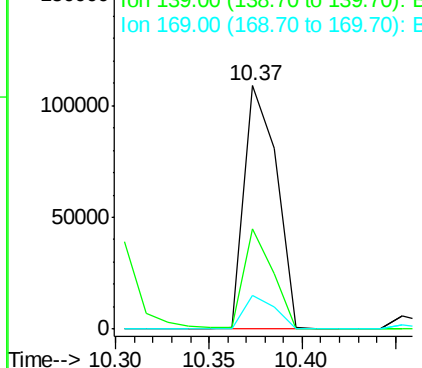


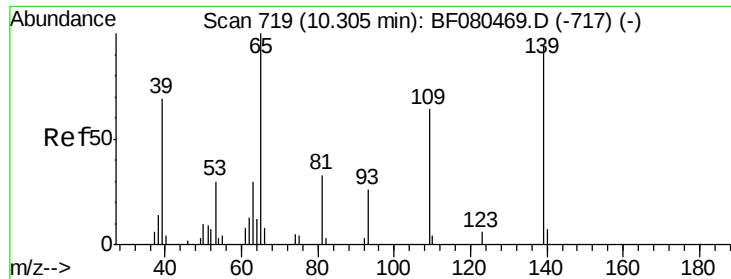
#54
Dibenzofuran
Concen: 38.29 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	131135		
139	41.4	34.2	51.2	
169	13.7	11.4	17.2	



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





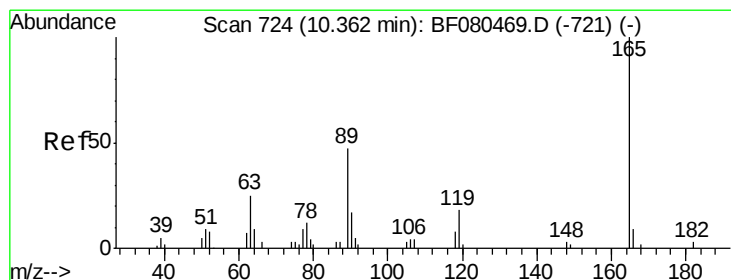
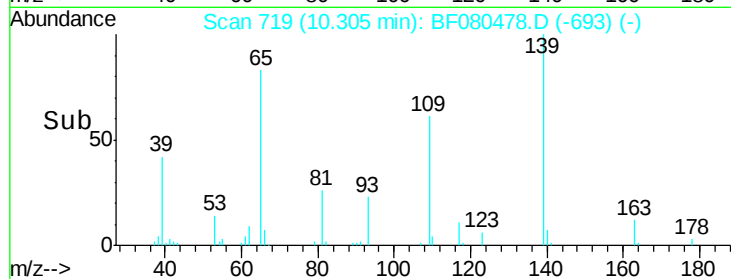
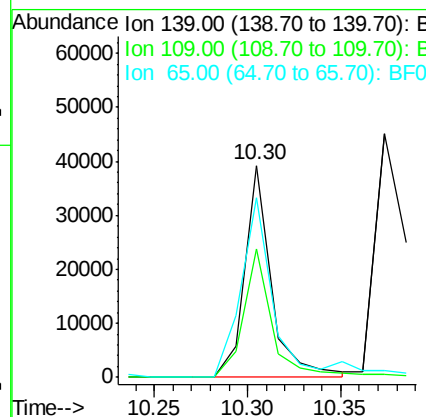
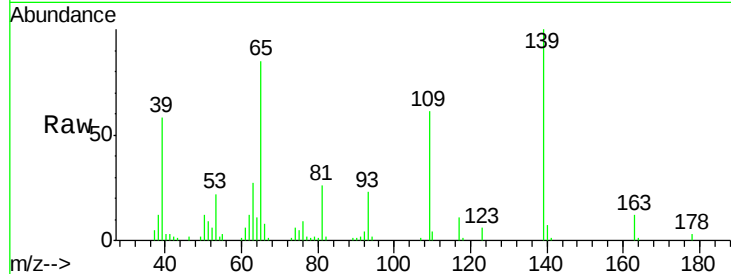
#55
4-Nitrophenol
Concen: 77.84 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Instrument :
BNA_F
ClientSampleId :
PB84447BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	39336		
109	60.7	48.1	88.1	
65	84.9	86.0	126.0	

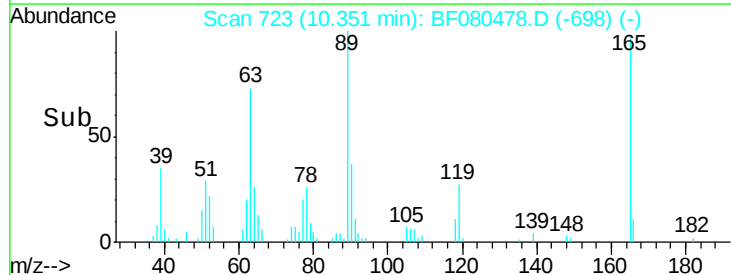
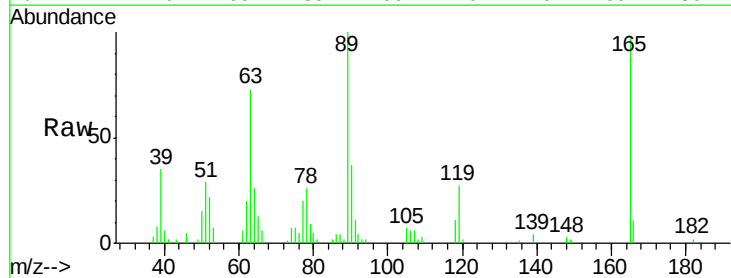
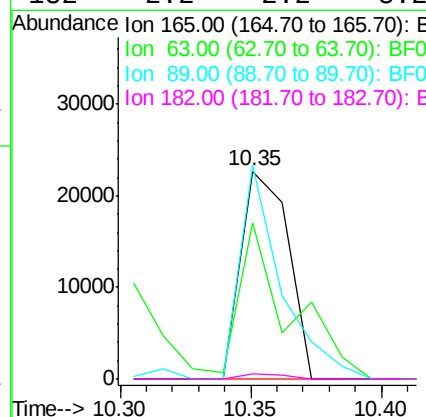
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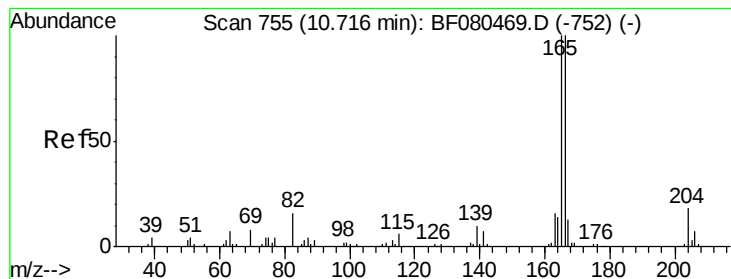
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#56
2,4-Dinitrotoluene
Concen: 39.86 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	28727		
63	75.2	21.7	32.5	#
89	102.9	37.4	56.2	#
182	2.2	2.2	3.2	





#57

Fluorene

Concen: 38.08 ng

RT: 10.72 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

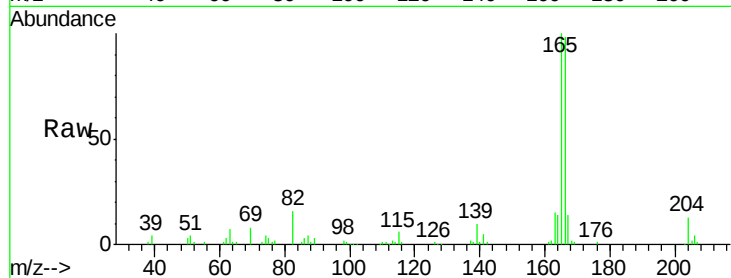
ClientSampleId :

PB84447BS

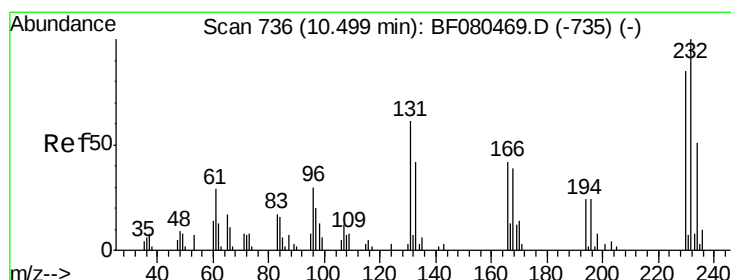
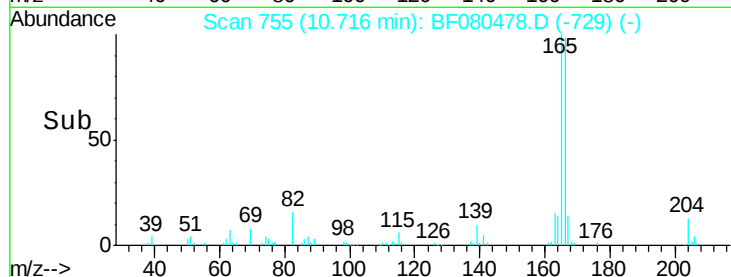
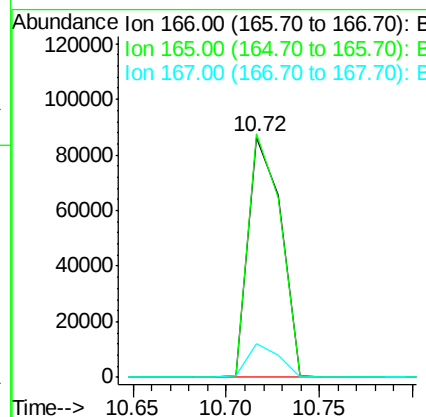
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Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.5	79.8	119.8	
167	13.8	10.5	15.7	



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.12 ng

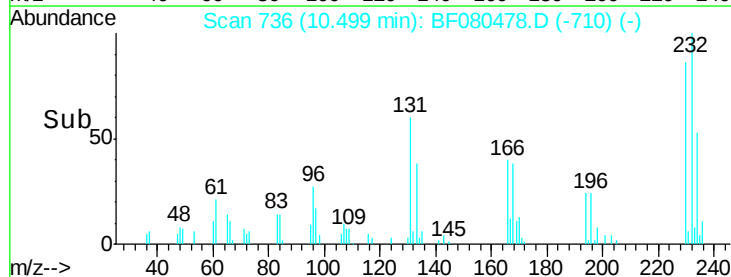
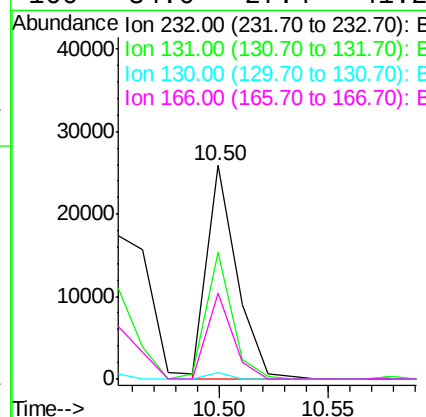
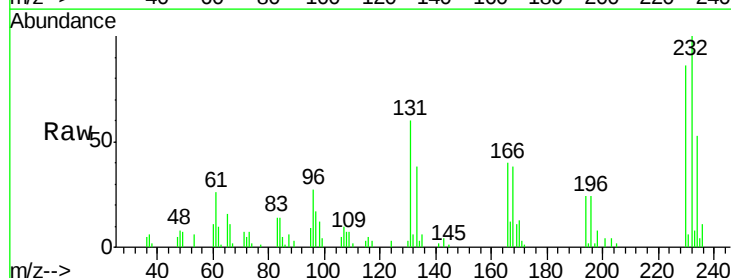
RT: 10.50 min Scan# 736

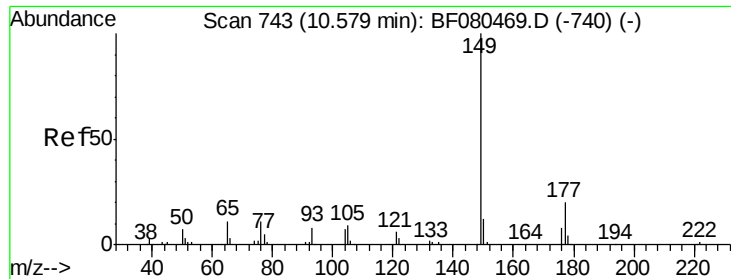
Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	52.4	40.0	60.0	
130	2.2	1.6	2.4	
166	34.6	27.4	41.2	





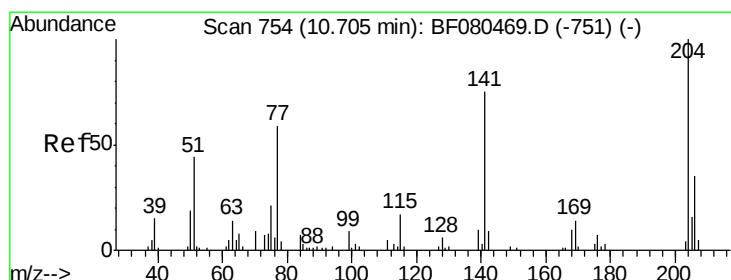
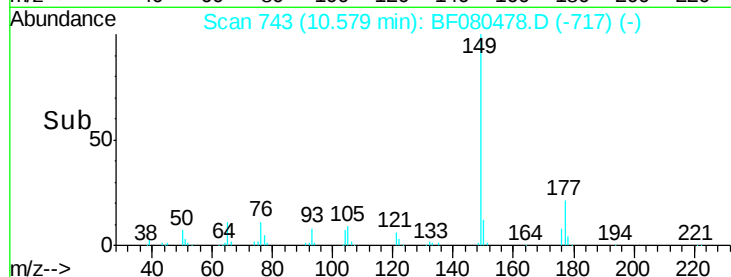
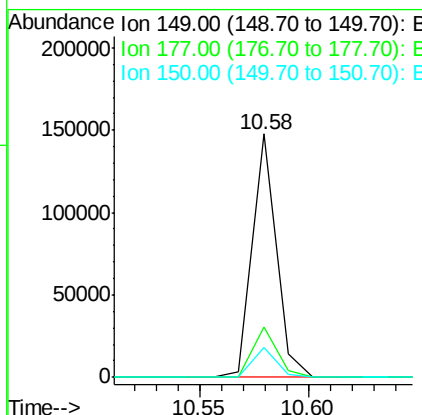
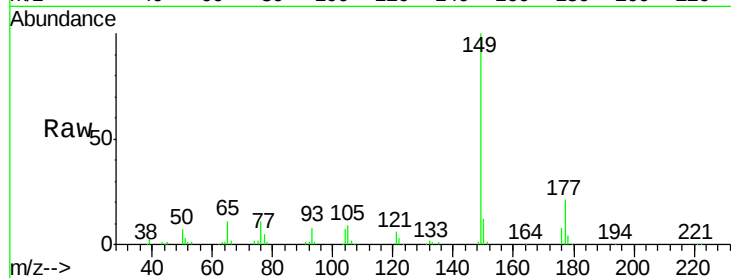
#59
Diethylphthalate
Concen: 38.77 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Instrument :
BNA_F
ClientSampleId :
PB84447BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	20.8	16.2	24.4
150	12.3	9.9	14.9

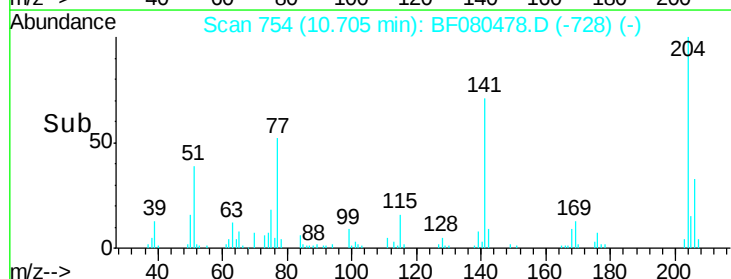
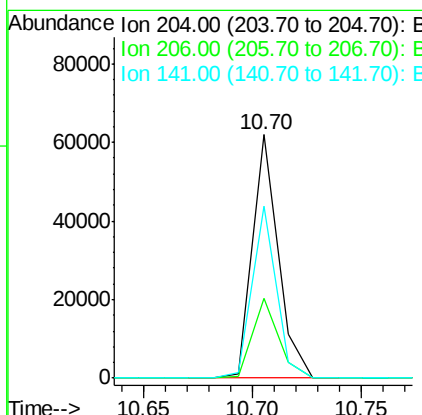
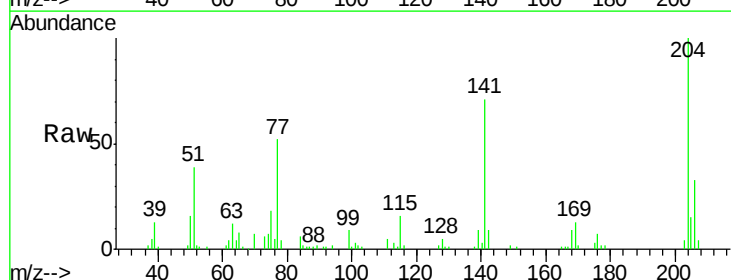
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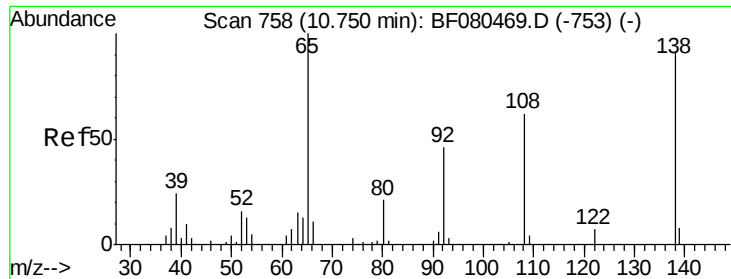
apatel
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#60
4-Chlorophenyl-phenylether
Concen: 39.41 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	33.0	27.7	41.5
141	70.7	59.6	89.4





#61

4-Nitroaniline

Concen: 38.89 ng

RT: 10.75 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF080478.D

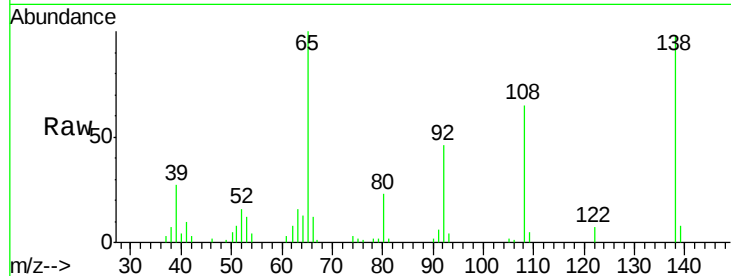
Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

ClientSampleId :

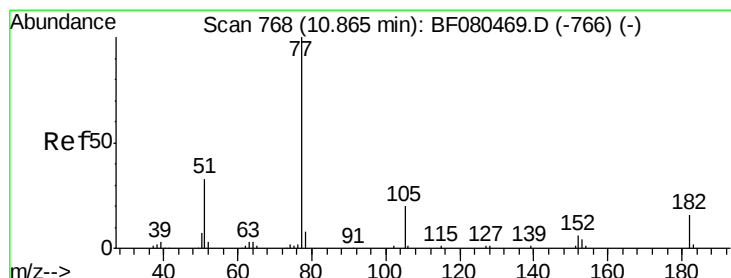
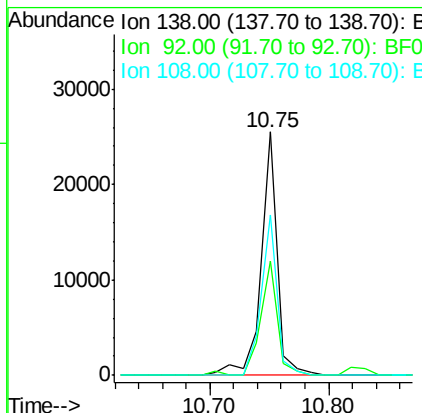
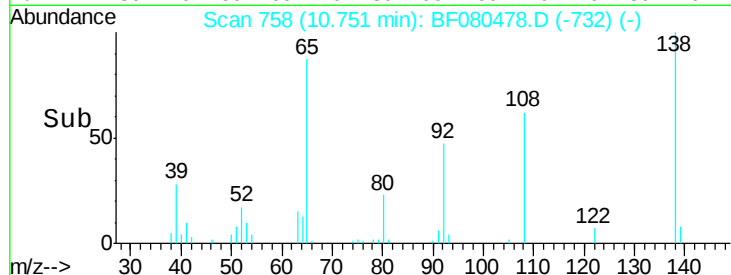
PB84447BS



Tgt Ion:	138	Resp:	24160
Ion Ratio	Lower	Upper	
138	100		
92	46.7	30.5	70.5
108	66.1	48.1	88.1

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#62

Azobenzene

Concen: 40.77 ng

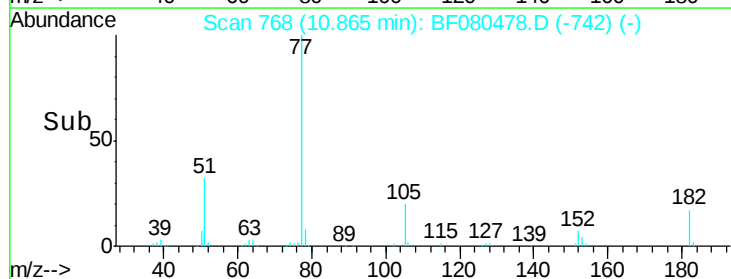
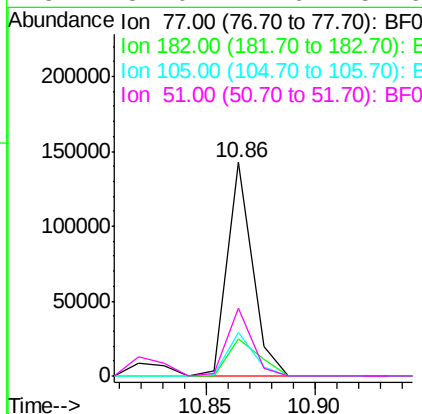
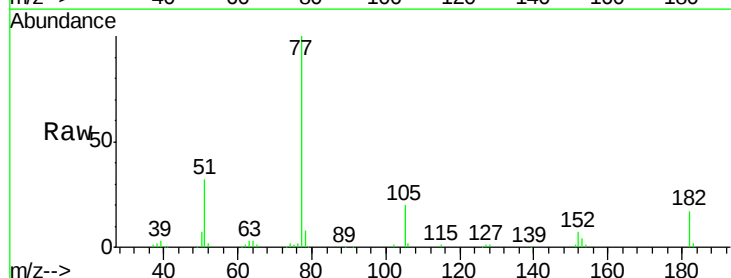
RT: 10.86 min Scan# 768

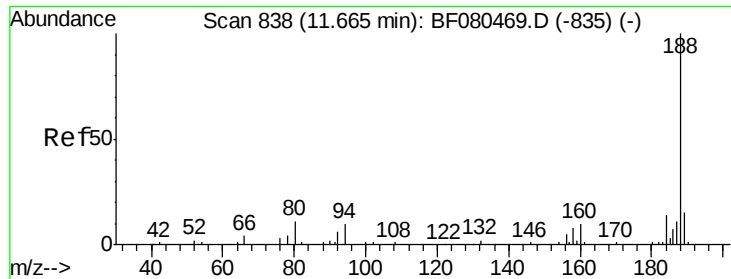
Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Tgt Ion:	77	Resp:	113947
Ion Ratio	Lower	Upper	
77	100		
182	17.2	0.0	36.0
105	20.3	0.1	40.1
51	32.0	12.6	52.6





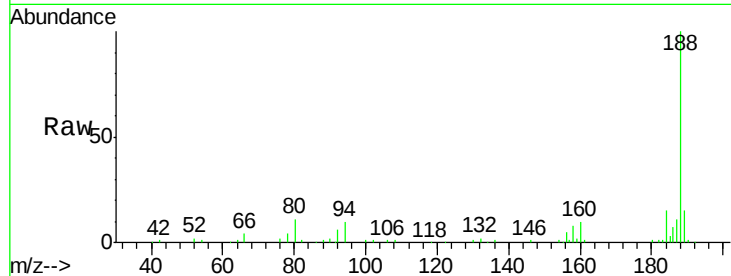
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.67 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Instrument :
 BNA_F
 ClientSampled :
 PB84447BS

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	10.4	7.7	11.5
80	11.3	8.8	13.2

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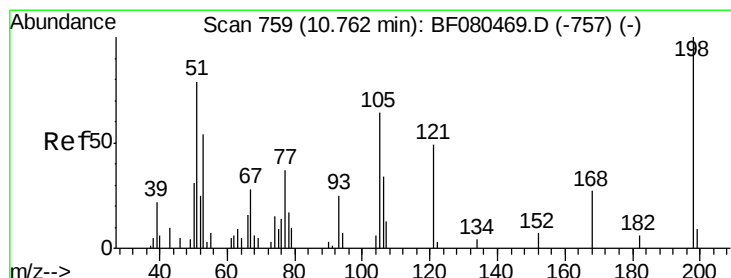
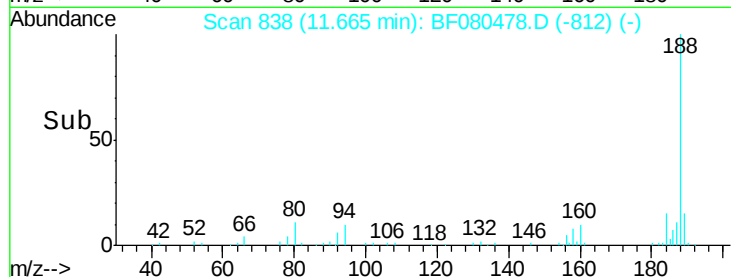
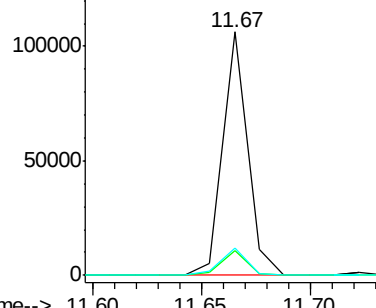
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



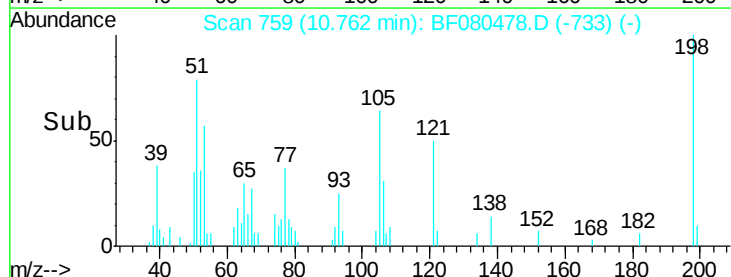
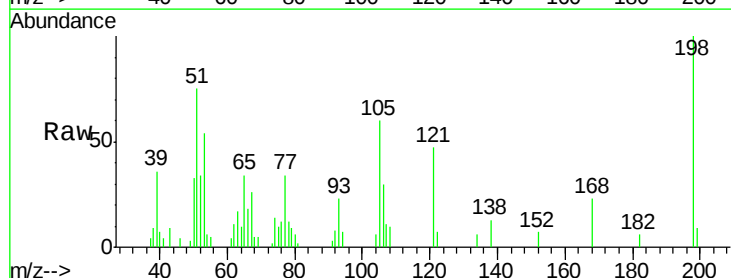
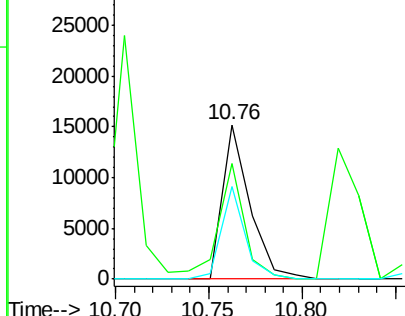
#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.38 ng
 RT: 10.76 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

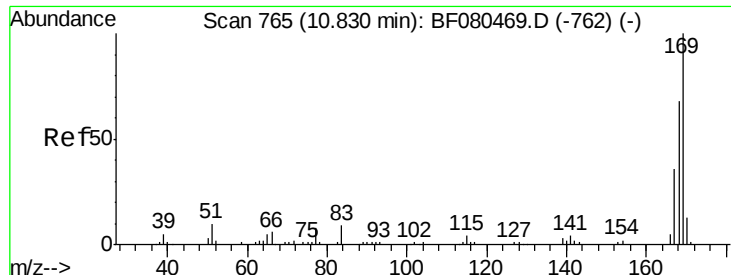
Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	74.7	62.5	102.5
105	59.8	43.6	83.6

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: 33.64 ng

RT: 10.83 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF080478.D

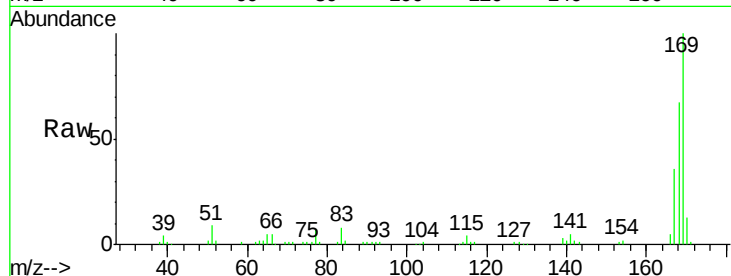
Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

ClientSampleId :

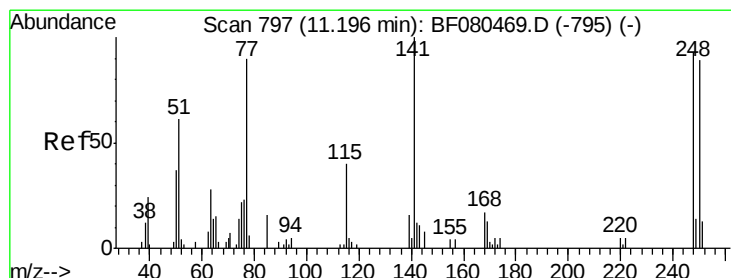
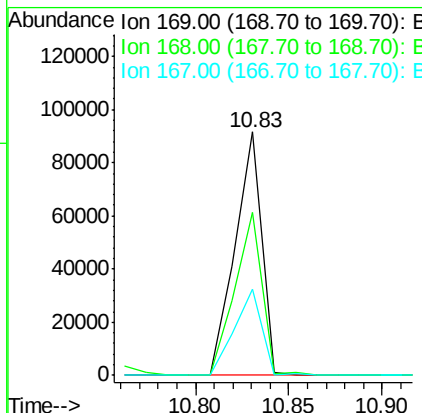
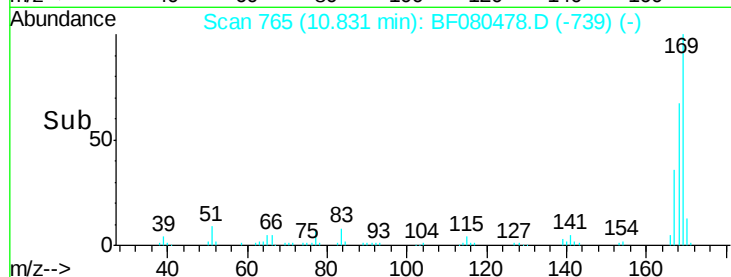
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Tgt Ion:	169	Resp:	92019
Ion Ratio	Lower	Upper	
169	100		
168	66.8	54.1	81.1
167	35.6	29.0	43.6

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#66

4-Bromophenyl-phenylether

Concen: 32.99 ng

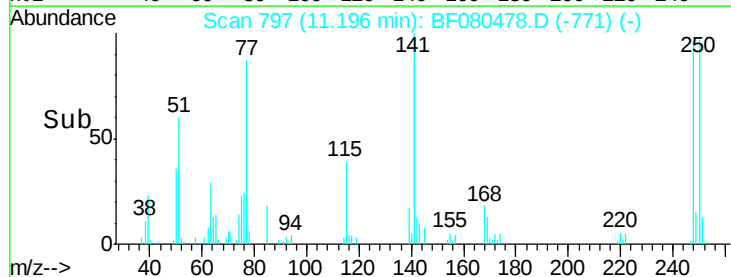
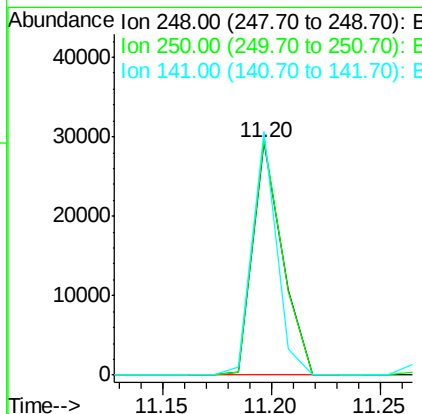
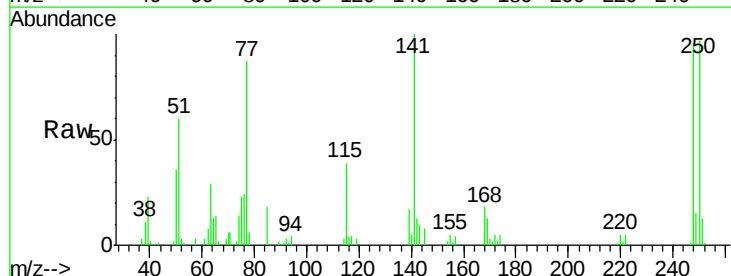
RT: 11.20 min Scan# 797

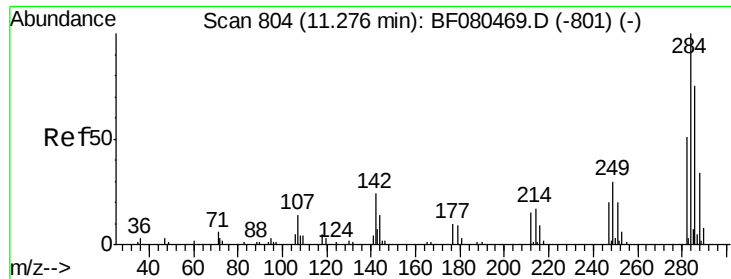
Delta R.T. 0.00 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Tgt Ion:	248	Resp:	27704
Ion Ratio	Lower	Upper	
248	100		
250	101.4	76.8	115.2
141	104.4	86.3	129.5





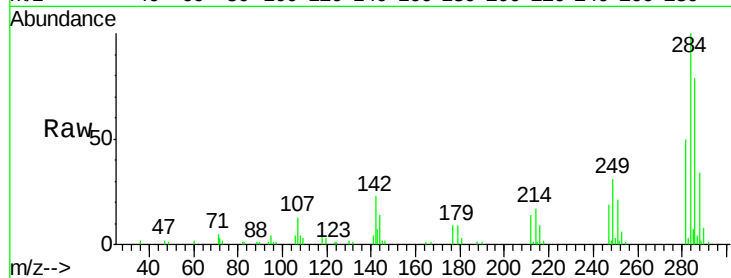
#67
Hexachlorobenzene
Concen: 34.92 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Instrument :
BNA_F
ClientSampleId :
PB84447BS

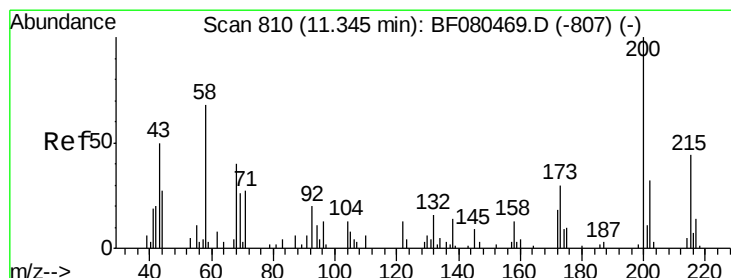
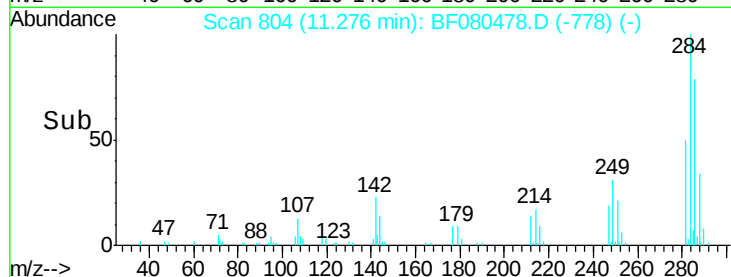
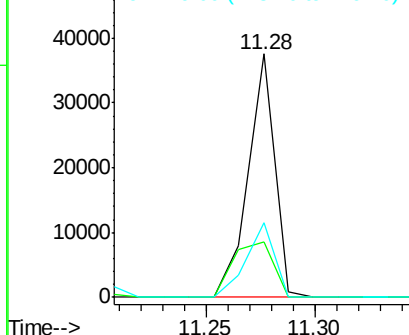
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	22.8	19.1	28.7
249	30.8	23.9	35.9

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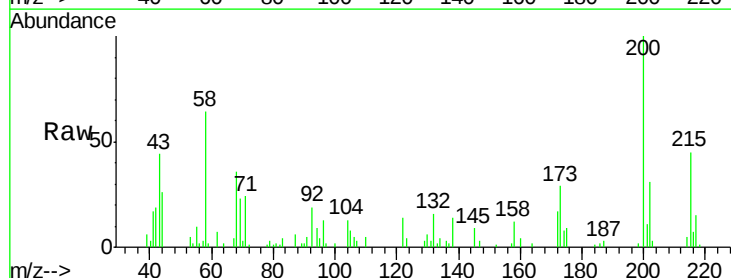


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

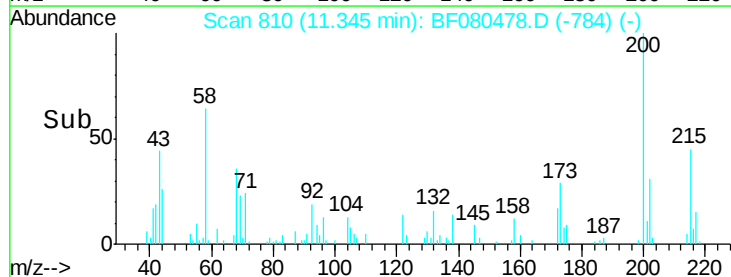
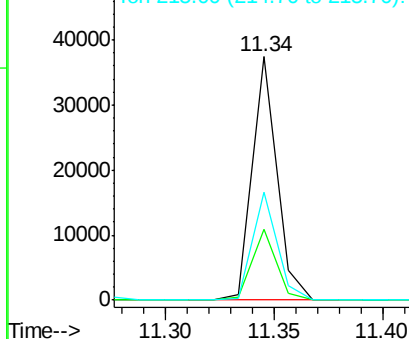


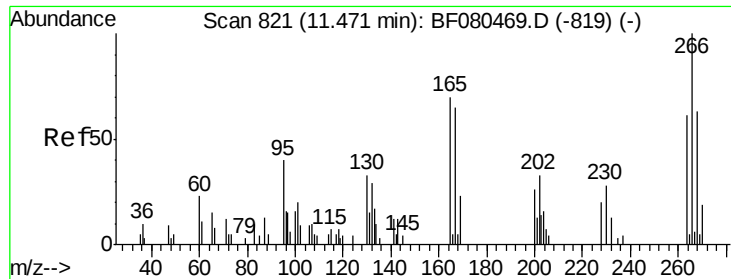
#68
Atrazine
Concen: 36.88 ng
RT: 11.34 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.0	9.7	49.7
215	44.6	23.7	63.7



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





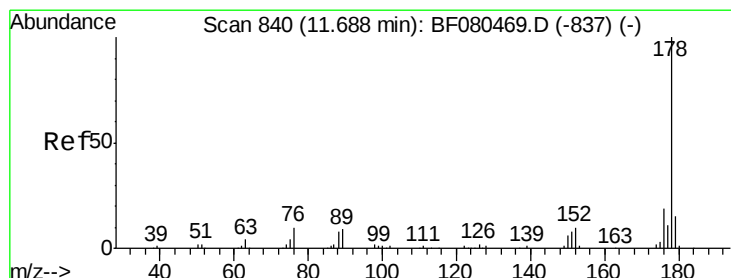
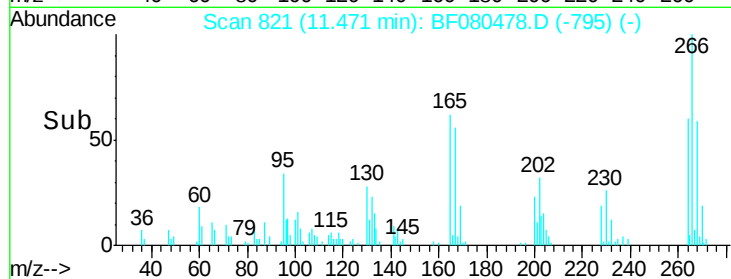
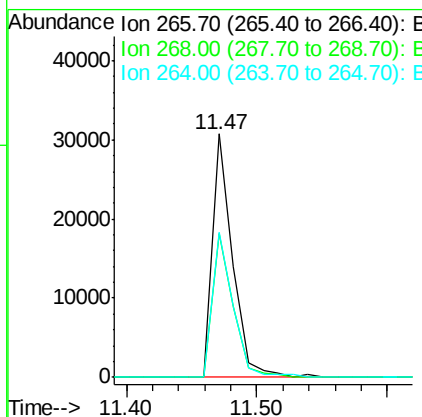
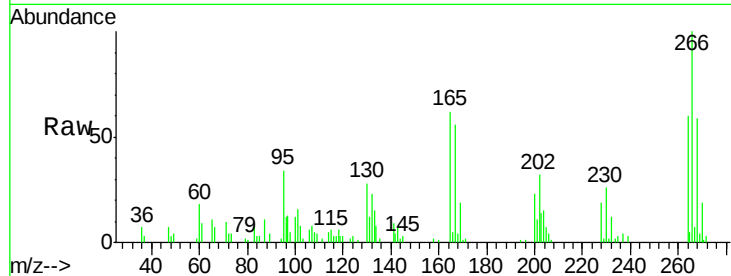
#69
 Pentachlorophenol
 Concen: 78.80 ng
 RT: 11.47 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	33180		
268	59.0	50.3	75.5	
264	59.6	48.6	72.8	

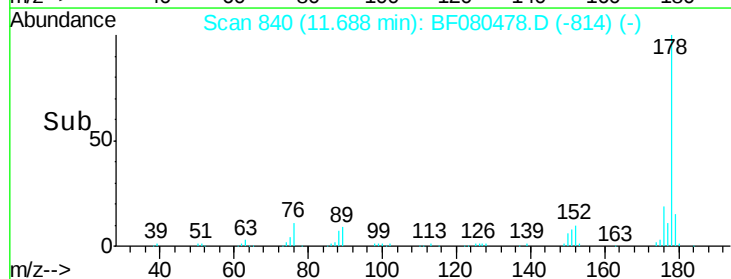
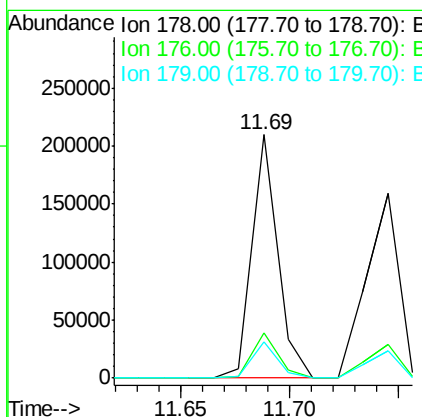
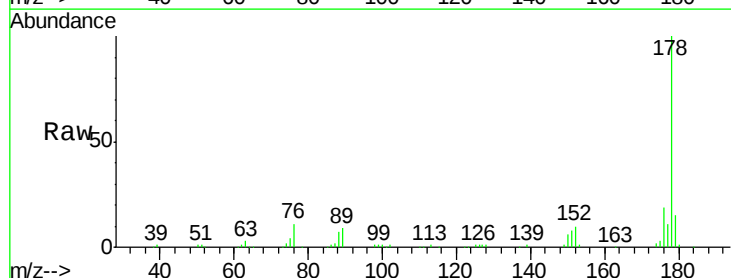
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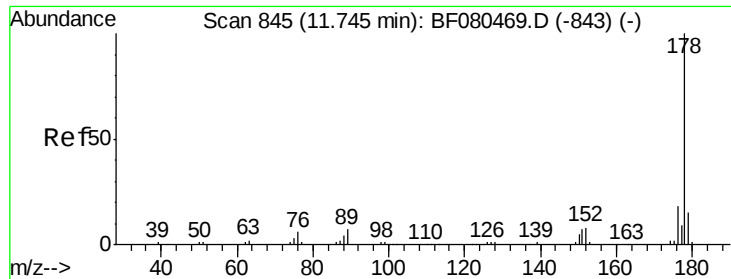
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#70
 Phenanthrene
 Concen: 35.44 ng
 RT: 11.69 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	173479		
176	18.6	15.4	23.0	
179	15.1	11.8	17.6	





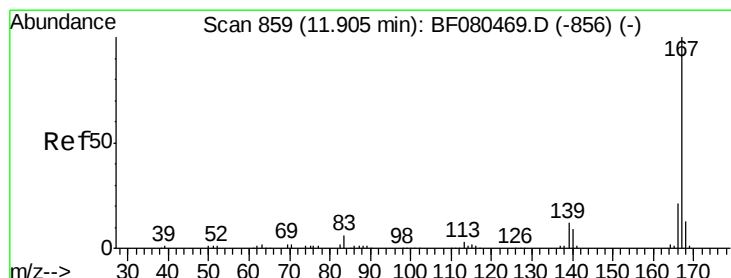
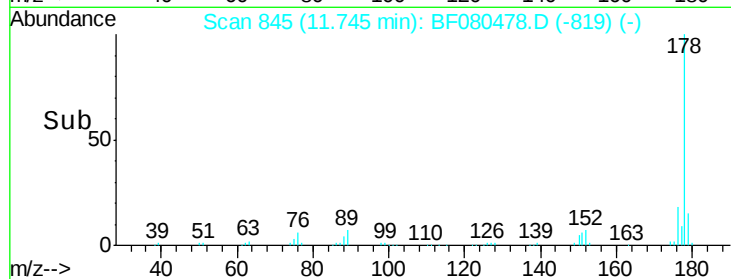
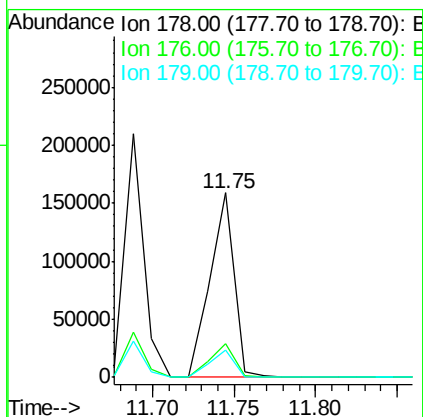
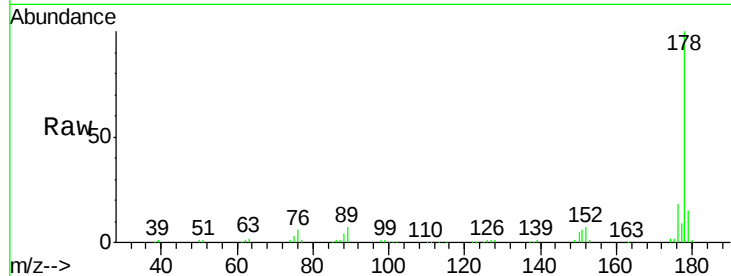
#71
 Anthracene
 Concen: 35.72 ng
 RT: 11.75 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	164391		
176	18.1	14.2	21.4	
179	14.7	11.8	17.6	

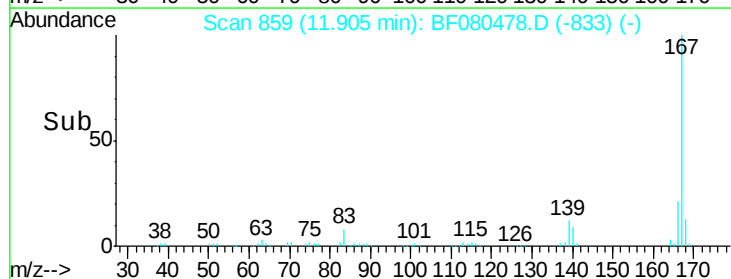
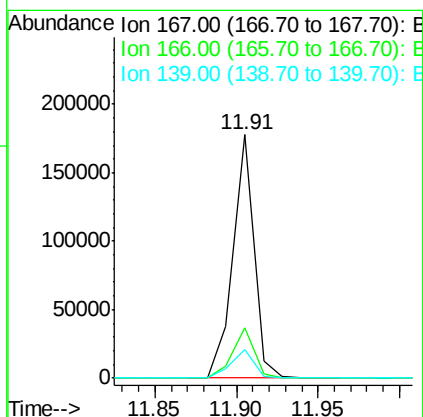
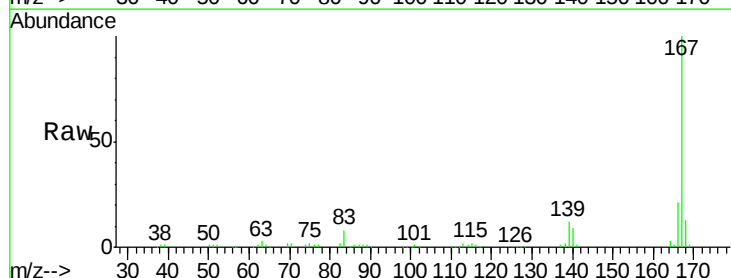
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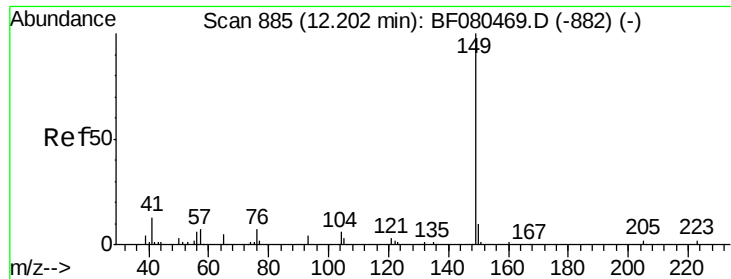
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#72
 Carbazole
 Concen: 37.78 ng
 RT: 11.91 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	157524		
166	20.9	17.0	25.4	
139	11.8	9.4	14.0	





#73

Di-n-butylphthalate

Concen: 41.06 ng

RT: 12.21 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

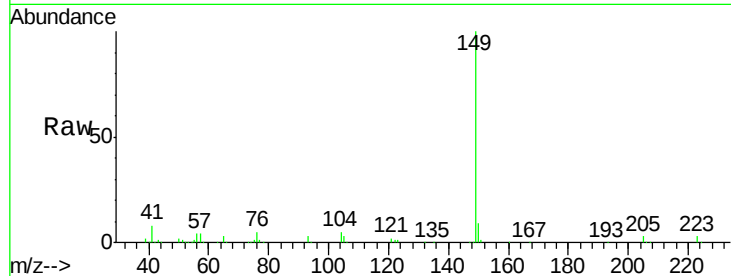
ClientSampleId :

PB84447BS

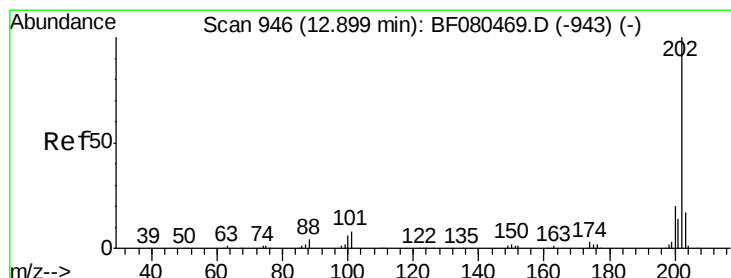
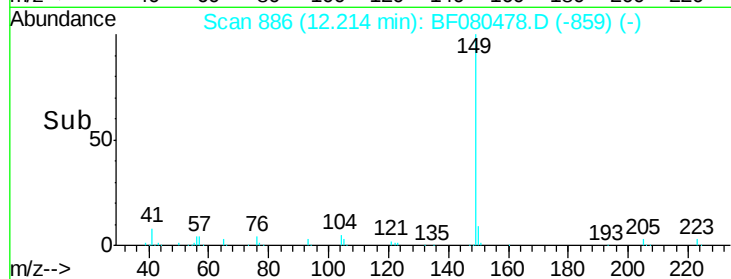
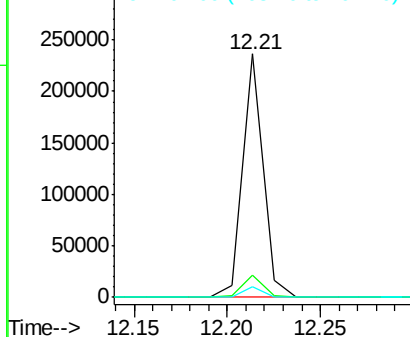
Tgt Ion:	149	Resp:	181635
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.7	11.5
104	4.6	5.0	7.4#

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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: 40.26 ng

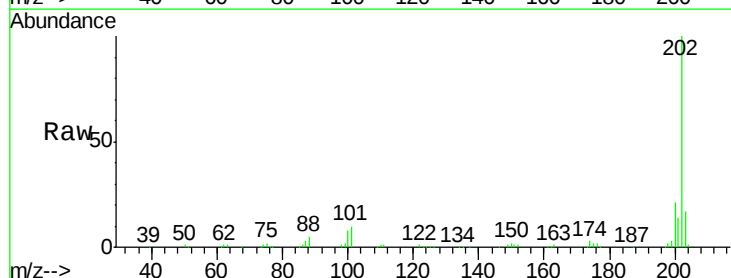
RT: 12.92 min Scan# 948

Delta R.T. 0.02 min

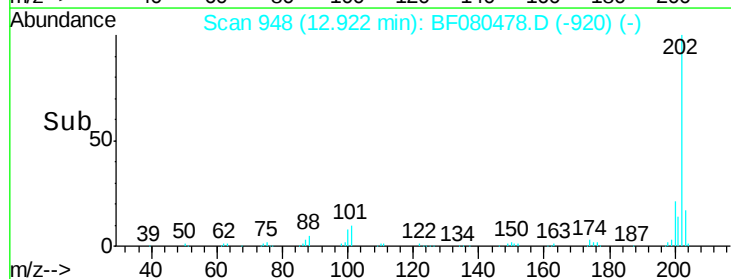
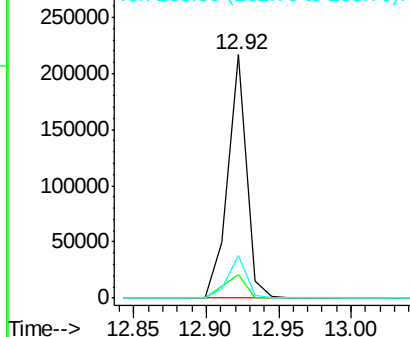
Lab File: BF080478.D

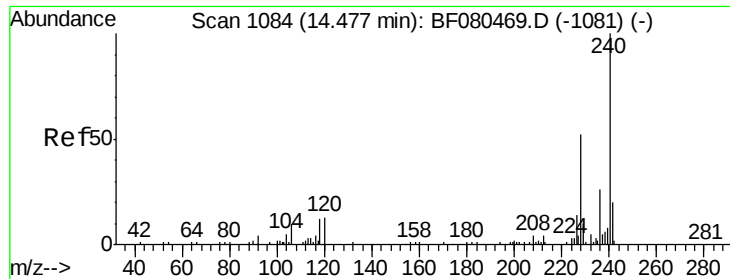
Acq: 15 Jul 2015 6:55

Tgt Ion:	202	Resp:	194369
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	27.9
203	17.3	0.0	37.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





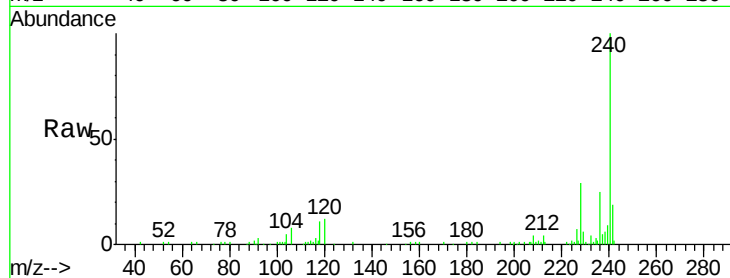
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.56 min Scan# 1091
Delta R.T. 0.08 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Instrument :
BNA_F
ClientSampleId :
PB84447BS

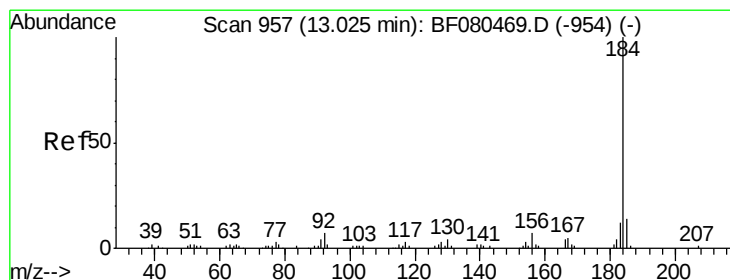
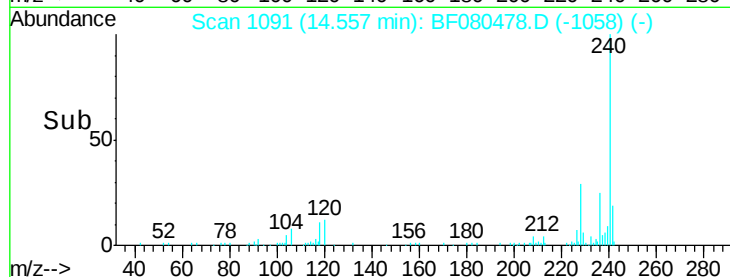
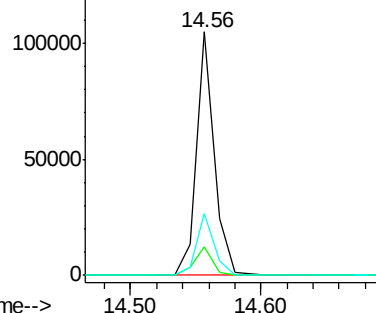
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	99763		
120	11.6	10.2	15.4	
236	25.4	20.6	30.8	

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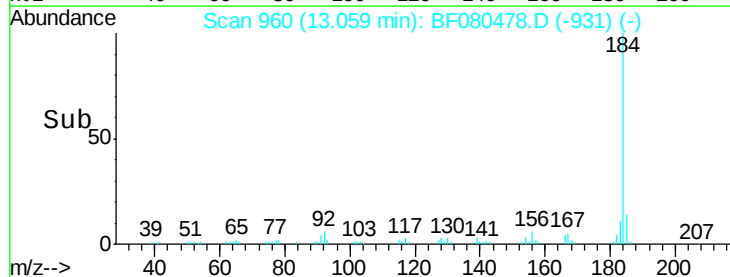
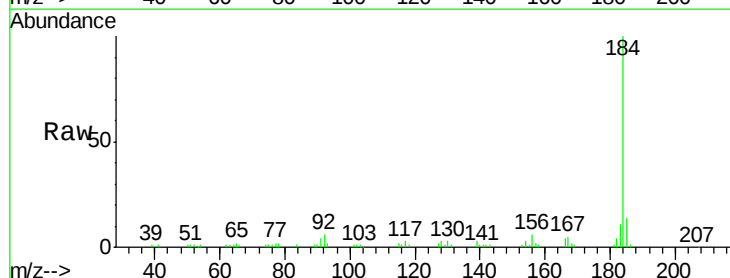
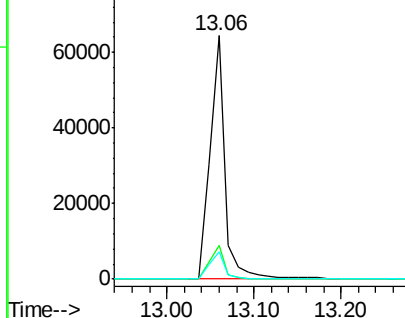
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

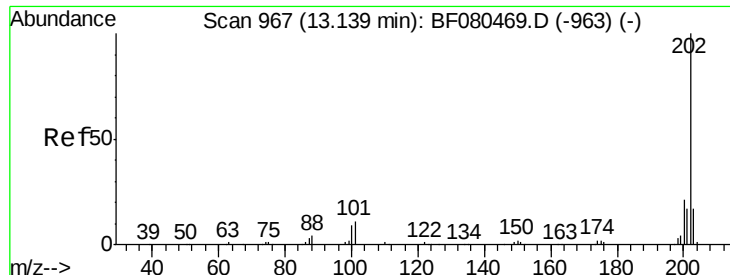


#76
Benzidine
Concen: 26.07 ng
RT: 13.06 min Scan# 960
Delta R.T. 0.03 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	77077		
185	14.1	11.2	16.8	
183	11.4	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





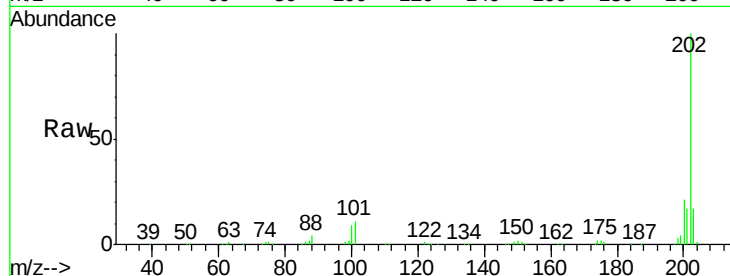
#77
 Pyrene
 Concen: 34.35 ng
 RT: 13.17 min Scan# 970
 Delta R.T. 0.03 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

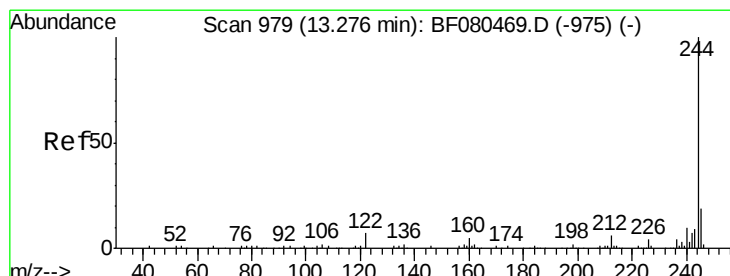
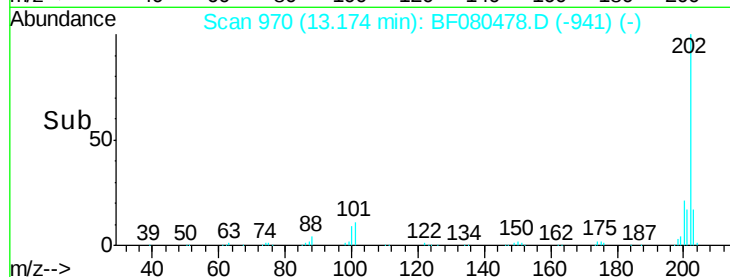
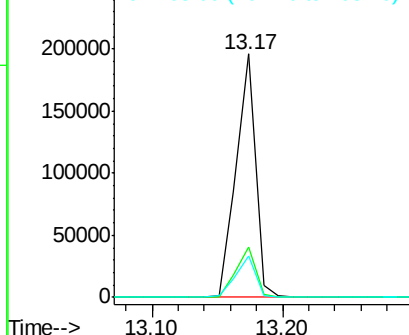
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.7	16.6	24.8
203	17.1	13.8	20.6

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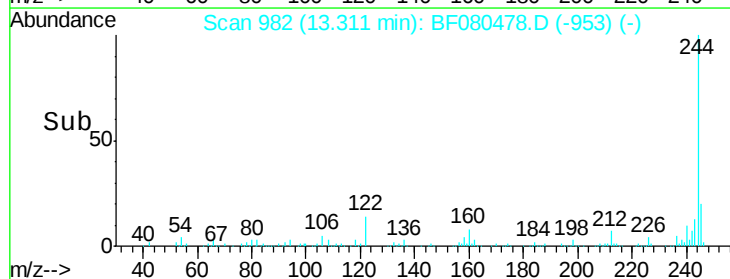
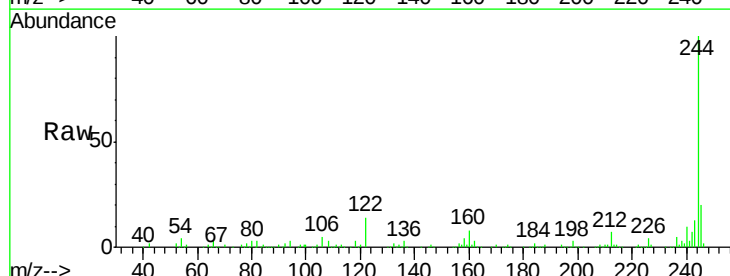
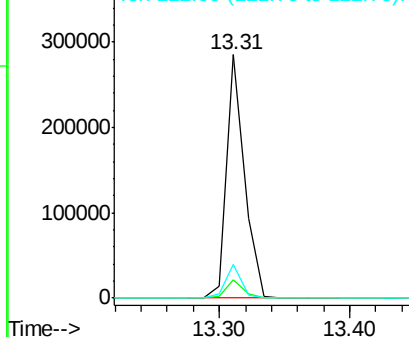
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

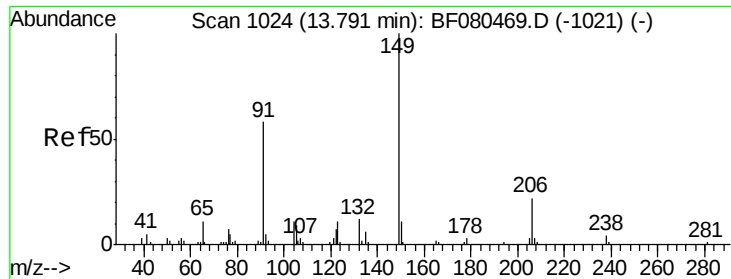


#78
 Terphenyl-d14
 Concen: 65.48 ng
 RT: 13.31 min Scan# 982
 Delta R.T. 0.03 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.4	4.9	7.3#
122	13.7	5.2	7.8#

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





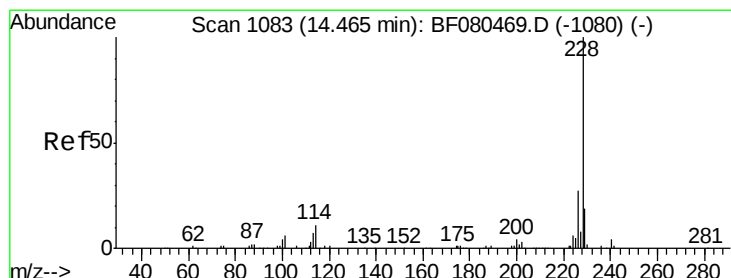
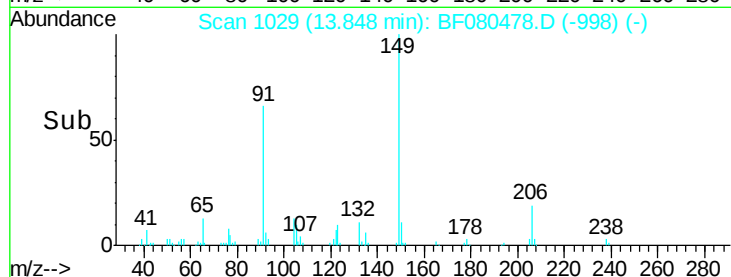
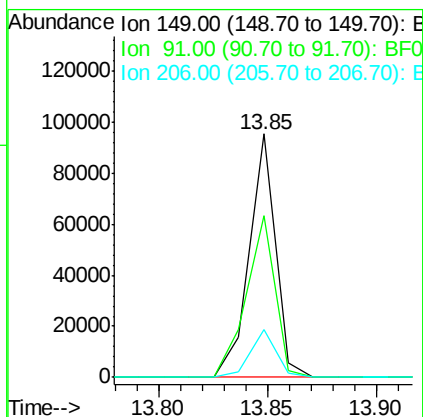
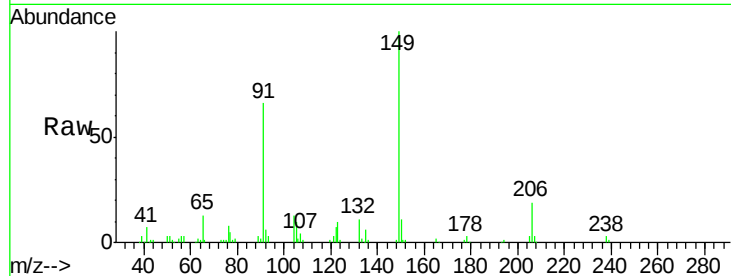
#79
Butylbenzylphthalate
Concen: 37.39 ng
RT: 13.85 min Scan# 1029
Delta R.T. 0.06 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Instrument :
BNA_F
ClientSampleId :
PB84447BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	66.2	46.6	69.8
206	19.4	17.5	26.3

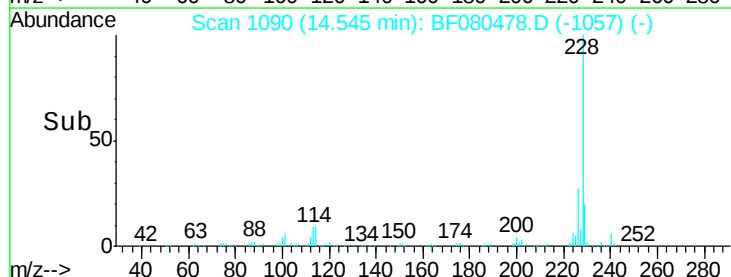
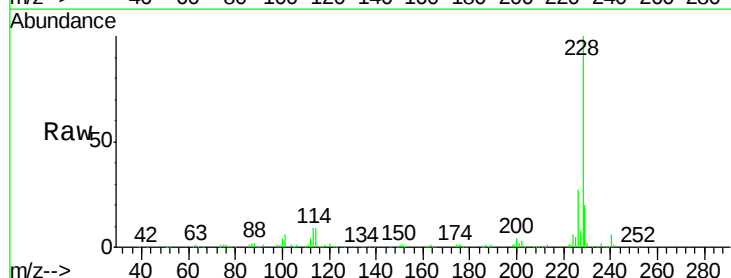
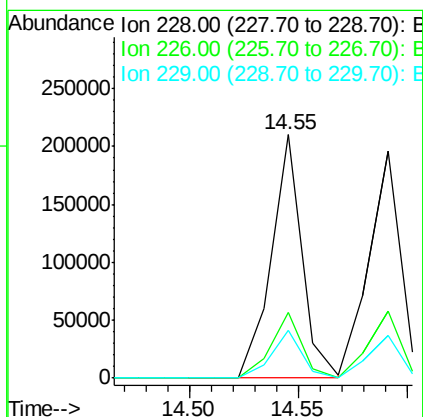
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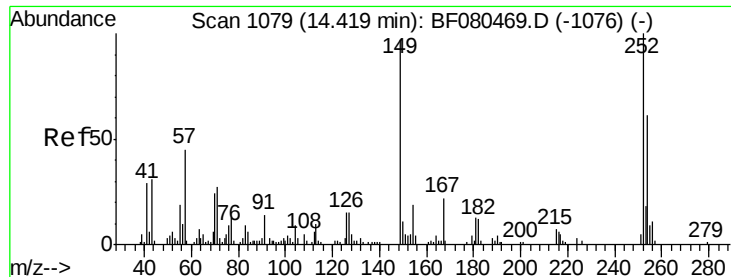
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#80
Benzo(a)anthracene
Concen: 35.84 ng
RT: 14.55 min Scan# 1090
Delta R.T. 0.08 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	26.9	21.8	32.8
229	19.8	15.3	22.9





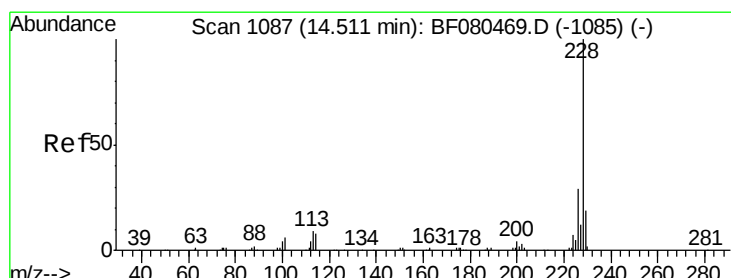
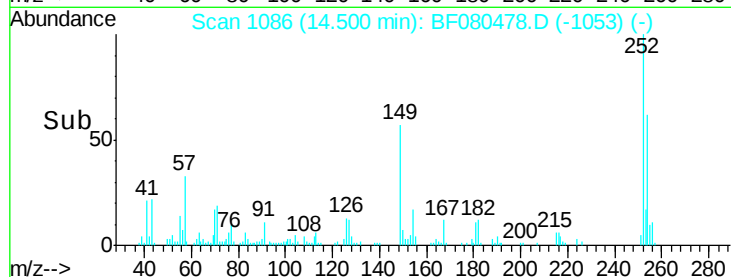
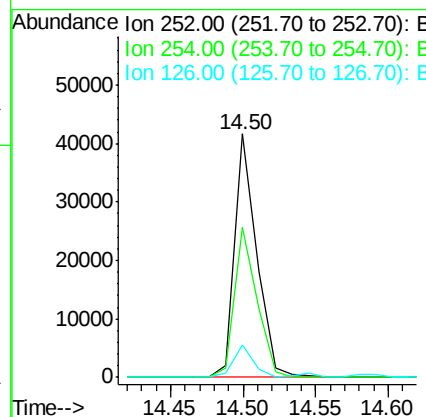
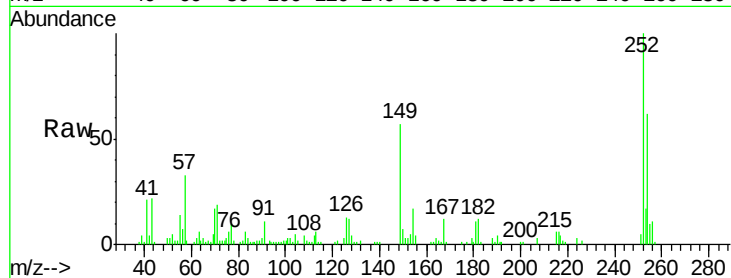
#81
 3,3'-Dichlorobenzidine
 Concen: 23.95 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. 0.08 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Instrument :
 BNA_F
 ClientSampled :
 PB84447BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.7	48.9	73.3
126	13.4	11.7	17.5

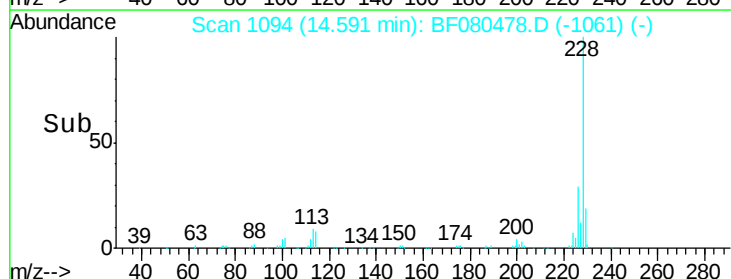
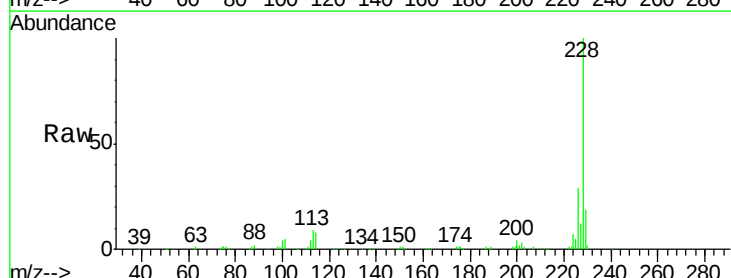
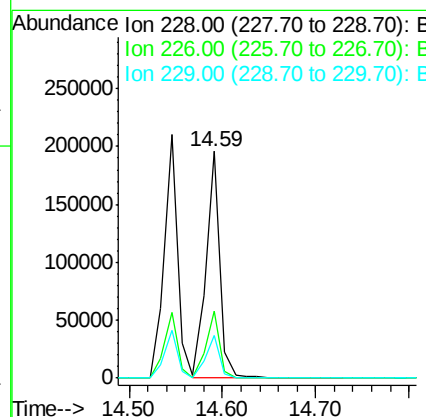
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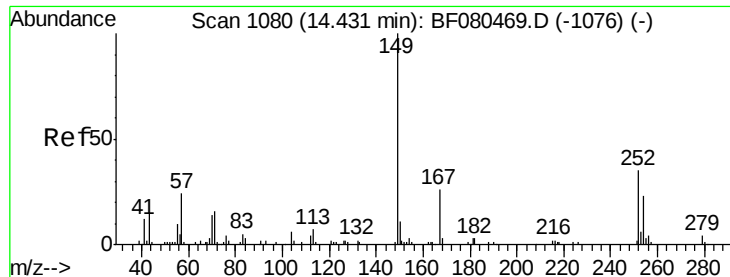
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#82
 Chrysene
 Concen: 36.54 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. 0.08 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.1	34.7
229	18.6	15.3	22.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.96 ng

RT: 14.51 min Scan# 1087

Delta R.T. 0.08 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

ClientSampleId :

PB84447BS

Tgt Ion:149 Resp: 118308

Ion Ratio Lower Upper

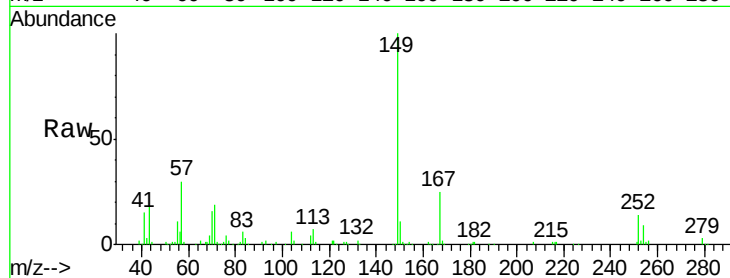
149 100

167 25.0 21.1 31.7

279 3.0 3.3 4.9#

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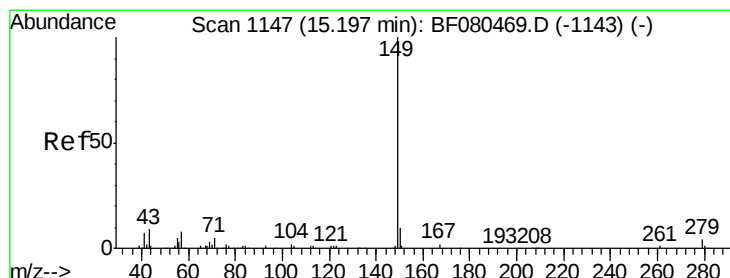
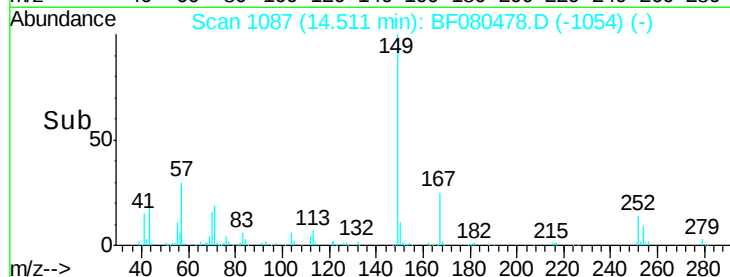
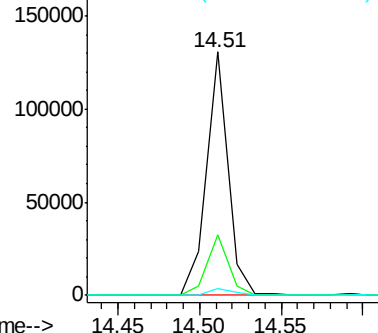
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.54 ng

RT: 15.30 min Scan# 1156

Delta R.T. 0.10 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

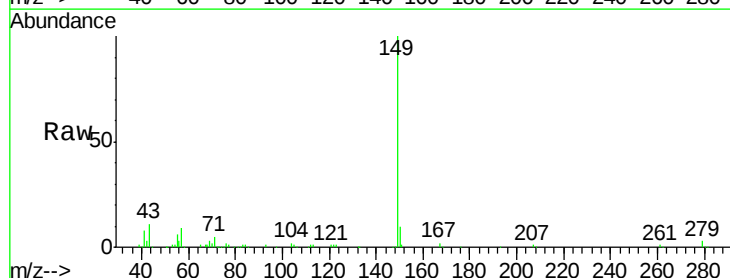
Tgt Ion:149 Resp: 215726

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

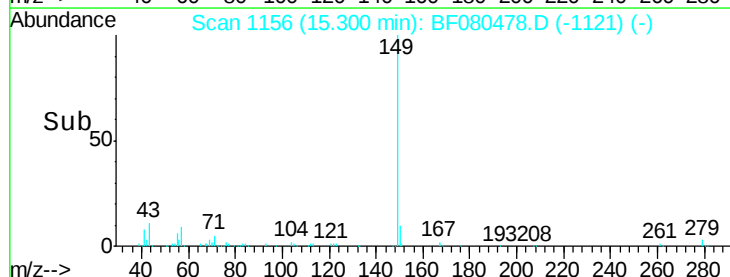
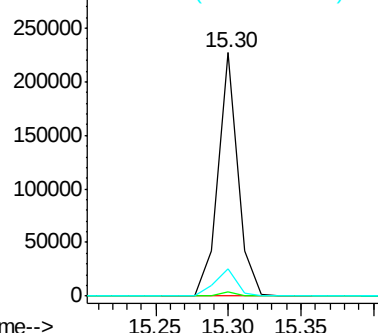
43 11.9 9.9 14.9

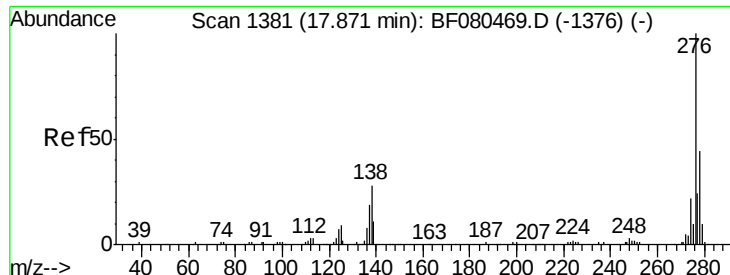


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





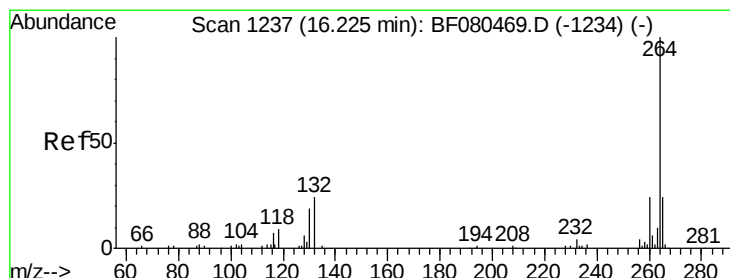
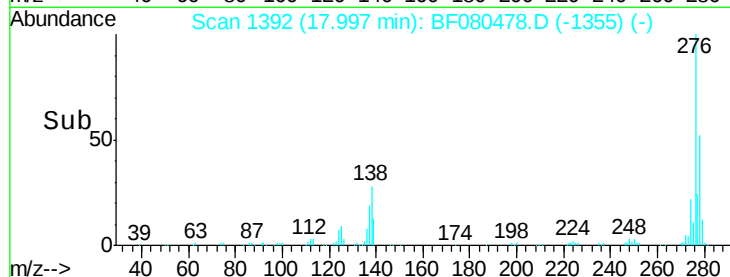
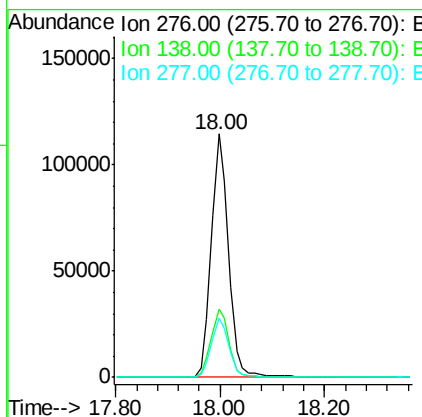
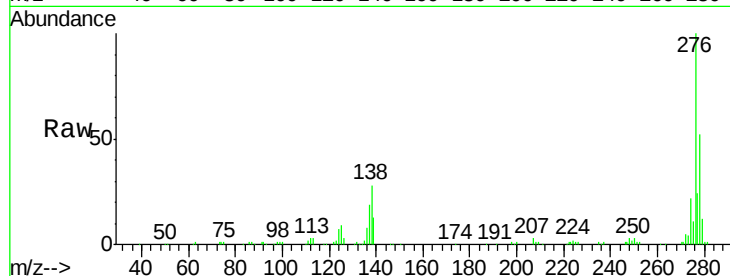
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.24 ng
 RT: 18.00 min Scan# 1392
 Delta R.T. 0.13 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	264891		
138	29.1	23.0	34.6	
277	24.7	19.7	29.5	

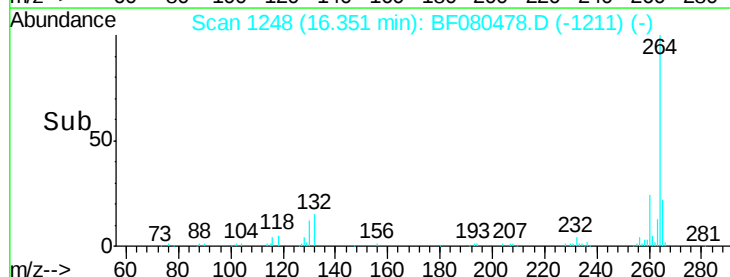
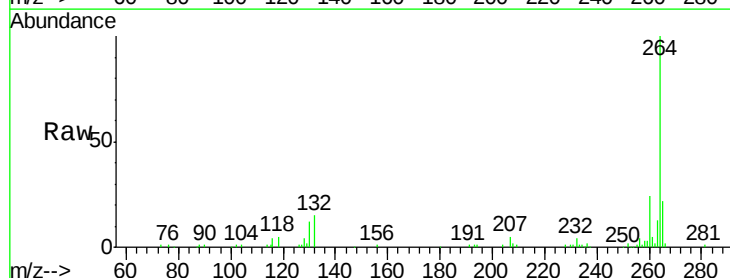
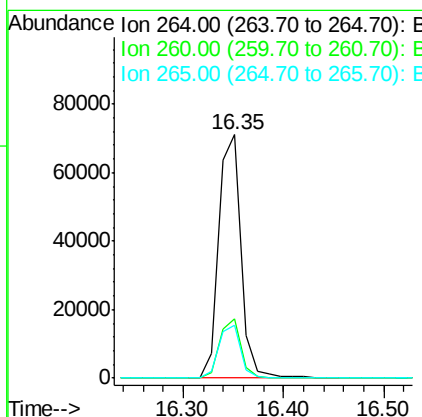
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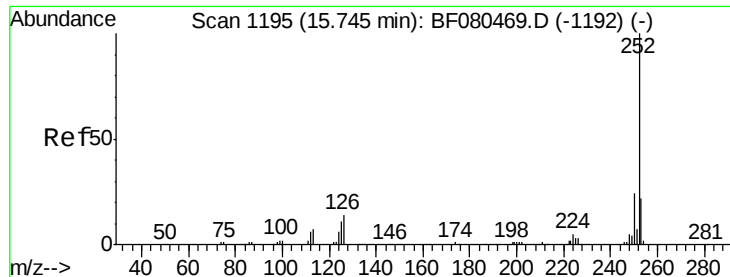
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.35 min Scan# 1248
 Delta R.T. 0.13 min
 Lab File: BF080478.D
 Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	109720		
260	24.4	19.0	28.6	
265	21.9	18.9	28.3	





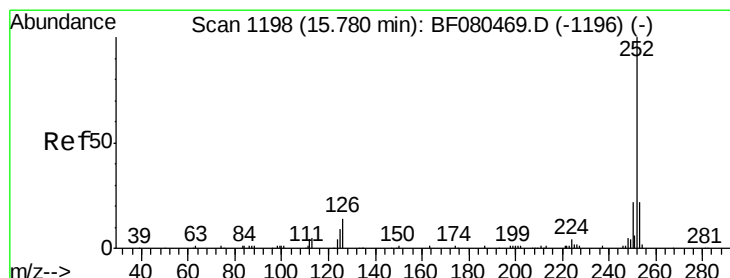
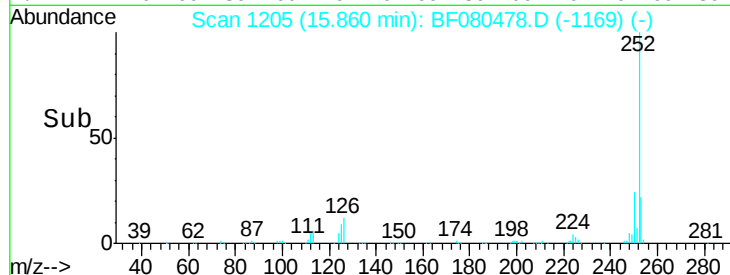
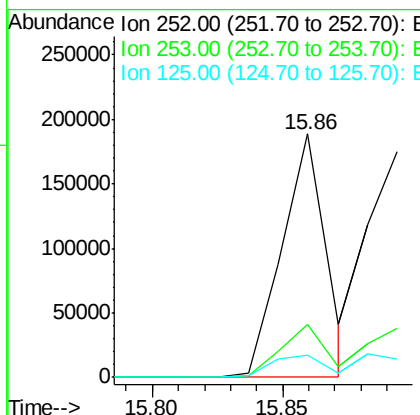
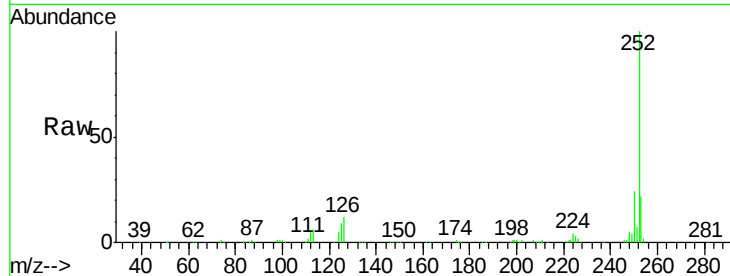
#87
Benzo(b)fluoranthene
Concen: 35.16 ng
RT: 15.86 min Scan# 1205
Delta R.T. 0.11 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Instrument :
BNA_F
ClientSampleId :
PB84447BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	220398		
253	21.5	17.5	26.3	
125	9.2	9.0	13.4	

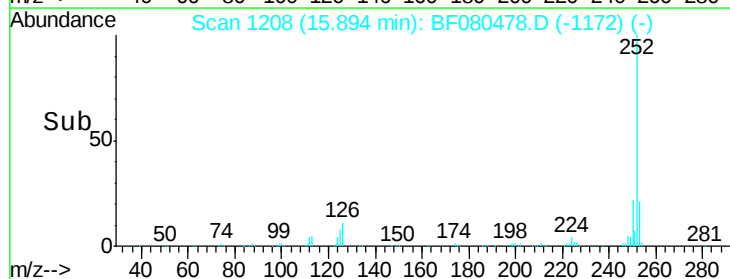
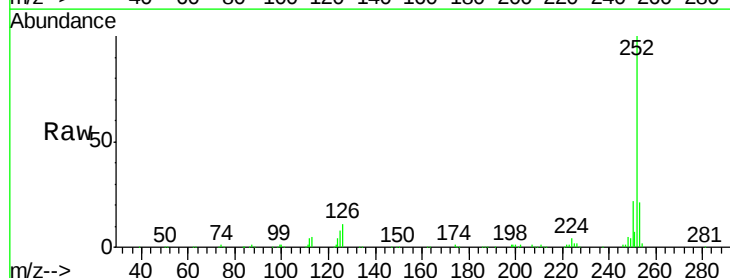
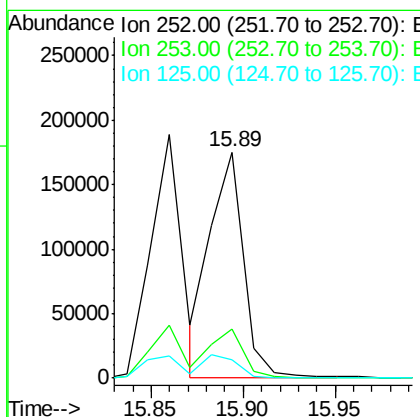
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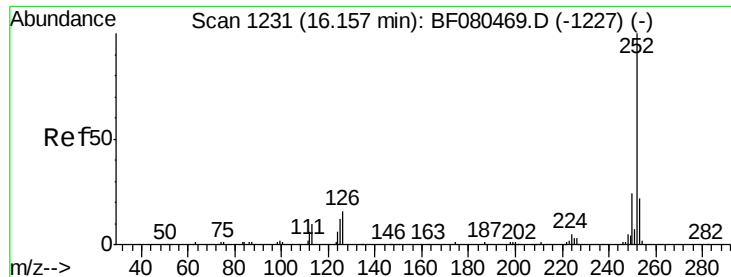
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#88
Benzo(k)fluoranthene
Concen: 36.88 ng m
RT: 15.89 min Scan# 1208
Delta R.T. 0.11 min
Lab File: BF080478.D
Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	223346		
253	21.5	17.0	25.6	
125	8.3	7.0	10.4	





#89

Benzo(a)pyrene

Concen: 36.10 ng

RT: 16.27 min Scan# 1241

Delta R.T. 0.11 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

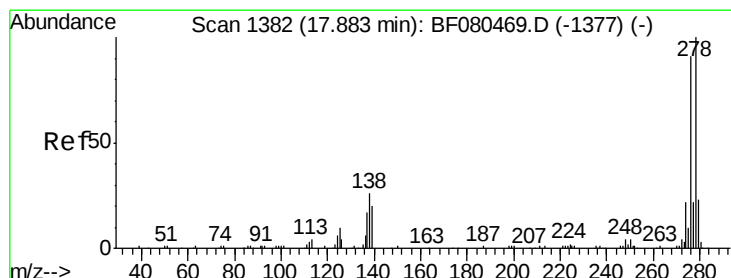
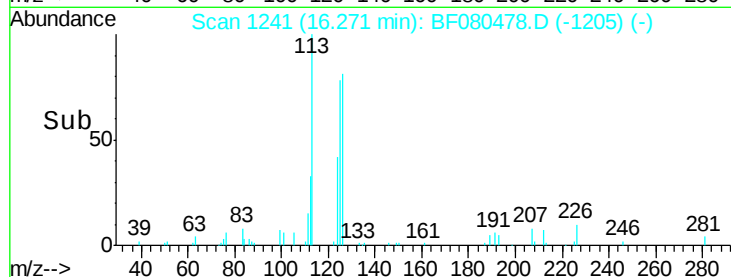
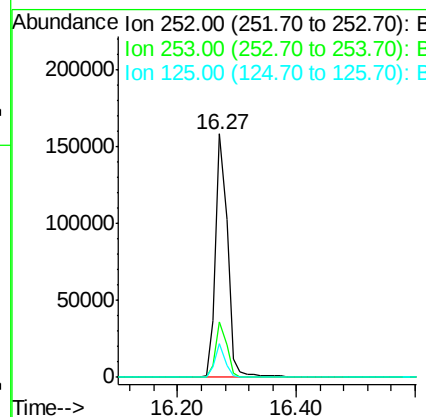
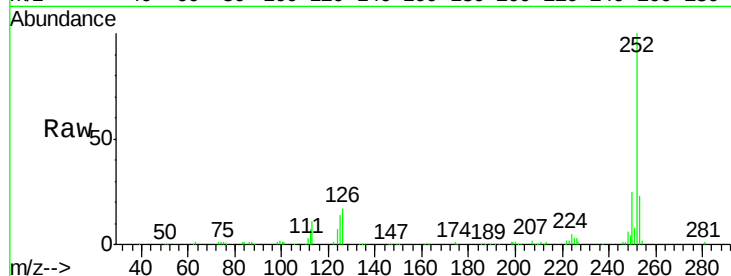
ClientSampleId :

PB84447BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	222872		
253	22.5	17.8	26.8	
125	13.8	9.9	14.9	

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#90

Dibenzo(a,h)anthracene

Concen: 31.40 ng

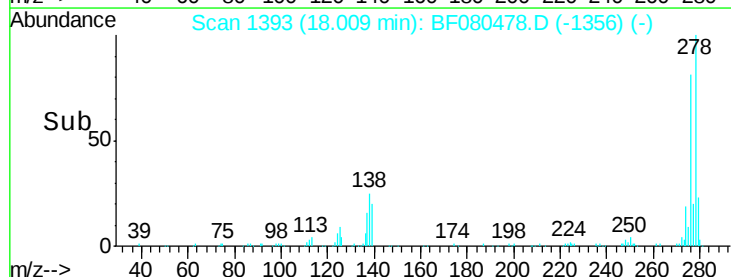
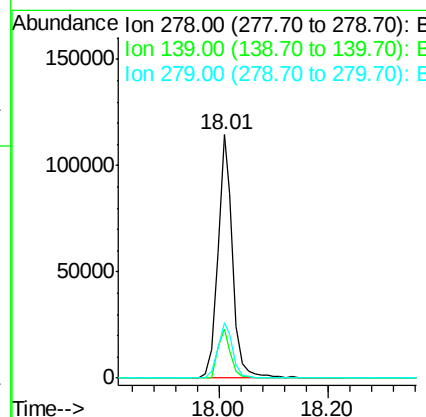
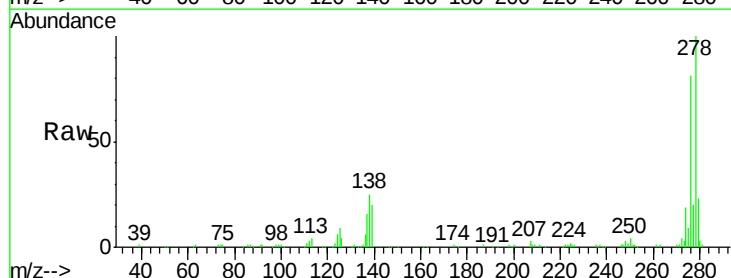
RT: 18.01 min Scan# 1393

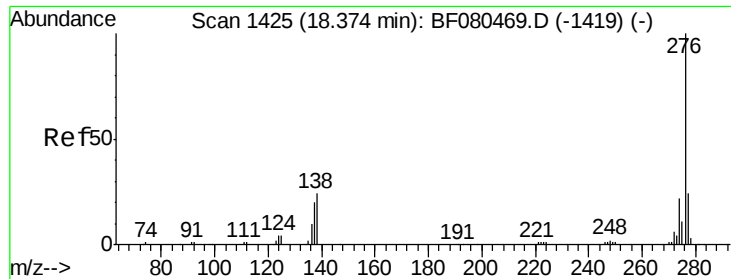
Delta R.T. 0.13 min

Lab File: BF080478.D

Acq: 15 Jul 2015 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	219868		
139	20.0	16.0	24.0	
279	22.9	18.4	27.6	





#91

Benzo(g,h,i)perylene

Concen: 30.31 ng

RT: 18.50 min Scan# 1436

Delta R.T. 0.13 min

Lab File: BF080478.D

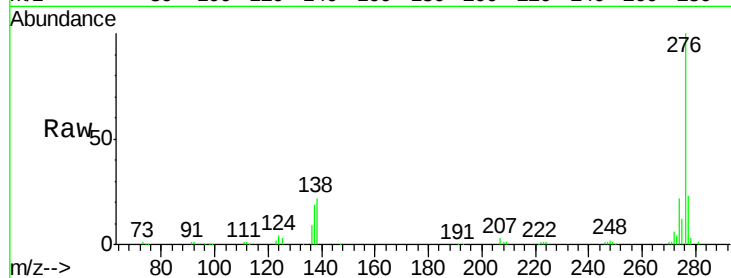
Acq: 15 Jul 2015 6:55

Instrument :

BNA_F

ClientSampleId :

PB84447BS



Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		222096		
277	23.2	19.1	28.7		
138	21.9	19.1	28.7		

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