

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087038.D
 Acq On : 15 May 2016 00:03
 Operator : UM/SJ
 Sample : PB90490BSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BSD

Manual Integrations
 APPROVED

sohil
 5/16/2016 6:58:46 PM

Quant Time: May 16 05:49:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 16 05:03:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	134489	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	559176	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	263436	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	498724	20.00	ng	0.00
75) Chrysene-d12	13.76	240	331169	20.00	ng	0.00
86) Perylene-d12	15.11	264	302023	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	940974	118.49	ng	0.01
7) Phenol-d6	6.28	99	1232588	116.13	ng	0.00
23) Nitrobenzene-d5	7.19	82	842522	75.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	365429	131.03	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1358930	86.70	ng	0.00
78) Terphenyl-d14	12.71	244	1249857	80.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.14	88	129806	33.29	ng	# 71
3) Pyridine	2.78	79	314693	33.02	ng	# 65
4) n-Nitrosodimethylamine	2.73	42	285862	41.36	ng	# 48
6) Aniline	6.28	93	250123	19.49	ng	# 32
8) 2-Chlorophenol	6.40	128	371045	38.72	ng	# 81
9) Benzaldehyde	6.17	77	18886	3.07	ng	97
10) Phenol	6.30	94	527262	41.80	ng	81
11) bis(2-Chloroethyl)ether	6.35	93	387379	39.38	ng	# 80
12) 1,3-Dichlorobenzene	6.55	146	389000	37.51	ng	# 94
13) 1,4-Dichlorobenzene	6.63	146	403701	38.17	ng	94
14) 1,2-Dichlorobenzene	6.78	146	342546m	37.16	ng	
15) Benzyl Alcohol	6.78	79	345063	47.08	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	6.90	45	759555	35.51	ng	55
17) 2-Methylphenol	6.90	107	314241	41.21	ng	# 81
18) Hexachloroethane	7.12	117	152178	38.25	ng	98
19) n-Nitroso-di-n-propylamine	7.04	70	296285	39.94	ng	# 62
20) 3+4-Methylphenols	7.06	107	409143	41.08	ng	# 61
22) Acetophenone	7.04	105	552477	41.83	ng	# 95
24) Nitrobenzene	7.21	77	454358	39.66	ng	94
25) Isophorone	7.45	82	795102	38.48	ng	98
26) 2-Nitrophenol	7.53	139	189028	37.54	ng	96
27) 2,4-Dimethylphenol	7.59	122	331212	38.61	ng	94
28) bis(2-Chloroethoxy)methane	7.67	93	488058	43.79	ng	98
29) 2,4-Dichlorophenol	7.78	162	303892	40.25	ng	93
30) 1,2,4-Trichlorobenzene	7.84	180	326915	38.73	ng	95
31) Naphthalene	7.92	128	1046851	37.38	ng	99
32) Benzoic acid	7.74	122	171852	34.11	ng	# 82
33) 4-Chloroaniline	7.99	127	145965	13.41	ng	# 94
34) Hexachlorobutadiene	8.04	225	191852	39.17	ng	98
35) Caprolactam	8.36	113	102567m	39.93	ng	
36) 4-Chloro-3-methylphenol	8.49	107	345251	37.71	ng	90
37) 2-Methylnaphthalene	8.62	142	740855	45.25	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	286644	37.42	ng	97
40) Hexachlorocyclopentadiene	8.76	237	247933	68.20	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	198817	38.82	ng	95
43) 2,4,5-Trichlorophenol	8.96	196	191153	36.09	ng	96
45) 1,1'-Biphenyl	9.07	154	847292	40.44	ng	96
46) 2-Chloronaphthalene	9.10	162	636193	38.75	ng	# 92
47) 2-Nitroaniline	9.21	65	258453	43.08	ng	# 75
48) Acenaphthylene	9.51	152	971223	40.22	ng	99
49) Dimethylphthalate	9.39	163	824716	41.03	ng	100
50) 2,6-Dinitrotoluene	9.45	165	151744	35.88	ng	# 64
51) Acenaphthene	9.68	154	591387	39.37	ng	99
52) 3-Nitroaniline	9.62	138	94239	21.16	ng	82
53) 2,4-Dinitrophenol	9.74	184	100001	49.51	ng	87
54) Dibenzofuran	9.85	168	867664	45.00	ng	91
55) 4-Nitrophenol	9.82	139	160332m	55.48	ng	
56) 2,4-Dinitrotoluene	9.86	165	232226	44.36	ng	# 78
57) Fluorene	10.19	166	633503	38.52	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	181209	45.44	ng	95
59) Diethylphthalate	10.09	149	827190	42.23	ng	98
60) 4-Chlorophenyl-phenylether	10.19	204	331892	46.87	ng	91
61) 4-Nitroaniline	10.24	138	170166	39.79	ng	# 68
62) Azobenzene	10.35	77	991438	46.92	ng	88
64) 4,6-Dinitro-2-methylphenol	10.26	198	90624	29.25	ng	# 25
65) n-Nitrosodiphenylamine	10.32	169	669868	43.72	ng	99
66) 4-Bromophenyl-phenylether	10.67	248	194110	38.39	ng	# 85
67) Hexachlorobenzene	10.74	284	245583	41.56	ng	# 91
68) Atrazine	10.86	200	212245	41.47	ng	95
69) Pentachlorophenol	10.95	266	199339	72.99	ng	96
70) Phenanthrene	11.15	178	1103786	41.47	ng	100
71) Anthracene	11.20	178	1054956	38.76	ng	100
72) Carbazole	11.37	167	1016851	43.46	ng	100
73) Di-n-butylphthalate	11.70	149	1221487	42.75	ng	# 99
74) Fluoranthene	12.33	202	1062313	38.81	ng	97
76) Benzidine	12.47	184	239930	28.42	ng	96
77) Pyrene	12.56	202	1171644	46.21	ng	100
79) Butylbenzylphthalate	13.19	149	485132	45.24	ng	# 71
80) Benzo(a)anthracene	13.75	228	827250	44.50	ng	98
81) 3,3'-Dichlorobenzidine	13.71	252	151478	12.82	ng	97
82) Chrysene	13.78	228	857345	45.34	ng	99
83) Bis(2-ethylhexyl)phthalate	13.75	149	602599	46.71	ng	# 95
84) Di-n-octyl phthalate	14.35	149	1050678	49.17	ng	# 85
85) Indeno(1,2,3-cd)pyrene	16.37	276	746002	47.41	ng	95
87) Benzo(b)fluoranthene	14.74	252	694259m	35.37	ng	
88) Benzo(k)fluoranthene	14.77	252	698069m	43.43	ng	
89) Benzo(a)pyrene	15.06	252	693889	40.98	ng	# 97
90) Dibenzo(a,h)anthracene	16.37	278	625199	43.82	ng	98
91) Benzo(g,h,i)perylene	16.73	276	623707	43.02	ng	# 91

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

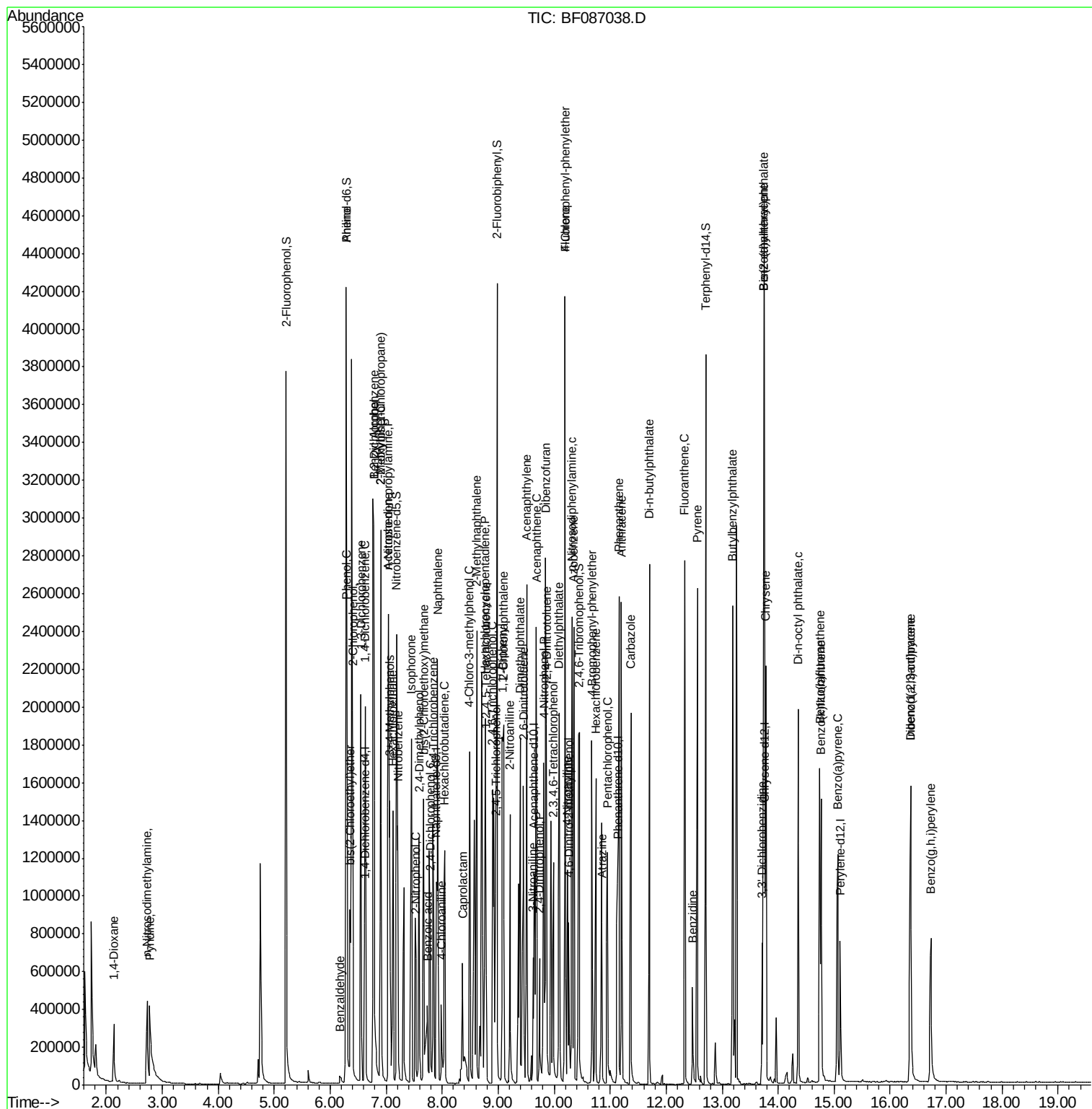
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Data File : BF087038.D  
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Sample    : PB90490BSD  
Misc      :  
ALS Vial  : 60      Sample Multiplier: 1
```

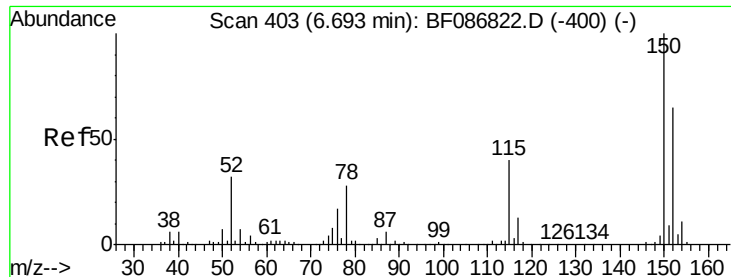
Instrument :
BNA_F
ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

PB90490BSD

Tgt Ion: 152 Resp: 134489

Ion Ratio Lower Upper

152 100

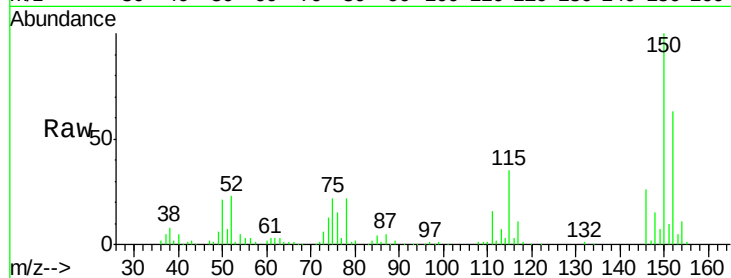
150 158.9 125.8 188.6

115 55.1 51.5 77.3

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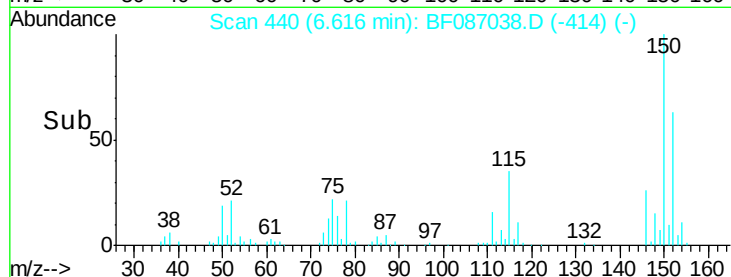
5/16/2016 6:58:46 PM



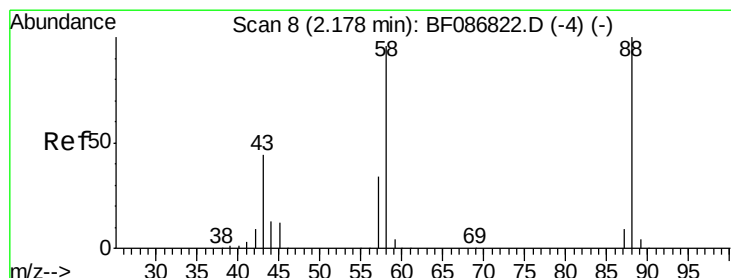
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 33.29 ng

RT: 2.14 min Scan# 48

Delta R.T. 0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

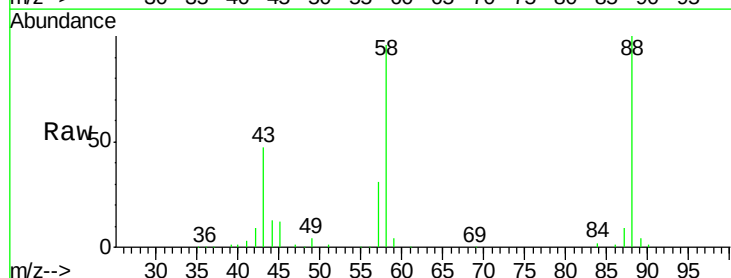
Tgt Ion: 88 Resp: 129806

Ion Ratio Lower Upper

88 100

58 98.0 59.6 89.4#

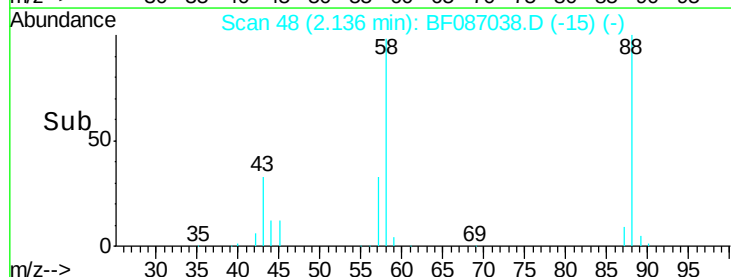
43 44.0 21.8 32.6#



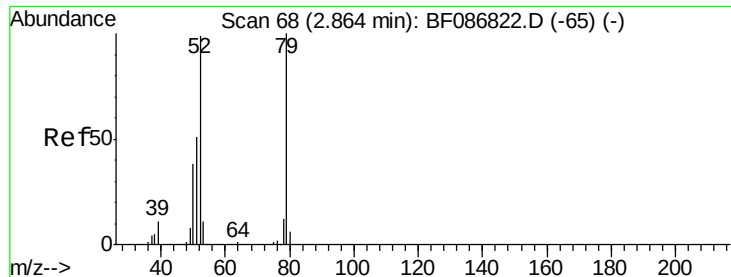
Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



Time-->



#3

Pyridine

Concen: 33.02 ng

RT: 2.78 min Scan# 104

Delta R.T. 0.08 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

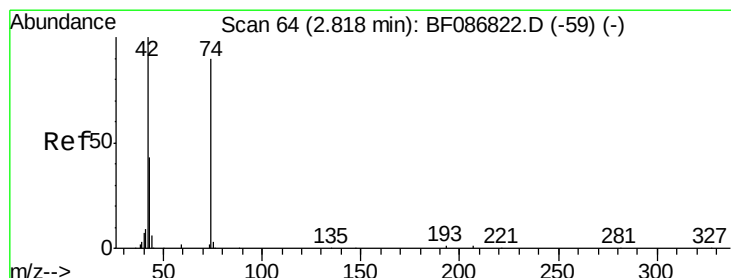
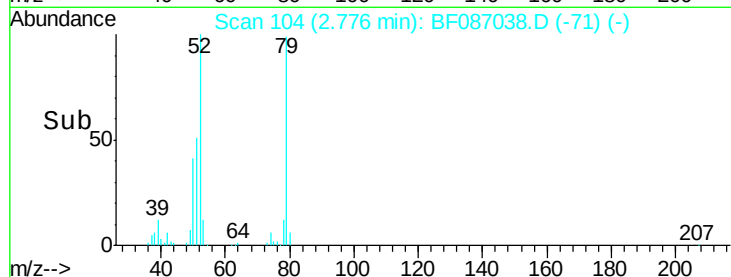
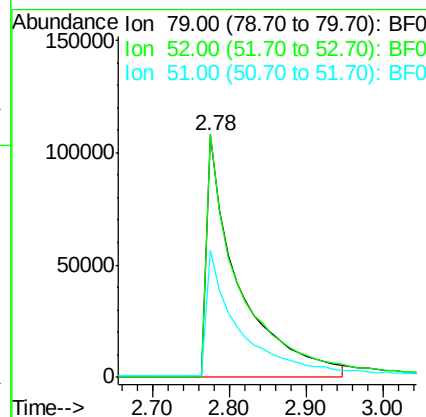
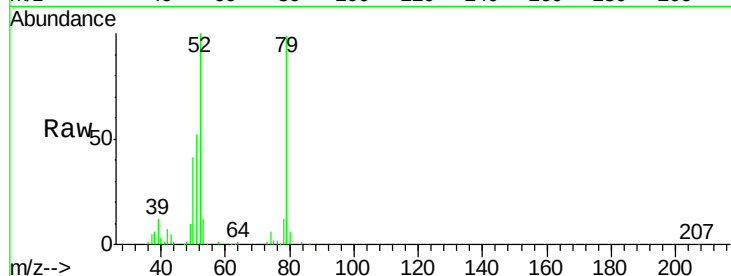
ClientSampleId :

PB90490BSD

Tgt Ion:	79	Resp:	314693
Ion Ratio	Lower	Upper	
79	100		
52	100.7	55.9	83.9#
51	52.4	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 41.36 ng

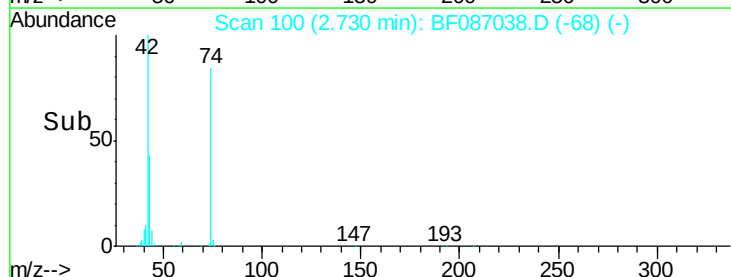
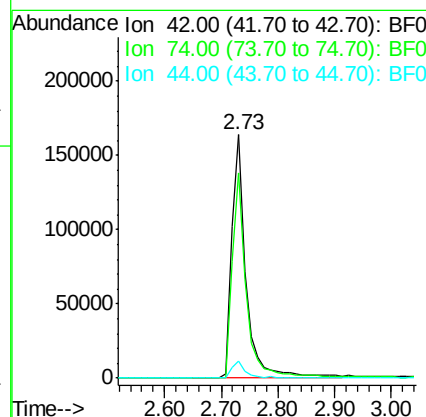
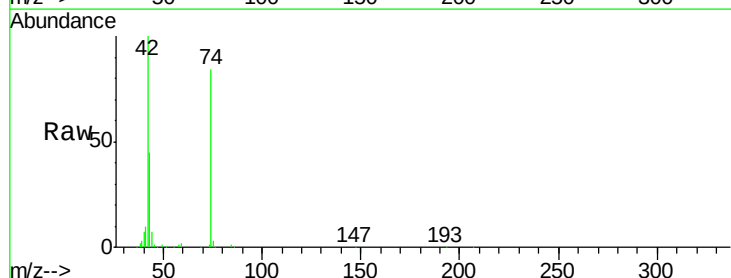
RT: 2.73 min Scan# 100

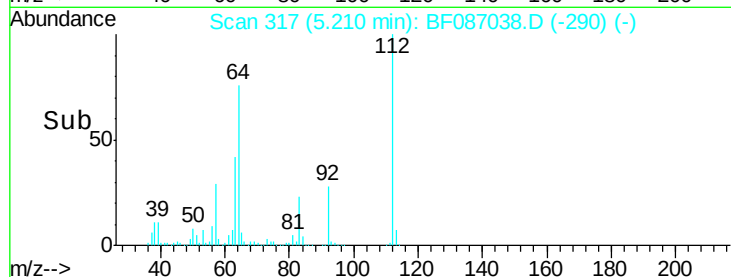
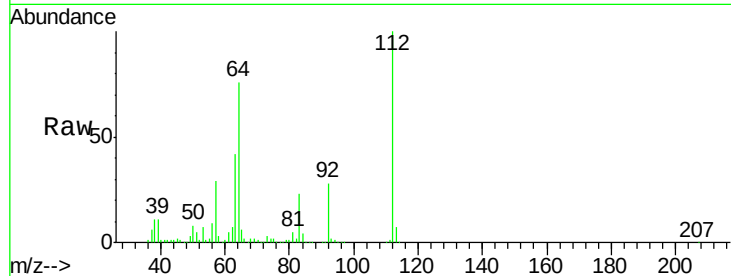
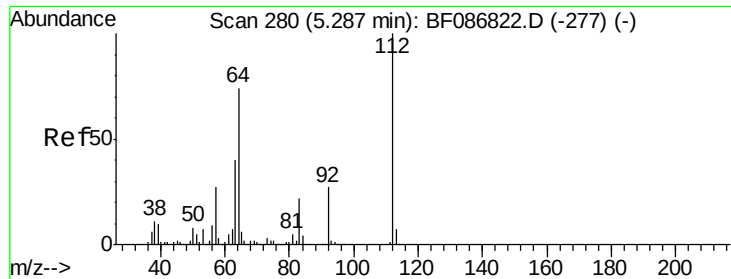
Delta R.T. 0.07 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Tgt Ion:	42	Resp:	285862
Ion Ratio	Lower	Upper	
42	100		
74	84.2	123.4	185.0#
44	6.8	5.8	8.6





#5

2-Fluorophenol

Concen: 118.49 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Tgt Ion:	112	Resp:	940974
Ion Ratio	Lower	Upper	
112	100		
64	76.5	52.1	78.1
63	41.7	25.7	38.5#

Instrument :

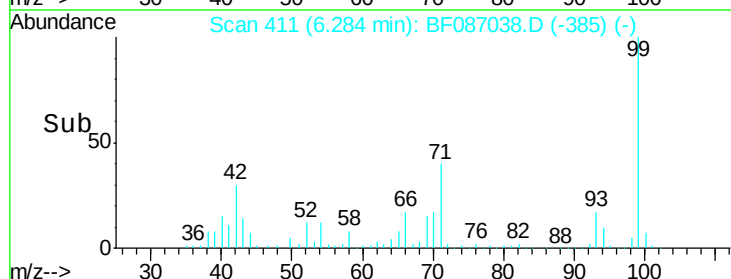
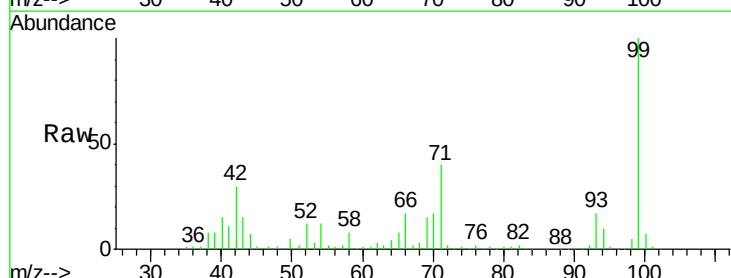
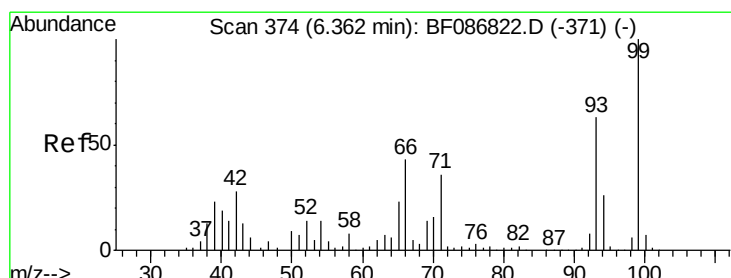
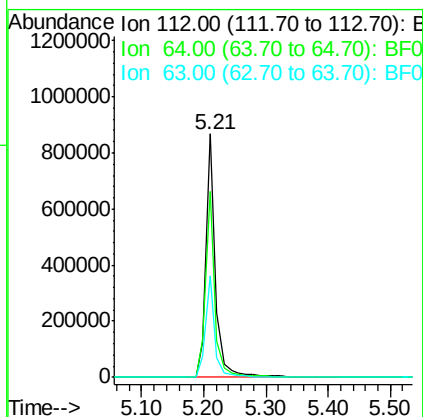
BNA_F

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#6

Aniline

Concen: 19.49 ng

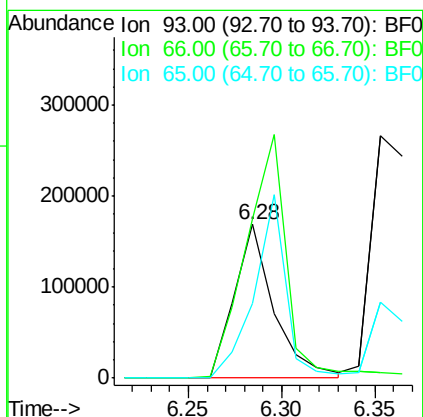
RT: 6.28 min Scan# 411

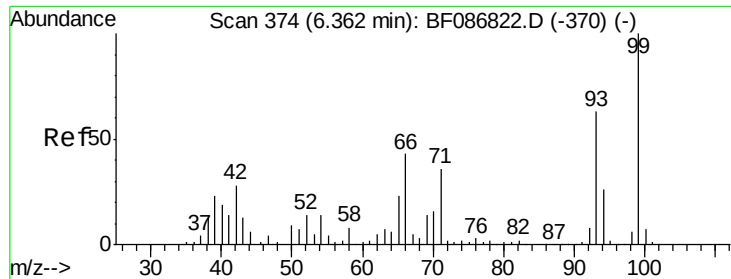
Delta R.T. 0.00 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Tgt Ion:	93	Resp:	250123
Ion Ratio	Lower	Upper	
93	100		
66	103.7	39.0	58.6#
65	48.6	20.6	31.0#





#7

Phenol-d6

Concen: 116.13 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampled :

PB90490BSD

Tgt Ion: 99 Resp: 1232588

Ion Ratio Lower Upper

99 100

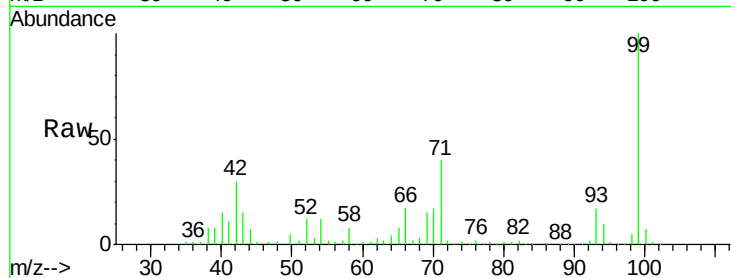
42 30.3 13.6 20.4#

71 39.6 24.6 36.8#

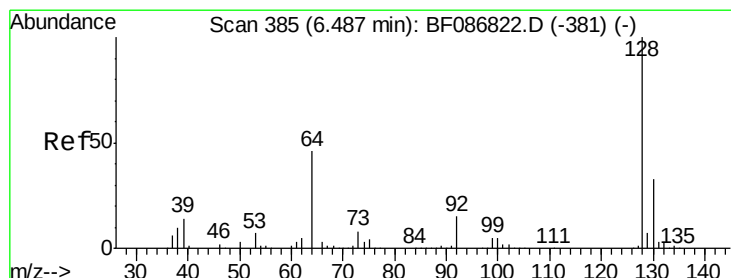
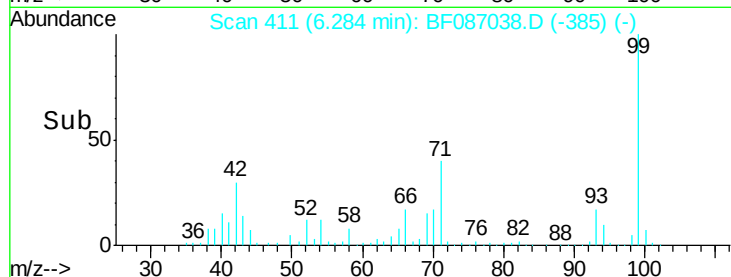
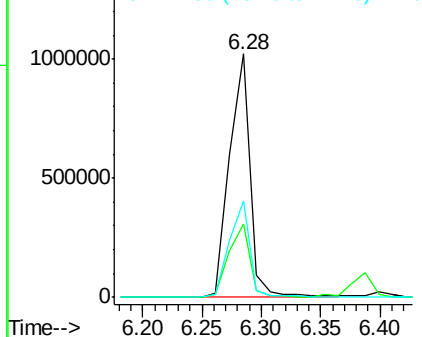
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.72 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

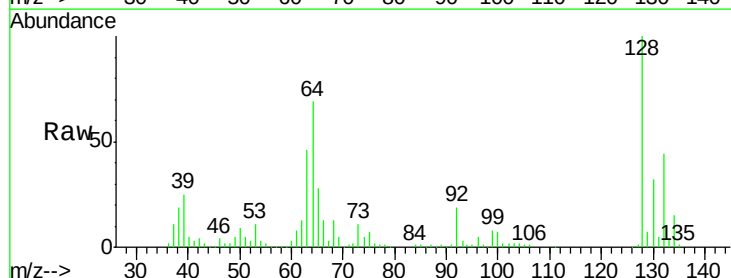
Tgt Ion: 128 Resp: 371045

Ion Ratio Lower Upper

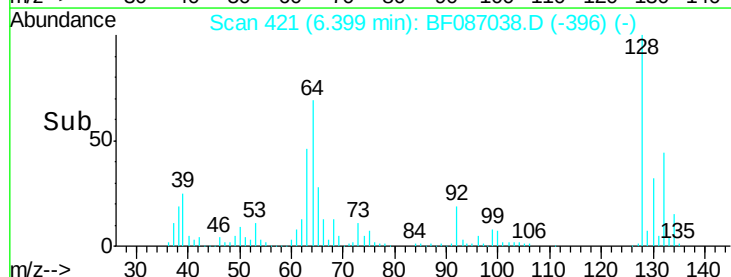
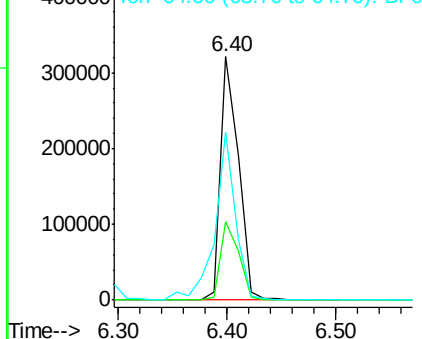
128 100

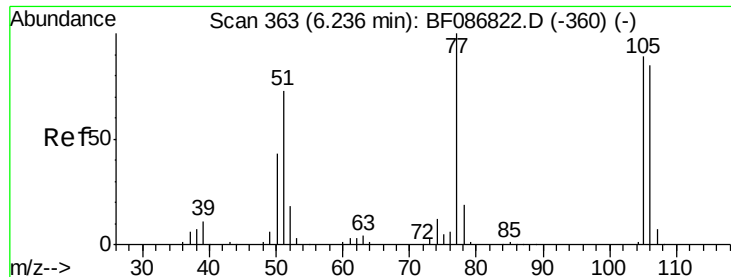
130 32.0 12.5 52.5

64 69.0 27.3 67.3#



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: 3.07 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.01 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

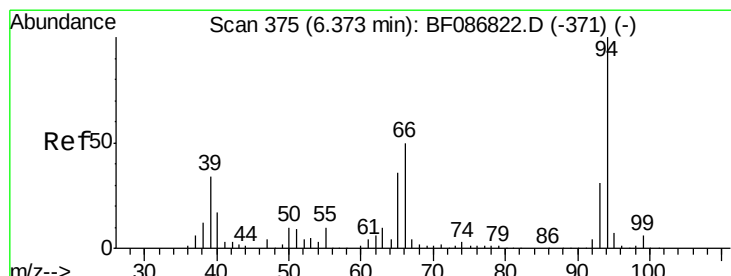
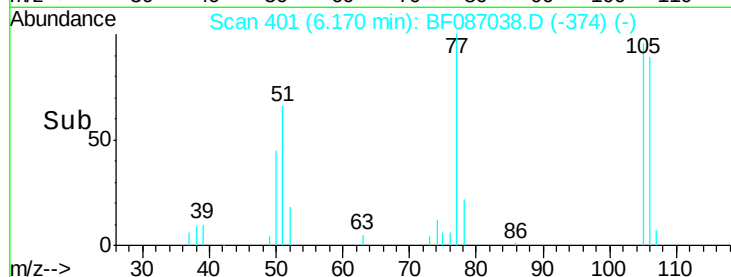
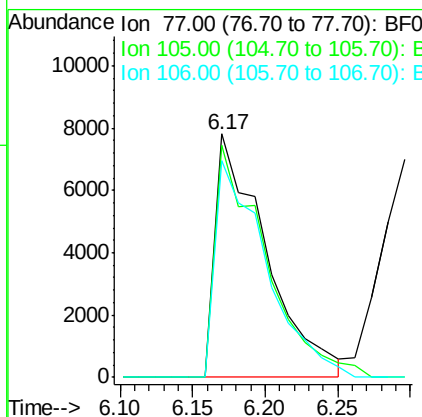
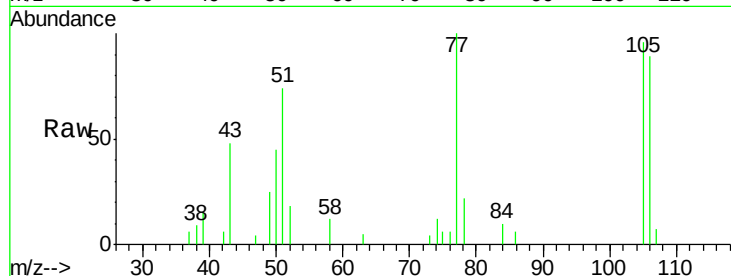
ClientSampleId :

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Tgt Ion:	77	Resp:	18886
Ion	Ratio	Lower	Upper
77	100		
105	95.6	72.7	112.7
106	88.9	70.8	110.8



#10

Phenol

Concen: 41.80 ng

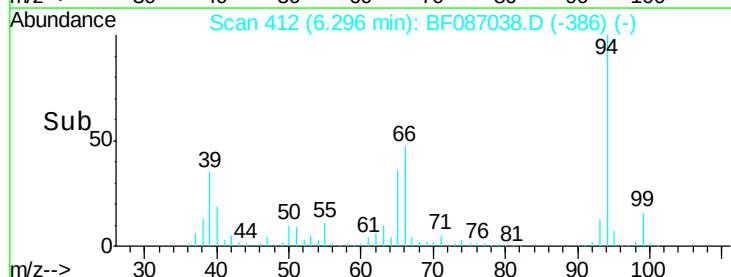
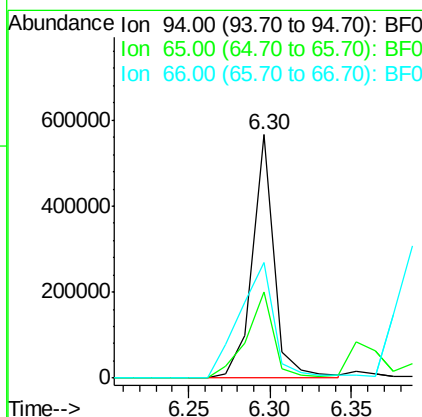
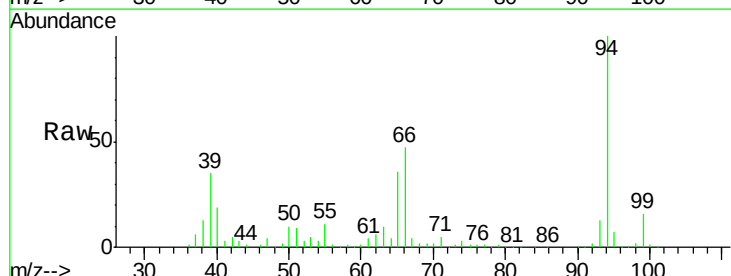
RT: 6.30 min Scan# 412

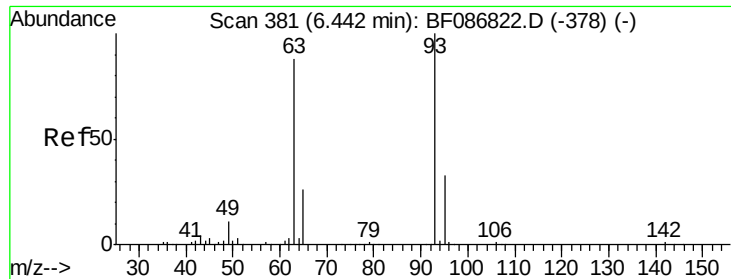
Delta R.T. 0.00 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Tgt Ion:	94	Resp:	527262
Ion	Ratio	Lower	Upper
94	100		
65	35.6	7.2	47.2
66	47.2	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 39.38 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

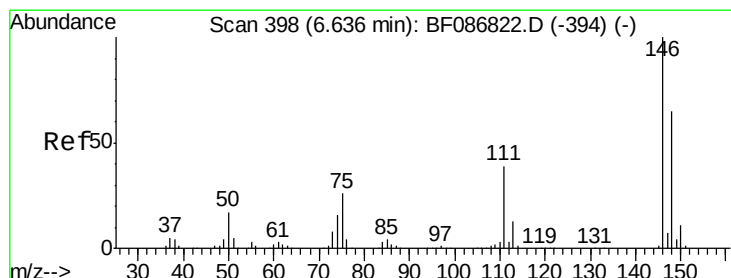
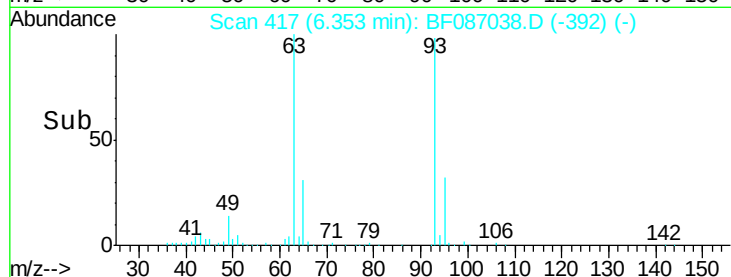
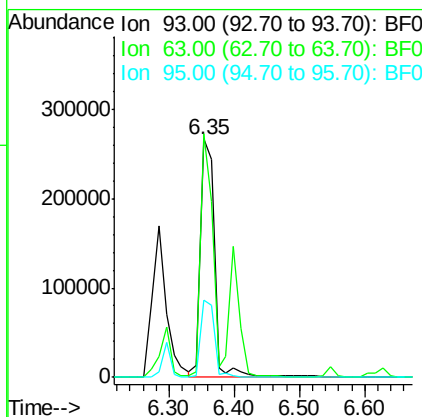
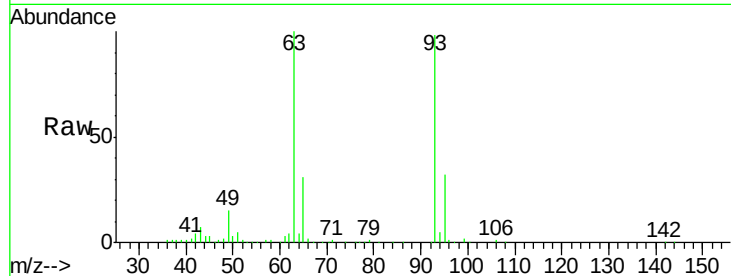
ClientSampleId :

PB90490BSD

Tgt Ion:	93	Resp:	387379
Ion Ratio	Lower	Upper	
93	100		
63	102.3	58.0	98.0#
95	32.3	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 37.51 ng

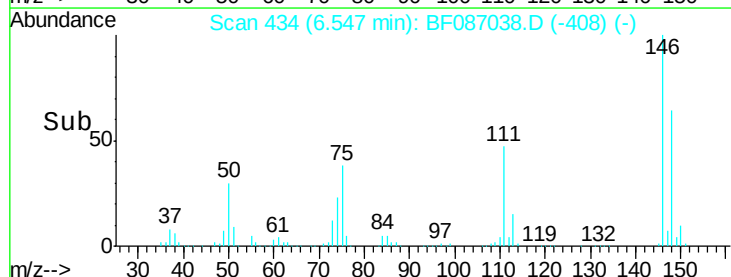
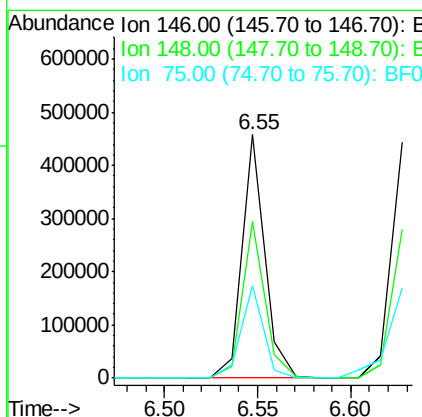
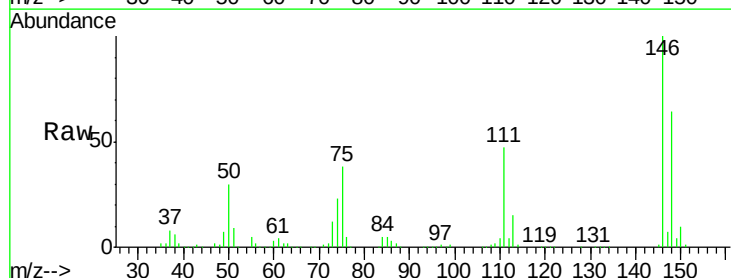
RT: 6.55 min Scan# 434

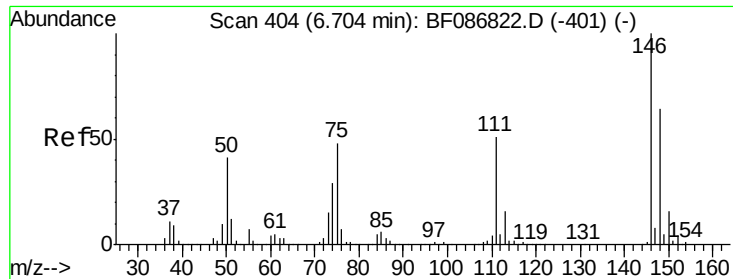
Delta R.T. 0.00 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Tgt Ion:	146	Resp:	389000
Ion Ratio	Lower	Upper	
146	100		
148	64.4	52.4	78.6
75	38.0	22.8	34.2#





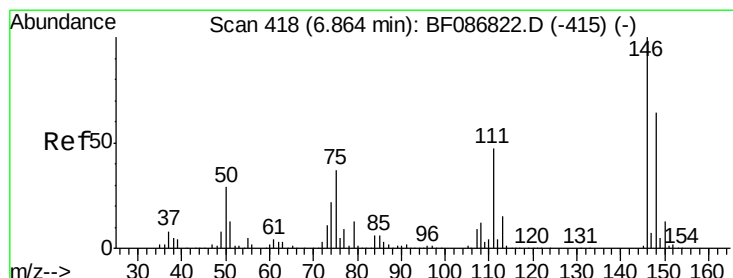
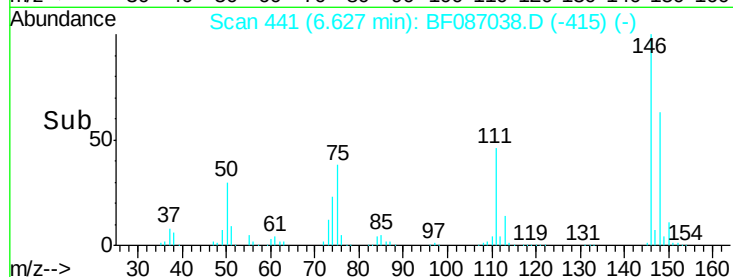
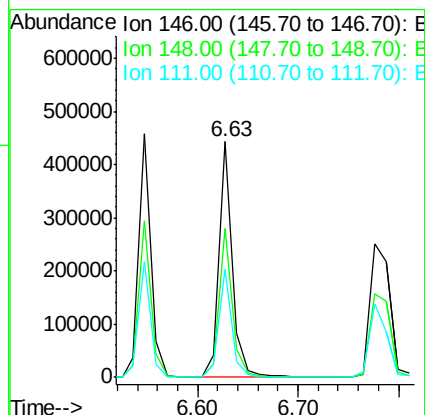
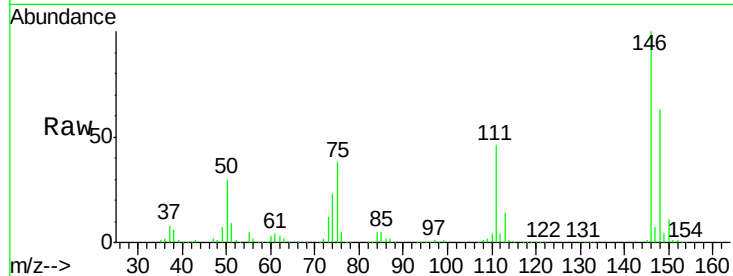
#13
 1,4-Dichlorobenzene
 Concen: 38.17 ng
 RT: 6.63 min Scan# 441
 Delta R.T. 0.00 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Instrument :
 BNA_F
 ClientSampled :
 PB90490BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.2	78.4
111	45.6	30.7	46.1

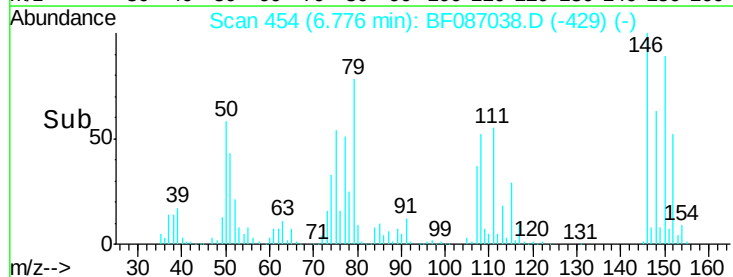
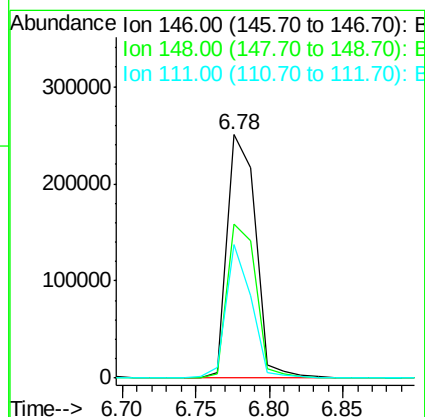
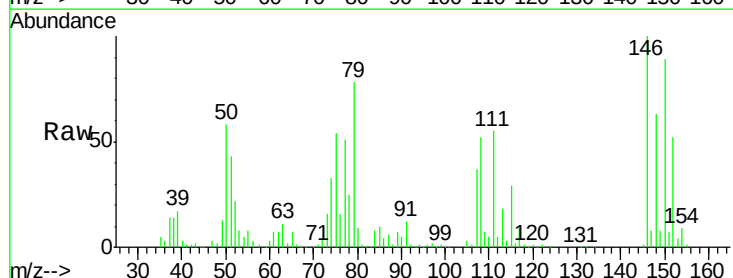
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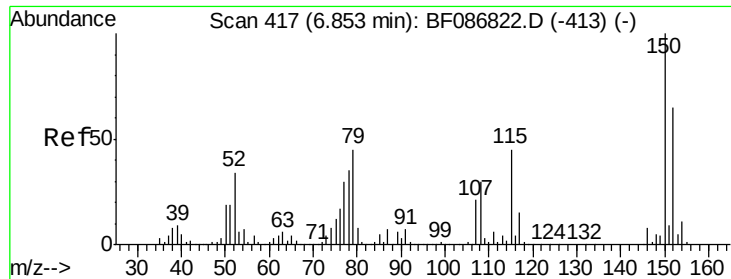
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#14
 1,2-Dichlorobenzene
 Concen: 37.16 ng m
 RT: 6.78 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.0	76.6
111	54.8	36.2	54.4#





#15

Benzyl Alcohol

Concen: 47.08 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

PB90490BSD

Tgt Ion: 79 Resp: 345063
Ion Ratio Lower Upper

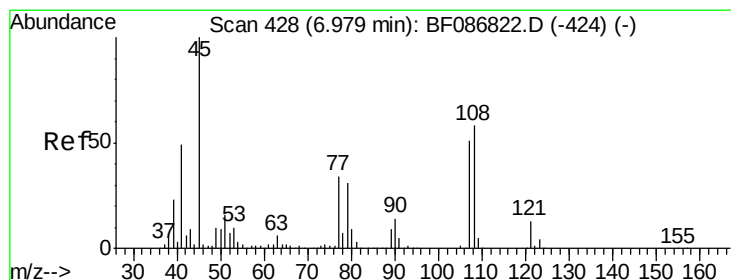
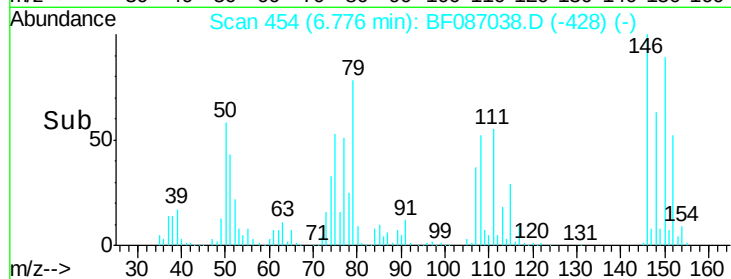
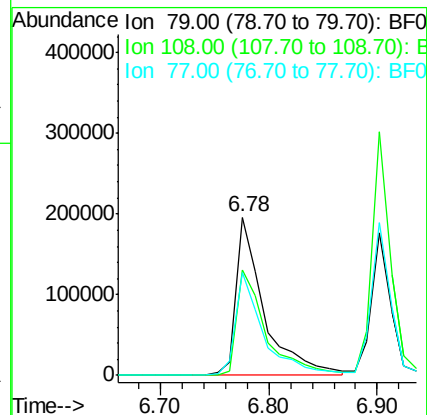
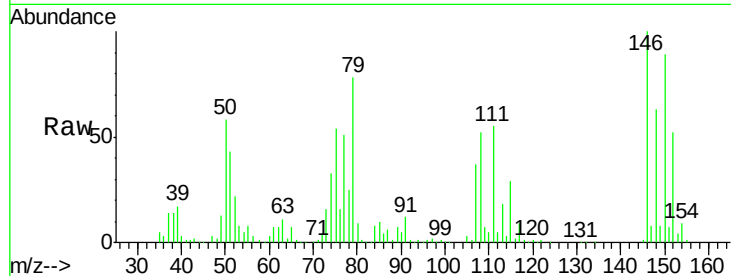
79 100

108 66.4 68.4 102.6#

77 65.1 50.6 76.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.51 ng

RT: 6.90 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF087038.D

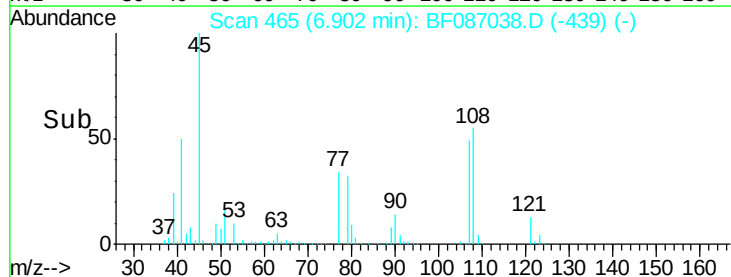
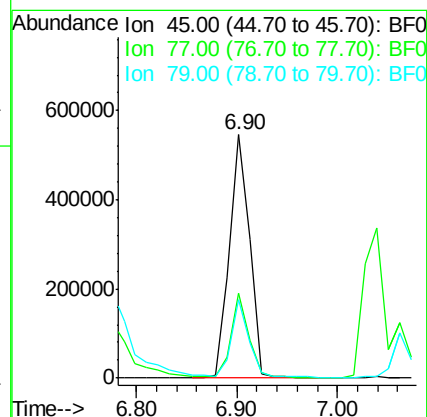
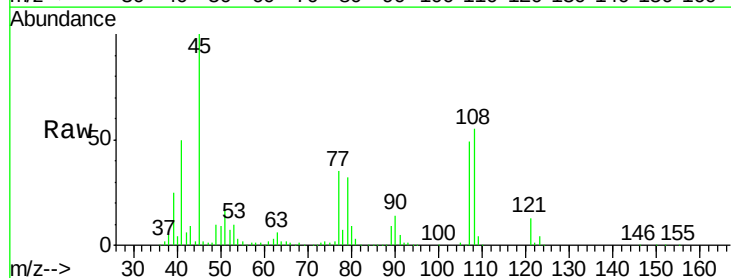
Acq: 15 May 2016 00:03

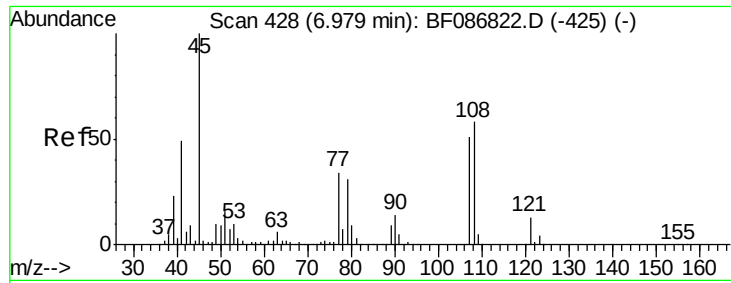
Tgt Ion: 45 Resp: 759555
Ion Ratio Lower Upper

45 100

77 34.6 0.0 36.4

79 32.3 0.0 33.4





#17

2-Methylphenol

Concen: 41.21 ng

RT: 6.90 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF087038.D

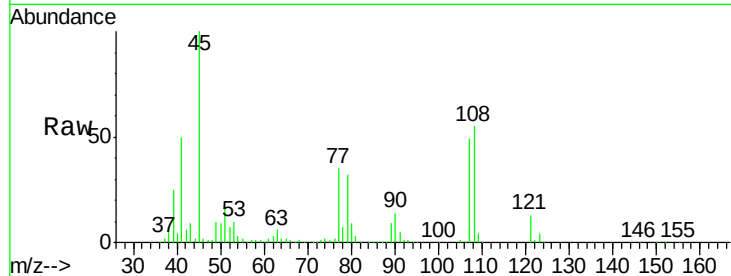
Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

PB90490BSD



Tgt Ion:107 Resp: 314241

Ion Ratio Lower Upper

107 100

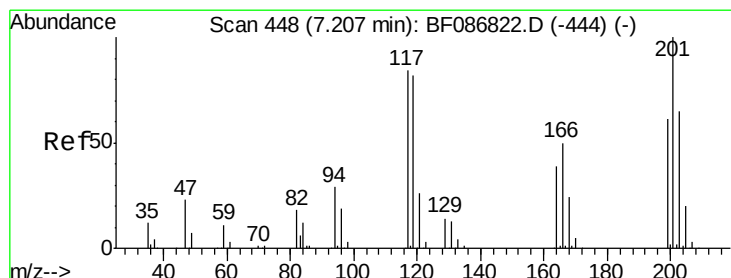
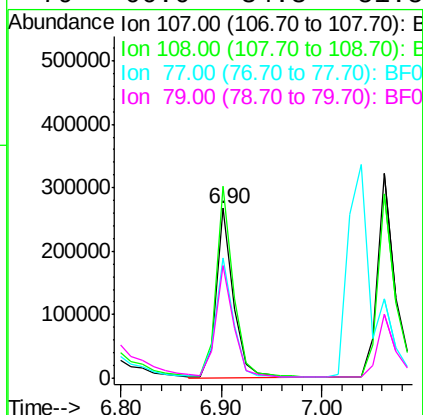
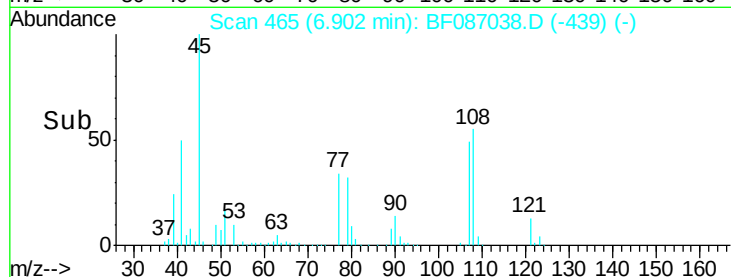
108 112.9 93.7 140.5

77 70.8 33.4 50.0#

79 66.0 34.3 51.5#

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#18

Hexachloroethane

Concen: 38.25 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

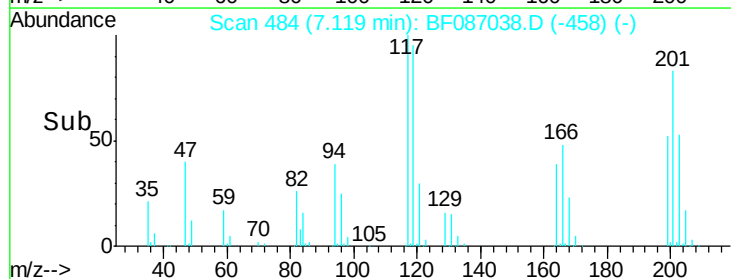
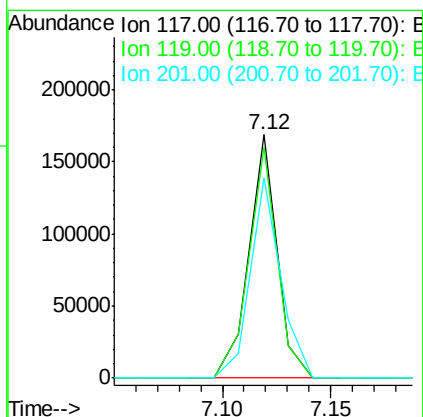
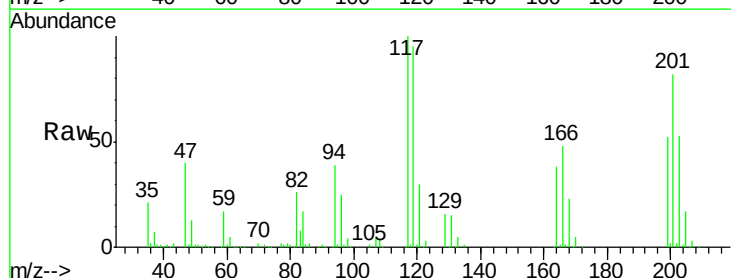
Tgt Ion:117 Resp: 152178

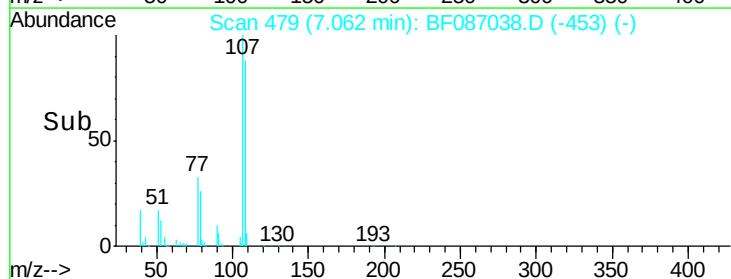
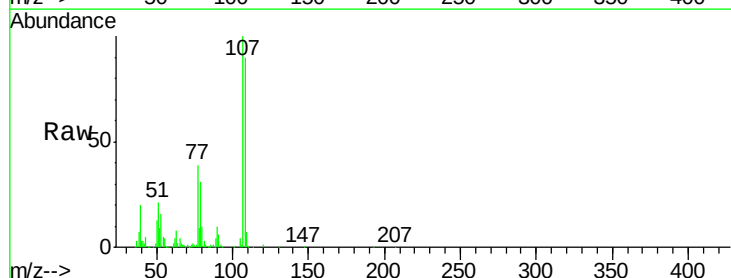
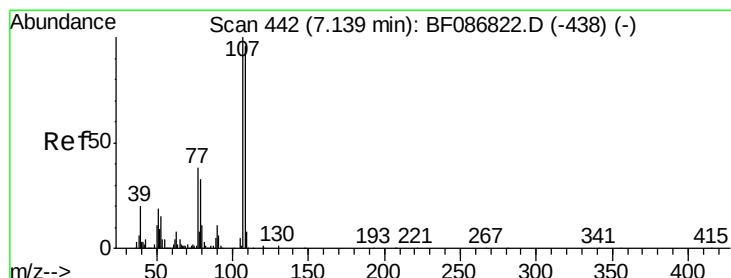
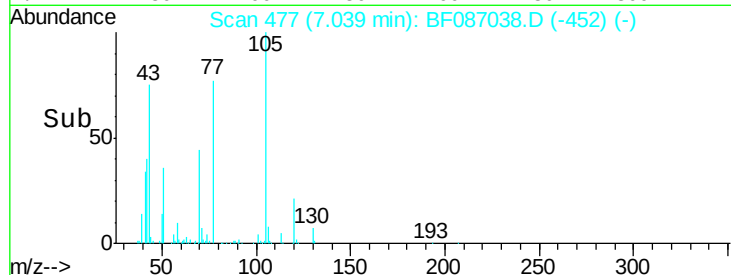
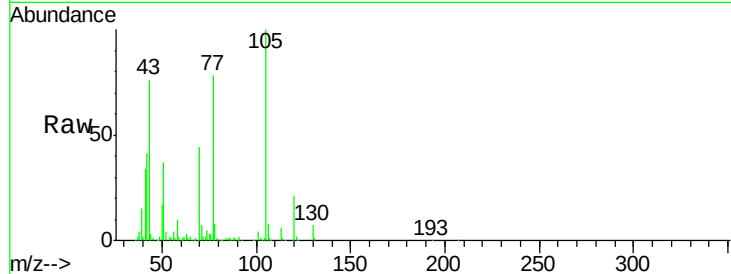
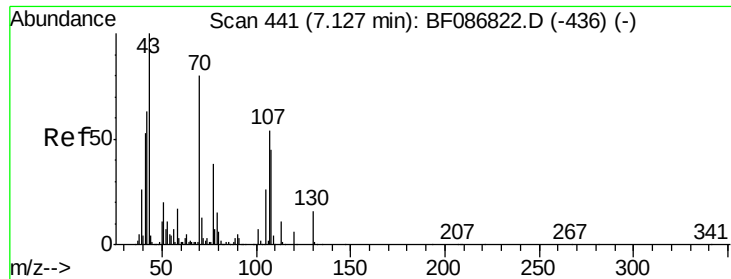
Ion Ratio Lower Upper

117 100

119 94.8 76.5 114.7

201 82.4 63.0 94.6





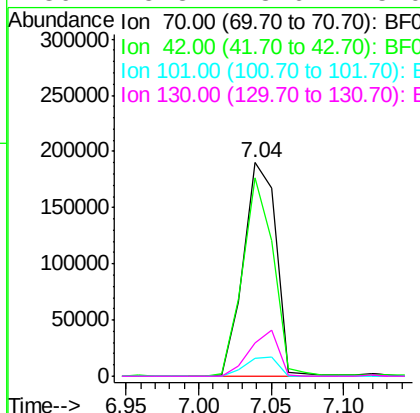
#19
n-Nitroso-di-n-propylamine
Concen: 39.94 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Instrument :
BNA_F
ClientSampleId :
PB90490BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	92.7	43.1	64.7#
101	8.2	8.1	12.1
130	15.3	18.6	28.0#

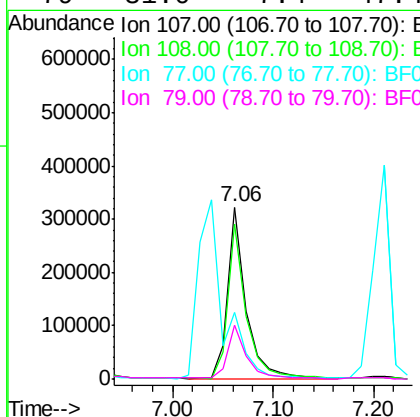
Manual Integrations
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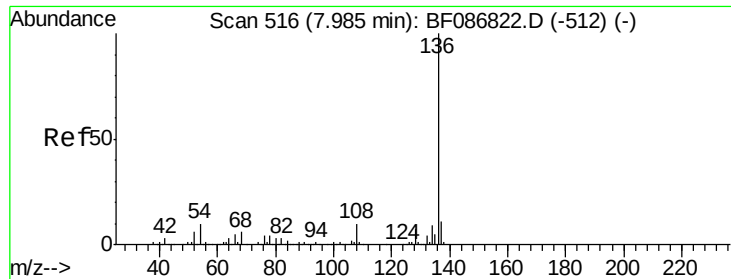
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#20
3+4-Methylphenols
Concen: 41.08 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	89.9	68.5	108.5
77	38.6	101.6	141.6#
79	31.0	7.4	47.4





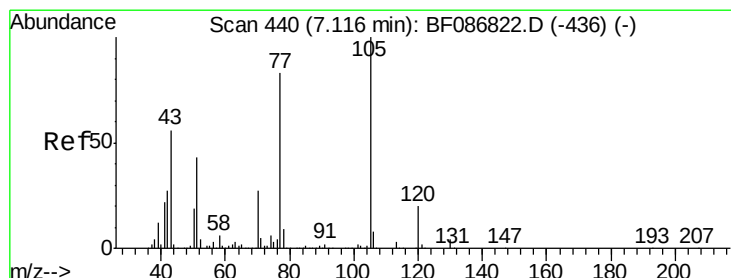
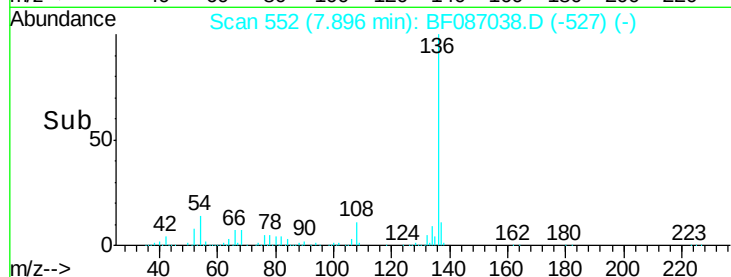
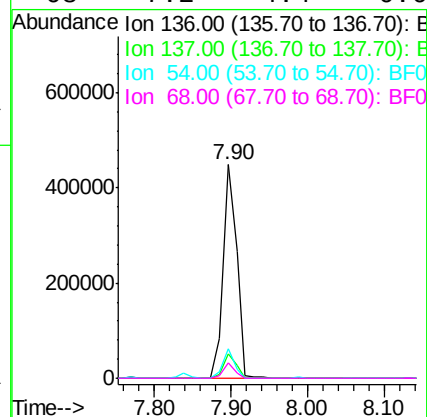
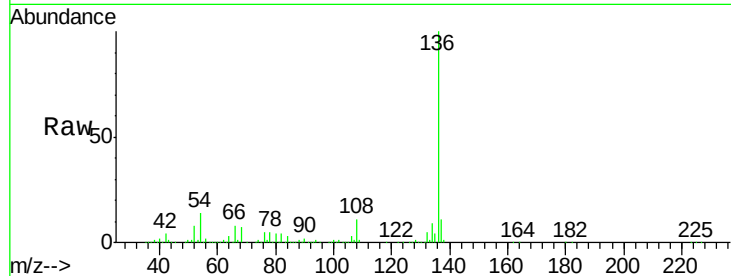
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Instrument :
BNA_F
ClientSampleId :
PB90490BSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	559176		
137	11.3	8.8	13.2	
54	14.0	5.0	7.4#	
68	7.2	4.4	6.6#	

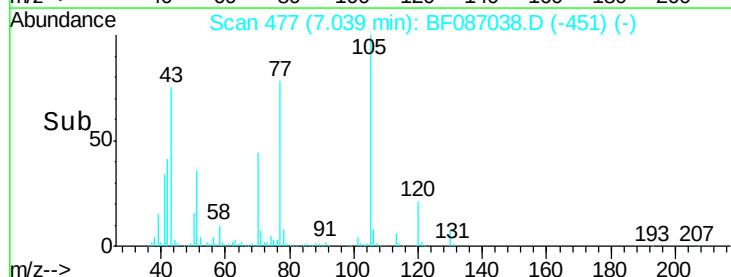
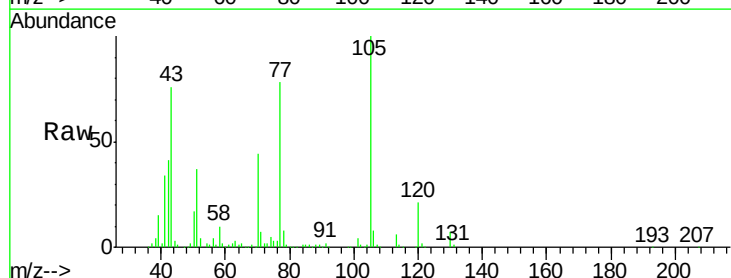
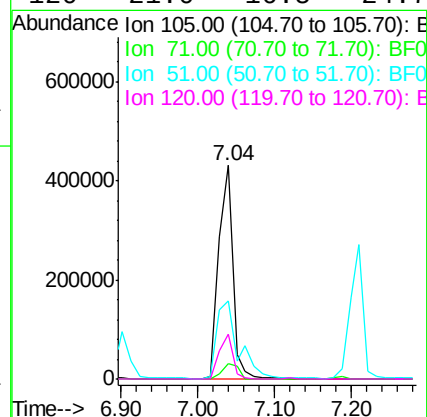
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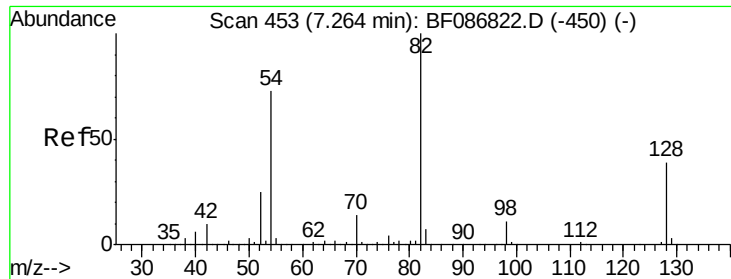
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#22
Acetophenone
Concen: 41.83 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	552477		
71	7.3	4.8	7.2#	
51	36.6	32.6	49.0	
120	21.0	16.5	24.7	





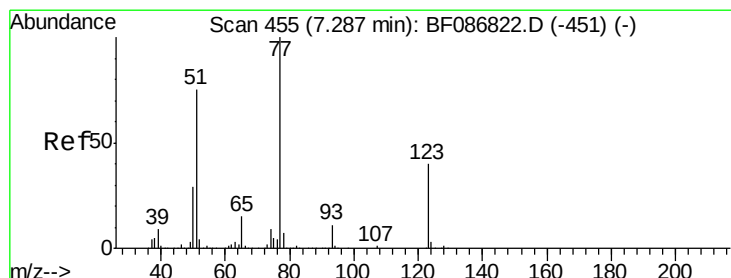
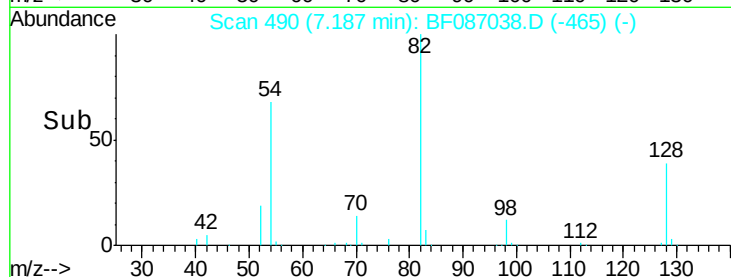
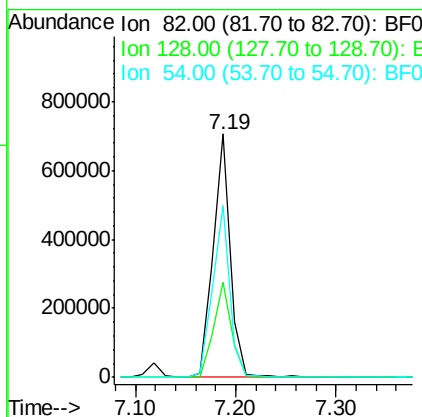
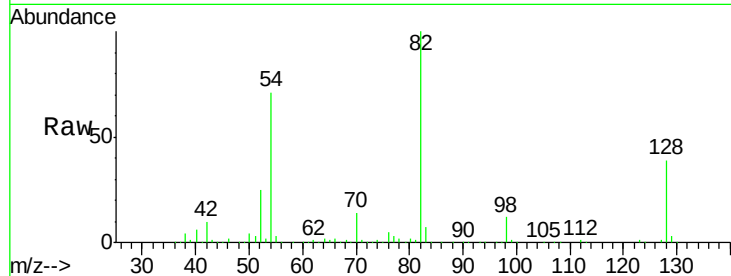
#23
 Nitrobenzene-d5
 Concen: 75.66 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	842522		
128	39.3	40.6	61.0#	
54	70.6	38.1	57.1#	

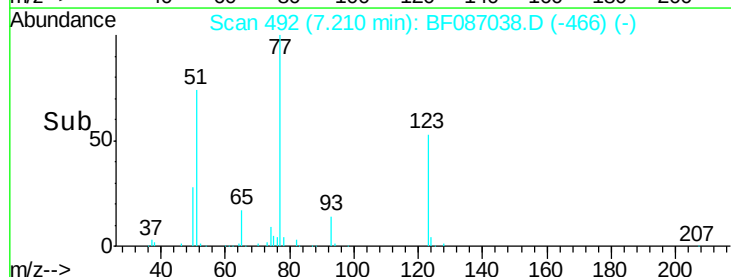
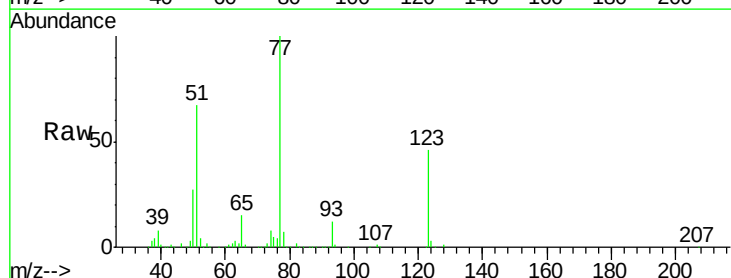
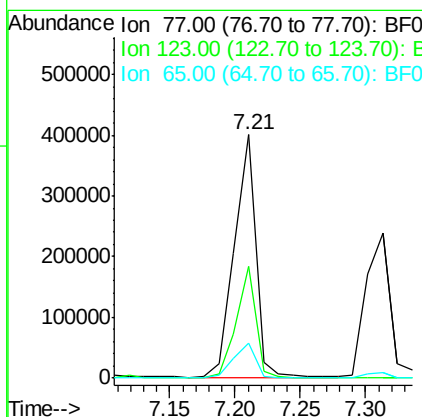
Manual Integrations
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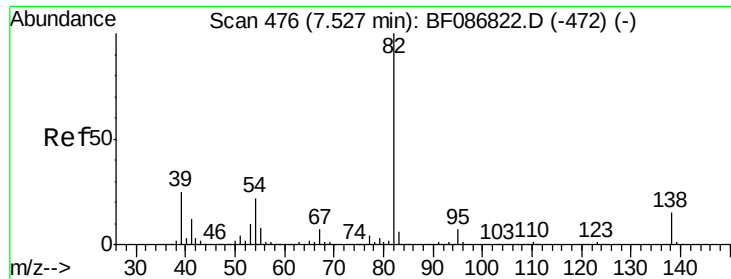
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#24
 Nitrobenzene
 Concen: 39.66 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	454358		
123	46.0	33.0	49.4	
65	14.5	10.8	16.2	





#25

Isophorone

Concen: 38.48 ng

RT: 7.45 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

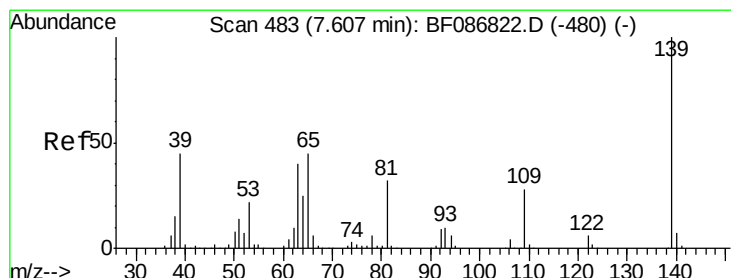
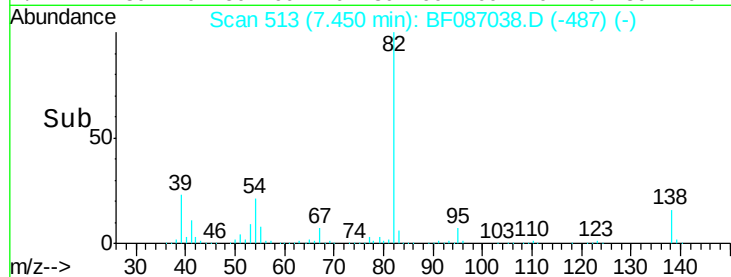
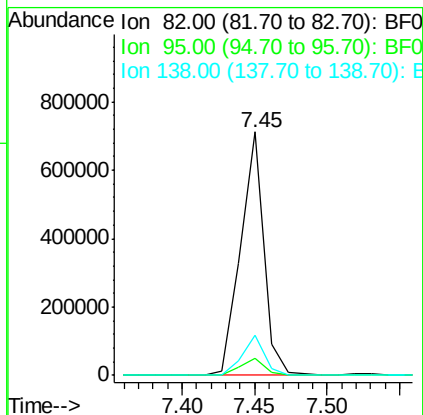
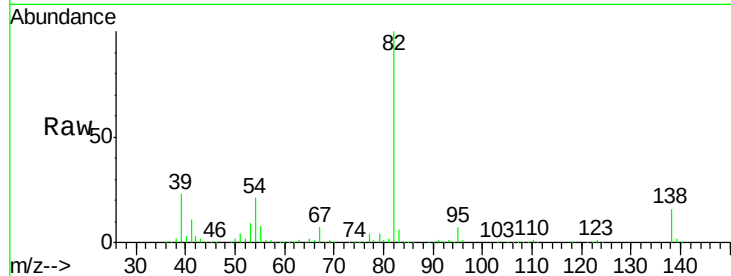
ClientSampleId :

PB90490BSD

Tgt Ion:	82	Resp:	795102
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.1	7.7
138	16.3	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.54 ng

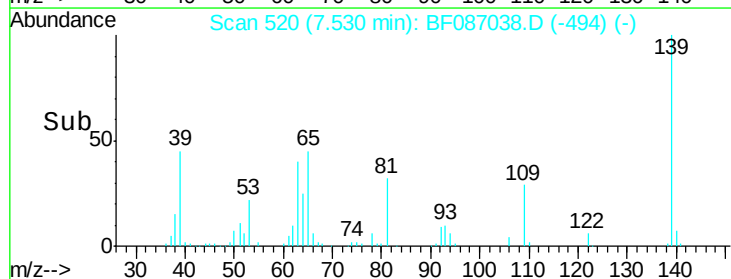
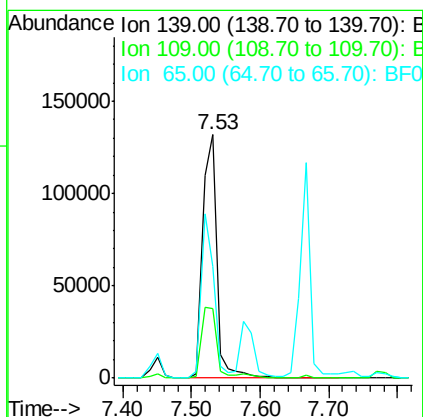
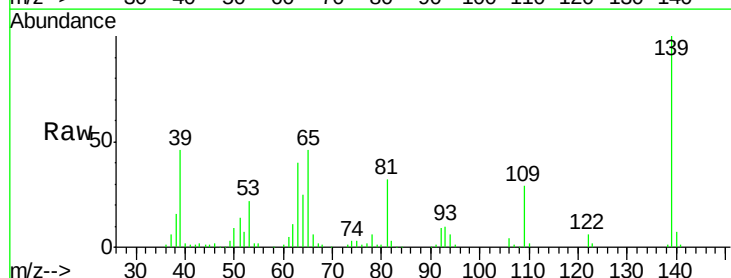
RT: 7.53 min Scan# 520

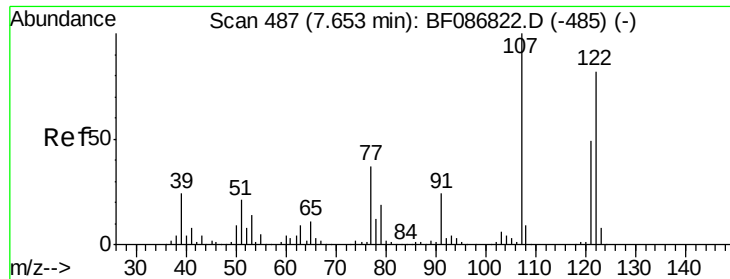
Delta R.T. 0.00 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Tgt Ion:	139	Resp:	189028
Ion Ratio	Lower	Upper	
139	100		
109	28.5	19.5	29.3
65	45.9	37.5	56.3





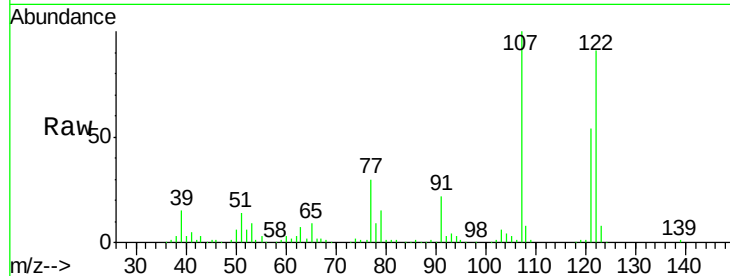
#27
 2,4-Dimethylphenol
 Concen: 38.61 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BSD

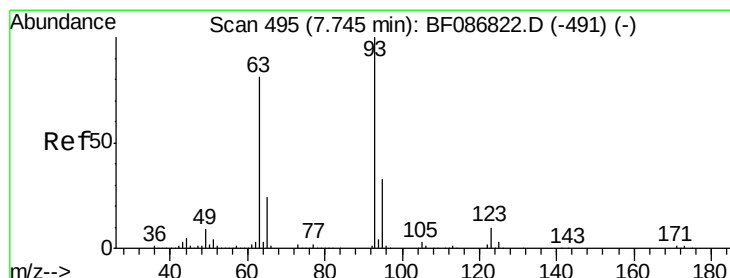
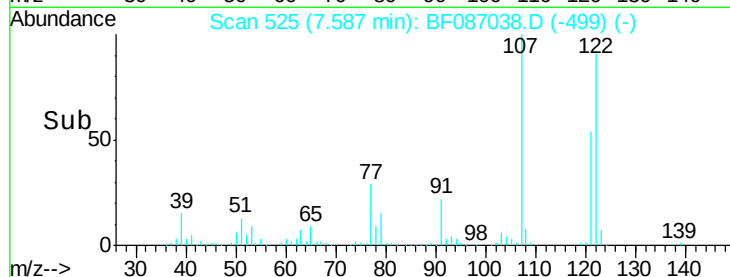
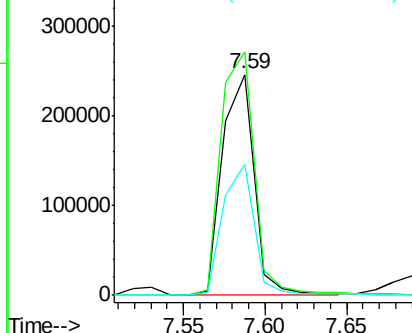
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	331212		
107	110.2	82.0	123.0	
121	59.2	46.1	69.1	

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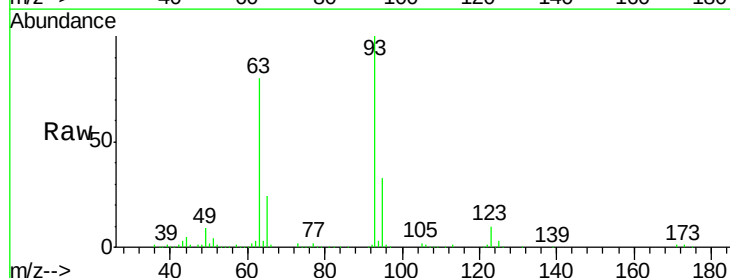


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

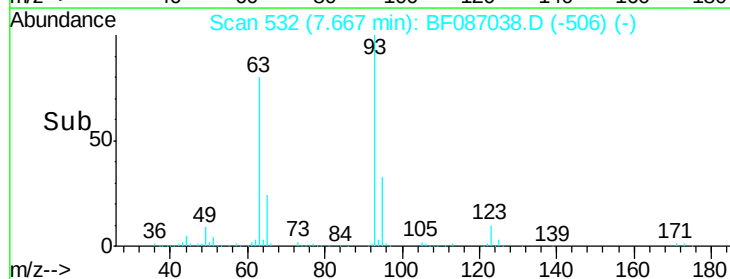
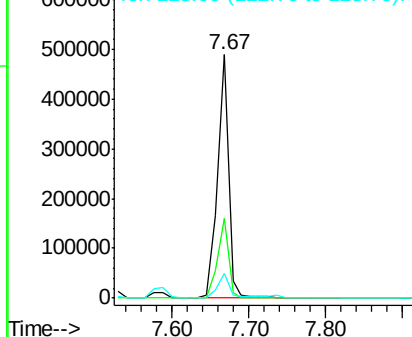


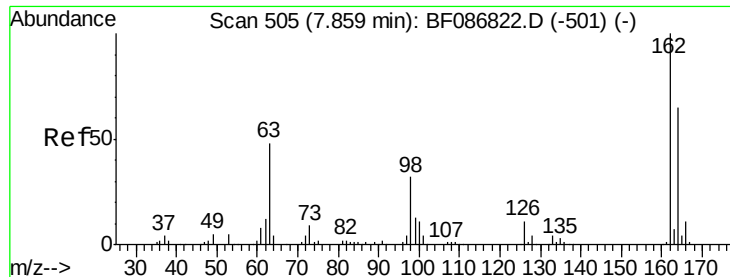
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.79 ng
 RT: 7.67 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	488058		
95	32.7	26.0	39.0	
123	10.2	9.5	14.3	



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





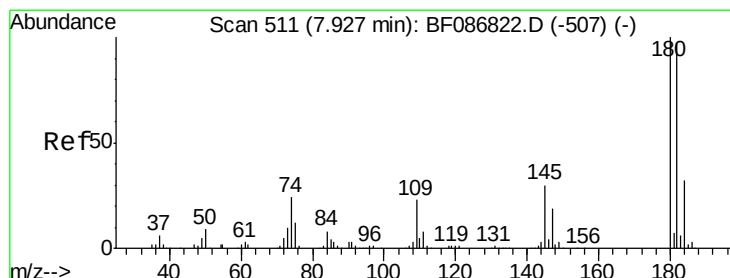
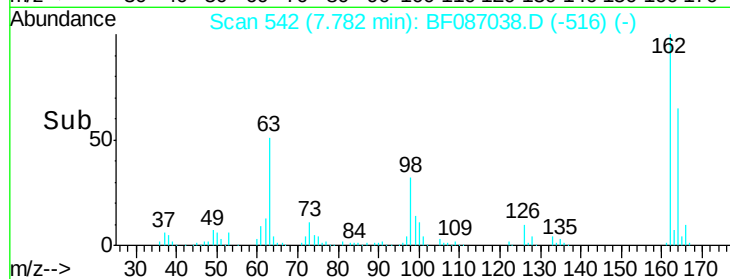
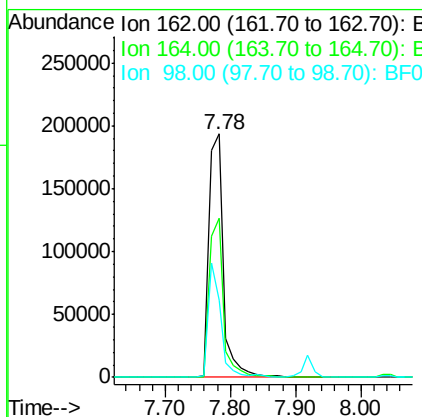
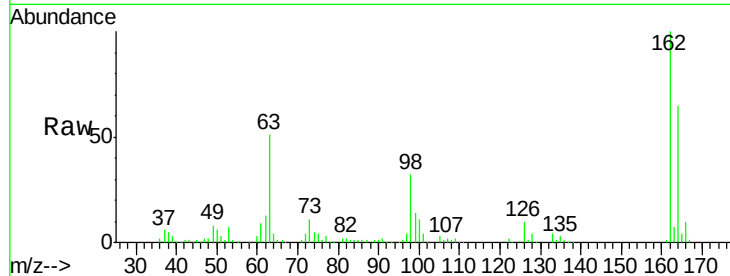
#29
 2,4-Dichlorophenol
 Concen: 40.25 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BSD

Tgt Ion:	162	Resp:	303892
Ion Ratio	Lower	Upper	
162	100		
164	65.4	42.2	82.2
98	32.0	19.0	59.0

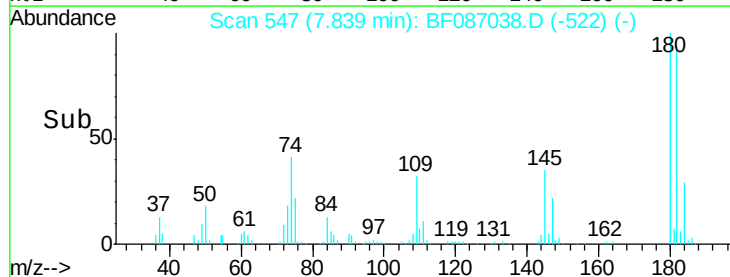
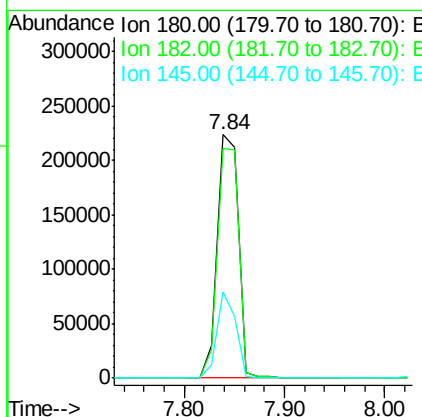
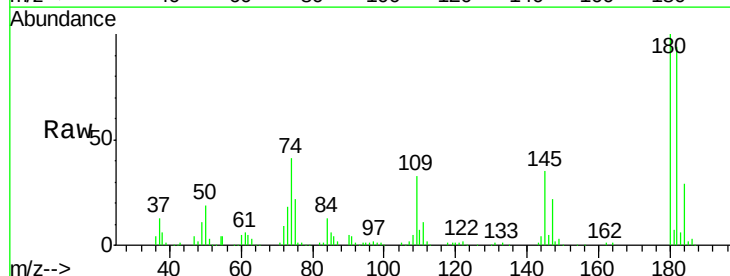
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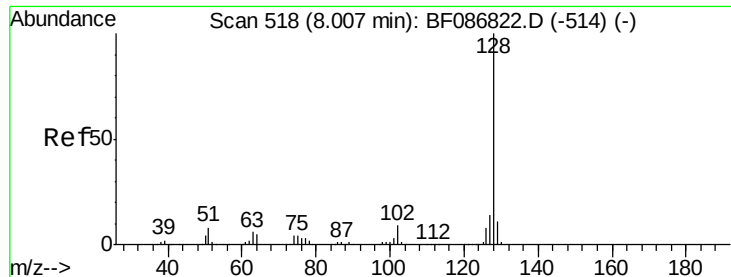
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.73 ng
 RT: 7.84 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Tgt Ion:	180	Resp:	326915
Ion Ratio	Lower	Upper	
180	100		
182	94.3	78.0	117.0
145	35.4	24.2	36.2





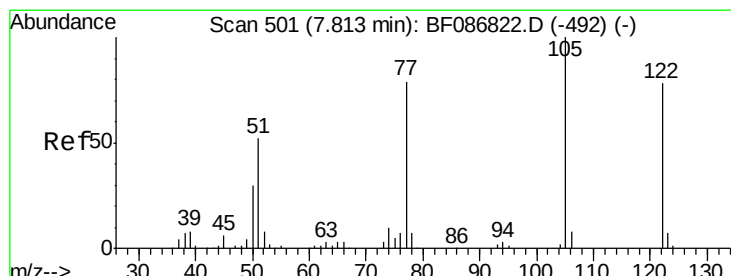
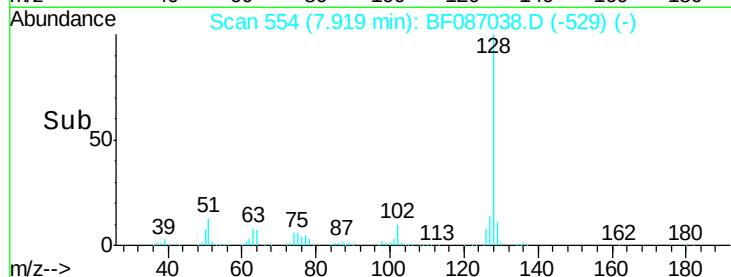
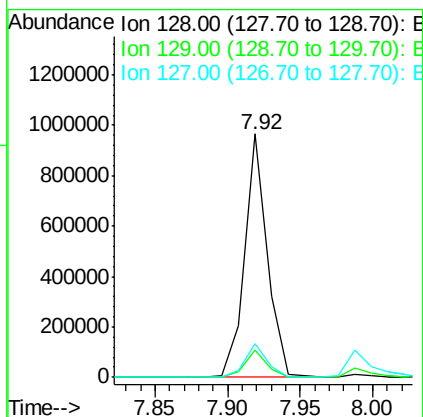
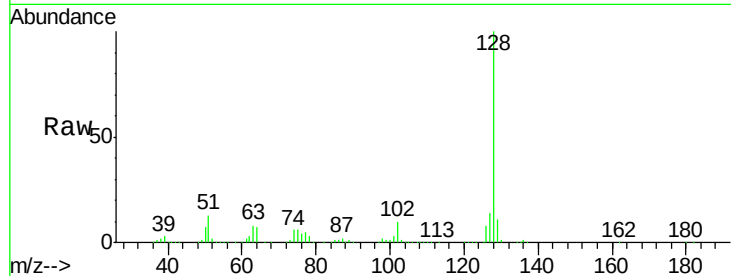
#31
Naphthalene
Concen: 37.38 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Instrument :
BNA_F
ClientSampleId :
PB90490BSD

Tgt Ion:128 Resp: 1046851
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.6 10.8 16.2

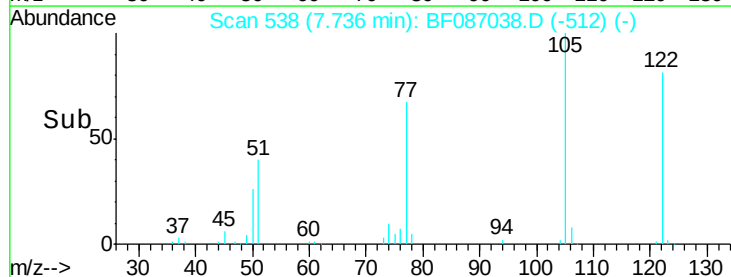
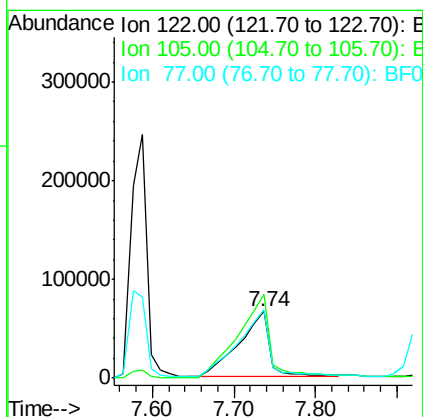
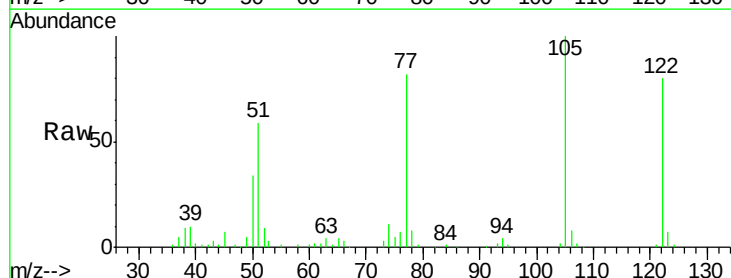
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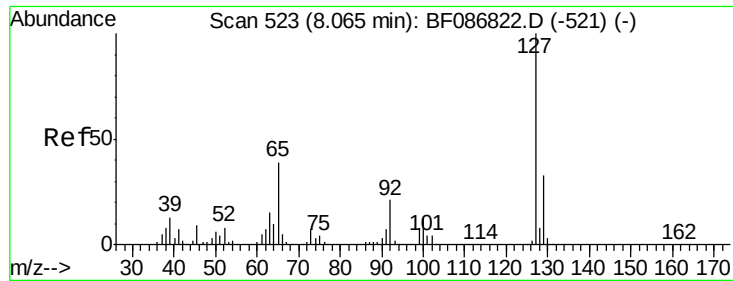
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#32
Benzoic acid
Concen: 34.11 ng
RT: 7.74 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Tgt Ion:122 Resp: 171852
Ion Ratio Lower Upper
122 100
105 125.4 92.6 132.6
77 102.9 60.0 100.0#





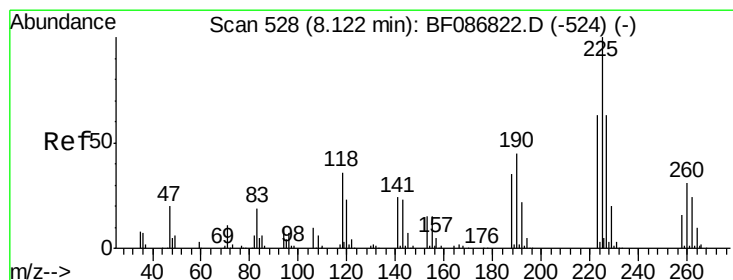
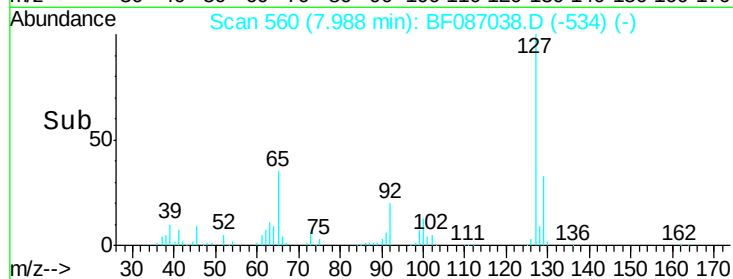
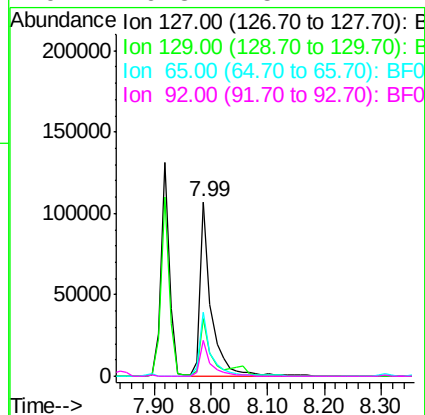
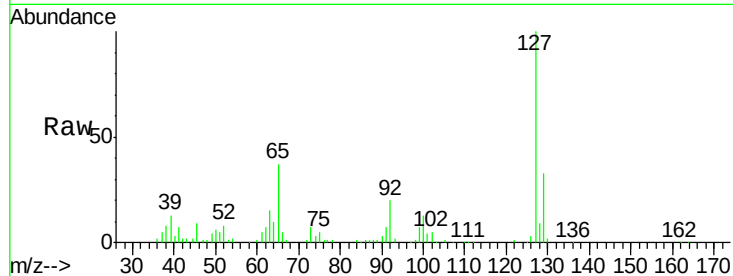
#33
4-Chloroaniline
Concen: 13.41 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Instrument :
BNA_F
ClientSampleId :
PB90490BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	33.1	26.2	39.4
65	36.7	23.0	34.4
92	20.3	15.1	22.7

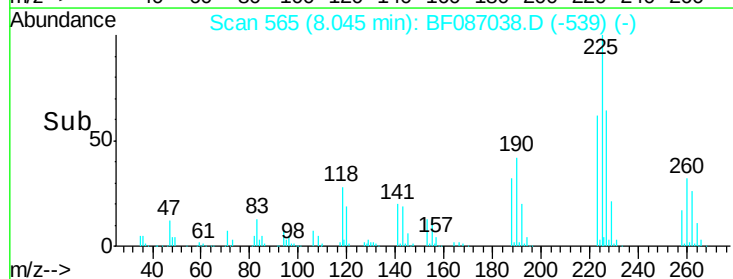
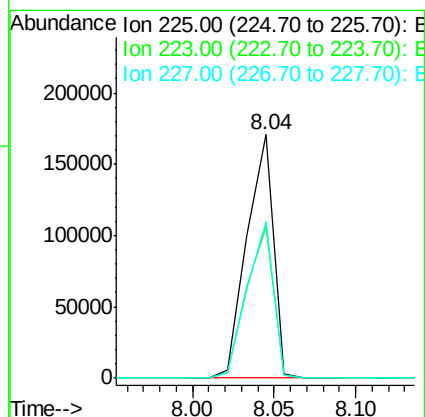
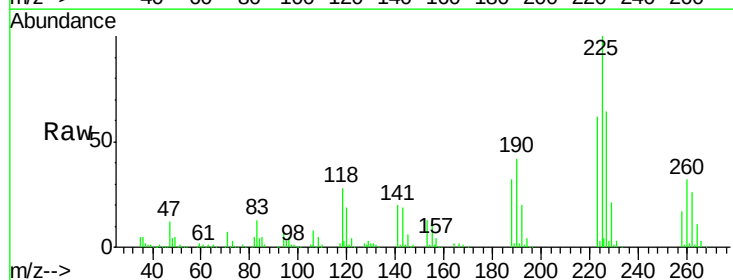
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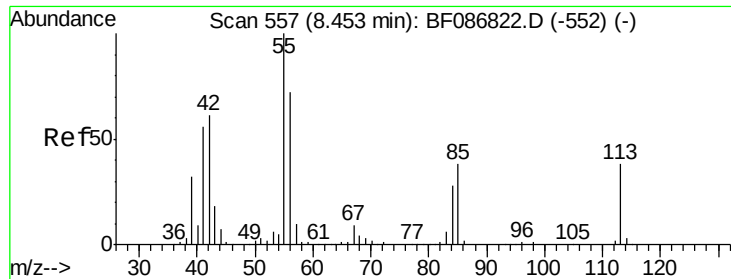
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#34
Hexachlorobutadiene
Concen: 39.17 ng
RT: 8.04 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.4	51.5	77.3
227	64.3	52.2	78.2





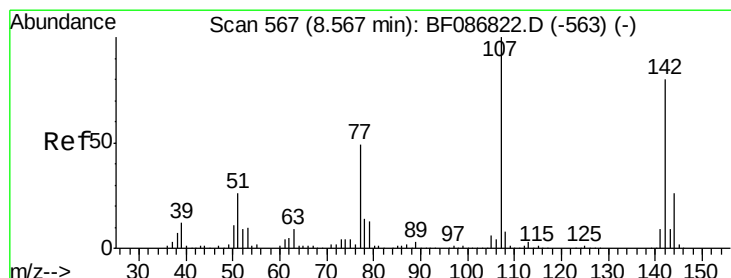
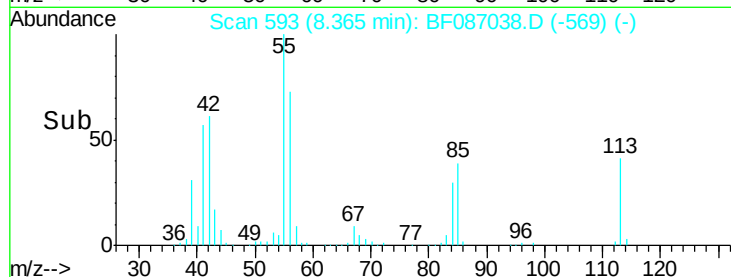
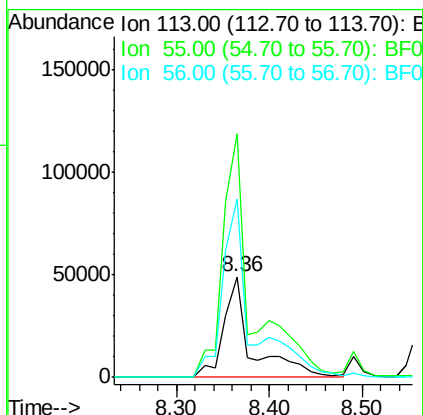
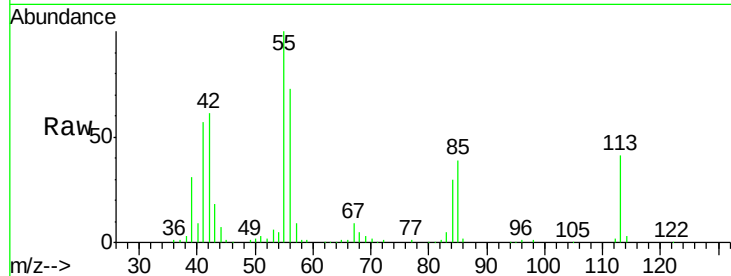
#35
 Caprolactam
 Concen: 39.93 ng m
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BSD

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	102567		
55	241.3	162.0	202.0#	
56	177.1	115.3	155.3#	

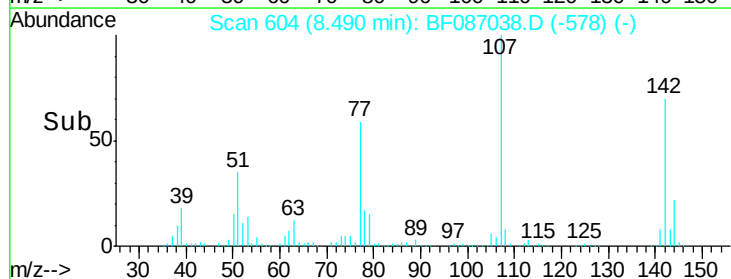
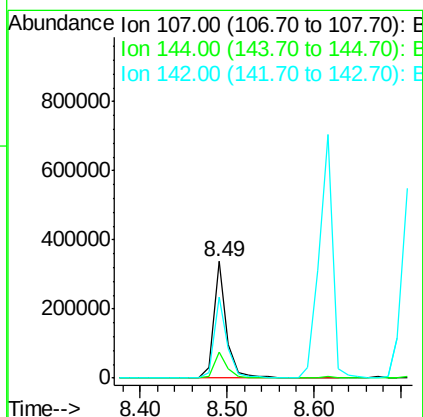
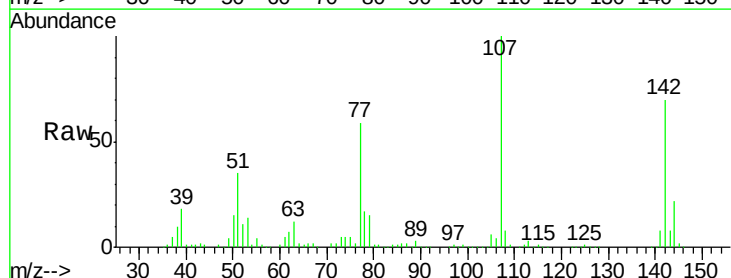
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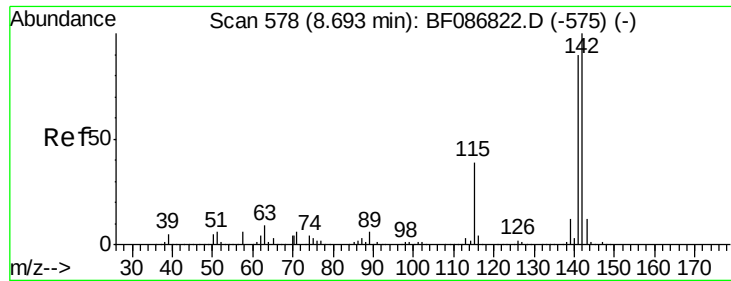
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#36
 4-Chloro-3-methylphenol
 Concen: 37.71 ng
 RT: 8.49 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	345251		
144	22.1	20.7	31.1	
142	69.5	63.2	94.8	





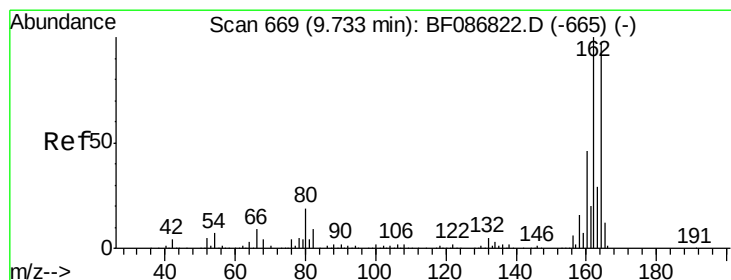
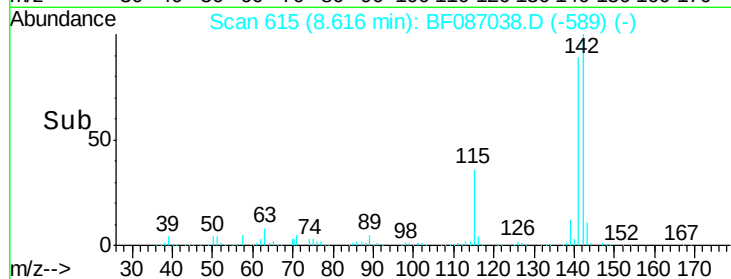
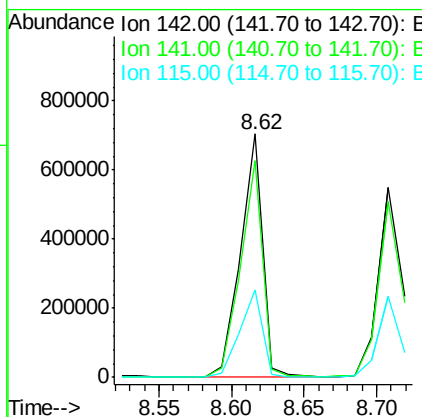
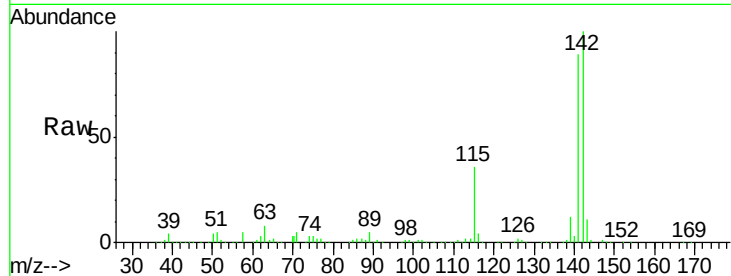
#37
 2-Methylnaphthalene
 Concen: 45.25 ng
 RT: 8.62 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BSD

Tgt Ion:	142	Resp:	740855
Ion Ratio	Lower	Upper	
142	100		
141	89.0	71.0	106.6
115	35.8	26.6	39.8

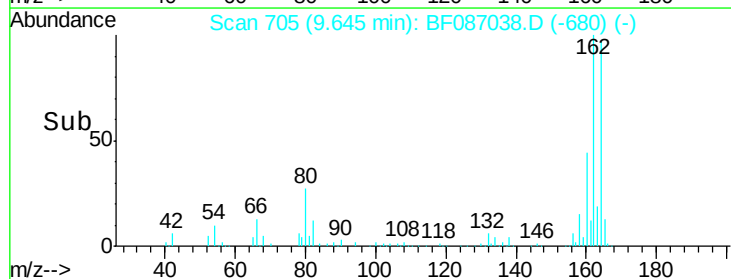
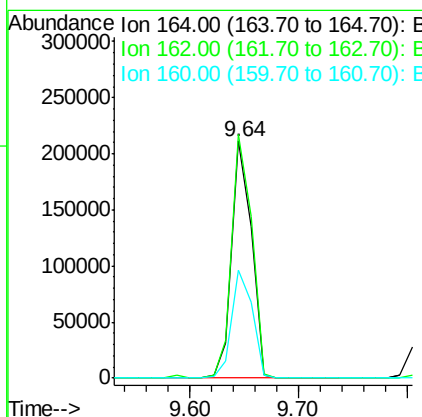
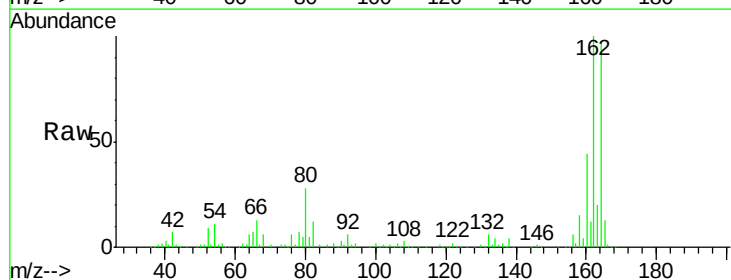
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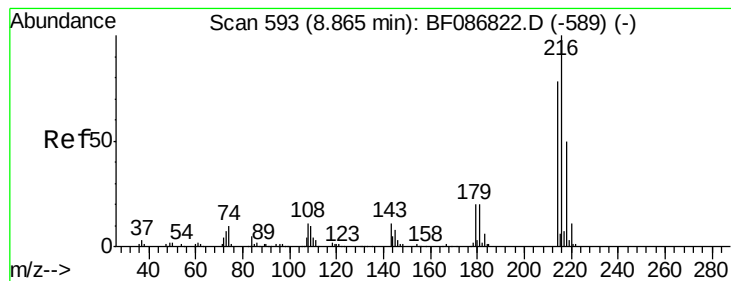
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Tgt Ion:	164	Resp:	263436
Ion Ratio	Lower	Upper	
164	100		
162	102.8	82.8	124.2
160	45.7	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.42 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF087038.D

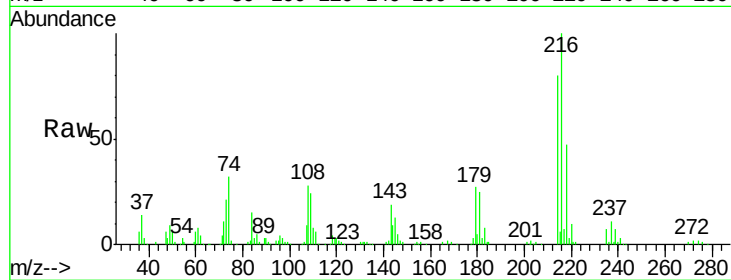
Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

PB90490BSD



Tgt Ion: 216 Resp: 286644

Ion Ratio Lower Upper

216 100

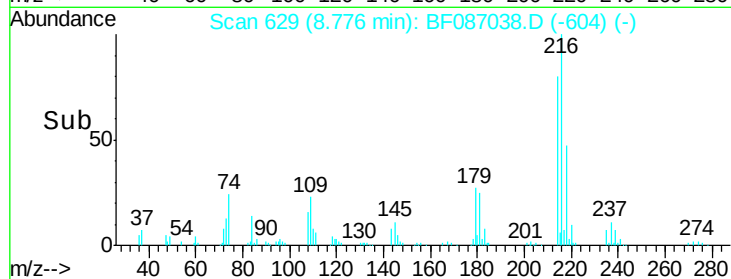
214 79.3 62.6 93.8

179 23.6 18.2 27.4

108 25.7 17.5 26.3

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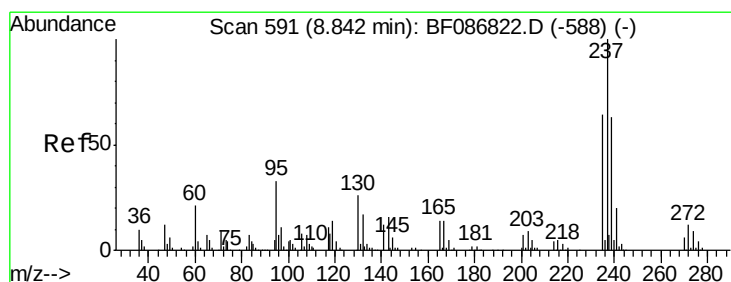
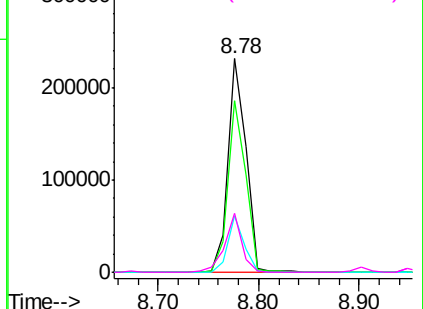


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 68.20 ng

RT: 8.76 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

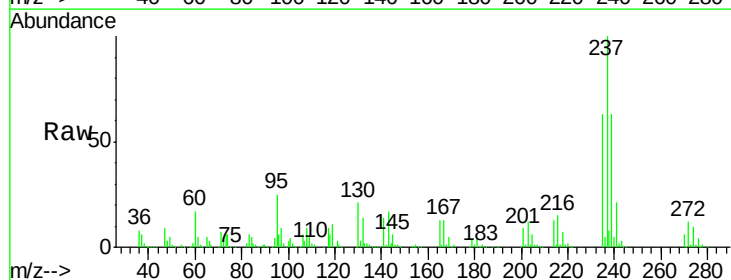
Tgt Ion: 237 Resp: 247933

Ion Ratio Lower Upper

237 100

235 63.1 47.2 87.2

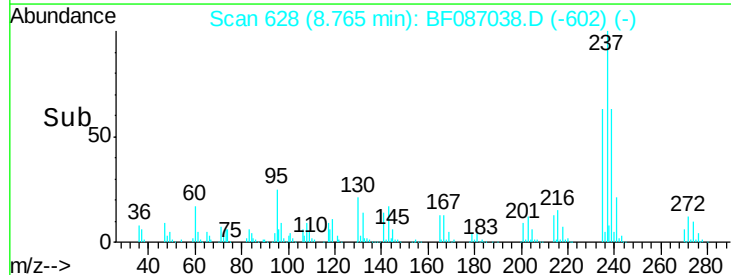
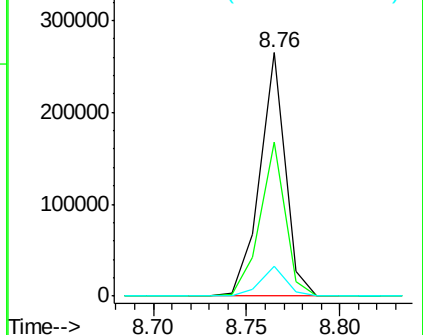
272 12.0 0.0 31.1

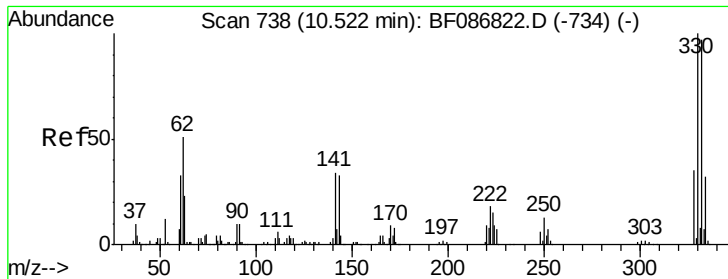


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





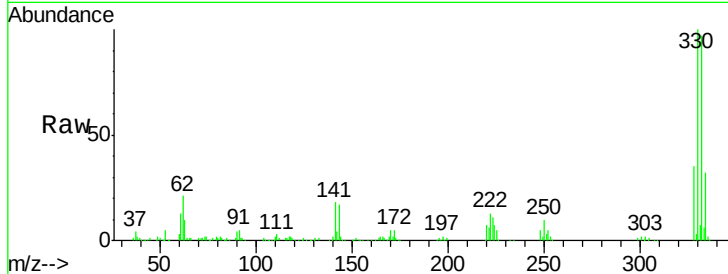
#41
 2,4,6-Tribromophenol
 Concen: 131.03 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BSD

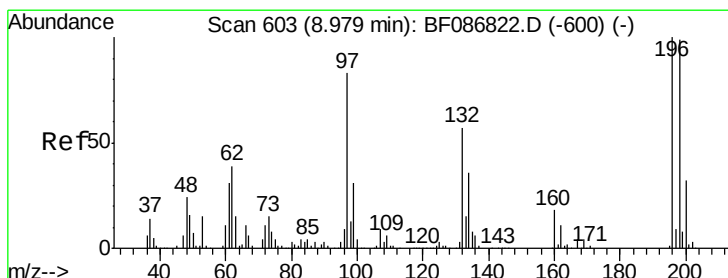
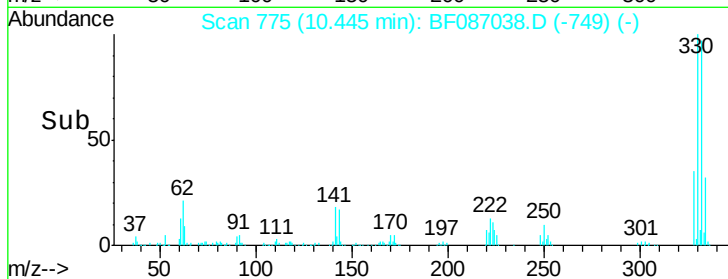
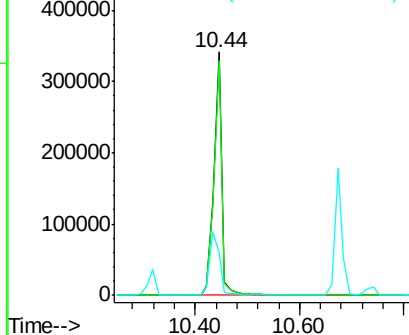
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	365429		
332	96.2	79.0	118.4	
141	32.3	31.2	46.8	

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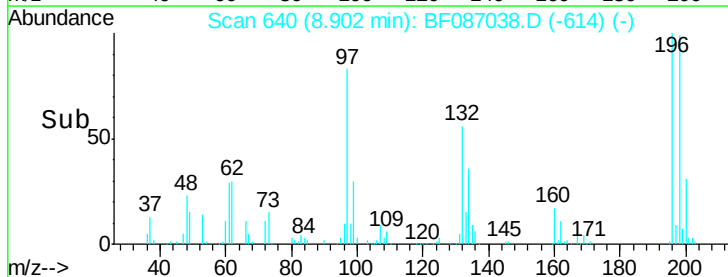
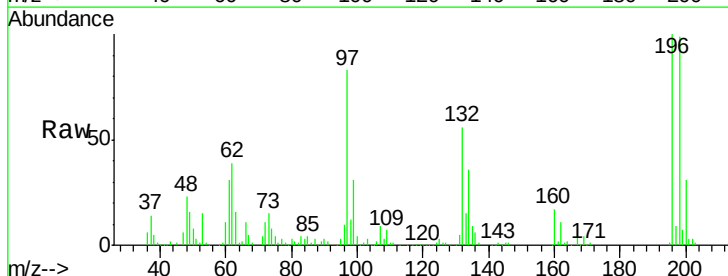
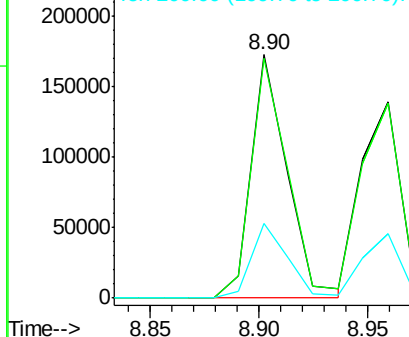
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

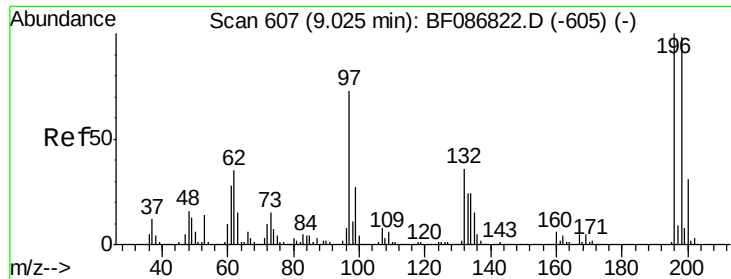


#42
 2,4,6-Trichlorophenol
 Concen: 38.82 ng
 RT: 8.90 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	198817		
198	98.7	74.7	112.1	
200	30.8	23.8	35.6	

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





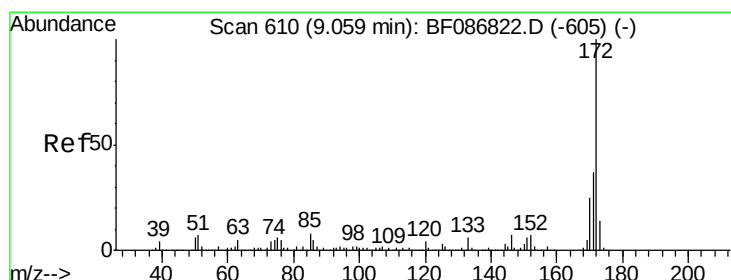
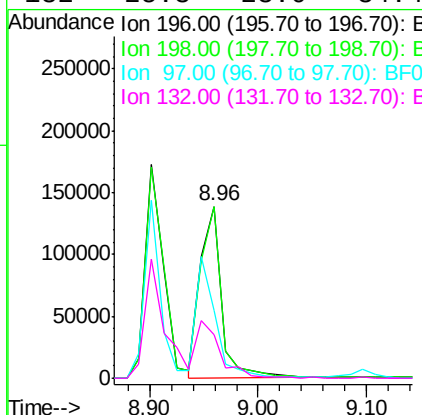
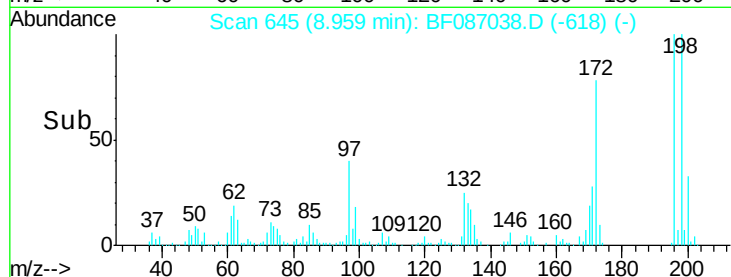
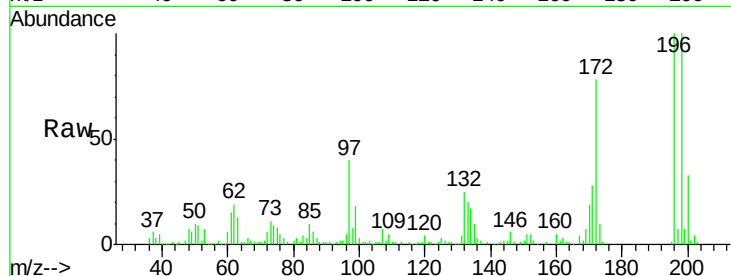
#43
 2,4,5-Trichlorophenol
 Concen: 36.09 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BSD

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		191153		
198	99.7	77.5	116.3		
97	39.7	34.8	52.2		
132	25.3	23.0	34.4		

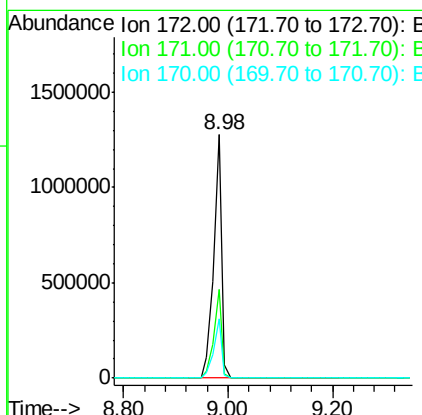
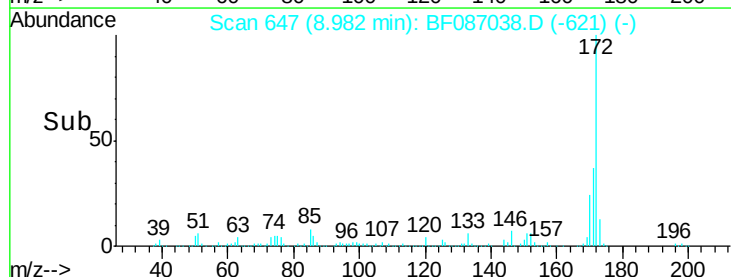
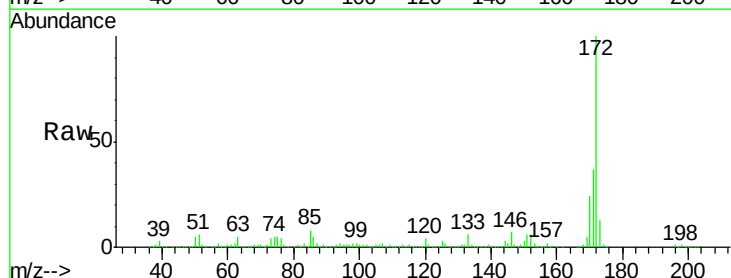
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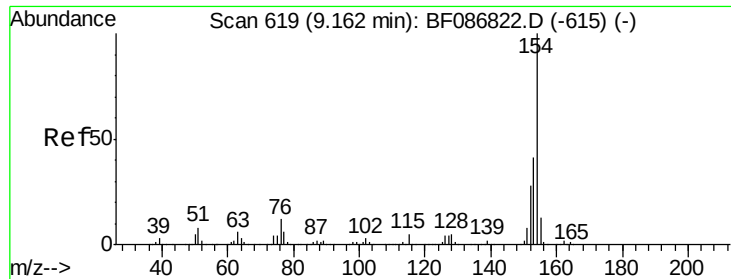
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#44
 2-Fluorobiphenyl
 Concen: 86.70 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1358930		
171	36.6	29.0	43.6		
170	24.5	19.8	29.8		





#45

1,1'-Biphenyl

Concen: 40.44 ng

RT: 9.07 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

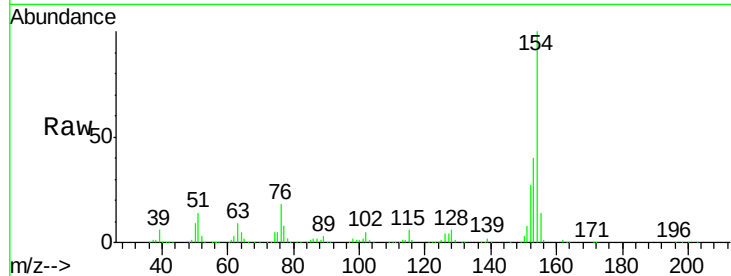
ClientSampleId :

PB90490BSD

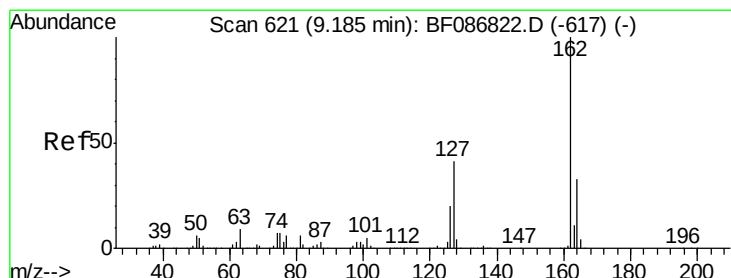
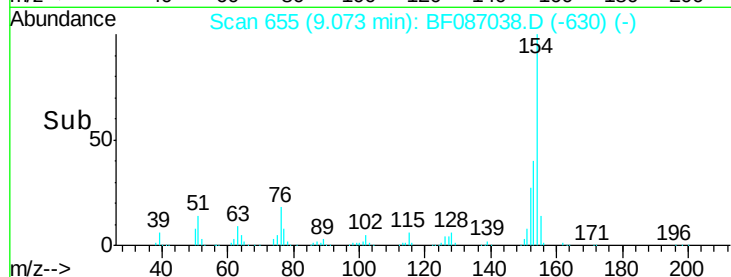
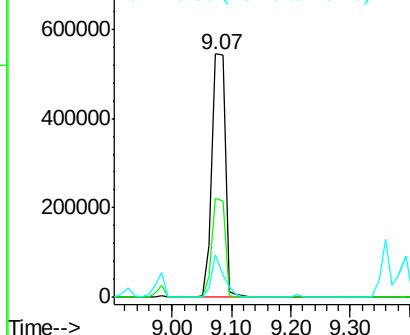
Tgt Ion:	154	Resp:	847292
Ion Ratio	Lower	Upper	
154	100		
153	40.4	20.3	60.3
76	17.7	0.0	30.2

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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): BFO



#46

2-Chloronaphthalene

Concen: 38.75 ng

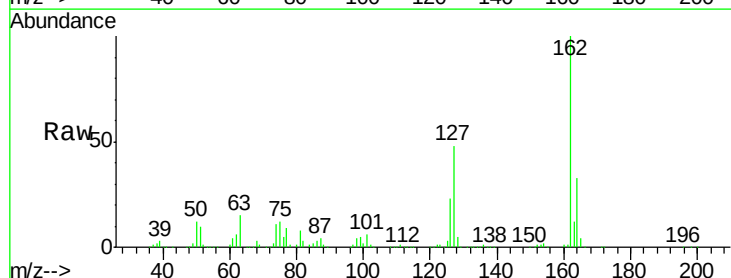
RT: 9.10 min Scan# 657

Delta R.T. -0.01 min

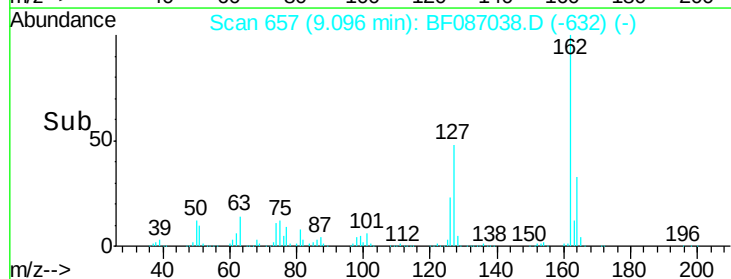
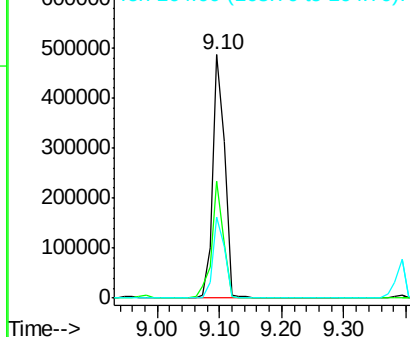
Lab File: BF087038.D

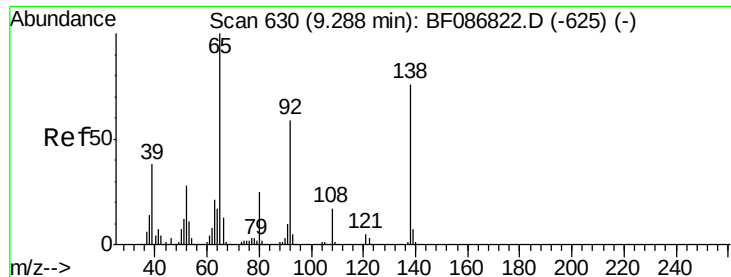
Acq: 15 May 2016 00:03

Tgt Ion:	162	Resp:	636193
Ion Ratio	Lower	Upper	
162	100		
127	48.1	31.8	47.6#
164	33.1	27.0	40.6



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





#47

2-Nitroaniline

Concen: 43.08 ng

RT: 9.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

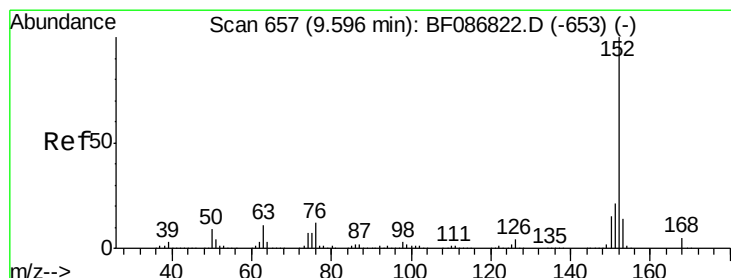
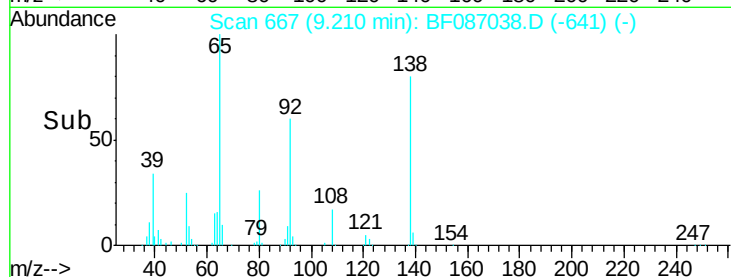
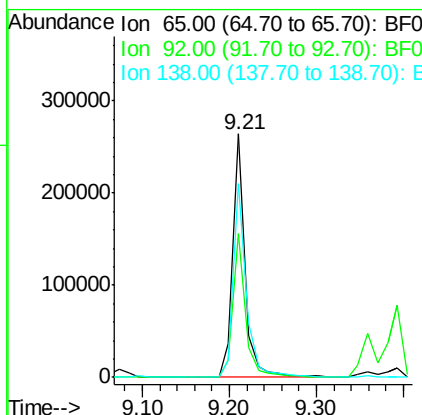
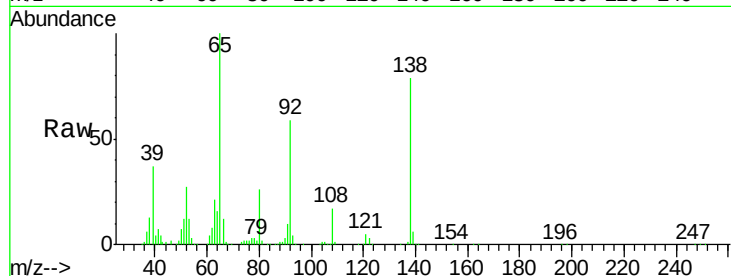
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Tgt Ion:	65	Resp:	258453
Ion Ratio	Lower	Upper	
65	100		
92	59.0	57.4	86.2
138	79.4	90.1	135.1#



#48

Acenaphthylene

Concen: 40.22 ng

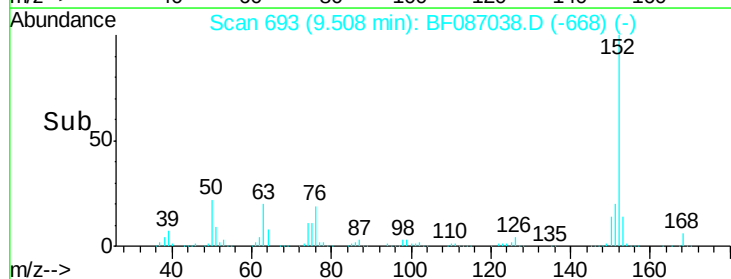
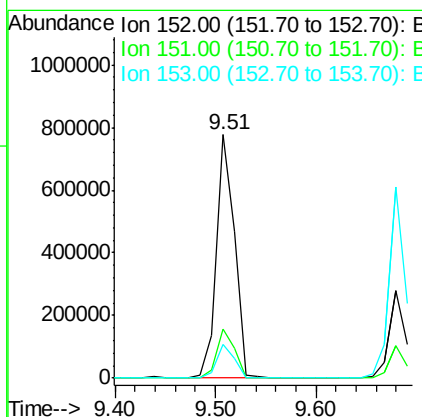
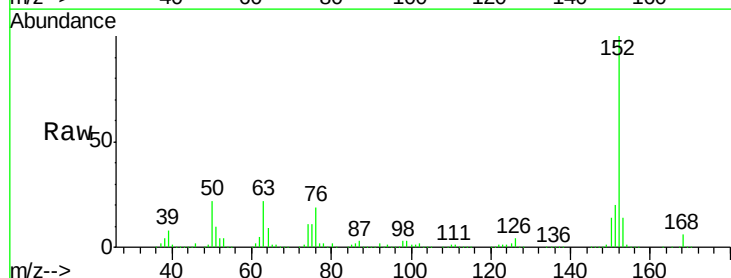
RT: 9.51 min Scan# 693

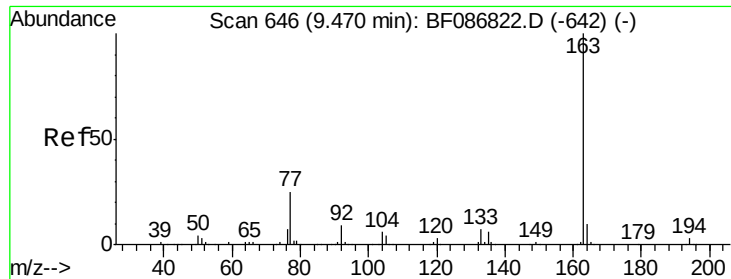
Delta R.T. -0.01 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Tgt Ion:	152	Resp:	971223
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.8	25.2
153	14.1	10.9	16.3





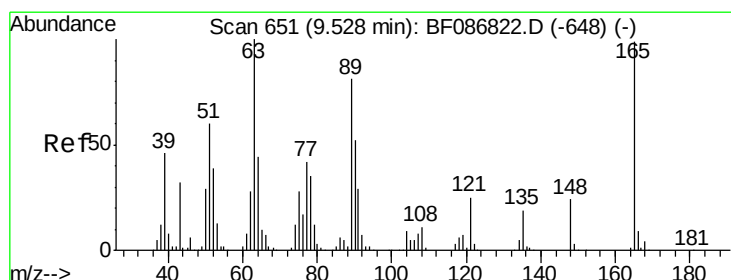
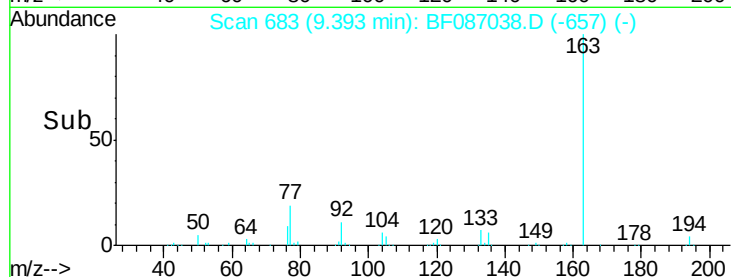
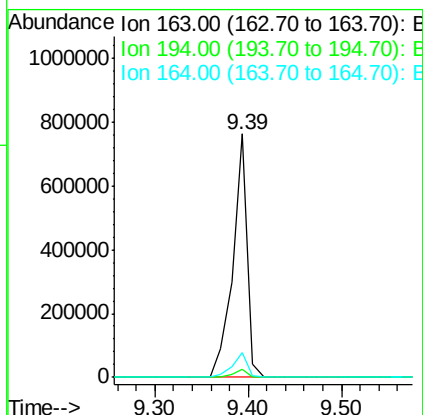
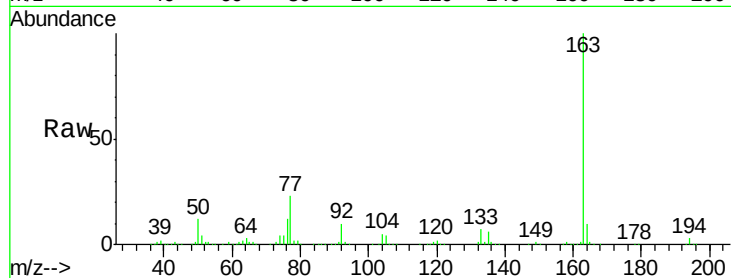
#49
Dimethylphthalate
Concen: 41.03 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Instrument :
BNA_F
ClientSampleId :
PB90490BSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	824716		
194	3.3	2.6	4.0	
164	10.2	8.2	12.4	

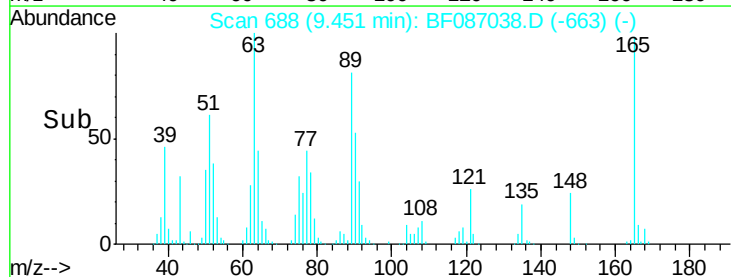
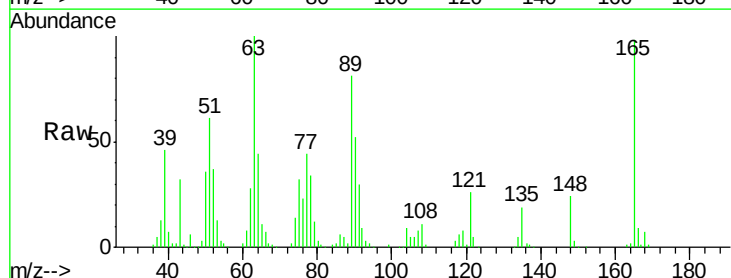
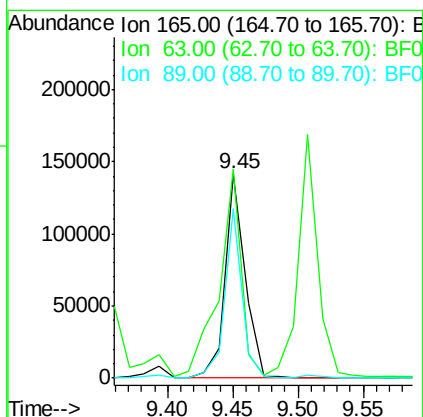
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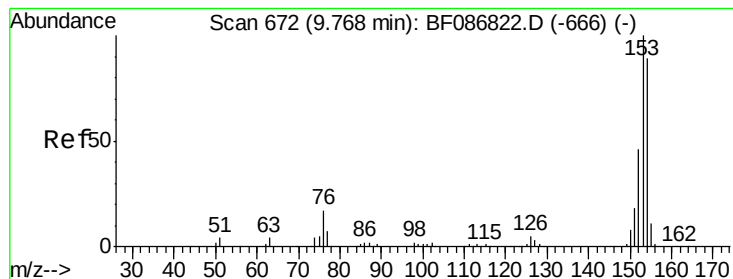
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#50
2,6-Dinitrotoluene
Concen: 35.88 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	151744		
63	102.4	51.8	77.8#	
89	82.8	50.7	76.1#	





#51

Acenaphthene

Concen: 39.37 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

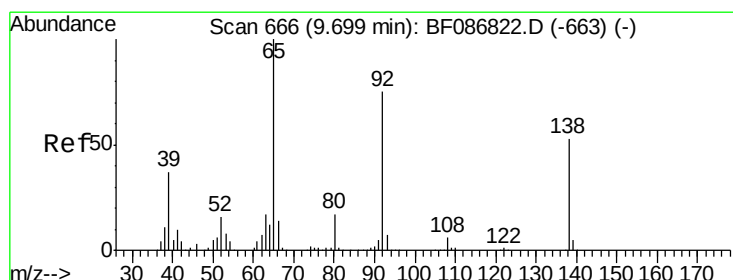
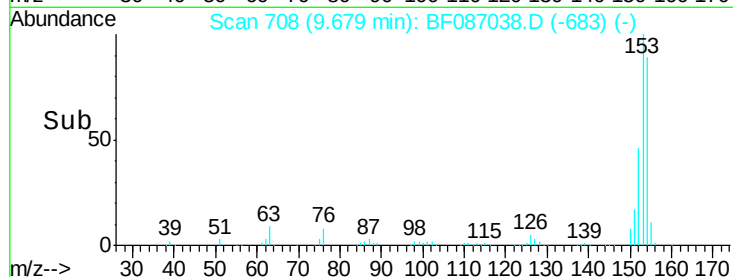
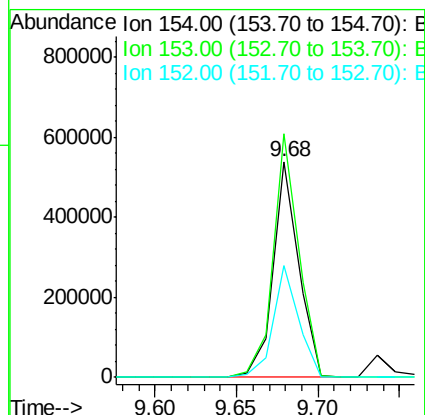
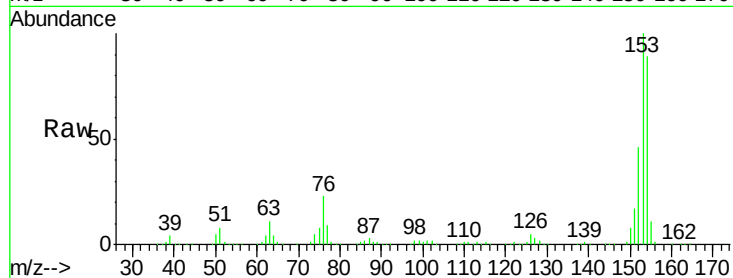
ClientSampleId :

PB90490BSD

Tgt Ion:	154	Resp:	591387
Ion Ratio	Lower	Upper	
154	100		
153	112.9	89.8	134.6
152	52.1	43.4	65.0

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#52

3-Nitroaniline

Concen: 21.16 ng

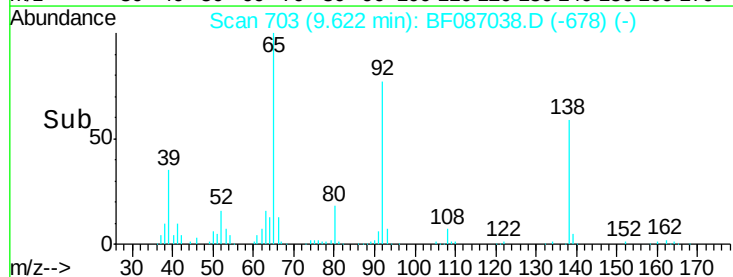
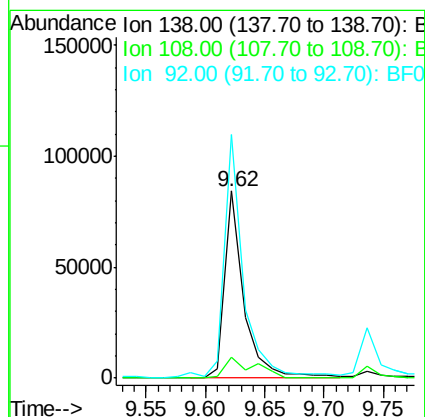
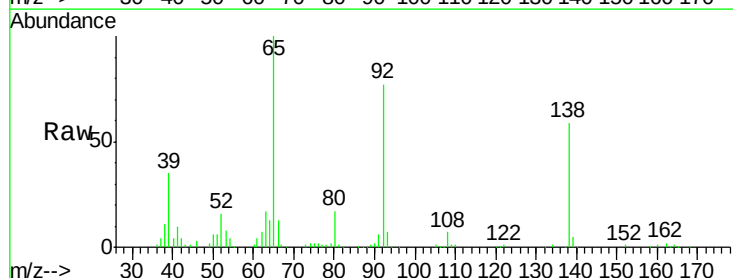
RT: 9.62 min Scan# 703

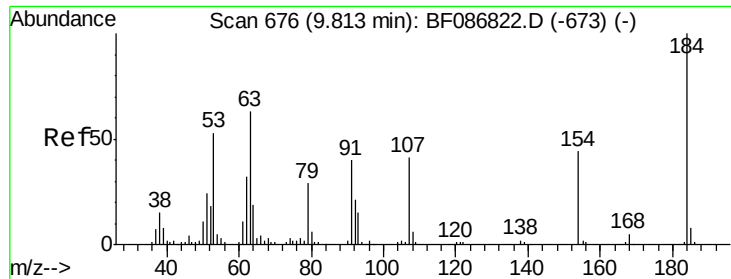
Delta R.T. -0.01 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

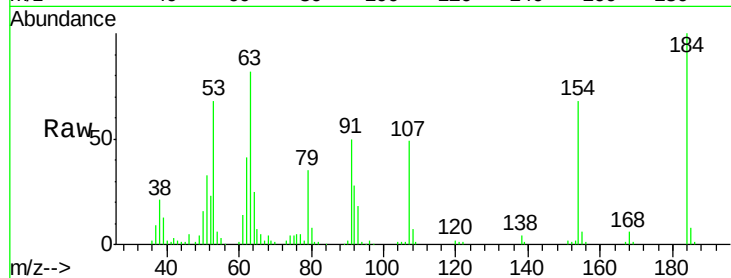
Tgt Ion:	138	Resp:	94239
Ion Ratio	Lower	Upper	
138	100		
108	11.3	7.8	11.6
92	130.2	87.8	131.8





#53
2,4-Dinitrophenol
Concen: 49.51 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

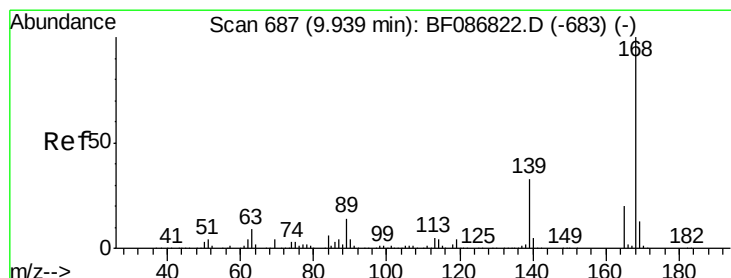
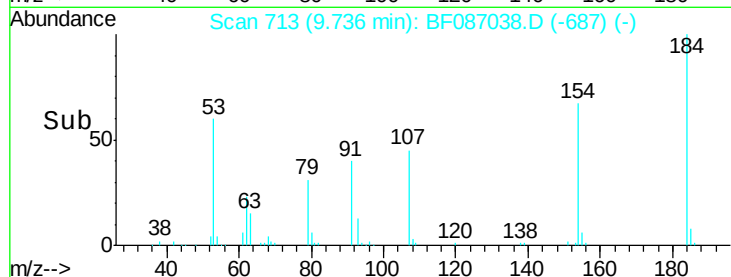
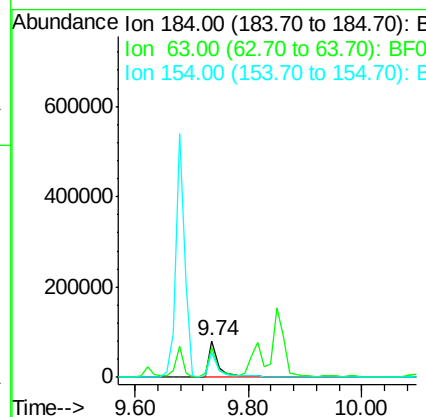
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
184	100	100001		
63	82.3	55.8	83.8	
154	67.7	62.4	93.6	

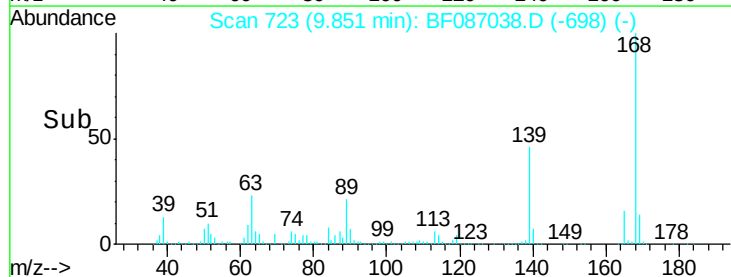
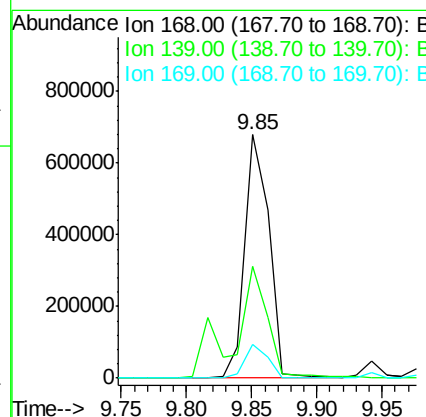
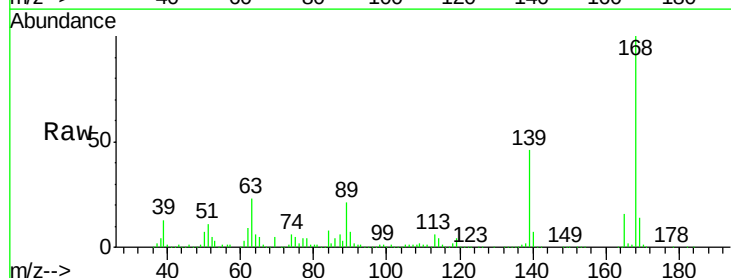
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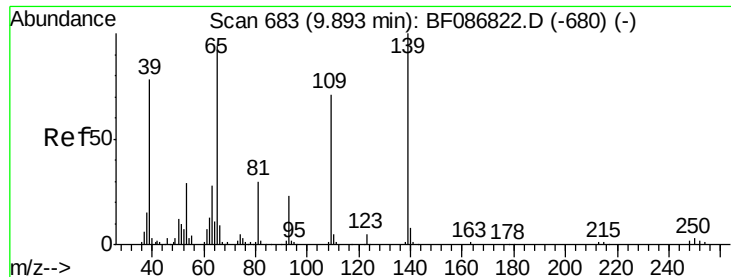
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#54
Dibenzofuran
Concen: 45.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	867664		
139	46.2	31.4	47.0	
169	14.0	10.7	16.1	





#55

4-Nitrophenol

Concen: 55.48 ng m

RT: 9.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

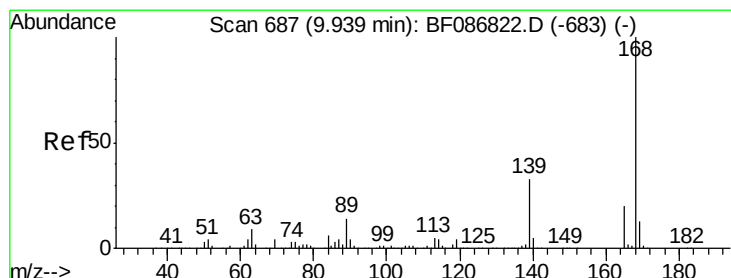
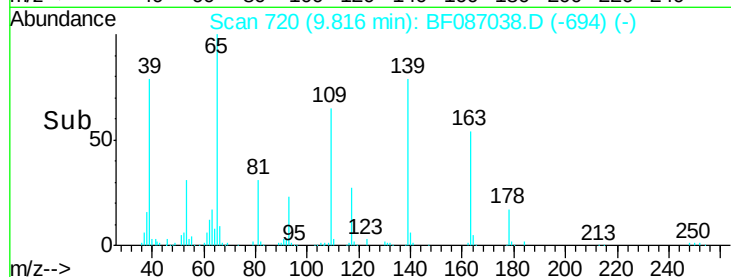
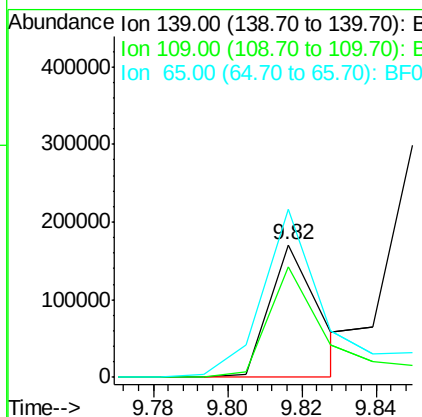
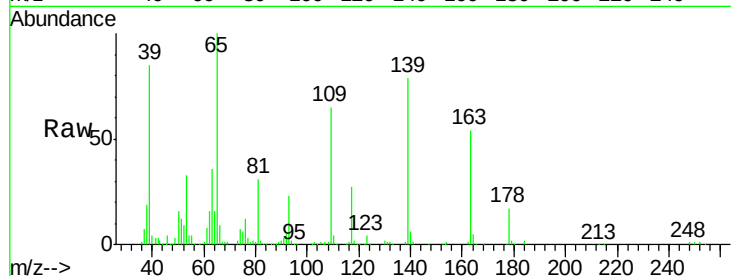
ClientSampled :

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Tgt Ion	Ratio	Resp	Lower	Upper
139	100	160332		
109	82.9	36.9	76.9#	
65	127.1	64.0	104.0#	



#56

2,4-Dinitrotoluene

Concen: 44.36 ng

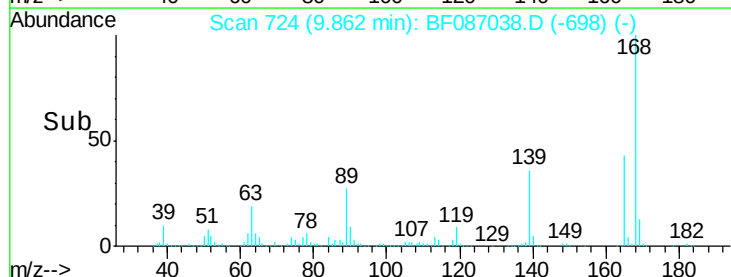
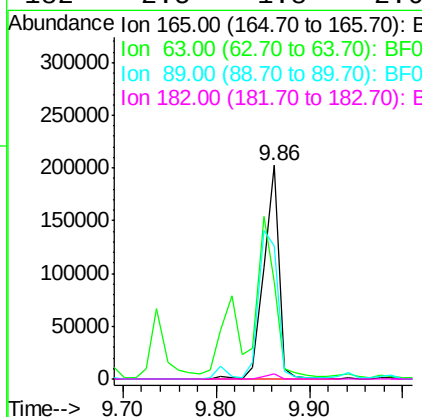
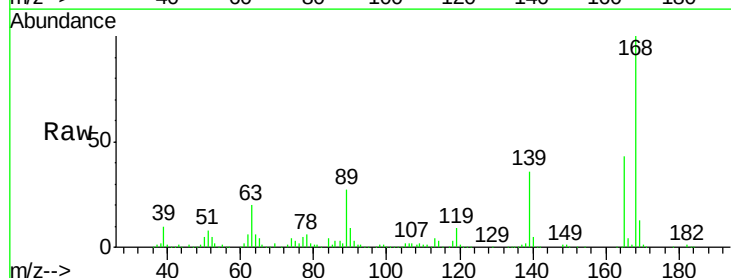
RT: 9.86 min Scan# 724

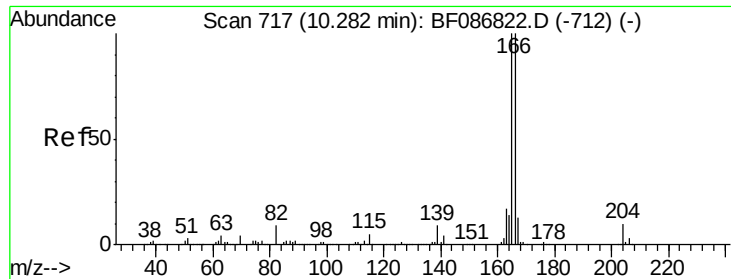
Delta R.T. 0.00 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	232226		
63	45.3	44.3	66.5	
89	62.6	70.0	105.0#	
182	2.5	1.8	2.6	





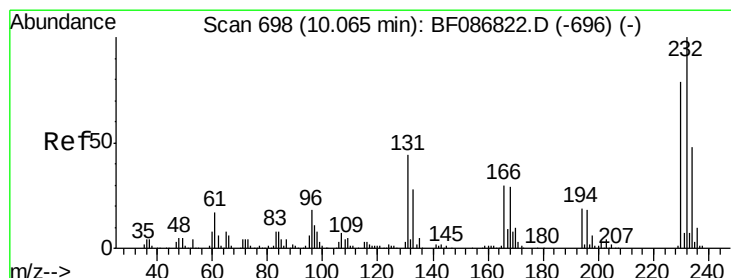
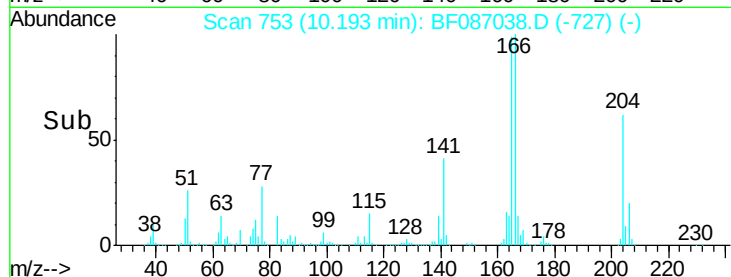
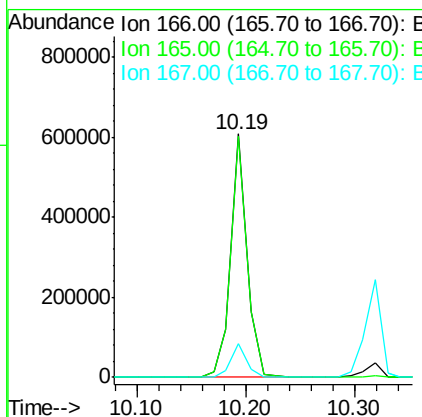
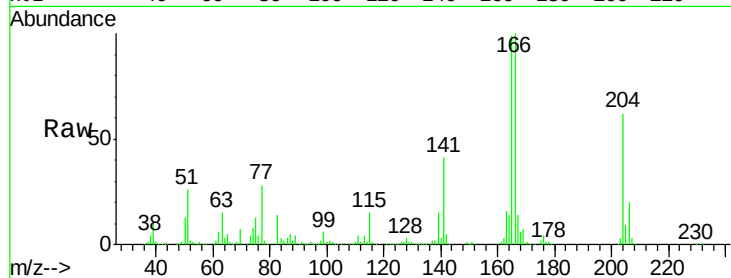
#57
 Fluorene
 Concen: 38.52 ng
 RT: 10.19 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BSD

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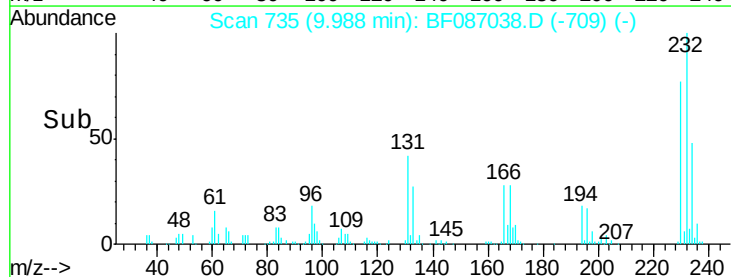
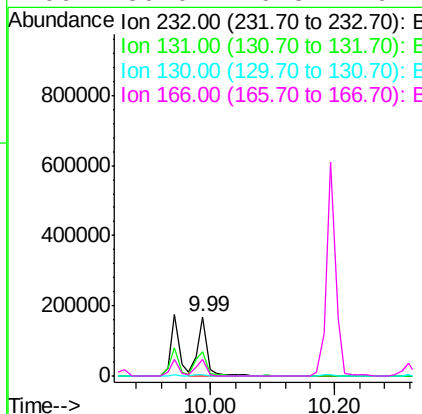
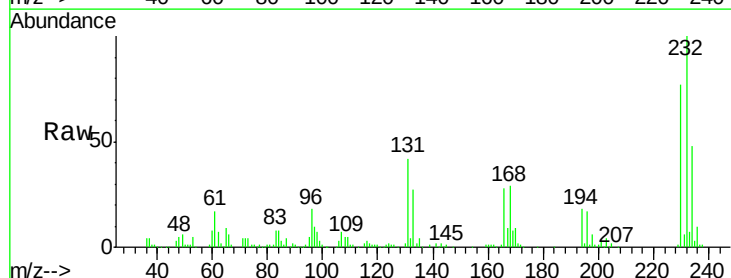
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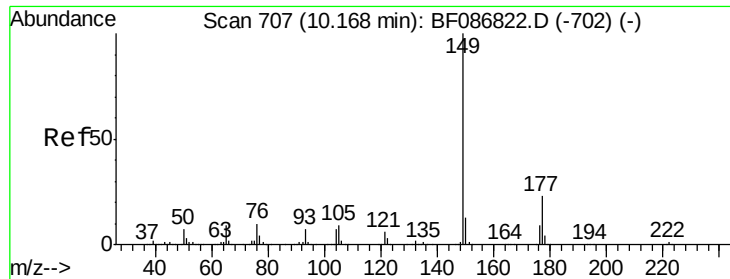
Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.9	79.0	118.6	
167	13.7	10.6	15.8	



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.44 ng
 RT: 9.99 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	49.8	41.9	62.9	
130	2.5	2.2	3.4	
166	30.0	26.8	40.2	





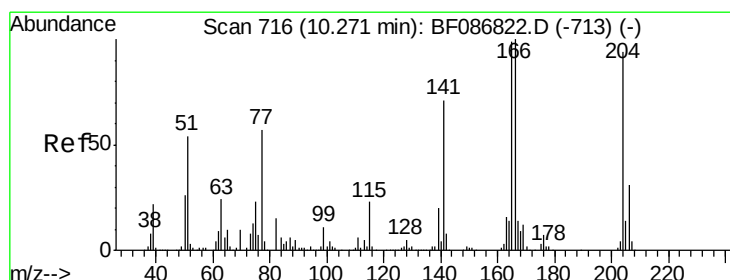
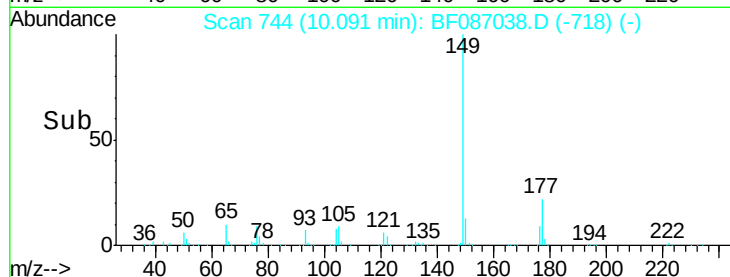
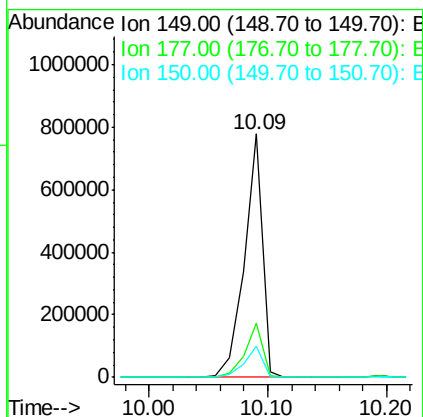
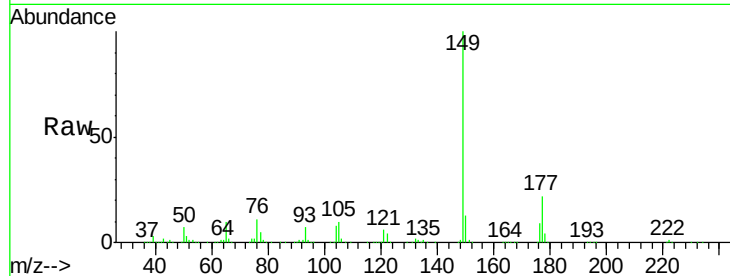
#59
Diethylphthalate
Concen: 42.23 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Instrument :
BNA_F
ClientSampleId :
PB90490BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	827190		
177	22.3	16.6	24.8	
150	12.6	10.0	15.0	

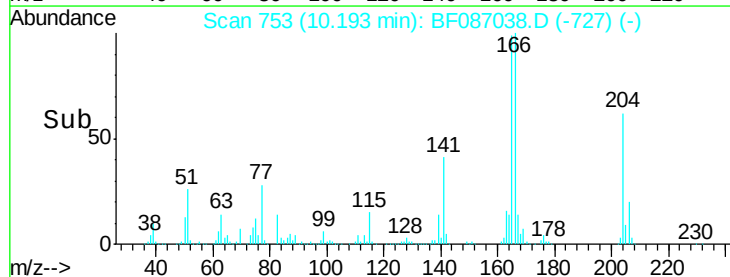
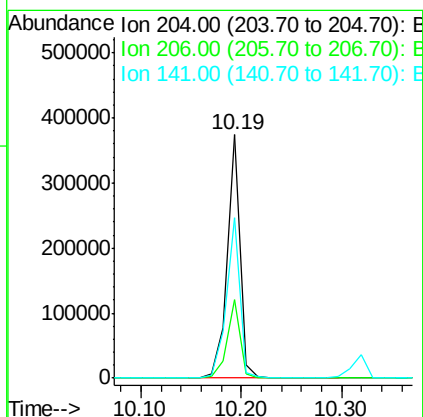
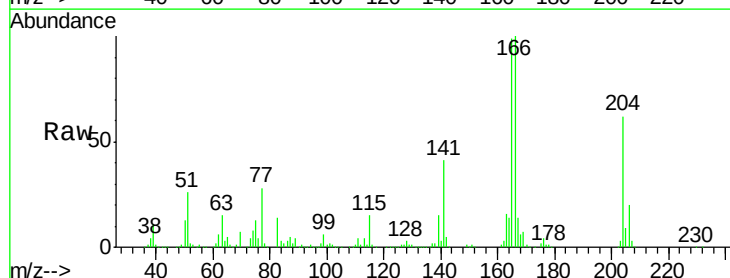
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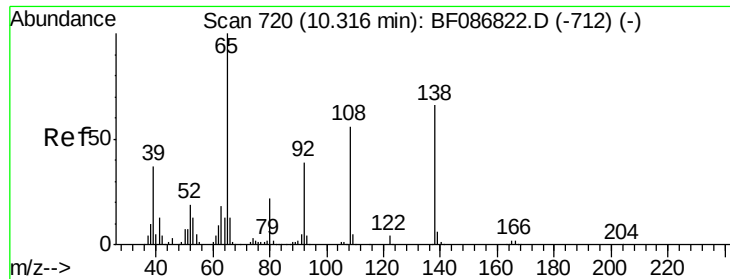
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#60
4-Chlorophenyl-phenylether
Concen: 46.87 ng
RT: 10.19 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	331892		
206	32.3	25.4	38.0	
141	66.1	61.6	92.4	





#61

4-Nitroaniline

Concen: 39.79 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

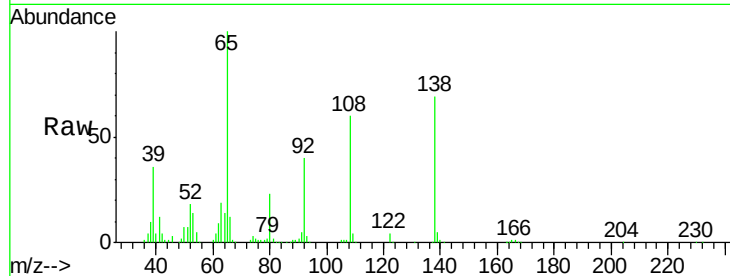
PB90490BSD

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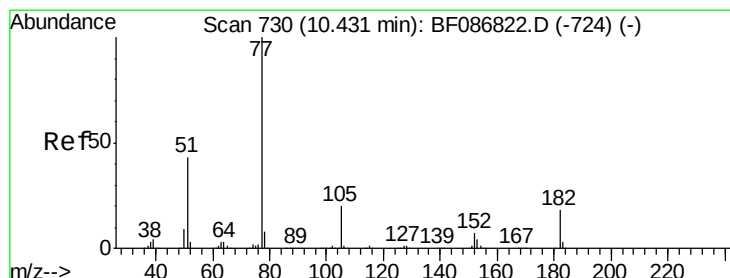
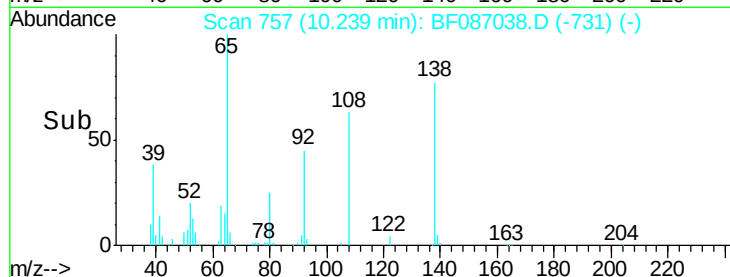
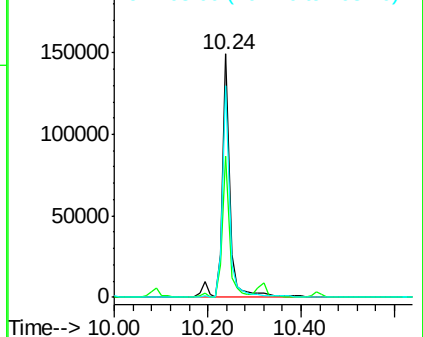
Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.2	24.7	64.7
108	87.1	37.4	77.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.92 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

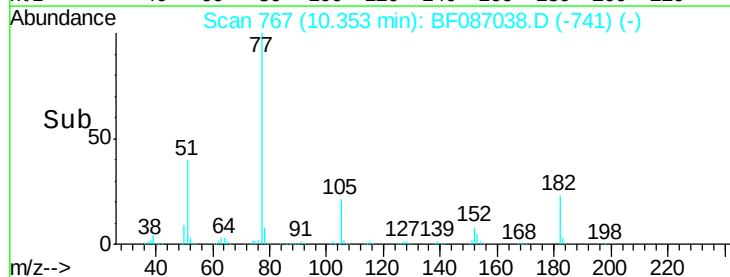
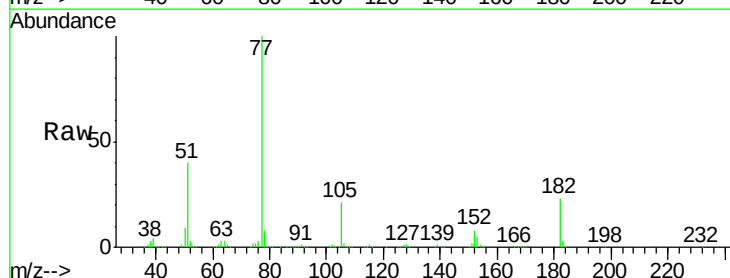
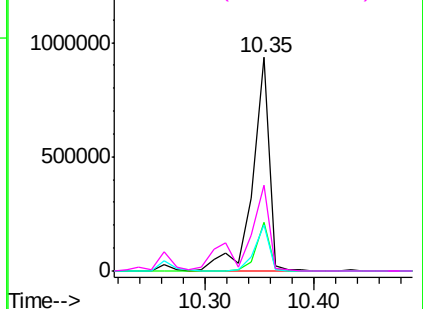
Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.6	0.0	38.8
105	21.4	3.2	43.2
51	40.1	8.8	48.8

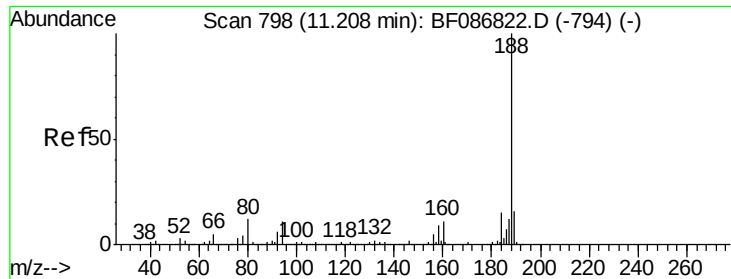
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





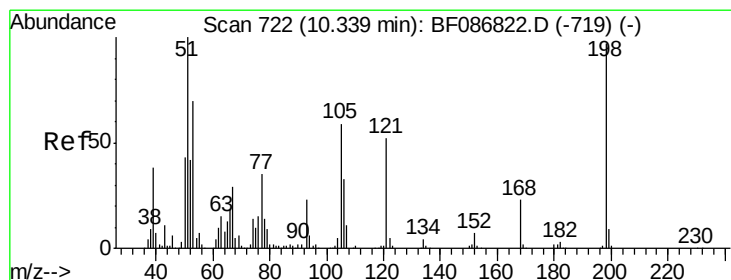
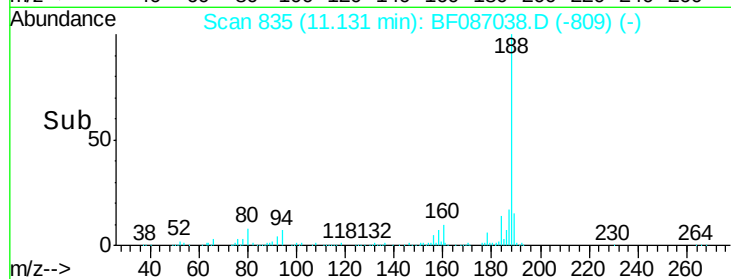
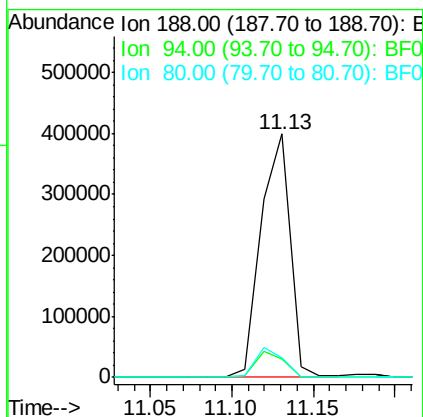
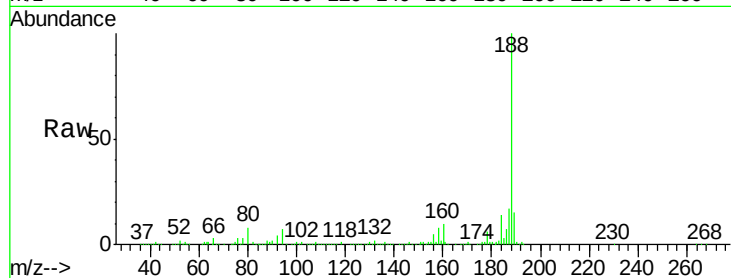
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Instrument :
BNA_F
ClientSampleId :
PB90490BSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	498724		
94	7.4	6.8	10.2	
80	8.0	7.1	10.7	

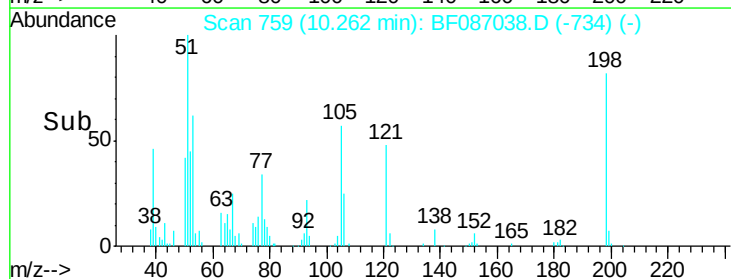
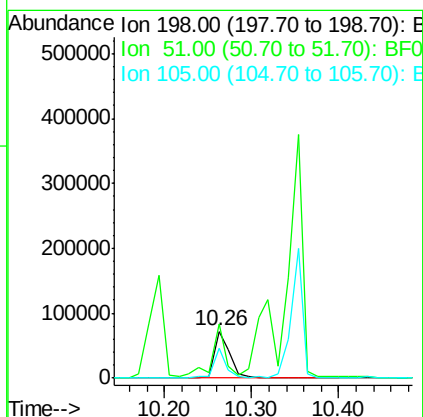
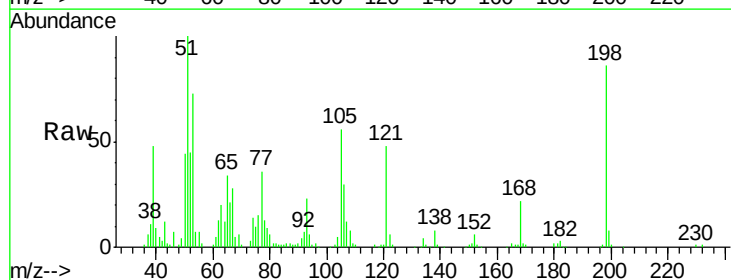
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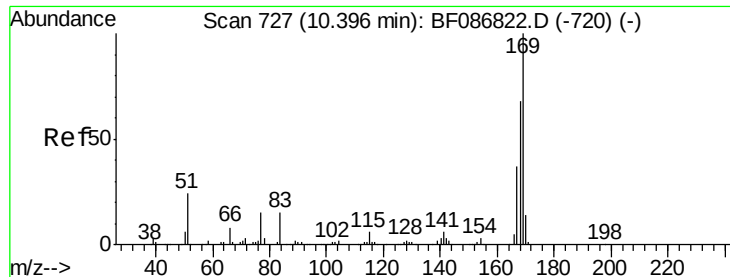
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#64
4,6-Dinitro-2-methylphenol
Concen: 29.25 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	90624		
51	116.4	20.5	60.5#	
105	65.0	24.5	64.5#	





#65

n-Nitrosodiphenylamine

Concen: 43.72 ng

RT: 10.32 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

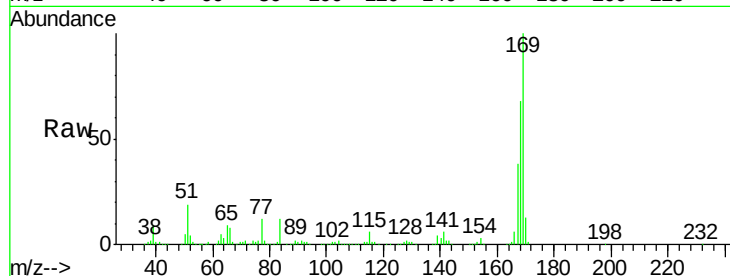
ClientSampleId :

PB90490BSD

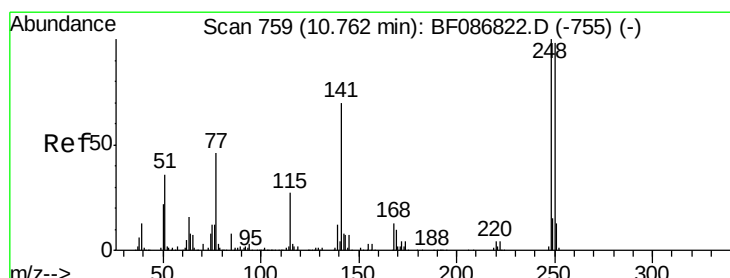
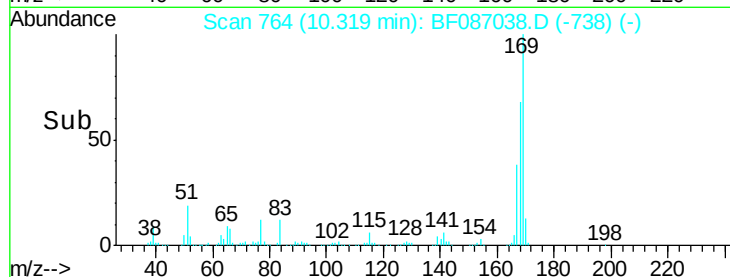
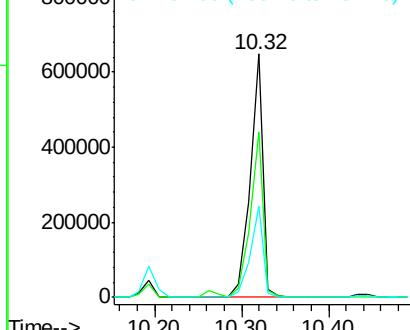
Tgt Ion:	169	Resp:	669868
Ion Ratio	Lower	Upper	
169	100		
168	68.2	53.8	80.6
167	37.6	29.5	44.3

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.39 ng

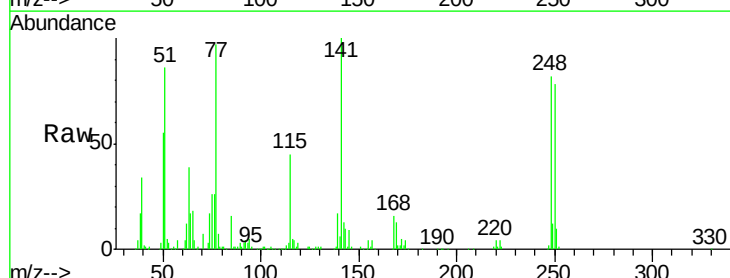
RT: 10.67 min Scan# 795

Delta R.T. -0.01 min

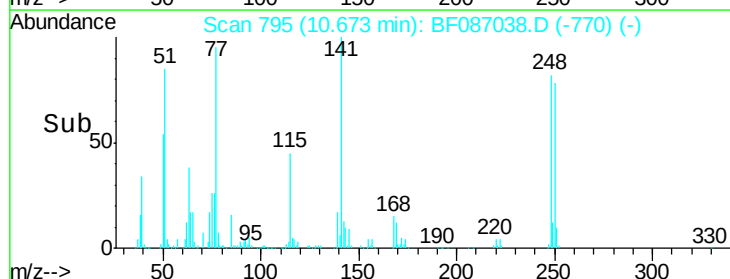
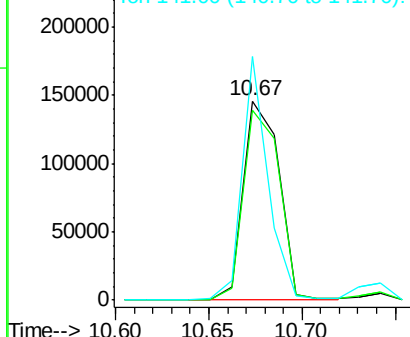
Lab File: BF087038.D

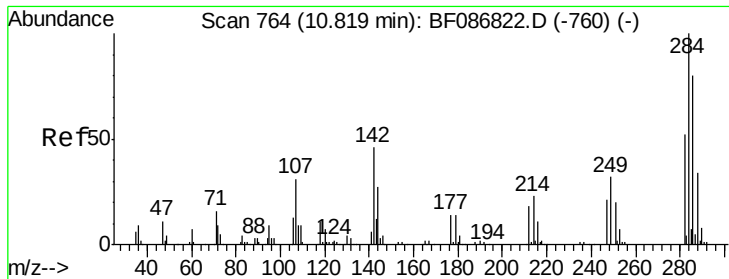
Acq: 15 May 2016 00:03

Tgt Ion:	248	Resp:	194110
Ion Ratio	Lower	Upper	
248	100		
250	95.2	78.6	117.8
141	122.1	76.0	114.0#



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





#67

Hexachlorobenzene

Concen: 41.56 ng

RT: 10.74 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF087038.D

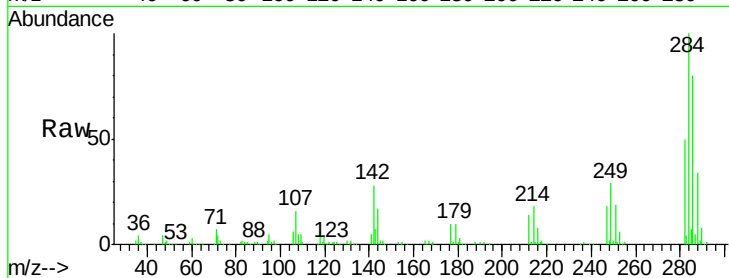
Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

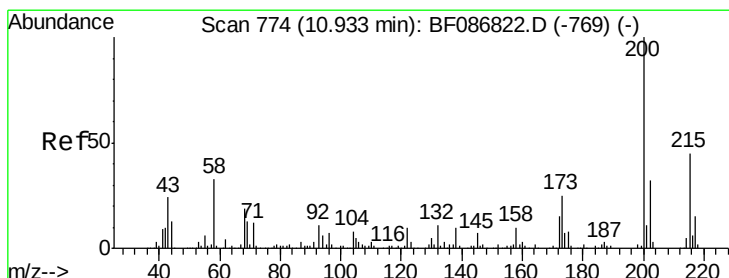
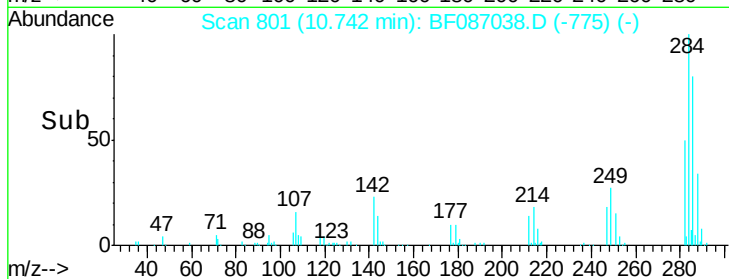
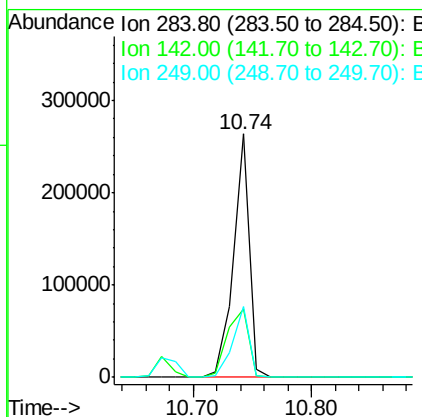
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Tgt Ion:	284	Resp:	245583
Ion Ratio	100	Lower	Upper
284	100		
142	28.1	16.7	25.1#
249	29.0	21.3	31.9

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#68

Atrazine

Concen: 41.47 ng

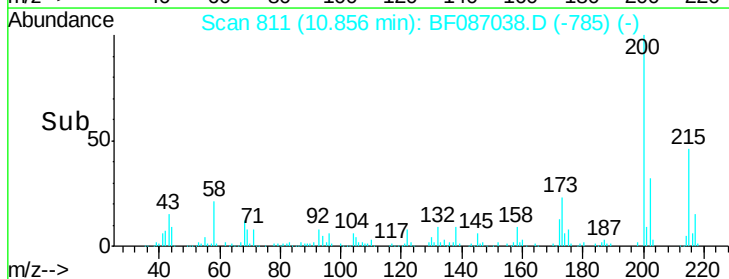
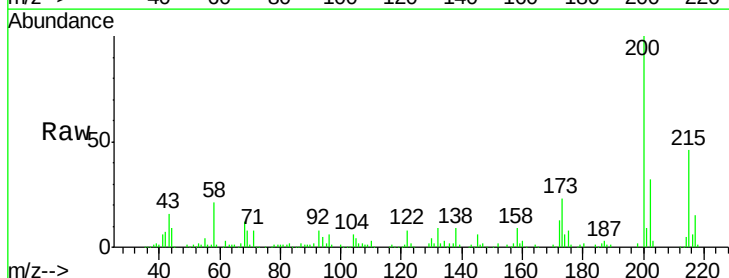
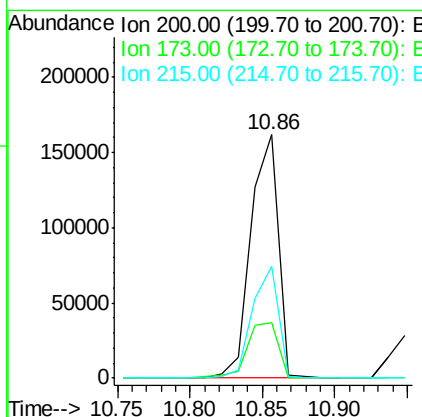
RT: 10.86 min Scan# 811

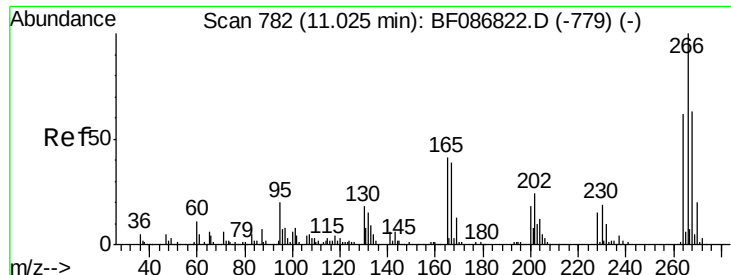
Delta R.T. 0.00 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Tgt Ion:	200	Resp:	212245
Ion Ratio	100	Lower	Upper
200	100		
173	22.6	8.5	48.5
215	46.0	27.2	67.2





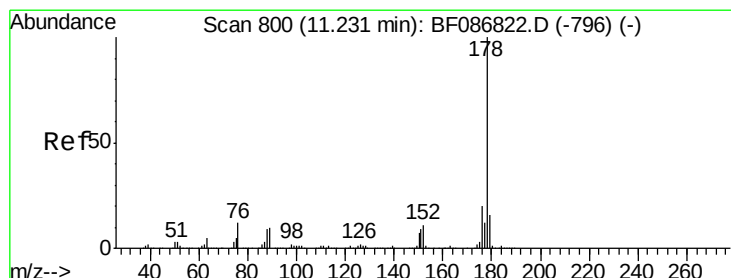
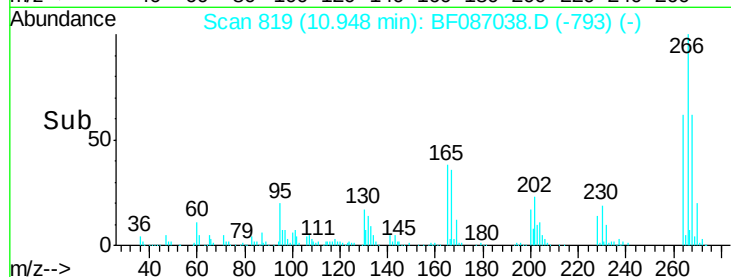
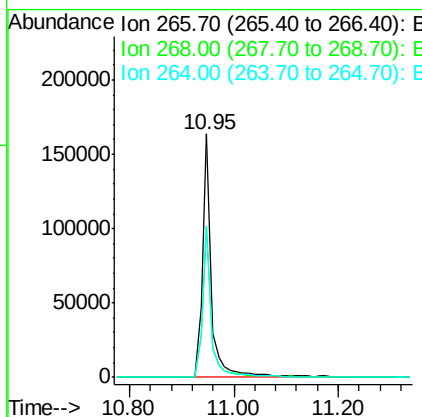
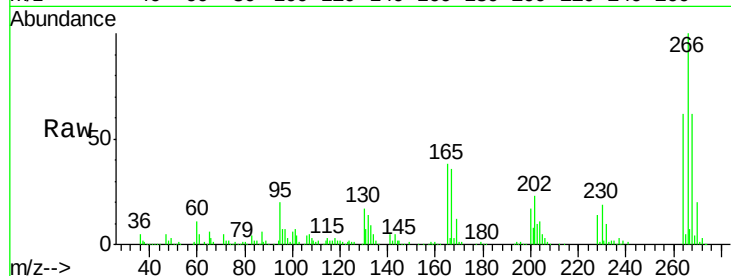
#69
 Pentachlorophenol
 Concen: 72.99 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	199339		
268	62.0	51.5	77.3	
264	62.1	52.9	79.3	

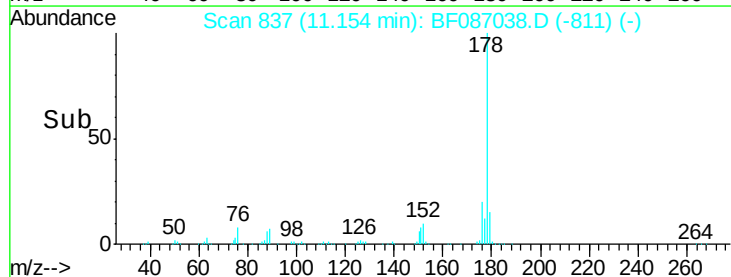
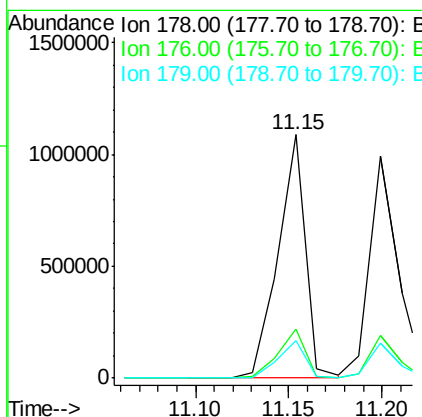
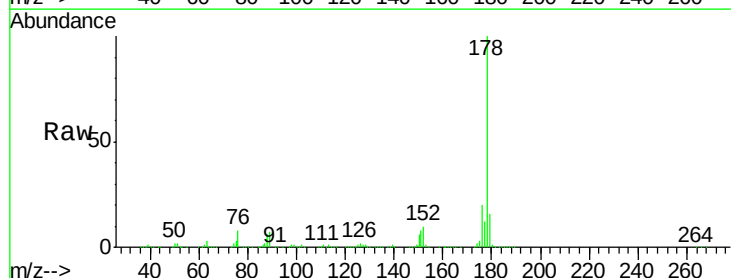
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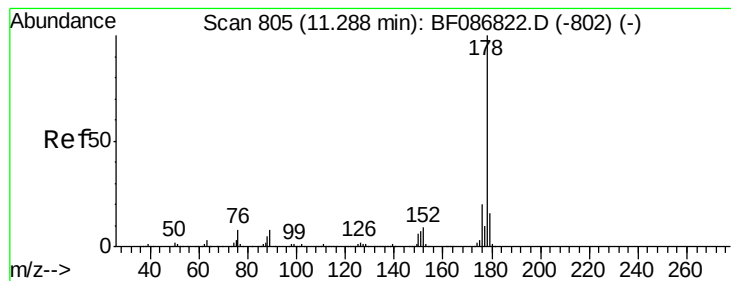
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#70
 Phenanthrene
 Concen: 41.47 ng
 RT: 11.15 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1103786		
176	20.1	16.0	24.0	
179	15.6	12.6	18.8	





#71

Anthracene

Concen: 38.76 ng

RT: 11.20 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

PB90490BSD

Tgt Ion:178 Resp: 1054956

Ion Ratio Lower Upper

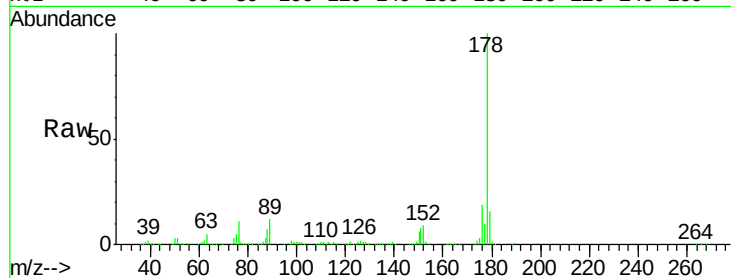
178 100

176 19.3 15.6 23.4

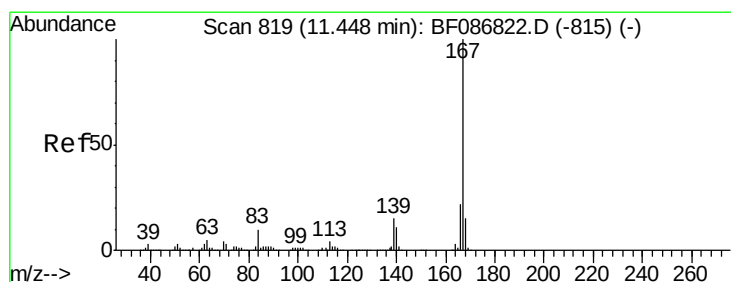
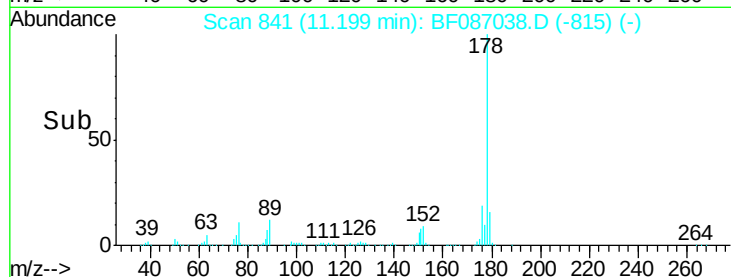
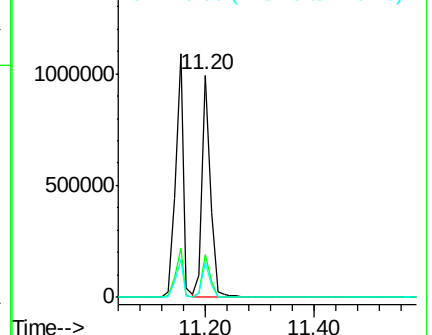
179 16.0 12.7 19.1

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



#72

Carbazole

Concen: 43.46 ng

RT: 11.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

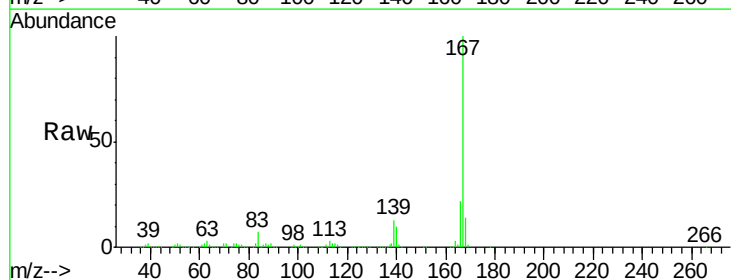
Tgt Ion:167 Resp: 1016851

Ion Ratio Lower Upper

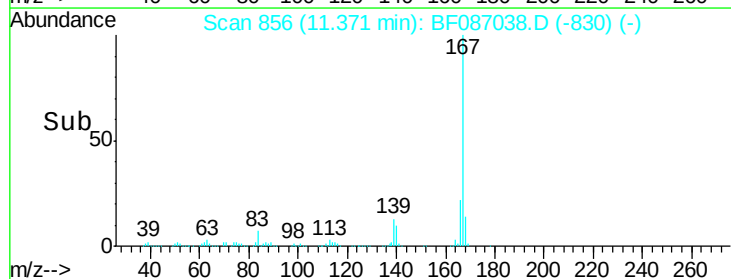
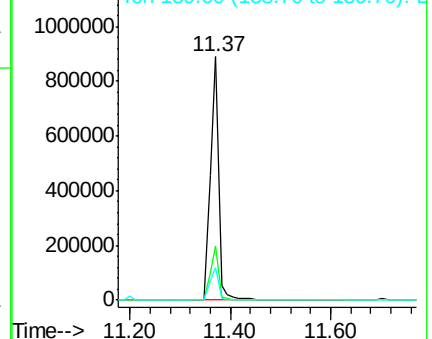
167 100

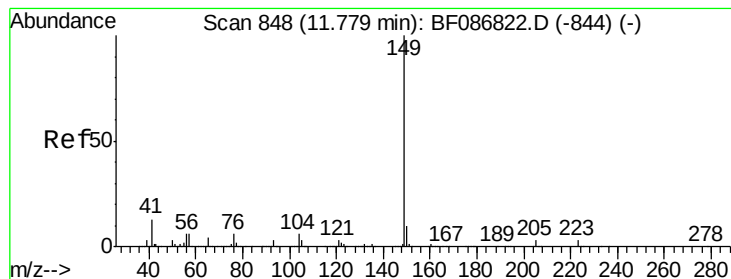
166 22.1 17.7 26.5

139 13.1 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.75 ng

RT: 11.70 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

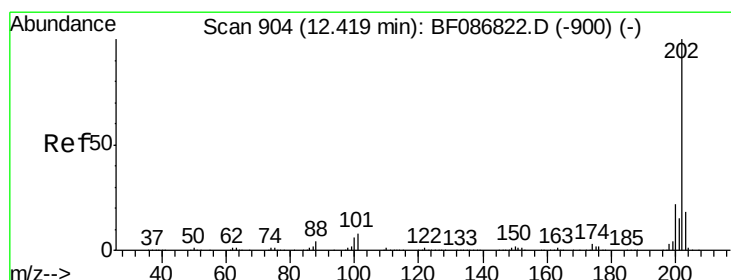
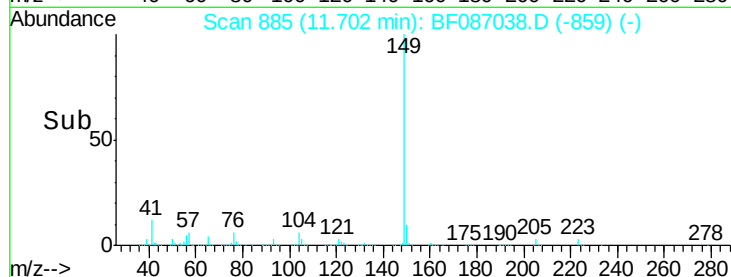
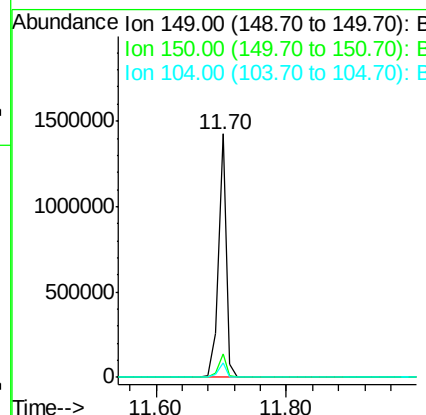
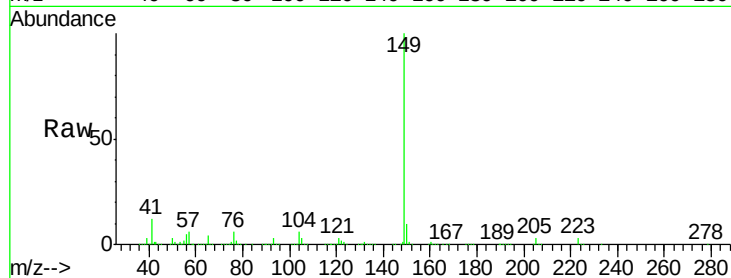
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	5.9	3.8	5.6



#74

Fluoranthene

Concen: 38.81 ng

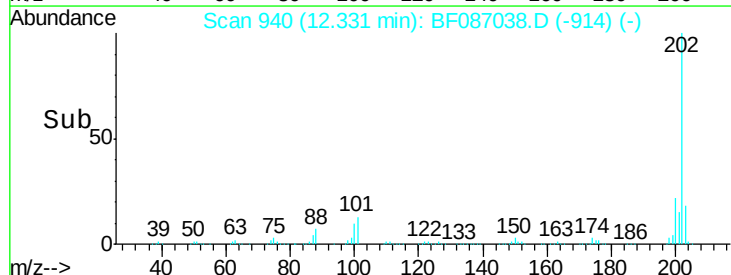
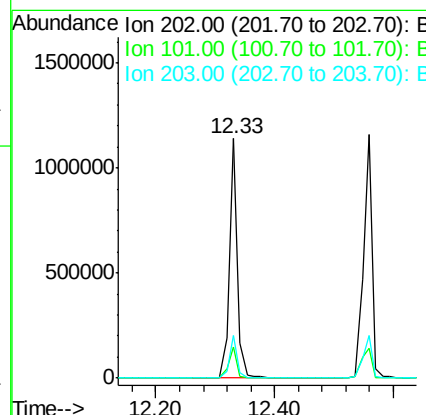
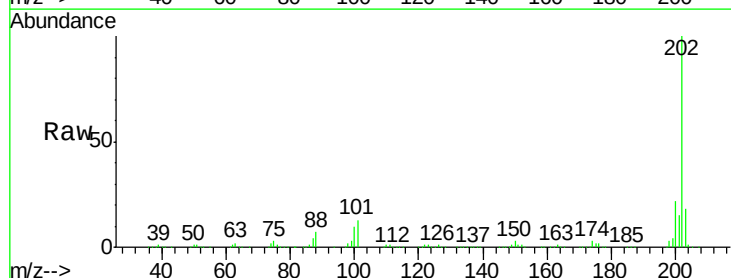
RT: 12.33 min Scan# 940

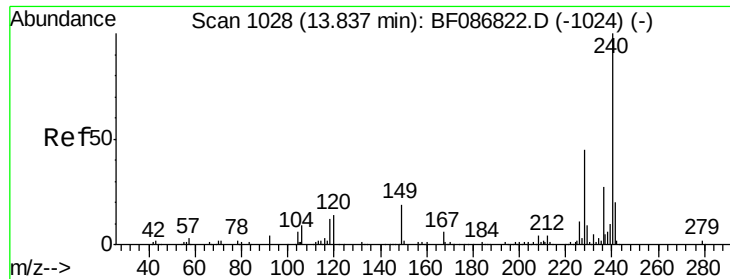
Delta R.T. 0.00 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	35.4
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

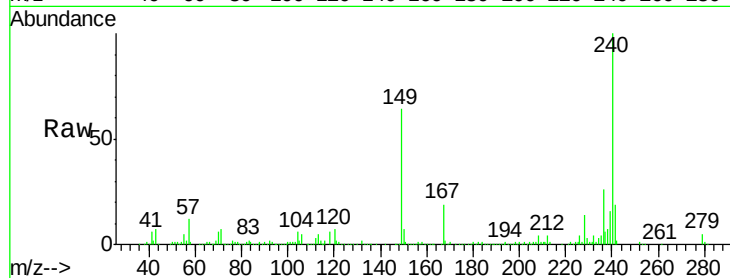
ClientSampleId :

PB90490BSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	331169		
120	6.9	11.2	16.8#	
236	25.9	21.2	31.8	

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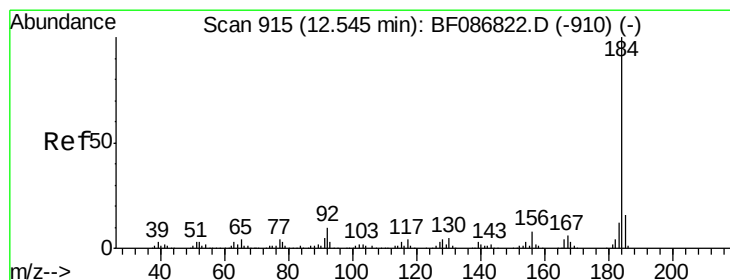
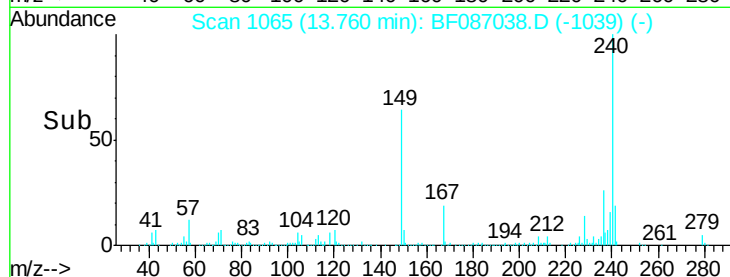
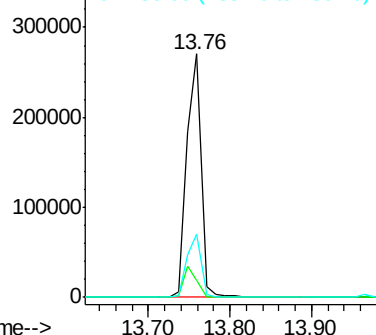
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.42 ng

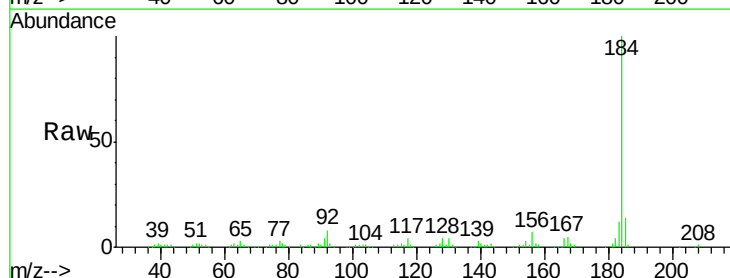
RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

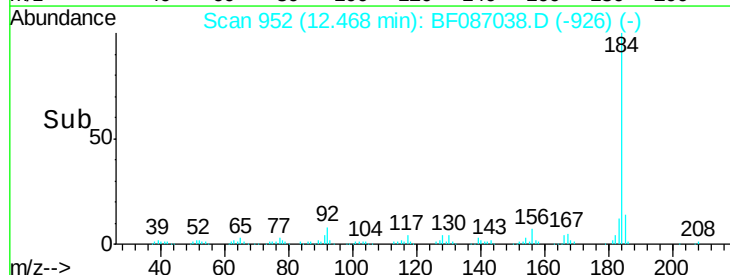
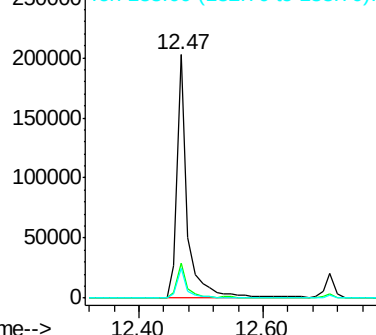
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	239930		
185	14.4	13.6	20.4	
183	12.0	9.8	14.6	

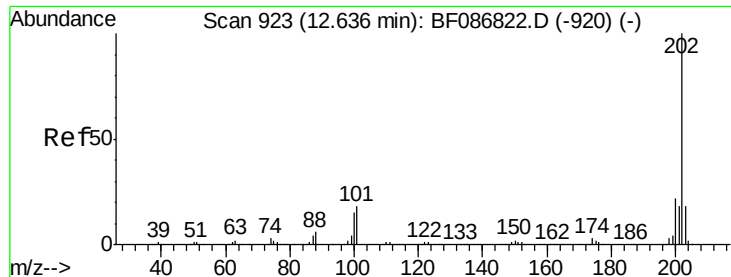


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





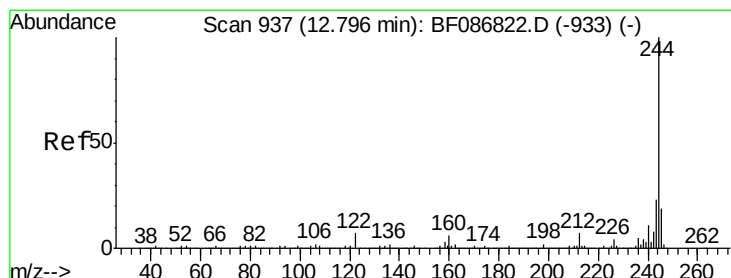
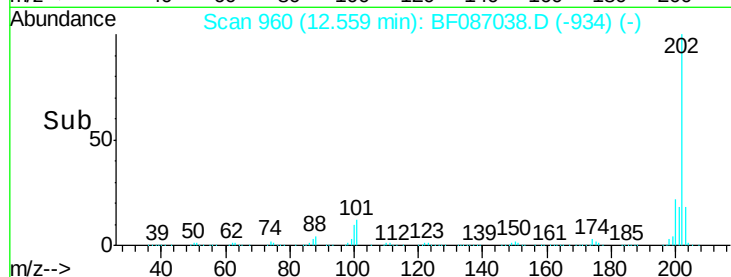
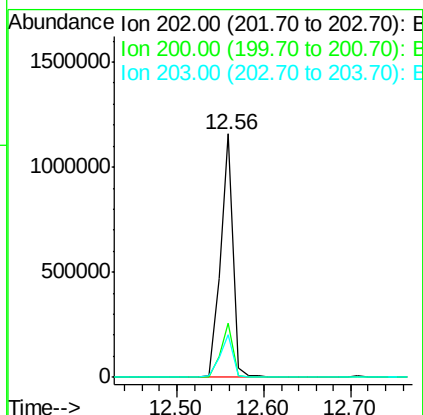
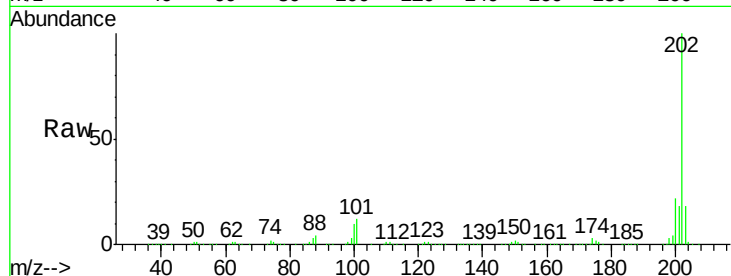
#77
 Pyrene
 Concen: 46.21 ng
 RT: 12.56 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	17.7	14.2	21.4

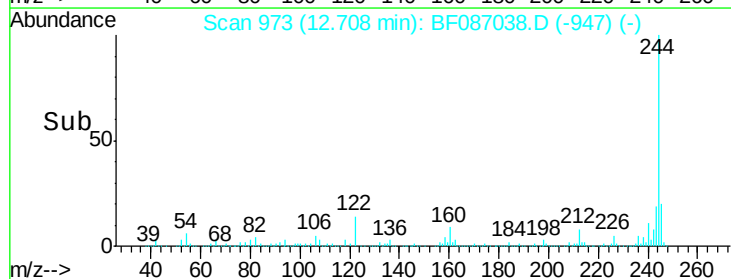
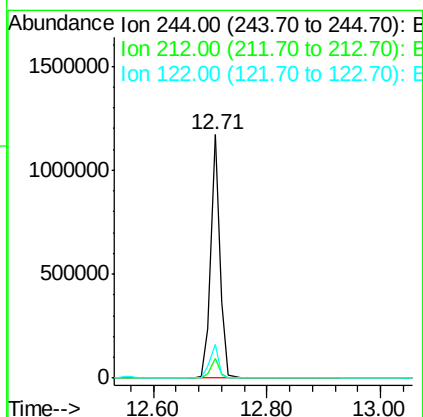
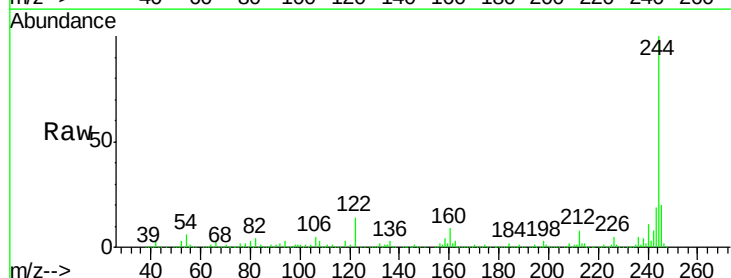
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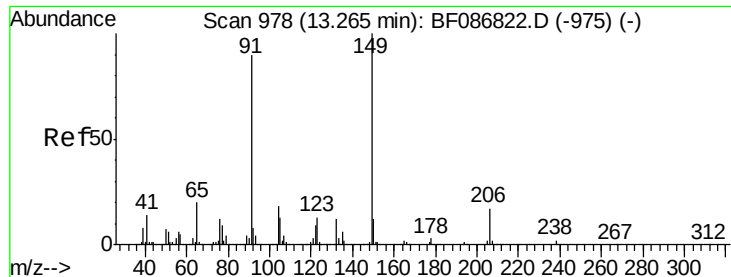
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#78
 Terphenyl-d14
 Concen: 80.08 ng
 RT: 12.71 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	14.0	12.0	18.0





#79

Butylbenzylphthalate

Concen: 45.24 ng

RT: 13.19 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF087038.D

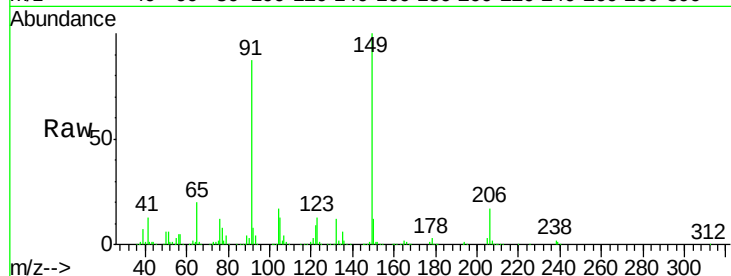
Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

PB90490BSD



Tgt Ion:149 Resp: 485132

Ion Ratio Lower Upper

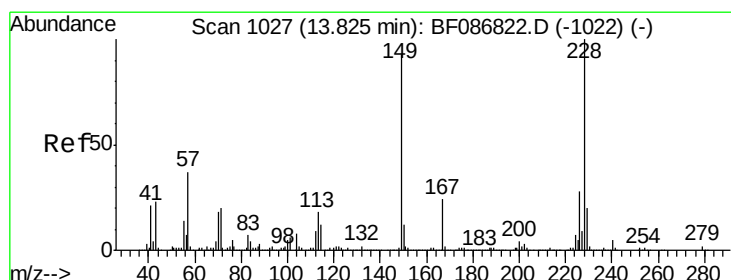
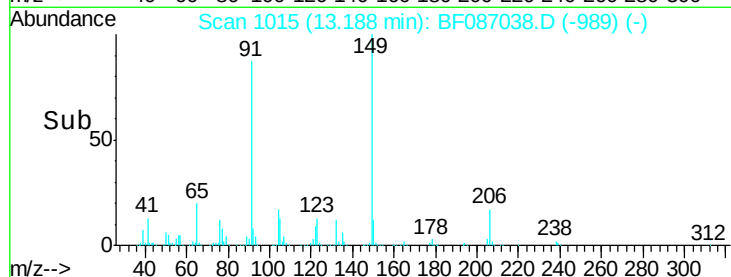
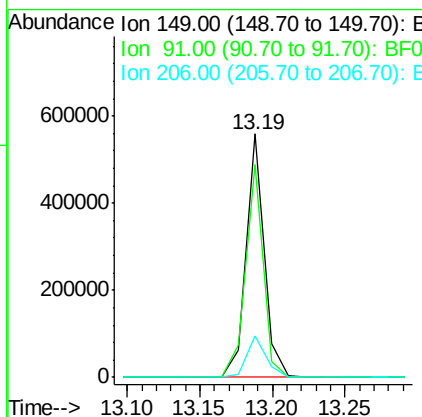
149 100

91 87.2 48.0 72.0#

206 16.7 15.8 23.6

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#80

Benzo(a)anthracene

Concen: 44.50 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

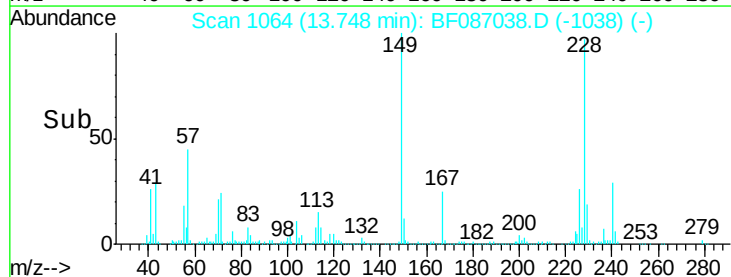
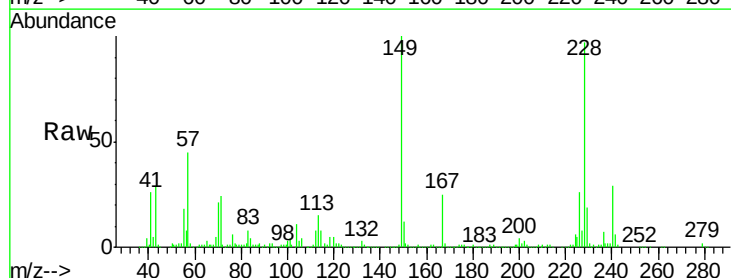
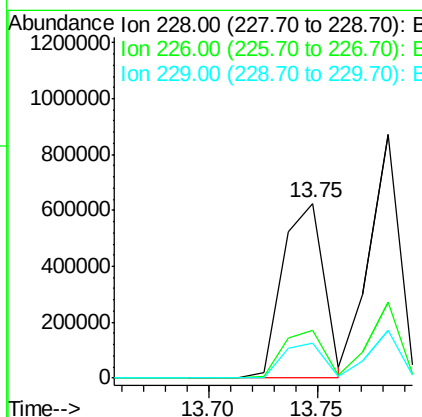
Tgt Ion:228 Resp: 827250

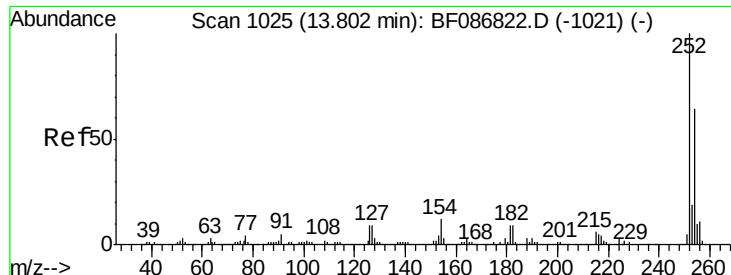
Ion Ratio Lower Upper

228 100

226 27.2 22.5 33.7

229 19.7 16.6 25.0





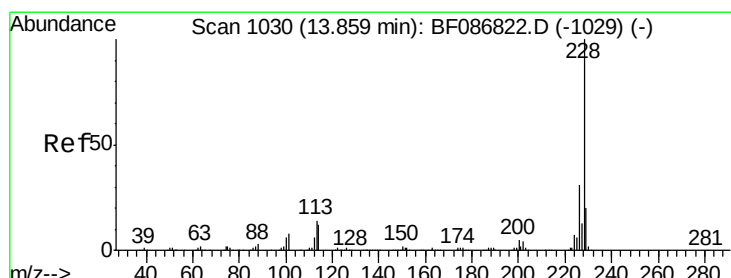
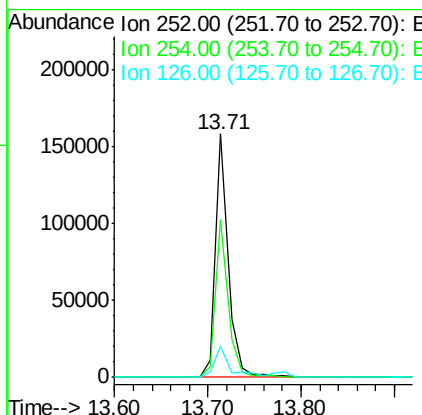
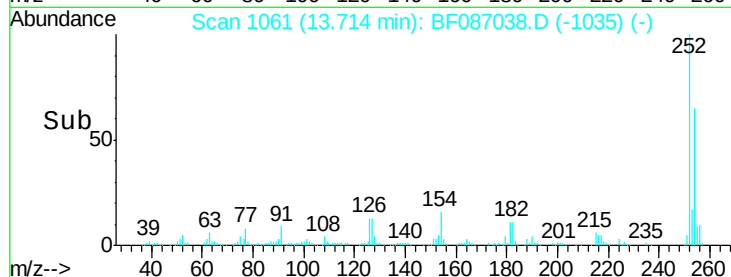
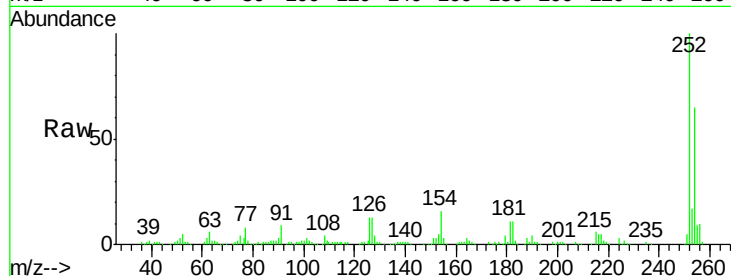
#81
 3,3'-Dichlorobenzidine
 Concen: 12.82 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.7	76.1
126	13.0	12.7	19.1

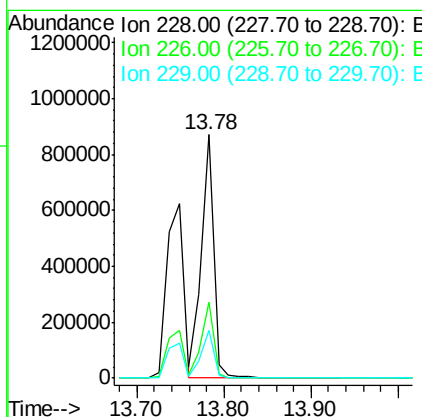
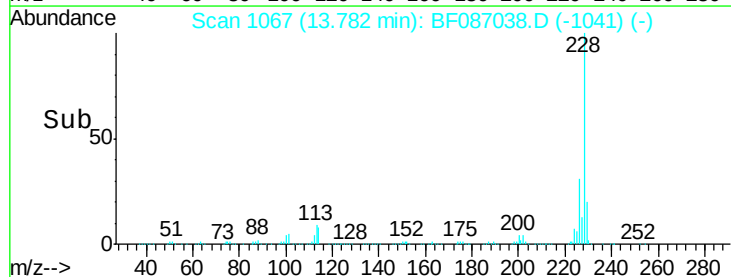
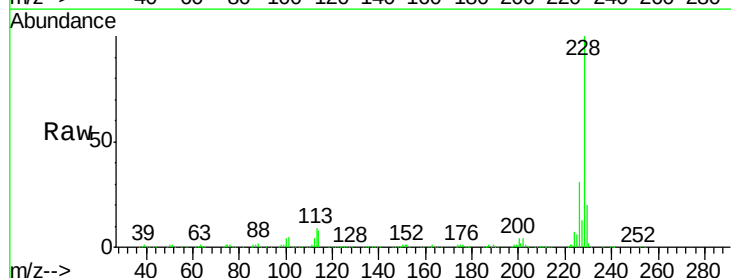
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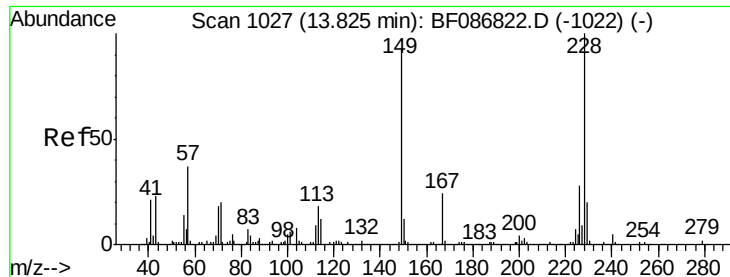
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#82
 Chrysene
 Concen: 45.34 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	19.5	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.71 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF087038.D

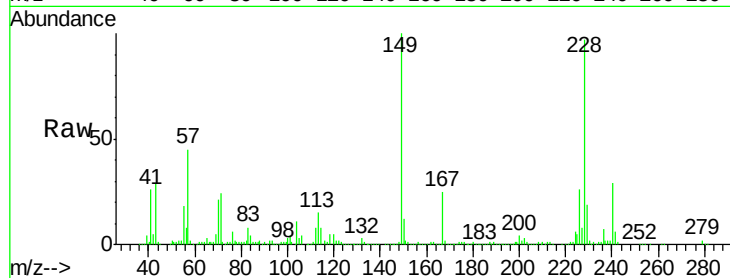
Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

PB90490BSD



Tgt Ion:149 Resp: 602599

Ion Ratio Lower Upper

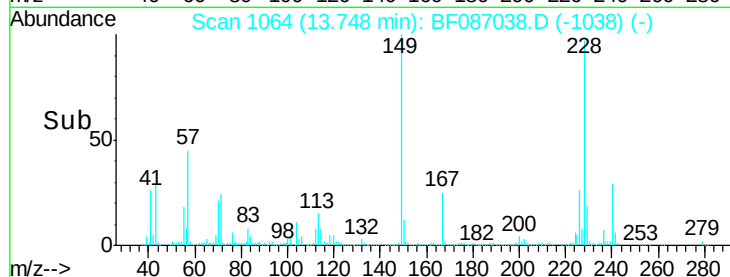
149 100

167 24.6 21.8 32.6

279 2.4 2.6 4.0#

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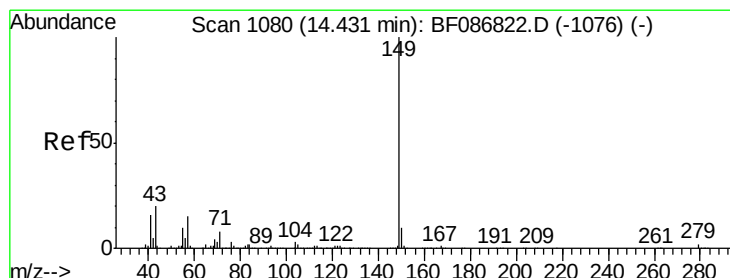
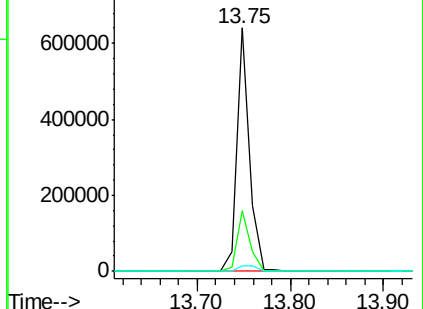
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.17 ng

RT: 14.35 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

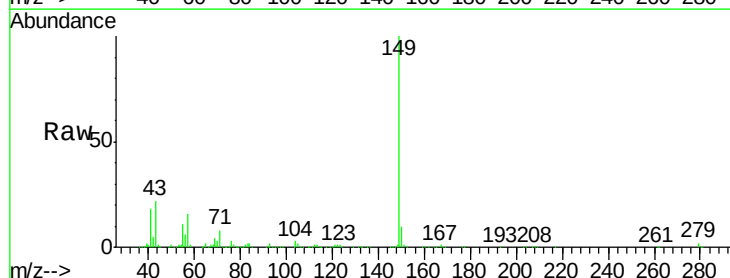
Tgt Ion:149 Resp: 1050678

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

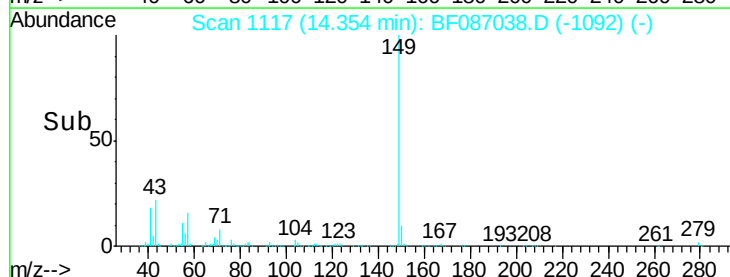
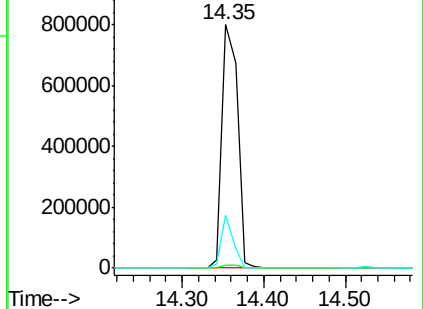
43 16.5 8.2 12.4#

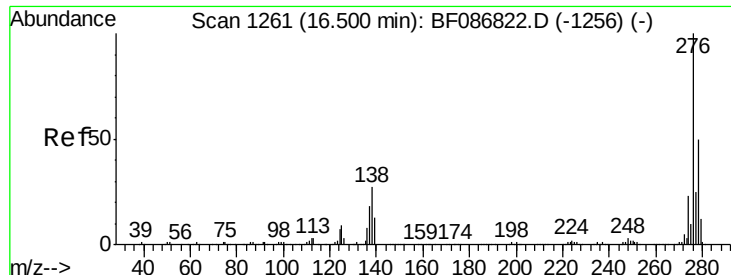


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





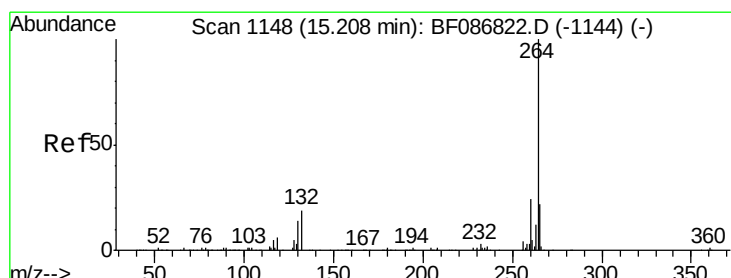
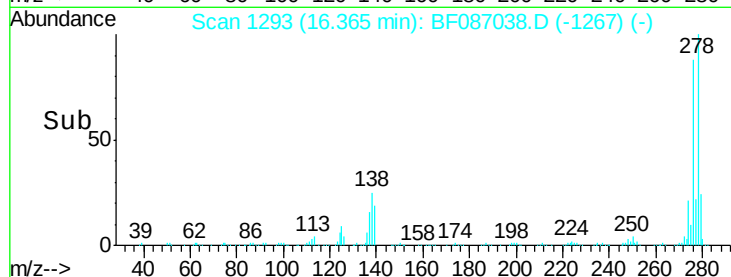
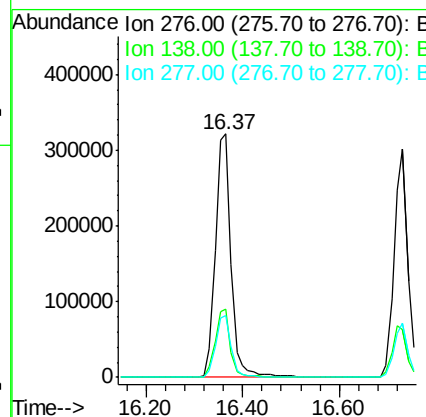
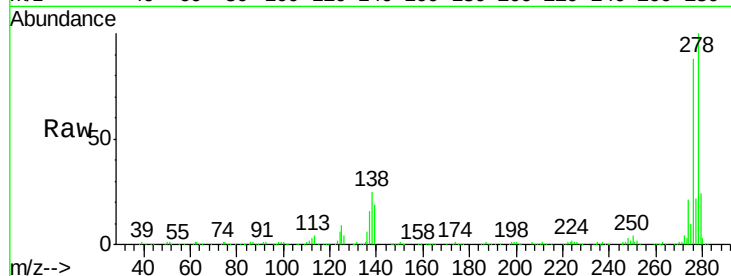
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.41 ng
 RT: 16.37 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.2	25.6	38.4
277	25.3	20.5	30.7

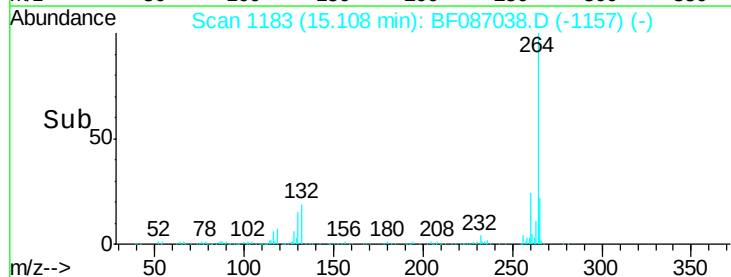
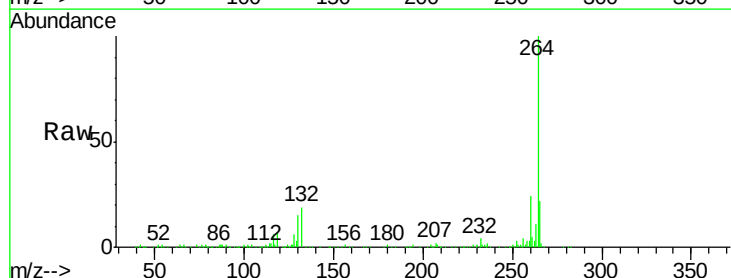
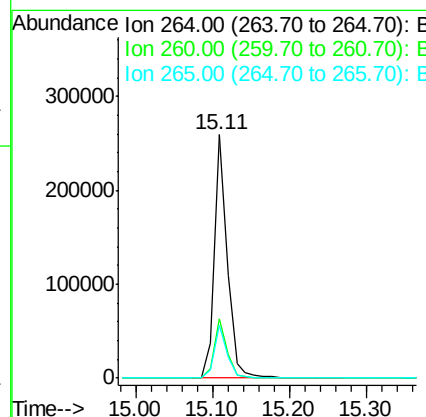
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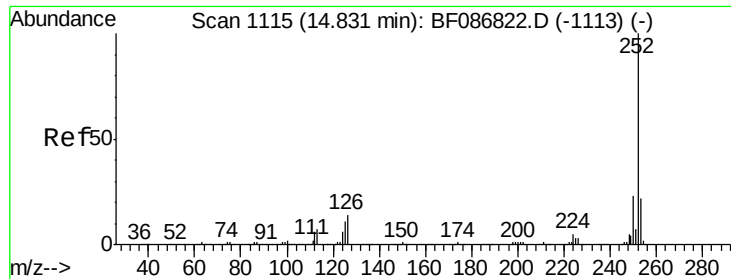
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF087038.D
 Acq: 15 May 2016 00:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.7	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 35.37 ng m

RT: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF087038.D

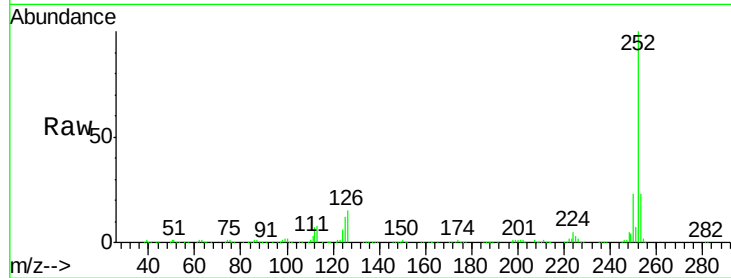
Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

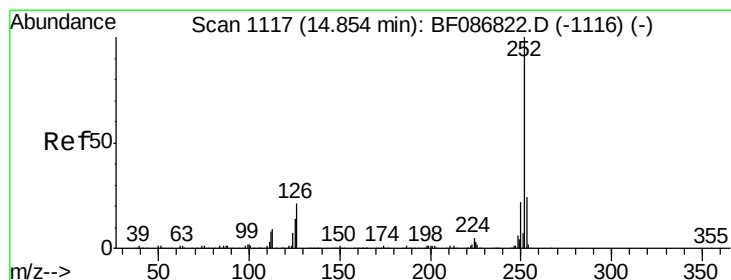
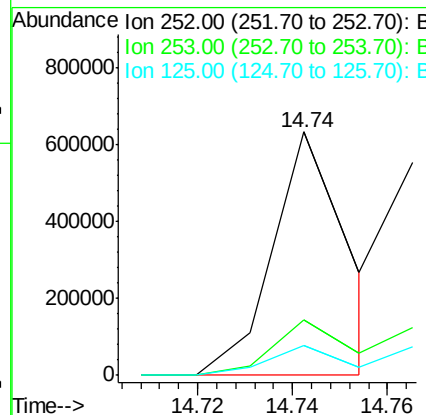
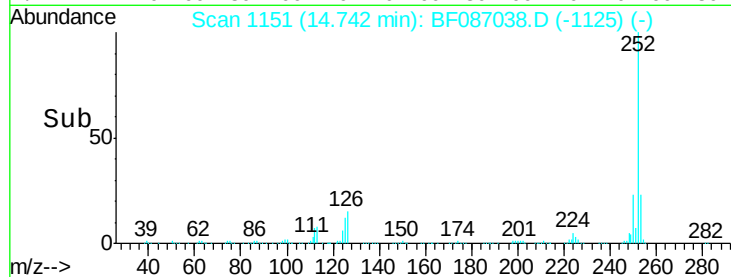
PB90490BSD



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	12.1	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 43.43 ng m

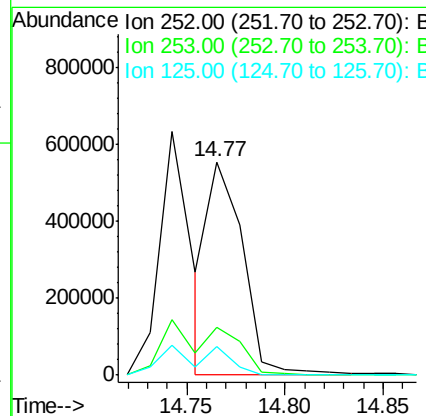
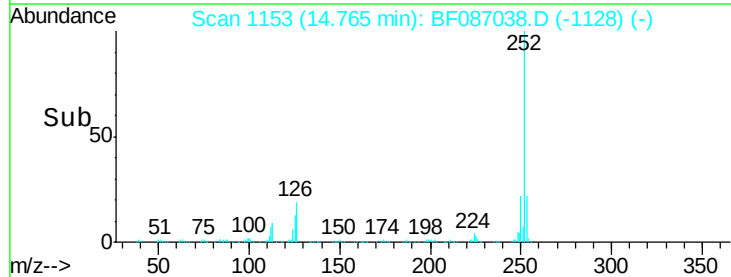
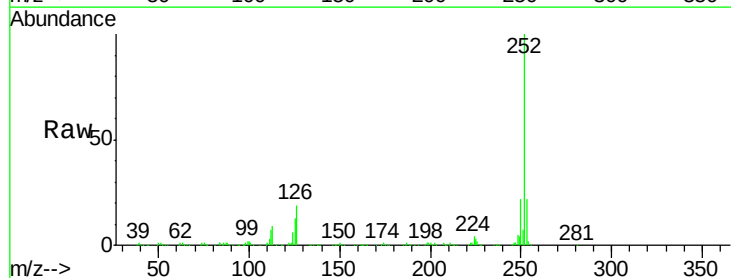
RT: 14.77 min Scan# 1153

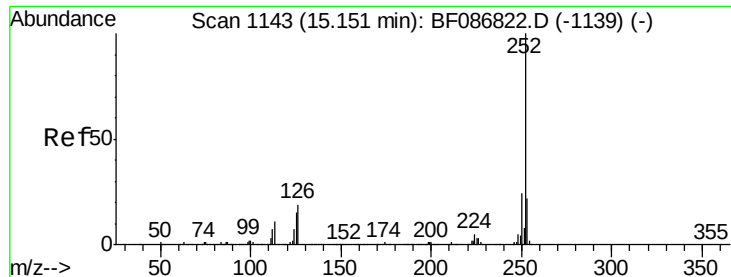
Delta R.T. -0.01 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	13.1	9.1	13.7





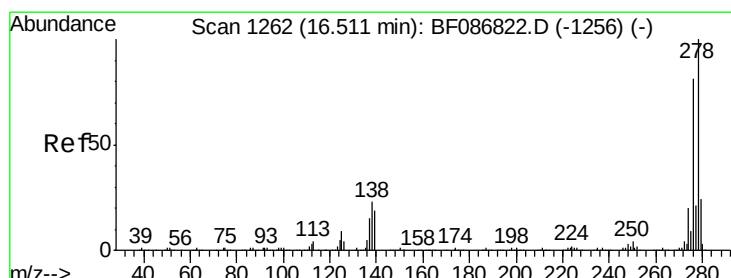
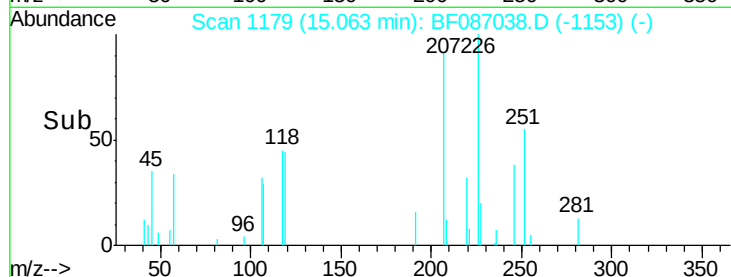
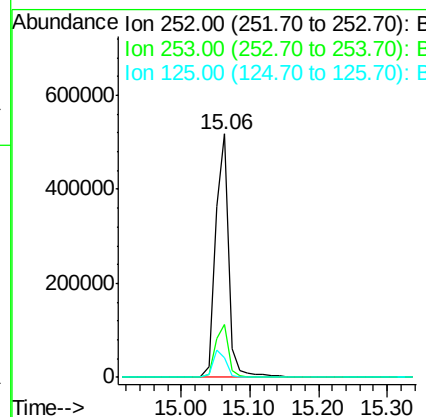
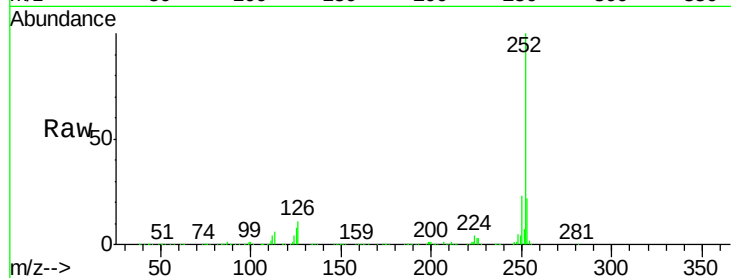
#89
Benzo(a)pyrene
Concen: 40.98 ng
RT: 15.06 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Instrument :
BNA_F
ClientSampleId :
PB90490BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.9	17.2	25.8
125	8.3	9.0	13.6

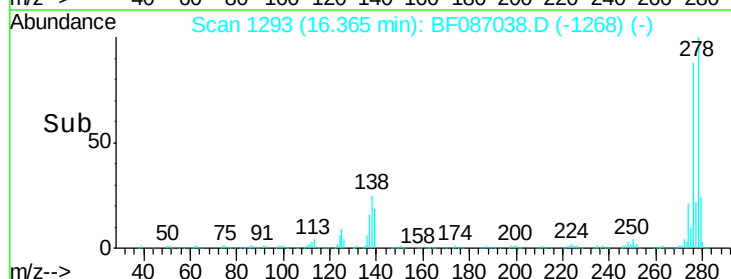
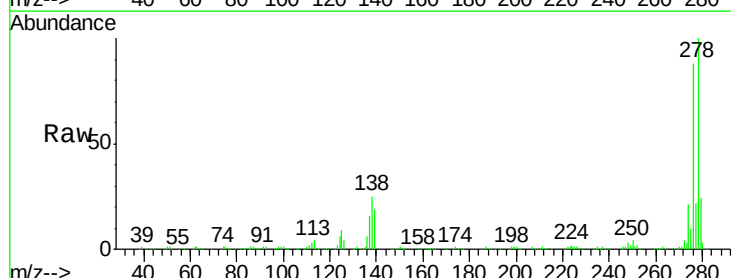
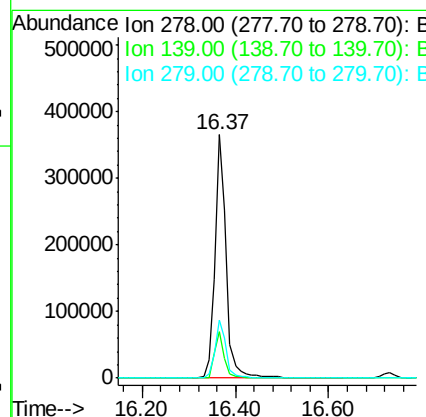
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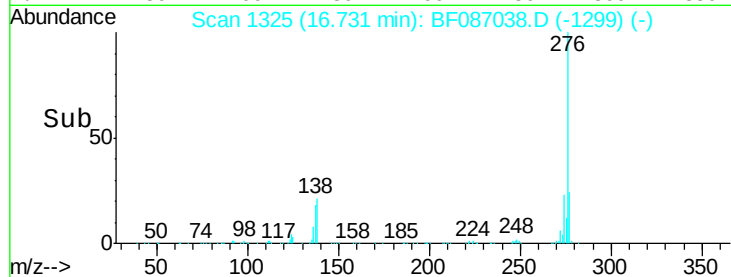
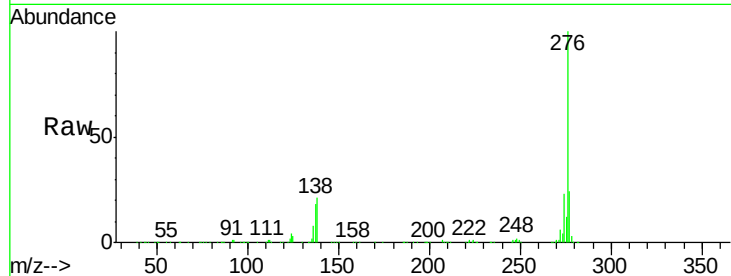
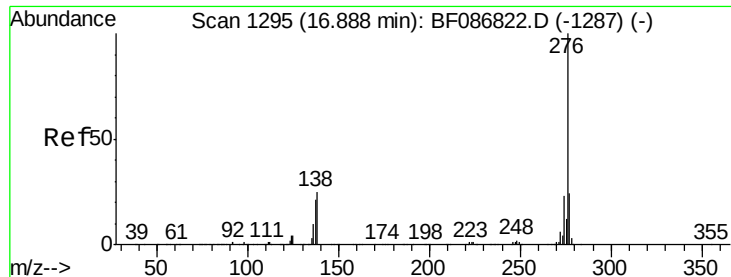
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#90
Dibenzo(a,h)anthracene
Concen: 43.82 ng
RT: 16.37 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF087038.D
Acq: 15 May 2016 00:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	18.8	16.6	24.8
279	24.0	19.6	29.4





#91

Benzo(g,h,i)perylene

Concen: 43.02 ng

RT: 16.73 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF087038.D

Acq: 15 May 2016 00:03

Instrument :

BNA_F

ClientSampleId :

PB90490BSD

Tgt	Ion	276	Resp:	623707
Ion	Ratio	100	Lower	Upper
276	100			
277	23.6	19.6	29.4	
138	21.1	23.6	35.4	#

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