

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087042.D
 Acq On : 15 May 2016 2:00
 Operator : UM/SJ
 Sample : PB90575BS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90575BS

Manual Integrations
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 5/16/2016 6:58:56 PM

Quant Time: May 16 05:58:02 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	142587	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	579034	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	268250	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	520362	20.00	ng	0.00
75) Chrysene-d12	13.75	240	338153	20.00	ng	-0.01
86) Perylene-d12	15.11	264	307432	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	881678	104.72	ng	0.01
7) Phenol-d6	6.28	99	1193196	106.04	ng	0.00
23) Nitrobenzene-d5	7.19	82	787127	68.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	312539	110.05	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1294308	81.09	ng	0.00
78) Terphenyl-d14	12.71	244	1116053	70.03	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.15	88	122075	29.53	ng	# 65
3) Pyridine	2.79	79	277354	27.45	ng	# 65
4) n-Nitrosodimethylamine	2.74	42	263615	35.97	ng	# 49
6) Aniline	6.28	93	268157	19.70	ng	# 20
8) 2-Chlorophenol	6.40	128	350421	34.49	ng	83
9) Benzaldehyde	6.17	77	21758	3.34	ng	99
10) Phenol	6.30	94	470959	35.21	ng	87
11) bis(2-Chloroethyl)ether	6.35	93	323331	31.00	ng	# 81
12) 1,3-Dichlorobenzene	6.55	146	364011	33.11	ng	# 95
13) 1,4-Dichlorobenzene	6.63	146	379370	33.84	ng	95
14) 1,2-Dichlorobenzene	6.78	146	329544	33.72	ng	94
15) Benzyl Alcohol	6.78	79	312055	40.16	ng	88
16) 2,2'-oxybis(1-Chloropropan	6.90	45	694139	30.61	ng	54
17) 2-Methylphenol	6.90	107	290304	35.91	ng	# 81
18) Hexachloroethane	7.12	117	142281	33.73	ng	97
19) n-Nitroso-di-n-propylamine	7.04	70	261055	33.20	ng	# 61
20) 3+4-Methylphenols	7.06	107	386567	36.61	ng	# 60
22) Acetophenone	7.04	105	507368	37.10	ng	# 94
24) Nitrobenzene	7.21	77	409090	34.49	ng	92
25) Isophorone	7.45	82	730633	34.15	ng	96
26) 2-Nitrophenol	7.52	139	175666	33.69	ng	# 65
27) 2,4-Dimethylphenol	7.59	122	306921	34.55	ng	94
28) bis(2-Chloroethoxy)methane	7.67	93	450938	39.07	ng	99
29) 2,4-Dichlorophenol	7.78	162	279307	35.73	ng	92
30) 1,2,4-Trichlorobenzene	7.84	180	299221	34.23	ng	95
31) Naphthalene	7.92	128	985242	33.97	ng	99
32) Benzoic acid	7.74	122	164646	31.56	ng	# 83
33) 4-Chloroaniline	7.99	127	168552	14.96	ng	# 95
34) Hexachlorobutadiene	8.04	225	176387	34.78	ng	98
35) Caprolactam	8.35	113	89885	33.79	ng	# 38
36) 4-Chloro-3-methylphenol	8.49	107	327734	34.57	ng	93
37) 2-Methylnaphthalene	8.62	142	680076	40.11	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	261982	33.59	ng	98
40) Hexachlorocyclopentadiene	8.76	237	232661	62.85	ng	94

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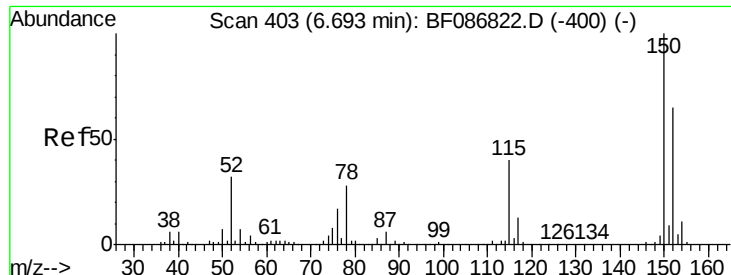
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Quant Time: May 16 05:58:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	177424	34.02	ng	95
43) 2,4,5-Trichlorophenol	8.96	196	177156	32.85	ng	96
45) 1,1'-Biphenyl	9.07	154	794000	37.21	ng	96
46) 2-Chloronaphthalene	9.10	162	585462	35.02	ng	92
47) 2-Nitroaniline	9.21	65	241606	39.55	ng	# 76
48) Acenaphthylene	9.51	152	892818	36.31	ng	98
49) Dimethylphthalate	9.39	163	764306	37.35	ng	99
50) 2,6-Dinitrotoluene	9.45	165	147618	34.27	ng	# 73
51) Acenaphthene	9.68	154	540773	35.36	ng	99
52) 3-Nitroaniline	9.62	138	101476	22.38	ng	82
53) 2,4-Dinitrophenol	9.74	184	93568	46.12	ng	90
54) Dibenzofuran	9.85	168	786768	40.07	ng	91
55) 4-Nitrophenol	9.82	139	181799m	61.26	ng	
56) 2,4-Dinitrotoluene	9.86	165	194056	36.41	ng	# 77
57) Fluorene	10.19	166	601344	35.91	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	161748	39.83	ng	96
59) Diethylphthalate	10.09	149	745308	37.37	ng	96
60) 4-Chlorophenyl-phenylether	10.19	204	307229	41.32	ng	90
61) 4-Nitroaniline	10.24	138	159252	36.57	ng	# 73
62) Azobenzene	10.35	77	884160	41.09	ng	87
64) 4,6-Dinitro-2-methylphenol	10.26	198	90382	27.96	ng	# 42
65) n-Nitrosodiphenylamine	10.32	169	603054	37.72	ng	99
66) 4-Bromophenyl-phenylether	10.67	248	173899	32.96	ng	# 88
67) Hexachlorobenzene	10.74	284	228400	37.04	ng	# 92
68) Atrazine	10.85	200	167455	31.36	ng	94
69) Pentachlorophenol	10.95	266	179631	63.04	ng	96
70) Phenanthrene	11.15	178	1017415	36.64	ng	100
71) Anthracene	11.20	178	959097	33.77	ng	99
72) Carbazole	11.37	167	886156	36.30	ng	99
73) Di-n-butylphthalate	11.70	149	1140999	38.27	ng	99
74) Fluoranthene	12.33	202	991195	34.70	ng	96
76) Benzidine	12.47	184	230884	26.78	ng	96
77) Pyrene	12.56	202	1040020	40.17	ng	100
79) Butylbenzylphthalate	13.19	149	439277	40.12	ng	# 74
80) Benzo(a)anthracene	13.74	228	718536	37.85	ng	98
81) 3,3'-Dichlorobenzidine	13.71	252	156545	12.98	ng	# 97
82) Chrysene	13.78	228	748633	38.77	ng	99
83) Bis(2-ethylhexyl)phthalate	13.75	149	565534	42.93	ng	# 96
84) Di-n-octyl phthalate	14.35	149	906966	41.57	ng	# 84
85) Indeno(1,2,3-cd)pyrene	16.35	276	666132	41.46	ng	95
87) Benzo(b)fluoranthene	14.74	252	621708m	31.12	ng	
88) Benzo(k)fluoranthene	14.77	252	607823m	37.15	ng	
89) Benzo(a)pyrene	15.06	252	606510	35.19	ng	# 96
90) Dibenzo(a,h)anthracene	16.37	278	553147	38.08	ng	97
91) Benzo(g,h,i)perylene	16.73	276	556113	37.68	ng	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Instrument :

BNA_F

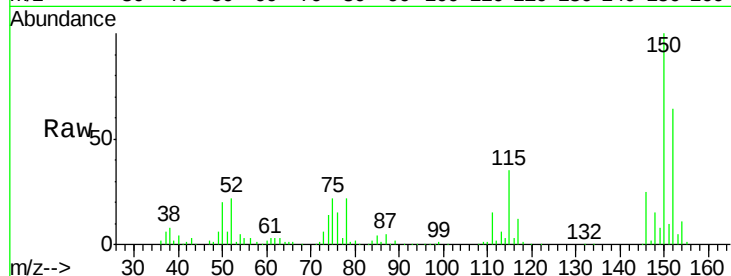
ClientSampleId :

PB90575BS

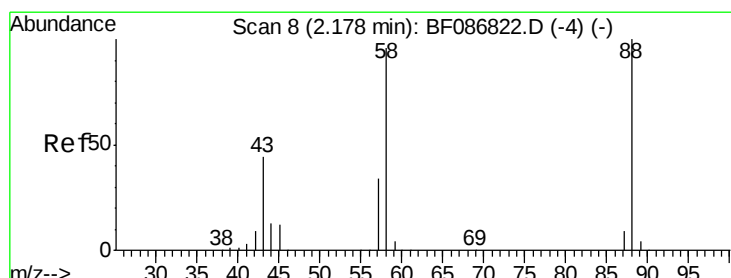
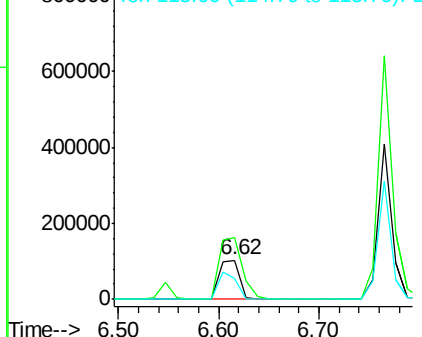
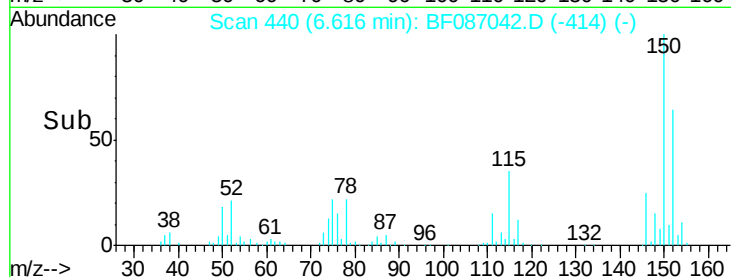
Tgt Ion:	152	Resp:	142587
Ion Ratio	Lower	Upper	
152	100		
150	157.3	125.8	188.6
115	55.0	51.5	77.3

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.53 ng

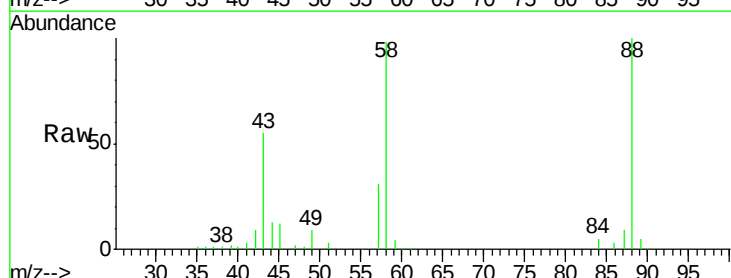
RT: 2.15 min Scan# 49

Delta R.T. 0.09 min

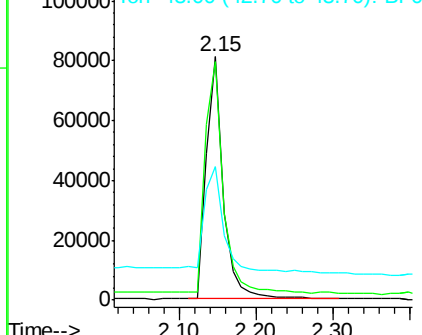
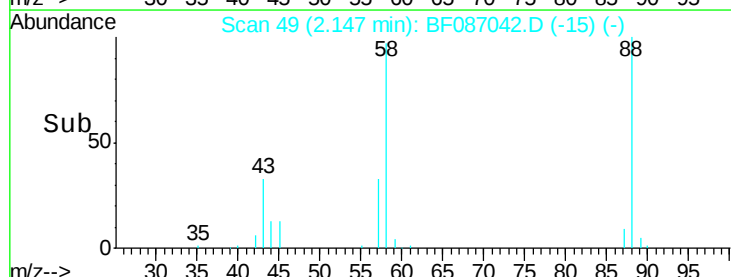
Lab File: BF087042.D

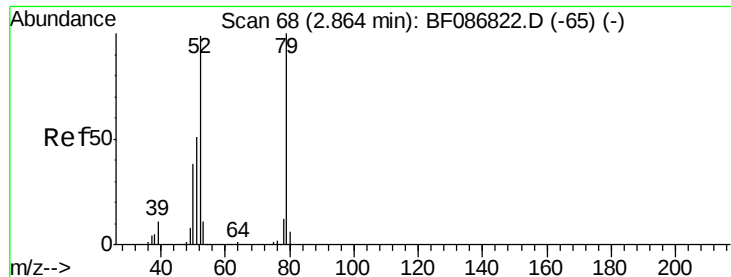
Acq: 15 May 2016 2:00

Tgt Ion:	88	Resp:	122075
Ion Ratio	Lower	Upper	
88	100		
58	100.3	59.6	89.4#
43	52.4	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





#3

Pyridine

Concen: 27.45 ng

RT: 2.79 min Scan# 105

Delta R.T. 0.09 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Instrument :

BNA_F

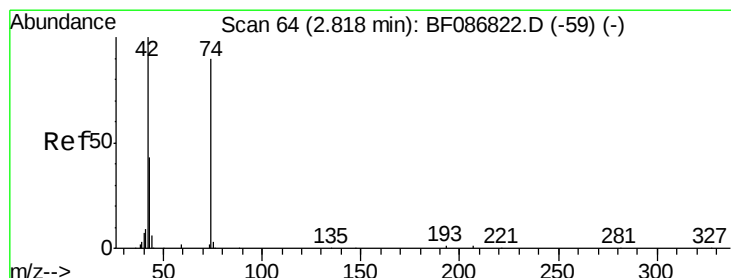
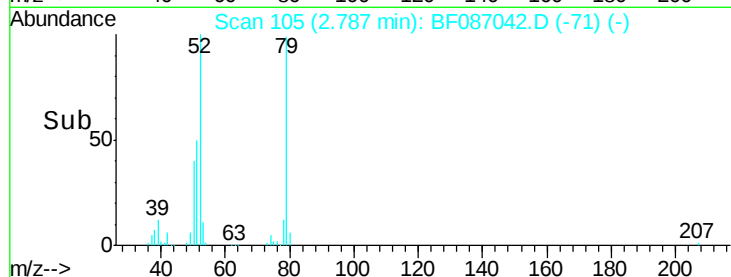
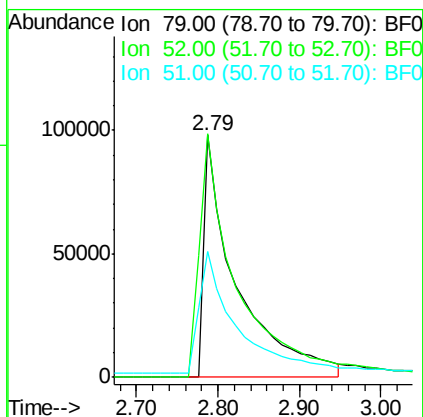
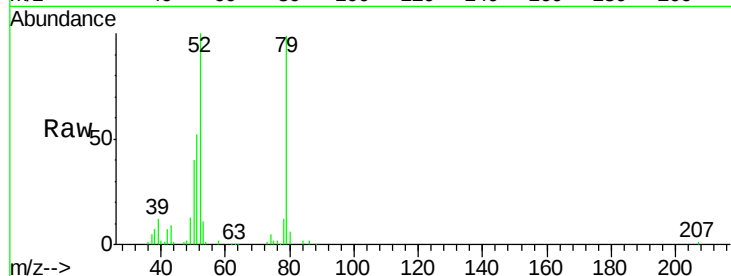
ClientSampleId :

PB90575BS

Tgt Ion:	79	Resp:	277354
Ion Ratio	Lower	Upper	
79	100		
52	100.6	55.9	83.9#
51	52.2	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 35.97 ng

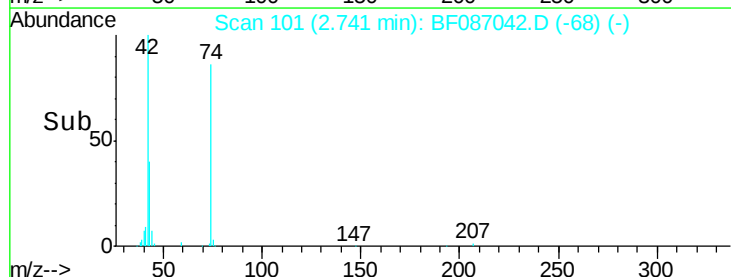
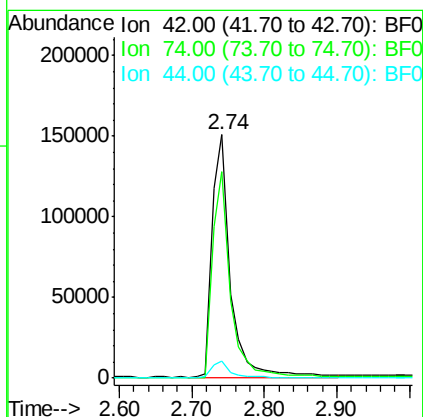
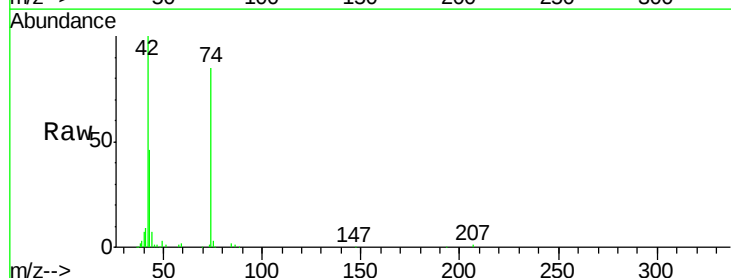
RT: 2.74 min Scan# 101

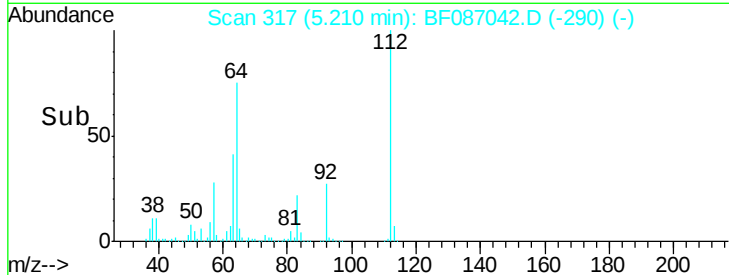
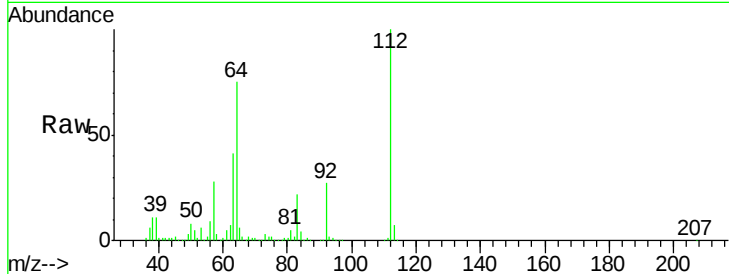
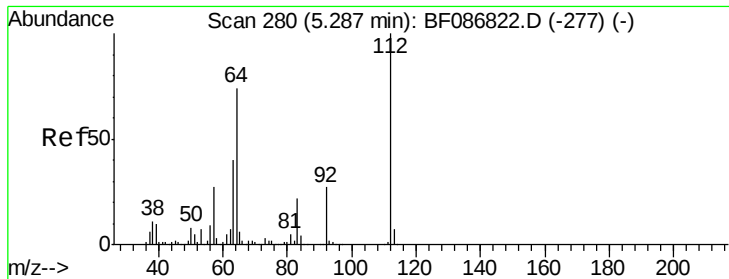
Delta R.T. 0.08 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Tgt Ion:	42	Resp:	263615
Ion Ratio	Lower	Upper	
42	100		
74	85.0	123.4	185.0#
44	6.9	5.8	8.6





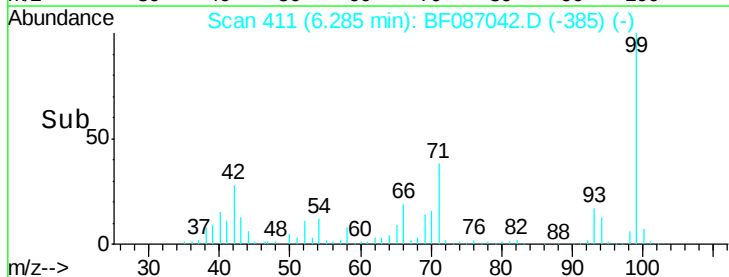
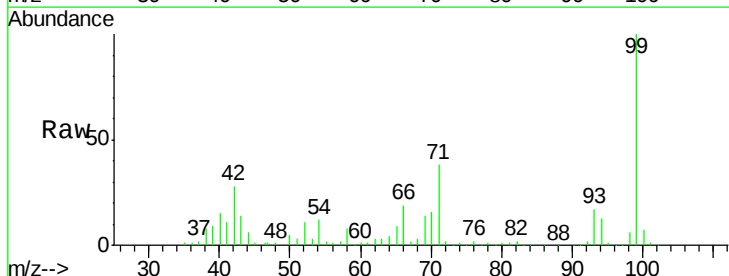
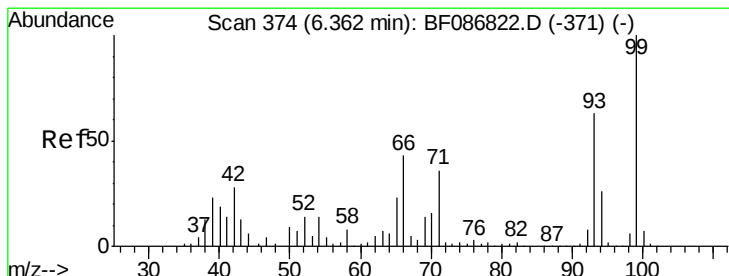
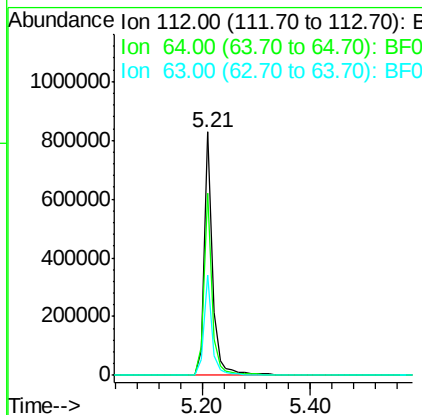
#5
2-Fluorophenol
Concen: 104.72 ng
RT: 5.21 min Scan# 317
Delta R.T. 0.01 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

Tgt Ion	Ratio	Resp Lower	Upper
112	100		
64	75.0	52.1	78.1
63	41.0	25.7	38.5#

Instrument :
BNA_F
ClientSampled :
PB90575BS

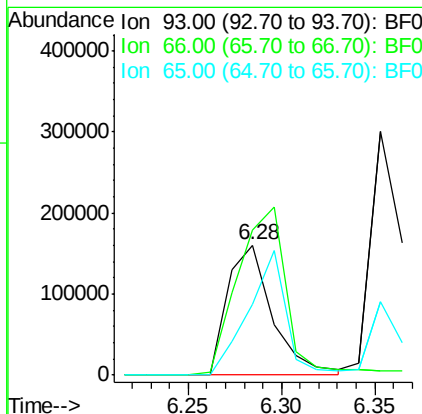
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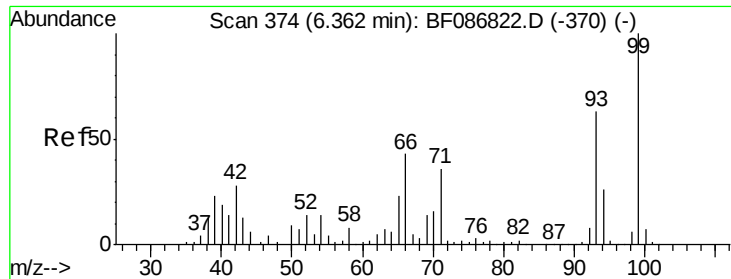
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#6
Aniline
Concen: 19.70 ng
RT: 6.28 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	112.0	39.0	58.6#
65	54.6	20.6	31.0#





#7

Phenol-d6

Concen: 106.04 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Instrument :

BNA_F

ClientSampleId :

PB90575BS

Tgt Ion: 99 Resp: 1193196

Ion Ratio Lower Upper

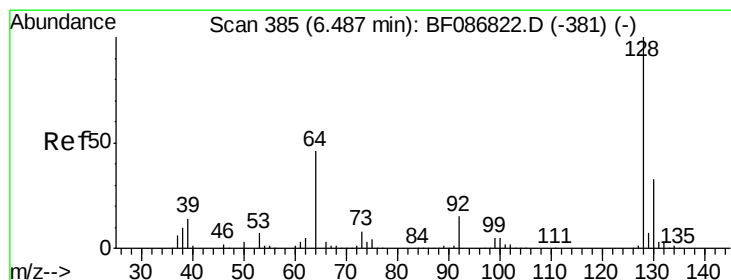
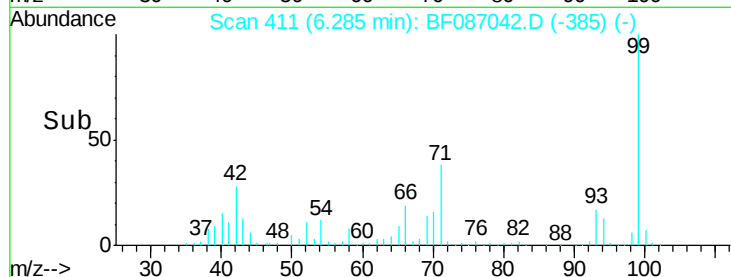
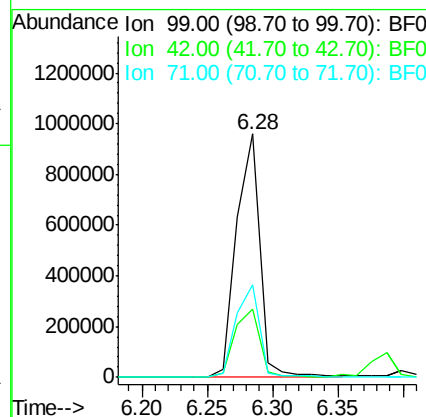
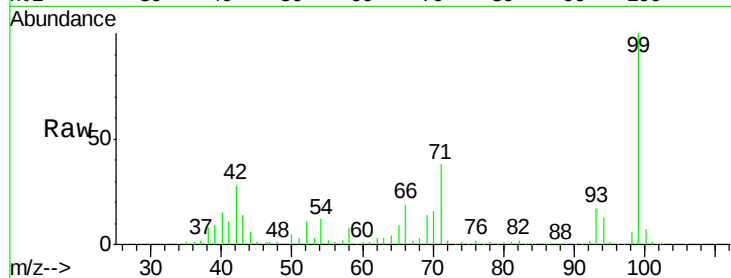
99 100

42 28.0 13.6 20.4#

71 38.0 24.6 36.8#

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#8

2-Chlorophenol

Concen: 34.49 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

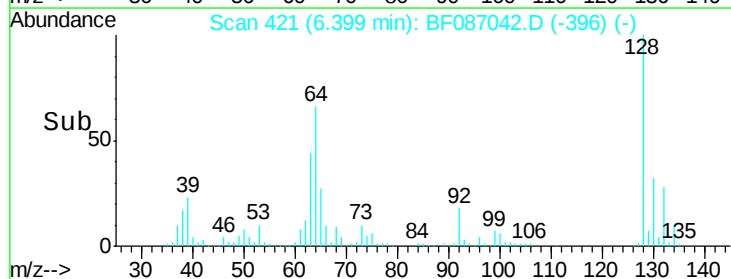
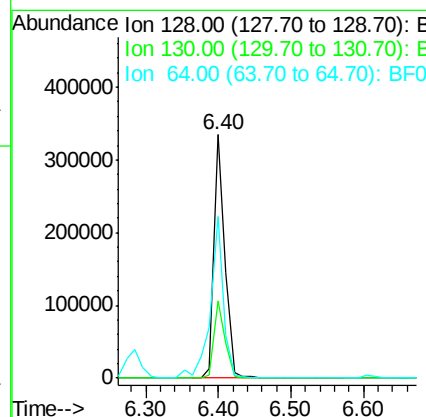
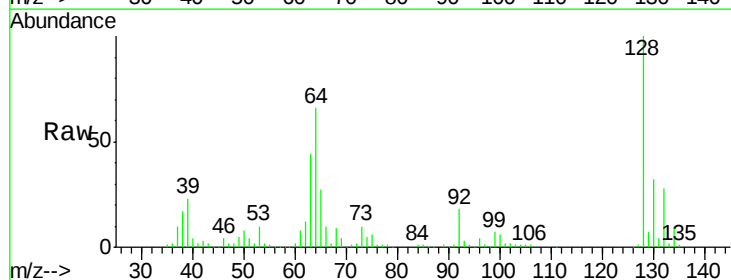
Tgt Ion: 128 Resp: 350421

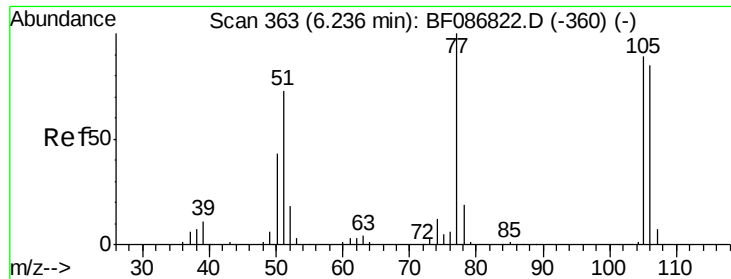
Ion Ratio Lower Upper

128 100

130 31.9 12.5 52.5

64 66.2 27.3 67.3





#9

Benzaldehyde

Concen: 3.34 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.01 min

Lab File: BF087042.D

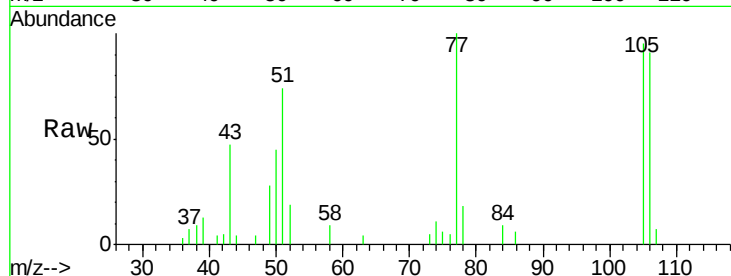
Acq: 15 May 2016 2:00

Instrument :

BNA_F

ClientSampled :

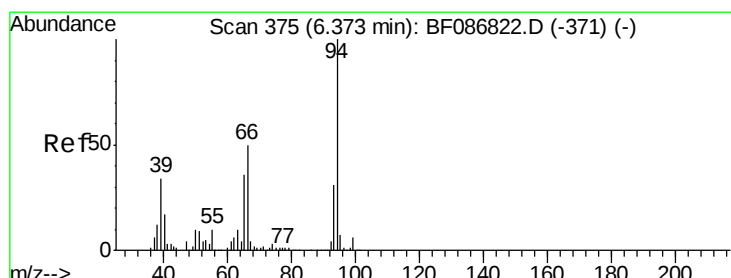
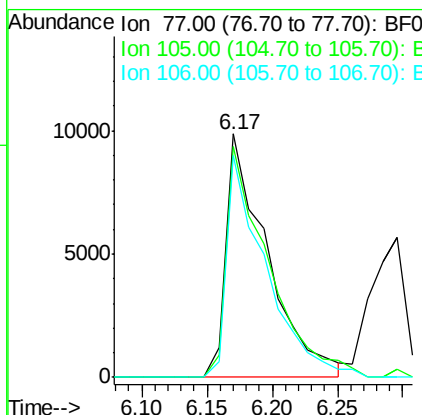
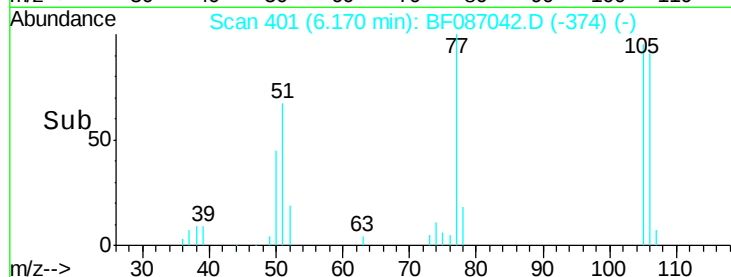
PB90575BS



Tgt Ion:	77	Resp:	21758
Ion	Ratio	Lower	Upper
77	100		
105	95.1	72.7	112.7
106	90.9	70.8	110.8

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#10

Phenol

Concen: 35.21 ng

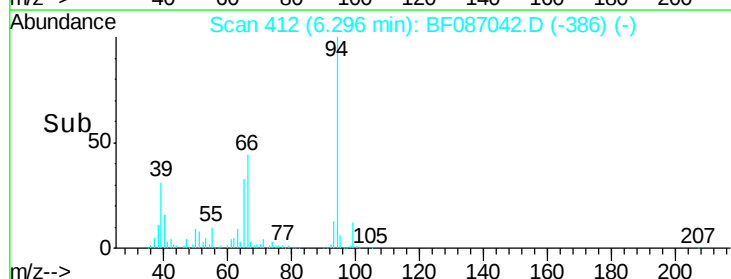
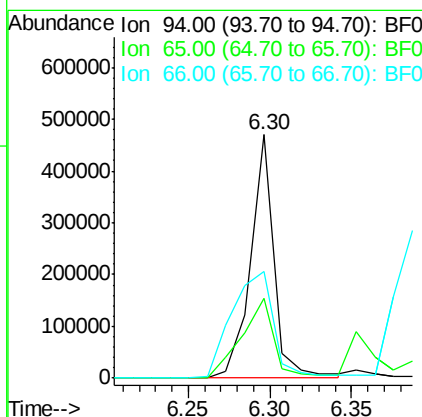
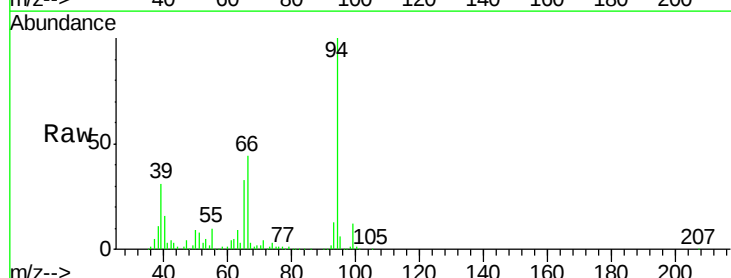
RT: 6.30 min Scan# 412

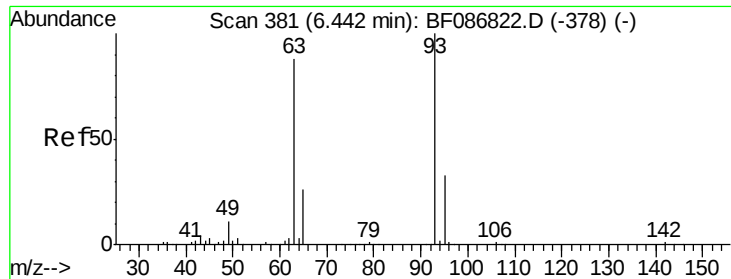
Delta R.T. 0.00 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Tgt Ion:	94	Resp:	470959
Ion	Ratio	Lower	Upper
94	100		
65	32.6	7.2	47.2
66	44.1	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 31.00 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Instrument :

BNA_F

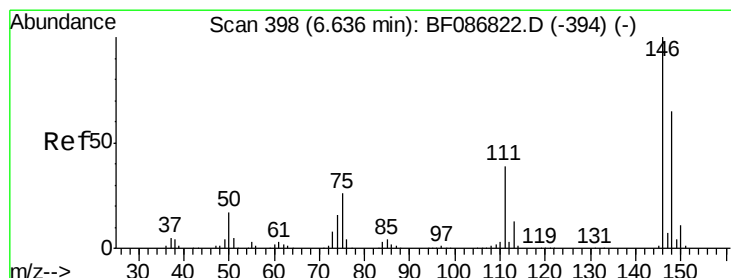
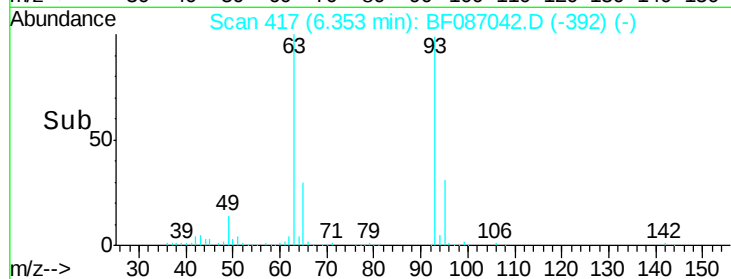
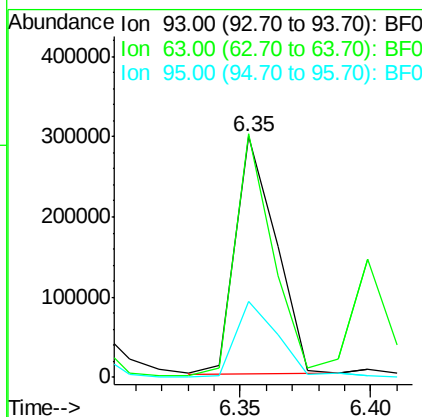
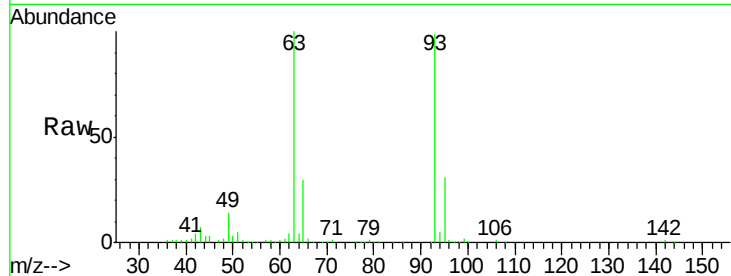
ClientSampleId :

PB90575BS

Tgt Ion:	93	Resp:	323331
Ion Ratio	Lower	Upper	
93	100		
63	101.0	58.0	98.0#
95	31.7	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 33.11 ng

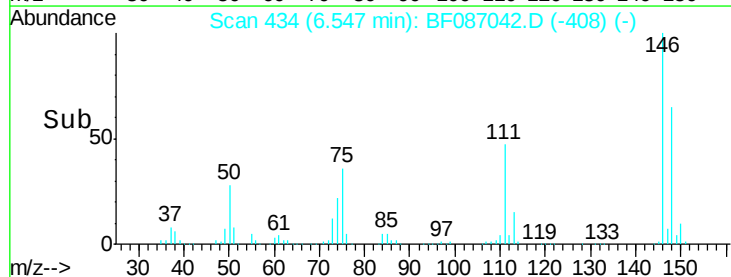
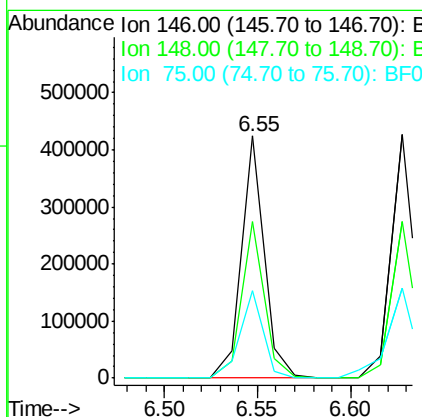
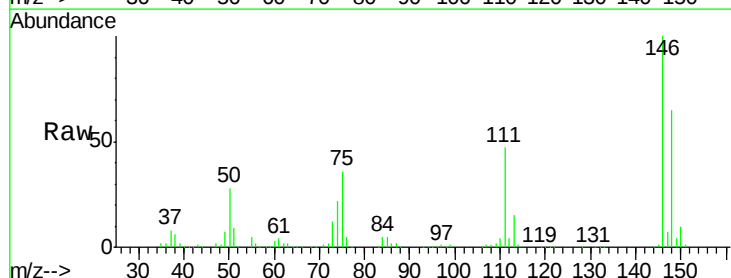
RT: 6.55 min Scan# 434

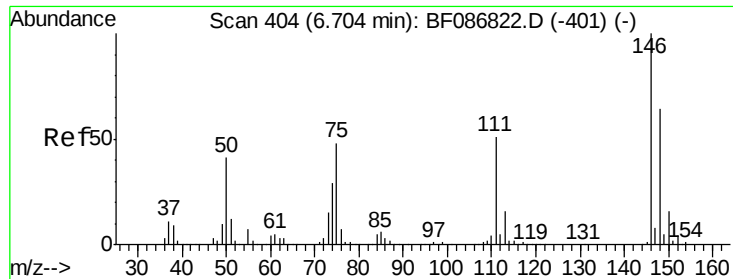
Delta R.T. 0.00 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Tgt Ion:	146	Resp:	364011
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.4	78.6
75	36.2	22.8	34.2#





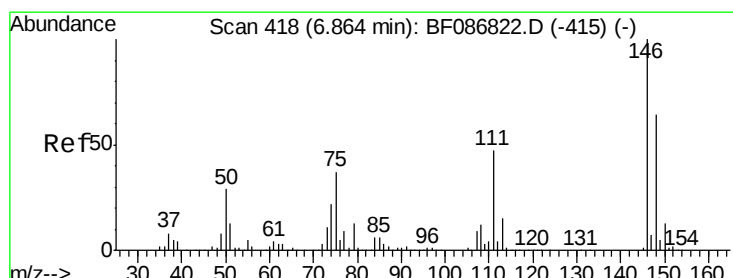
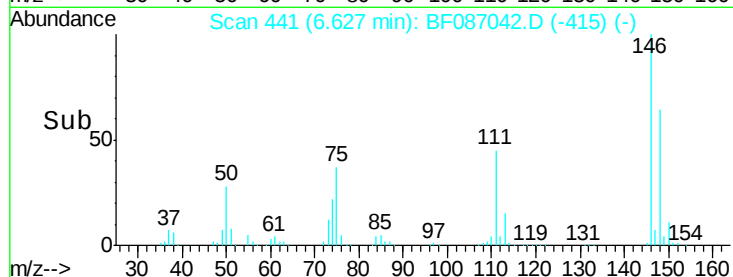
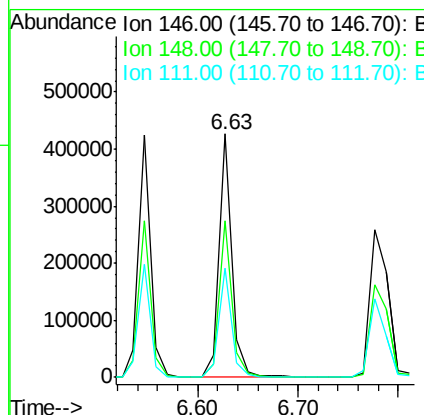
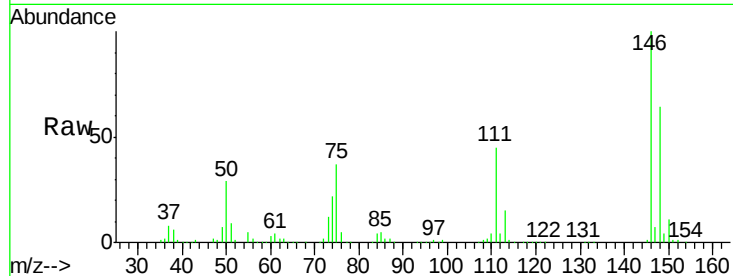
#13
 1,4-Dichlorobenzene
 Concen: 33.84 ng
 RT: 6.63 min Scan# 441
 Delta R.T. 0.00 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90575BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	379370		
148	64.3	52.2	78.4	
111	45.1	30.7	46.1	

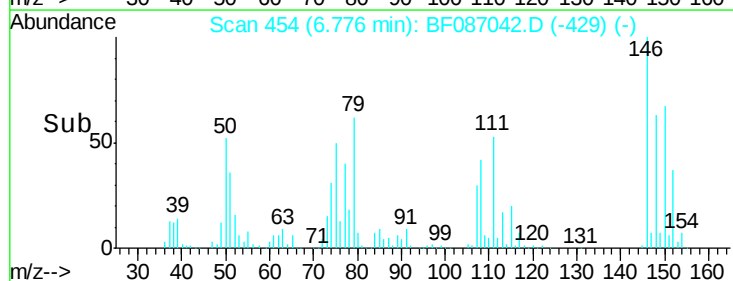
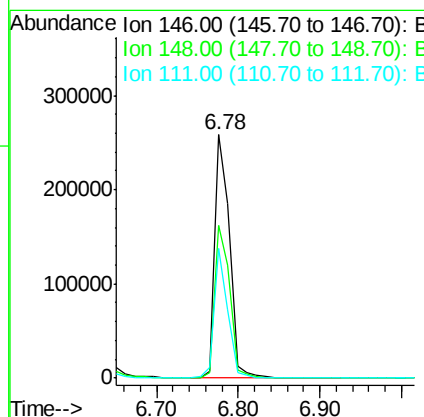
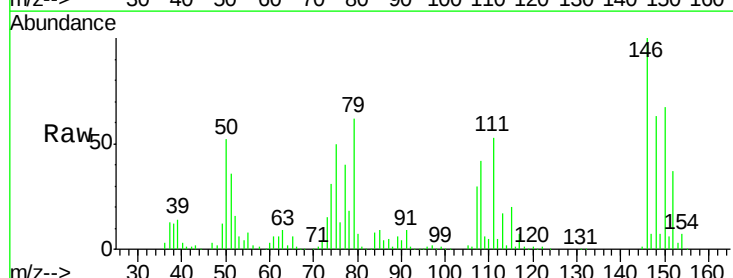
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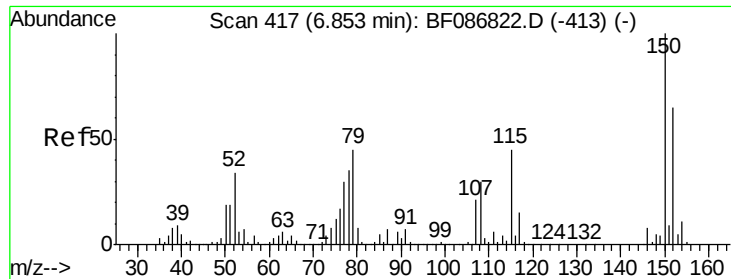
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#14
 1,2-Dichlorobenzene
 Concen: 33.72 ng
 RT: 6.78 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	329544		
148	62.5	51.0	76.6	
111	53.1	36.2	54.4	





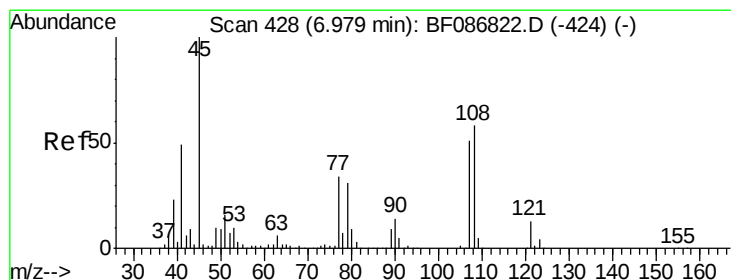
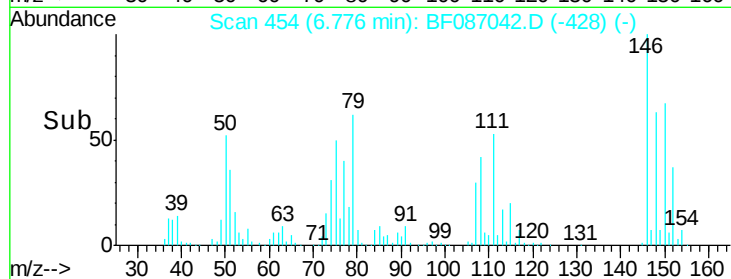
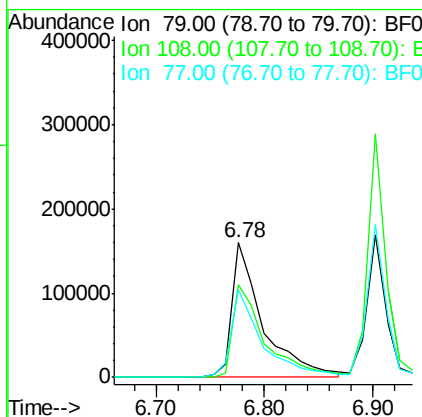
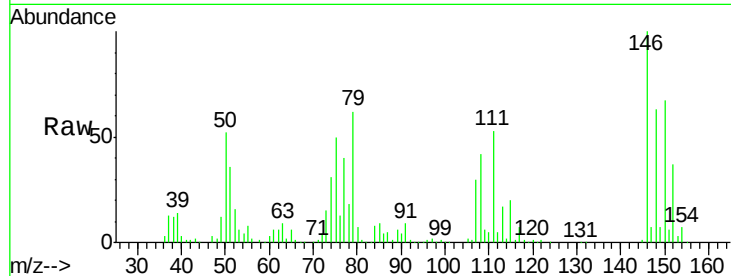
#15
Benzyl Alcohol
Concen: 40.16 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

Instrument :
BNA_F
ClientSampleId :
PB90575BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	312055		
108	68.9	68.4	102.6	
77	65.4	50.6	76.0	

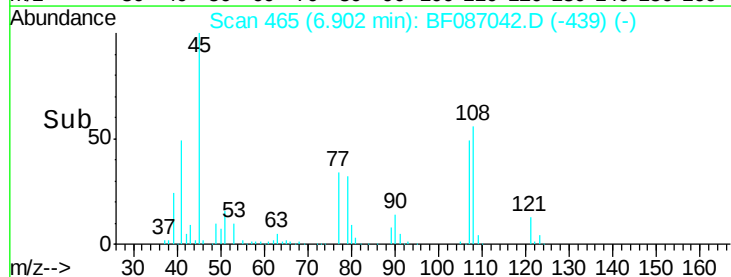
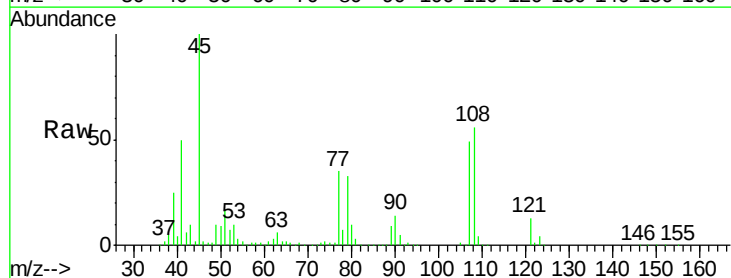
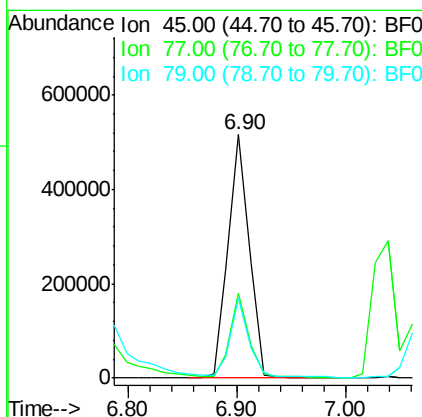
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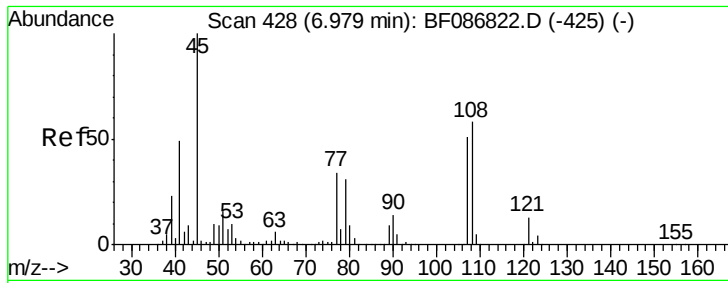
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.61 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	694139		
77	35.1	0.0	36.4	
79	32.8	0.0	33.4	





#17

2-Methylphenol

Concen: 35.91 ng

RT: 6.90 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF087042.D

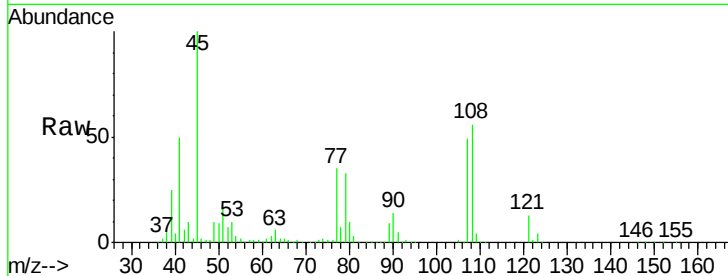
Acq: 15 May 2016 2:00

Instrument :

BNA_F

ClientSampleId :

PB90575BS



Tgt Ion:107 Resp: 290304

Ion Ratio Lower Upper

107 100

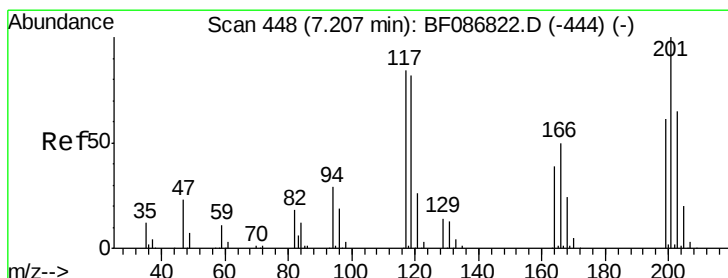
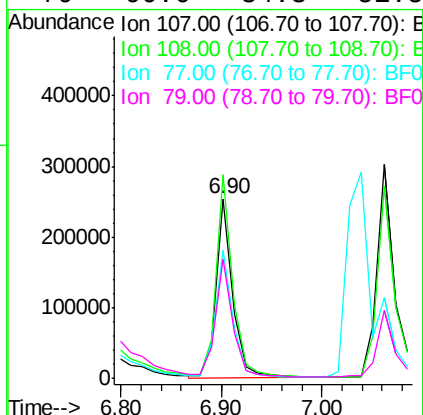
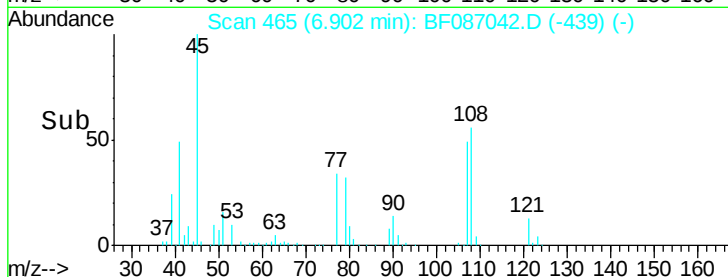
108 113.7 93.7 140.5

77 71.3 33.4 50.0#

79 66.6 34.3 51.5#

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#18

Hexachloroethane

Concen: 33.73 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

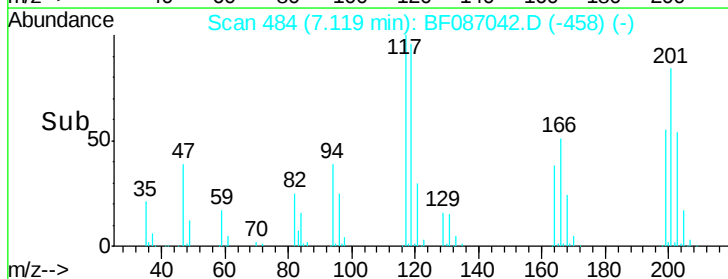
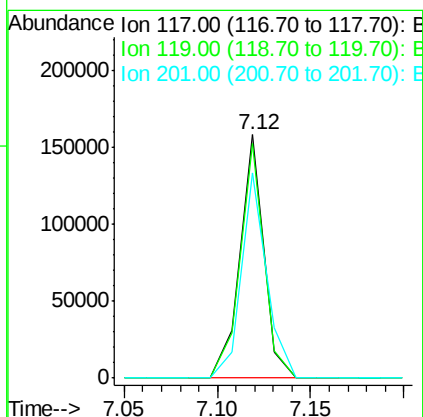
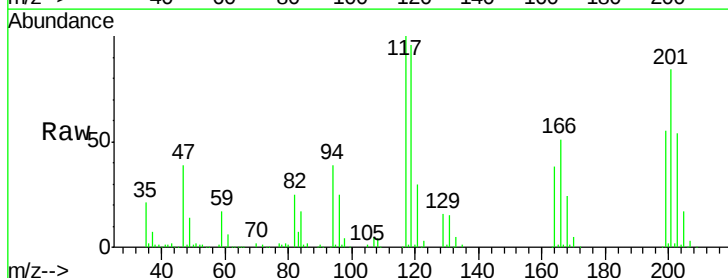
Tgt Ion:117 Resp: 142281

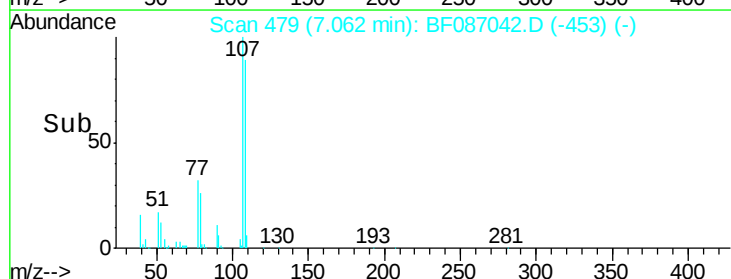
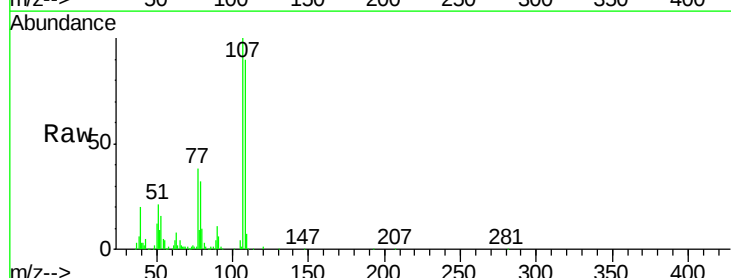
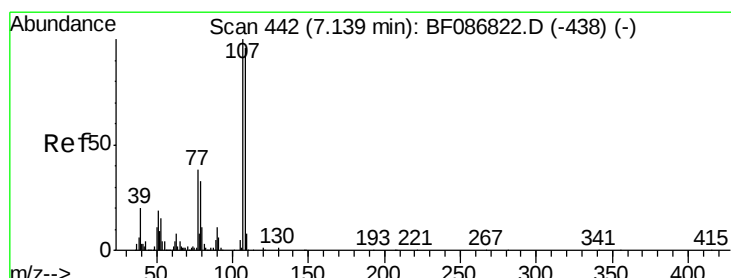
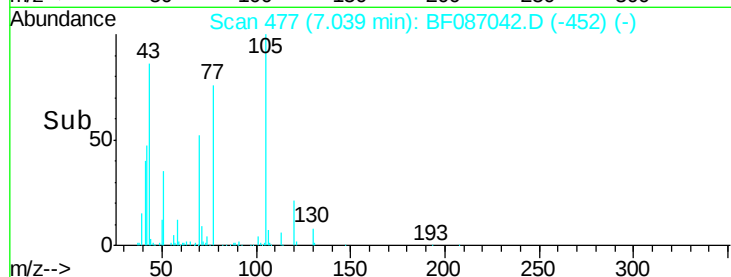
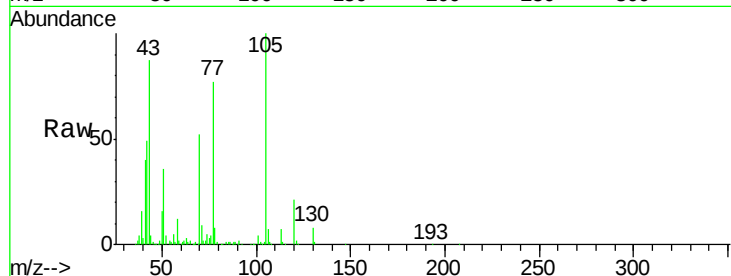
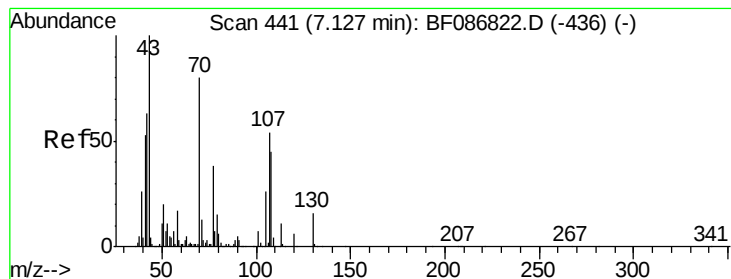
Ion Ratio Lower Upper

117 100

119 96.2 76.5 114.7

201 84.2 63.0 94.6





#19

n-Nitroso-di-n-propylamine

Concen: 33.20 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Instrument :

BNA_F

ClientSampleId :

PB90575BS

Tgt Ion: 70 Resp: 261055

Ion Ratio Lower Upper

70 100

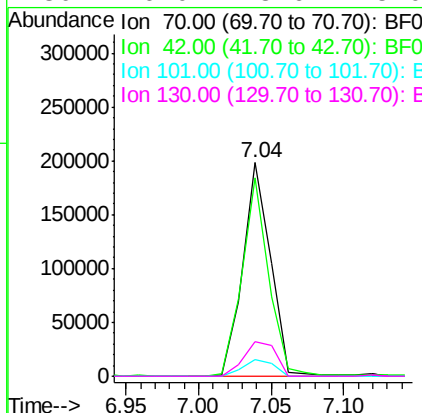
42 93.2 43.1 64.7#

101 7.8 8.1 12.1#

130 16.0 18.6 28.0#

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#20

3+4-Methylphenols

Concen: 36.61 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Tgt Ion: 107 Resp: 386567

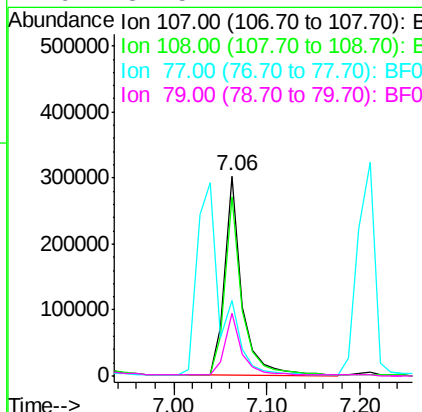
Ion Ratio Lower Upper

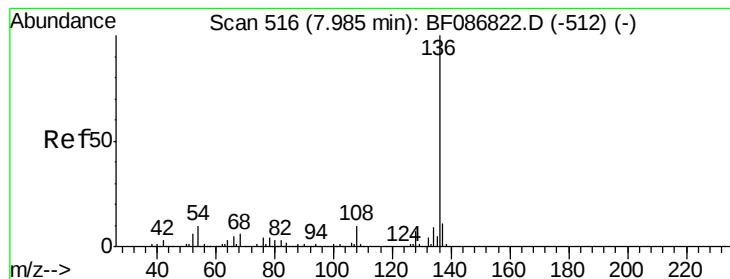
107 100

108 90.1 68.5 108.5

77 37.8 101.6 141.6#

79 31.5 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: BF087042.D

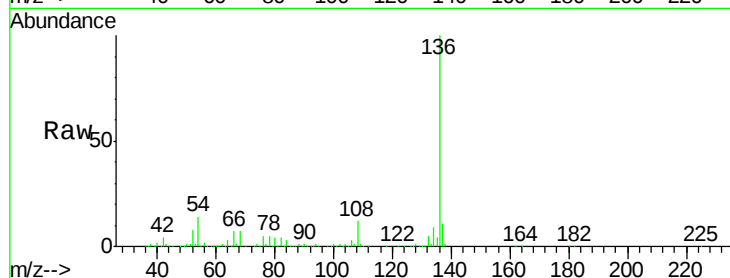
Acq: 15 May 2016 2:00

Instrument :

BNA_F

ClientSampleId :

PB90575BS



Tgt Ion:136 Resp: 579034

Ion Ratio Lower Upper

136 100

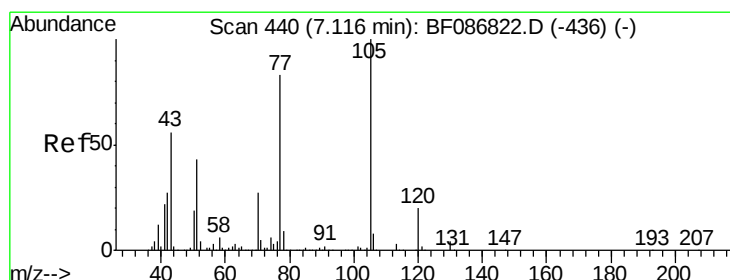
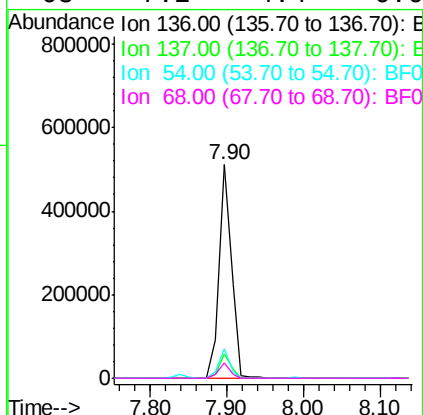
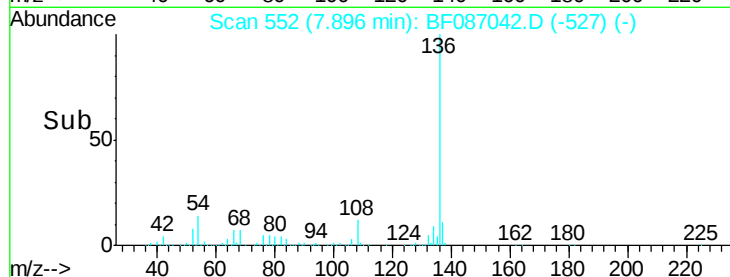
137 11.2 8.8 13.2

54 13.8 5.0 7.4#

68 7.2 4.4 6.6#

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#22

Acetophenone

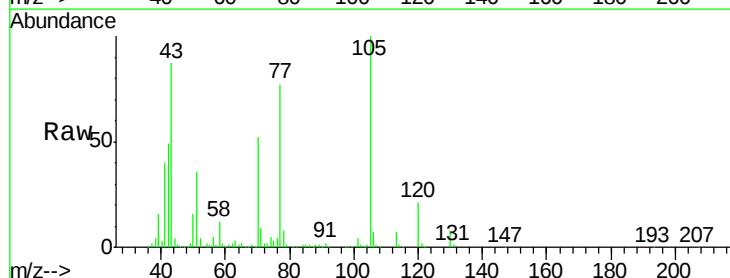
Concen: 37.10 ng

RT: 7.04 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00



Tgt Ion:105 Resp: 507368

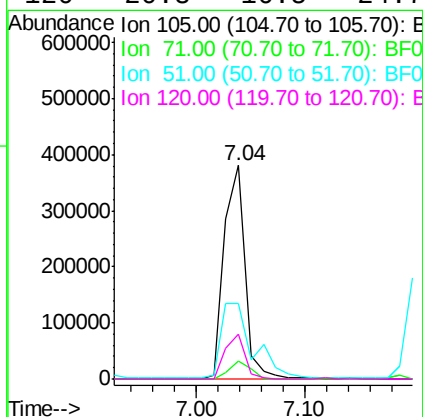
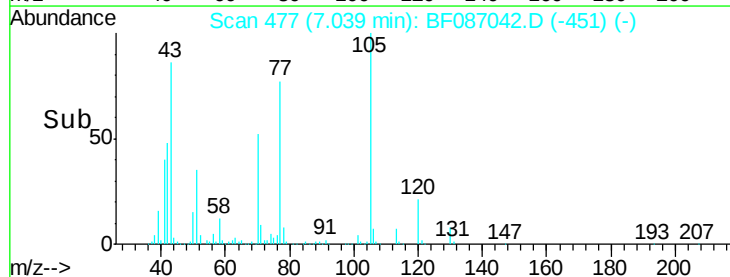
Ion Ratio Lower Upper

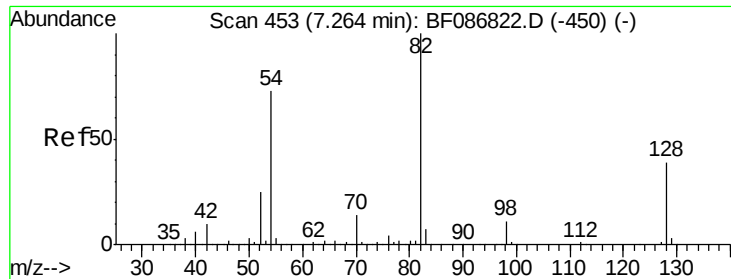
105 100

71 8.7 4.8 7.2#

51 35.5 32.6 49.0

120 20.8 16.5 24.7





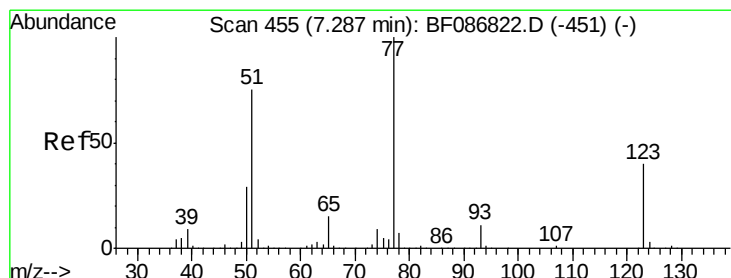
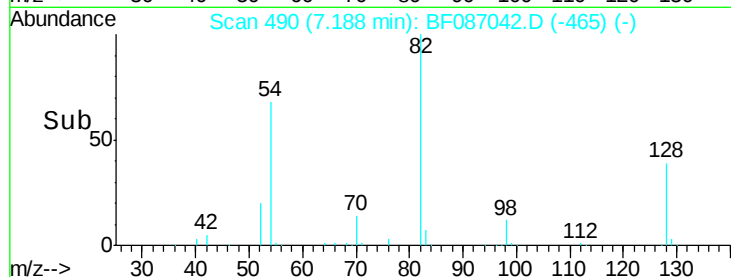
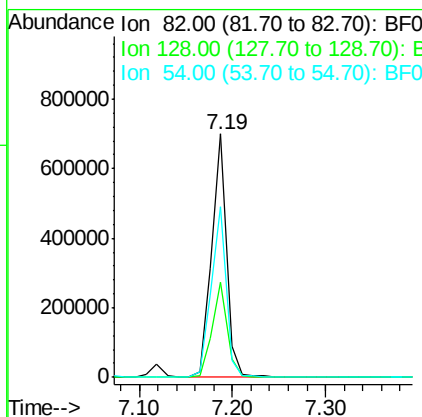
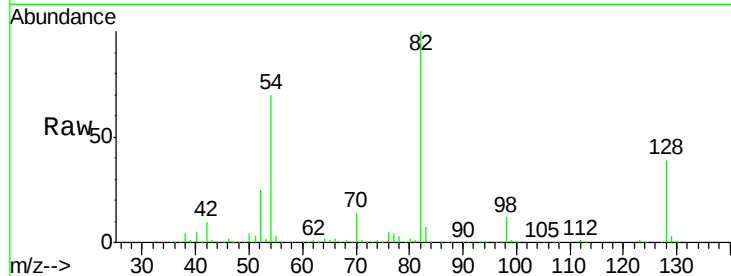
#23
 Nitrobenzene-d5
 Concen: 68.26 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90575BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	38.9	40.6	61.0#
54	70.3	38.1	57.1#

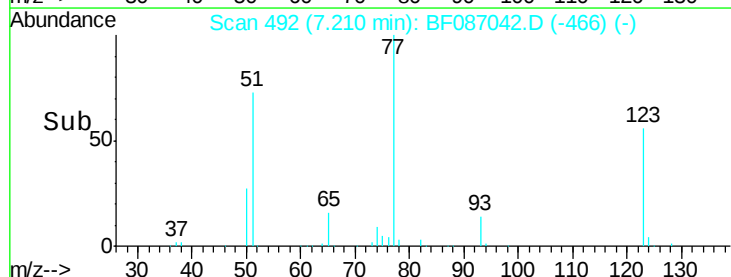
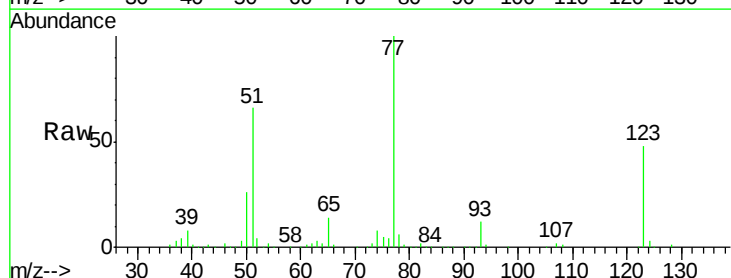
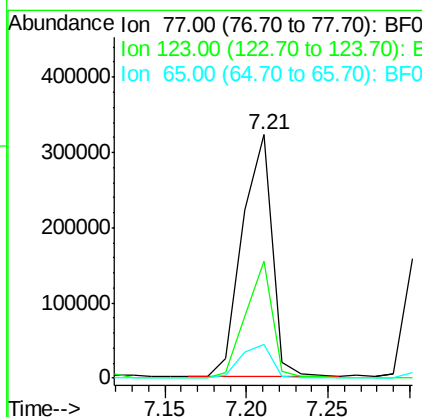
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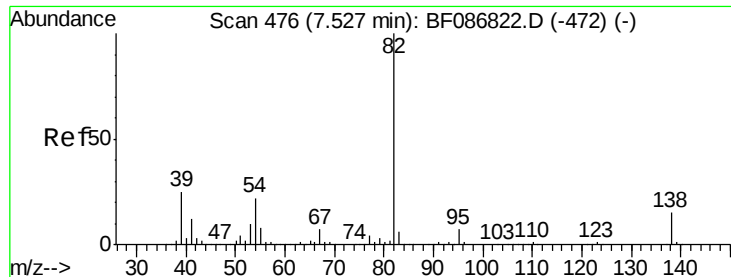
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#24
 Nitrobenzene
 Concen: 34.49 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	47.9	33.0	49.4
65	14.0	10.8	16.2





#25

Isophorone

Concen: 34.15 ng

RT: 7.45 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Instrument :

BNA_F

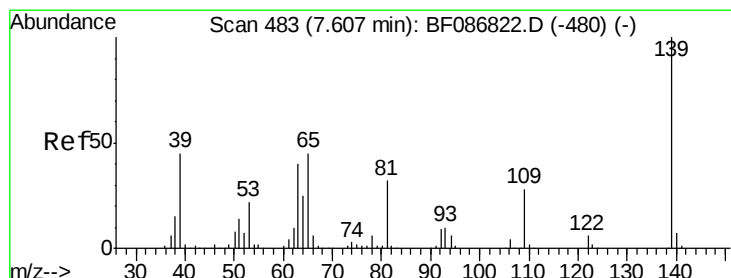
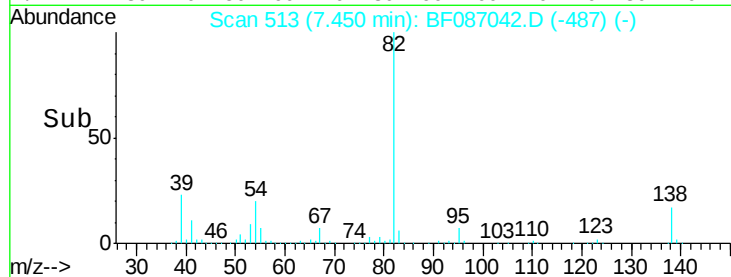
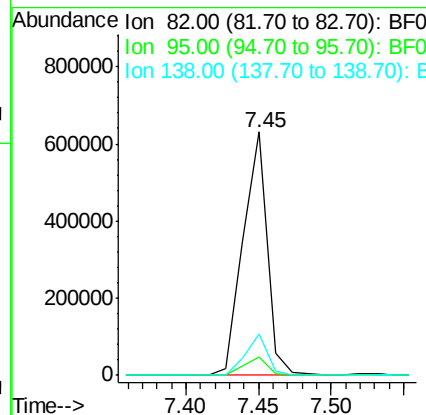
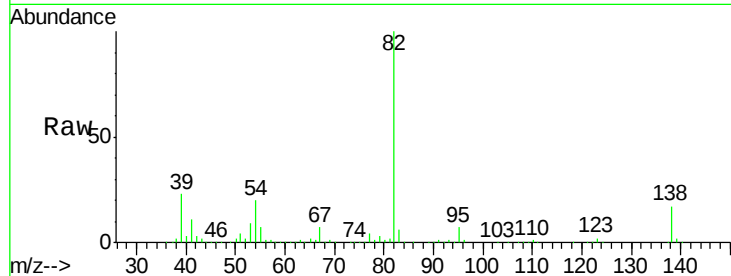
ClientSampleId :

PB90575BS

Tgt Ion:	82	Resp:	730633
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.1	7.7
138	17.1	12.4	18.6

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#26

2-Nitrophenol

Concen: 33.69 ng

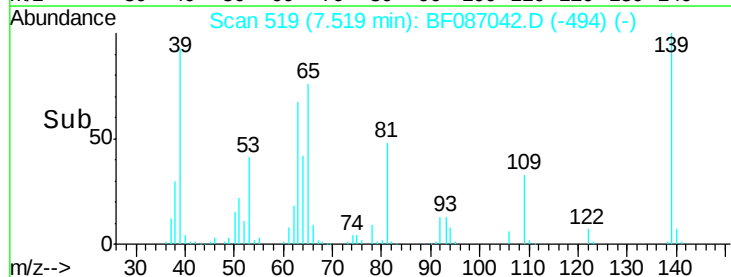
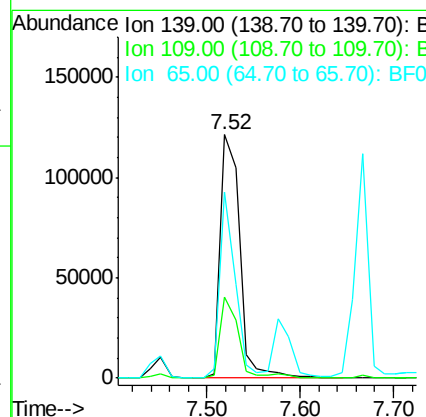
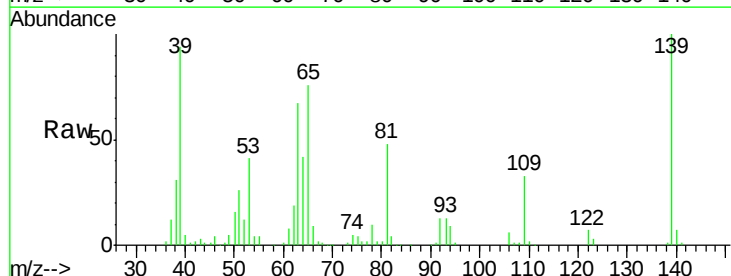
RT: 7.52 min Scan# 519

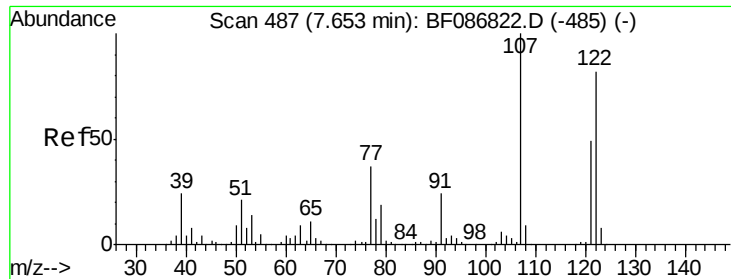
Delta R.T. -0.01 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Tgt Ion:	139	Resp:	175666
Ion Ratio	Lower	Upper	
139	100		
109	33.4	19.5	29.3#
65	76.3	37.5	56.3#





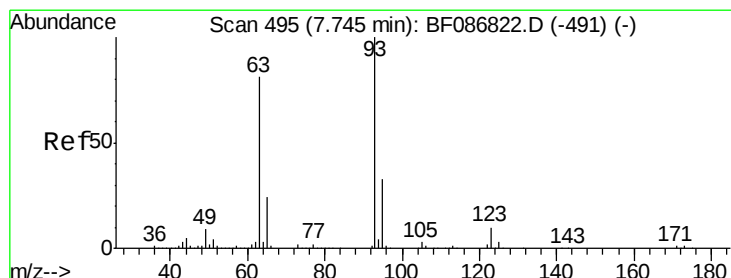
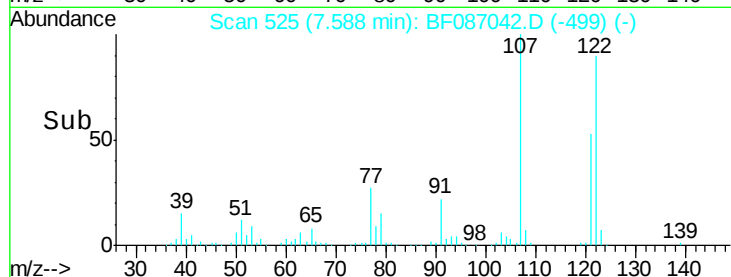
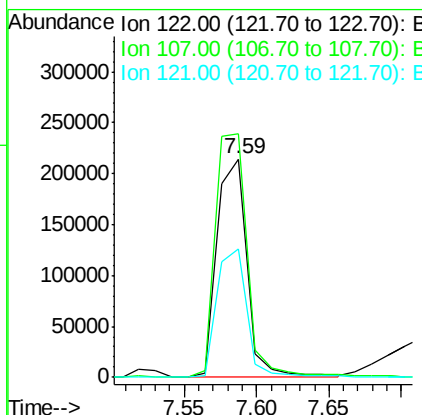
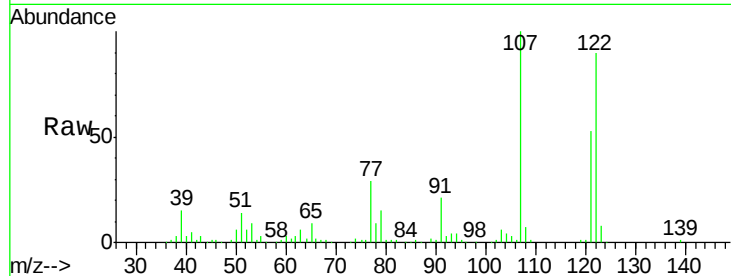
#27
 2,4-Dimethylphenol
 Concen: 34.55 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90575BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	306921		
107	111.6	82.0	123.0	
121	58.7	46.1	69.1	

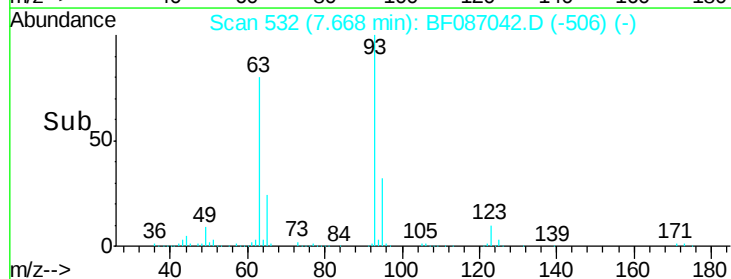
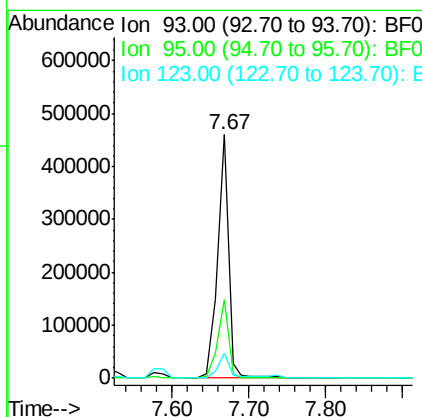
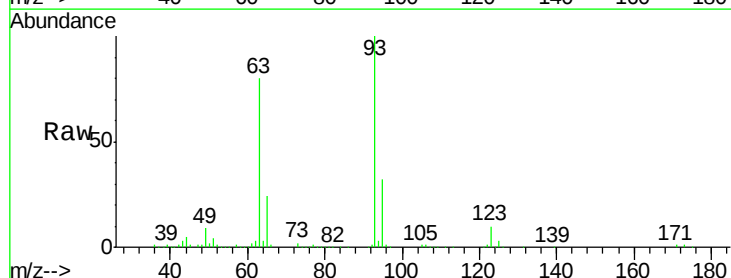
Manual Integrations
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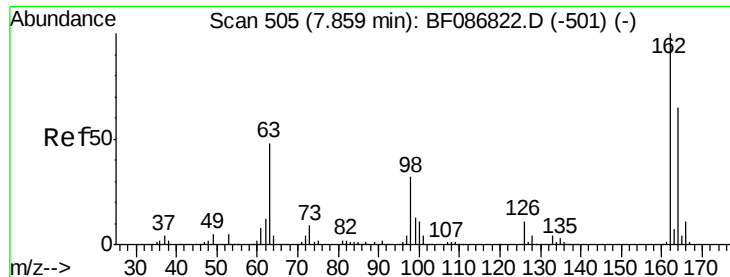
sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.07 ng
 RT: 7.67 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	450938		
95	32.4	26.0	39.0	
123	10.2	9.5	14.3	





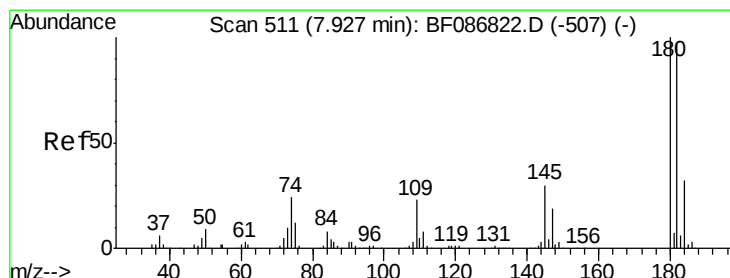
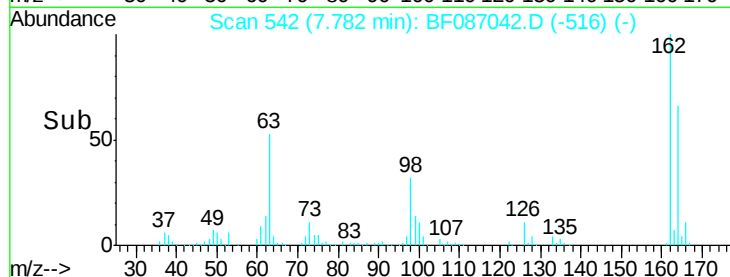
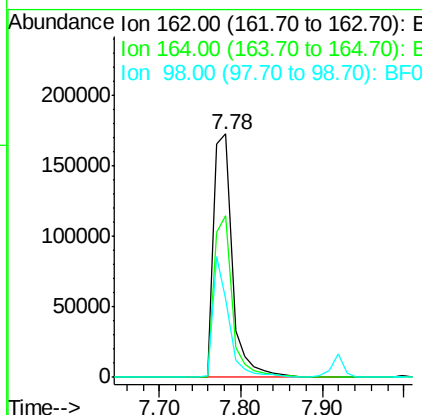
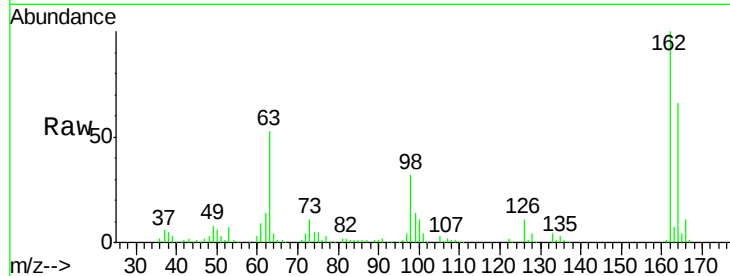
#29
 2,4-Dichlorophenol
 Concen: 35.73 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90575BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	279307		
164	66.4	42.2	82.2	
98	32.4	19.0	59.0	

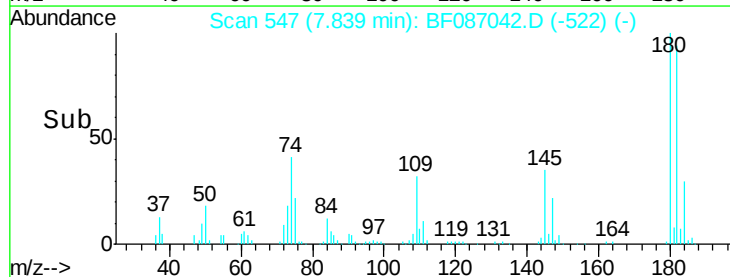
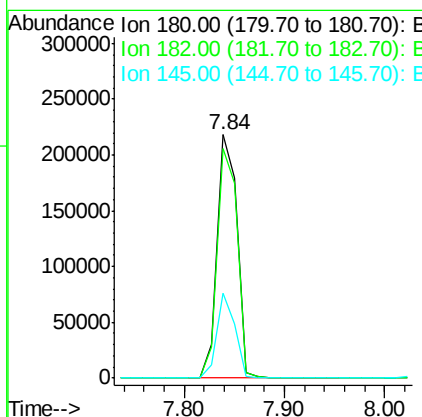
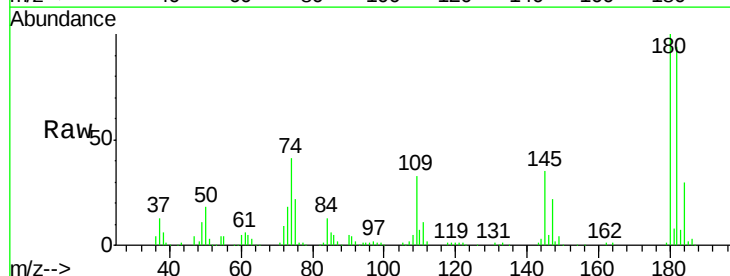
Manual Integrations
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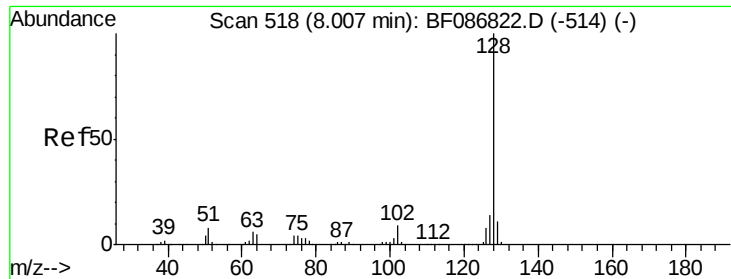
sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 34.23 ng
 RT: 7.84 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	299221		
182	94.0	78.0	117.0	
145	34.7	24.2	36.2	





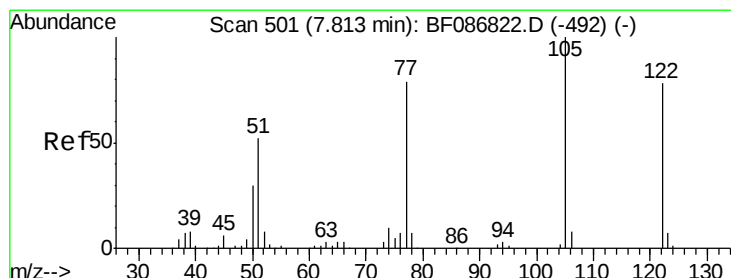
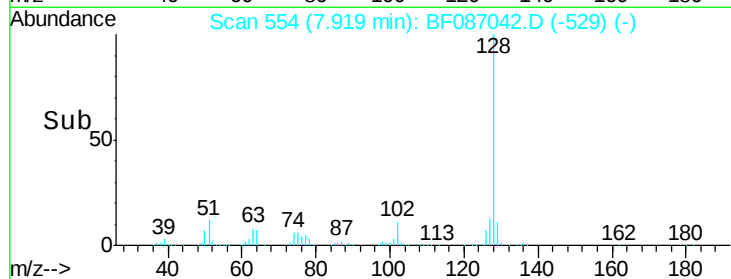
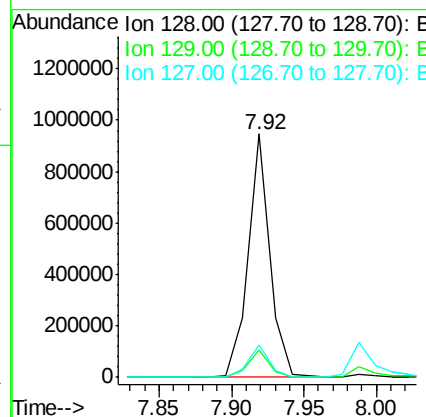
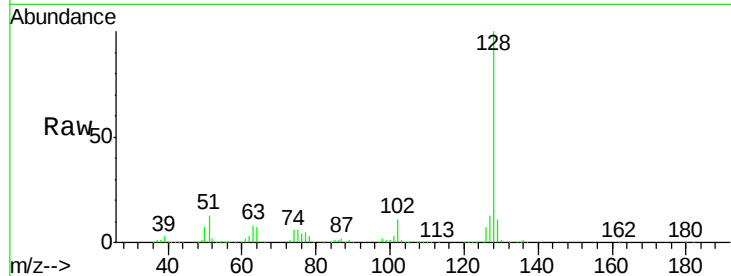
#31
Naphthalene
Concen: 33.97 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

Instrument :
BNA_F
ClientSampleId :
PB90575BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.2	8.6	13.0
127	13.3	10.8	16.2

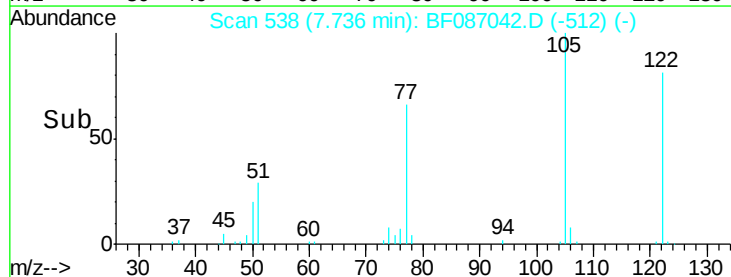
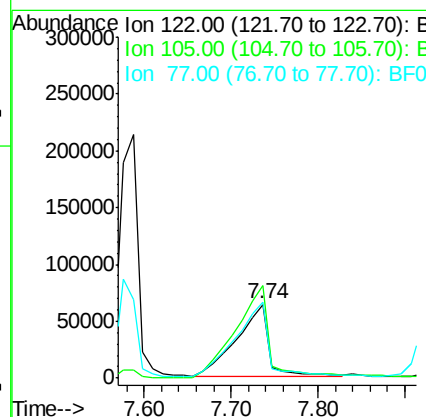
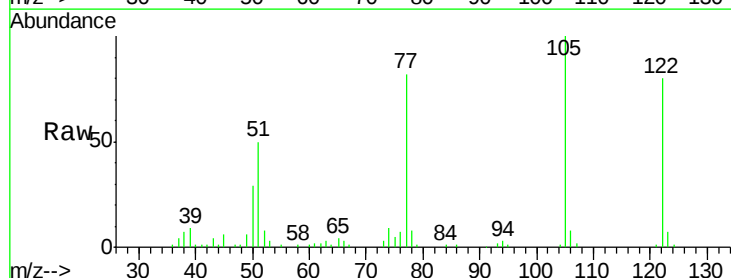
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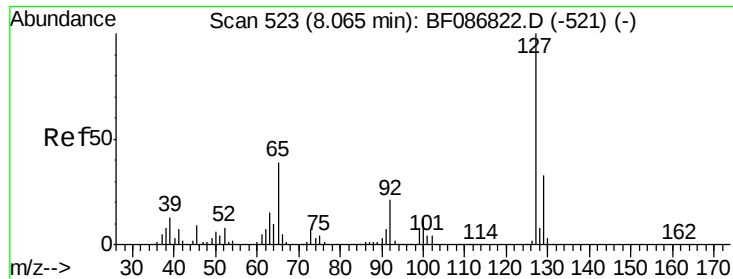
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#32
Benzoic acid
Concen: 31.56 ng
RT: 7.74 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	125.1	92.6	132.6
77	102.6	60.0	100.0#





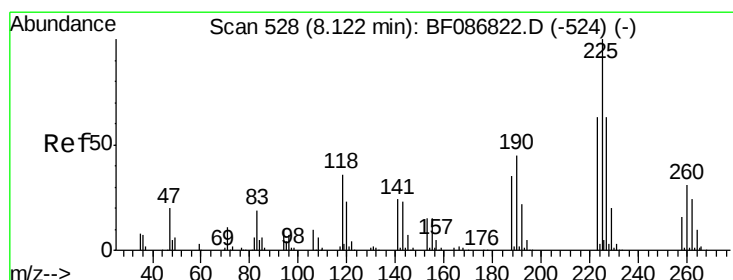
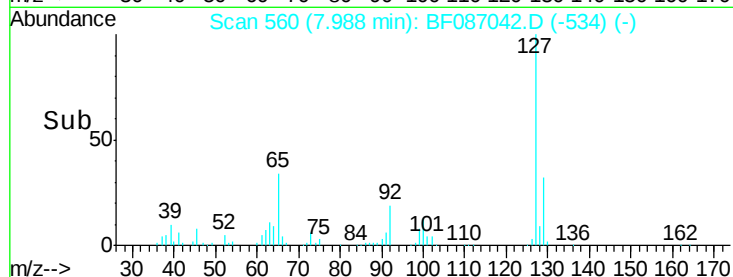
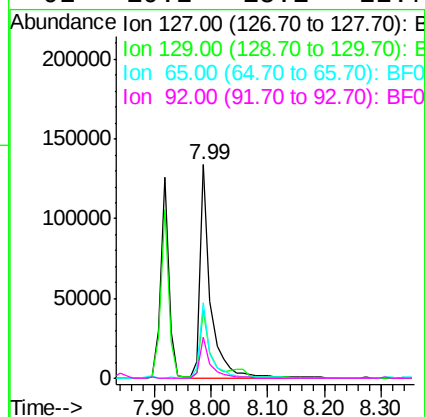
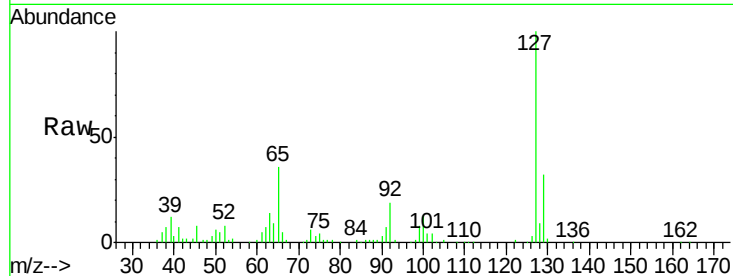
#33
4-Chloroaniline
Concen: 14.96 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

Instrument :
BNA_F
ClientSampleId :
PB90575BS

Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	31.9	26.2	39.4
65	35.6	23.0	34.4
92	19.2	15.1	22.7

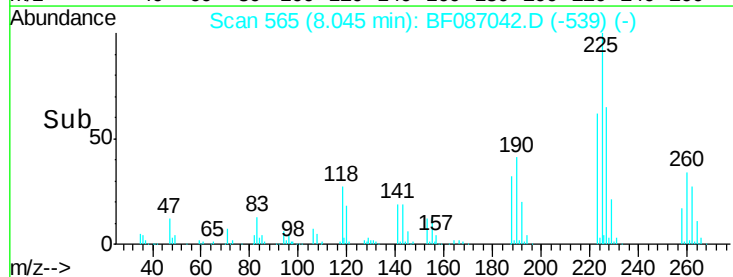
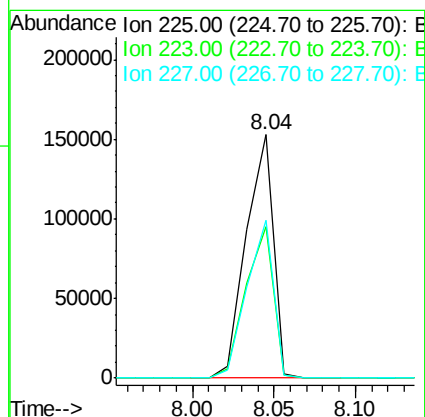
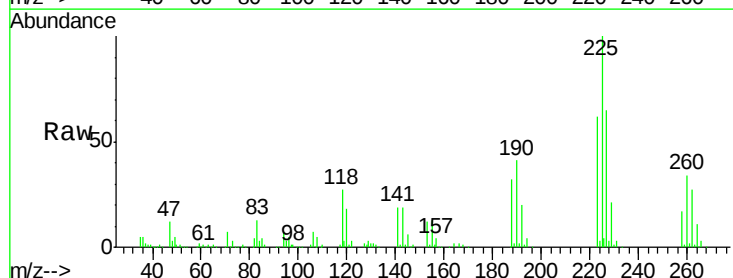
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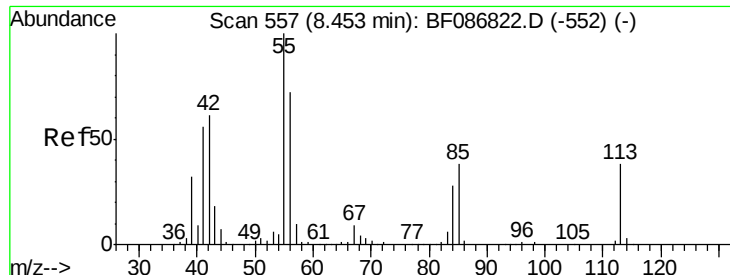
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#34
Hexachlorobutadiene
Concen: 34.78 ng
RT: 8.04 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.0	51.5	77.3
227	65.1	52.2	78.2





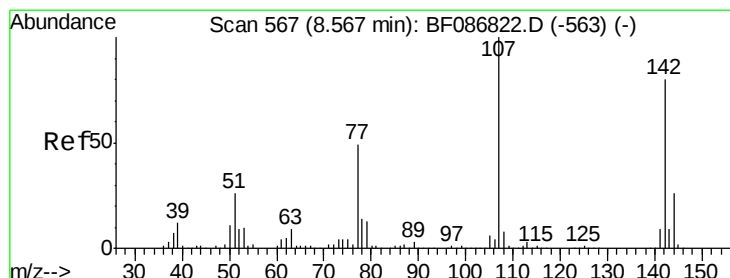
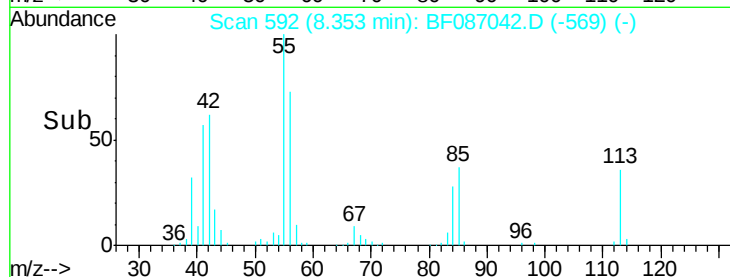
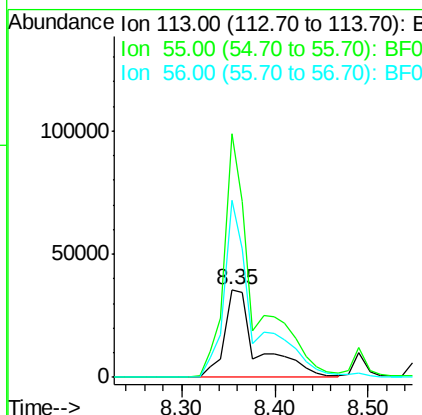
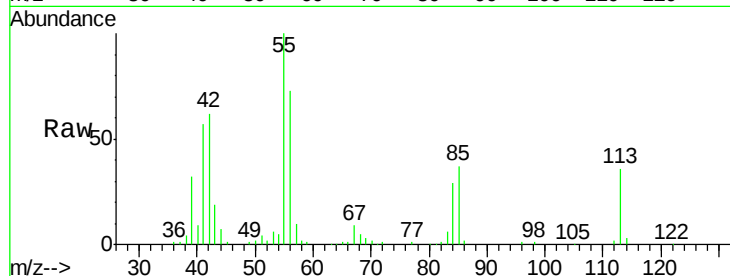
#35
 Caprolactam
 Concen: 33.79 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.03 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90575BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	277.7	162.0	202.0#	
56	201.8	115.3	155.3#	

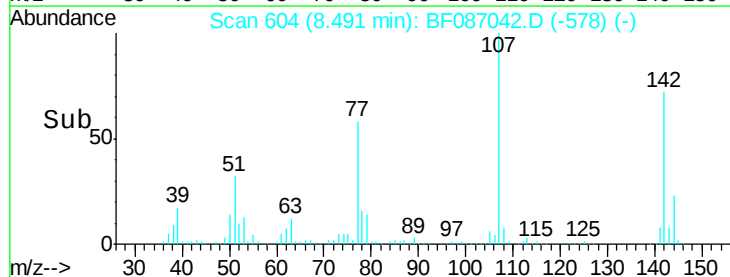
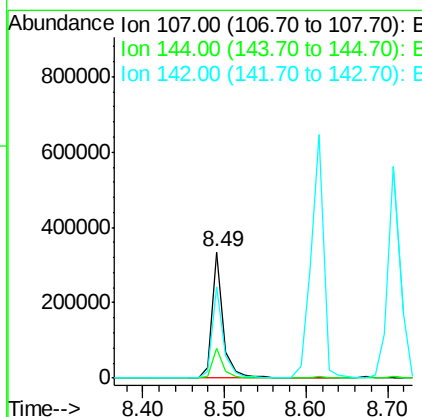
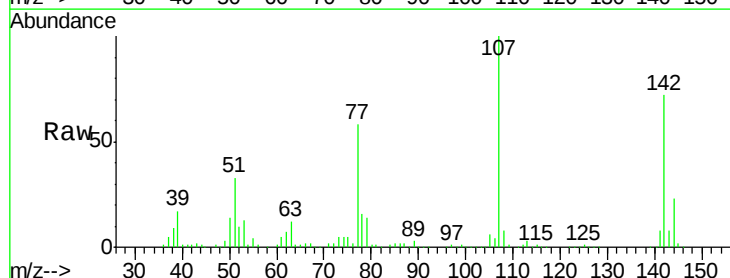
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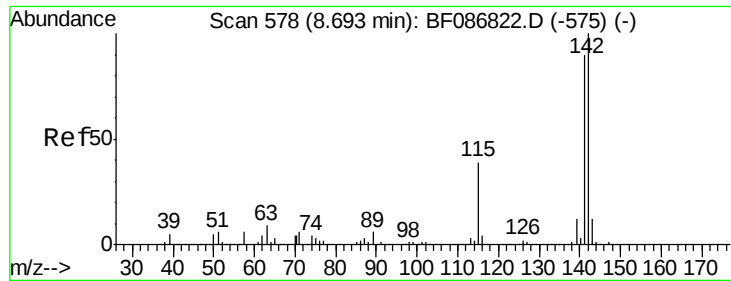
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#36
 4-Chloro-3-methylphenol
 Concen: 34.57 ng
 RT: 8.49 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	23.4	20.7	31.1	
142	72.1	63.2	94.8	





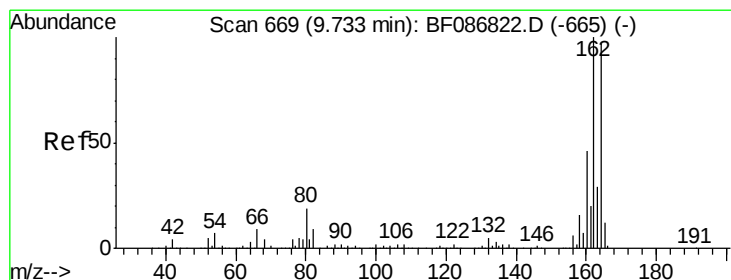
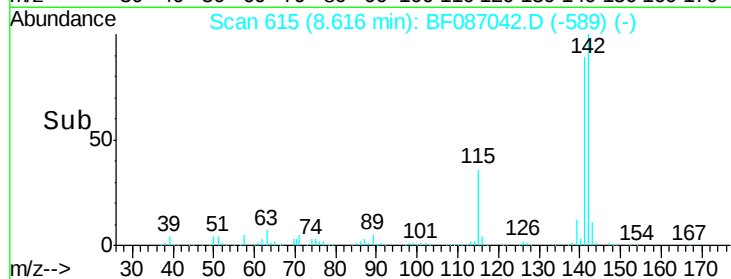
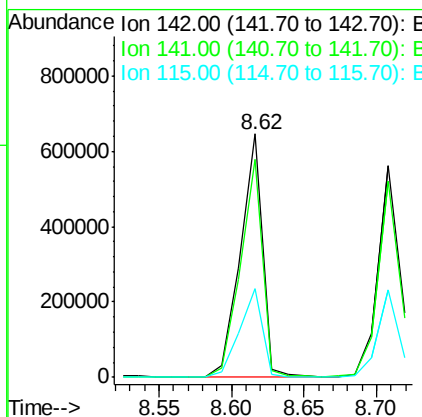
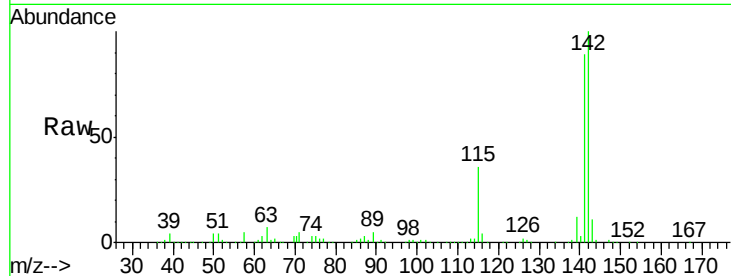
#37
2-Methylnaphthalene
Concen: 40.11 ng
RT: 8.62 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

Instrument :
BNA_F
ClientSampleId :
PB90575BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	680076		
141	89.4	71.0	106.6	
115	36.4	26.6	39.8	

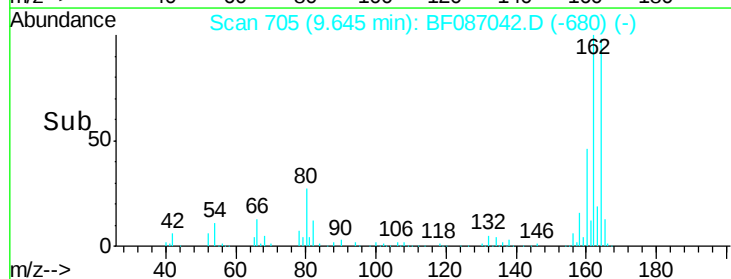
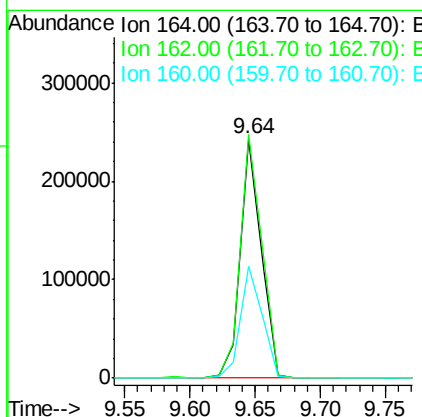
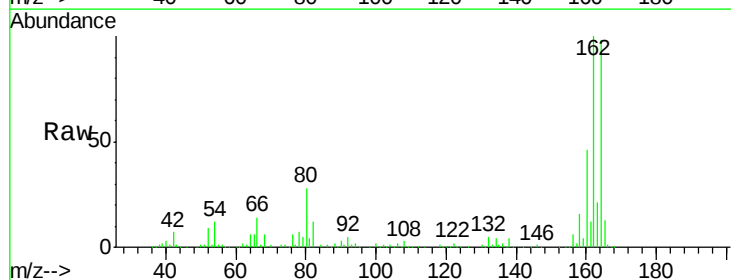
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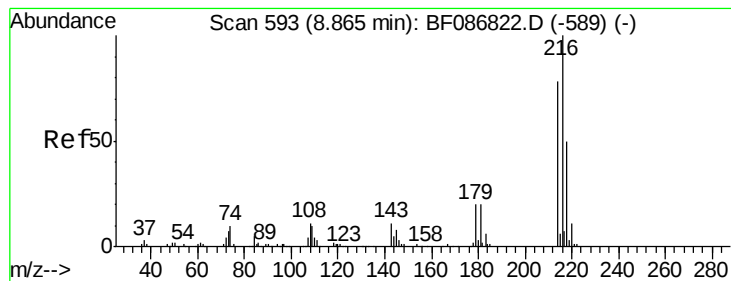
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	268250		
162	101.9	82.8	124.2	
160	46.6	36.9	55.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.59 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF087042.D

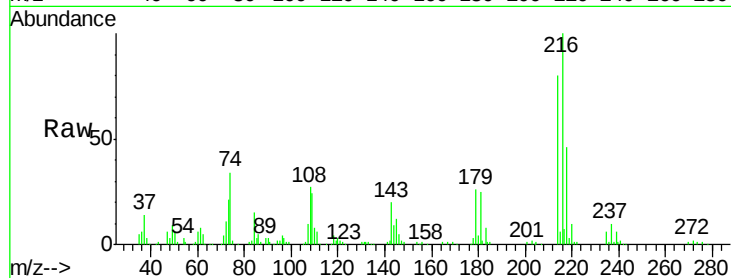
Acq: 15 May 2016 2:00

Instrument :

BNA_F

ClientSampleId :

PB90575BS



Tgt Ion: 216 Resp: 261982

Ion Ratio Lower Upper

216 100

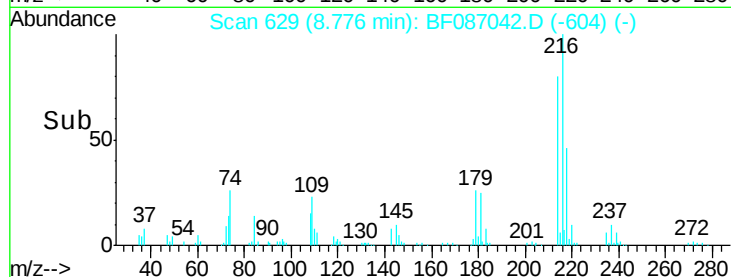
214 79.2 62.6 93.8

179 23.4 18.2 27.4

108 26.1 17.5 26.3

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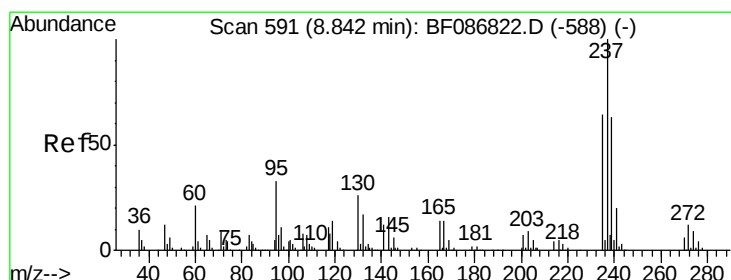
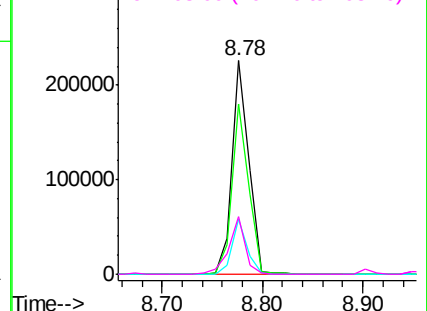


Abundance Ion 216.00 (215.70 to 216.70): E

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: 62.85 ng

RT: 8.76 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

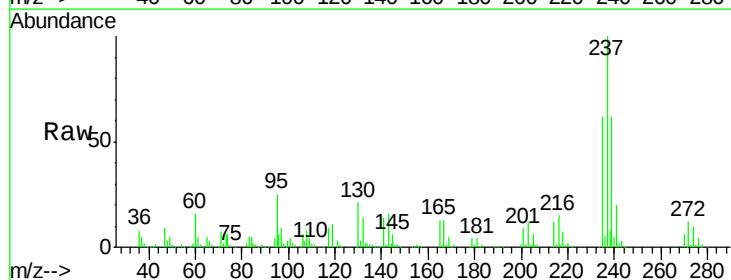
Tgt Ion: 237 Resp: 232661

Ion Ratio Lower Upper

237 100

235 61.7 47.2 87.2

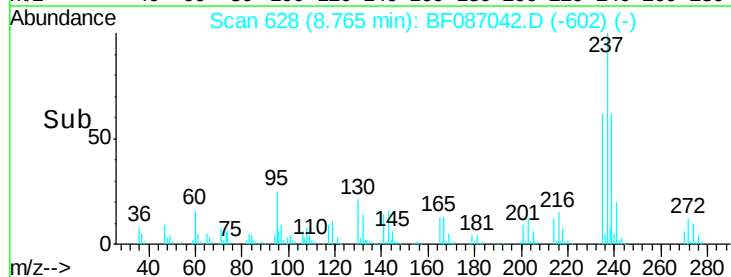
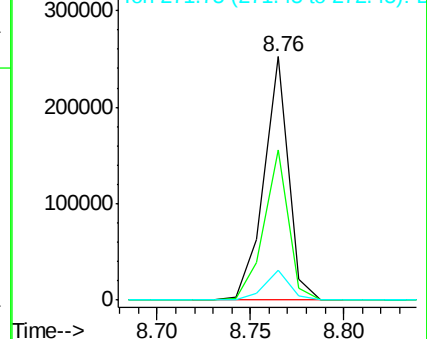
272 12.1 0.0 31.1

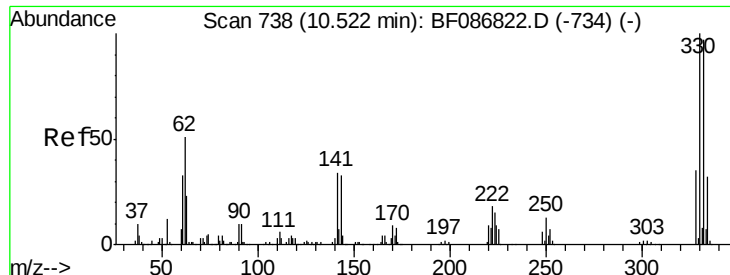


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





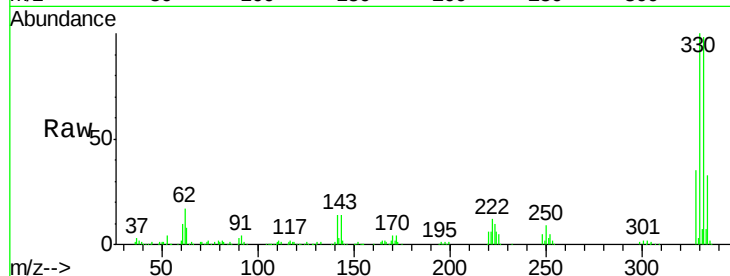
#41
 2,4,6-Tribromophenol
 Concen: 110.05 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90575BS

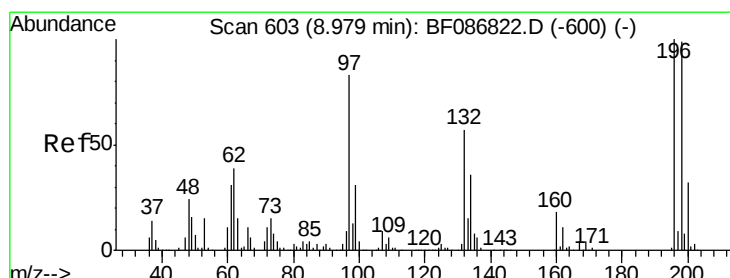
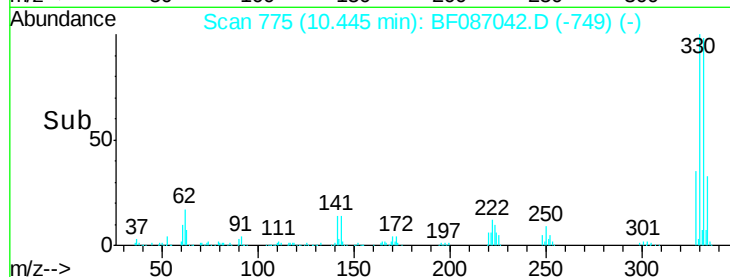
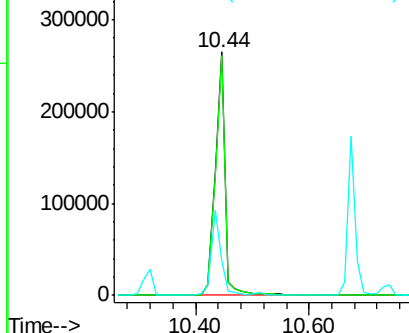
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	312539		
332	98.0	79.0	118.4	
141	33.2	31.2	46.8	

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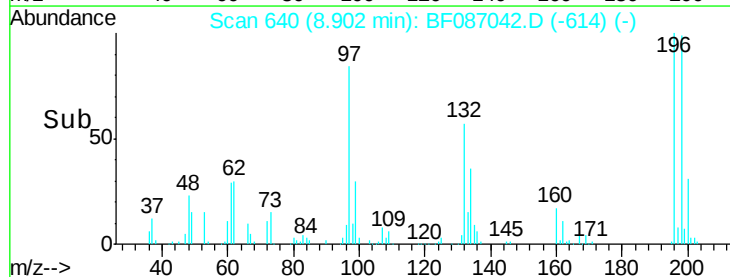
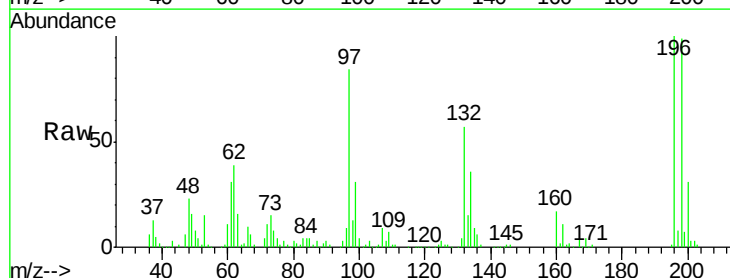
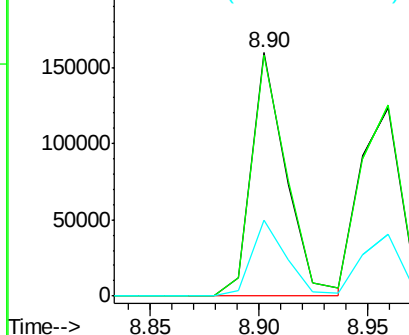
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

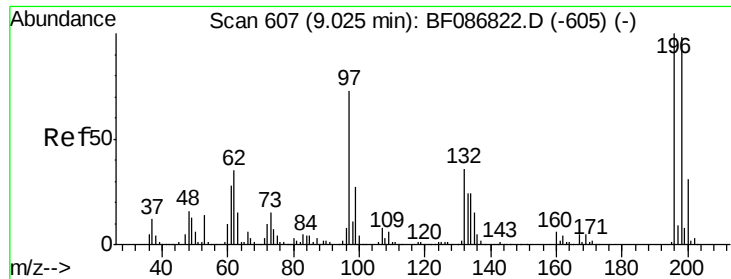


#42
 2,4,6-Trichlorophenol
 Concen: 34.02 ng
 RT: 8.90 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	177424		
198	99.0	74.7	112.1	
200	31.2	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





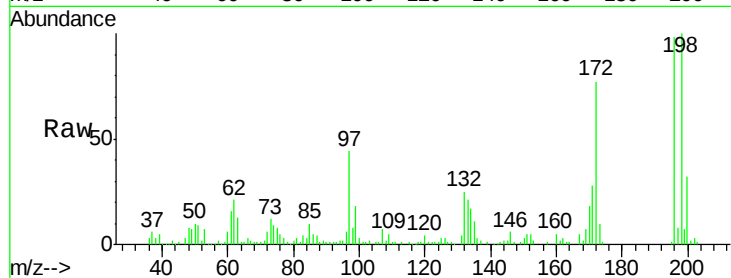
#43
 2,4,5-Trichlorophenol
 Concen: 32.85 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Instrument :
 BNA_F
 ClientSampleID :
 PB90575BS

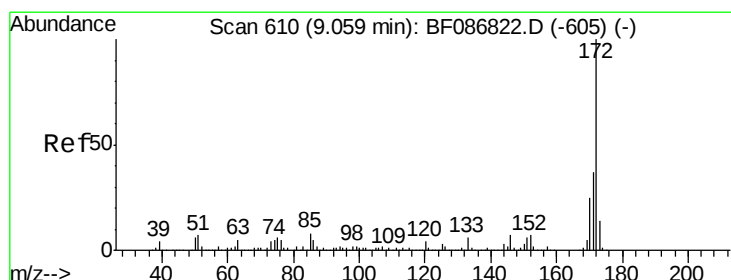
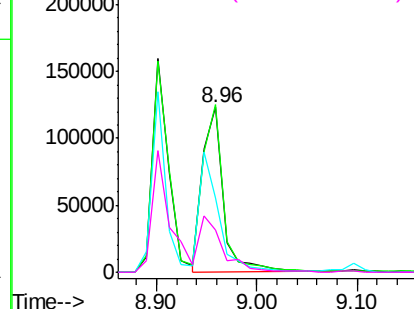
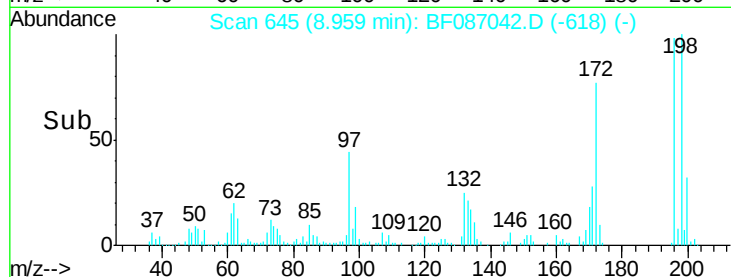
Tgt Ion:	196	Resp:	177156
Ion Ratio	Lower	Upper	
196	100		
198	101.8	77.5	116.3
97	44.8	34.8	52.2
132	25.2	23.0	34.4

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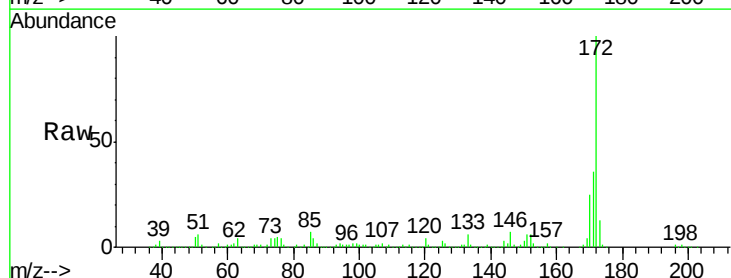


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

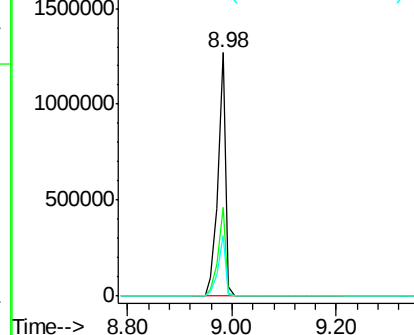
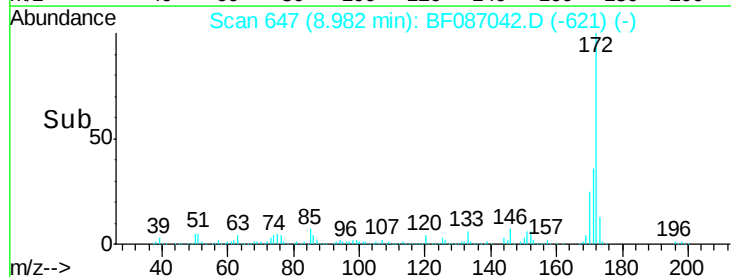


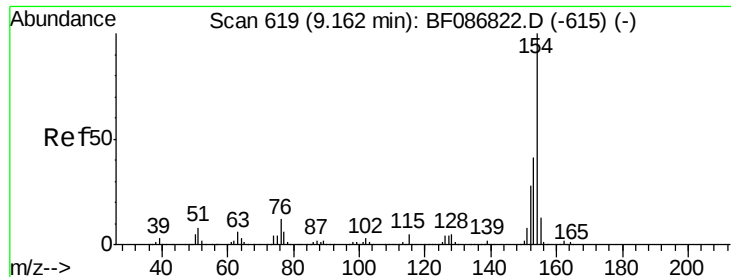
#44
 2-Fluorobiphenyl
 Concen: 81.09 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Tgt Ion:	172	Resp:	1294308
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.0	43.6
170	24.8	19.8	29.8



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





#45

1,1'-Biphenyl

Concen: 37.21 ng

RT: 9.07 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Instrument :

BNA_F

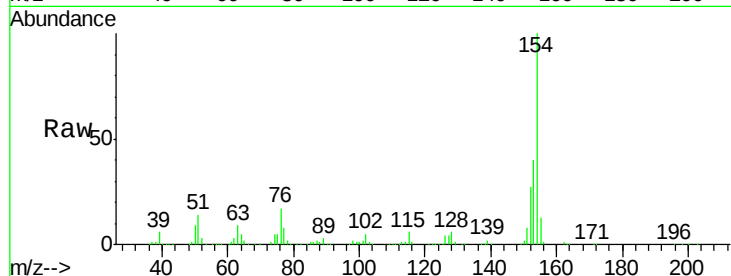
ClientSampleId :

PB90575BS

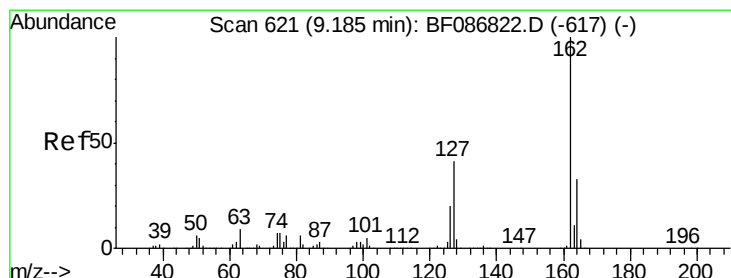
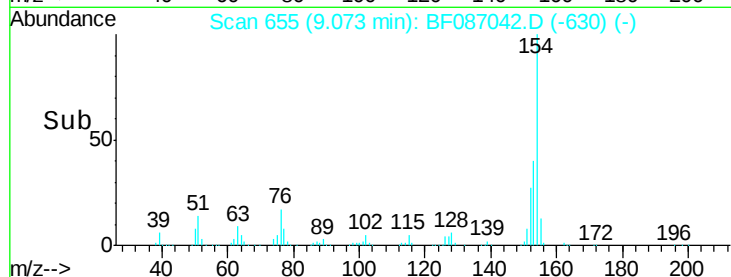
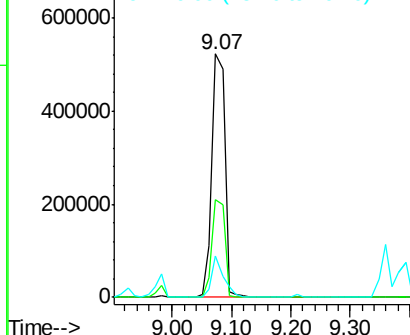
Tgt Ion:	154	Resp:	794000
Ion Ratio	Lower	Upper	
154	100		
153	40.3	20.3	60.3
76	17.1	0.0	30.2

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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: 35.02 ng

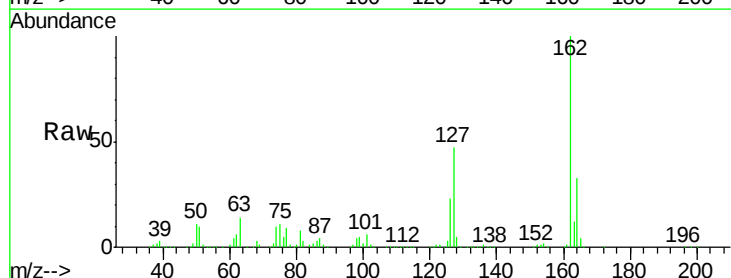
RT: 9.10 min Scan# 657

Delta R.T. -0.01 min

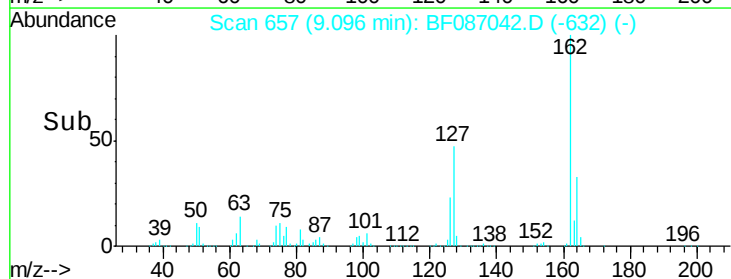
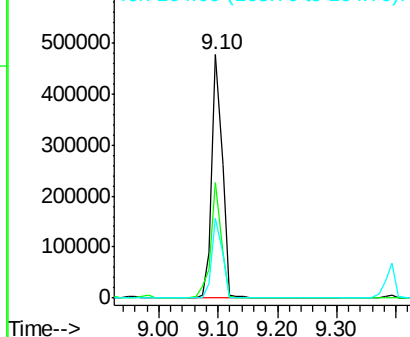
Lab File: BF087042.D

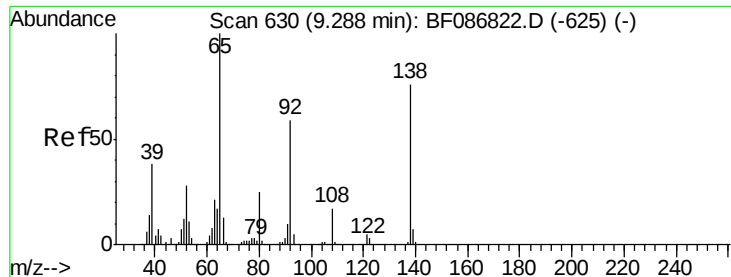
Acq: 15 May 2016 2:00

Tgt Ion:	162	Resp:	585462
Ion Ratio	Lower	Upper	
162	100		
127	47.3	31.8	47.6
164	32.6	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: 39.55 ng

RT: 9.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Instrument :

BNA_F

ClientSampleId :

PB90575BS

Tgt Ion: 65 Resp: 241606
Ion Ratio Lower Upper

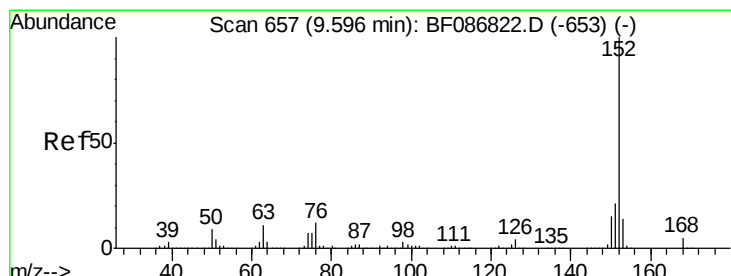
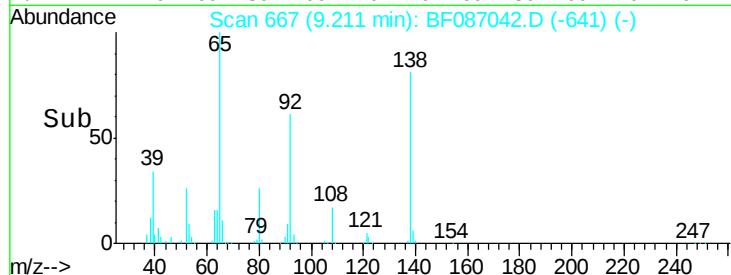
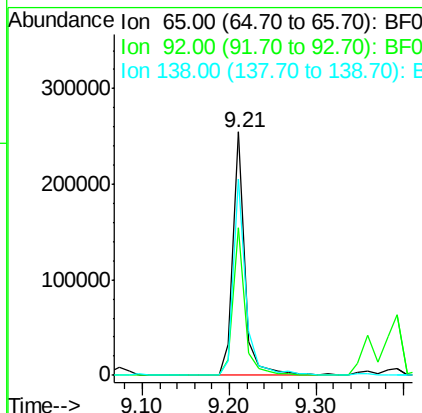
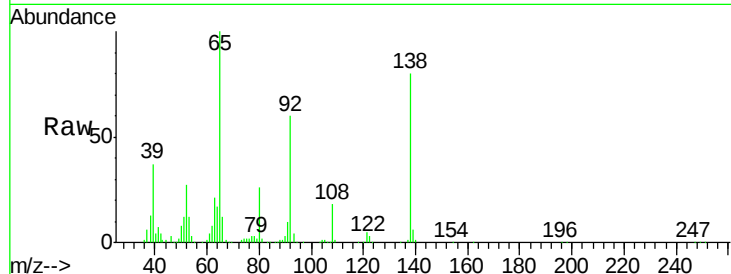
65 100

92 60.4 57.4 86.2

138 80.5 90.1 135.1#

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#48

Acenaphthylene

Concen: 36.31 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF087042.D

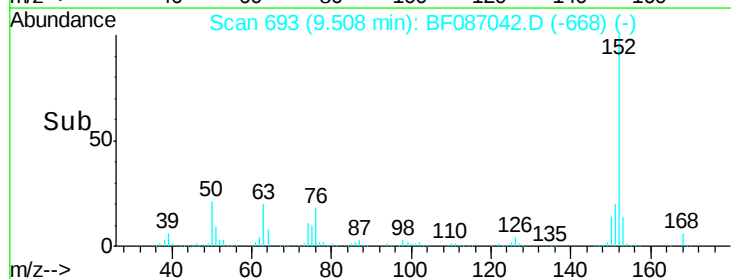
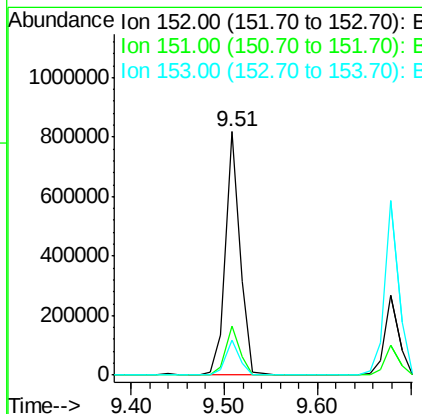
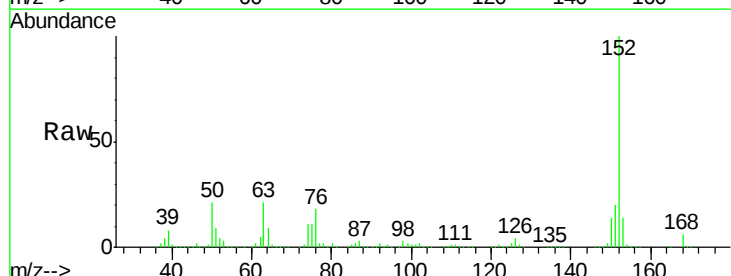
Acq: 15 May 2016 2:00

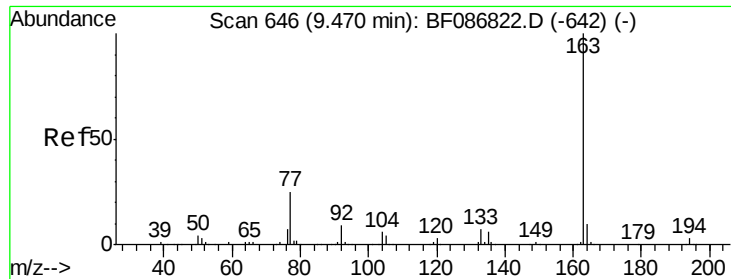
Tgt Ion: 152 Resp: 892818
Ion Ratio Lower Upper

152 100

151 20.1 16.8 25.2

153 14.2 10.9 16.3





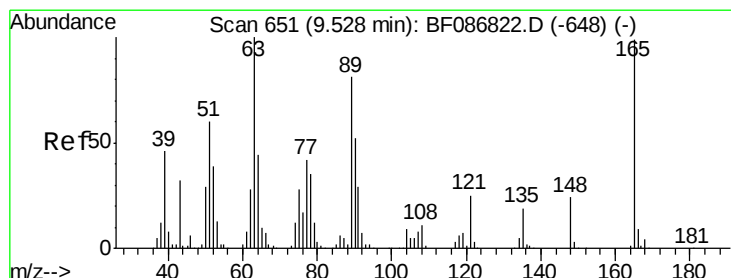
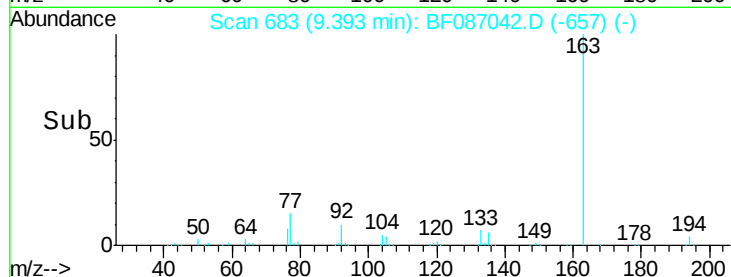
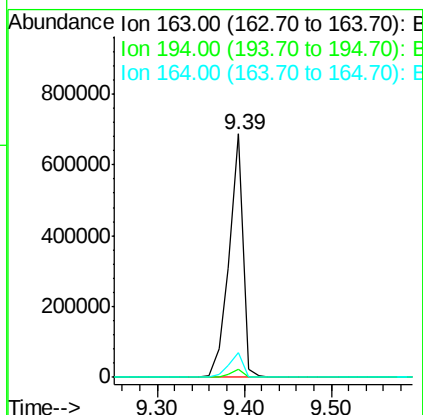
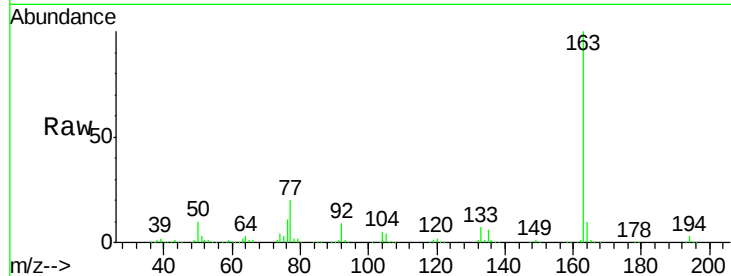
#49
Dimethylphthalate
Concen: 37.35 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

Instrument :
BNA_F
ClientSampleId :
PB90575BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.6	4.0
164	9.9	8.2	12.4

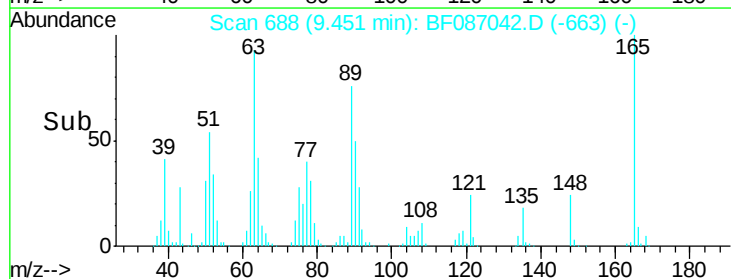
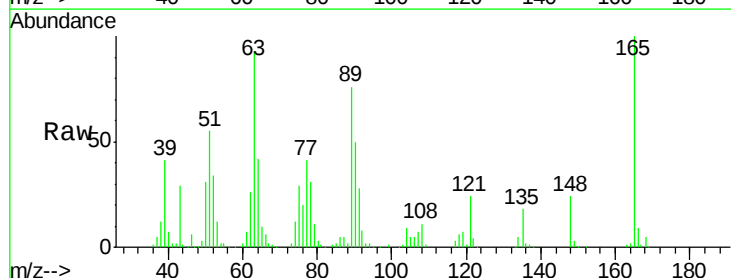
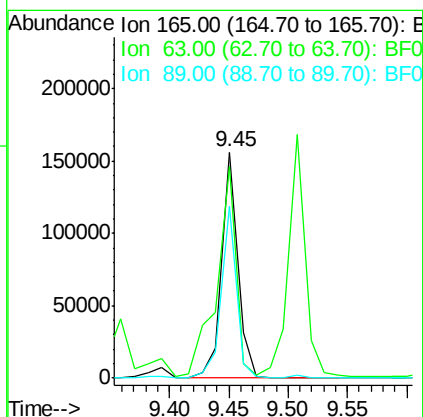
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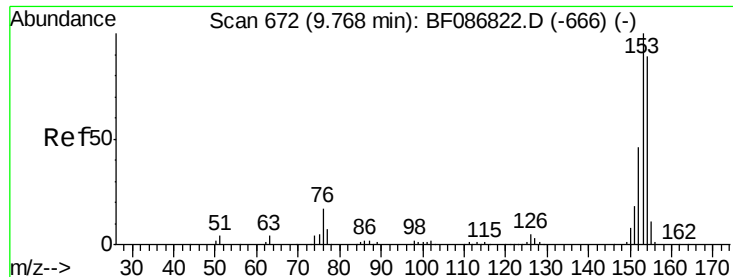
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#50
2,6-Dinitrotoluene
Concen: 34.27 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	93.4	51.8	77.8#
89	76.2	50.7	76.1#





#51

Acenaphthene

Concen: 35.36 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF087042.D

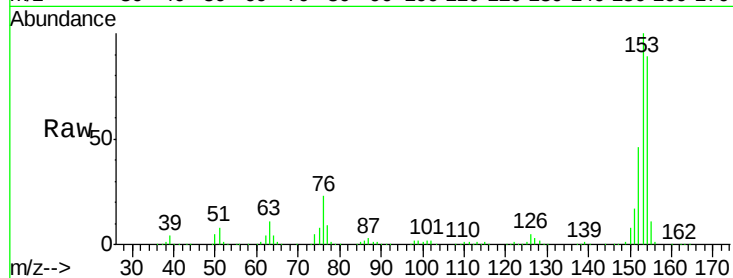
Acq: 15 May 2016 2:00

Instrument :

BNA_F

ClientSampleId :

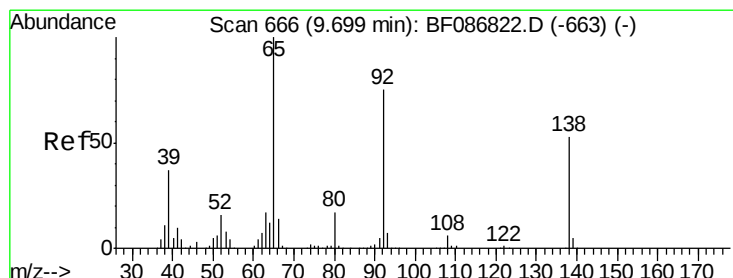
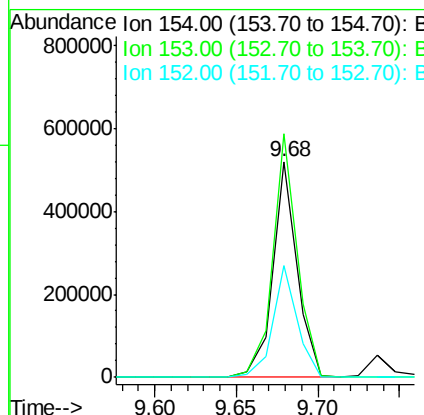
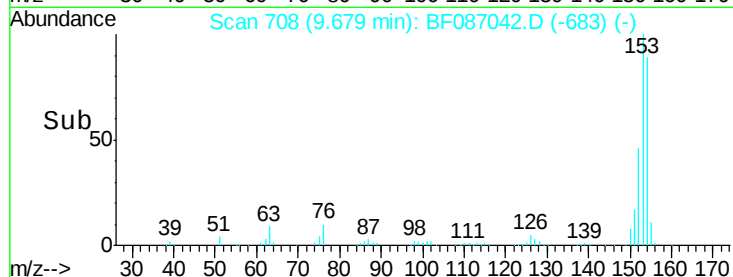
PB90575BS



Tgt Ion:	154	Resp:	540773
Ion Ratio	Lower	Upper	
154	100		
153	112.9	89.8	134.6
152	52.0	43.4	65.0

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#52

3-Nitroaniline

Concen: 22.38 ng

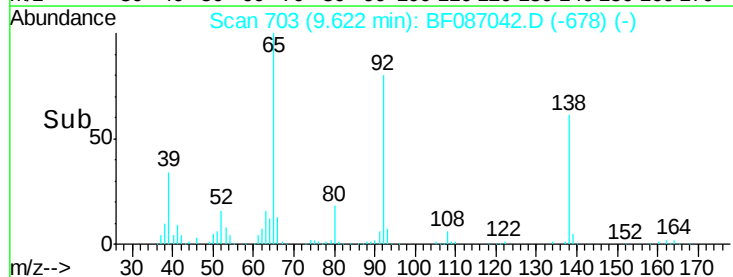
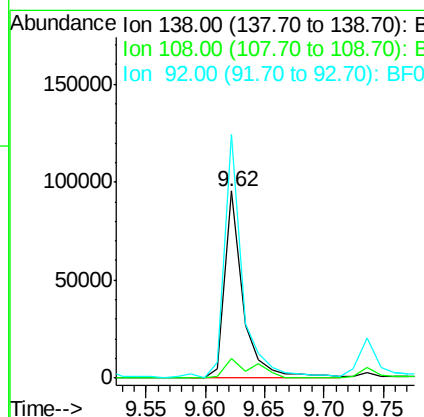
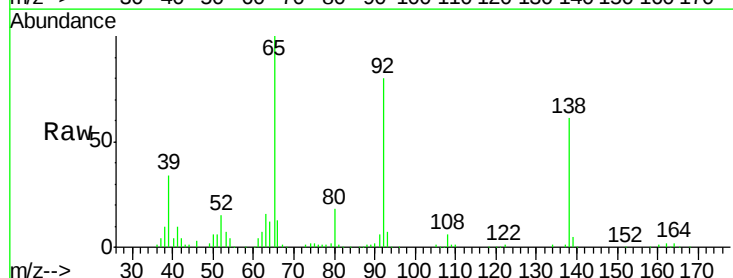
RT: 9.62 min Scan# 703

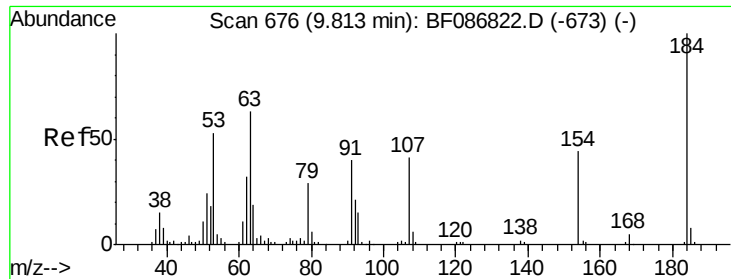
Delta R.T. -0.01 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

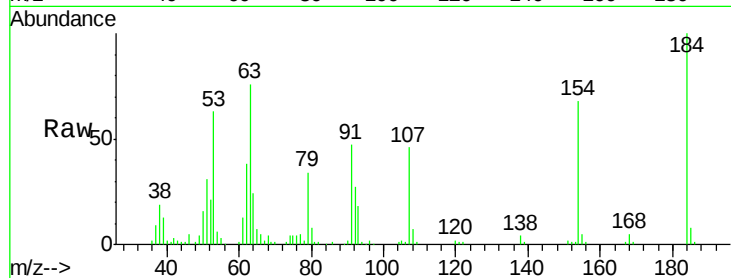
Tgt Ion:	138	Resp:	101476
Ion Ratio	Lower	Upper	
138	100		
108	10.4	7.8	11.6
92	130.4	87.8	131.8





#53
 2,4-Dinitrophenol
 Concen: 46.12 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

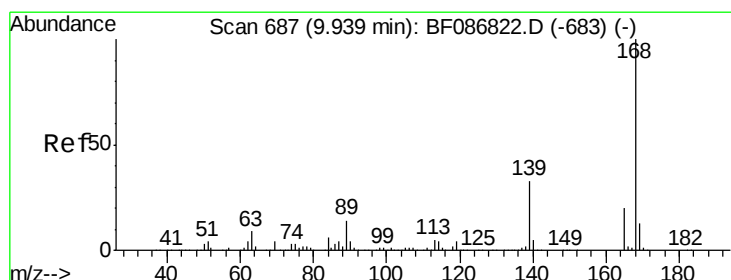
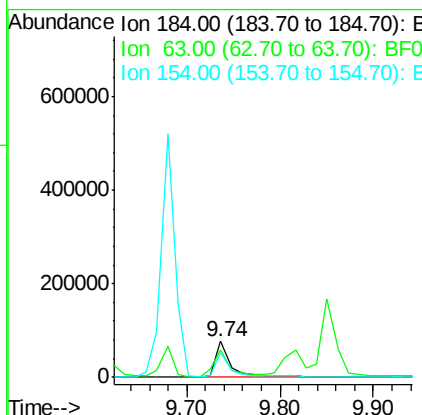
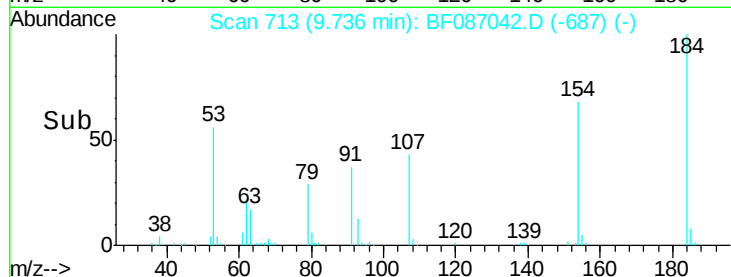
Instrument :
 BNA_F
 ClientSampleId :
 PB90575BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	93568		
63	76.2	55.8	83.8	
154	68.1	62.4	93.6	

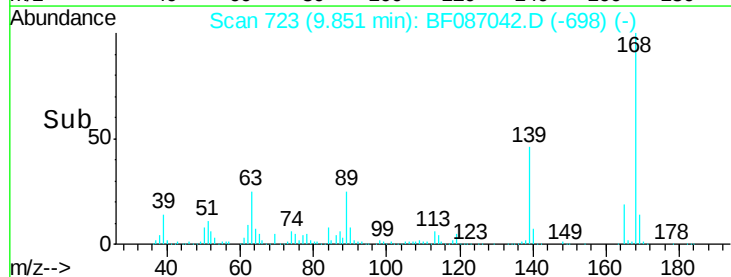
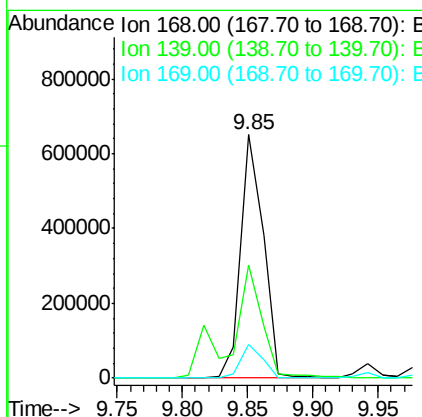
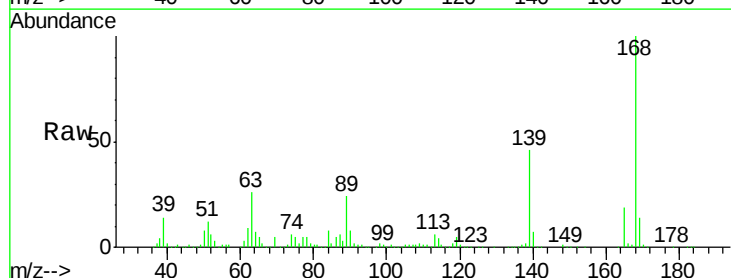
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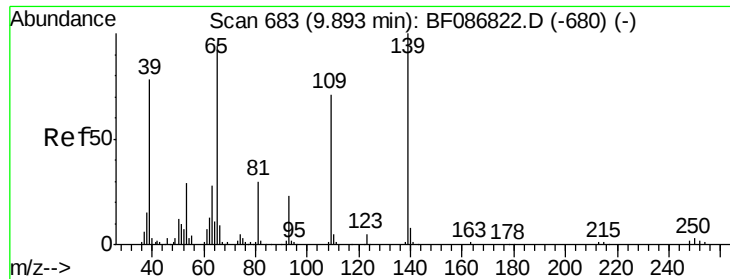
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#54
 Dibenzofuran
 Concen: 40.07 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	786768		
139	46.3	31.4	47.0	
169	13.7	10.7	16.1	





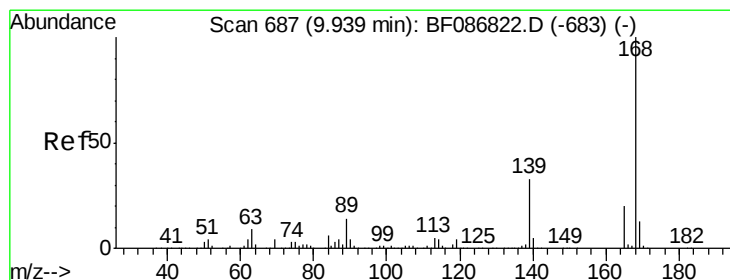
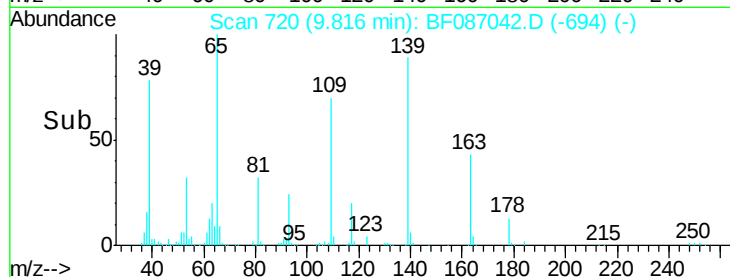
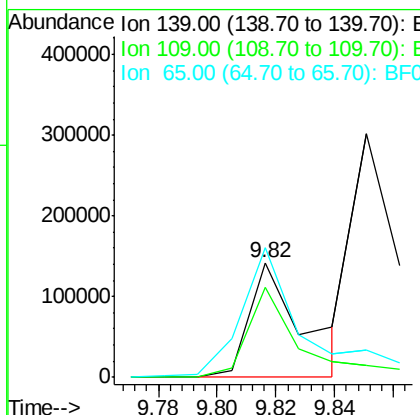
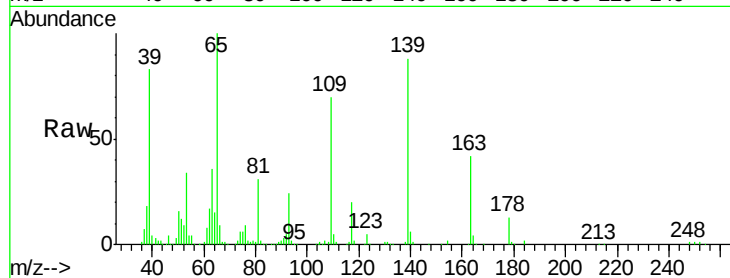
#55
4-Nitrophenol
Concen: 61.26 ng m
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

Instrument :
BNA_F
ClientSampleId :
PB90575BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	181799		
109	79.1	36.9	76.9#	
65	113.2	64.0	104.0#	

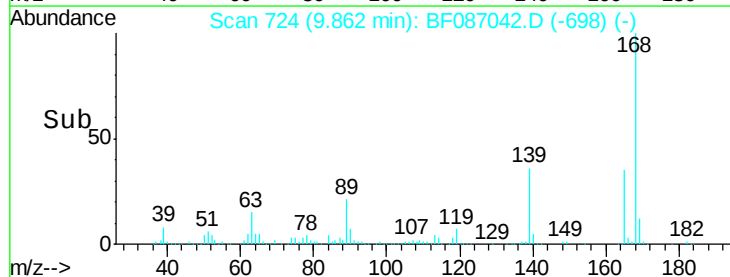
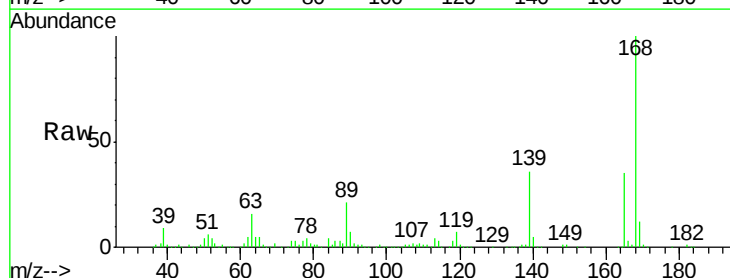
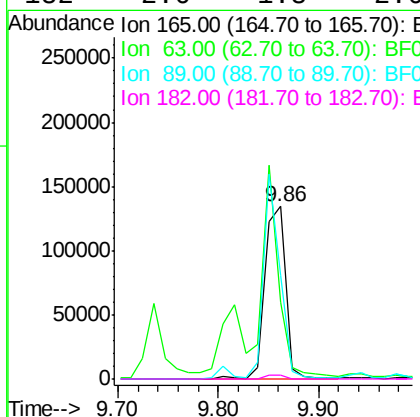
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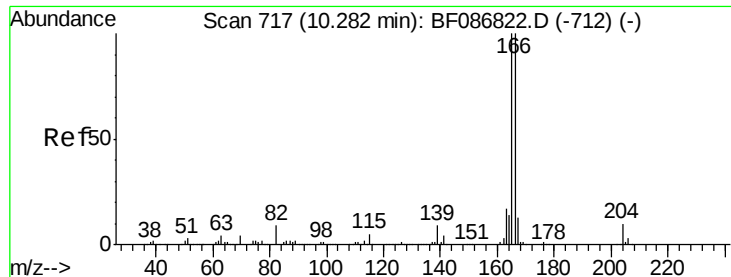
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#56
2,4-Dinitrotoluene
Concen: 36.41 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	194056		
63	44.6	44.3	66.5	
89	60.3	70.0	105.0#	
182	2.6	1.8	2.6	





#57

Fluorene

Concen: 35.91 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Instrument :

BNA_F

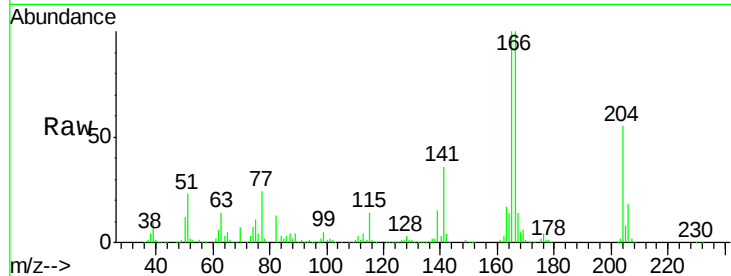
ClientSampleId :

PB90575BS

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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	601344		
165	99.5	79.0	118.6	
167	14.0	10.6	15.8	

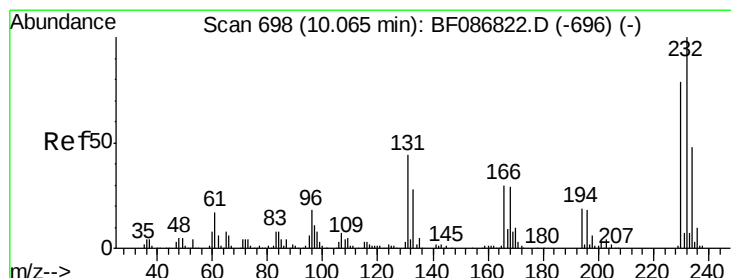
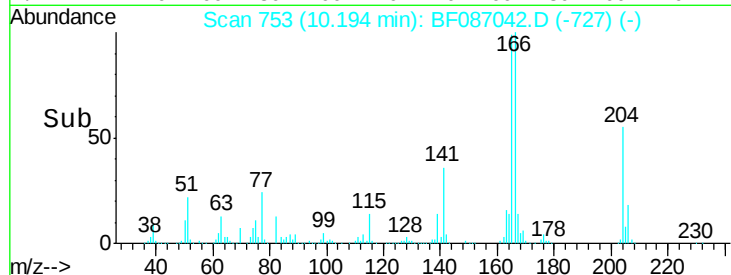
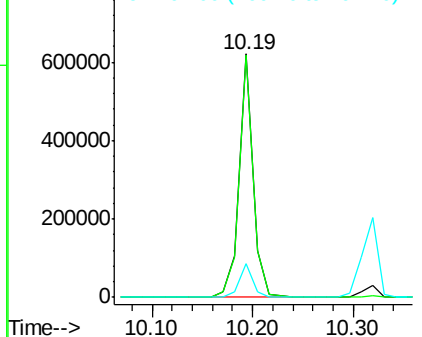


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.83 ng

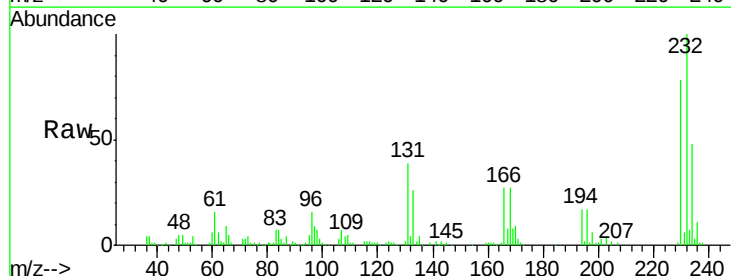
RT: 9.99 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	161748		
131	50.7	41.9	62.9	
130	2.5	2.2	3.4	
166	30.2	26.8	40.2	



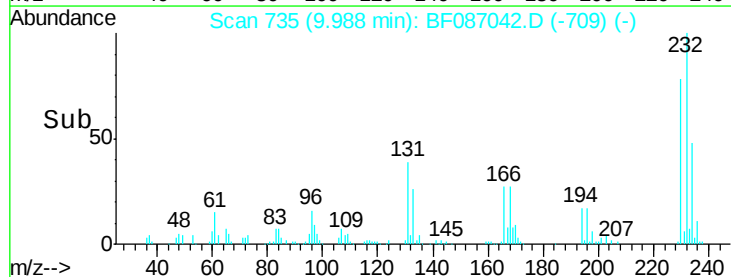
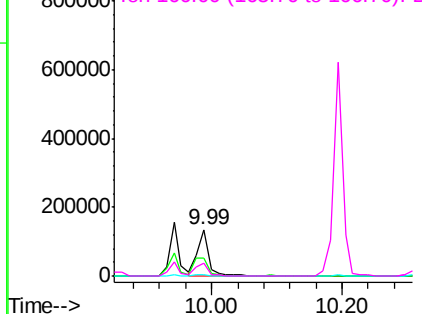
Abundance

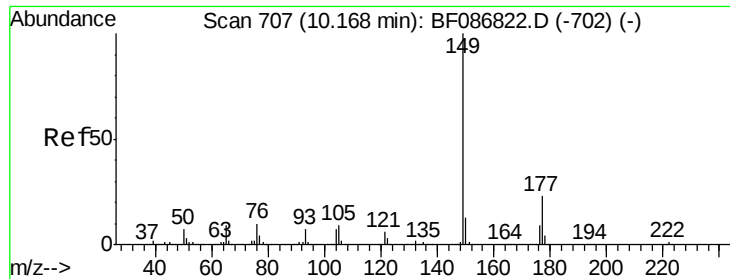
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





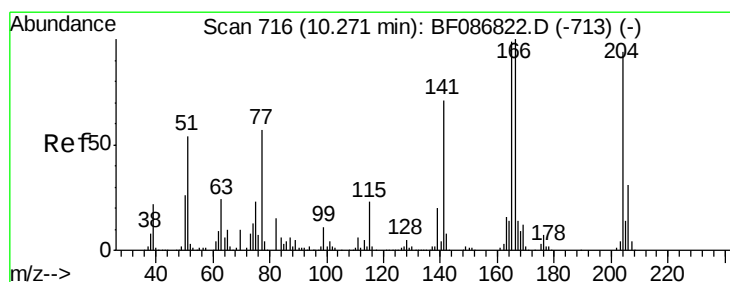
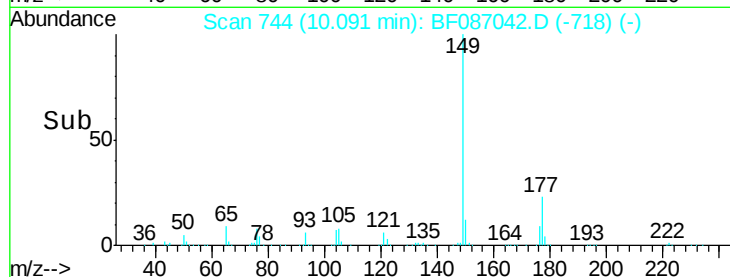
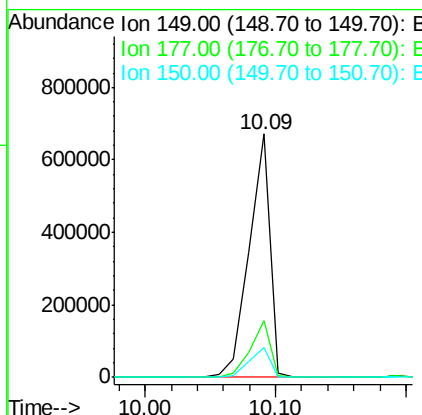
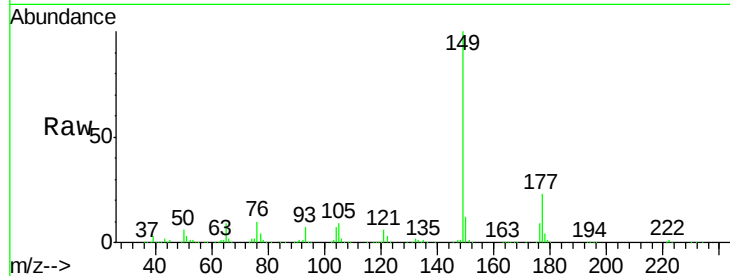
#59
Diethylphthalate
Concen: 37.37 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

Instrument :
BNA_F
ClientSampleId :
PB90575BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	745308		
177	23.3	16.6	24.8	
150	12.4	10.0	15.0	

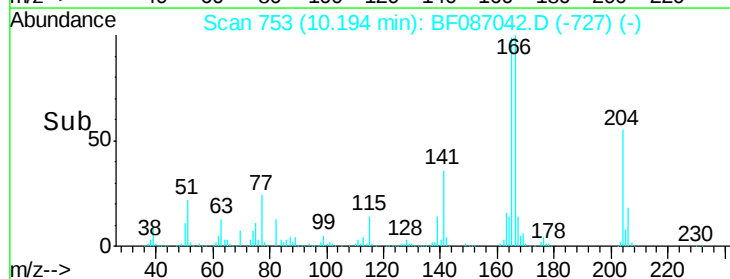
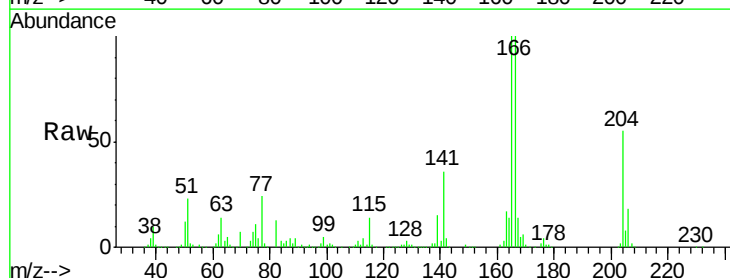
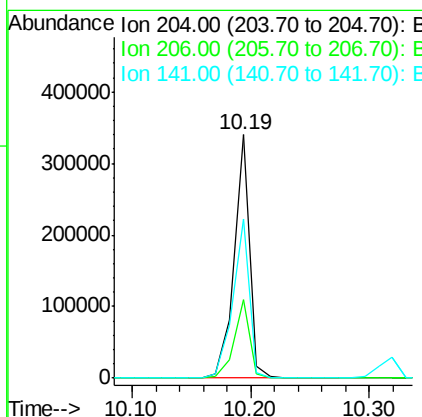
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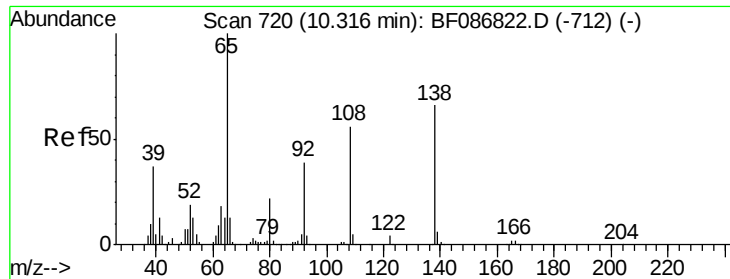
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#60
4-Chlorophenyl-phenylether
Concen: 41.32 ng
RT: 10.19 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	307229		
206	32.5	25.4	38.0	
141	65.3	61.6	92.4	





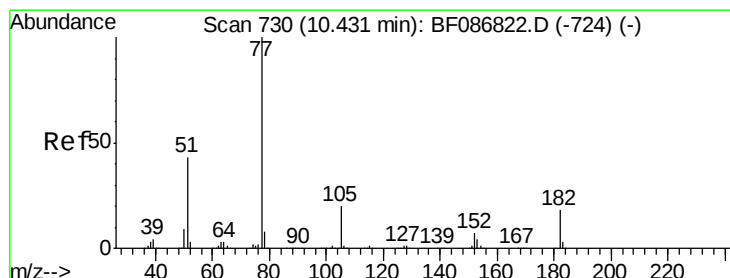
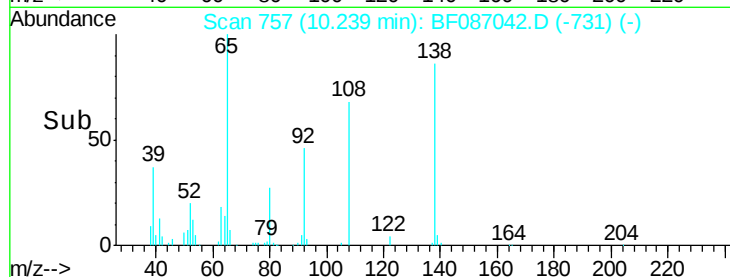
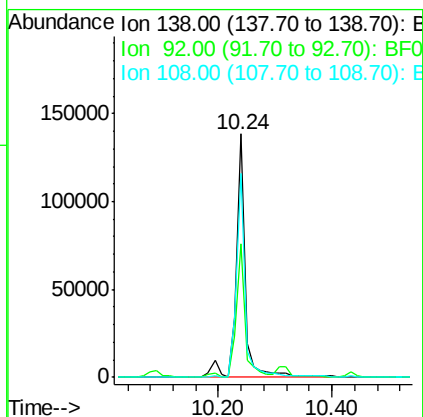
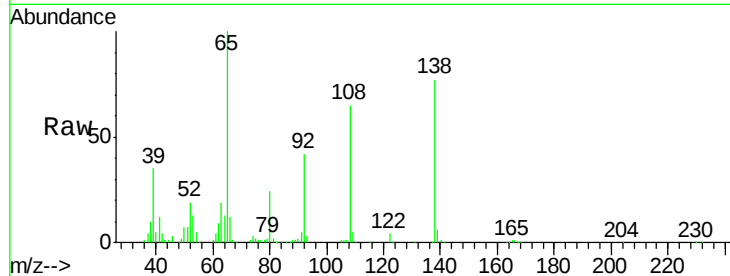
#61
4-Nitroaniline
Concen: 36.57 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

Instrument :
BNA_F
ClientSampleId :
PB90575BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	159252		
92	54.7	24.7	64.7	
108	83.8	37.4	77.4#	

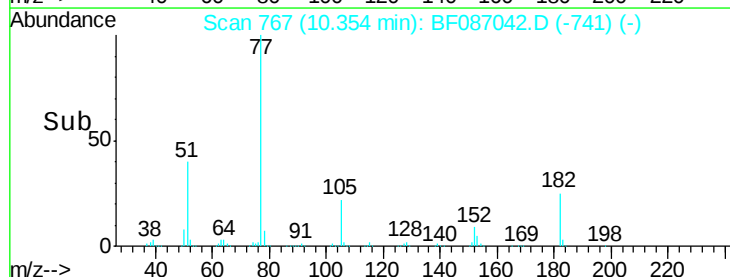
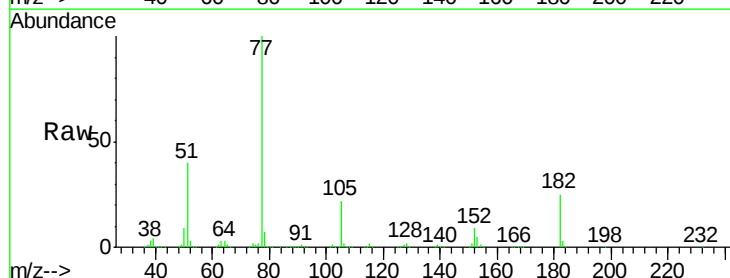
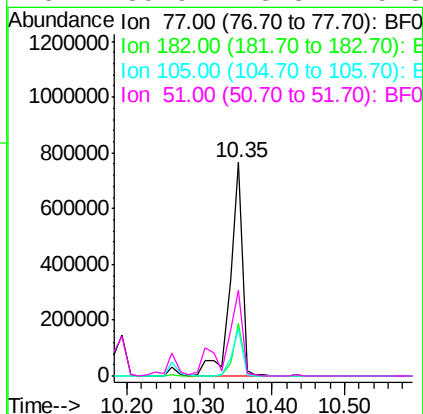
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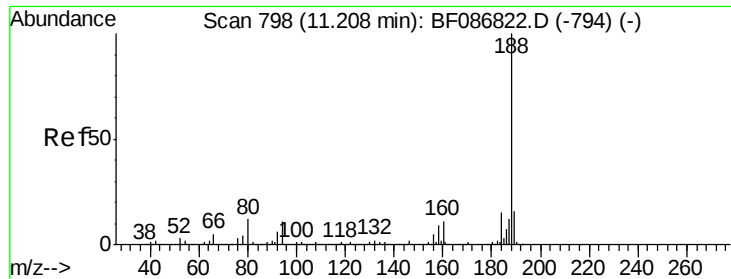
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#62
Azobenzene
Concen: 41.09 ng
RT: 10.35 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	884160		
182	24.9	0.0	38.8	
105	22.1	3.2	43.2	
51	39.9	8.8	48.8	





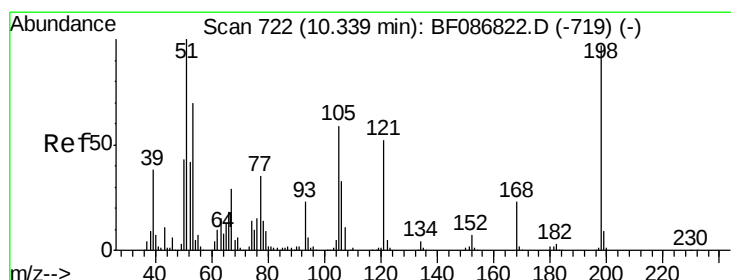
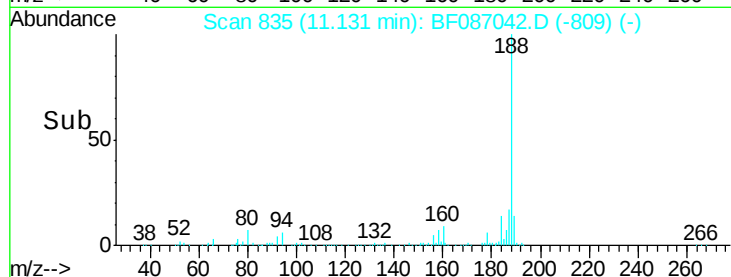
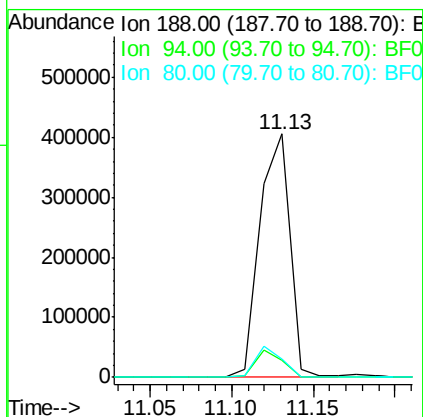
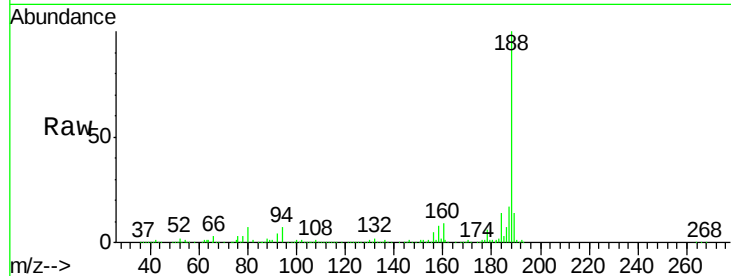
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

Instrument :
BNA_F
ClientSampled :
PB90575BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.0	6.8	10.2
80	7.3	7.1	10.7

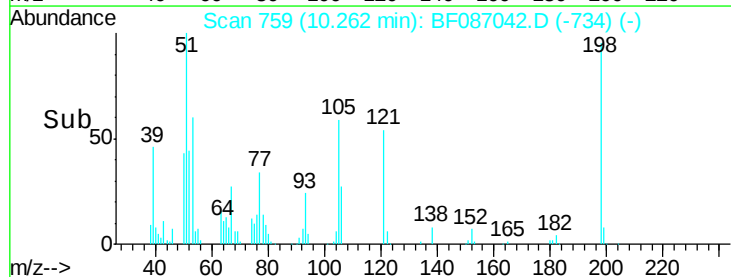
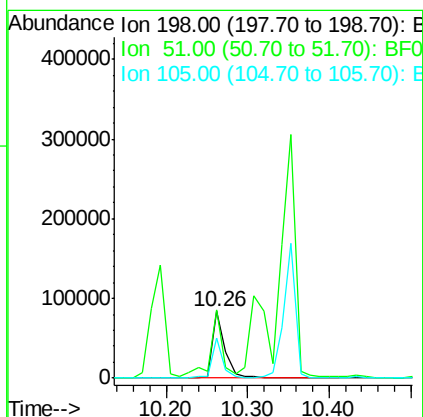
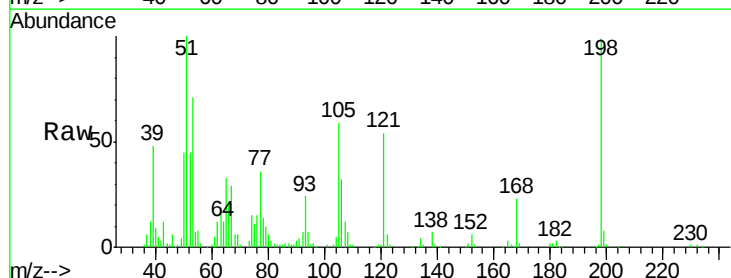
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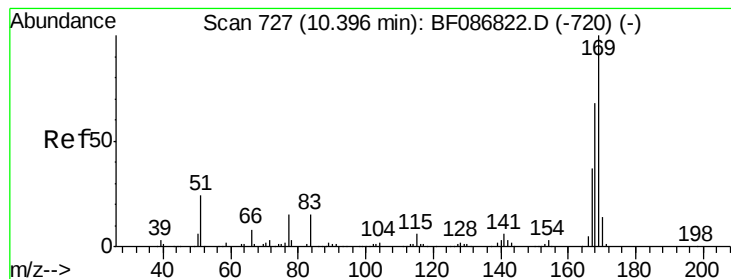
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#64
4,6-Dinitro-2-methylphenol
Concen: 27.96 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	101.1	20.5	60.5#
105	59.2	24.5	64.5





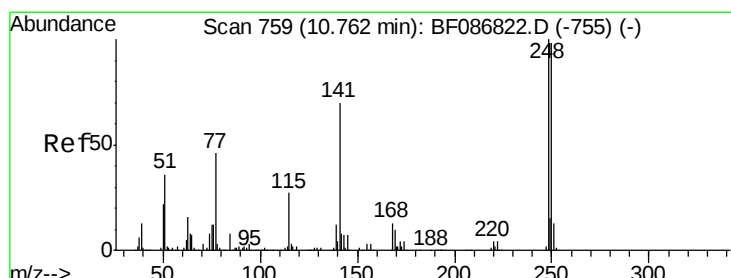
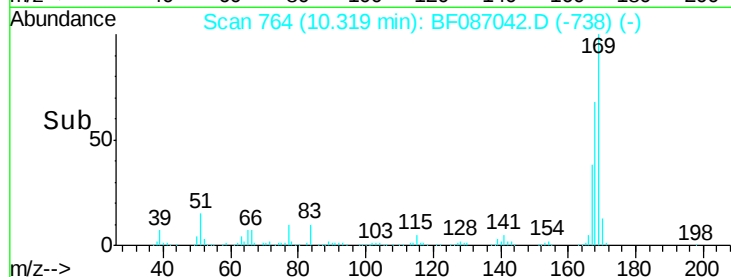
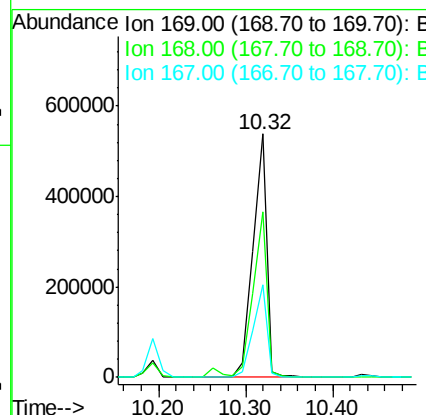
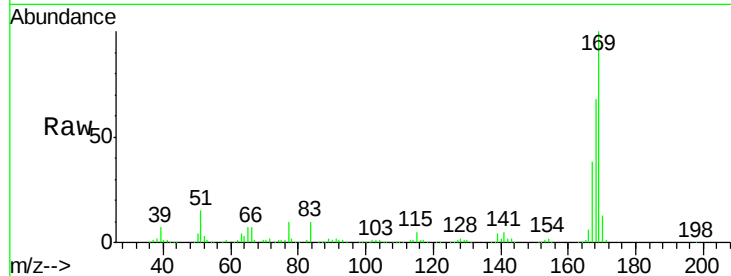
#65
n-Nitrosodiphenylamine
Concen: 37.72 ng
RT: 10.32 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

Instrument :
BNA_F
ClientSampleId :
PB90575BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	603054		
168	67.8	53.8	80.6	
167	37.9	29.5	44.3	

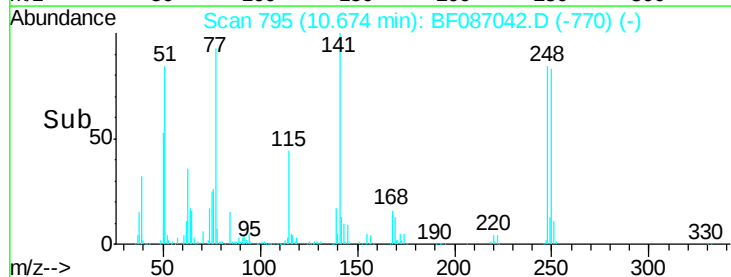
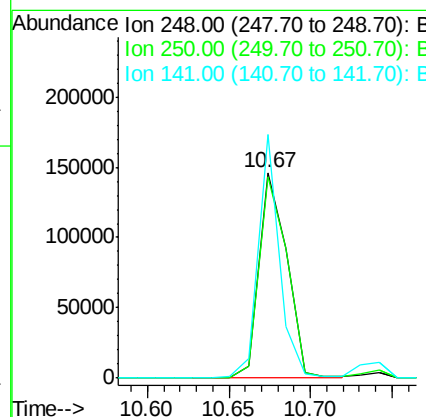
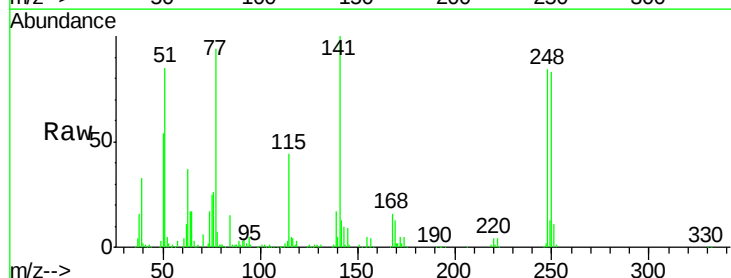
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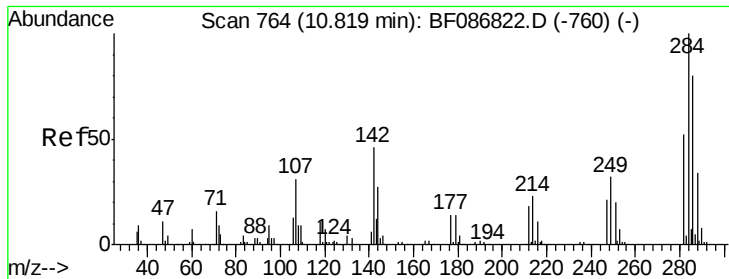
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#66
4-Bromophenyl-phenylether
Concen: 32.96 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	173899		
250	98.2	78.6	117.8	
141	118.5	76.0	114.0#	





#67

Hexachlorobenzene

Concen: 37.04 ng

RT: 10.74 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF087042.D

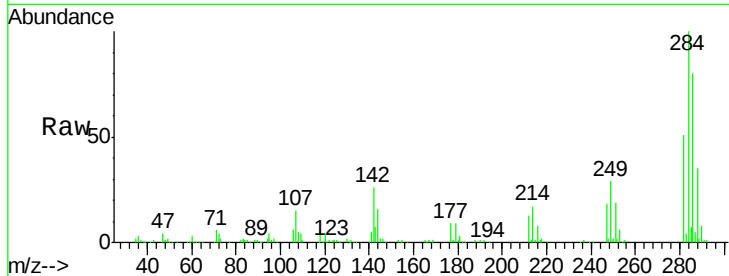
Acq: 15 May 2016 2:00

Instrument :

BNA_F

ClientSampleId :

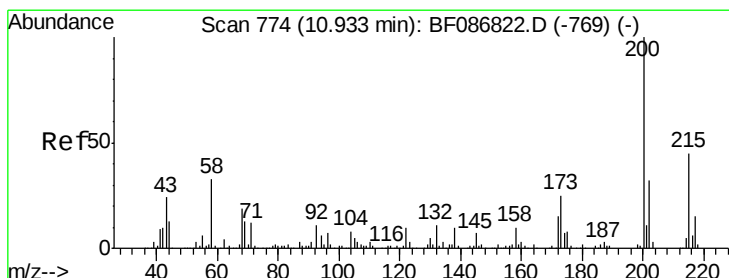
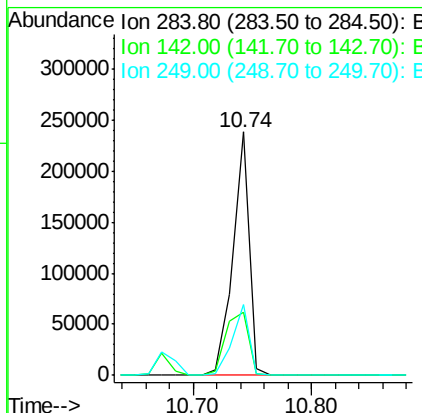
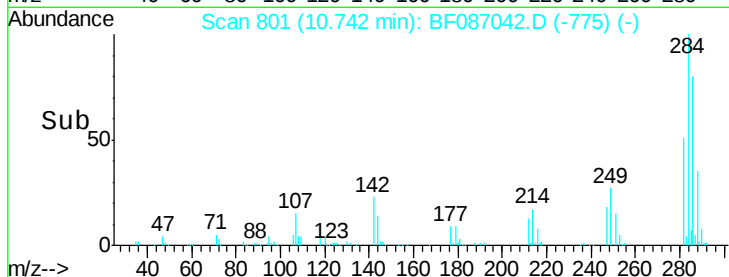
PB90575BS



Tgt Ion:	284	Resp:	228400
Ion Ratio	Lower	Upper	
284	100		
142	26.1	16.7	25.1#
249	29.2	21.3	31.9

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#68

Atrazine

Concen: 31.36 ng

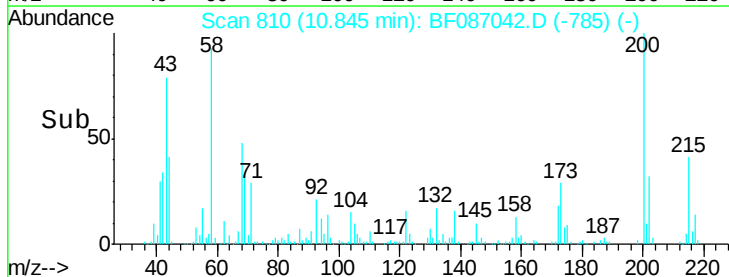
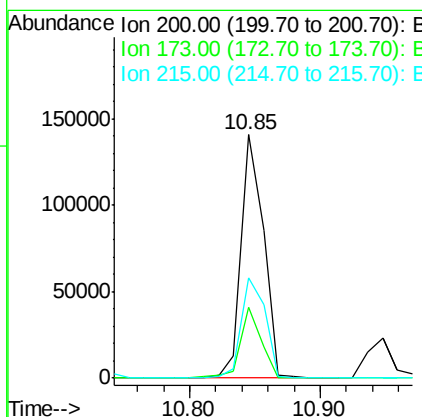
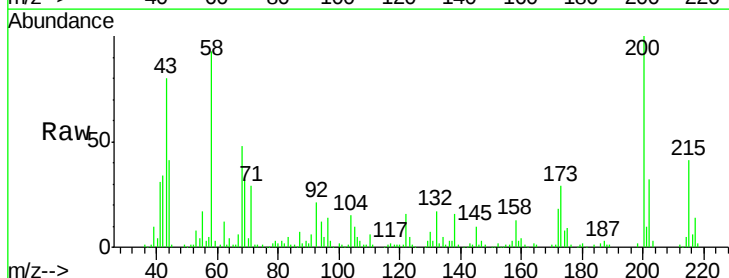
RT: 10.85 min Scan# 810

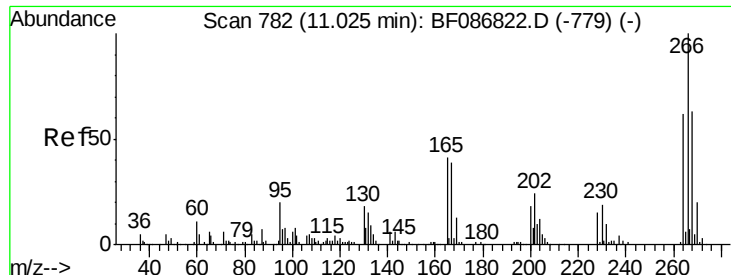
Delta R.T. -0.01 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Tgt Ion:	200	Resp:	167455
Ion Ratio	Lower	Upper	
200	100		
173	29.1	8.5	48.5
215	41.2	27.2	67.2





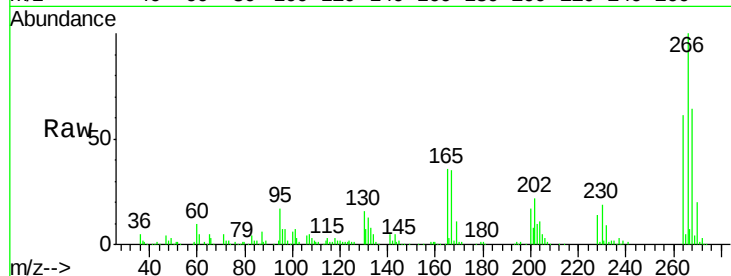
#69
 Pentachlorophenol
 Concen: 63.04 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90575BS

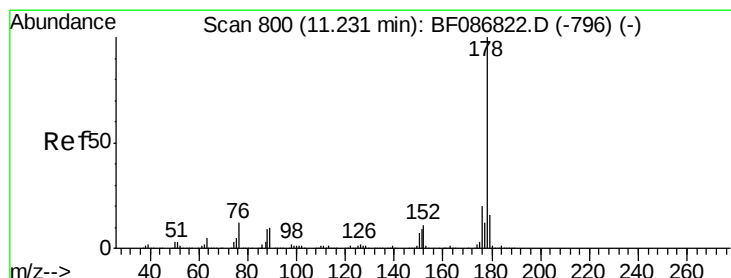
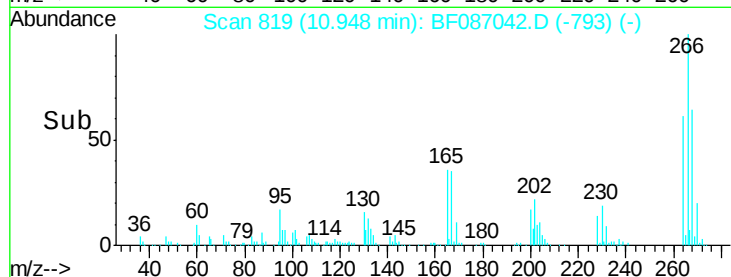
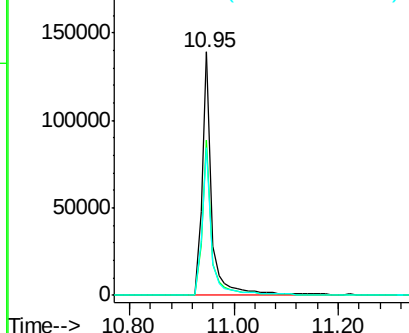
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	179631		
268	64.0	51.5	77.3	
264	60.6	52.9	79.3	

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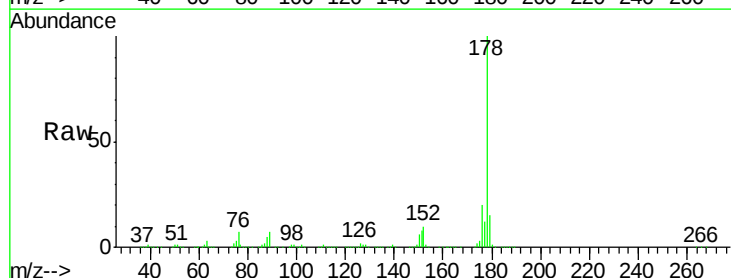


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

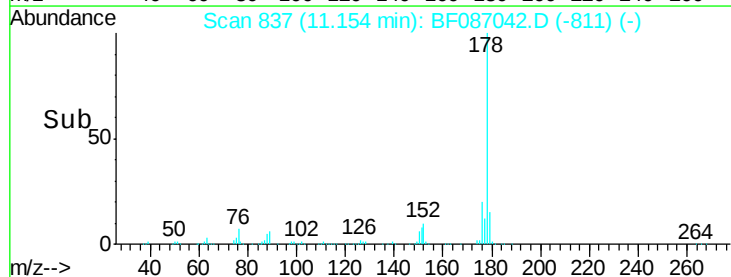
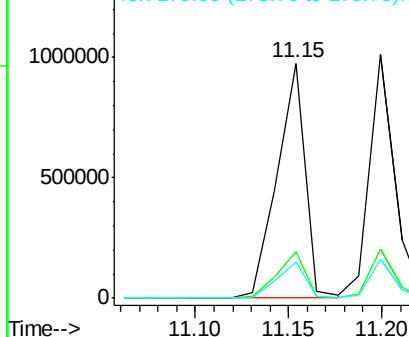


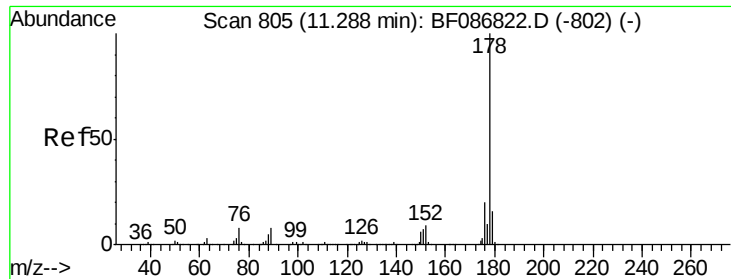
#70
 Phenanthrene
 Concen: 36.64 ng
 RT: 11.15 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1017415		
176	19.9	16.0	24.0	
179	15.4	12.6	18.8	



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





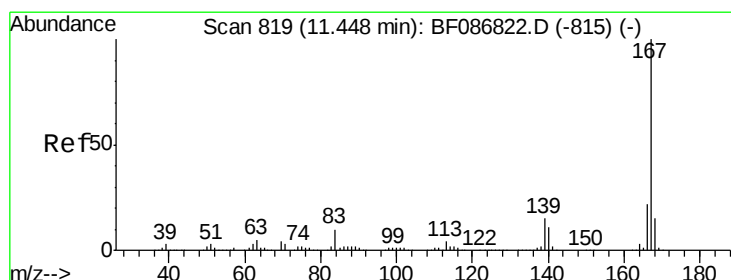
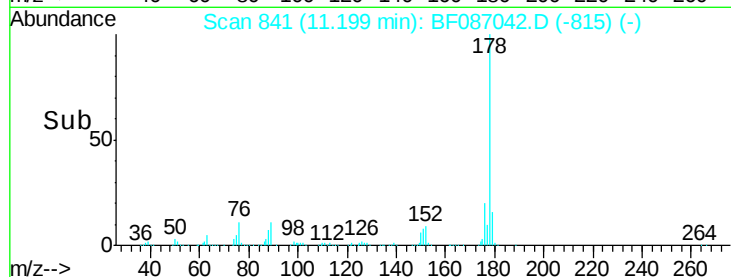
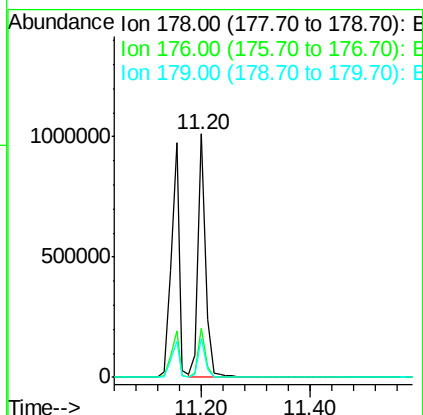
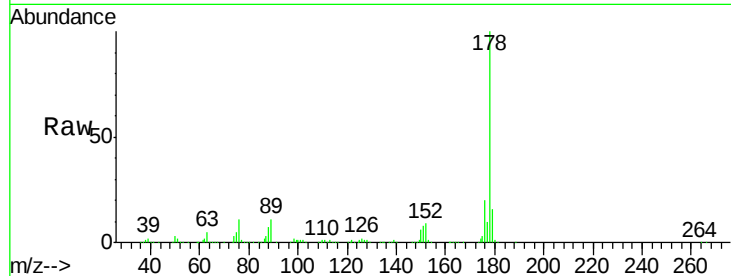
#71
 Anthracene
 Concen: 33.77 ng
 RT: 11.20 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90575BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	959097		
176	20.0	15.6	23.4	
179	16.2	12.7	19.1	

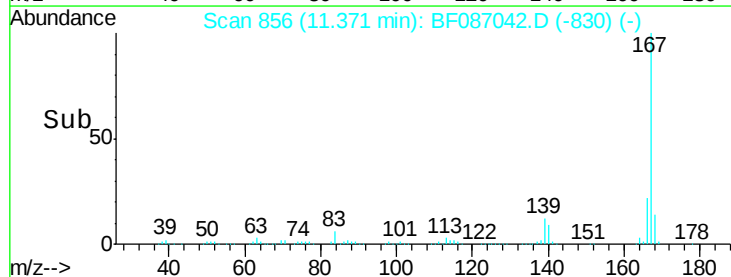
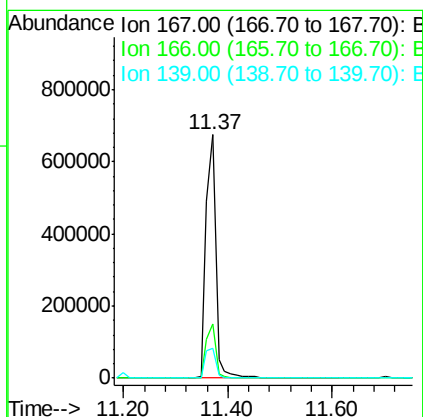
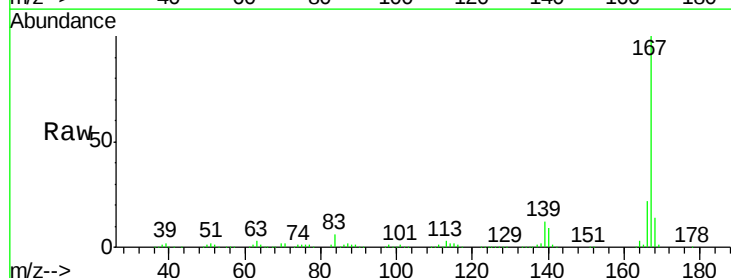
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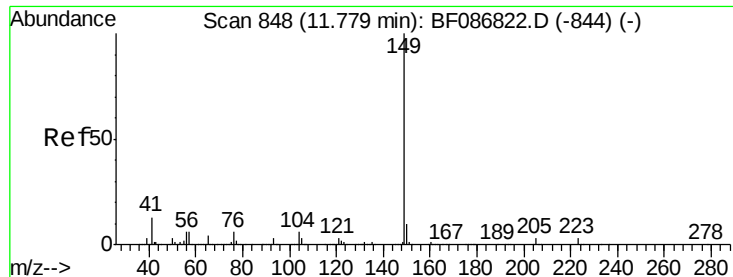
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#72
 Carbazole
 Concen: 36.30 ng
 RT: 11.37 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	886156		
166	22.1	17.7	26.5	
139	12.5	10.8	16.2	





#73

Di-n-butylphthalate

Concen: 38.27 ng

RT: 11.70 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Instrument :

BNA_F

ClientSampleId :

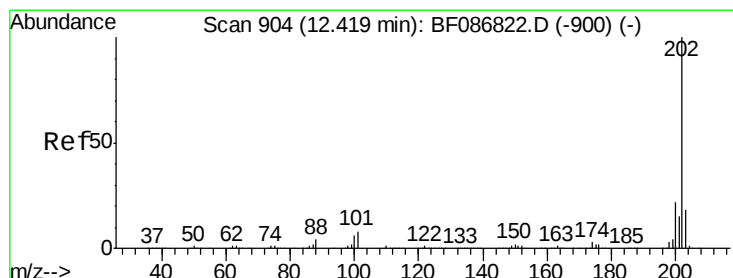
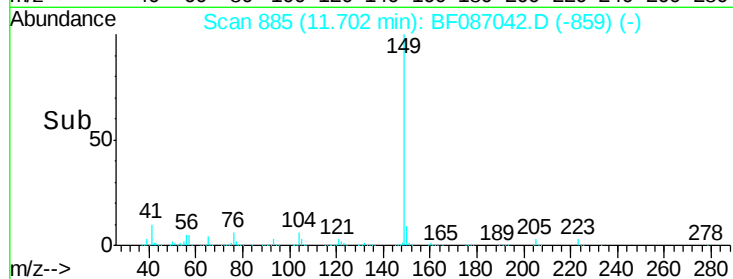
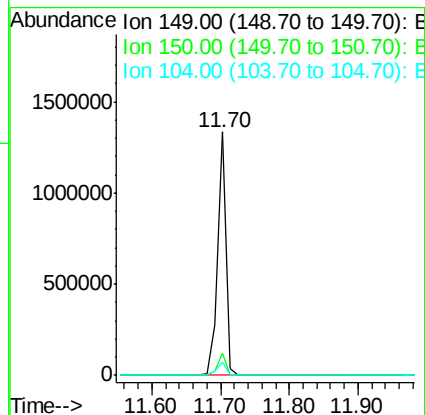
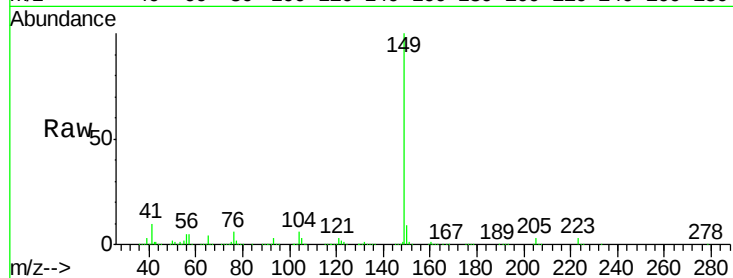
PB90575BS

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Tgt Ion:	149	Resp:	1140999
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.6	11.4
104	5.5	3.8	5.6



#74

Fluoranthene

Concen: 34.70 ng

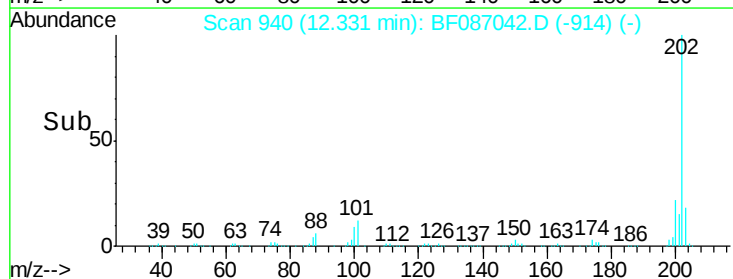
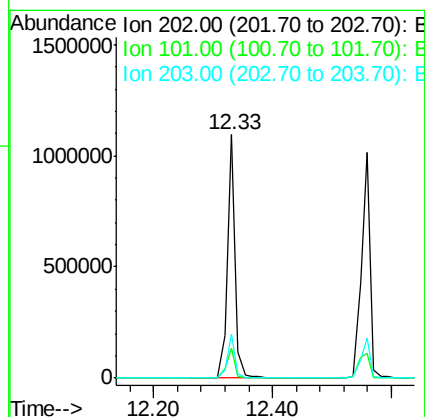
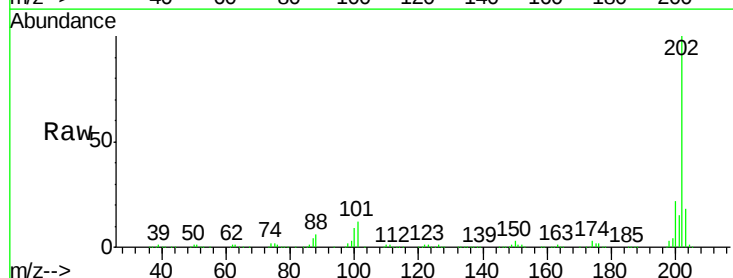
RT: 12.33 min Scan# 940

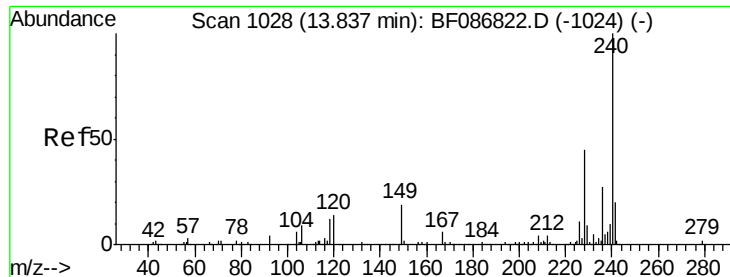
Delta R.T. 0.00 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Tgt Ion:	202	Resp:	991195
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	35.4
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Instrument :

BNA_F

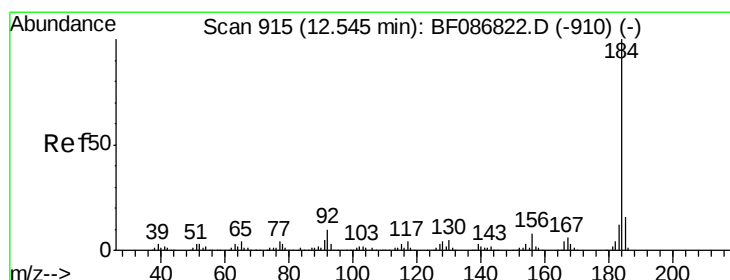
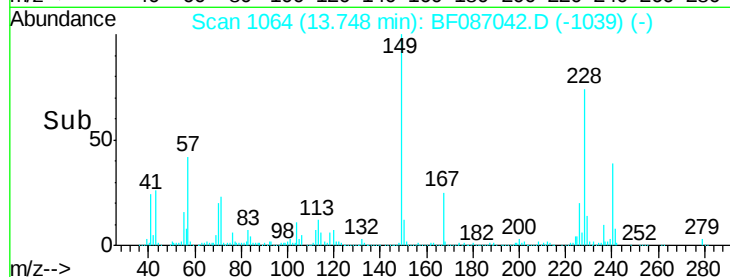
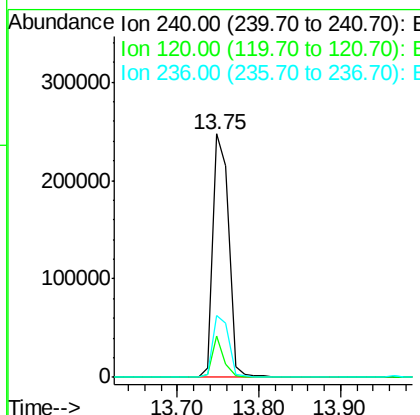
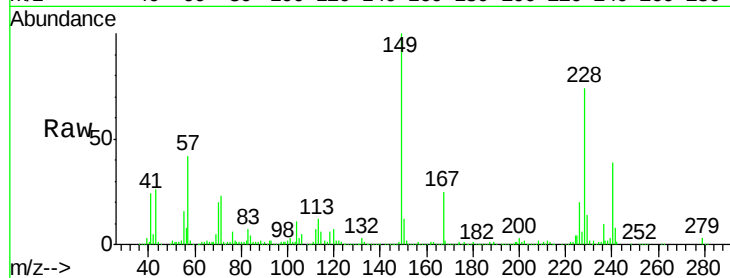
ClientSampleId :

PB90575BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	338153		
120	16.9	11.2	16.8#	
236	25.6	21.2	31.8	

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#76

Benzidine

Concen: 26.78 ng

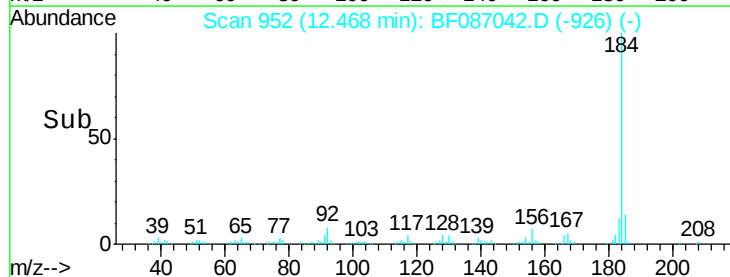
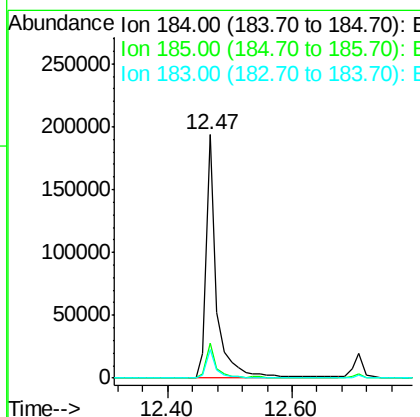
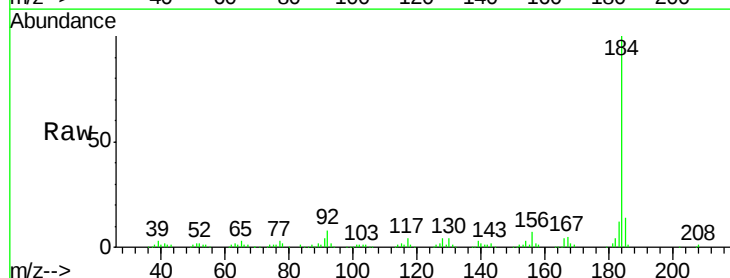
RT: 12.47 min Scan# 952

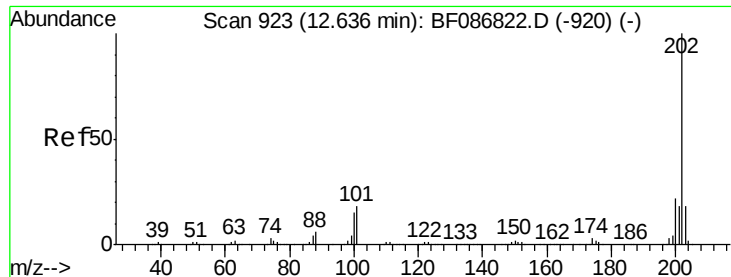
Delta R.T. 0.00 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	230884		
185	14.2	13.6	20.4	
183	11.5	9.8	14.6	





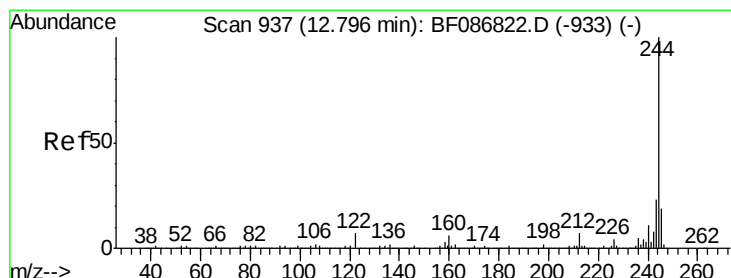
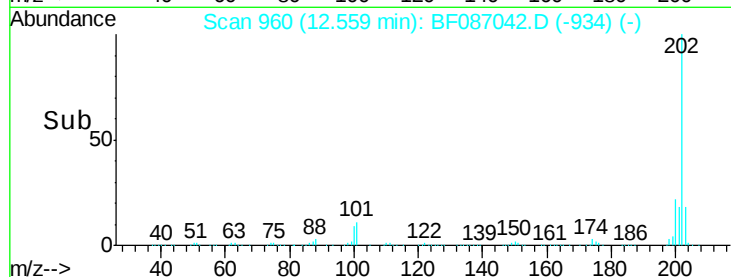
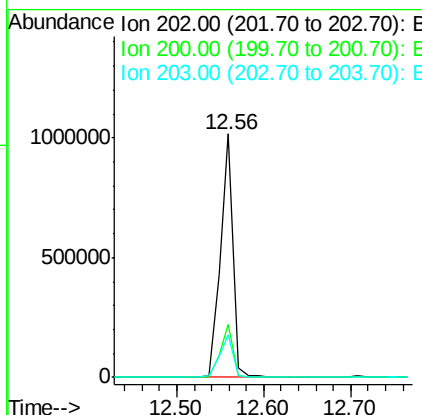
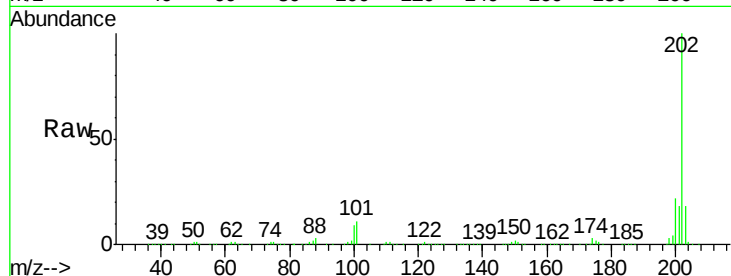
#77
 Pyrene
 Concen: 40.17 ng
 RT: 12.56 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Instrument :
 BNA_F
 ClientSampled :
 PB90575BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	17.5	14.2	21.4

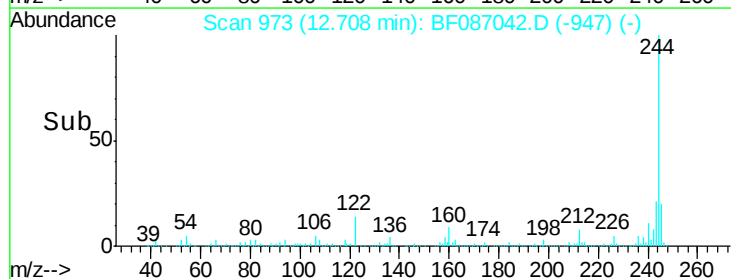
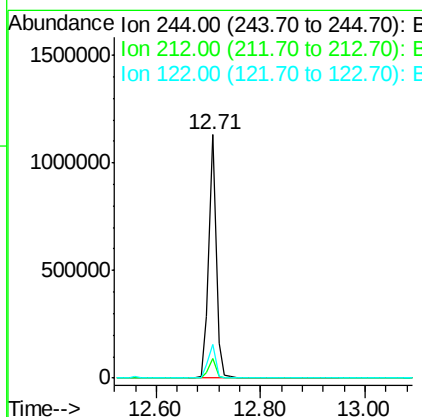
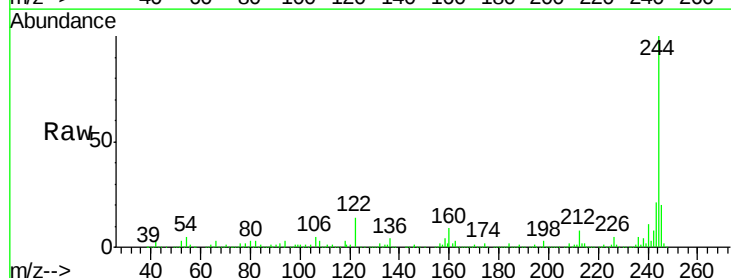
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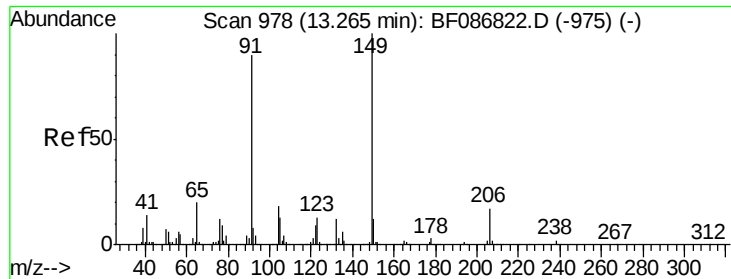
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#78
 Terphenyl-d14
 Concen: 70.03 ng
 RT: 12.71 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	13.9	12.0	18.0





#79

Butylbenzylphthalate

Concen: 40.12 ng

RT: 13.19 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Instrument :

BNA_F

ClientSampleId :

PB90575BS

Tgt Ion:149 Resp: 439277
Ion Ratio Lower Upper

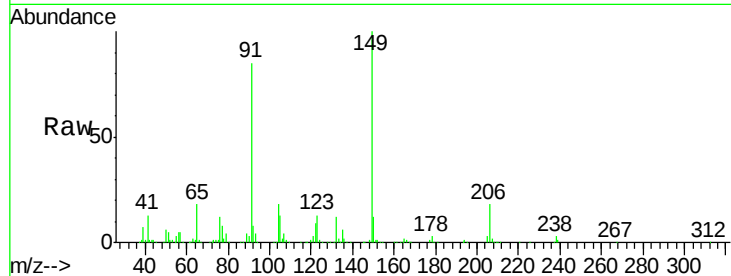
149 100

91 85.5 48.0 72.0#

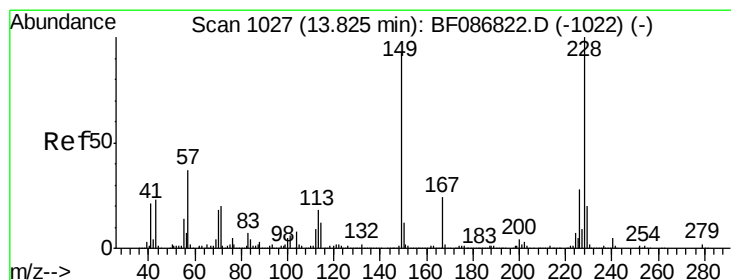
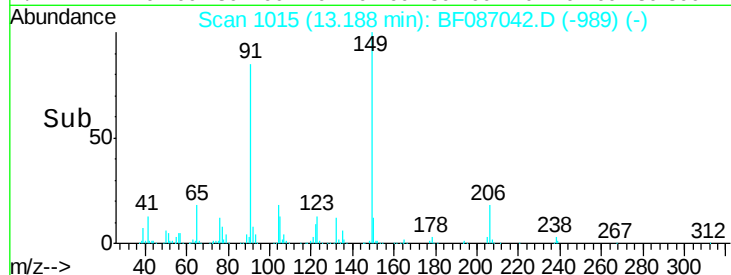
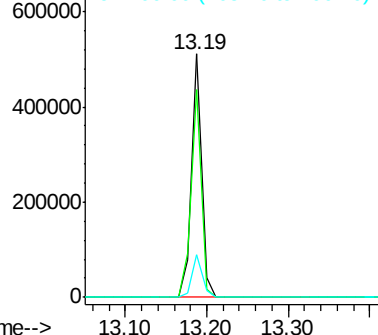
206 17.6 15.8 23.6

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.85 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BF087042.D

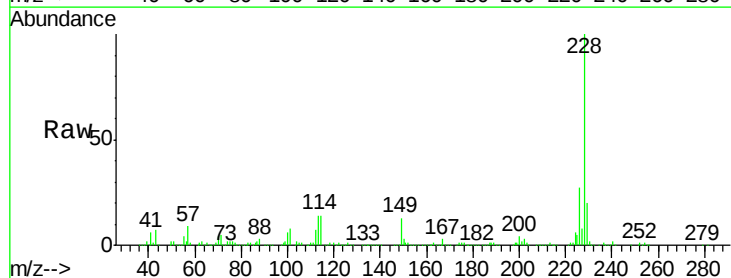
Acq: 15 May 2016 2:00

Tgt Ion:228 Resp: 718536
Ion Ratio Lower Upper

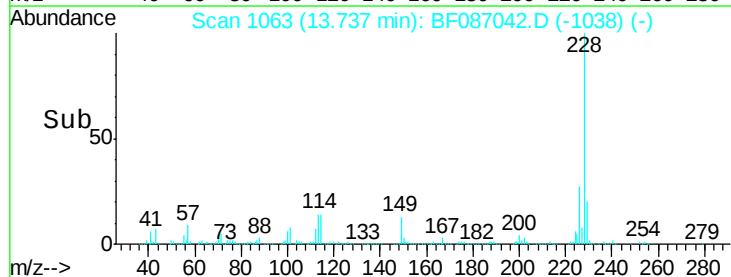
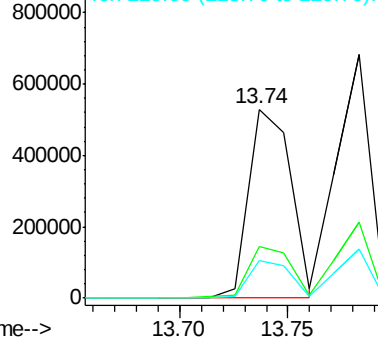
228 100

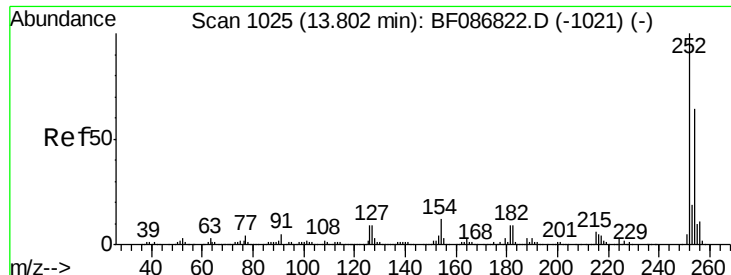
226 27.4 22.5 33.7

229 19.9 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





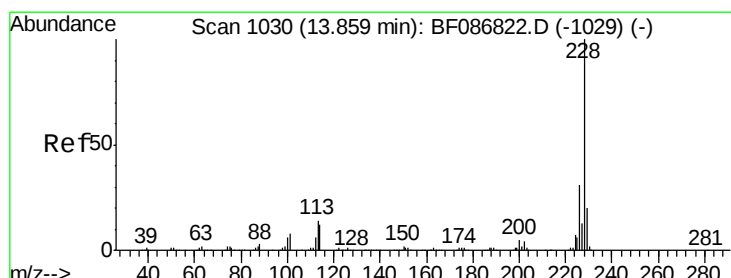
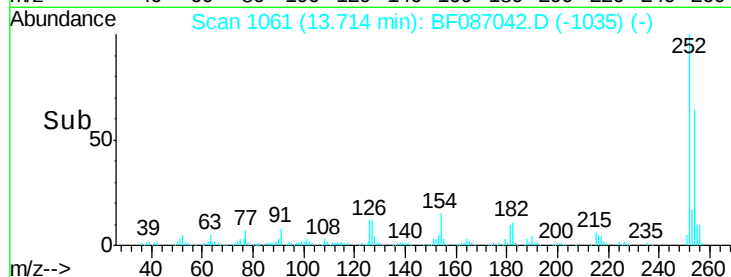
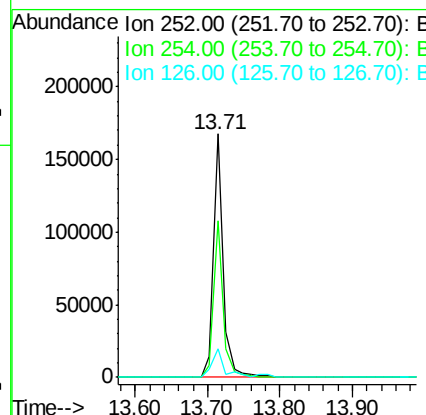
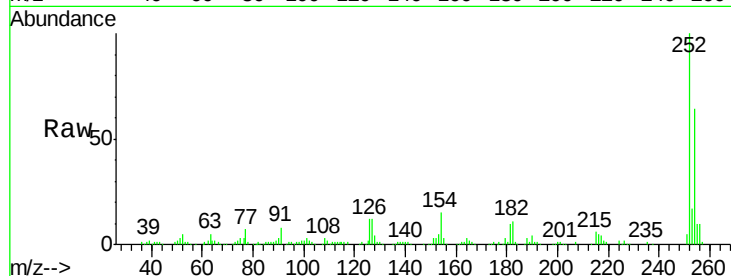
#81
 3,3'-Dichlorobenzidine
 Concen: 12.98 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90575BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.2	50.7	76.1
126	11.7	12.7	19.1#

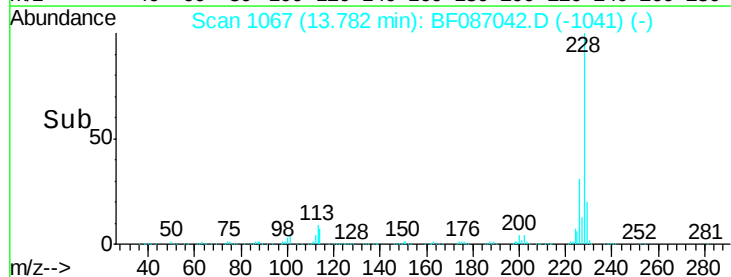
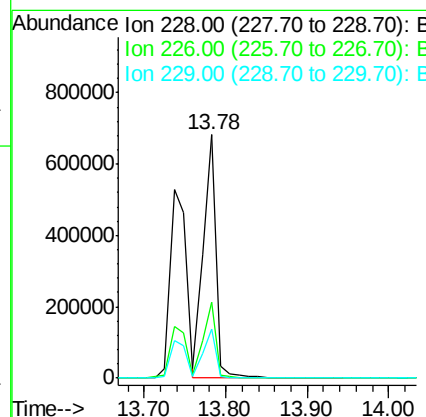
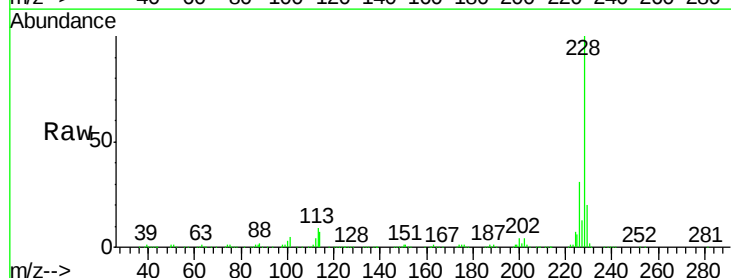
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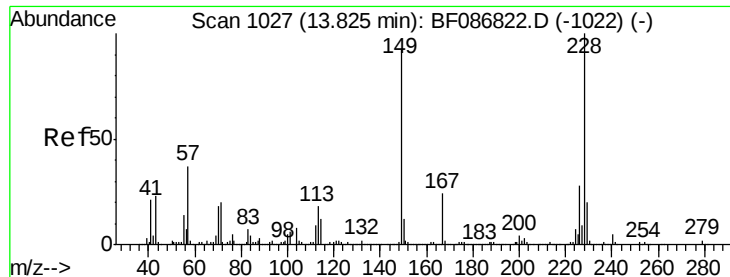
sohil
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#82
 Chrysene
 Concen: 38.77 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.1	24.4	36.6
229	20.1	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.93 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Instrument :

BNA_F

ClientSampleId :

PB90575BS

Tgt Ion:149 Resp: 565534
Ion Ratio Lower Upper

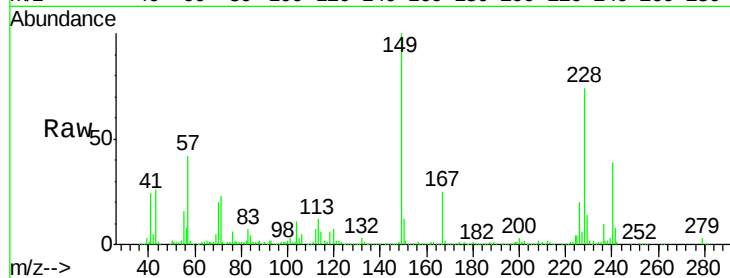
149 100

167 24.8 21.8 32.6

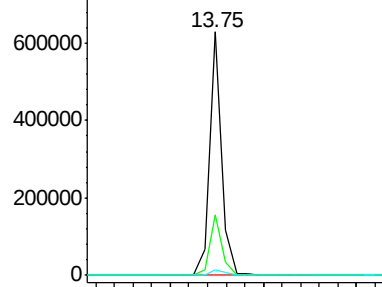
279 2.5 2.6 4.0#

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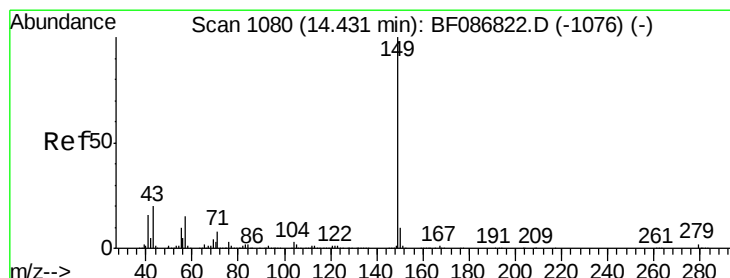
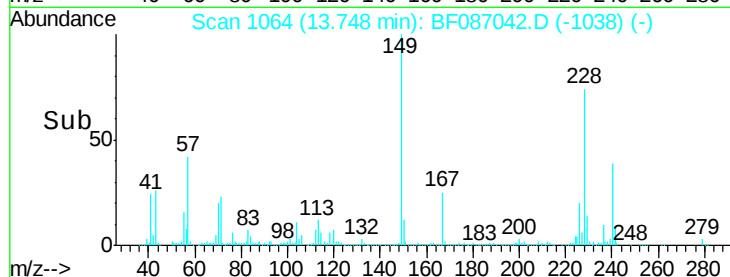
sohil
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->



#84

Di-n-octyl phthalate

Concen: 41.57 ng

RT: 14.35 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF087042.D

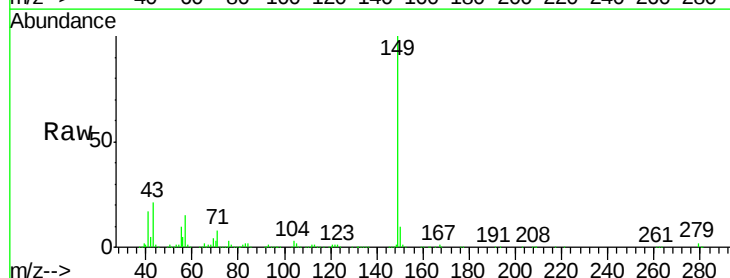
Acq: 15 May 2016 2:00

Tgt Ion:149 Resp: 906966
Ion Ratio Lower Upper

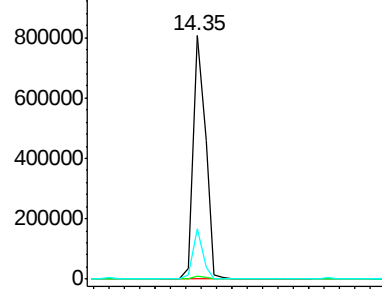
149 100

167 1.5 1.2 1.8

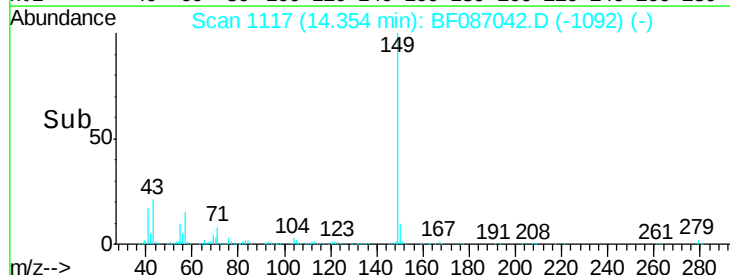
43 17.1 8.2 12.4#

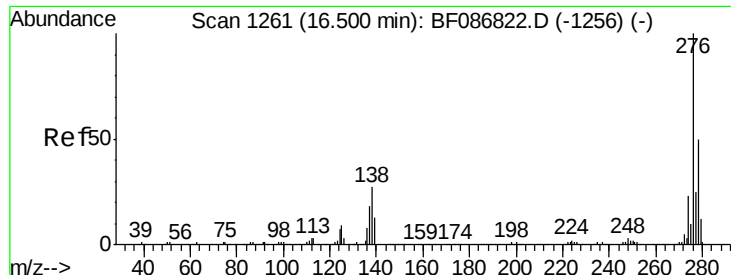


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



Time-->





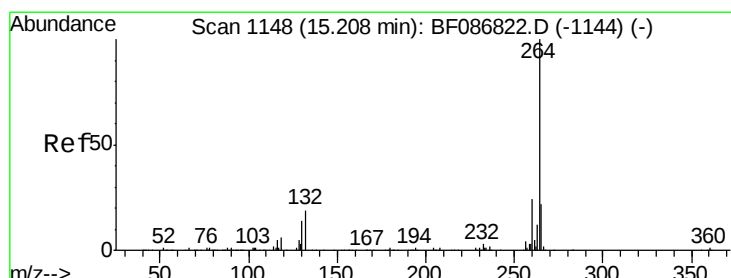
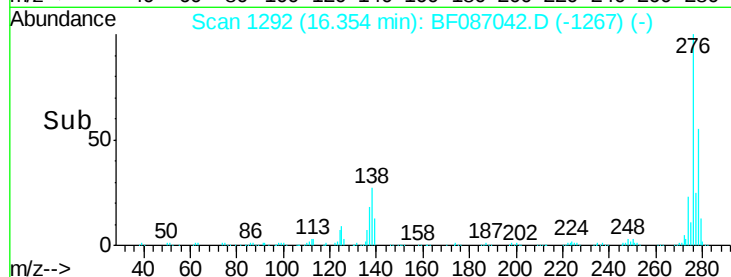
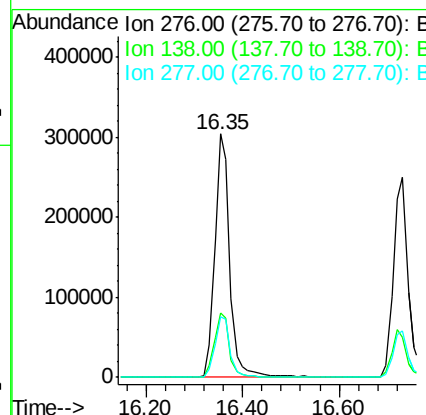
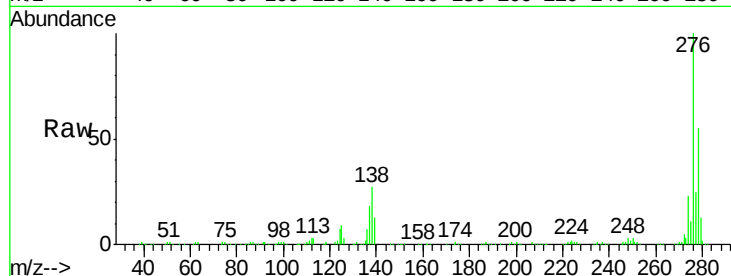
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.46 ng
 RT: 16.35 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90575BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	27.0	25.6	38.4
277	25.5	20.5	30.7

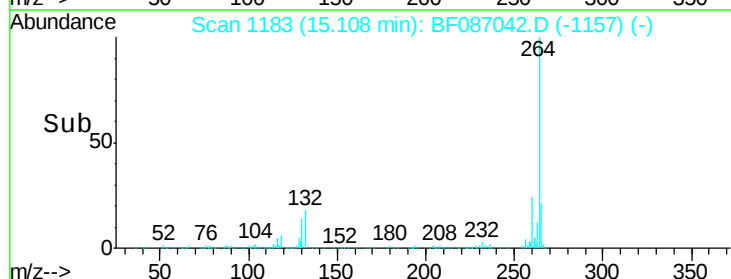
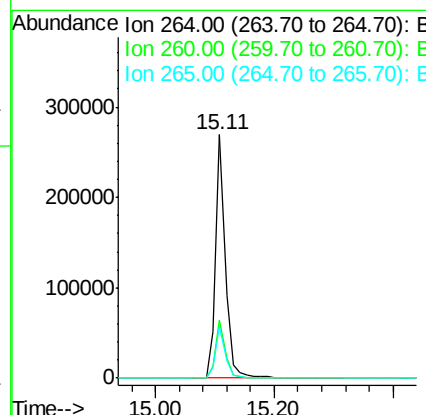
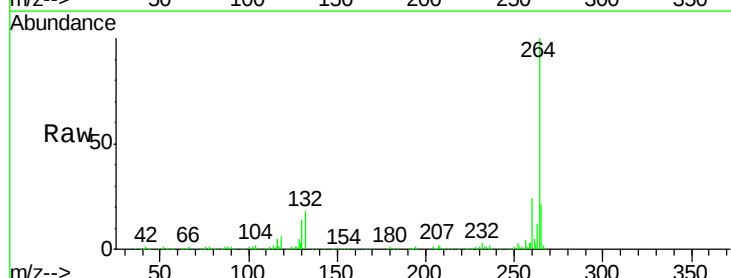
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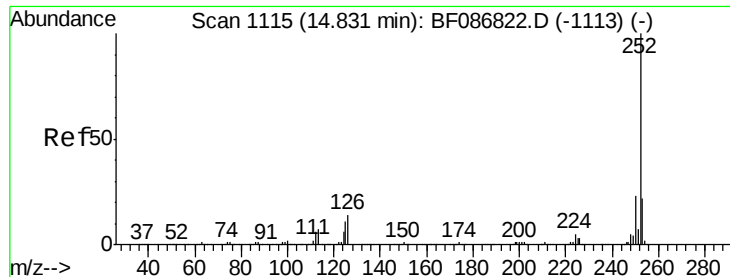
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.8	19.5	29.3
265	21.1	17.3	25.9





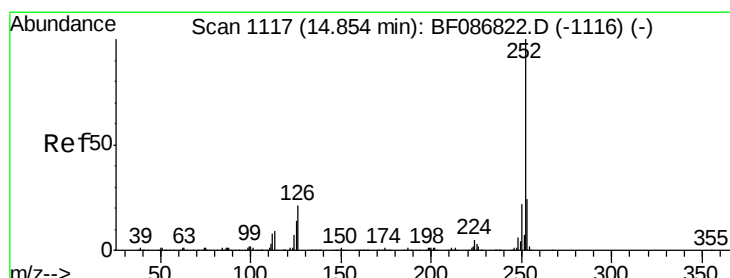
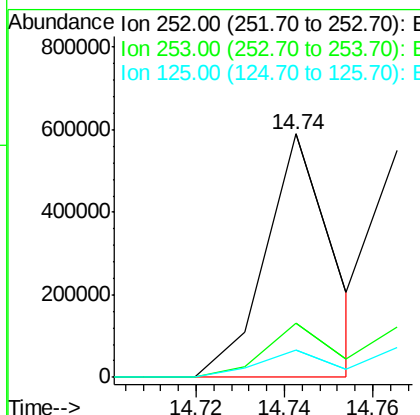
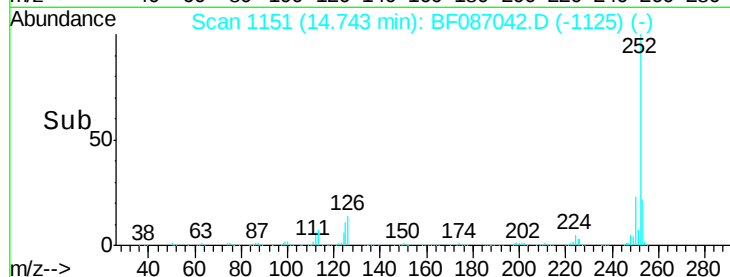
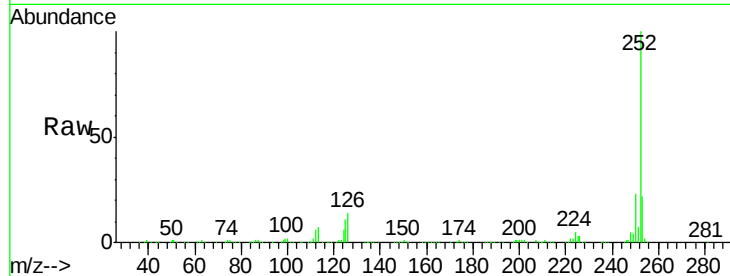
#87
Benzo(b)fluoranthene
Concen: 31.12 ng m
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

Instrument :
BNA_F
ClientSampleId :
PB90575BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	11.0	11.4	17.0

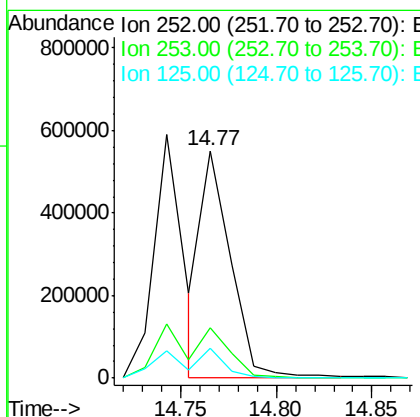
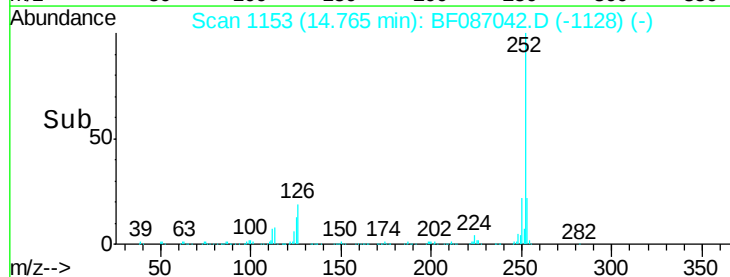
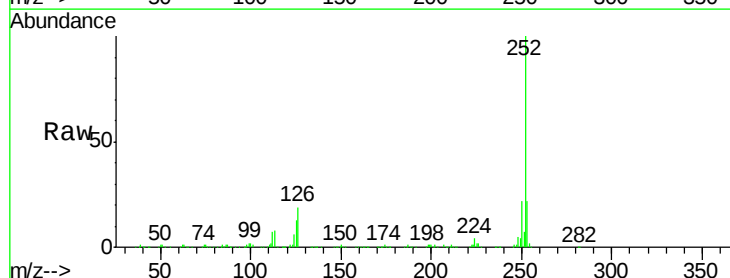
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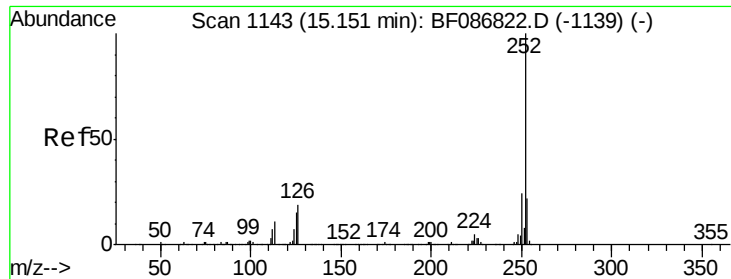
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#88
Benzo(k)fluoranthene
Concen: 37.15 ng m
RT: 14.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	12.9	9.1	13.7





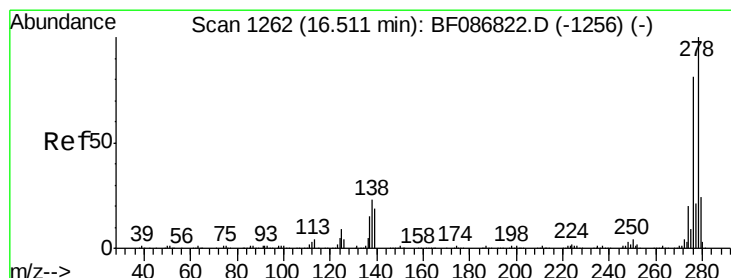
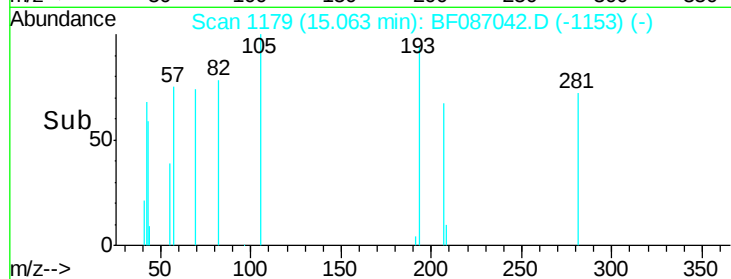
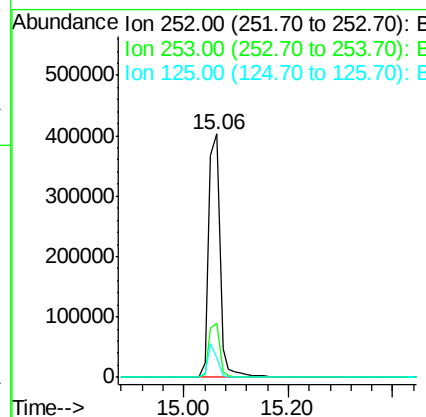
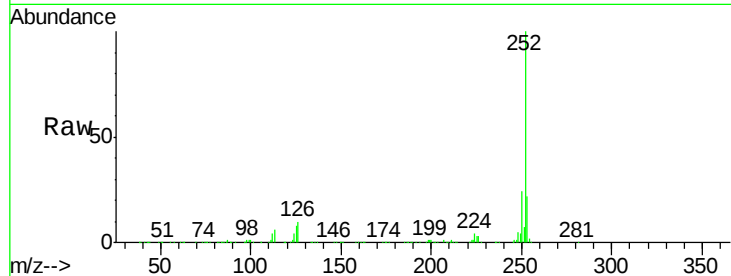
#89
Benzo(a)pyrene
Concen: 35.19 ng
RT: 15.06 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

Instrument :
BNA_F
ClientSampleId :
PB90575BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.1	17.2	25.8
125	7.9	9.0	13.6

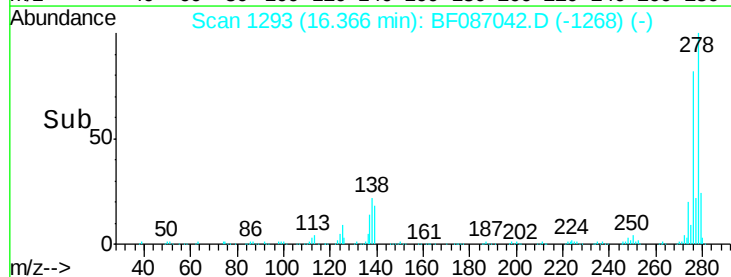
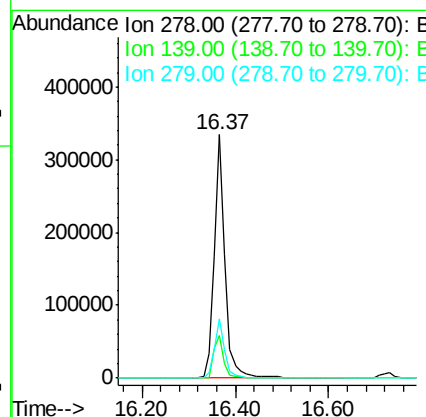
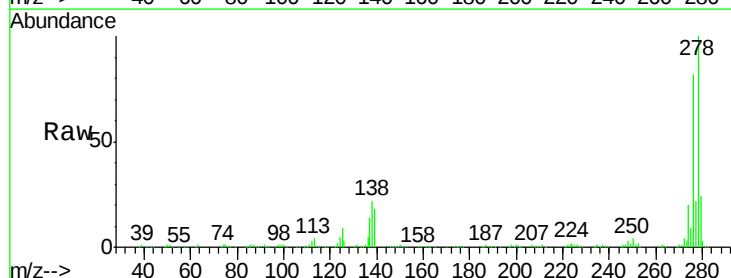
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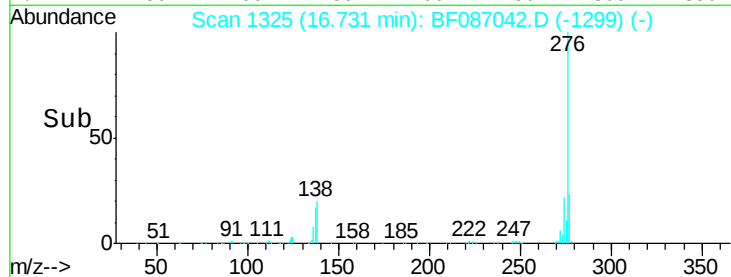
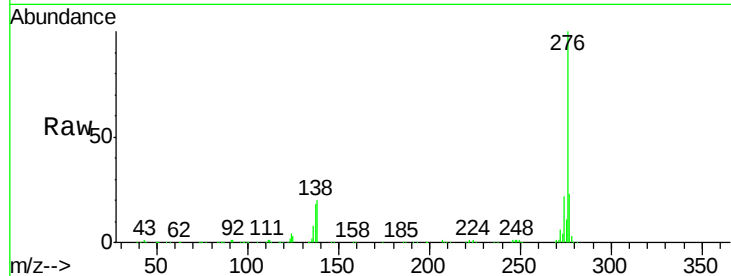
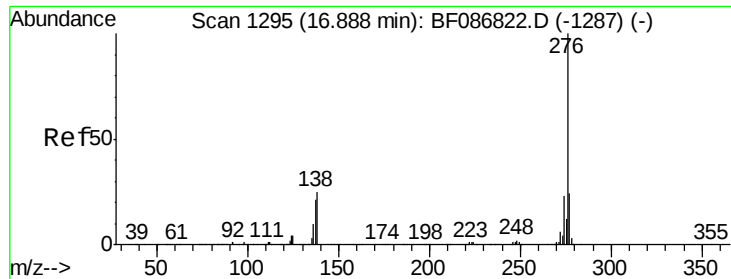
sohil
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#90
Dibenzo(a,h)anthracene
Concen: 38.08 ng
RT: 16.37 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	17.5	16.6	24.8
279	24.2	19.6	29.4





#91

Benzo(g,h,i)perylene

Concen: 37.68 ng

RT: 16.73 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Instrument :

BNA_F

ClientSampleId :

PB90575BS

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100				
277	23.3	19.6	29.4		
138	20.4	23.6	35.4		

Manual Integrations
APPROVED

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