

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071015\
 Data File : BF080415.D
 Acq On : 11 Jul 2015 5:03
 Operator : TP/UM
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071015

Manual Integrations
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Quant Time: Jul 11 05:57:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 11 05:35:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	22310	20.00	ng	-0.01
21) Naphthalene-d8	8.43	136	92784	20.00	ng	0.00
38) Acenaphthene-d10	10.19	164	50053	20.00	ng	0.00
63) Phenanthrene-d10	11.69	188	105675	20.00	ng	0.00
75) Chrysene-d12	14.53	240	112345	20.00	ng	0.00
86) Perylene-d12	16.28	264	103911	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.79	112	95688	73.50	ng	0.00
7) Phenol-d6	6.80	99	133740	77.10	ng	0.00
23) Nitrobenzene-d5	7.71	82	121820	74.88	ng	0.00
41) 2,4,6-Tribromophenol	10.99	330	34720	71.07	ng	0.00
44) 2-Fluorobiphenyl	9.50	172	271140	72.96	ng	0.00
78) Terphenyl-d14	13.31	244	341813	66.08	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.92	88	20095	32.06	ng	91
3) Pyridine	3.94	79	52279	37.56	ng	94
4) n-Nitrosodimethylamine	3.72	42	26387	34.57	ng	95
6) Aniline	6.82	93	83554	38.63	ng	# 77
8) 2-Chlorophenol	6.94	128	56537	36.05	ng	96
9) Benzaldehyde	6.70	77	33079	34.47	ng	94
10) Phenol	6.81	94	78326	40.86	ng	89
11) bis(2-Chloroethyl)ether	6.88	93	57222	36.26	ng	93
12) 1,3-Dichlorobenzene	7.08	146	68617	38.69	ng	96
13) 1,4-Dichlorobenzene	7.16	146	75514	37.76	ng	98
14) 1,2-Dichlorobenzene	7.32	146	67176	35.45	ng	97
15) Benzyl Alcohol	7.30	79	54529	38.19	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.41	45	83371	36.63	ng	74
17) 2-Methylphenol	7.41	107	45928	33.69	ng	98
18) Hexachloroethane	7.66	117	22370	36.25	ng	93
19) n-Nitroso-di-n-propylamine	7.55	70	45217	38.09	ng	# 82
20) 3+4-Methylphenols	7.56	107	67426	39.36	ng	# 65
22) Acetophenone	7.56	105	80237	36.09	ng	# 96
24) Nitrobenzene	7.73	77	67871	37.71	ng	95
25) Isophorone	7.97	82	120312	41.26	ng	# 93
26) 2-Nitrophenol	8.05	139	29673	34.35	ng	95
27) 2,4-Dimethylphenol	8.09	122	56792	41.76	ng	96
28) bis(2-Chloroethoxy)methane	8.17	93	64368	36.48	ng	# 97
29) 2,4-Dichlorophenol	8.29	162	49646	39.54	ng	88
30) 1,2,4-Trichlorobenzene	8.37	180	57618	34.70	ng	97
31) Naphthalene	8.45	128	189260	37.30	ng	100
32) Benzoic acid	8.19	122	34389	35.97	ng	100
33) 4-Chloroaniline	8.51	127	69418	40.36	ng	95
34) Hexachlorobutadiene	8.57	225	35791	37.13	ng	98
35) Caprolactam	8.89	113	13044	36.33	ng	96
36) 4-Chloro-3-methylphenol	8.99	107	53973	40.60	ng	# 79
37) 2-Methylnaphthalene	9.14	142	117333	35.04	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	9.31	216	60783	36.29	ng	97
40) Hexachlorocyclopentadiene	9.30	237	31648	36.22	ng	99

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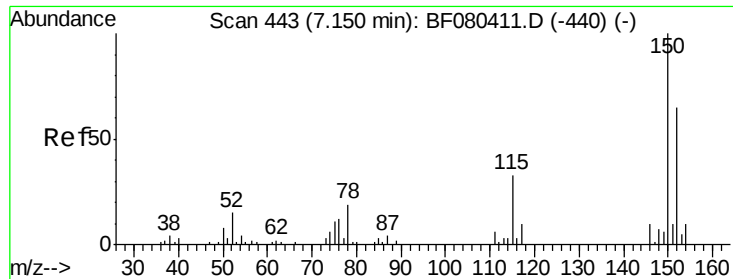
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.42	196	35543	36.85	ng	95
43) 2,4,5-Trichlorophenol	9.47	196	40881	39.50	ng	92
45) 1,1'-Biphenyl	9.61	154	156464	35.86	ng	98
46) 2-Chloronaphthalene	9.63	162	113106	35.12	ng	# 89
47) 2-Nitroaniline	9.74	65	31928	32.86	ng	86
48) Acenaphthylene	10.05	152	210982	38.30	ng	99
49) Dimethylphthalate	9.90	163	145313	38.41	ng	# 97
50) 2,6-Dinitrotoluene	9.97	165	31177	36.71	ng	# 82
51) Acenaphthene	10.22	154	133035	37.99	ng	99
52) 3-Nitroaniline	10.16	138	32243	38.89	ng	89
53) 2,4-Dinitrophenol	10.25	184	13000	37.64	ng	# 52
54) Dibenzofuran	10.40	168	172587	37.22	ng	97
55) 4-Nitrophenol	10.33	139	23372	37.62	ng	89
56) 2,4-Dinitrotoluene	10.37	165	38944	39.22	ng	87
57) Fluorene	10.74	166	142163	36.39	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.52	232	36106m	39.76	ng	
59) Diethylphthalate	10.60	149	141433	38.18	ng	99
60) 4-Chlorophenyl-phenylether	10.73	204	70580	37.51	ng	94
61) 4-Nitroaniline	10.77	138	31820	38.38	ng	89
62) Azobenzene	10.89	77	147396	36.86	ng	96
64) 4,6-Dinitro-2-methylphenol	10.78	198	21942	37.96	ng	# 79
65) n-Nitrosodiphenylamine	10.84	169	112573	34.17	ng	99
66) 4-Bromophenyl-phenylether	11.22	248	41238	36.61	ng	91
67) Hexachlorobenzene	11.29	284	38361	33.93	ng	# 53
68) Atrazine	11.37	200	34071	33.26	ng	93
69) Pentachlorophenol	11.49	266	25181	38.99	ng	98
70) Phenanthrene	11.71	178	232541	36.63	ng	99
71) Anthracene	11.76	178	212783	36.19	ng	98
72) Carbazole	11.93	167	197946	36.48	ng	98
73) Di-n-butylphthalate	12.24	149	219141	38.20	ng	99
74) Fluoranthene	12.93	202	247997	37.67	ng	98
76) Benzidine	13.07	184	80058	36.47	ng	98
77) Pyrene	13.17	202	253507	35.22	ng	100
79) Butylbenzylphthalate	13.84	149	106250	38.94	ng	93
80) Benzo(a)anthracene	14.52	228	248803	35.14	ng	99
81) 3,3'-Dichlorobenzidine	14.48	252	77739	36.73	ng	# 98
82) Chrysene	14.56	228	236406	36.26	ng	99
83) Bis(2-ethylhexyl)phthalate	14.48	149	157517	36.79	ng	# 94
84) Di-n-octyl phthalate	15.24	149	268139	35.55	ng	98
85) Indeno(1,2,3-cd)pyrene	17.94	276	269494	33.28	ng	99
87) Benzo(b)fluoranthene	15.79	252	240660	33.34	ng	# 97
88) Benzo(k)fluoranthene	15.83	252	245142m	41.53	ng	
89) Benzo(a)pyrene	16.20	252	231627	36.62	ng	# 98
90) Dibenzo(a,h)anthracene	17.95	278	219462	35.03	ng	98
91) Benzo(g,h,i)perylene	18.44	276	218428	35.10	ng	98

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



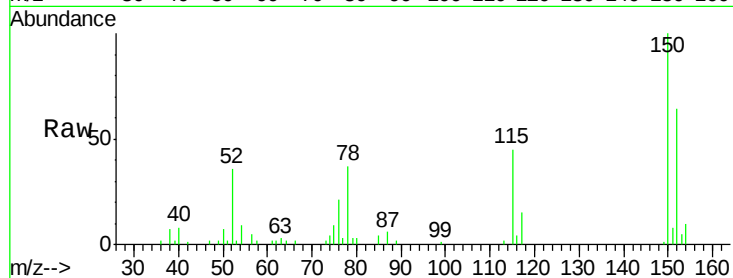
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.14 min Scan# 442
 Delta R.T. -0.01 min
 Lab File: BF080415.D
 Acq: 11 Jul 2015 5:03

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 ICVBF071015

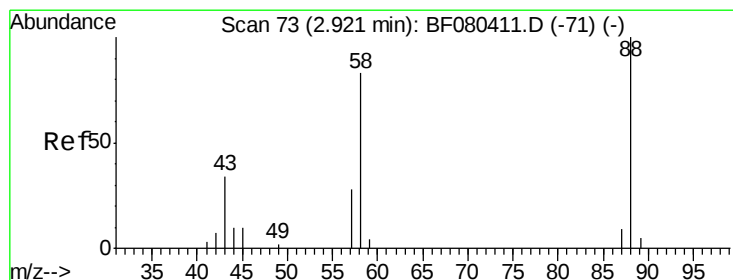
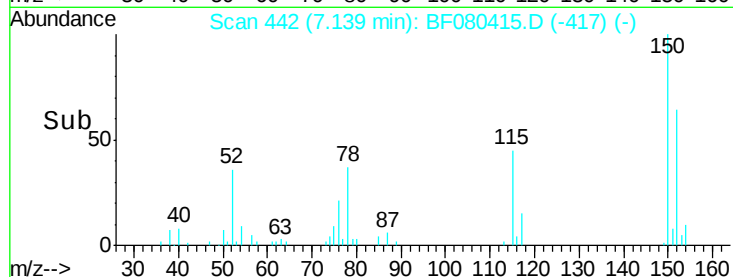
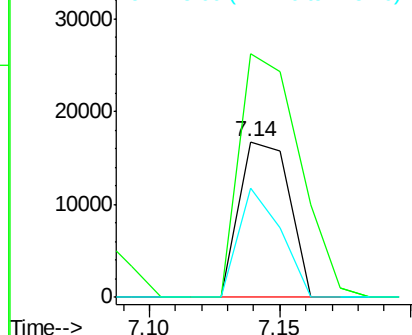
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.4	122.3	183.5
115	70.4	41.0	61.4

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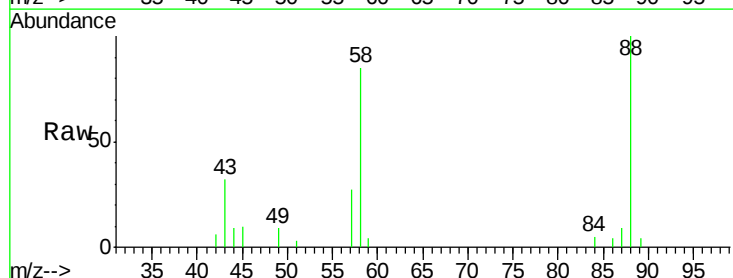


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

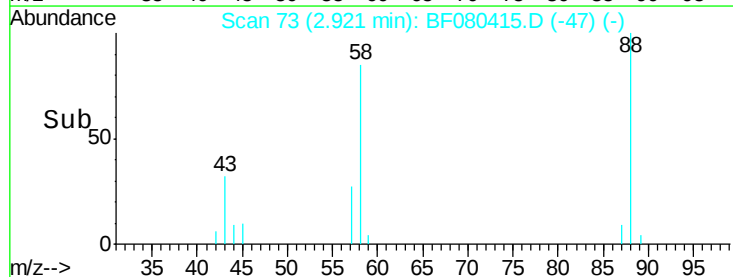
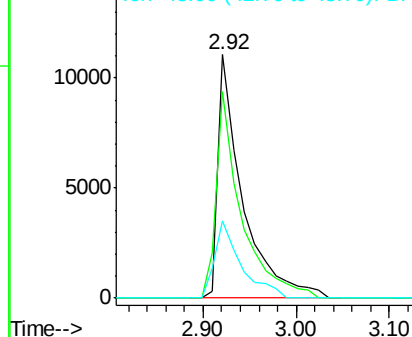


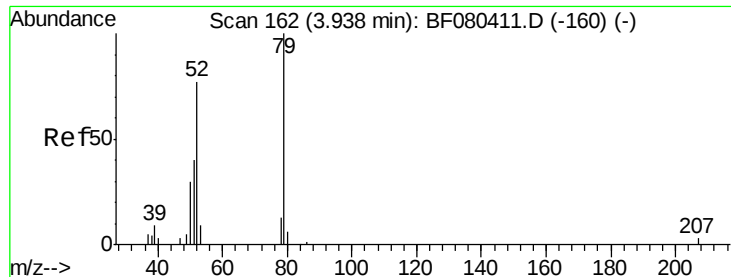
#2
 1,4-Dioxane
 Concen: 32.06 ng
 RT: 2.92 min Scan# 73
 Delta R.T. 0.00 min
 Lab File: BF080415.D
 Acq: 11 Jul 2015 5:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.8	62.4	93.6
43	34.4	24.4	36.6



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: 37.56 ng

RT: 3.94 min Scan# 162

Delta R.T. 0.00 min

Lab File: BF080415.D

Acq: 11 Jul 2015 5:03

Instrument :

BNA_F

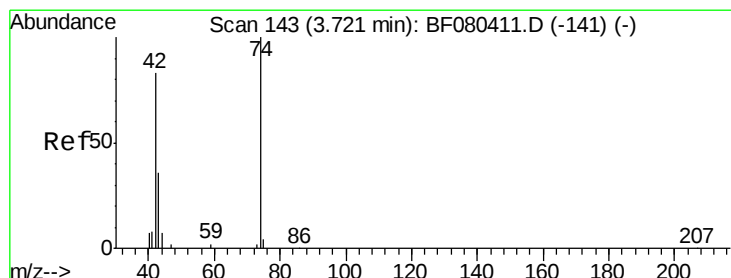
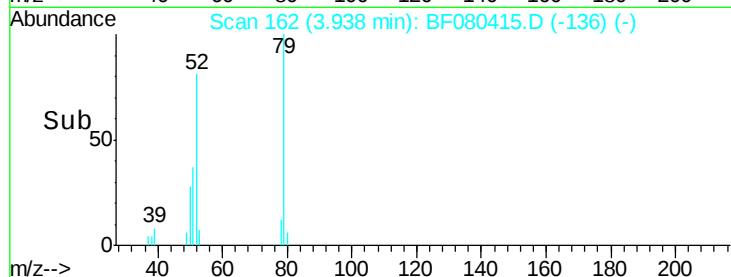
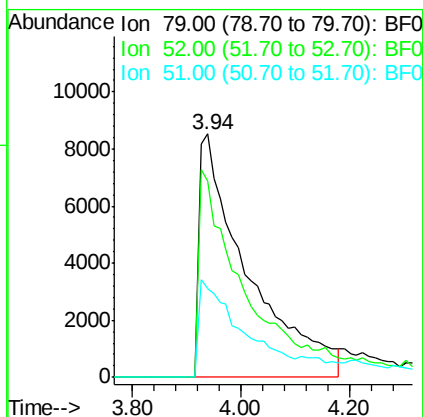
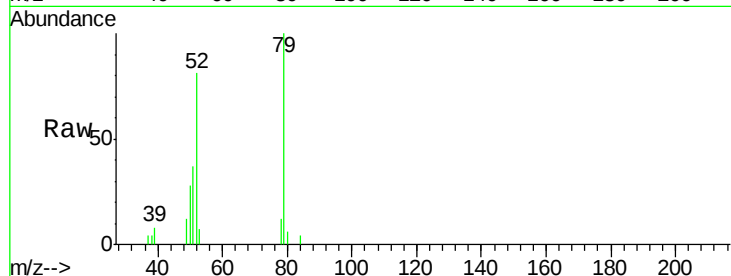
ClientSampleId :

ICVBF071015

Tgt Ion:	79	Resp:	52279
Ion Ratio	Lower	Upper	
79	100		
52	80.6	61.6	92.4
51	36.6	34.5	51.7

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#4

n-Nitrosodimethylamine

Concen: 34.57 ng

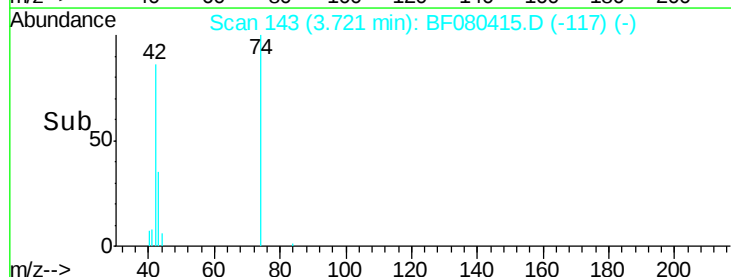
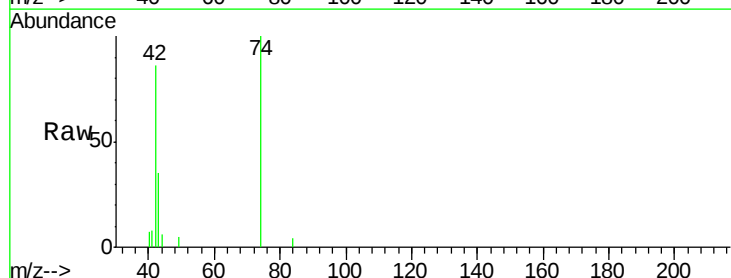
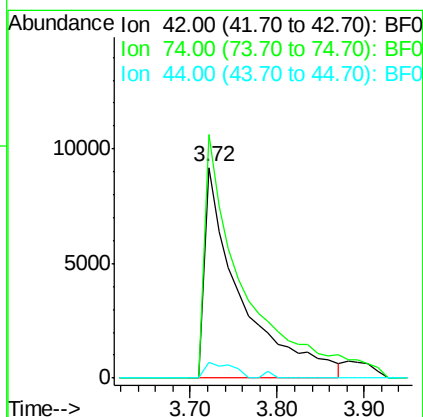
RT: 3.72 min Scan# 143

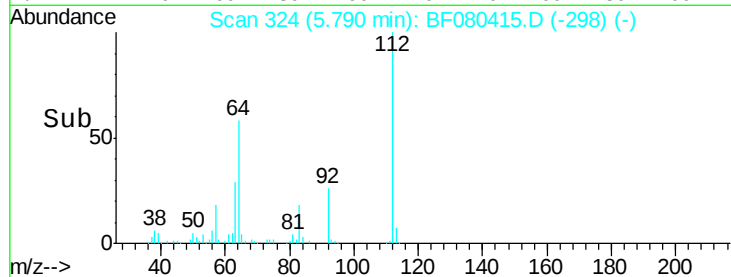
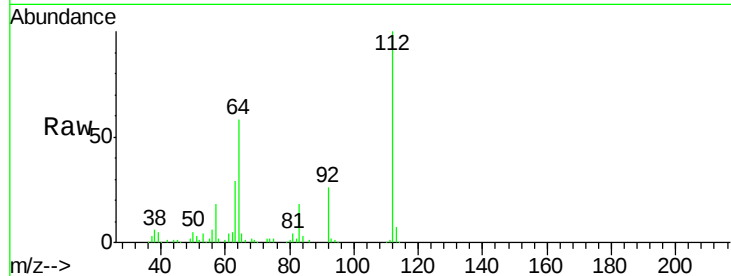
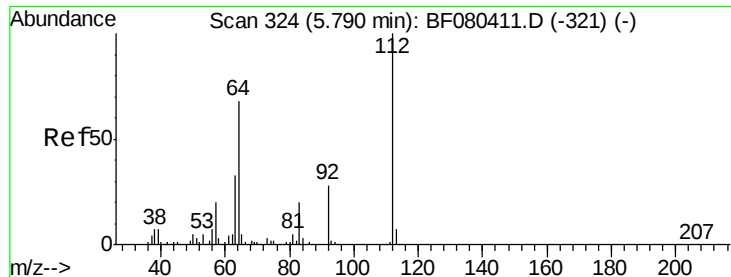
Delta R.T. 0.00 min

Lab File: BF080415.D

Acq: 11 Jul 2015 5:03

Tgt Ion:	42	Resp:	26387
Ion Ratio	Lower	Upper	
42	100		
74	115.8	97.0	145.4
44	7.2	6.3	9.5





#5

2-Fluorophenol

Concen: 73.50 ng

RT: 5.79 min Scan# 324

Delta R.T. 0.00 min

Lab File: BF080415.D

Acq: 11 Jul 2015 5:03

Tgt Ion:	112	Resp:	95688
Ion Ratio	Lower	Upper	
112	100		
64	58.1	54.3	81.5
63	28.5	26.7	40.1

Instrument :

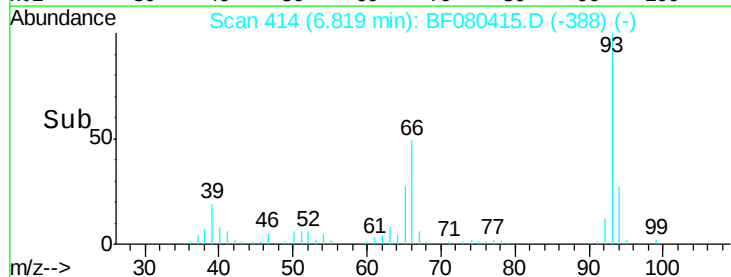
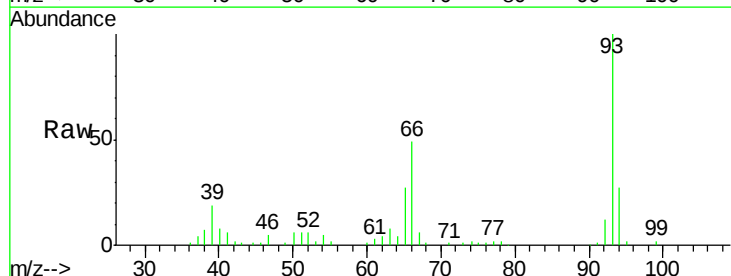
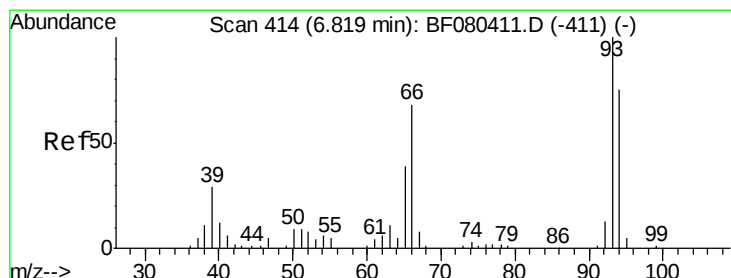
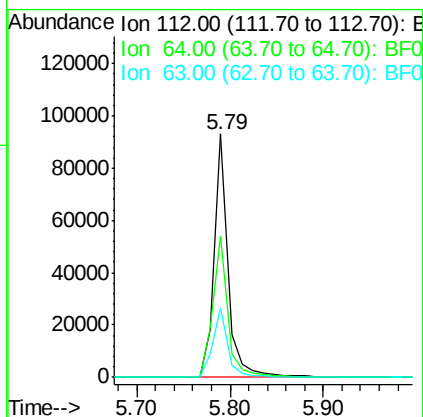
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#6

Aniline

Concen: 38.63 ng

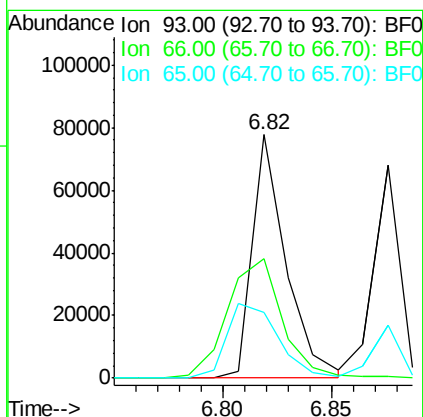
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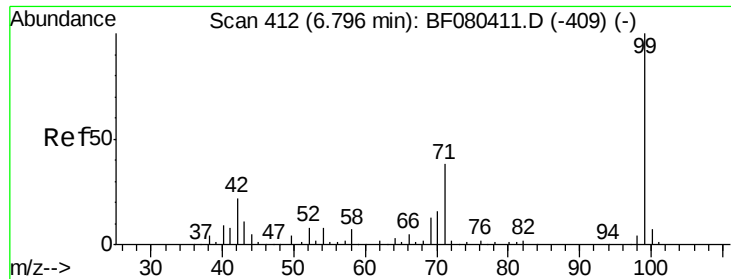
Delta R.T. 0.00 min

Lab File: BF080415.D

Acq: 11 Jul 2015 5:03

Tgt Ion:	93	Resp:	83554
Ion Ratio	Lower	Upper	
93	100		
66	49.0	54.8	82.2#
65	27.2	31.4	47.2#





#7

Phenol-d6

Concen: 77.10 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF080415.D

Acq: 11 Jul 2015 5:03

Instrument :

BNA_F

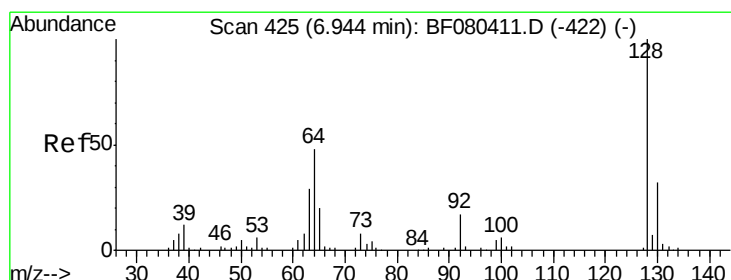
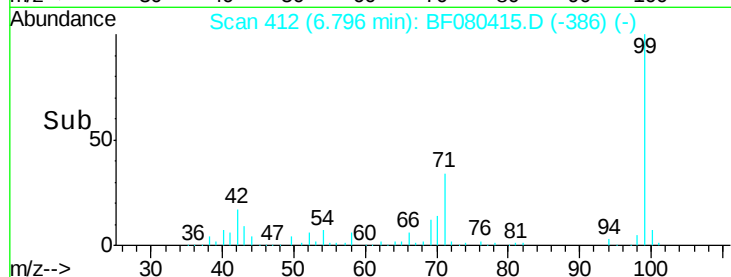
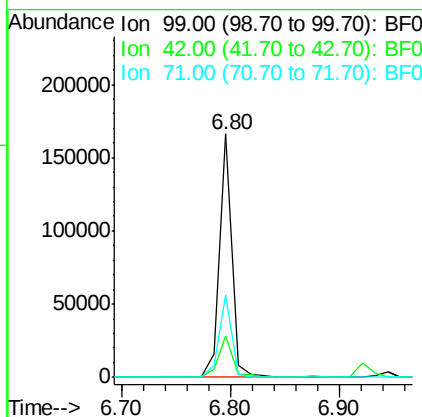
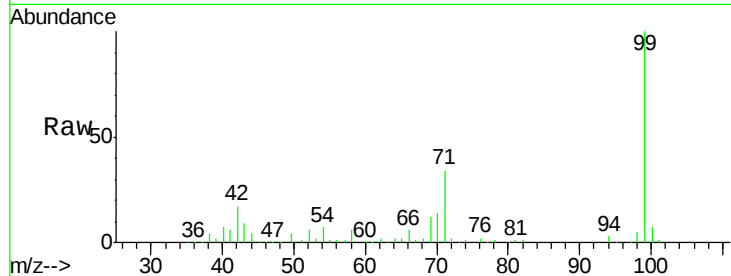
ClientSampleId :

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Tgt Ion:	99	Resp:	133740
Ion Ratio	Lower	Upper	
99	100		
42	17.1	17.9	26.9#
71	33.7	30.1	45.1

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#8

2-Chlorophenol

Concen: 36.05 ng

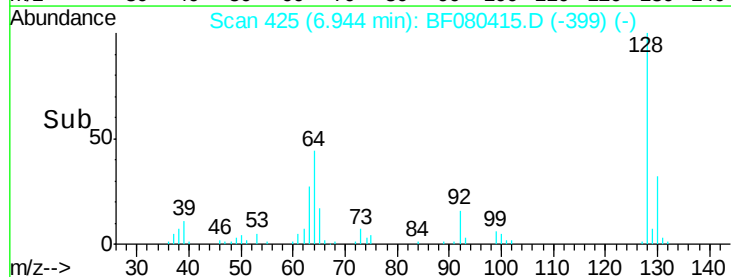
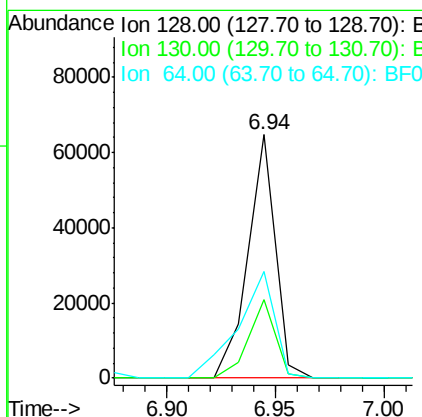
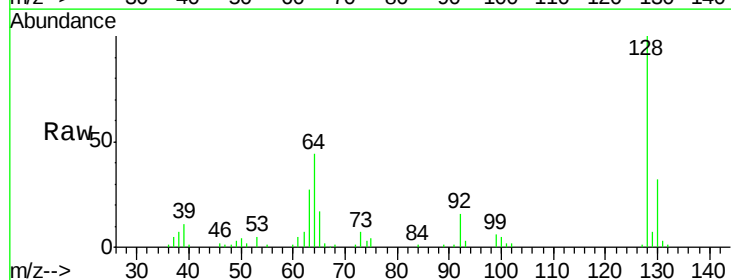
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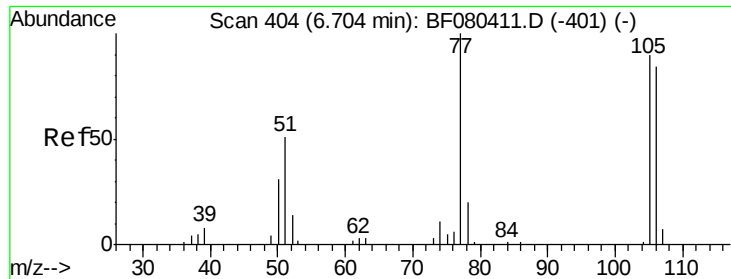
Delta R.T. 0.00 min

Lab File: BF080415.D

Acq: 11 Jul 2015 5:03

Tgt Ion:	128	Resp:	56537
Ion Ratio	Lower	Upper	
128	100		
130	32.4	11.7	51.7
64	43.6	28.0	68.0





#9

Benzaldehyde

Concen: 34.47 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF080415.D

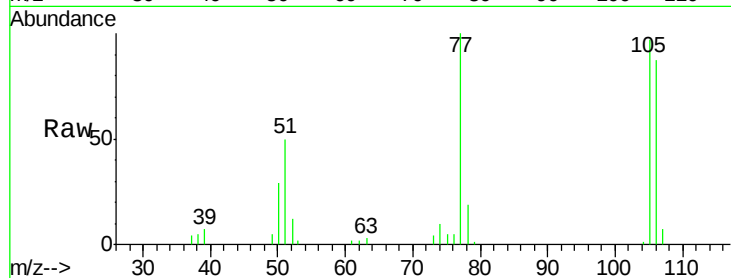
Acq: 11 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

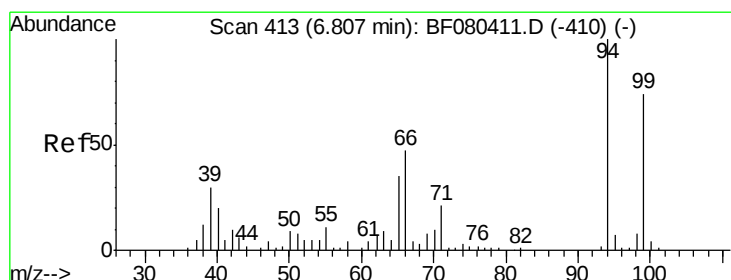
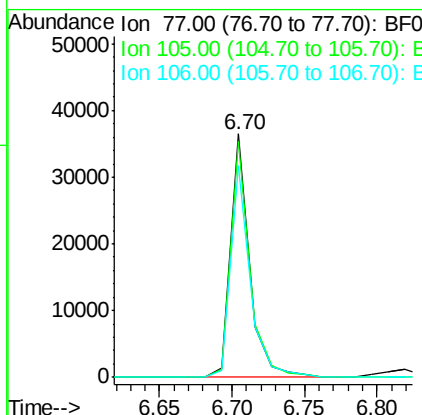
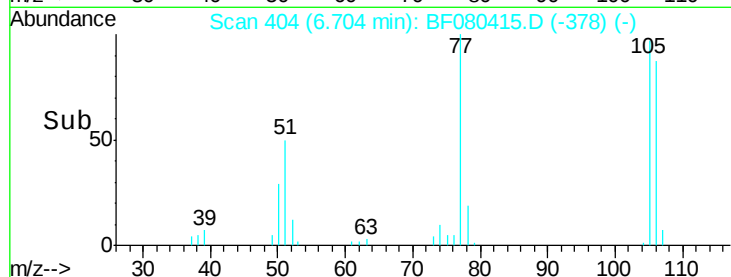
ICVBF071015



Tgt Ion:	77	Resp:	33079
Ion	Ratio	Lower	Upper
77	100		
105	96.7	69.6	109.6
106	87.2	63.6	103.6

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#10

Phenol

Concen: 40.86 ng

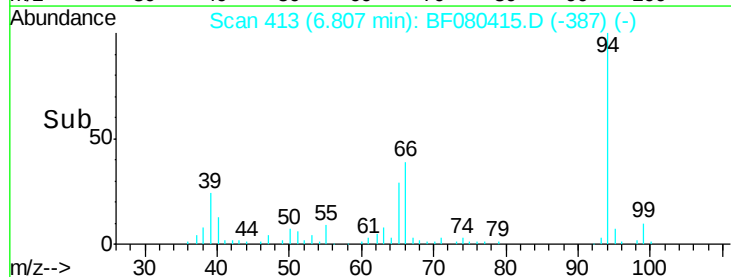
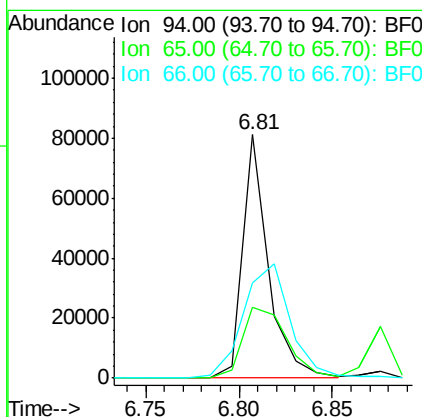
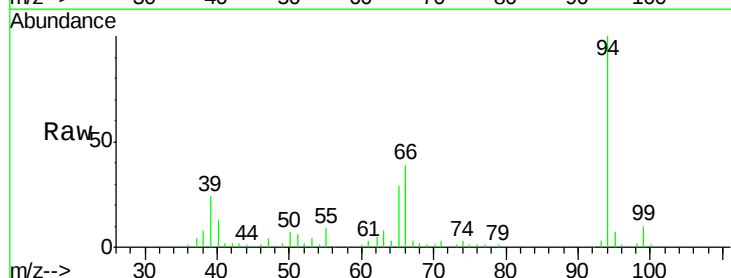
RT: 6.81 min Scan# 413

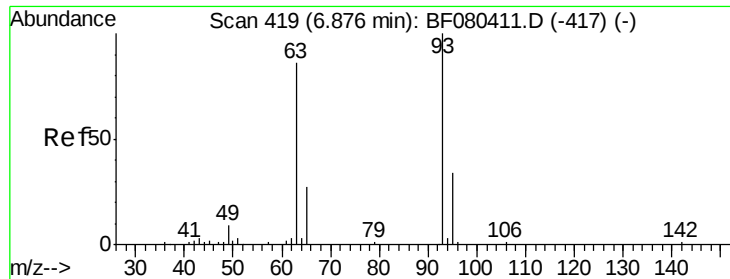
Delta R.T. 0.00 min

Lab File: BF080415.D

Acq: 11 Jul 2015 5:03

Tgt Ion:	94	Resp:	78326
Ion	Ratio	Lower	Upper
94	100		
65	29.2	15.0	55.0
66	39.3	27.1	67.1





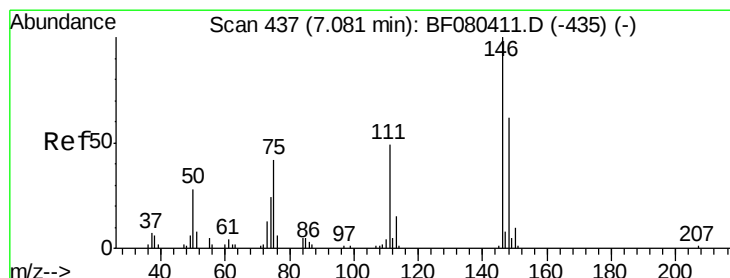
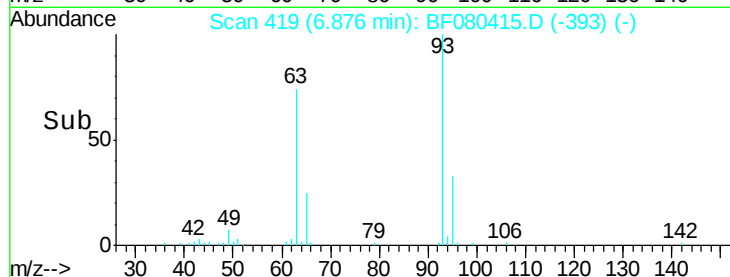
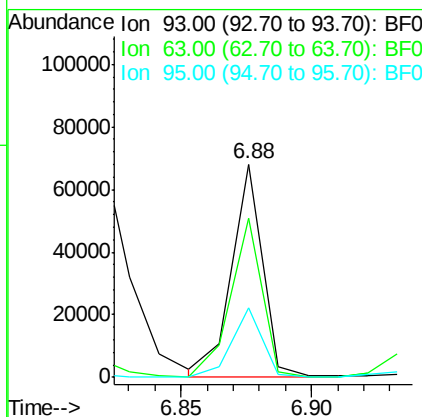
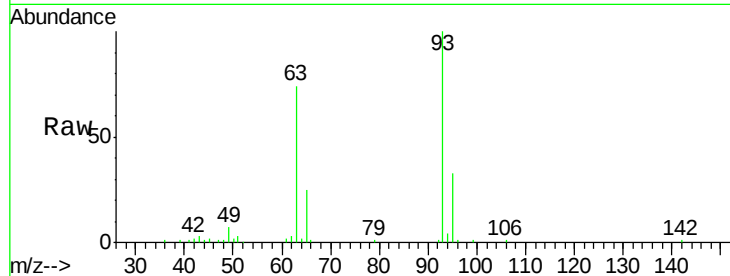
#11
bis(2-Chloroethyl)ether
Concen: 36.26 ng
RT: 6.88 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Instrument :
BNA_F
ClientSampleId :
ICVBF071015

Tgt Ion	Ratio	Lower	Upper
93	100		
63	74.5	62.9	102.9
95	32.5	12.2	52.2

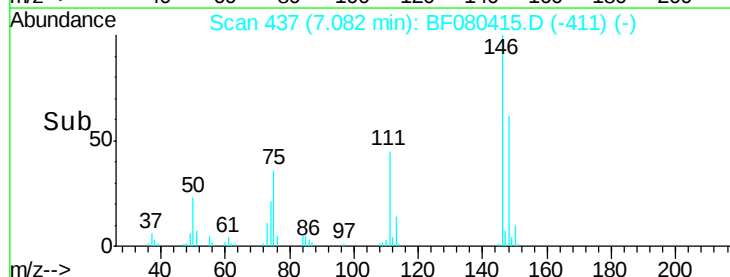
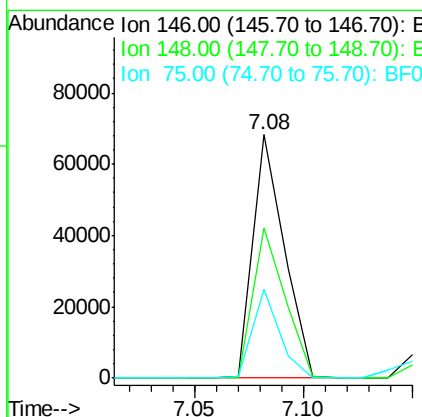
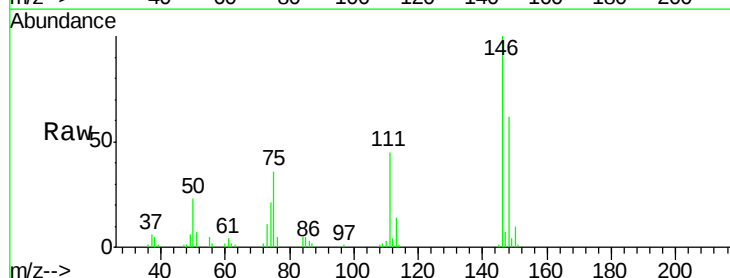
Manual Integrations
APPROVED

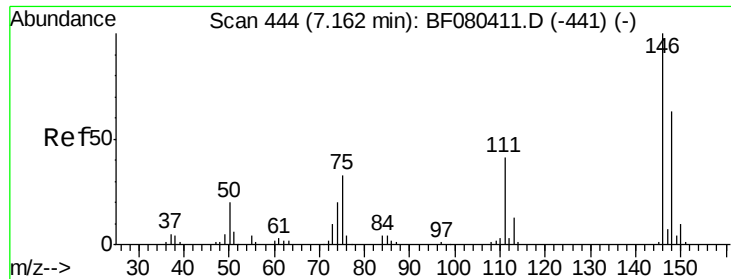
apatel
7/13/2015 3:31:32 PM



#12
1,3-Dichlorobenzene
Concen: 38.69 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	49.5	74.3
75	36.3	33.4	50.2





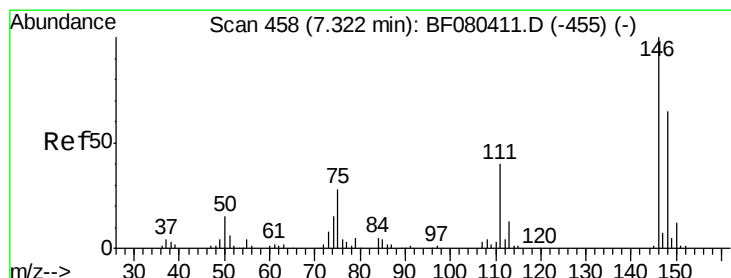
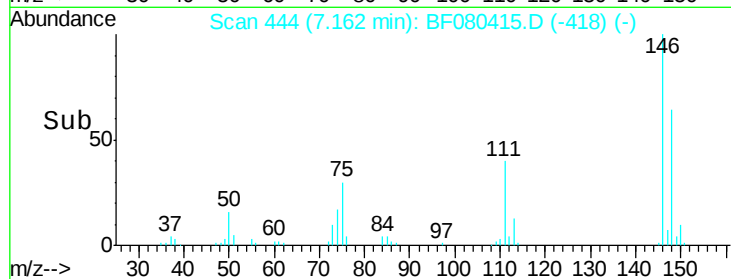
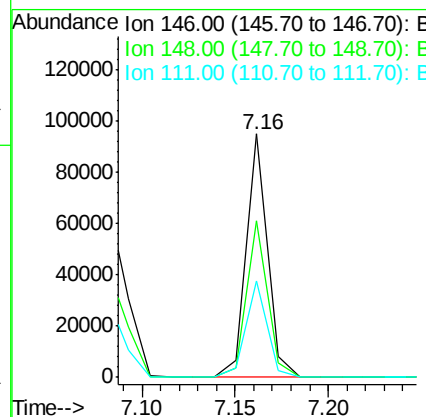
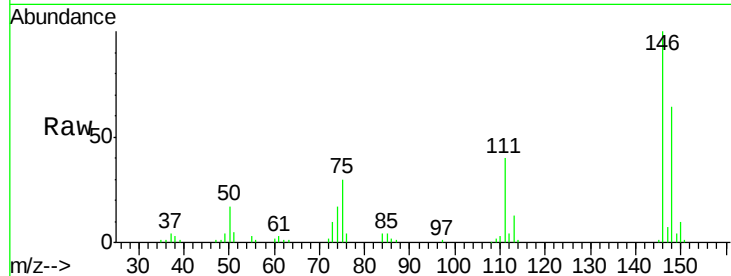
#13
 1,4-Dichlorobenzene
 Concen: 37.76 ng
 RT: 7.16 min Scan# 444
 Delta R.T. 0.00 min
 Lab File: BF080415.D
 Acq: 11 Jul 2015 5:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071015

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	75514		
148	64.4	50.3	75.5	
111	39.7	33.1	49.7	

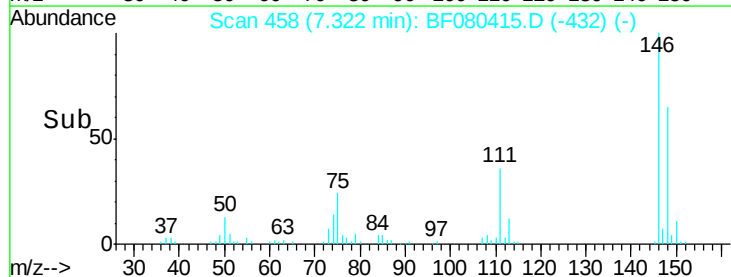
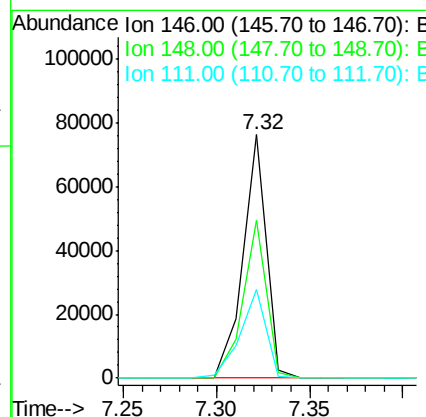
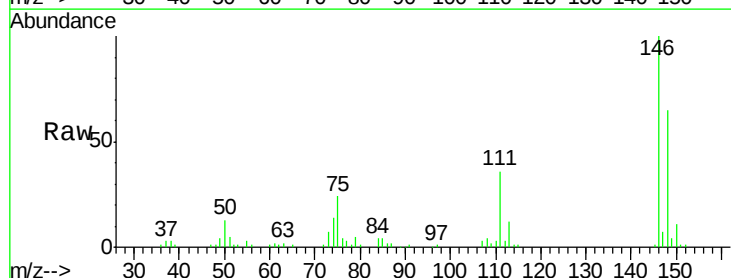
Manual Integrations
 APPROVED

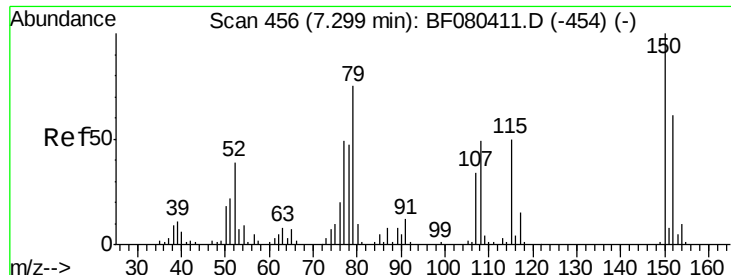
apatel
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#14
 1,2-Dichlorobenzene
 Concen: 35.45 ng
 RT: 7.32 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BF080415.D
 Acq: 11 Jul 2015 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	67176		
148	64.7	52.2	78.4	
111	36.3	32.2	48.2	





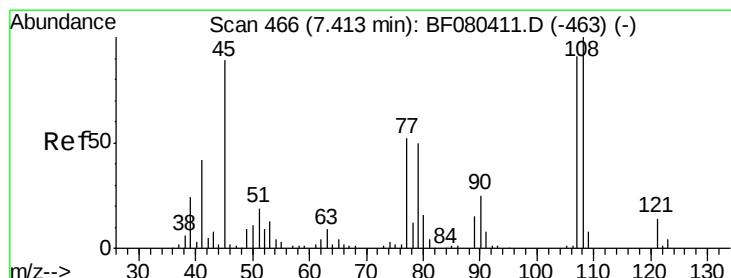
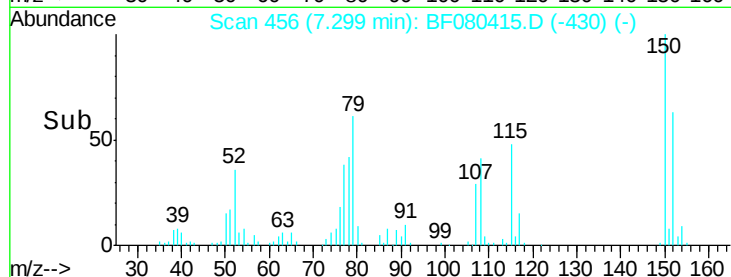
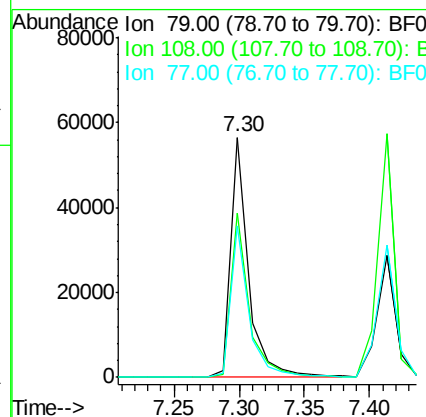
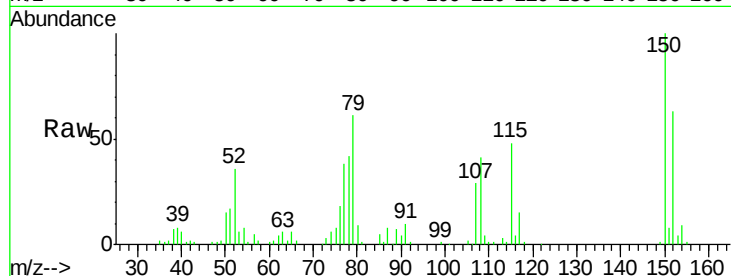
#15
Benzyl Alcohol
Concen: 38.19 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Instrument :
BNA_F
ClientSampleId :
ICVBF071015

Tgt Ion	Ratio	Lower	Upper
79	100		
108	68.4	51.6	77.4
77	63.2	52.2	78.2

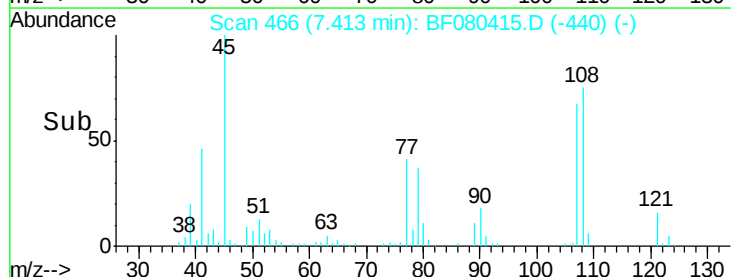
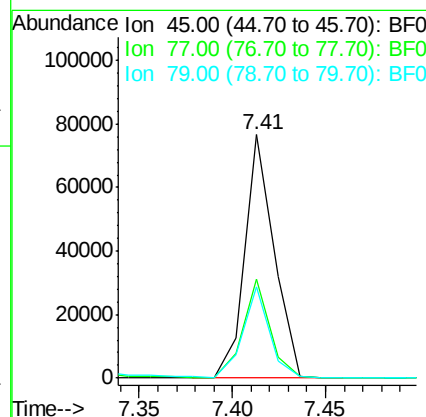
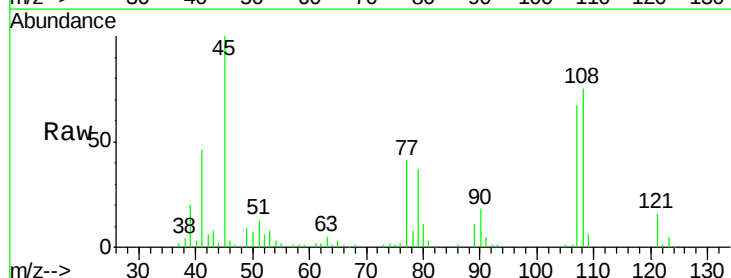
Manual Integrations
APPROVED

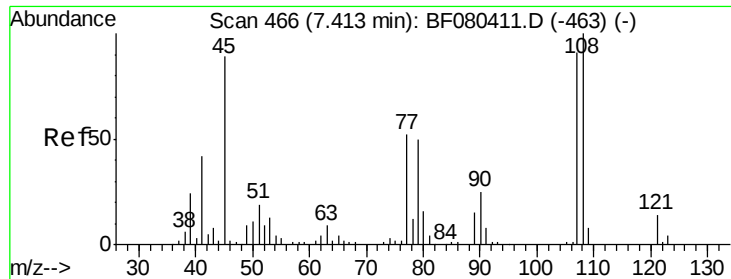
apatel
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.63 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

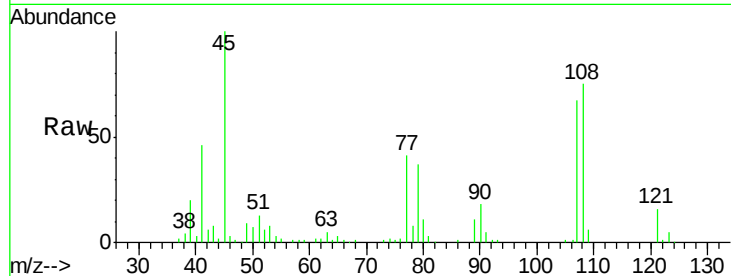
Tgt Ion	Ratio	Lower	Upper
45	100		
77	40.8	39.1	79.1
79	37.4	37.2	77.2





#17
2-Methylphenol
Concen: 33.69 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

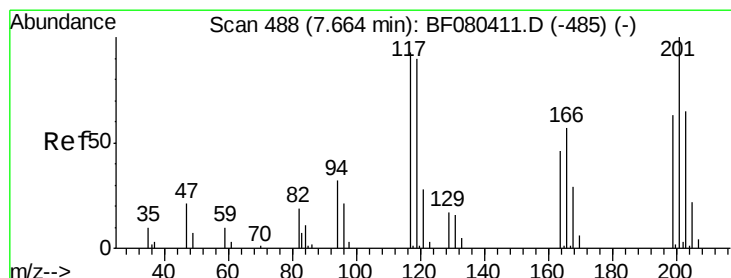
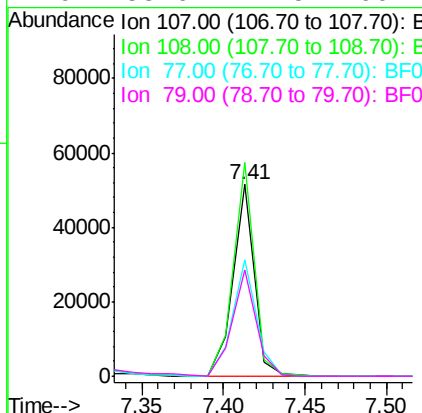
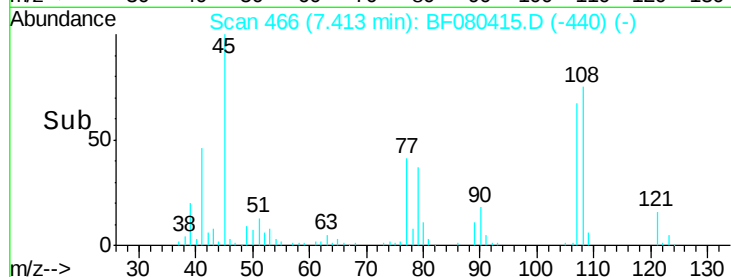
Instrument :
BNA_F
ClientSampleId :
ICVBF071015



Tgt Ion:	107	Resp:	45928
Ion Ratio	Lower	Upper	
107	100		
108	111.3	88.0	132.0
77	60.6	45.9	68.9
79	55.6	44.5	66.7

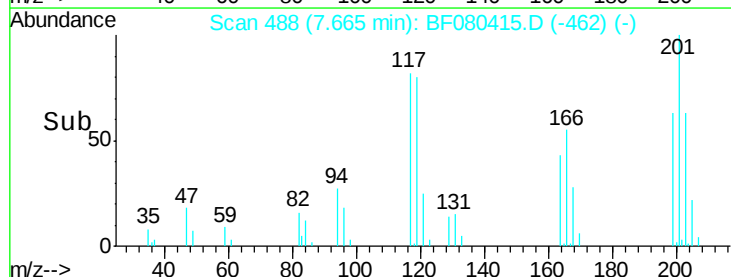
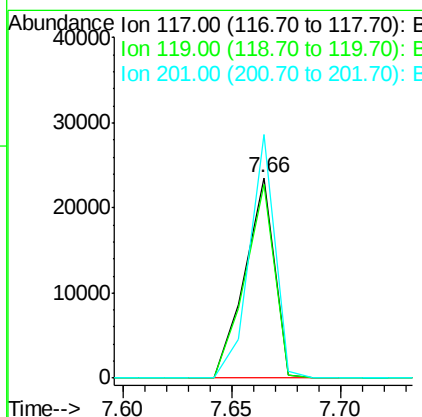
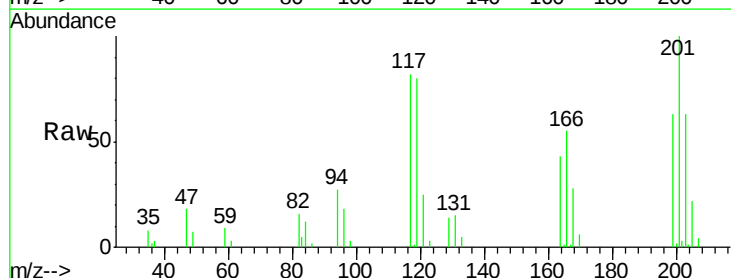
Manual Integrations
APPROVED

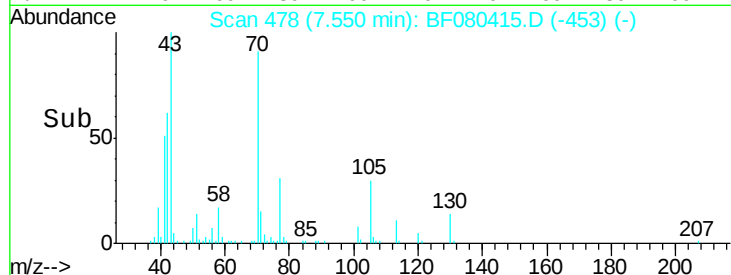
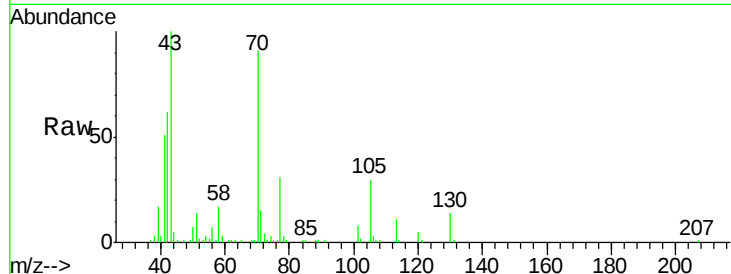
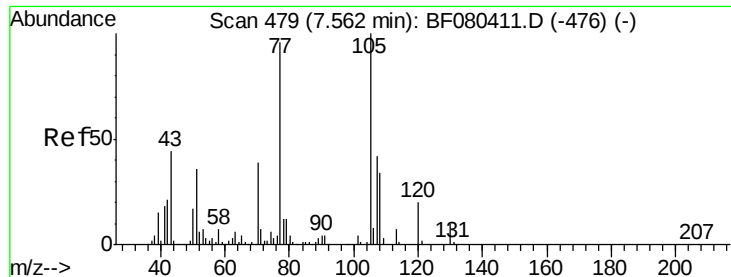
apatel
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#18
Hexachloroethane
Concen: 36.25 ng
RT: 7.66 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Tgt Ion:	117	Resp:	22370
Ion Ratio	Lower	Upper	
117	100		
119	96.5	78.1	117.1
201	121.3	86.5	129.7





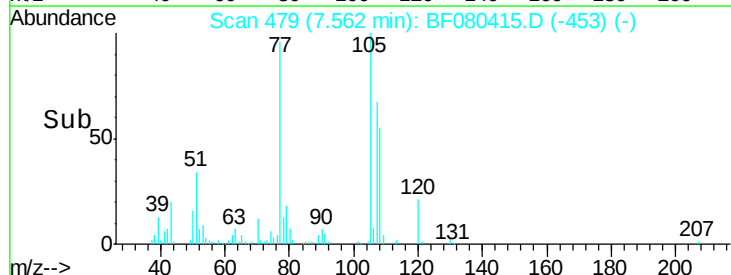
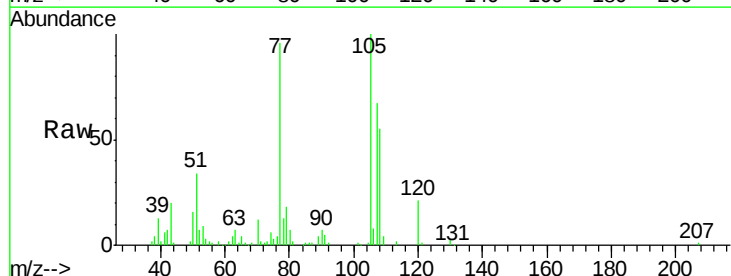
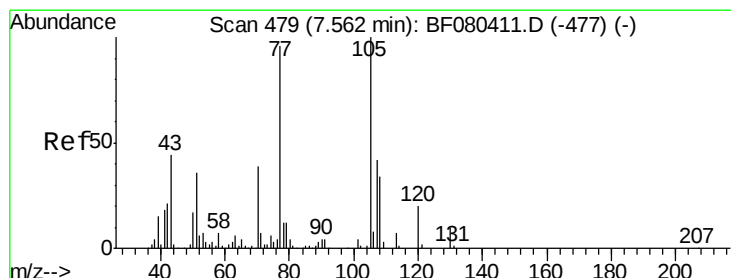
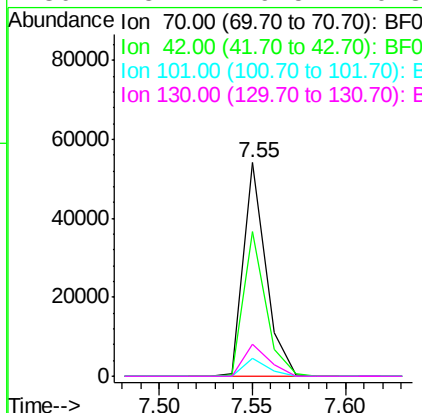
#19
n-Nitroso-di-n-propylamine
Concen: 38.09 ng
RT: 7.55 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Instrument :
BNA_F
ClientSampleId :
ICVBF071015

Tgt Ion	Ratio	Lower	Upper
70	100		
42	67.8	43.4	65.0#
101	8.2	9.0	13.6#
130	15.1	19.5	29.3#

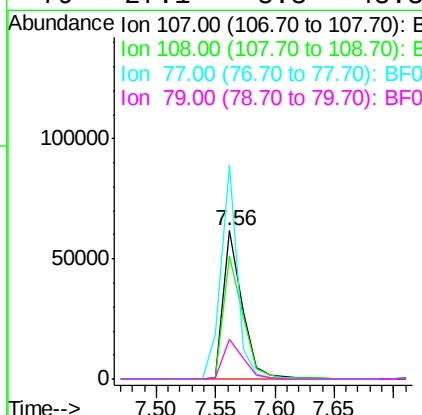
Manual Integrations
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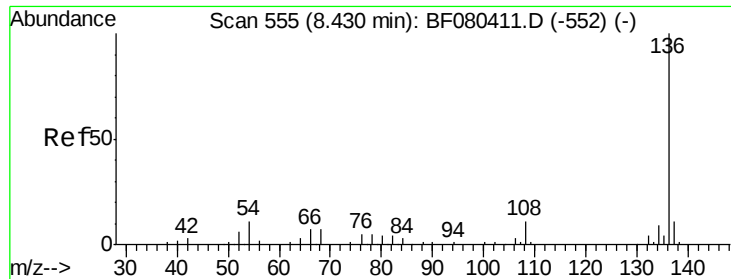
apatel
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#20
3+4-Methylphenols
Concen: 39.36 ng
RT: 7.56 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.5	60.8	100.8
77	143.9	207.5	247.5#
79	27.1	8.3	48.3





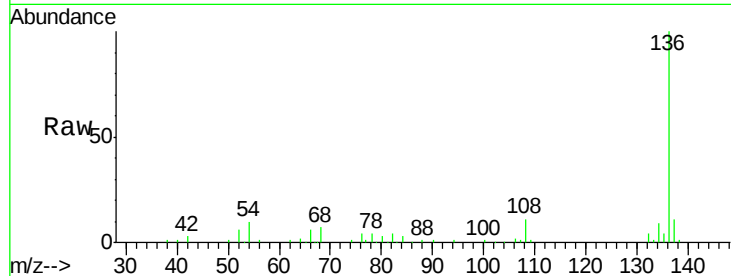
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.43 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Instrument :
BNA_F
ClientSampleId :
ICVBF071015

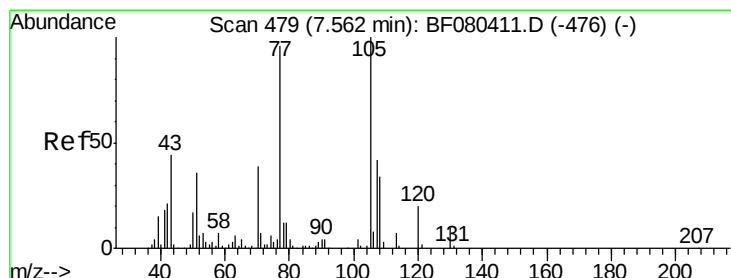
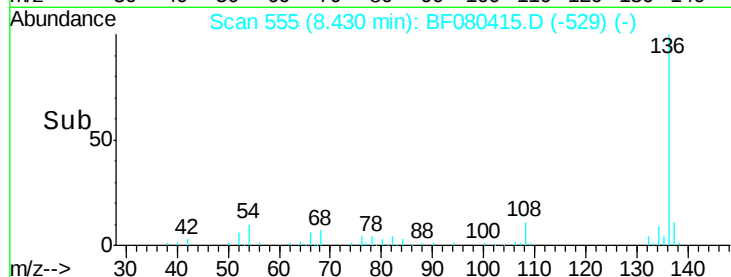
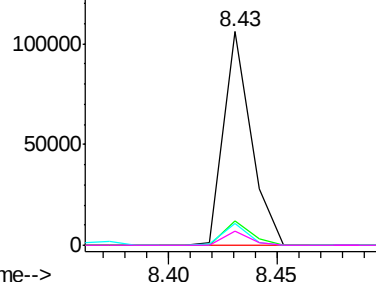
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	92784		
137	11.2	9.0	13.4	
54	10.4	9.1	13.7	
68	6.8	5.9	8.9	

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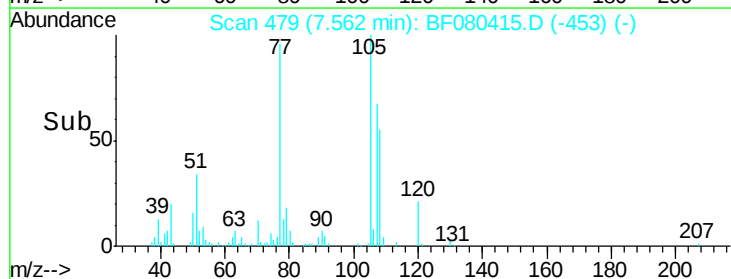
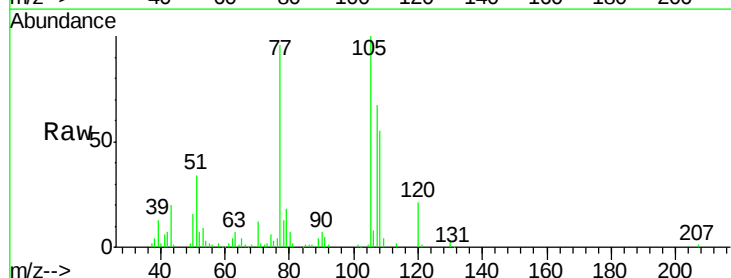
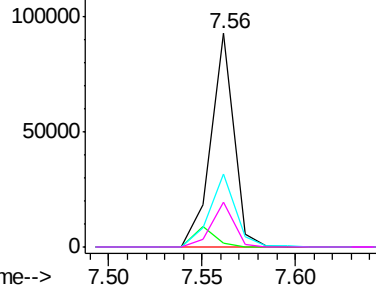
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

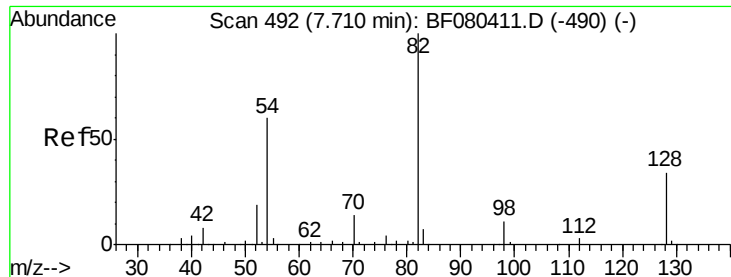


#22
Acetophenone
Concen: 36.09 ng
RT: 7.56 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	80237		
71	2.0	5.2	7.8#	
51	33.9	28.7	43.1	
120	21.0	16.4	24.6	

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





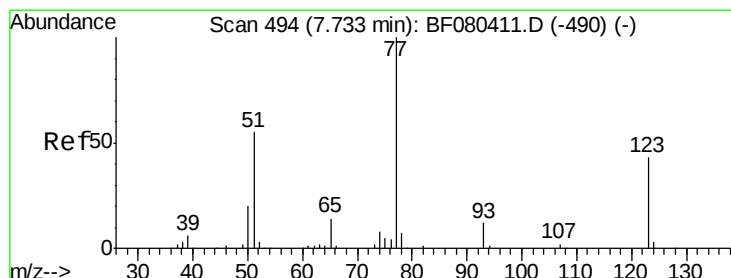
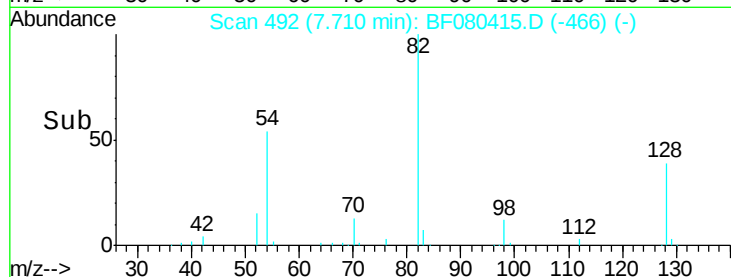
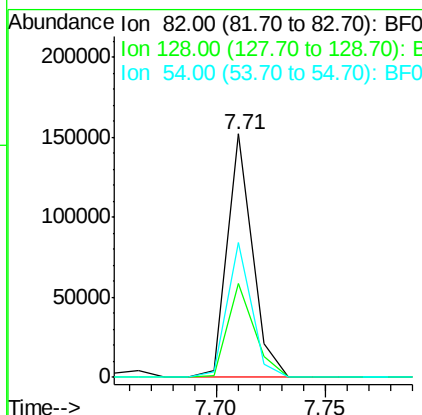
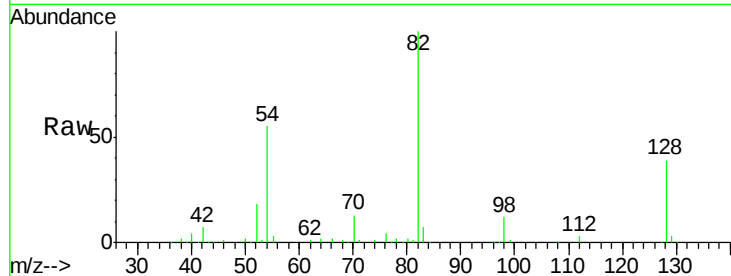
#23
Nitrobenzene-d5
Concen: 74.88 ng
RT: 7.71 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Instrument :
BNA_F
ClientSampleId :
ICVBF071015

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	38.6	26.9	40.3
54	55.4	47.7	71.5

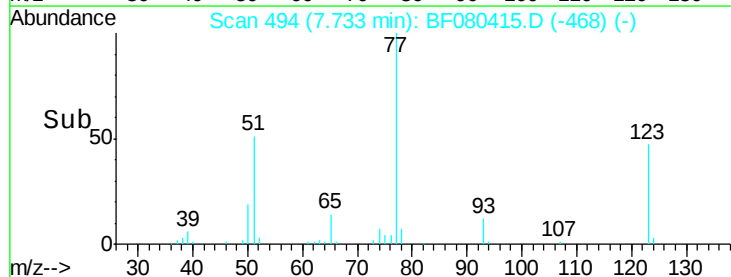
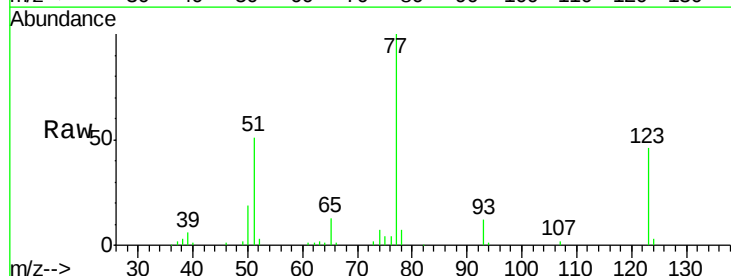
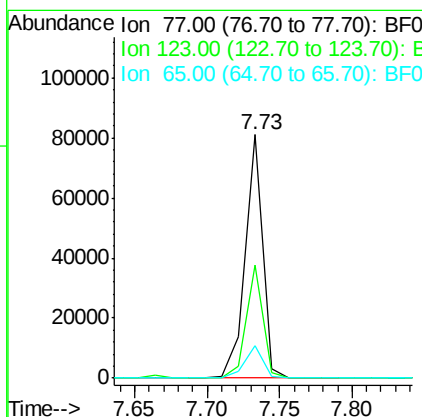
Manual Integrations
APPROVED

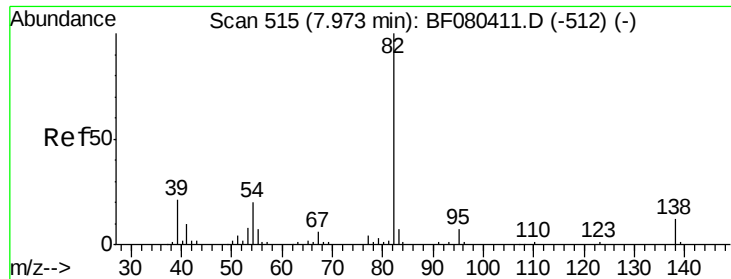
apatel
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#24
Nitrobenzene
Concen: 37.71 ng
RT: 7.73 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	46.3	34.0	51.0
65	13.5	11.2	16.8





#25

Isophorone

Concen: 41.26 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF080415.D

Acq: 11 Jul 2015 5:03

Instrument :

BNA_F

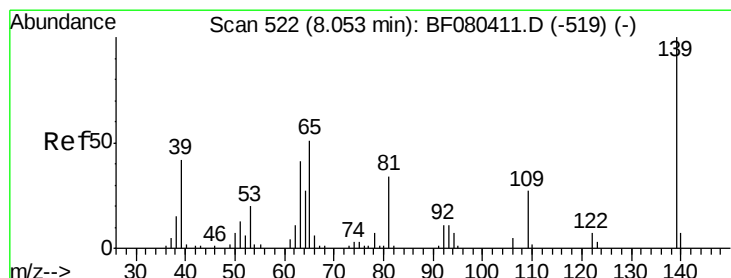
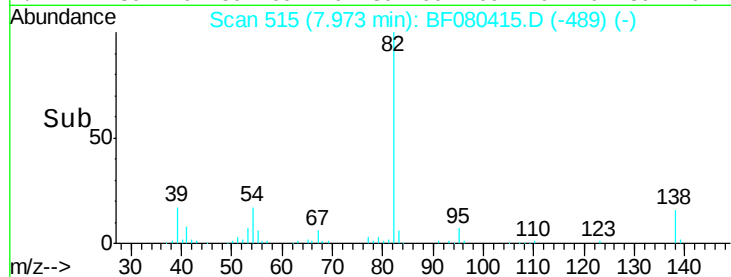
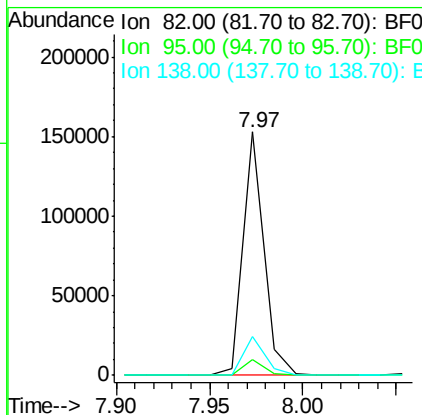
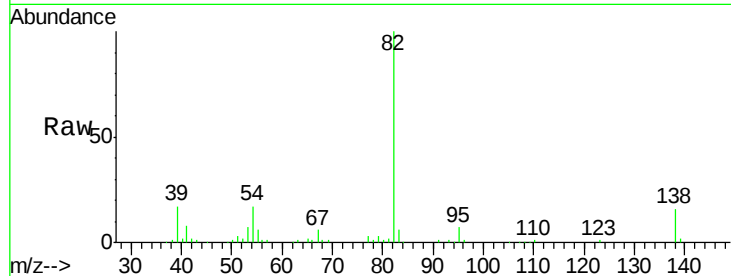
ClientSampleId :

ICVBF071015

Tgt Ion:	82	Resp:	120312
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.4	8.2
138	15.7	9.5	14.3#

Manual Integrations
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#26

2-Nitrophenol

Concen: 34.35 ng

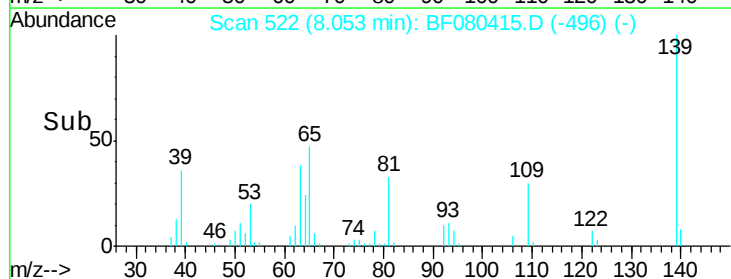
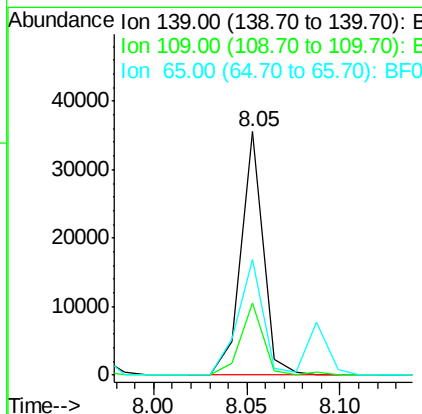
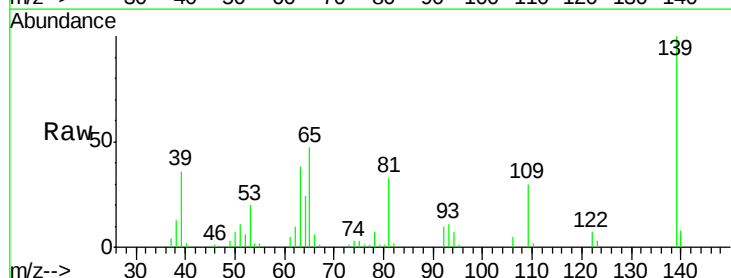
RT: 8.05 min Scan# 522

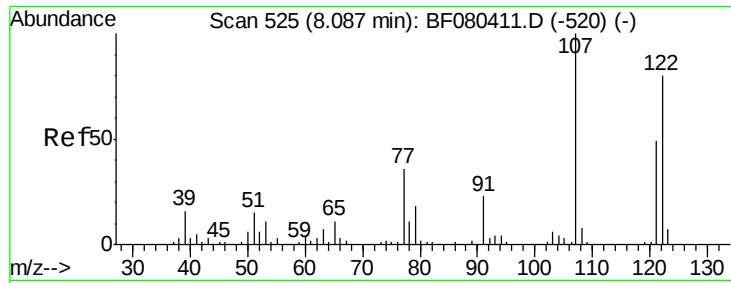
Delta R.T. 0.00 min

Lab File: BF080415.D

Acq: 11 Jul 2015 5:03

Tgt Ion:	139	Resp:	29673
Ion Ratio		Lower	Upper
139	100		
109	29.7	21.7	32.5
65	47.4	40.5	60.7





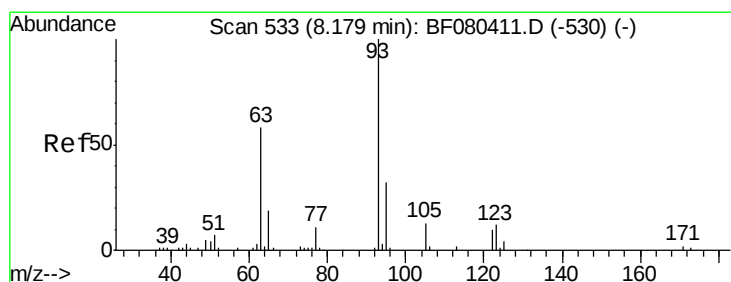
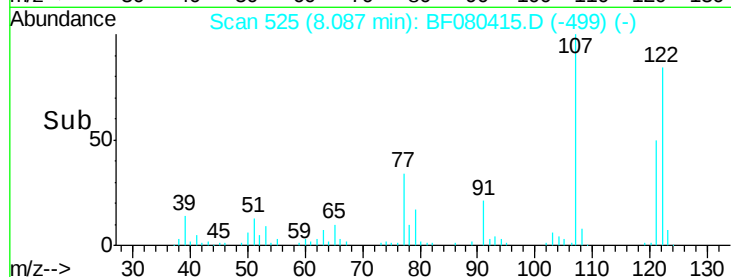
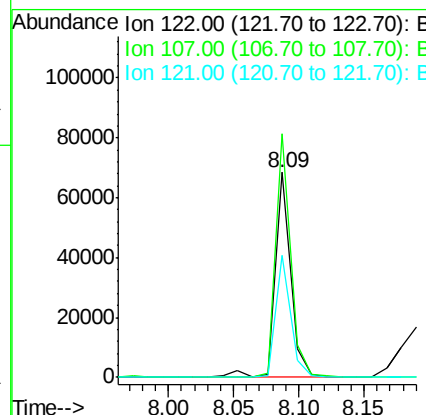
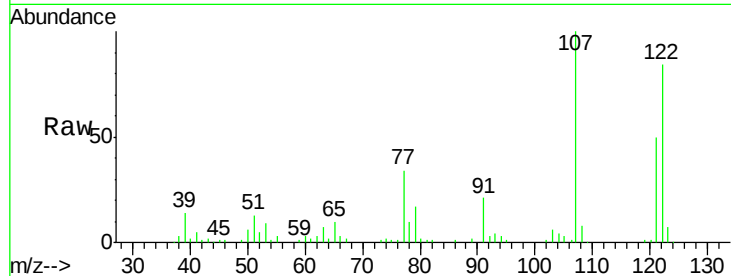
#27
 2,4-Dimethylphenol
 Concen: 41.76 ng
 RT: 8.09 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF080415.D
 Acq: 11 Jul 2015 5:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071015

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	56792		
107	118.8	99.5	149.3	
121	59.5	48.4	72.6	

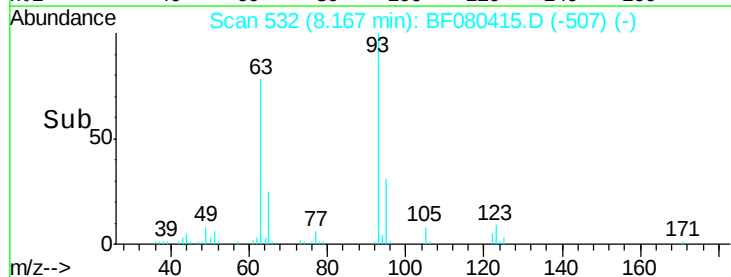
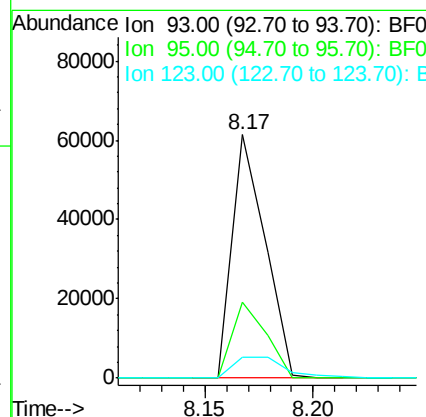
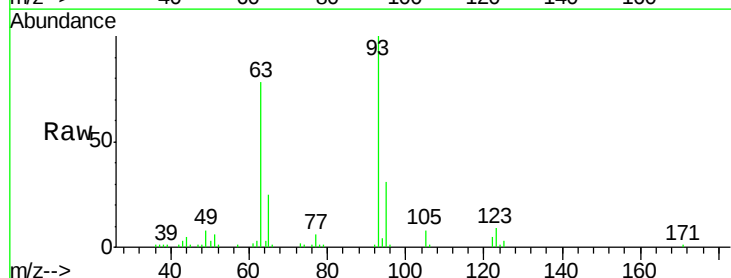
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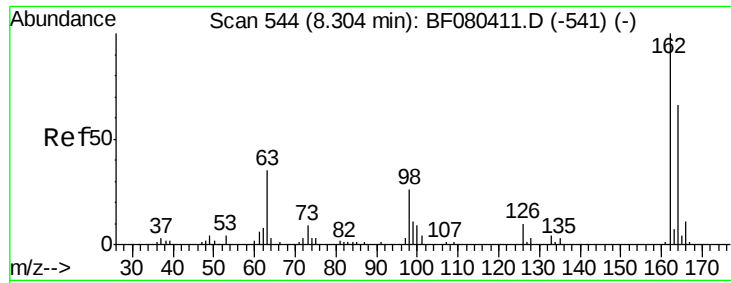
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.48 ng
 RT: 8.17 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF080415.D
 Acq: 11 Jul 2015 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	64368		
95	31.4	25.8	38.8	
123	8.8	9.7	14.5#	





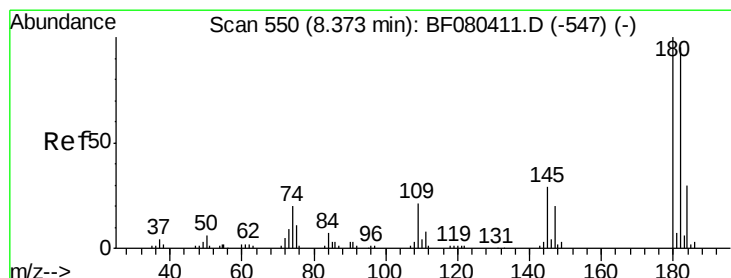
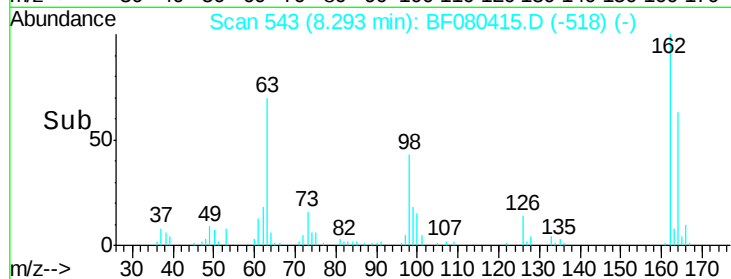
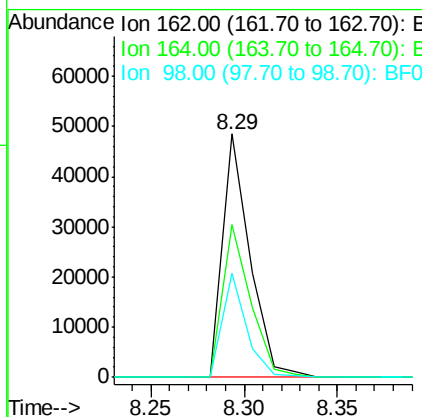
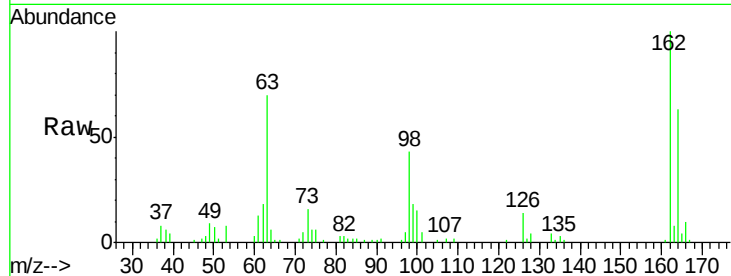
#29
 2,4-Dichlorophenol
 Concen: 39.54 ng
 RT: 8.29 min Scan# 543
 Delta R.T. -0.01 min
 Lab File: BF080415.D
 Acq: 11 Jul 2015 5:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071015

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	49646		
164	62.9	45.5	85.5	
98	43.0	6.3	46.3	

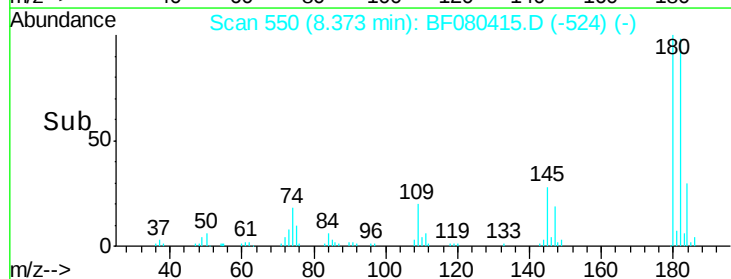
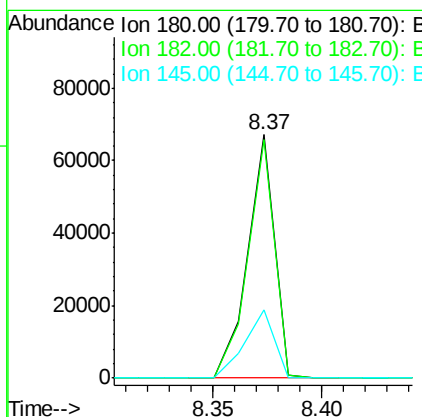
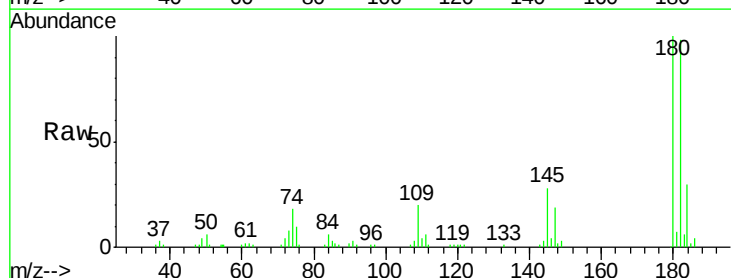
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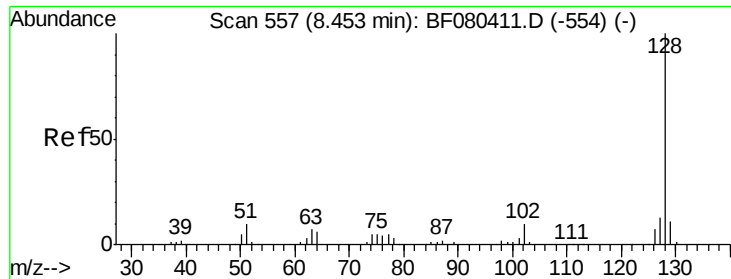
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#30
 1,2,4-Trichlorobenzene
 Concen: 34.70 ng
 RT: 8.37 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF080415.D
 Acq: 11 Jul 2015 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	57618		
182	97.7	75.6	113.4	
145	28.2	23.3	34.9	





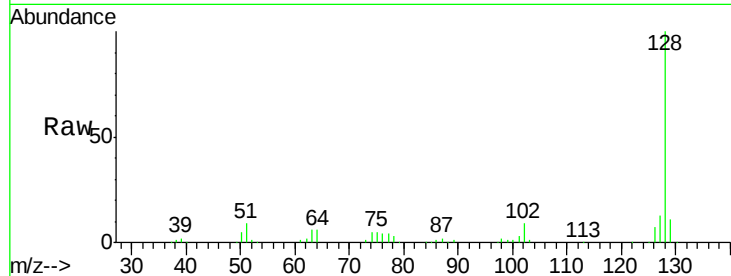
#31
Naphthalene
Concen: 37.30 ng
RT: 8.45 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Instrument :
BNA_F
ClientSampleId :
ICVBF071015

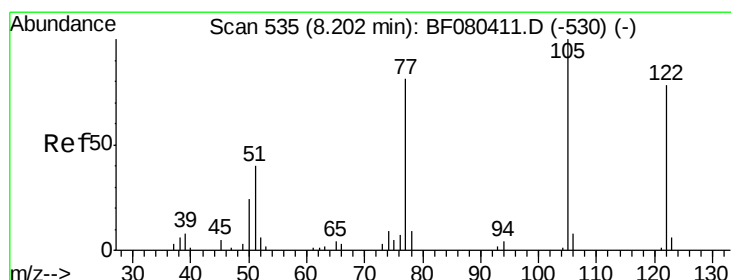
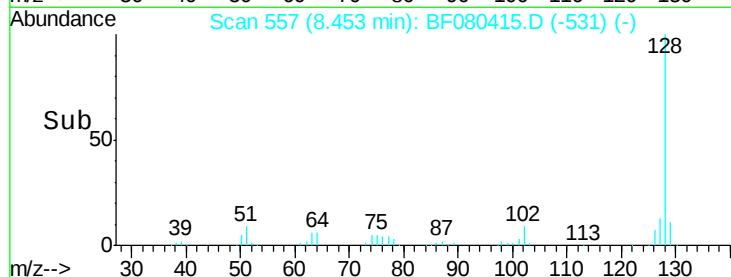
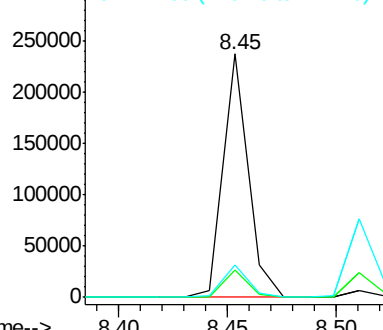
Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.1	9.1	13.7
127	13.4	10.7	16.1

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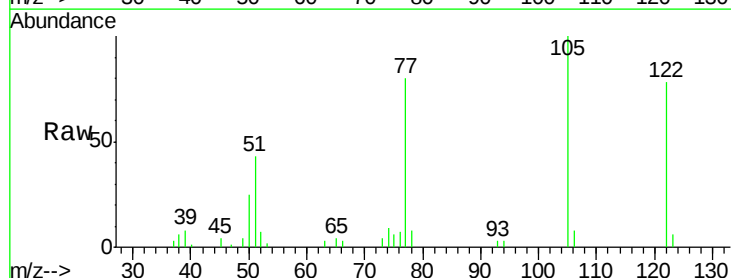


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

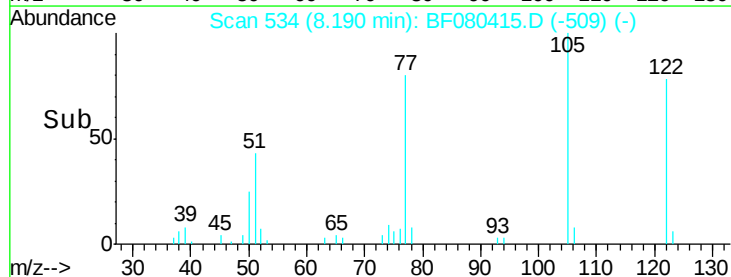
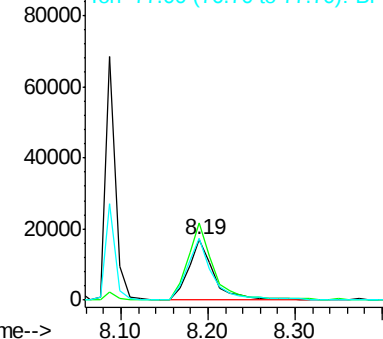


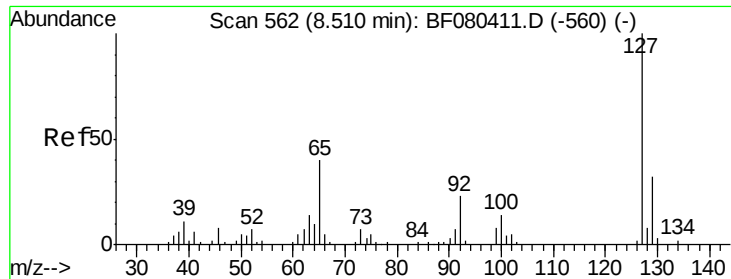
#32
Benzoic acid
Concen: 35.97 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	128.7	108.8	148.8
77	103.6	84.2	124.2



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





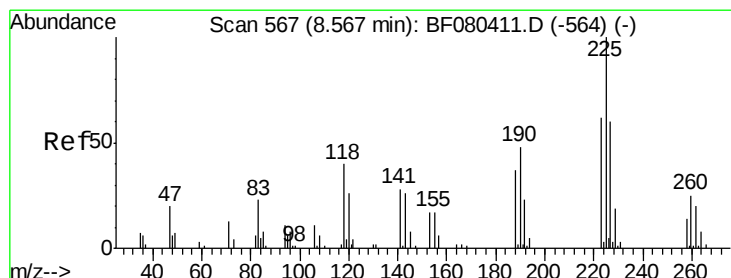
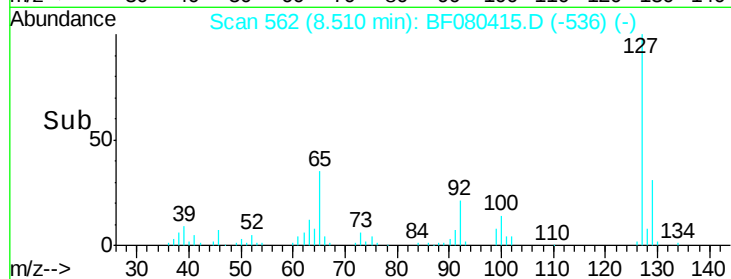
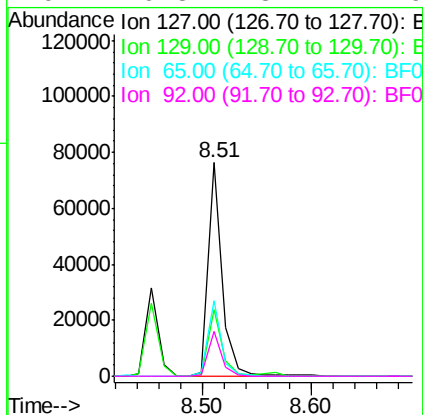
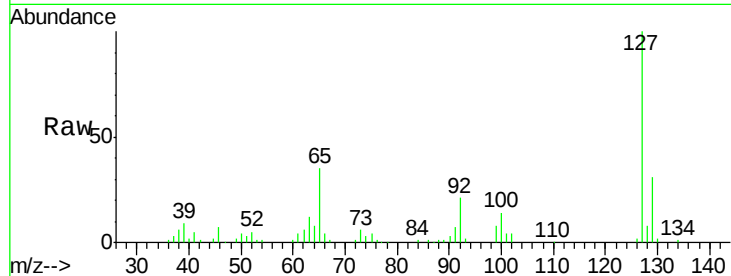
#33
 4-Chloroaniline
 Concen: 40.36 ng
 RT: 8.51 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF080415.D
 Acq: 11 Jul 2015 5:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071015

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	69418		
129	31.2	25.5	38.3	
65	35.2	31.8	47.8	
92	20.8	18.4	27.6	

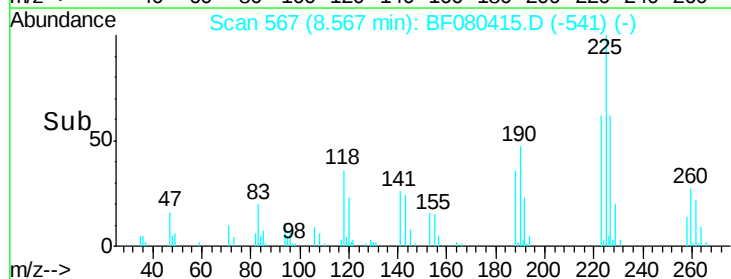
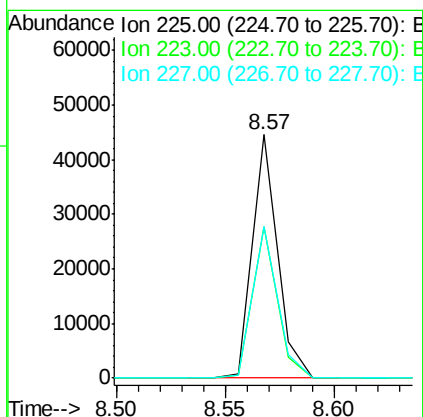
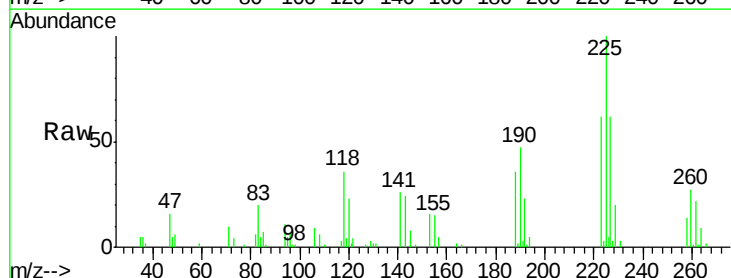
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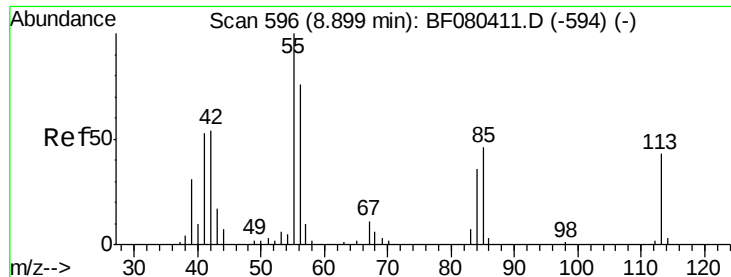
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#34
 Hexachlorobutadiene
 Concen: 37.13 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF080415.D
 Acq: 11 Jul 2015 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	35791		
223	62.3	49.5	74.3	
227	62.5	48.0	72.0	





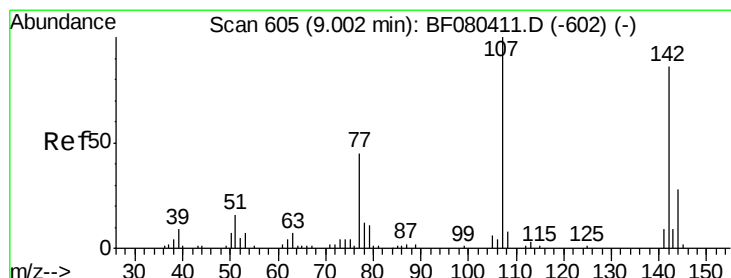
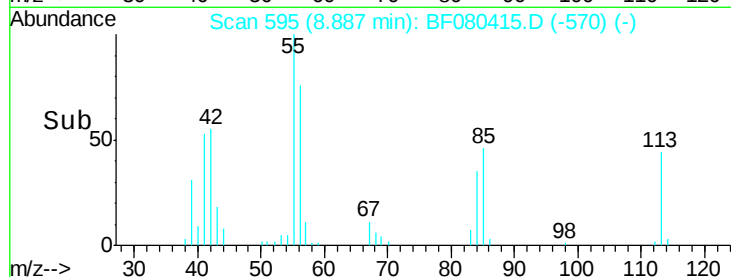
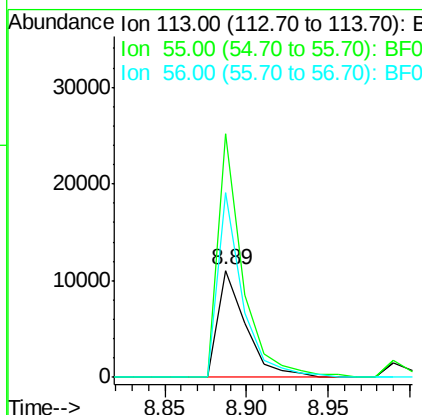
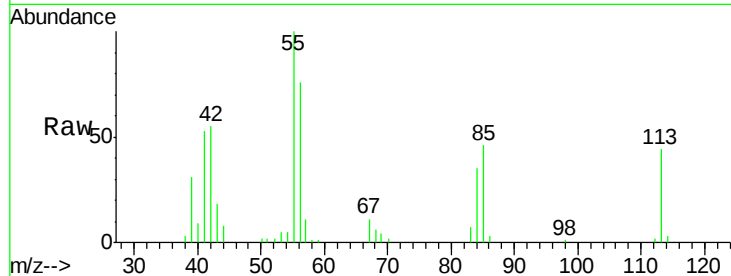
#35
 Caprolactam
 Concen: 36.33 ng
 RT: 8.89 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF080415.D
 Acq: 11 Jul 2015 5:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071015

Tgt Ion:113 Resp: 13044
 Ion Ratio Lower Upper
 113 100
 55 227.0 214.2 254.2
 56 172.3 156.9 196.9

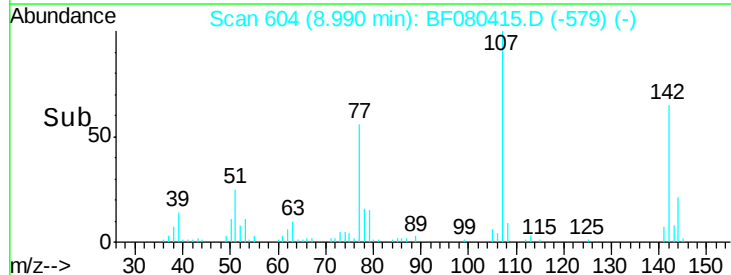
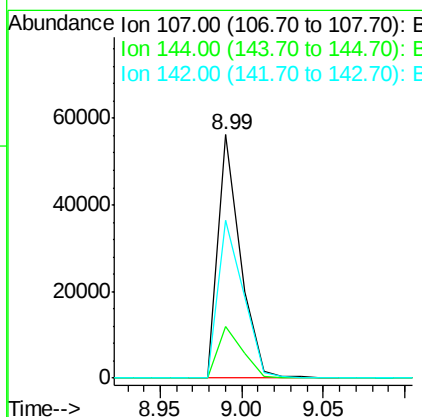
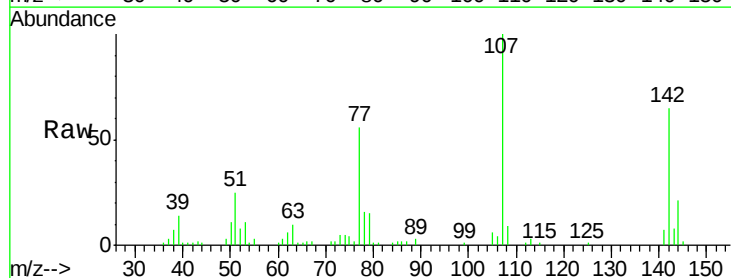
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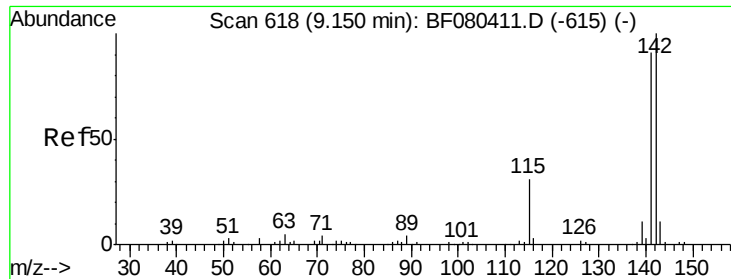
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#36
 4-Chloro-3-methylphenol
 Concen: 40.60 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF080415.D
 Acq: 11 Jul 2015 5:03

Tgt Ion:107 Resp: 53973
 Ion Ratio Lower Upper
 107 100
 144 21.2 22.6 34.0#
 142 64.8 68.7 103.1#





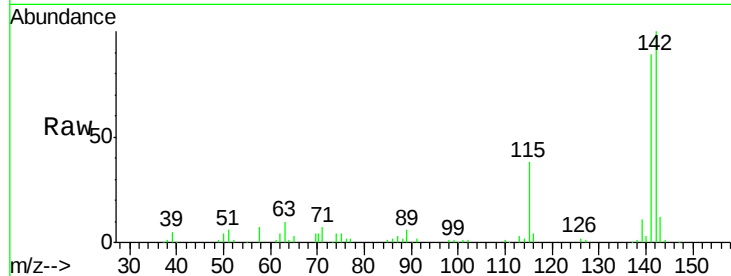
#37
2-Methylnaphthalene
Concen: 35.04 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Instrument :
BNA_F
ClientSampleId :
ICVBF071015

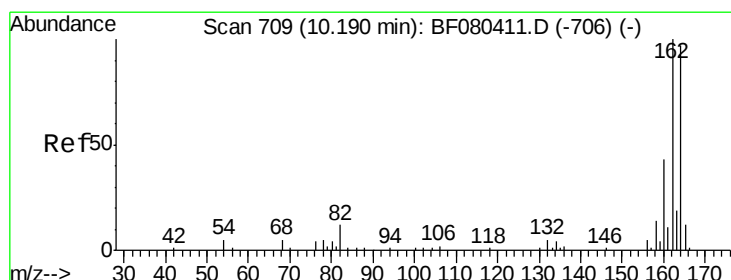
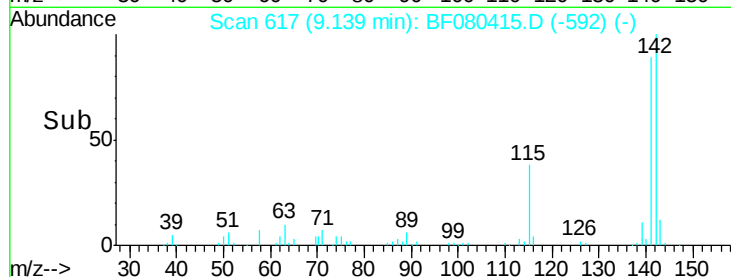
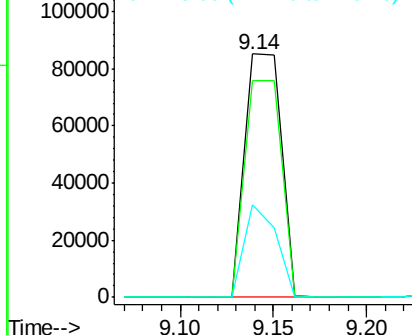
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	117333		
141	89.2	73.0	109.4	
115	38.1	25.0	37.4#	

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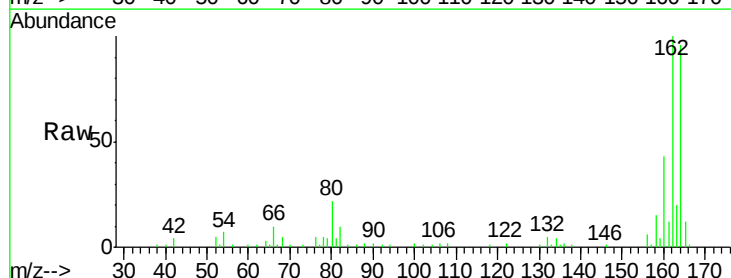


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

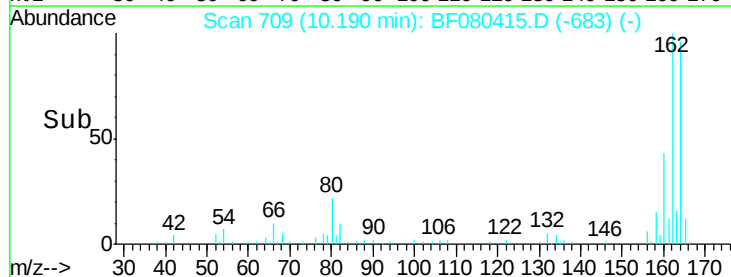
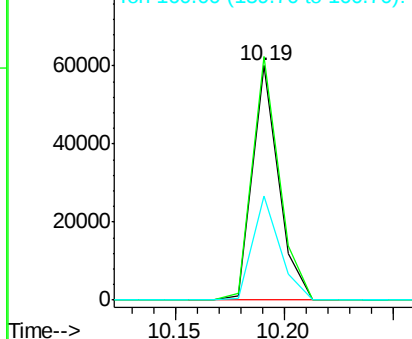


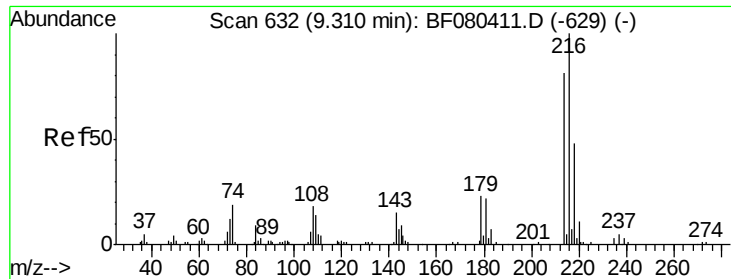
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.19 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	50053		
162	104.0	82.7	124.1	
160	44.6	35.5	53.3	



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.29 ng

RT: 9.31 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF080415.D

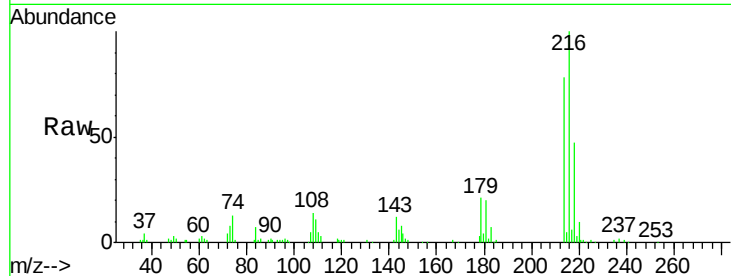
Acq: 11 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

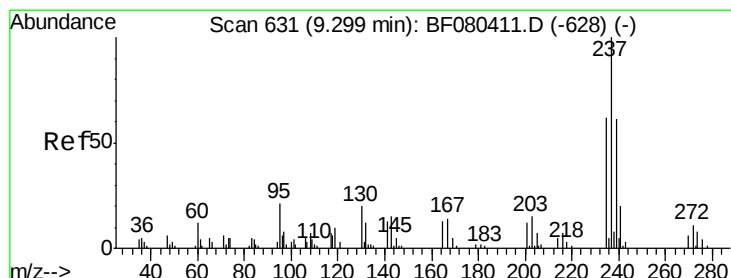
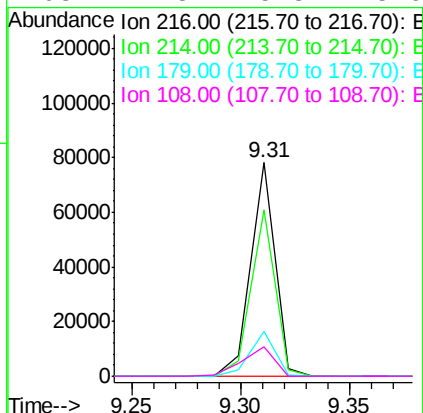
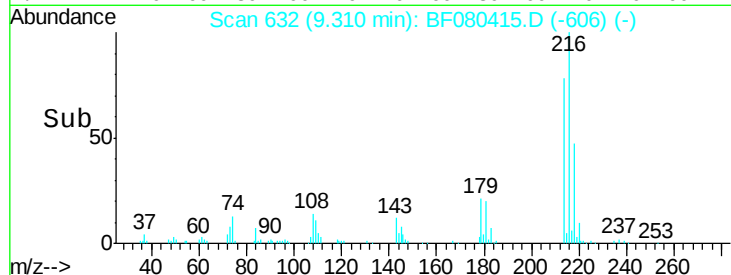
ICVBF071015



Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.6	64.6	97.0
179	21.9	17.9	26.9
108	17.8	15.8	23.6

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#40

Hexachlorocyclopentadiene

Concen: 36.22 ng

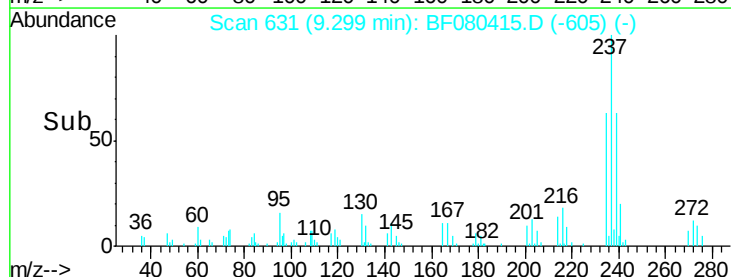
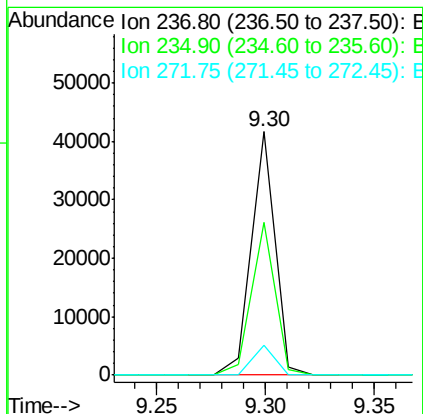
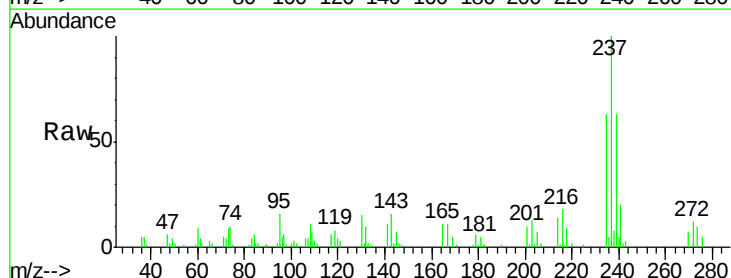
RT: 9.30 min Scan# 631

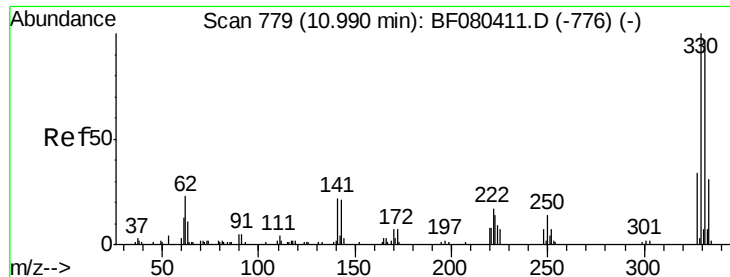
Delta R.T. 0.00 min

Lab File: BF080415.D

Acq: 11 Jul 2015 5:03

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.4	82.4
272	12.0	0.0	31.4





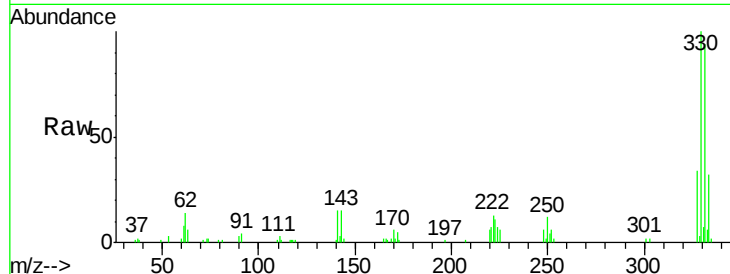
#41
 2,4,6-Tribromophenol
 Concen: 71.07 ng
 RT: 10.99 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF080415.D
 Acq: 11 Jul 2015 5:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071015

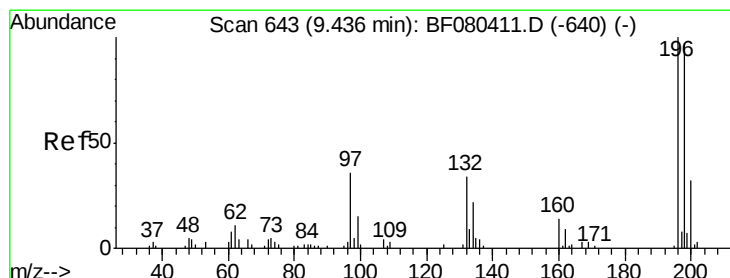
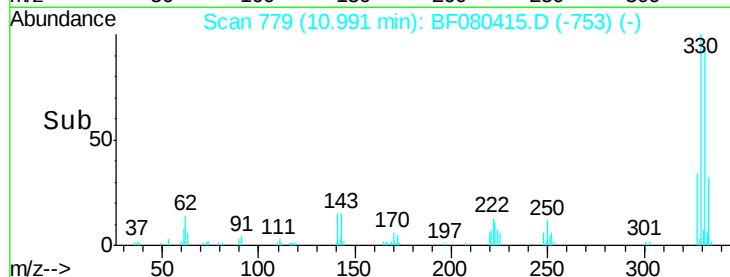
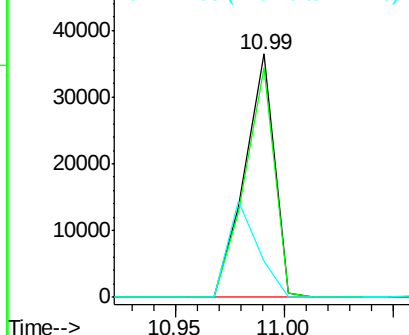
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	34720		
332	94.3	78.0	117.0	
141	39.0	28.6	43.0	

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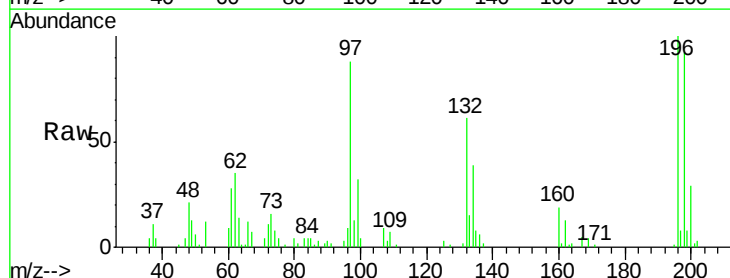


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

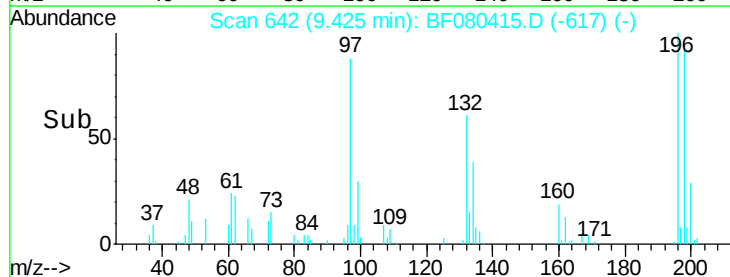
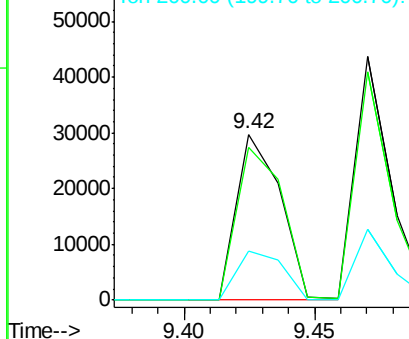


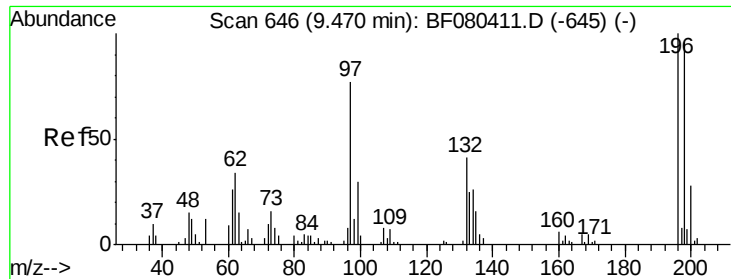
#42
 2,4,6-Trichlorophenol
 Concen: 36.85 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF080415.D
 Acq: 11 Jul 2015 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	35543		
198	92.3	77.4	116.2	
200	29.4	25.8	38.6	



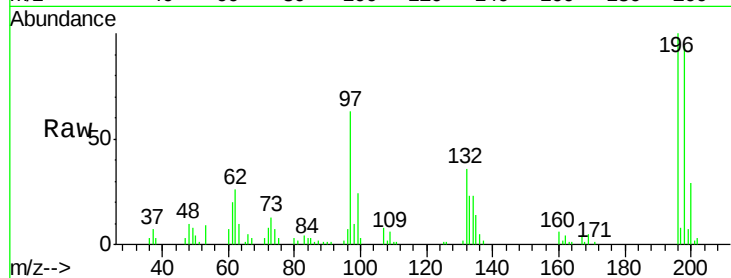
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 39.50 ng
 RT: 9.47 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF080415.D
 Acq: 11 Jul 2015 5:03

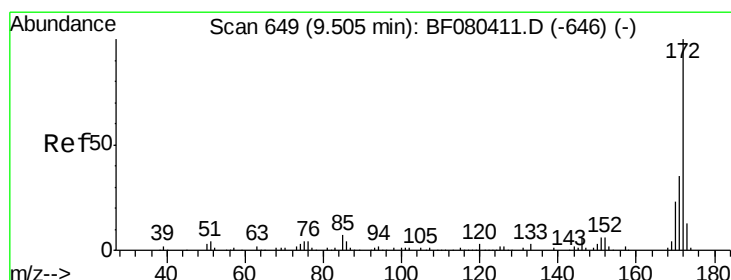
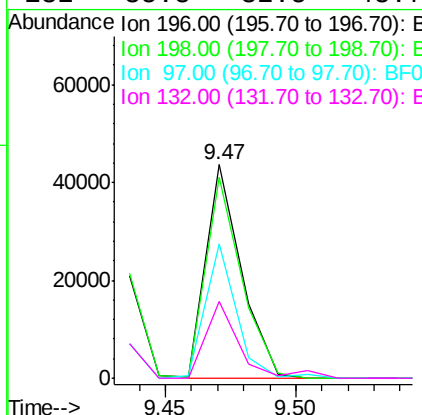
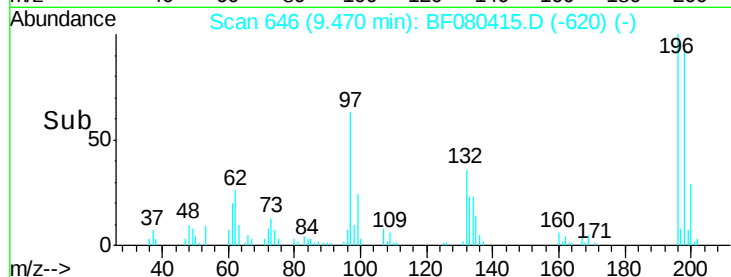
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071015



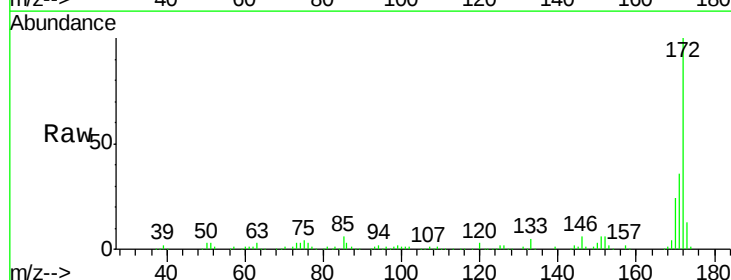
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	40881		
198	94.0	76.1	114.1	
97	62.7	62.2	93.2	
132	35.8	32.5	48.7	

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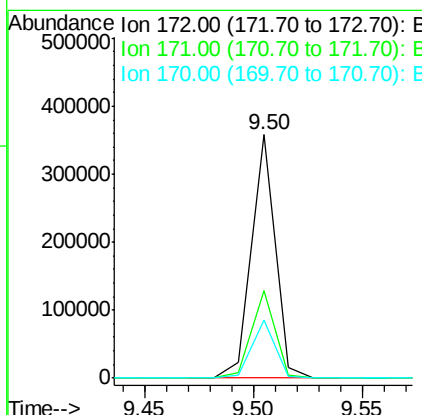
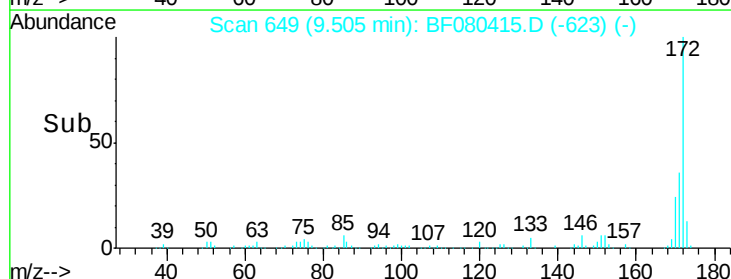
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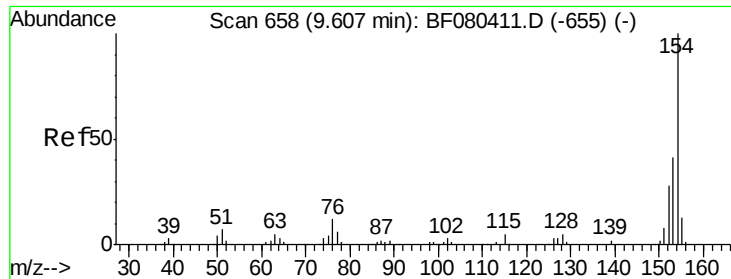


#44
 2-Fluorobiphenyl
 Concen: 72.96 ng
 RT: 9.50 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF080415.D
 Acq: 11 Jul 2015 5:03



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	271140		
171	35.9	28.4	42.6	
170	23.8	18.6	28.0	





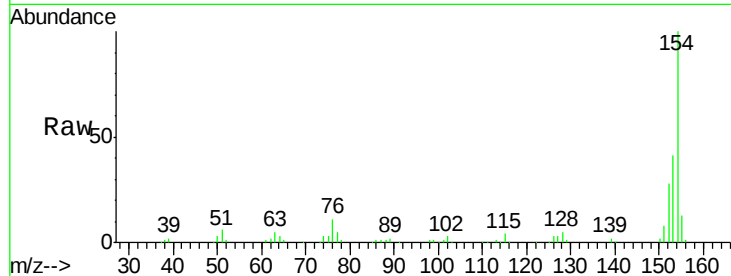
#45
 1,1'-Biphenyl
 Concen: 35.86 ng
 RT: 9.61 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF080415.D
 Acq: 11 Jul 2015 5:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071015

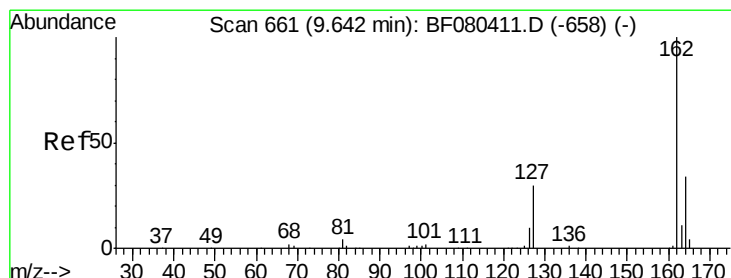
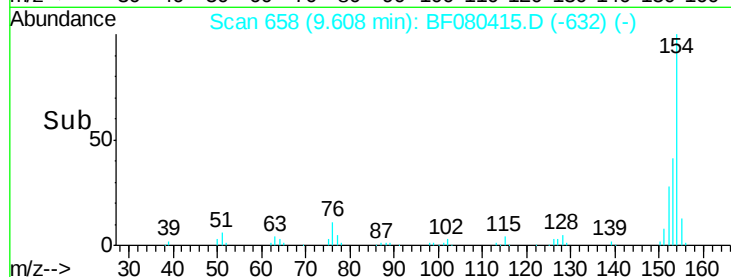
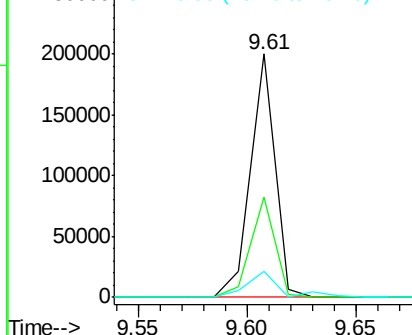
Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.1	20.6	60.6	
76	10.9	0.0	32.4	

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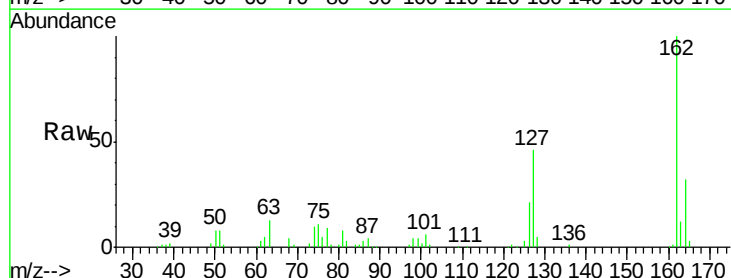


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

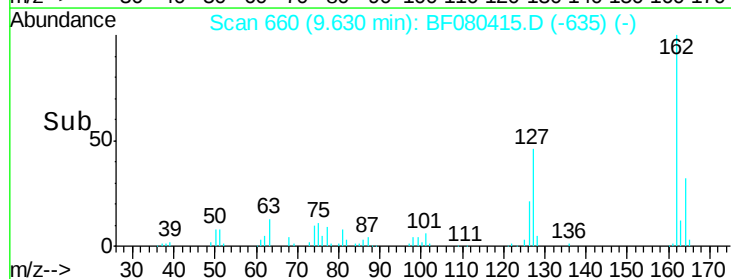
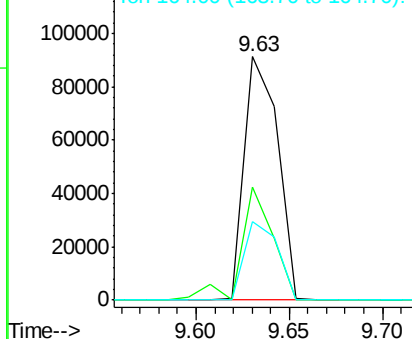


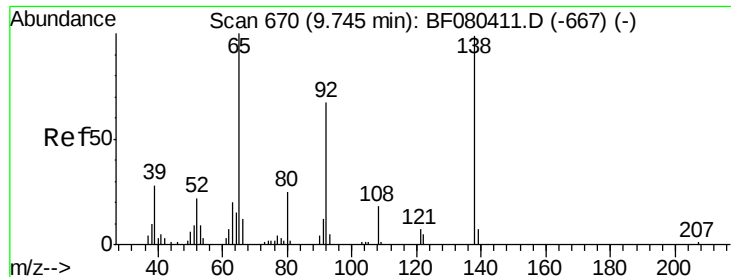
#46
 2-Chloronaphthalene
 Concen: 35.12 ng
 RT: 9.63 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF080415.D
 Acq: 11 Jul 2015 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	46.5	28.6	42.8#	
164	32.3	27.2	40.8	



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





#47

2-Nitroaniline

Concen: 32.86 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF080415.D

Acq: 11 Jul 2015 5:03

Instrument :

BNA_F

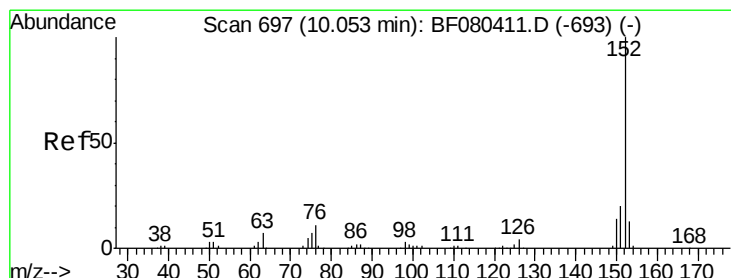
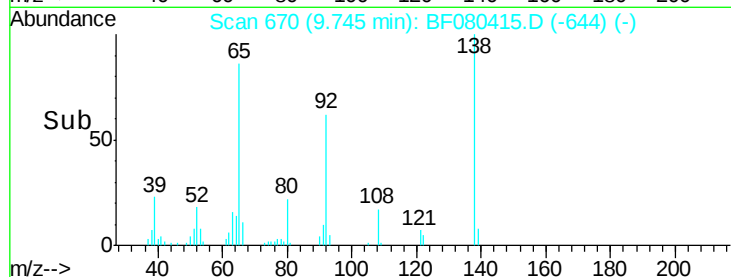
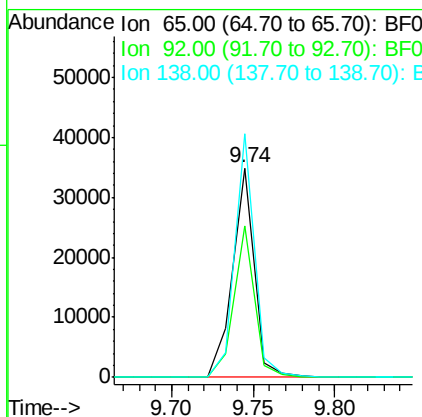
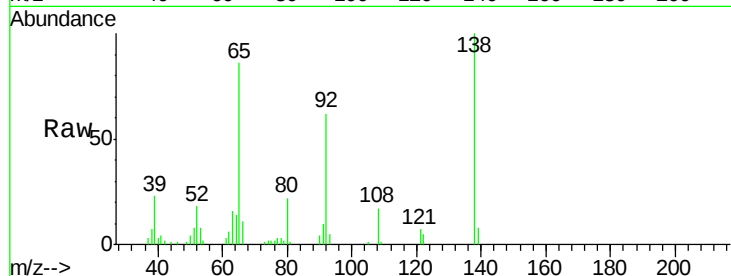
ClientSampleId :

ICVBF071015

Tgt Ion:	65	Resp:	31928
Ion Ratio	Lower	Upper	
65	100		
92	72.3	53.2	79.8
138	116.2	78.9	118.3

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#48

Acenaphthylene

Concen: 38.30 ng

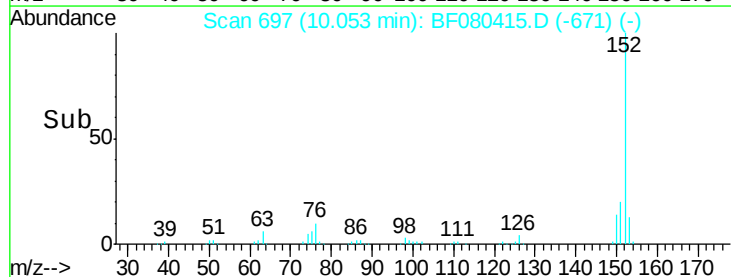
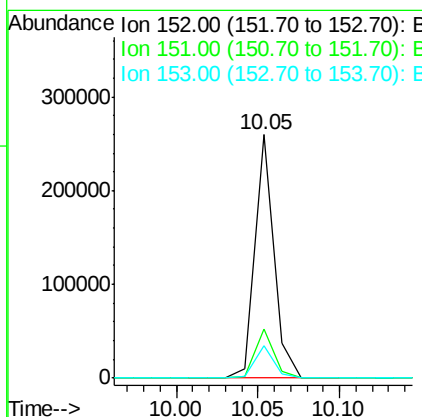
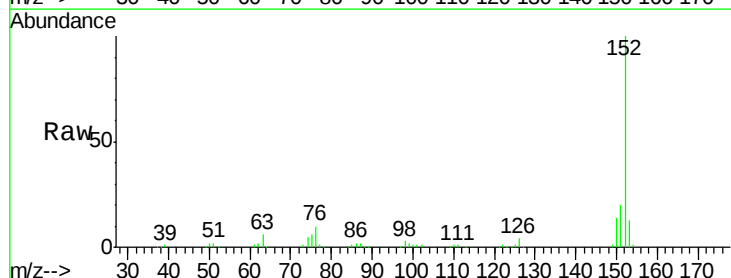
RT: 10.05 min Scan# 697

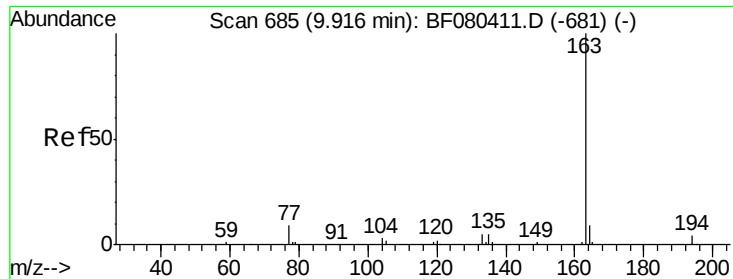
Delta R.T. 0.00 min

Lab File: BF080415.D

Acq: 11 Jul 2015 5:03

Tgt Ion:	152	Resp:	210982
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.8	23.8
153	13.5	10.2	15.4





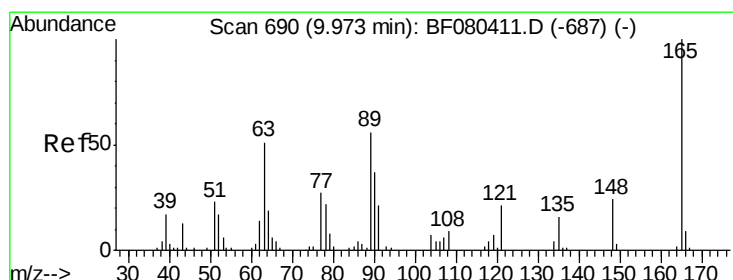
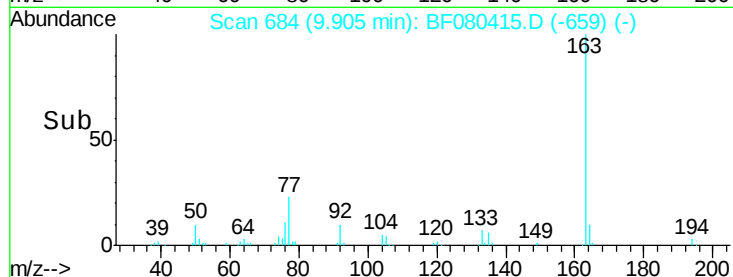
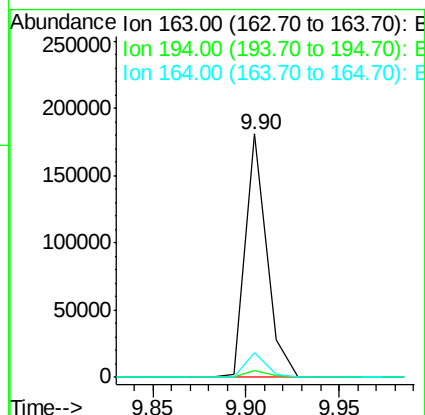
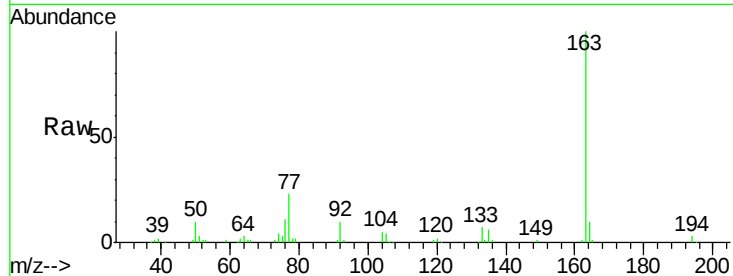
#49
Dimethylphthalate
Concen: 38.41 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Instrument :
BNA_F
ClientSampleId :
ICVBF071015

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.0	3.4	5.2#
164	10.1	7.4	11.0

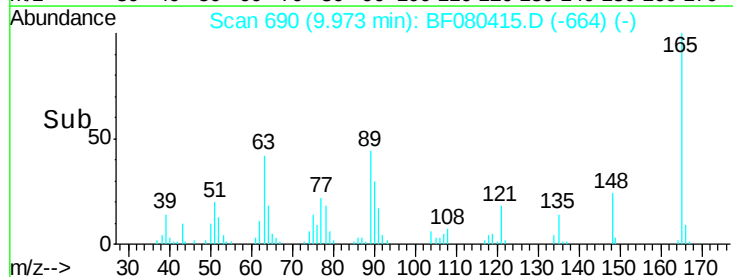
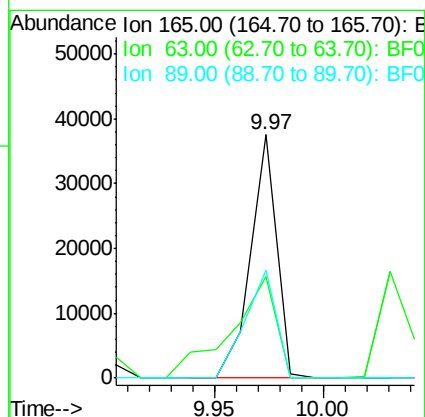
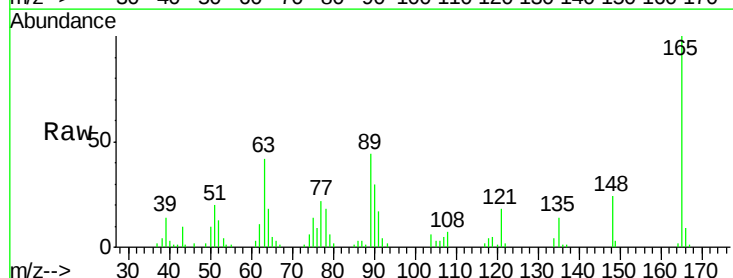
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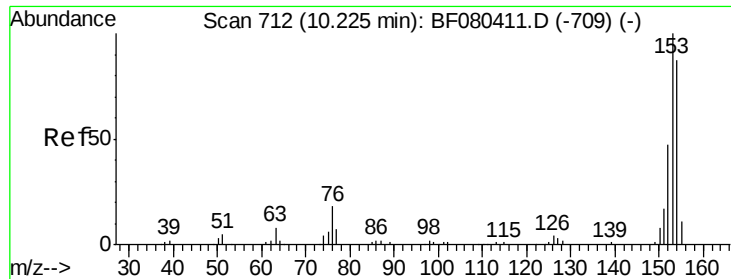
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#50
2,6-Dinitrotoluene
Concen: 36.71 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	41.6	44.5	66.7#
89	44.1	44.5	66.7#





#51

Acenaphthene

Concen: 37.99 ng

RT: 10.22 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF080415.D

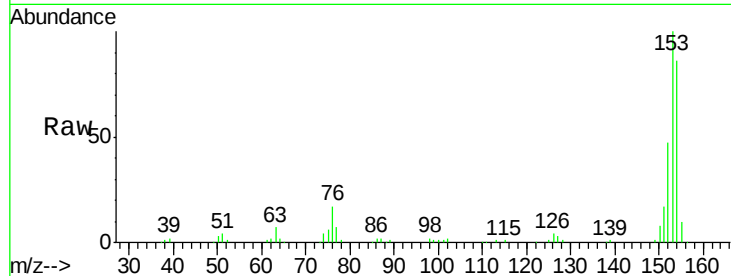
Acq: 11 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

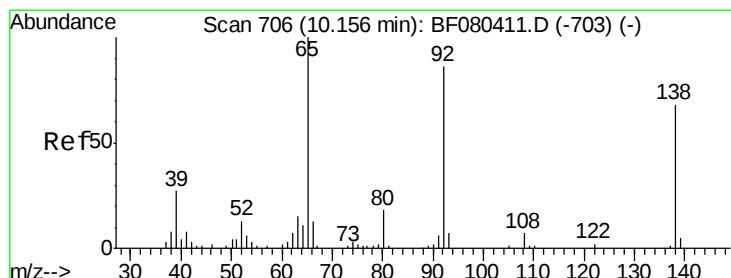
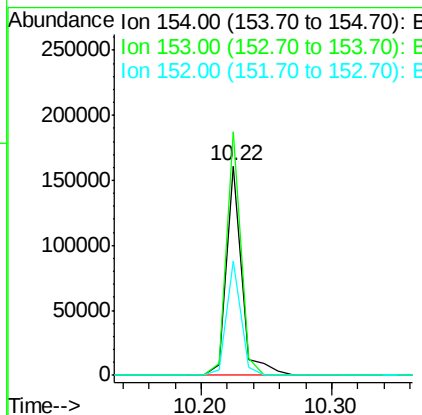
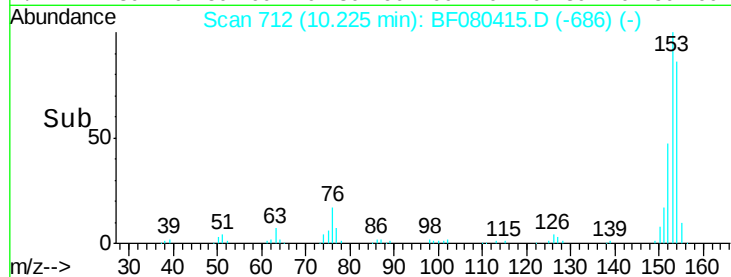
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Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.5	91.7	137.5
152	54.4	43.5	65.3

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#52

3-Nitroaniline

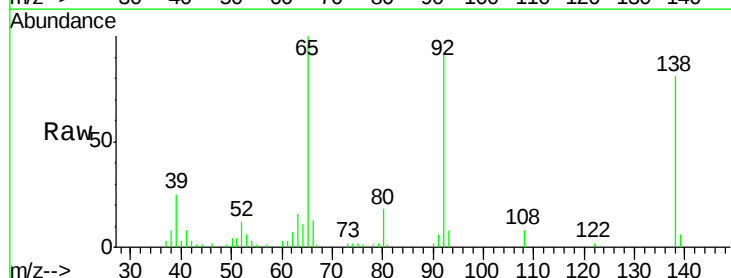
Concen: 38.89 ng

RT: 10.16 min Scan# 706

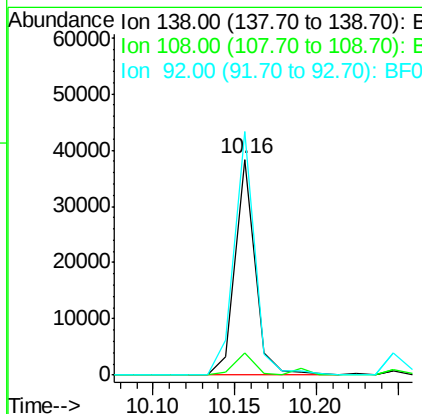
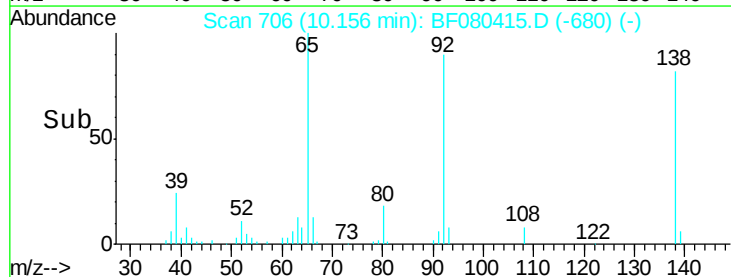
Delta R.T. 0.00 min

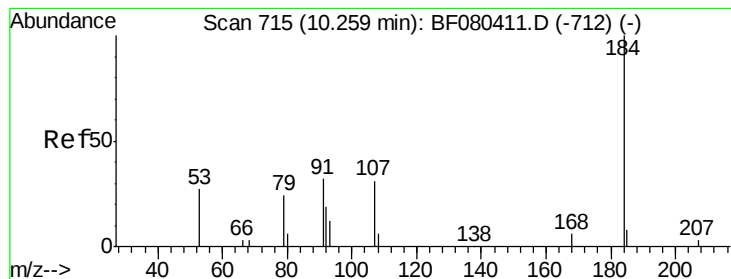
Lab File: BF080415.D

Acq: 11 Jul 2015 5:03



Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.4	12.6
92	112.8	101.0	151.4





#53

2,4-Dinitrophenol

Concen: 37.64 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF080415.D

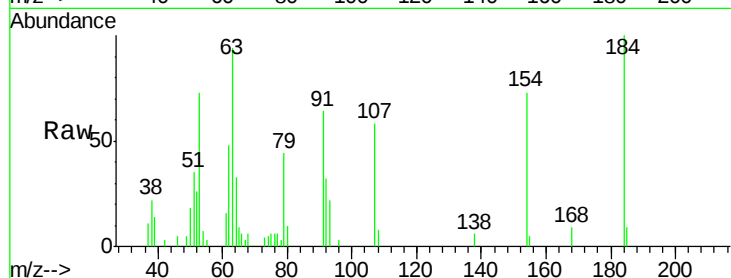
Acq: 11 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

ICVBF071015



Tgt Ion:184 Resp: 13000

Ion Ratio Lower Upper

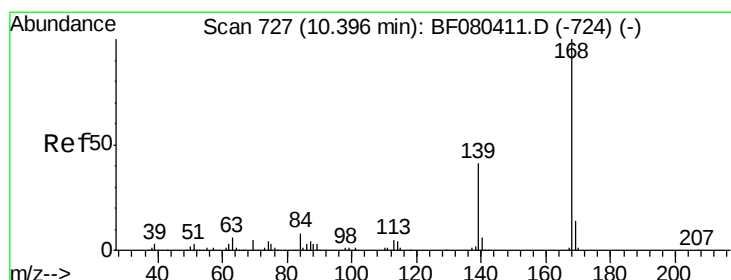
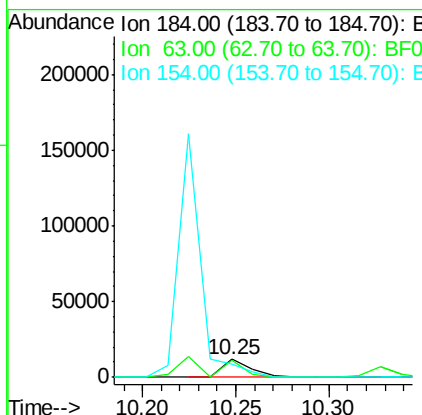
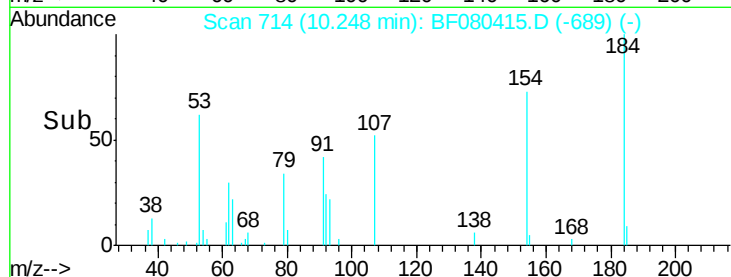
184 100

63 93.7 30.8 46.2#

154 73.4 46.8 70.2#

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#54

Dibenzofuran

Concen: 37.22 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF080415.D

Acq: 11 Jul 2015 5:03

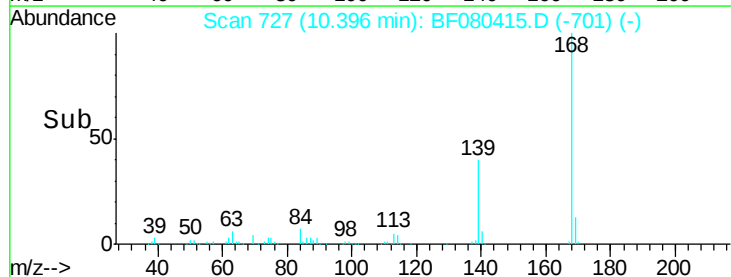
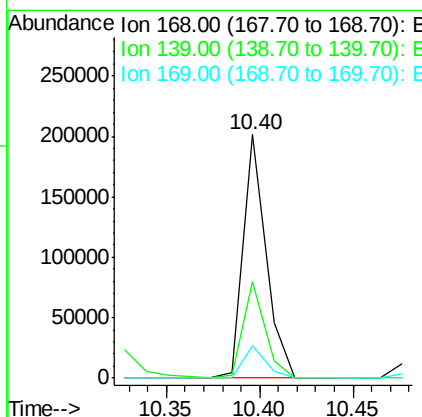
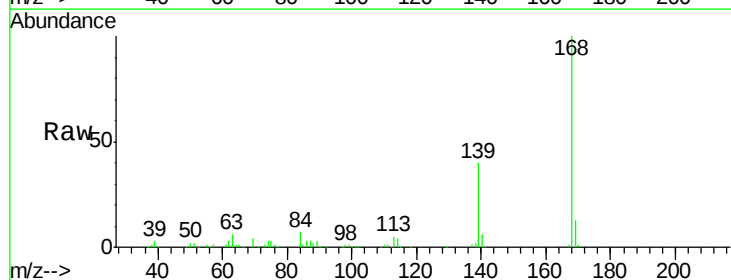
Tgt Ion:168 Resp: 172587

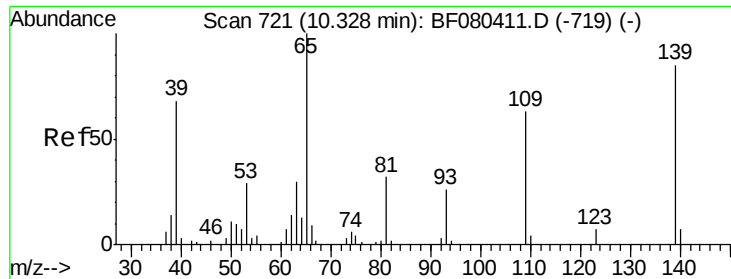
Ion Ratio Lower Upper

168 100

139 39.7 33.4 50.2

169 13.1 11.1 16.7





#55

4-Nitrophenol

Concen: 37.62 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF080415.D

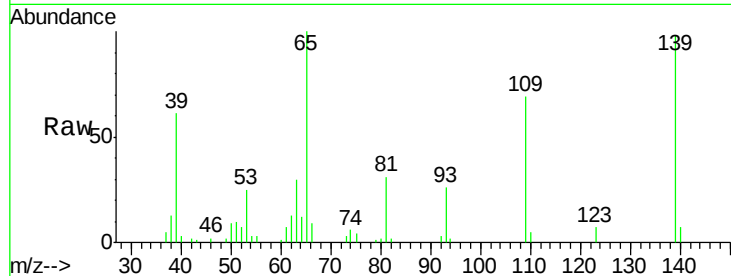
Acq: 11 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

ICVBF071015



Tgt Ion:139 Resp: 23372

Ion Ratio Lower Upper

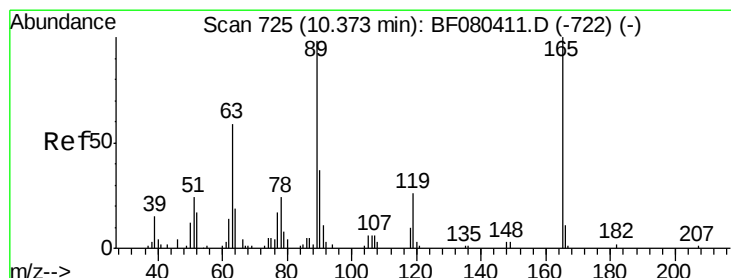
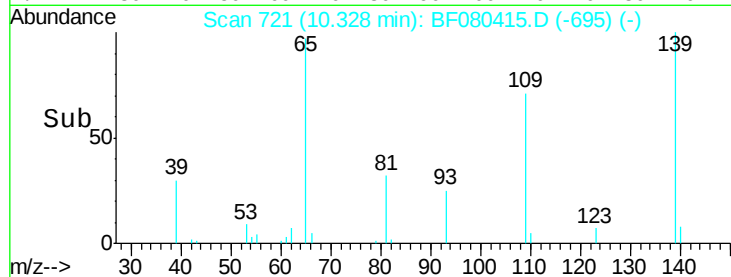
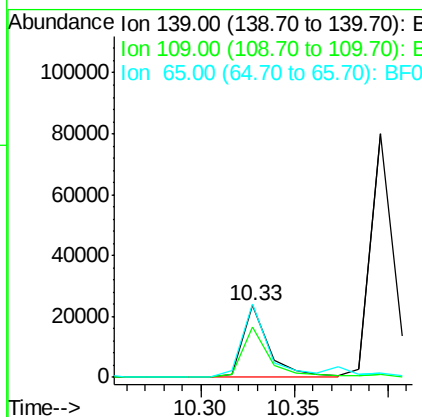
139 100

109 70.7 54.6 94.6

65 101.9 97.8 137.8

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#56

2,4-Dinitrotoluene

Concen: 39.22 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF080415.D

Acq: 11 Jul 2015 5:03

Tgt Ion:165 Resp: 38944

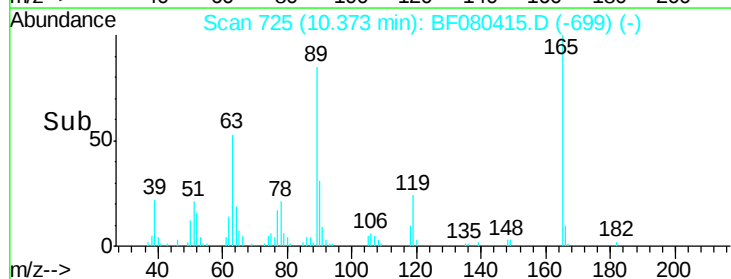
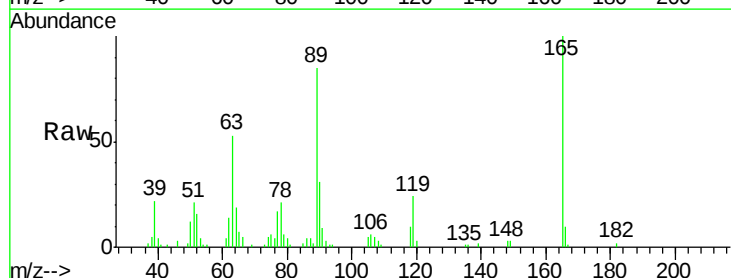
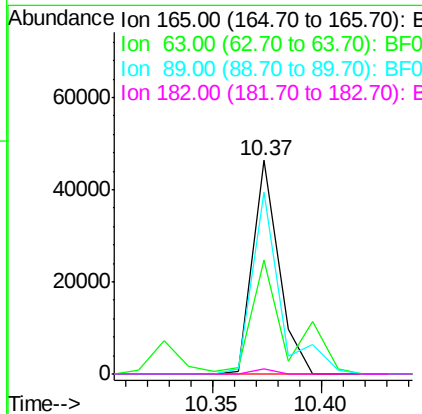
Ion Ratio Lower Upper

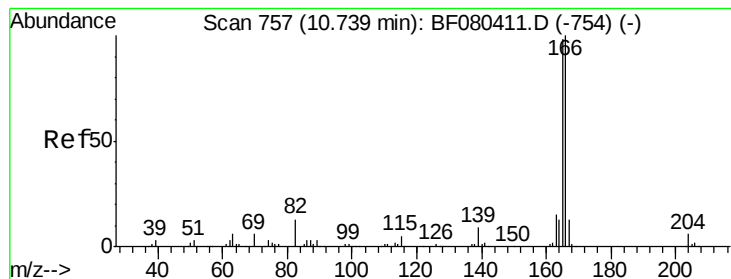
165 100

63 53.4 51.7 77.5

89 85.0 78.6 117.8

182 2.4 1.8 2.8





#57

Fluorene

Concen: 36.39 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF080415.D

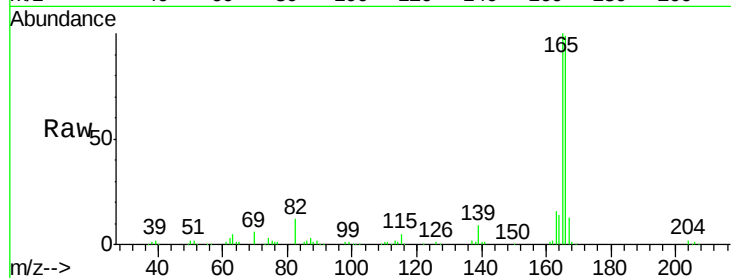
Acq: 11 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

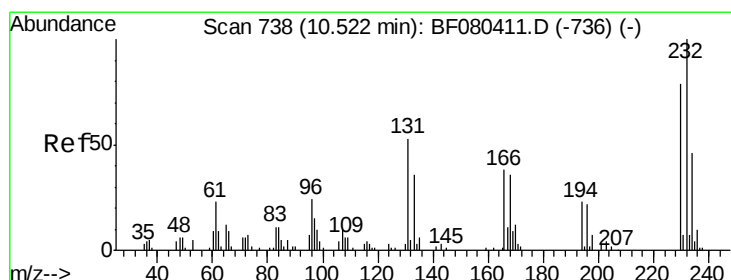
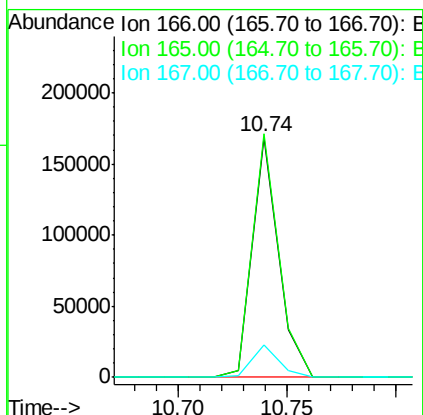
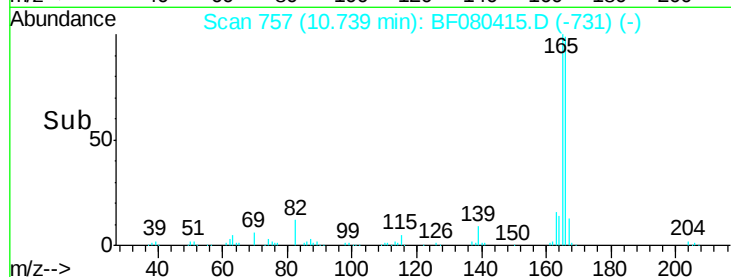
ICVBF071015



Tgt Ion:	166	Resp:	142163
Ion Ratio	Lower	Upper	
166	100		
165	101.4	78.3	117.5
167	13.4	10.6	15.8

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#58

2,3,4,6-Tetrachlorophenol

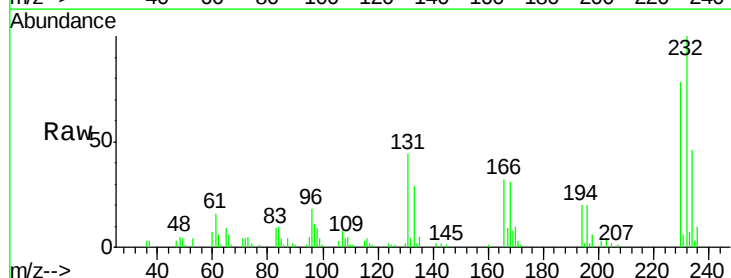
Concen: 39.76 ng m

RT: 10.52 min Scan# 738

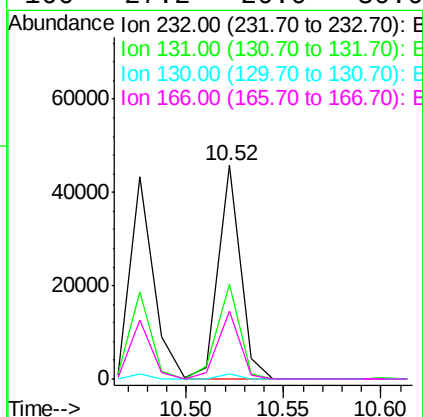
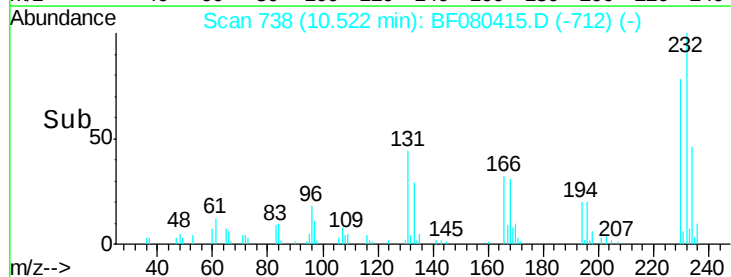
Delta R.T. 0.00 min

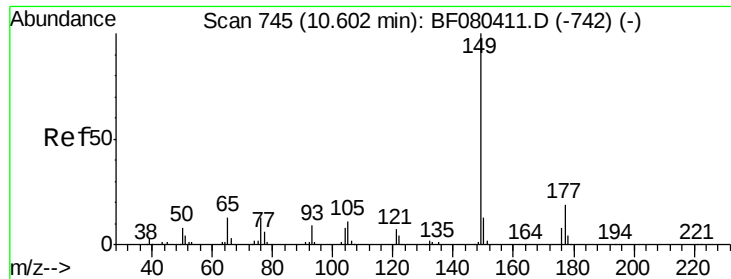
Lab File: BF080415.D

Acq: 11 Jul 2015 5:03



Tgt Ion:	232	Resp:	36106
Ion Ratio	Lower	Upper	
232	100		
131	41.0	33.0	49.4
130	2.0	1.8	2.8
166	27.2	20.0	30.0





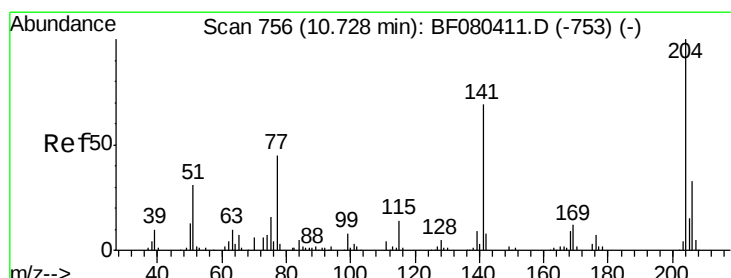
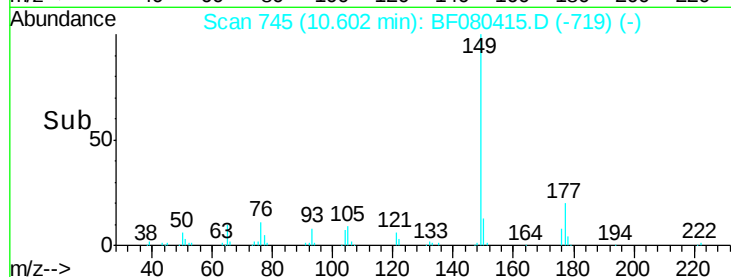
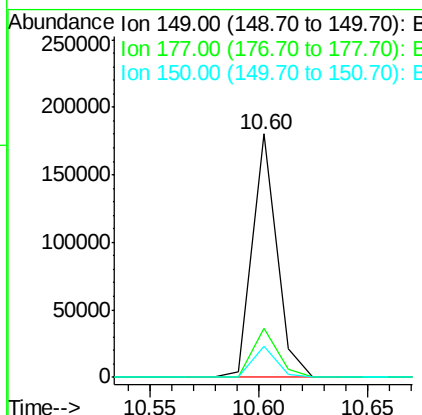
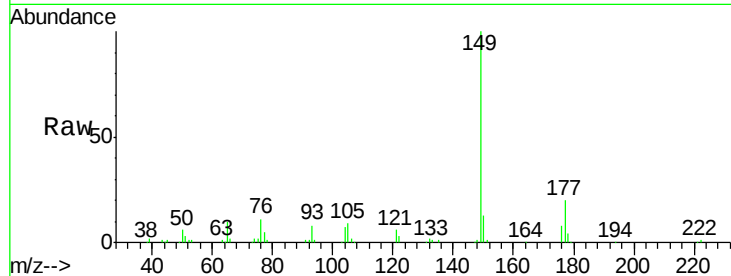
#59
Diethylphthalate
Concen: 38.18 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Instrument :
BNA_F
ClientSampleId :
ICVBF071015

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	141433		
177	20.1	15.4	23.2	
150	12.8	10.3	15.5	

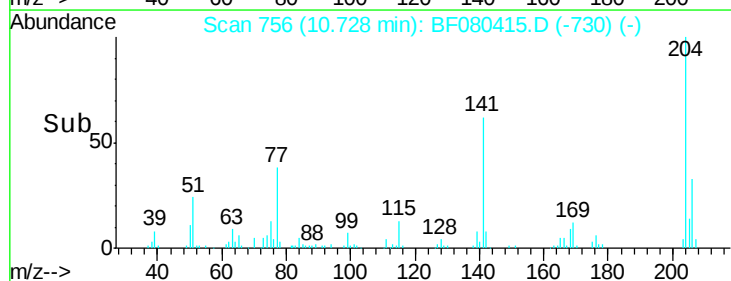
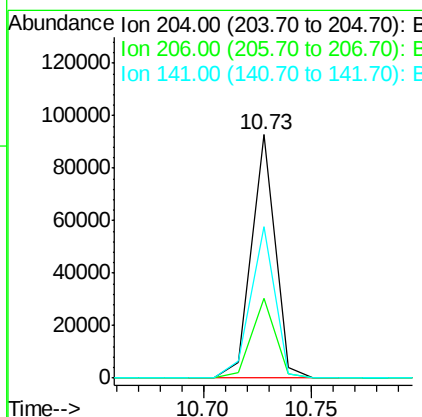
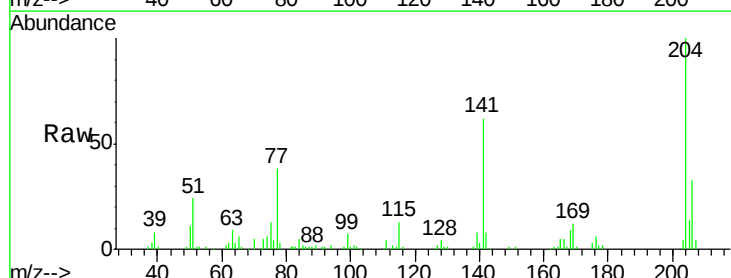
Manual Integrations
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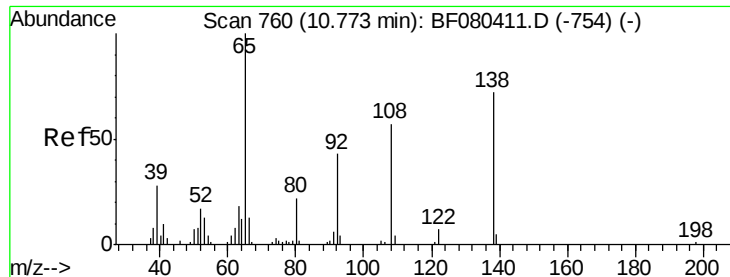
apatel
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#60
4-Chlorophenyl-phenylether
Concen: 37.51 ng
RT: 10.73 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	70580		
206	32.9	26.8	40.2	
141	62.4	55.1	82.7	





#61

4-Nitroaniline

Concen: 38.38 ng

RT: 10.77 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF080415.D

Acq: 11 Jul 2015 5:03

Instrument :

BNA_F

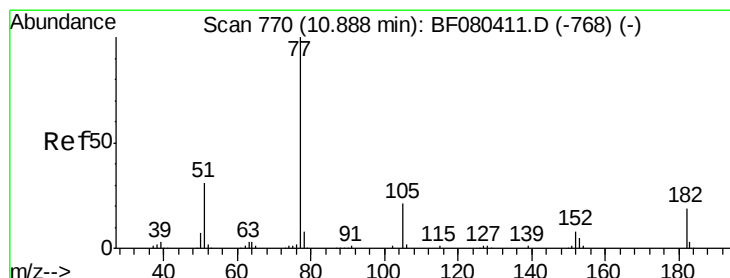
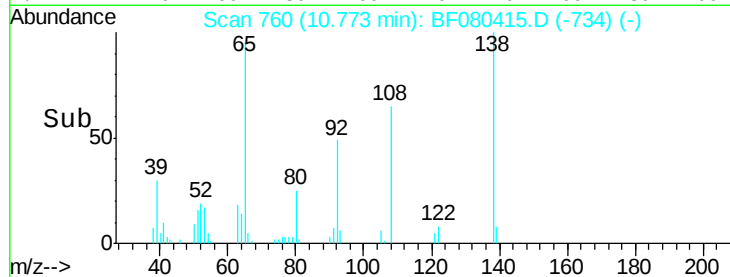
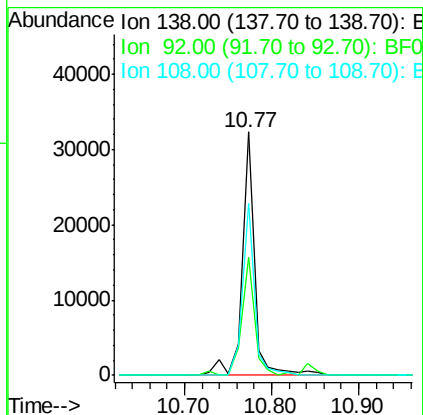
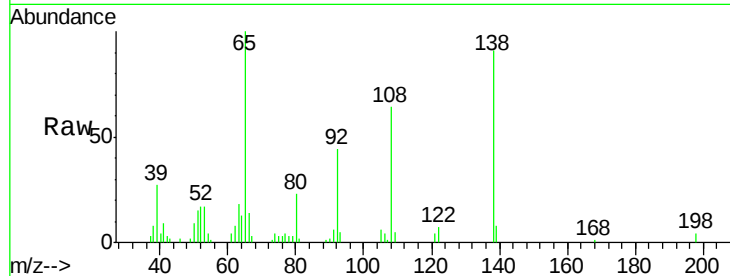
ClientSampleId :

ICVBF071015

Tgt Ion:	138	Resp:	31820
Ion Ratio	Lower	Upper	
138	100		
92	48.8	39.0	79.0
108	70.8	59.4	99.4

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#62

Azobenzene

Concen: 36.86 ng

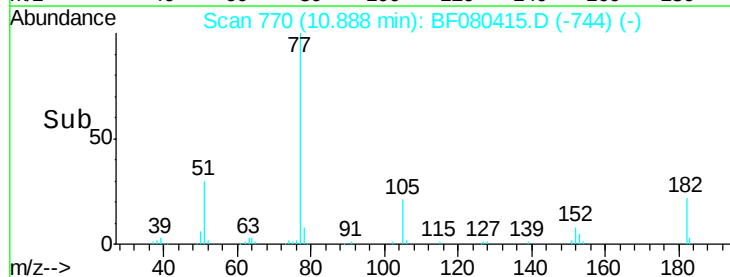
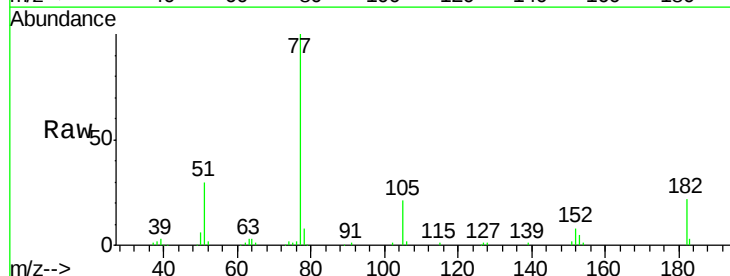
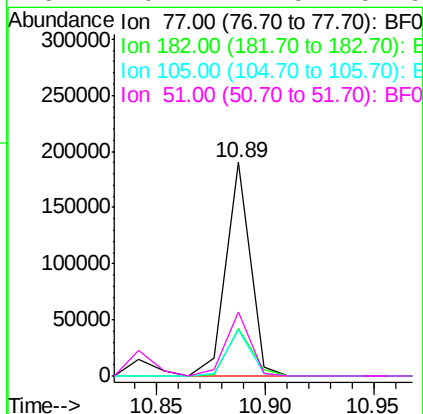
RT: 10.89 min Scan# 770

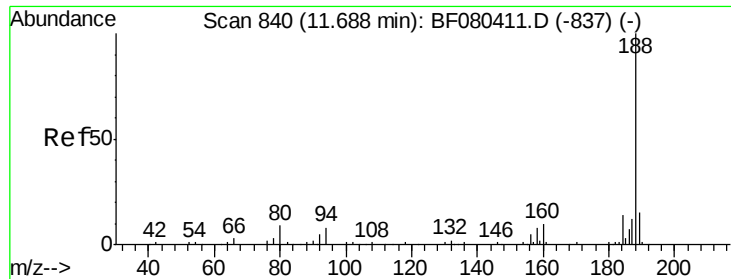
Delta R.T. 0.00 min

Lab File: BF080415.D

Acq: 11 Jul 2015 5:03

Tgt Ion:	77	Resp:	147396
Ion Ratio	Lower	Upper	
77	100		
182	22.3	0.0	39.4
105	21.4	0.6	40.6
51	29.7	11.5	51.5





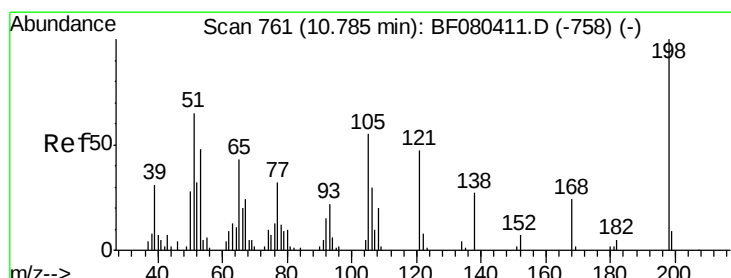
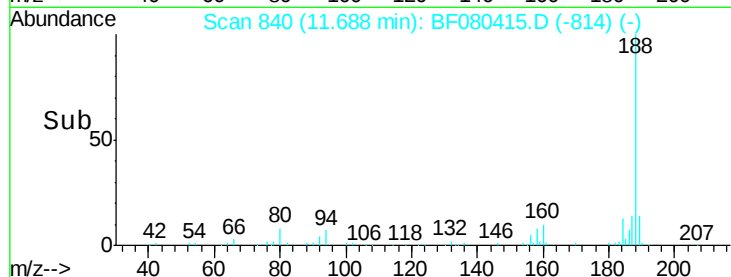
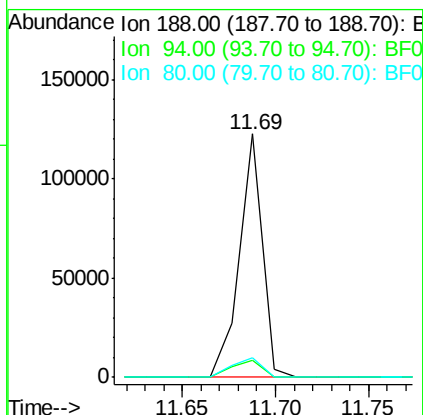
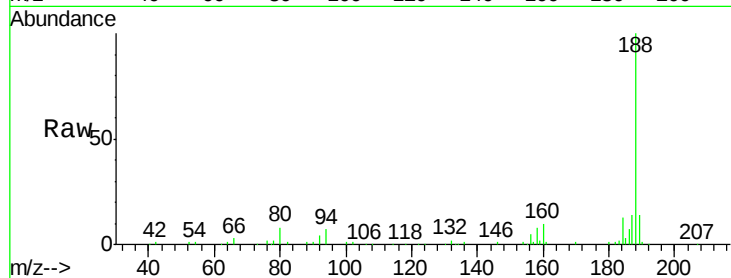
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.69 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Instrument :
BNA_F
ClientSampleId :
ICVBF071015

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.2	6.7	10.1
80	7.8	7.5	11.3

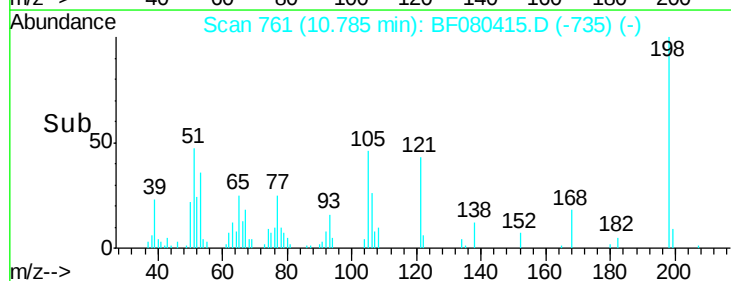
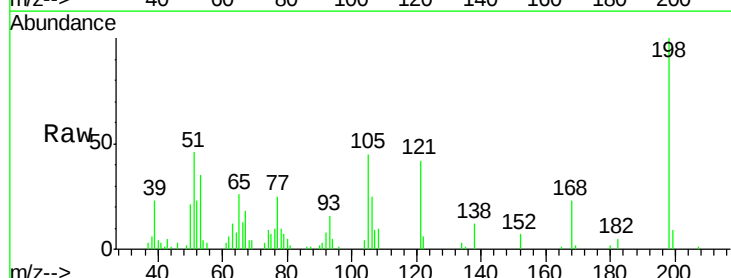
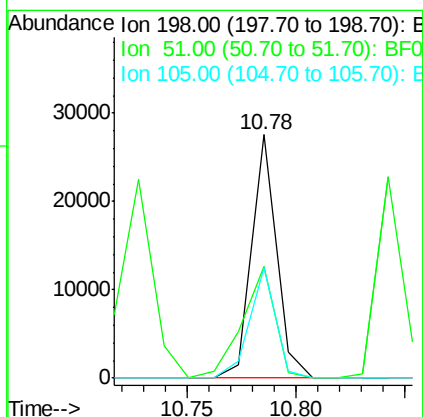
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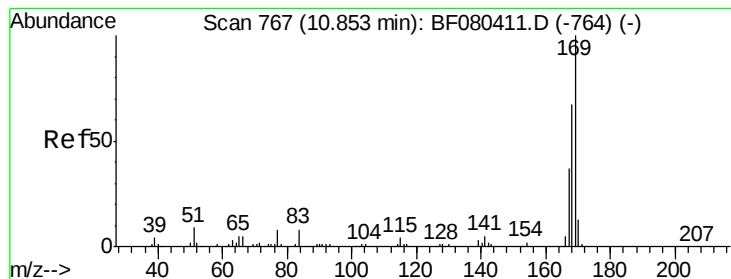
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.96 ng
RT: 10.78 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	45.8	47.2	87.2#
105	45.3	34.7	74.7





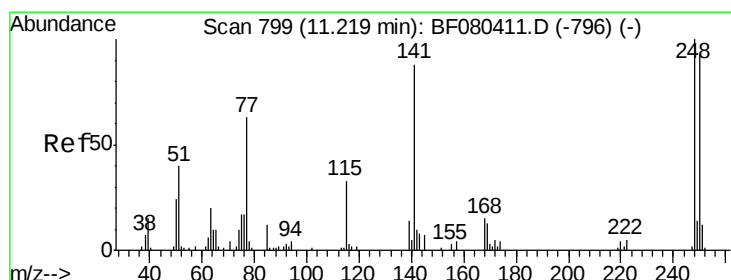
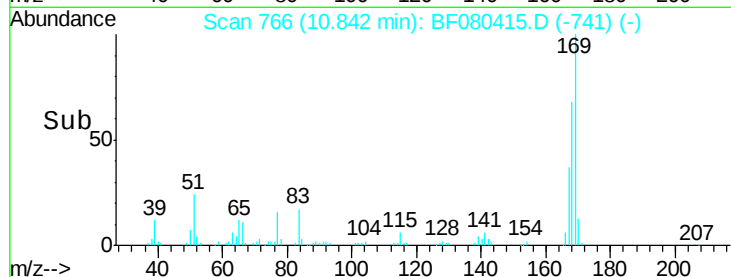
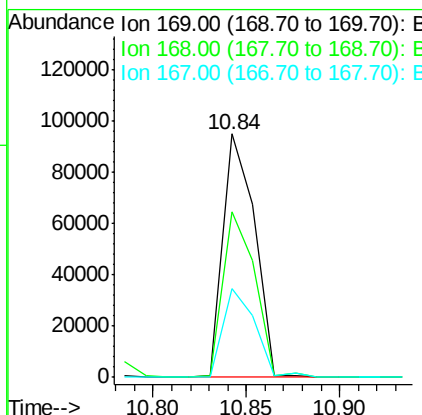
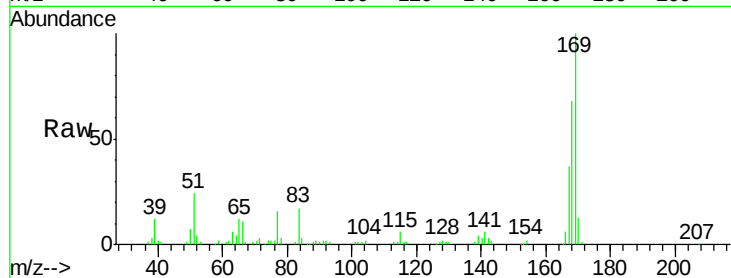
#65
n-Nitrosodiphenylamine
Concen: 34.17 ng
RT: 10.84 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Instrument :
BNA_F
ClientSampleId :
ICVBF071015

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	112573		
168	68.2	53.5	80.3	
167	36.5	29.4	44.2	

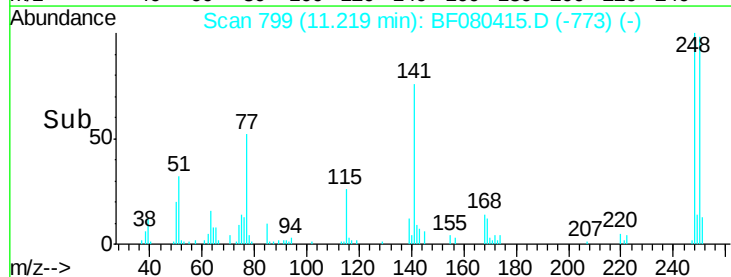
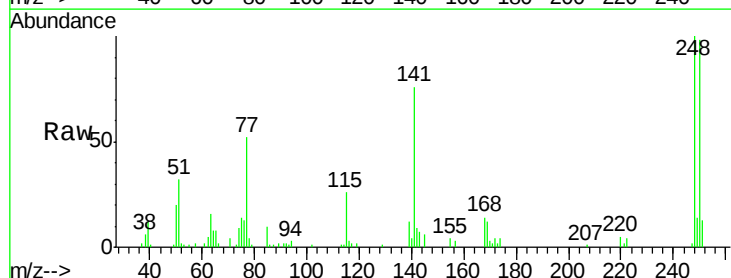
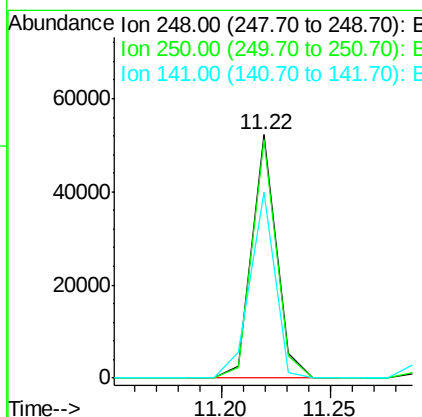
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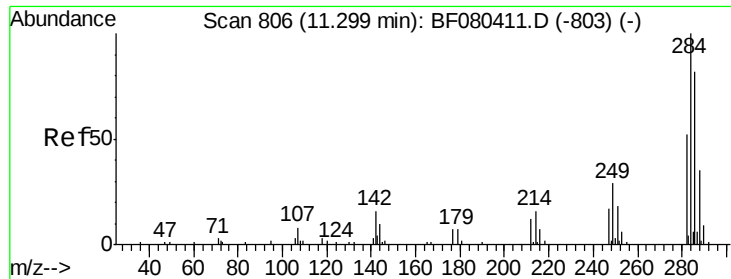
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#66
4-Bromophenyl-phenylether
Concen: 36.61 ng
RT: 11.22 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	41238		
250	97.9	74.2	111.4	
141	76.2	70.7	106.1	





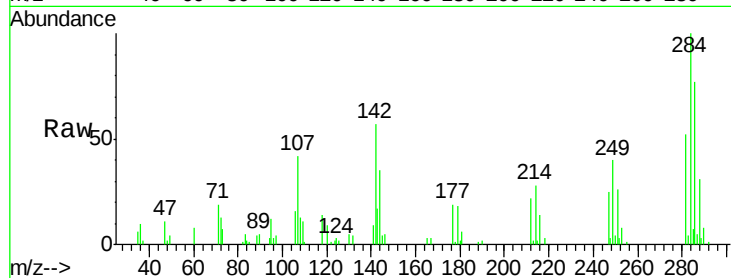
#67
Hexachlorobenzene
Concen: 33.93 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Instrument :
BNA_F
ClientSampleId :
ICVBF071015

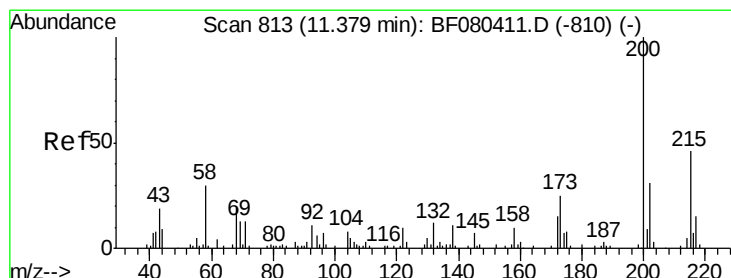
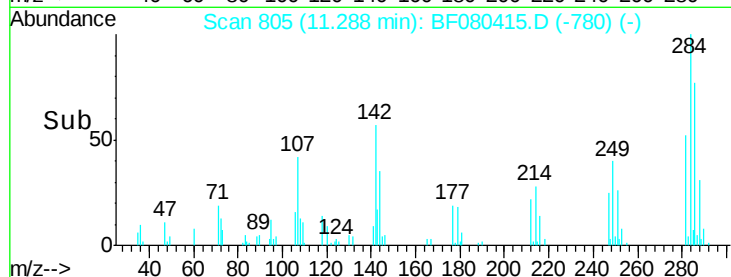
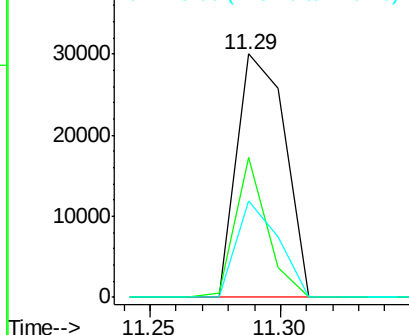
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	57.2	12.9	19.3#
249	39.7	23.5	35.3#

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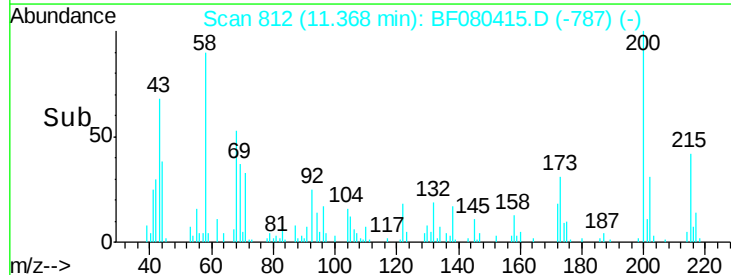
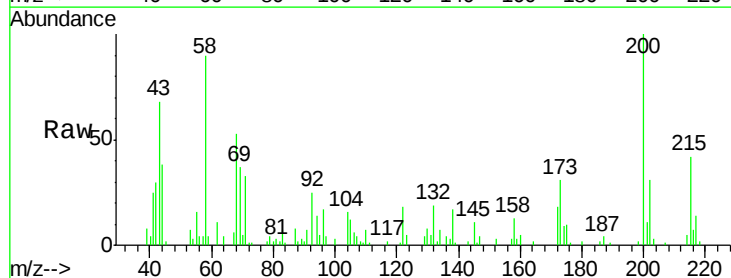
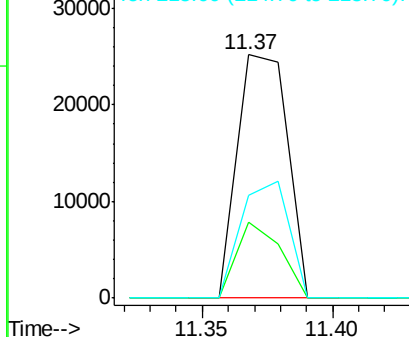
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

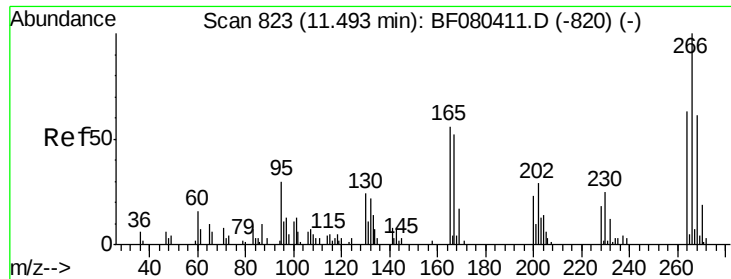


#68
Atrazine
Concen: 33.26 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	31.4	5.5	45.5
215	42.4	25.8	65.8

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





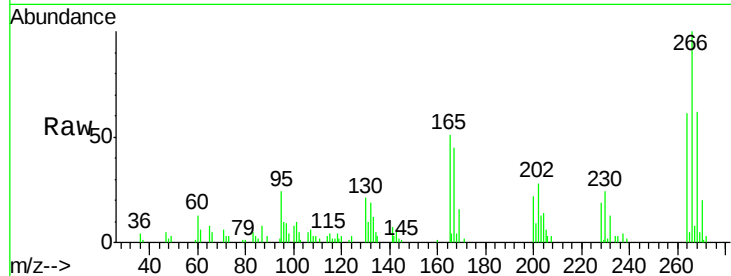
#69
 Pentachlorophenol
 Concen: 38.99 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF080415.D
 Acq: 11 Jul 2015 5:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071015

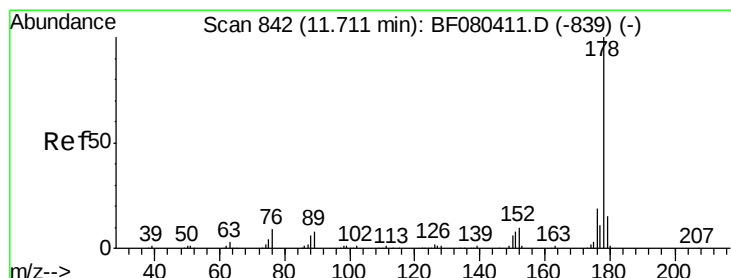
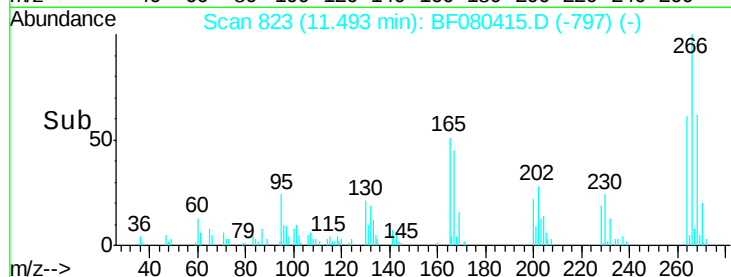
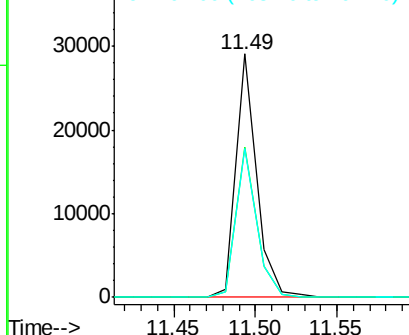
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	25181		
268	61.9	48.5	72.7	
264	61.3	50.2	75.2	

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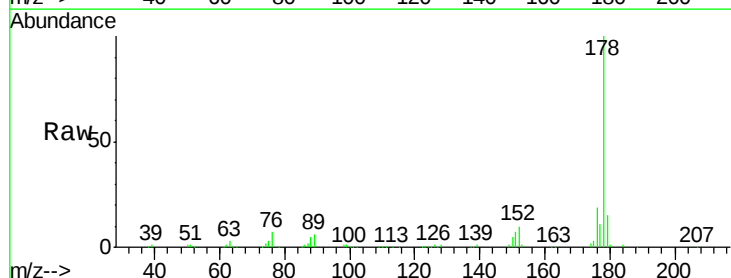


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

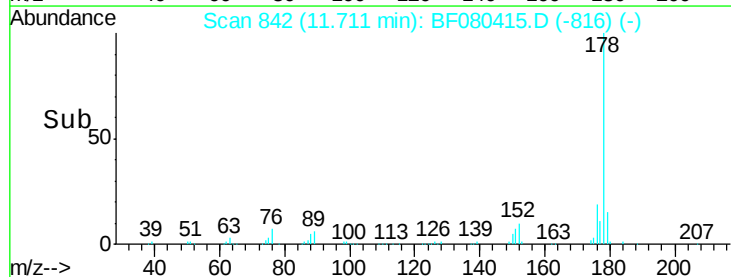
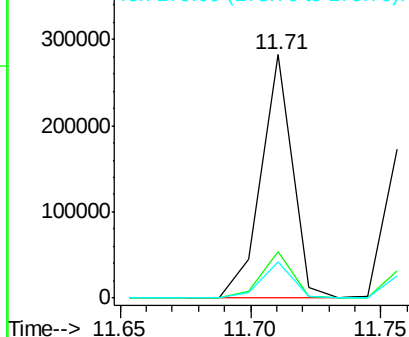


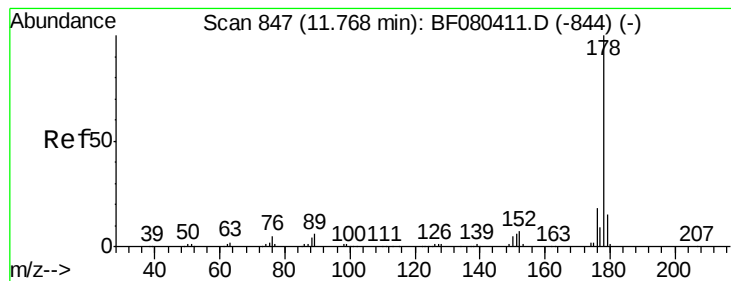
#70
 Phenanthrene
 Concen: 36.63 ng
 RT: 11.71 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF080415.D
 Acq: 11 Jul 2015 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	232541		
176	19.3	15.2	22.8	
179	15.0	12.4	18.6	



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: 36.19 ng

RT: 11.76 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF080415.D

Acq: 11 Jul 2015 5:03

Instrument :

BNA_F

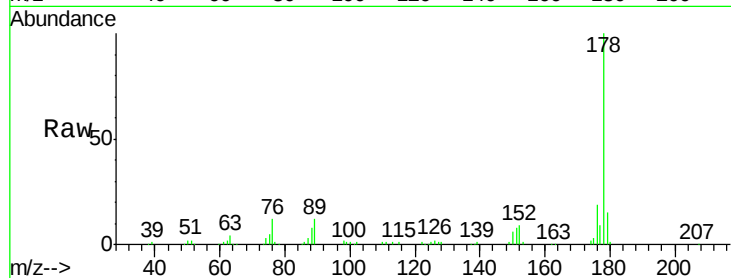
ClientSampleId :

ICVBF071015

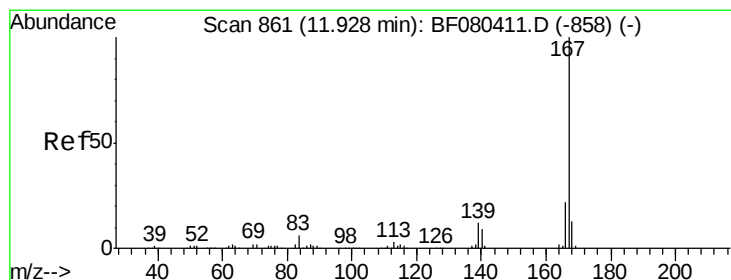
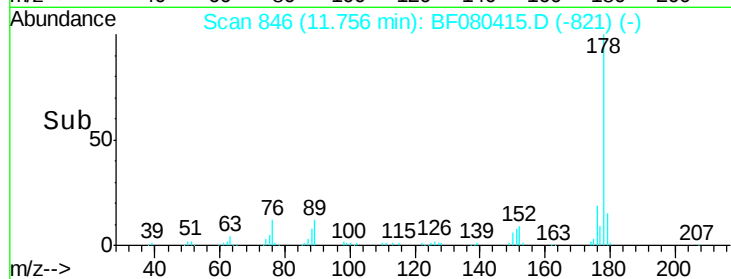
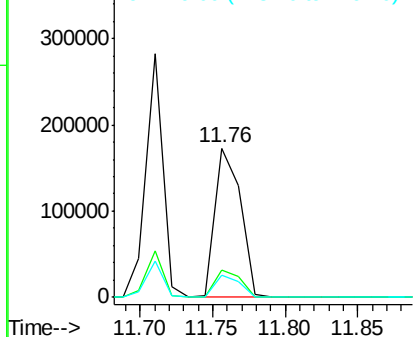
Tgt Ion:	178	Resp:	212783
Ion Ratio	Lower	Upper	
178	100		
176	18.6	14.2	21.4
179	15.2	11.6	17.4

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



#72

Carbazole

Concen: 36.48 ng

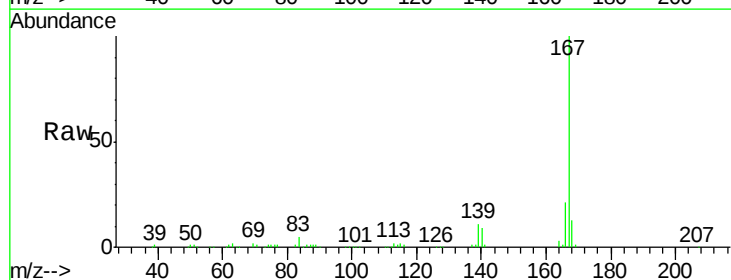
RT: 11.93 min Scan# 861

Delta R.T. 0.00 min

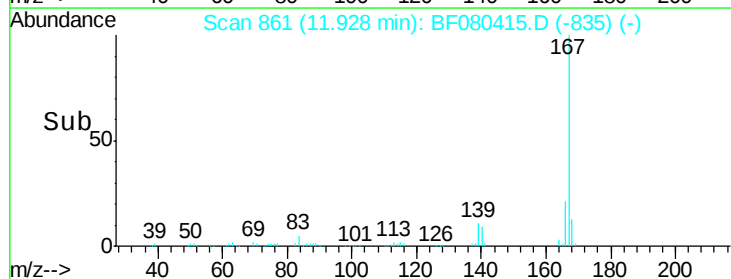
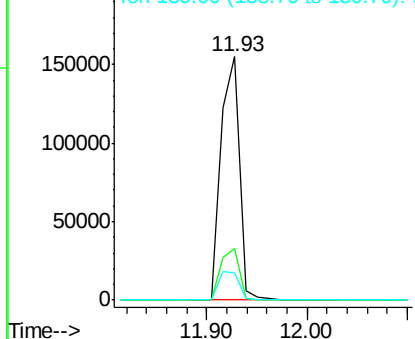
Lab File: BF080415.D

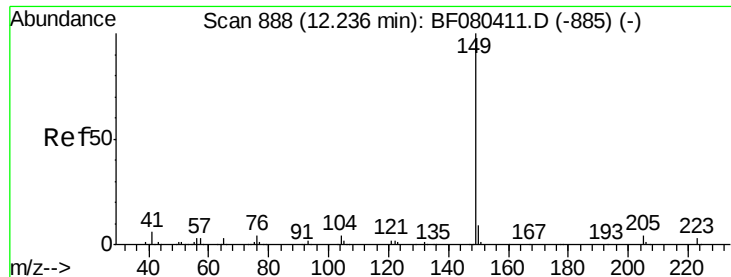
Acq: 11 Jul 2015 5:03

Tgt Ion:	167	Resp:	197946
Ion Ratio	Lower	Upper	
167	100		
166	21.0	17.4	26.2
139	11.2	9.5	14.3



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





#73

Di-n-butylphthalate

Concen: 38.20 ng

RT: 12.24 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF080415.D

Acq: 11 Jul 2015 5:03

Instrument :

BNA_F

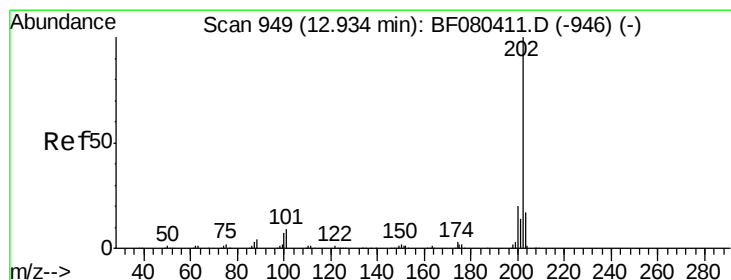
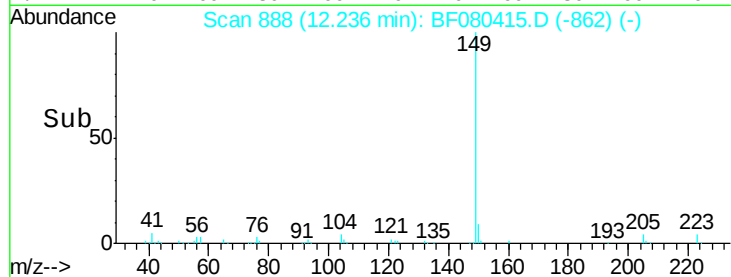
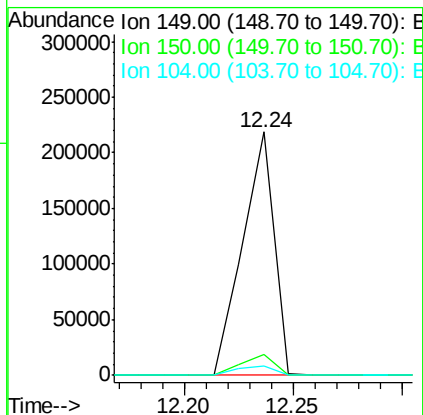
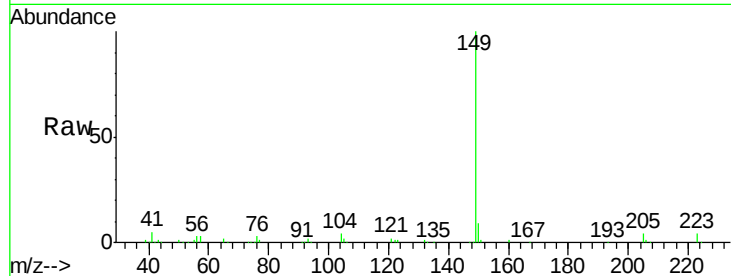
ClientSampleId :

ICVBF071015

Tgt Ion:	149	Resp:	219141
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.4	11.0
104	3.7	3.5	5.3

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#74

Fluoranthene

Concen: 37.67 ng

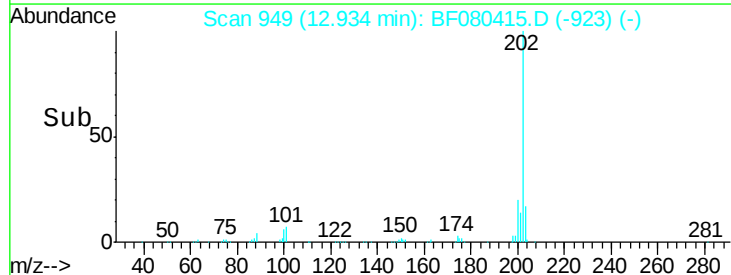
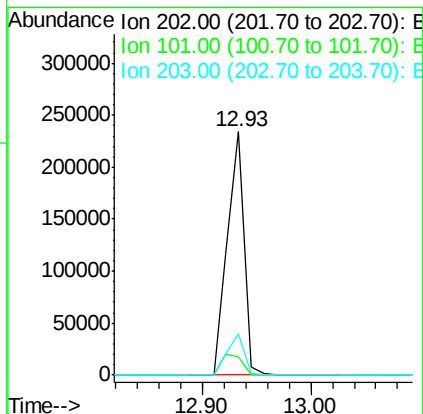
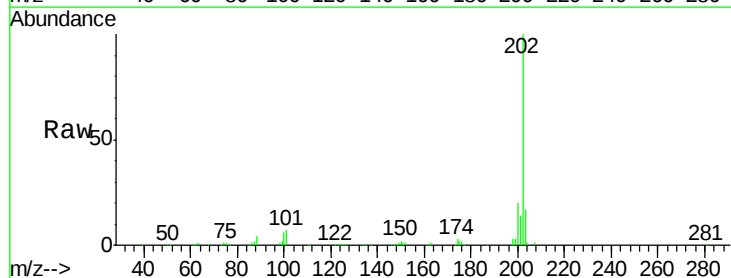
RT: 12.93 min Scan# 949

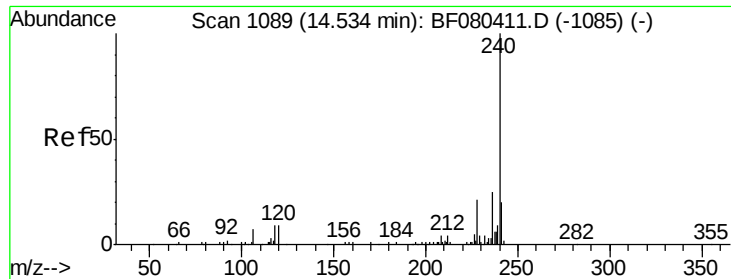
Delta R.T. 0.00 min

Lab File: BF080415.D

Acq: 11 Jul 2015 5:03

Tgt Ion:	202	Resp:	247997
Ion Ratio	Lower	Upper	
202	100		
101	7.4	0.0	28.8
203	17.2	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.53 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BF080415.D

Acq: 11 Jul 2015 5:03

Instrument :

BNA_F

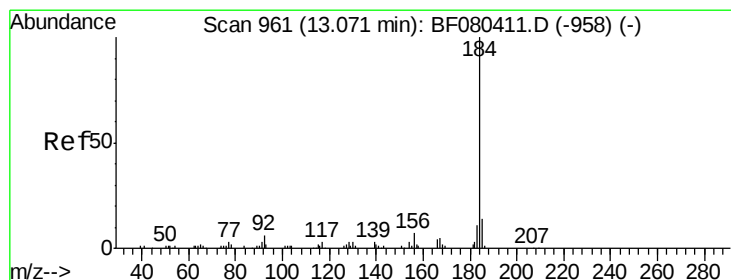
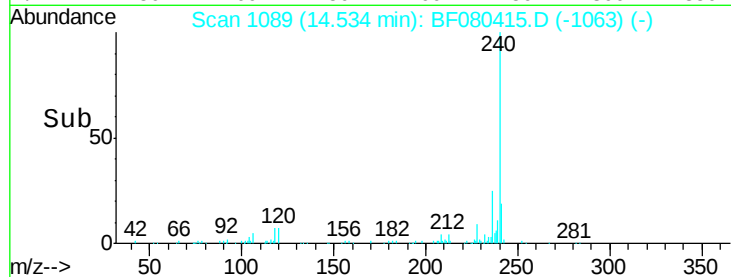
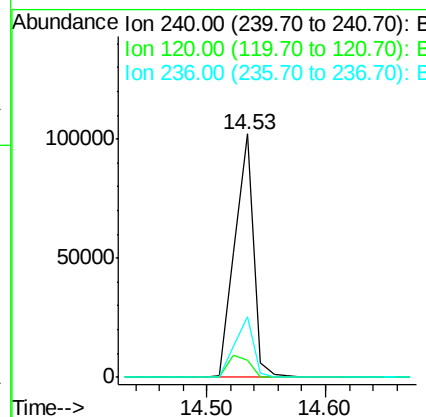
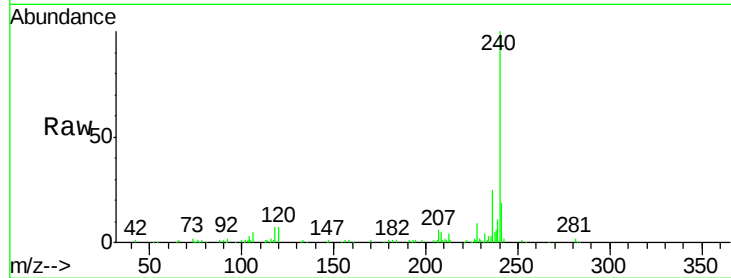
ClientSampleId :

ICVBF071015

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	112345		
120	7.1	7.4	11.2#	
236	25.1	19.7	29.5	

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#76

Benzidine

Concen: 36.47 ng

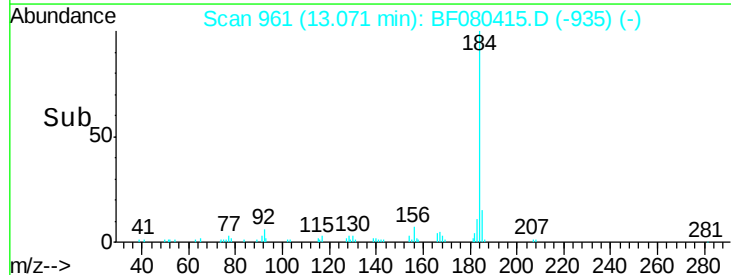
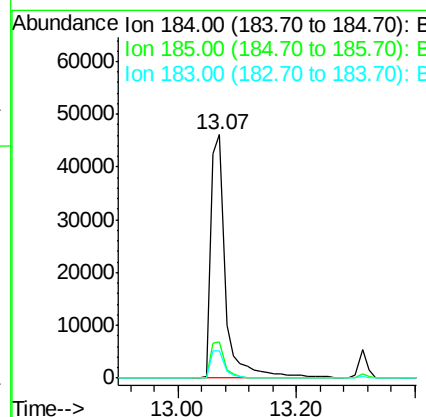
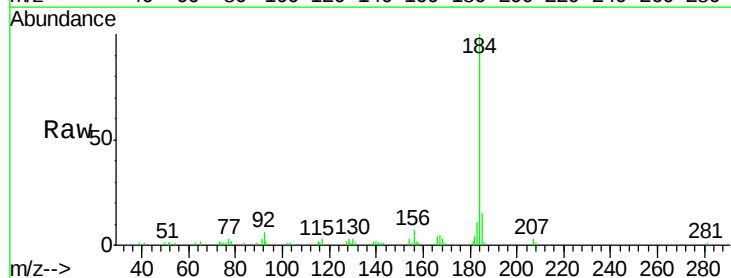
RT: 13.07 min Scan# 961

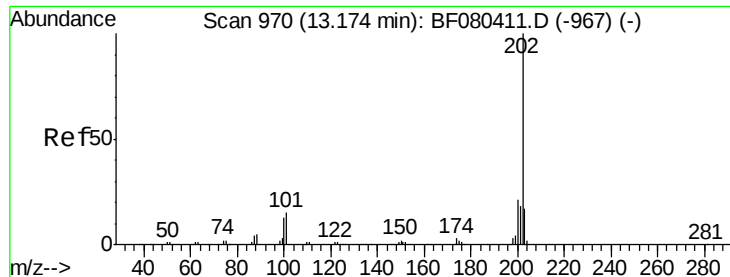
Delta R.T. 0.00 min

Lab File: BF080415.D

Acq: 11 Jul 2015 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	80058		
185	14.9	11.0	16.4	
183	11.1	9.0	13.6	





#77

Pyrene

Concen: 35.22 ng

RT: 13.17 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF080415.D

Acq: 11 Jul 2015 5:03

Instrument :

BNA_F

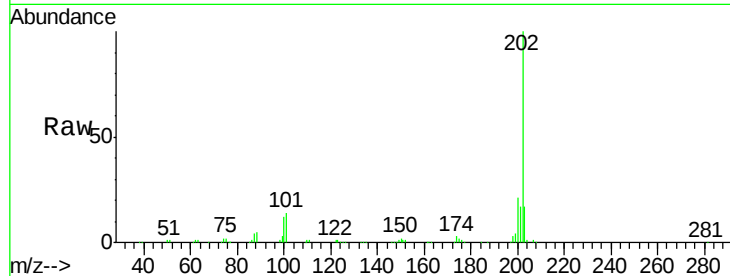
ClientSampleId :

ICVBF071015

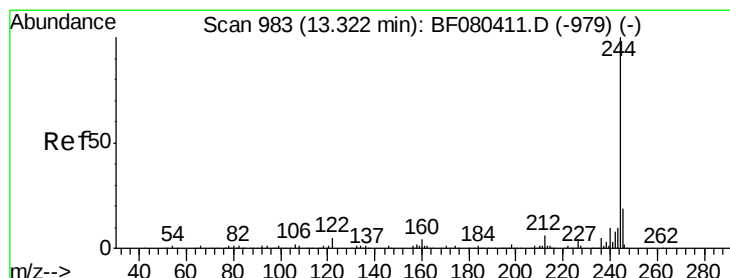
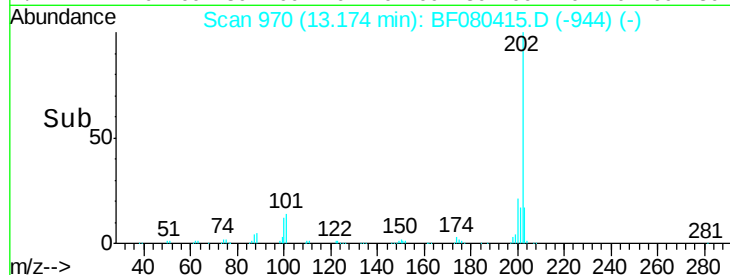
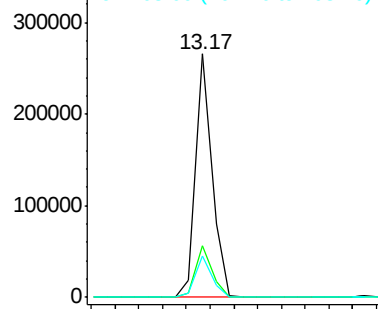
Tgt	Ion:202	Resp:	253507
Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.6
203	17.2	13.8	20.8

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



#78

Terphenyl-d14

Concen: 66.08 ng

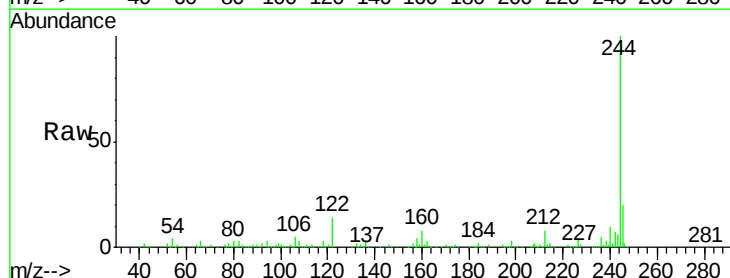
RT: 13.31 min Scan# 982

Delta R.T. -0.01 min

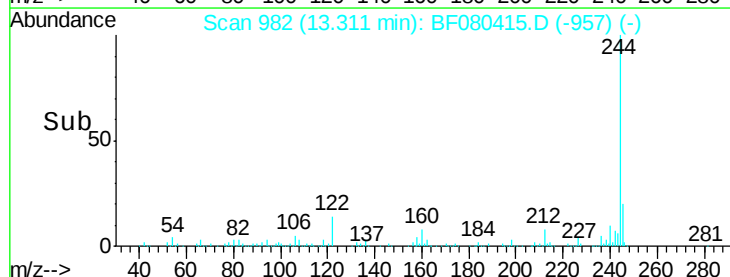
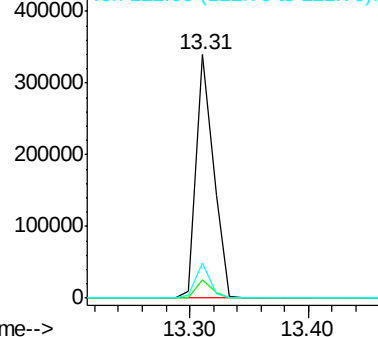
Lab File: BF080415.D

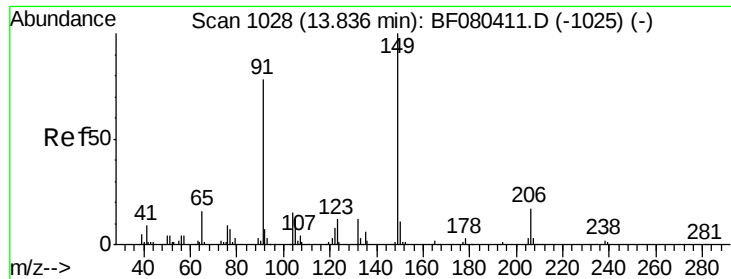
Acq: 11 Jul 2015 5:03

Tgt	Ion:244	Resp:	341813
Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.9	7.3#
122	14.4	4.1	6.1#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





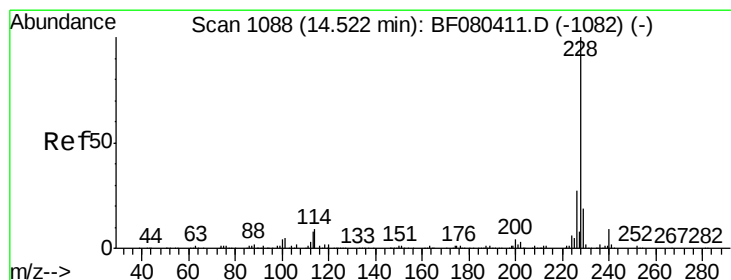
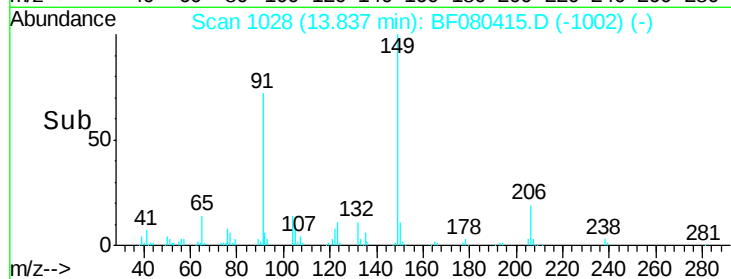
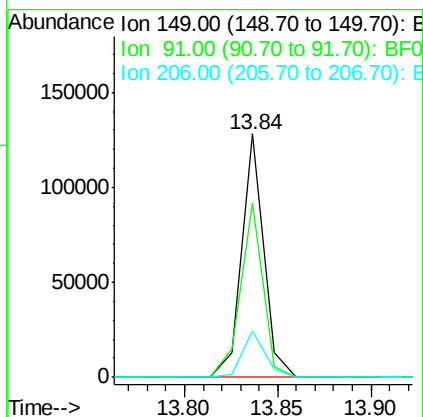
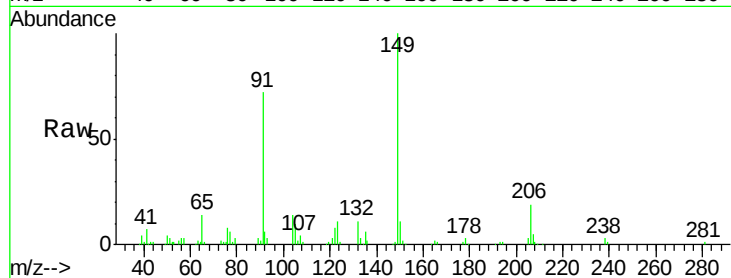
#79
Butylbenzylphthalate
Concen: 38.94 ng
RT: 13.84 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Instrument :
BNA_F
ClientSampleId :
ICVBF071015

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	71.5	62.5	93.7
206	18.9	14.0	21.0

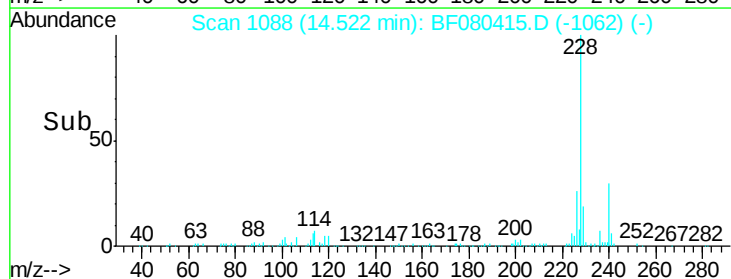
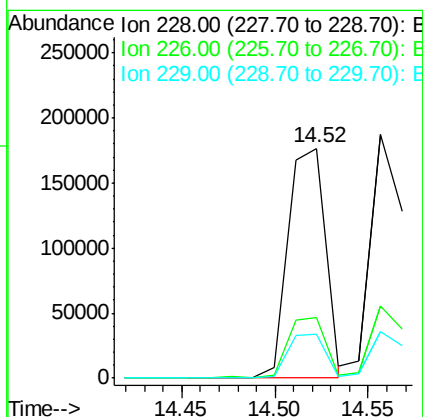
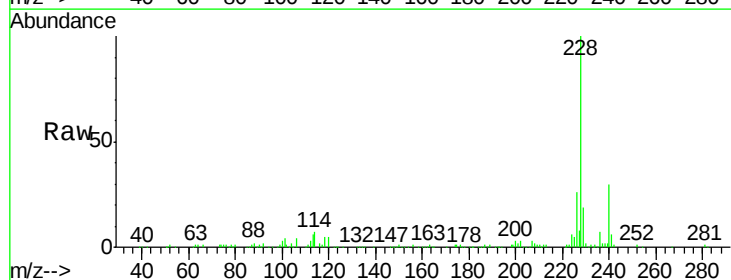
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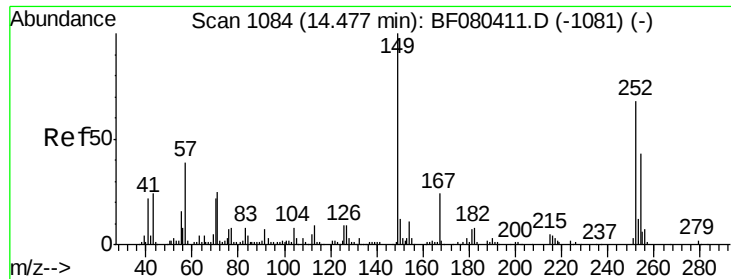
apatel
7/13/2015 3:31:32 PM



#80
Benzo(a)anthracene
Concen: 35.14 ng
RT: 14.52 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	26.4	21.7	32.5
229	19.0	15.5	23.3





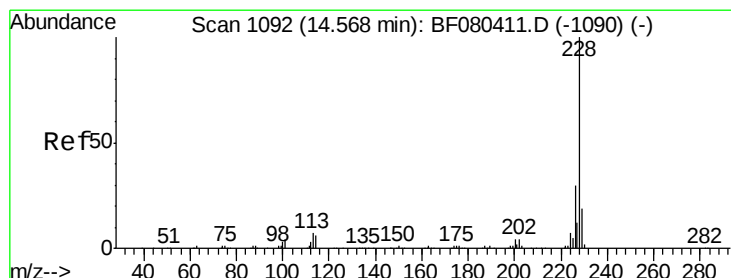
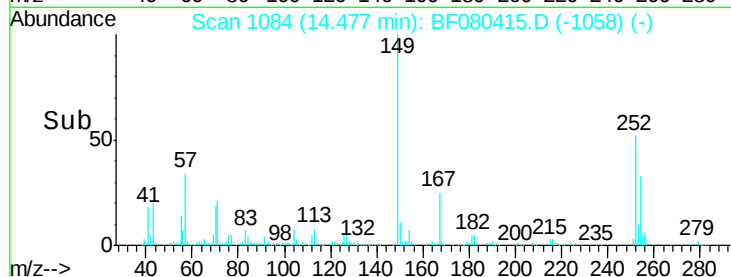
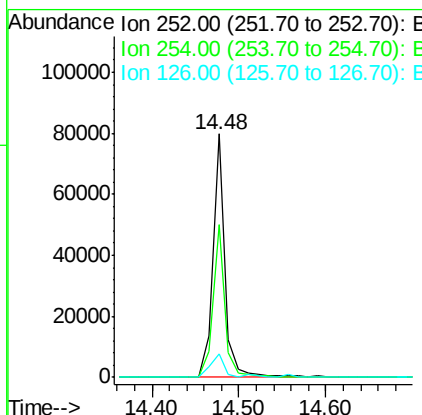
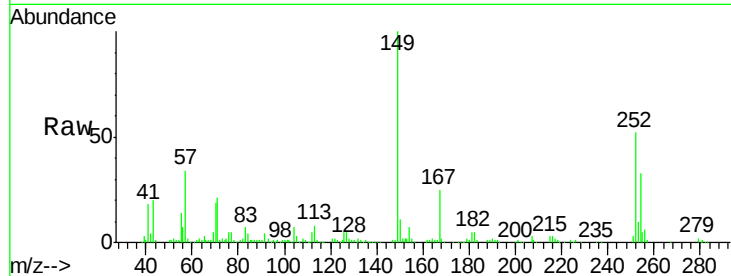
#81
 3,3'-Dichlorobenzidine
 Concen: 36.73 ng
 RT: 14.48 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF080415.D
 Acq: 11 Jul 2015 5:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071015

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	77739		
254	62.8	50.6	76.0	
126	9.7	10.6	15.8	

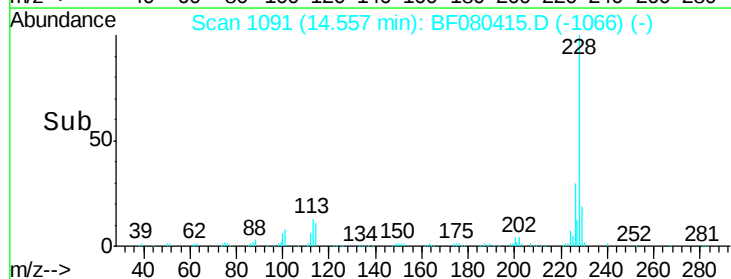
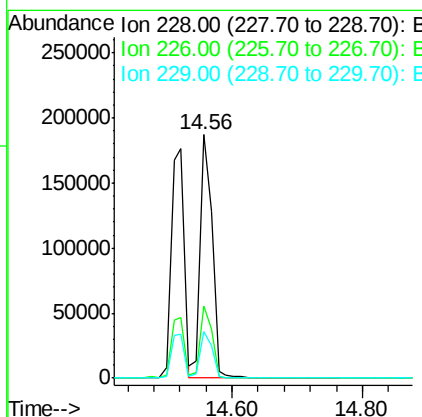
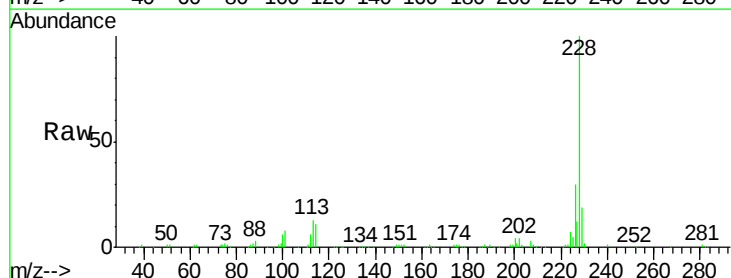
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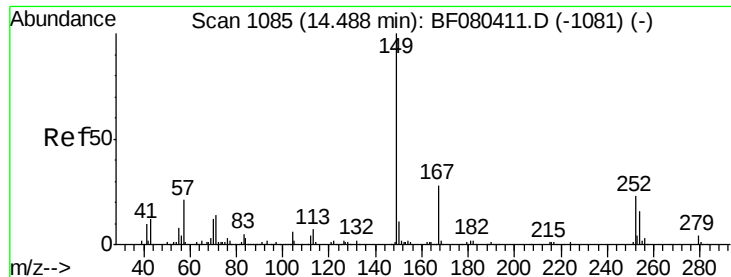
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#82
 Chrysene
 Concen: 36.26 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. -0.01 min
 Lab File: BF080415.D
 Acq: 11 Jul 2015 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	236406		
226	29.8	24.3	36.5	
229	19.3	15.5	23.3	





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.79 ng

RT: 14.48 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF080415.D

Acq: 11 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

ICVBF071015

Tgt Ion:149 Resp: 157517
Ion Ratio Lower Upper

149 100

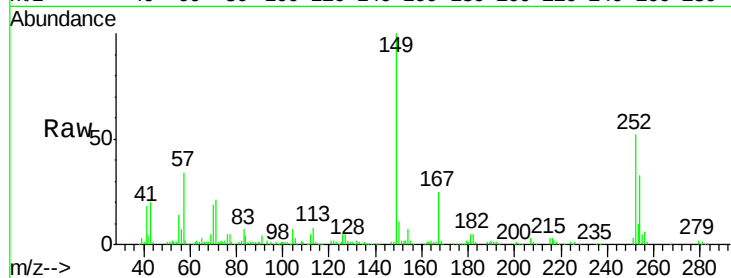
167 24.9 22.5 33.7

279 2.1 3.5 5.3#

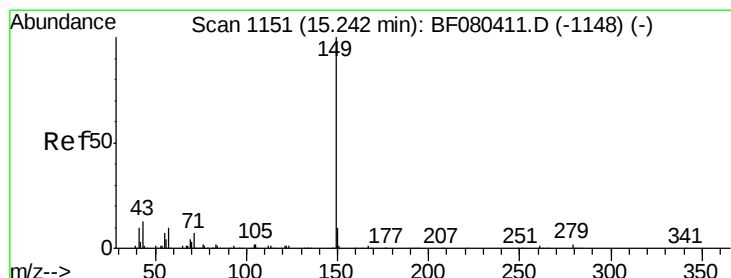
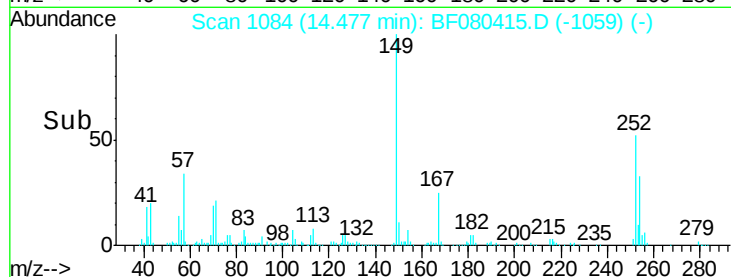
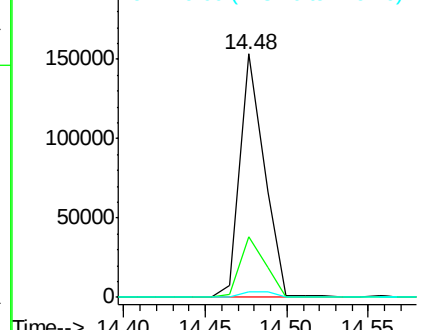
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 35.55 ng

RT: 15.24 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF080415.D

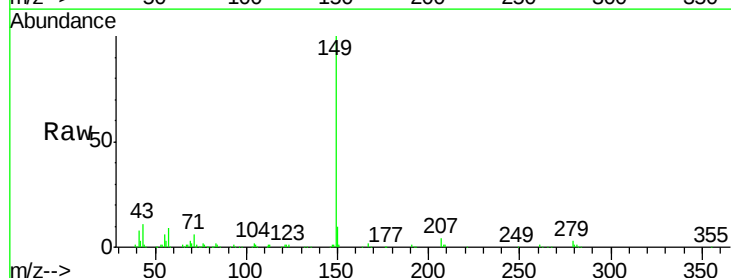
Acq: 11 Jul 2015 5:03

Tgt Ion:149 Resp: 268139
Ion Ratio Lower Upper

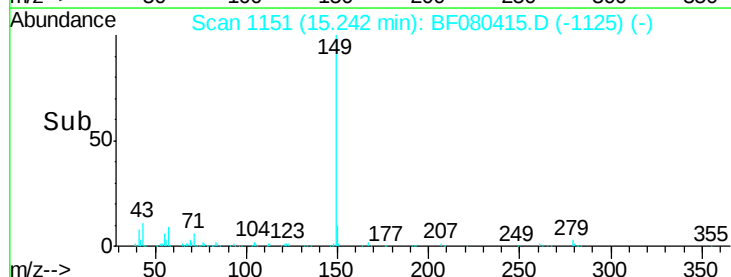
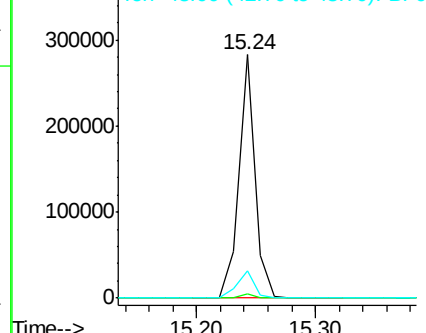
149 100

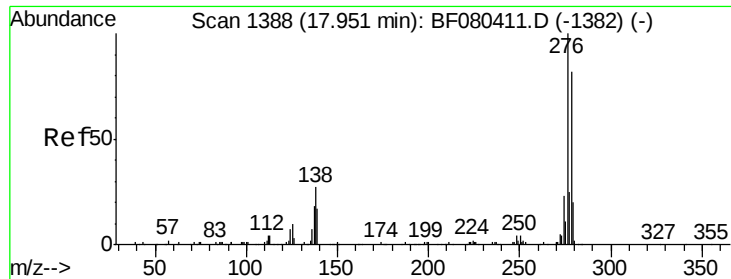
167 1.6 1.2 1.8

43 12.2 9.0 13.6



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





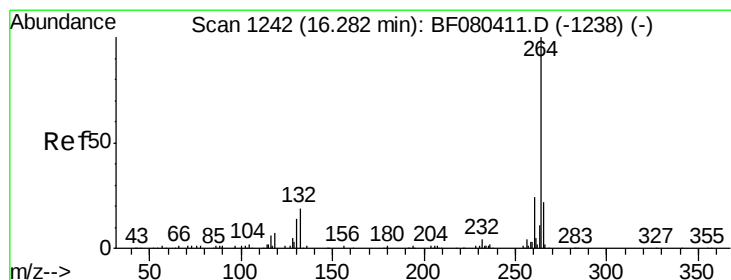
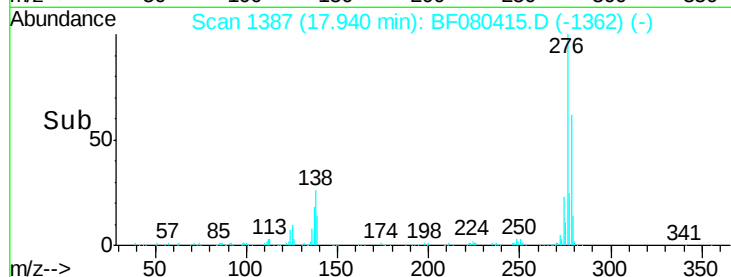
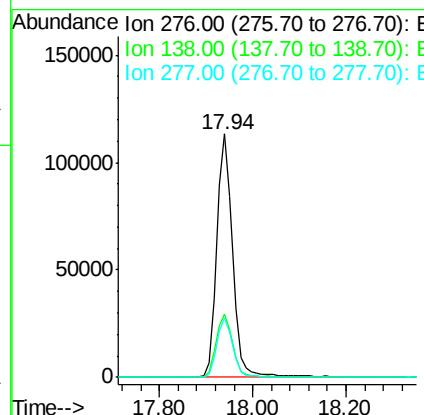
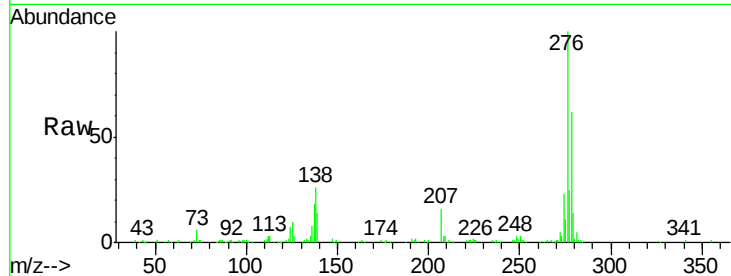
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.28 ng
 RT: 17.94 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF080415.D
 Acq: 11 Jul 2015 5:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071015

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	269494		
138	27.3	21.4	32.0	
277	24.4	19.5	29.3	

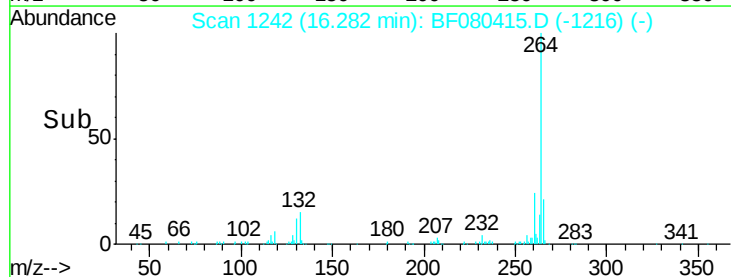
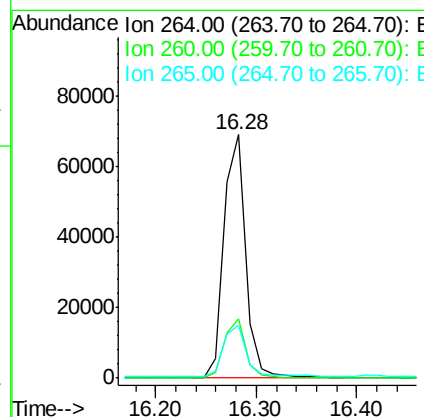
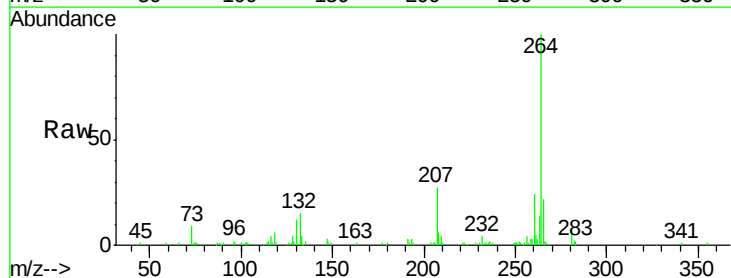
Manual Integrations
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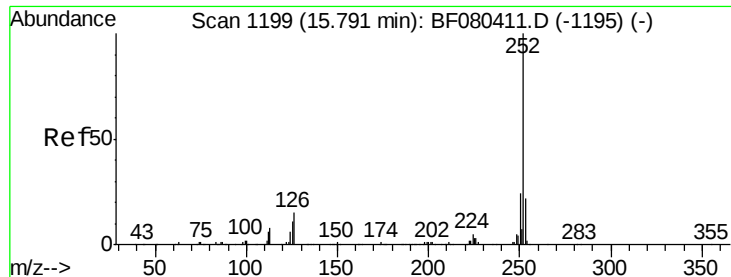
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.28 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BF080415.D
 Acq: 11 Jul 2015 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	103911		
260	24.1	19.4	29.2	
265	21.9	17.8	26.8	





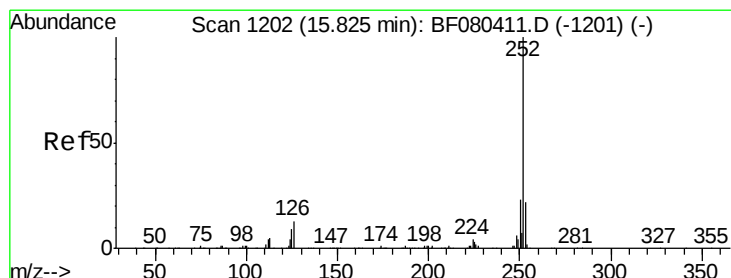
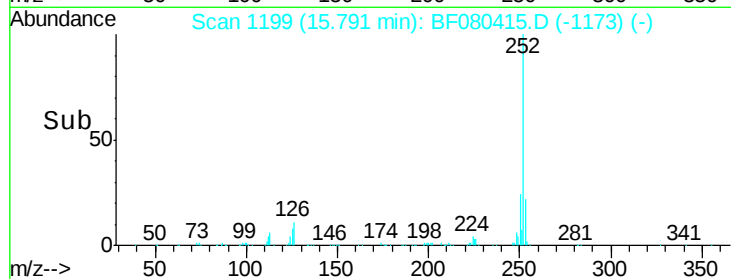
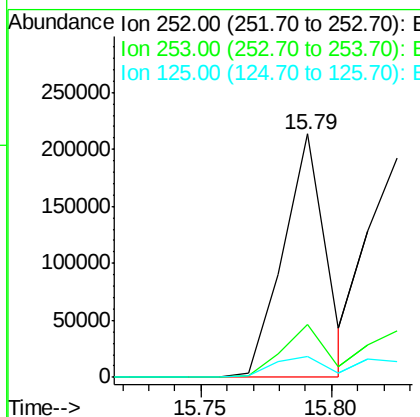
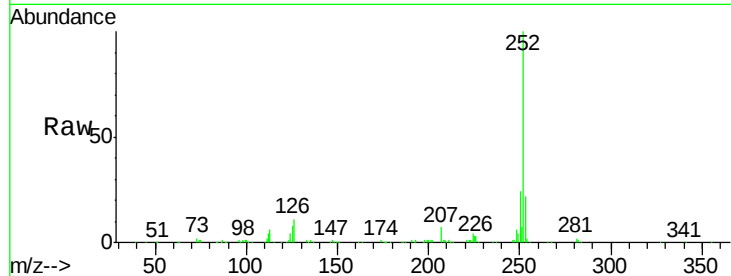
#87
Benzo(b)fluoranthene
Concen: 33.34 ng
RT: 15.79 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Instrument :
BNA_F
ClientSampleId :
ICVBF071015

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.6	17.8	26.8
125	8.5	8.6	12.8#

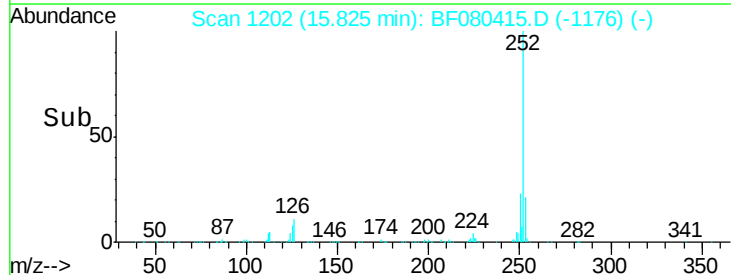
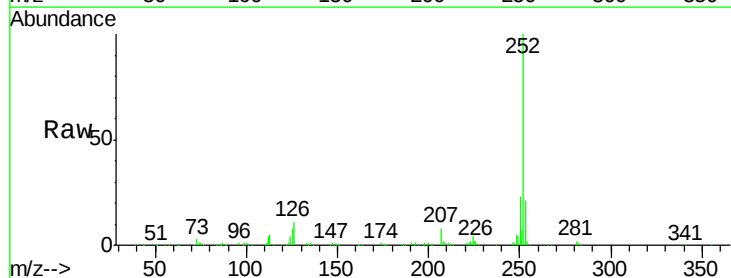
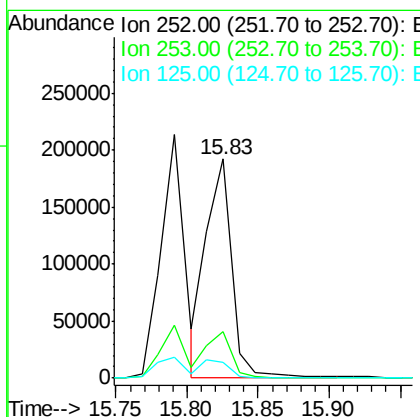
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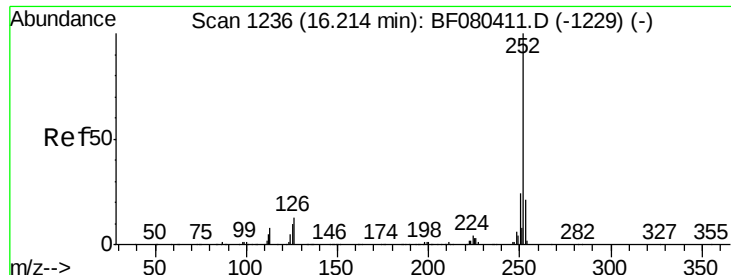
apatel
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#88
Benzo(k)fluoranthene
Concen: 41.53 ng m
RT: 15.83 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.1	17.7	26.5
125	7.5	8.4	12.6#





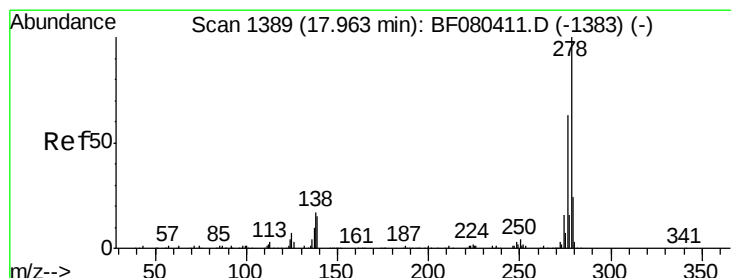
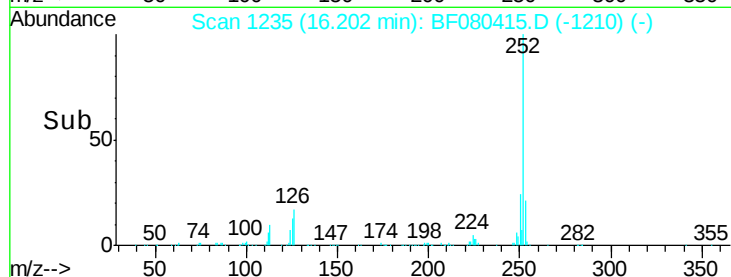
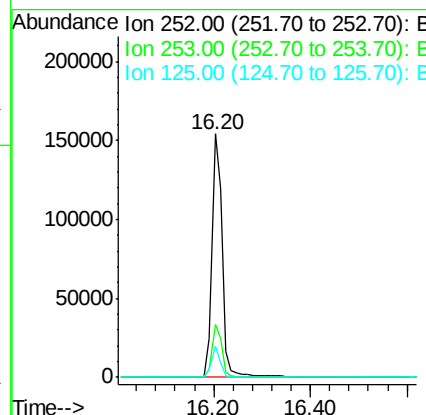
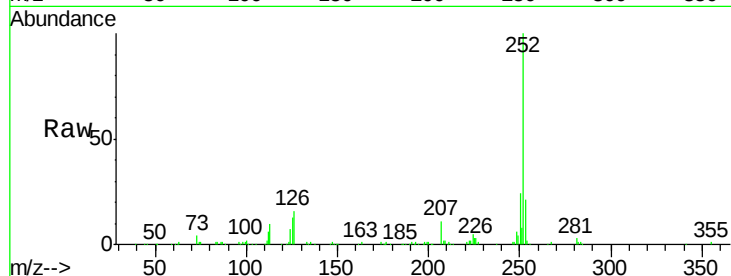
#89
Benzo(a)pyrene
Concen: 36.62 ng
RT: 16.20 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Instrument :
BNA_F
ClientSampleId :
ICVBF071015

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.5	17.0	25.6
125	12.7	8.1	12.1

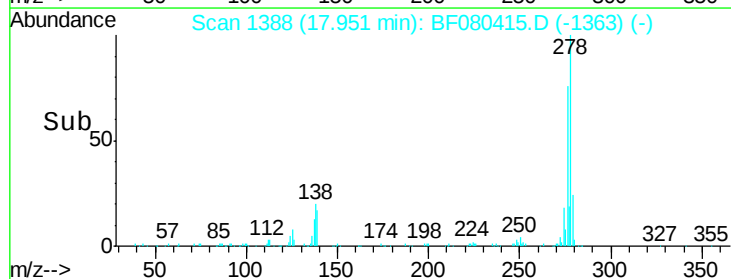
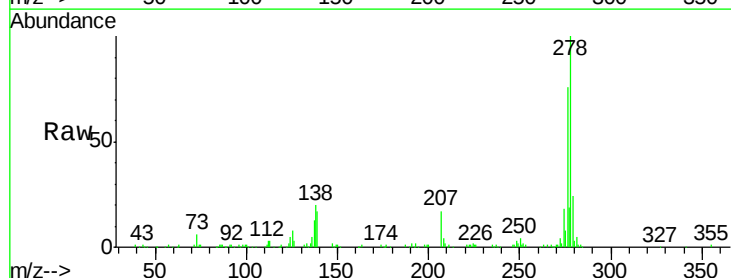
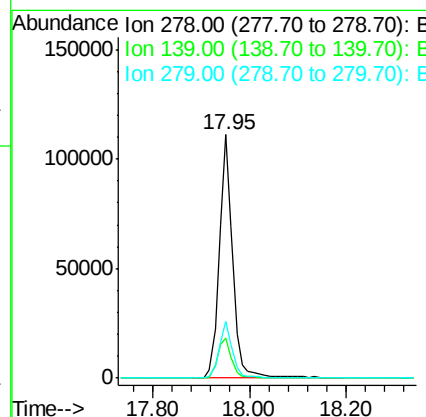
Manual Integrations
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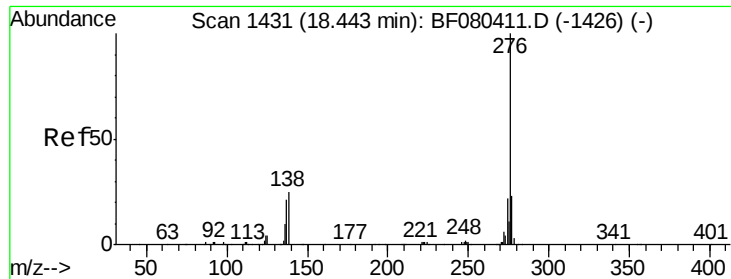
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#90
Dibenzo(a,h)anthracene
Concen: 35.03 ng
RT: 17.95 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF080415.D
Acq: 11 Jul 2015 5:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	16.7	11.8	17.8
279	23.6	18.8	28.2





#91
 Benzo(g,h,i)perylene
 Concen: 35.10 ng
 RT: 18.44 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF080415.D
 Acq: 11 Jul 2015 5:03

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071015

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	23.5	18.2	27.4
138	23.9	20.3	30.5

Manual Integrations
 APPROVED

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