

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
 Data File : BF082944.D
 Acq On : 16 Nov 2015 18:02
 Operator : UM/IZ
 Sample : PB86620BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Manual Integrations
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 11/17/2015 5:56:05 PM

Quant Time: Nov 17 07:14:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	198019	20.00	ng	-0.07
21) Naphthalene-d8	8.08	136	779228	20.00	ng	-0.07
38) Acenaphthene-d10	9.82	164	376454	20.00	ng	-0.07
63) Phenanthrene-d10	11.31	188	750027	20.00	ng	-0.07
75) Chrysene-d12	13.94	240	584944	20.00	ng	-0.08
86) Perylene-d12	15.36	264	599246	20.00	ng	-0.10

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1209913	95.07	ng	-0.05
7) Phenol-d6	6.44	99	1525375	90.16	ng	-0.03
23) Nitrobenzene-d5	7.36	82	1168735	65.26	ng	-0.06
41) 2,4,6-Tribromophenol	10.62	330	399210	92.49	ng	-0.06
44) 2-Fluorobiphenyl	9.15	172	1639123	62.40	ng	-0.07
78) Terphenyl-d14	12.90	244	1875844	76.06	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	165374	30.12	ng	96
3) Pyridine	3.10	79	466706	29.29	ng	93
4) n-Nitrosodimethylamine	3.05	42	236023	29.86	ng	# 74
6) Aniline	6.44	93	355292	14.96	ng	# 54
8) 2-Chlorophenol	6.58	128	460610	32.65	ng	95
9) Benzaldehyde	6.33	77	23371	2.50	ng	83
10) Phenol	6.45	94	498183	25.95	ng	96
11) bis(2-Chloroethyl)ether	6.52	93	431323	30.04	ng	94
12) 1,3-Dichlorobenzene	6.73	146	488267	30.69	ng	# 84
13) 1,4-Dichlorobenzene	6.81	146	475983m	28.75	ng	
14) 1,2-Dichlorobenzene	6.96	146	455790	30.27	ng	99
15) Benzyl Alcohol	6.93	79	395440	26.61	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	693873	32.95	ng	75
17) 2-Methylphenol	7.06	107	354001	29.62	ng	96
18) Hexachloroethane	7.30	117	174915	29.54	ng	94
19) n-Nitroso-di-n-propylamine	7.21	70	359297	28.89	ng	88
20) 3+4-Methylphenols	7.22	107	486050	31.29	ng	# 60
22) Acetophenone	7.20	105	621165	27.82	ng	# 99
24) Nitrobenzene	7.37	77	494152	26.98	ng	91
25) Isophorone	7.62	82	964638	29.11	ng	95
26) 2-Nitrophenol	7.69	139	225911	29.55	ng	# 75
27) 2,4-Dimethylphenol	7.74	122	429270	31.25	ng	91
28) bis(2-Chloroethoxy)methane	7.82	93	552987	29.59	ng	97
29) 2,4-Dichlorophenol	7.94	162	387451	31.21	ng	91
30) 1,2,4-Trichlorobenzene	8.02	180	420145	30.10	ng	96
31) Naphthalene	8.10	128	1253826	29.16	ng	98
32) Benzoic acid	7.87	122	253081	26.91	ng	86
33) 4-Chloroaniline	8.14	127	198979	10.74	ng	# 90
34) Hexachlorobutadiene	8.22	225	248709	28.47	ng	99
35) Caprolactam	8.51	113	119991	30.66	ng	# 89
36) 4-Chloro-3-methylphenol	8.65	107	424295	29.06	ng	90
37) 2-Methylnaphthalene	8.78	142	787120	28.30	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	390713	31.58	ng	97
40) Hexachlorocyclopentadiene	8.94	237	446977	67.25	ng	99

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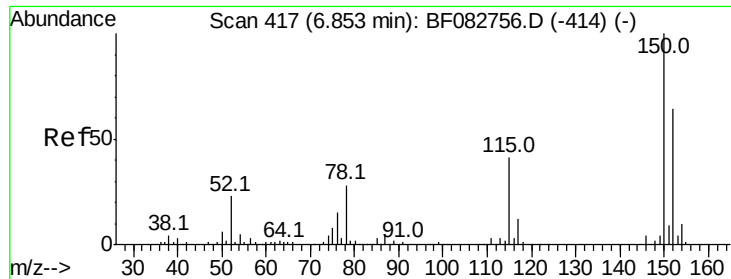
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	262874	28.47	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	262174	28.71	nq	98
45) 1,1'-Biphenyl	9.25	154	1044143	32.32	nq	96
46) 2-Chloronaphthalene	9.28	162	822434	32.64	nq	99
47) 2-Nitroaniline	9.37	65	259347	27.75	nq	90
48) Acenaphthylene	9.69	152	1194027	30.24	nq	99
49) Dimethylphthalate	9.56	163	992706	32.19	nq	98
50) 2,6-Dinitrotoluene	9.62	165	219105	33.29	nq #	65
51) Acenaphthene	9.86	154	861638	34.43	nq	99
52) 3-Nitroaniline	9.78	138	106118	14.66	nq #	81
53) 2,4-Dinitrophenol	9.89	184	258073	71.42	nq #	9
54) Dibenzofuran	10.03	168	1039069	30.79	nq	94
55) 4-Nitrophenol	9.96	139	323444	58.25	nq #	80
56) 2,4-Dinitrotoluene	10.02	165	305263	34.19	nq	87
57) Fluorene	10.37	166	833454	30.50	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	231097	31.00	nq	93
59) Diethylphthalate	10.26	149	958377	31.82	nq	100
60) 4-Chlorophenyl-phenylether	10.37	204	429516	31.41	nq	95
61) 4-Nitroaniline	10.40	138	197592	27.15	nq #	81
62) Azobenzene	10.53	77	1092332	33.77	nq	92
64) 4,6-Dinitro-2-methylphenol	10.43	198	159182	29.79	nq	80
65) n-Nitrosodiphenylamine	10.49	169	730978	26.98	nq	98
66) 4-Bromophenyl-phenylether	10.85	248	248587	27.53	nq #	73
67) Hexachlorobenzene	10.92	284	270984	26.87	nq #	82
68) Atrazine	11.02	200	274919	32.81	nq	93
69) Pentachlorophenol	11.13	266	297228	48.54	nq	99
70) Phenanthrene	11.33	178	1326886	30.46	nq	99
71) Anthracene	11.38	178	1267875	27.63	nq	98
72) Carbazole	11.54	167	1101786	27.43	nq	98
73) Di-n-butylphthalate	11.88	149	1567001	31.32	nq #	98
74) Fluoranthene	12.52	202	1402610	30.01	nq	94
76) Benzidine	12.64	184	428366	21.85	nq	98
77) Pyrene	12.74	202	1393604	34.69	nq	98
79) Butylbenzylphthalate	13.37	149	643821	36.28	nq	93
80) Benzo(a)anthracene	13.93	228	1255431	34.32	nq	98
81) 3,3'-Dichlorobenzidine	13.89	252	280326	21.56	nq	99
82) Chrysene	13.97	228	1269458	37.89	nq	100
83) Bis(2-ethylhexyl)phthalate	13.94	149	875006	36.02	nq	99
84) Di-n-octyl phthalate	14.55	149	1544965	38.13	nq	96
85) Indeno(1,2,3-cd)pyrene	16.71	276	1040642	36.07	nq #	96
87) Benzo(b)fluoranthene	14.96	252	1168556	30.38	nq #	98
88) Benzo(k)fluoranthene	14.98	252	1014171m	29.72	nq	
89) Benzo(a)pyrene	15.30	252	1064732	31.95	nq #	98
90) Dibenzo(a,h)anthracene	16.72	278	868775	30.79	nq #	96
91) Benzo(g,h,i)perylene	17.12	276	857109	31.71	nq	97

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



#1

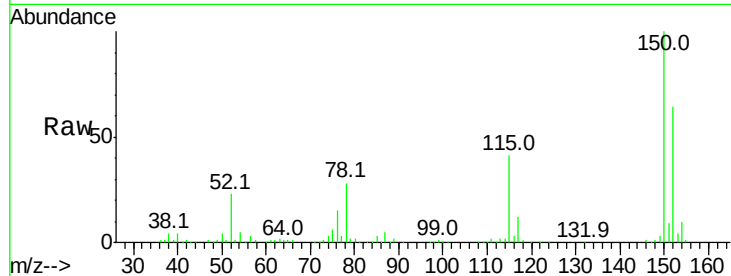
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.07 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

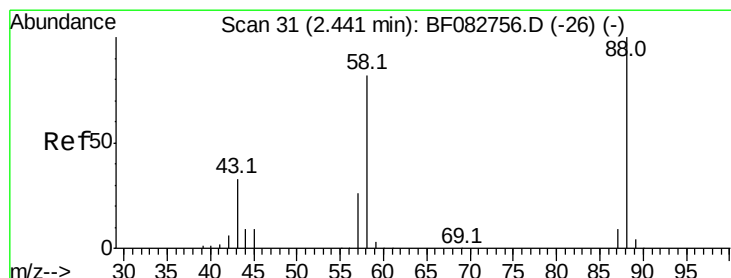
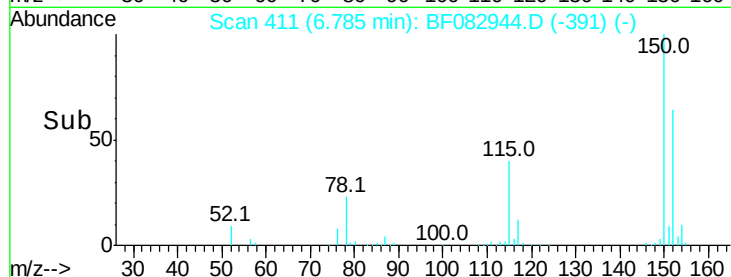
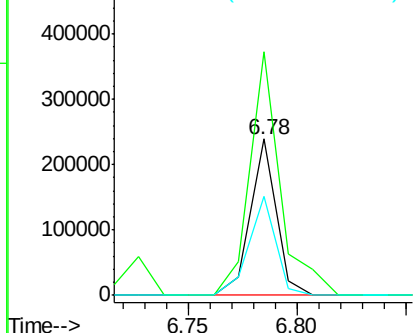
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	127.0	190.4
115	63.6	47.0	70.6

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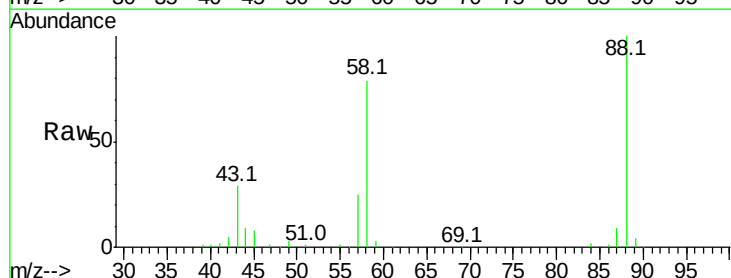
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



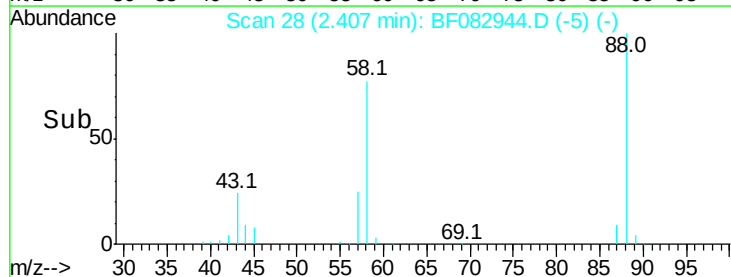
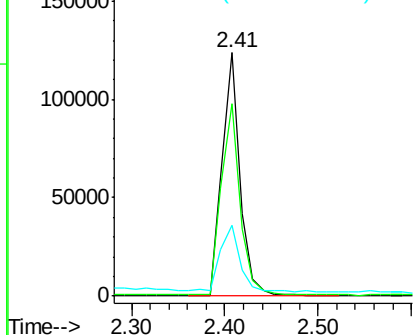
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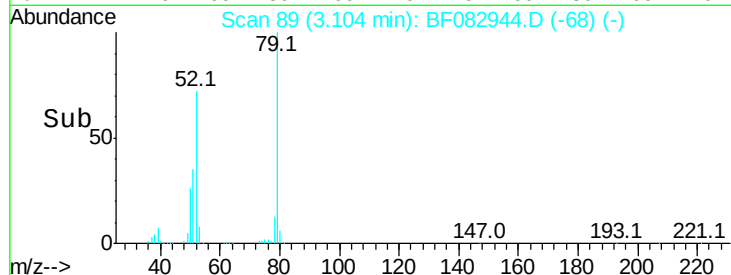
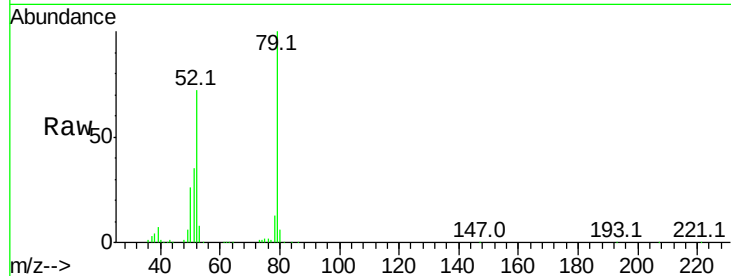
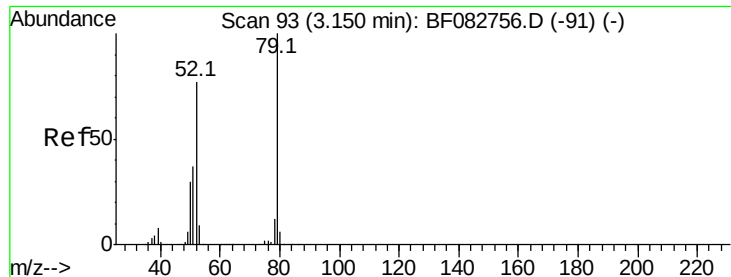
1,4-Dioxane
Concen: 30.12 ng
RT: 2.41 min Scan# 28
Delta R.T. -0.03 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.2	62.0	93.0
43	33.0	26.6	40.0



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





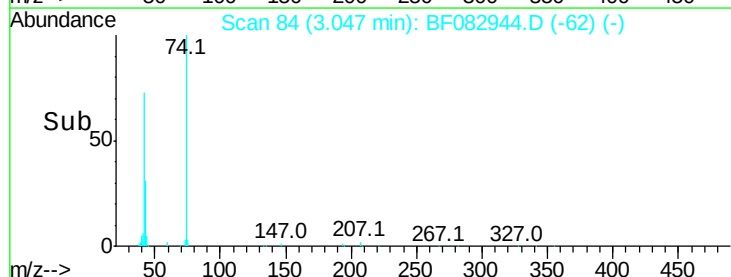
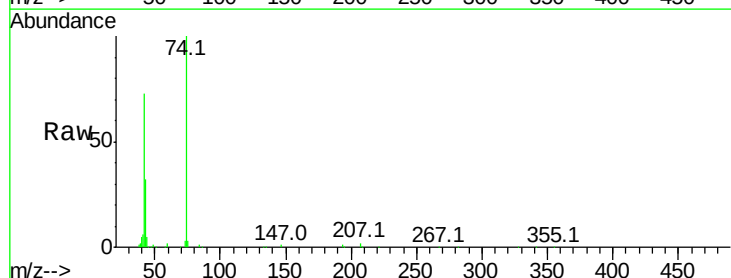
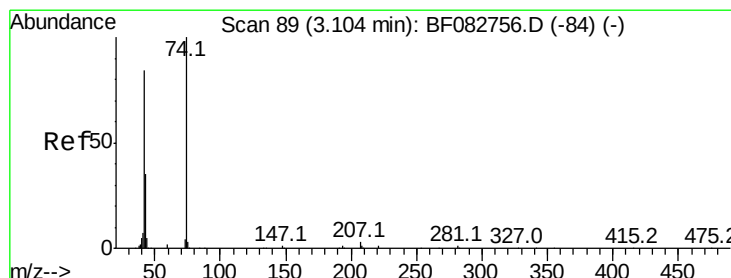
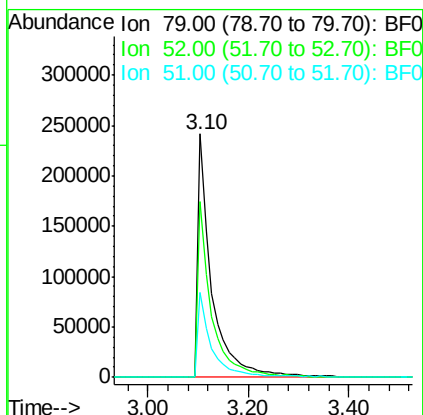
#3
Pvridine
Concen: 29.29 ng
RT: 3.10 min Scan# 89
Delta R.T. -0.06 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Tot Ion	Ratio	Lower	Upper
79	100		
52	72.4	62.8	94.2
51	34.7	32.0	48.0

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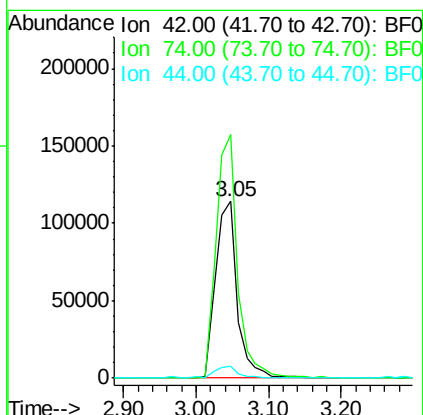
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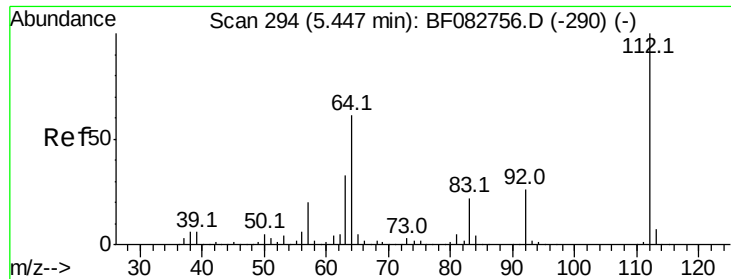
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#4
n-Nitrosodimethylamine
Concen: 29.86 ng
RT: 3.05 min Scan# 84
Delta R.T. -0.05 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Tgt Ion	Ratio	Lower	Upper
42	100		
74	137.8	87.0	130.4#
44	6.8	5.8	8.8





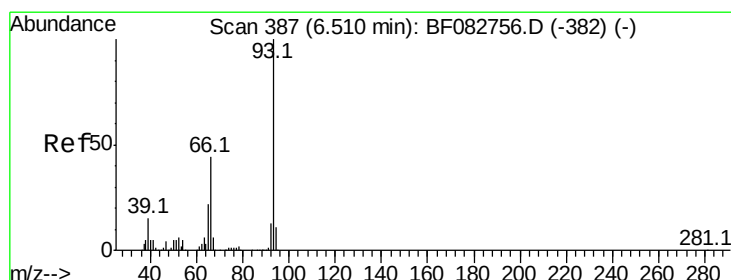
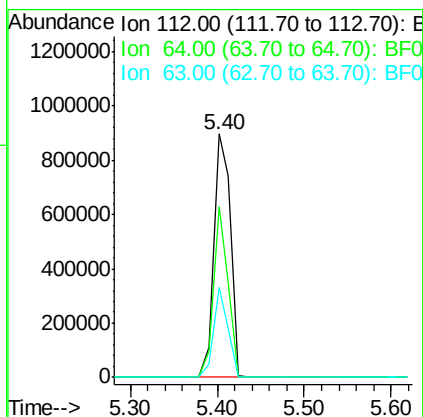
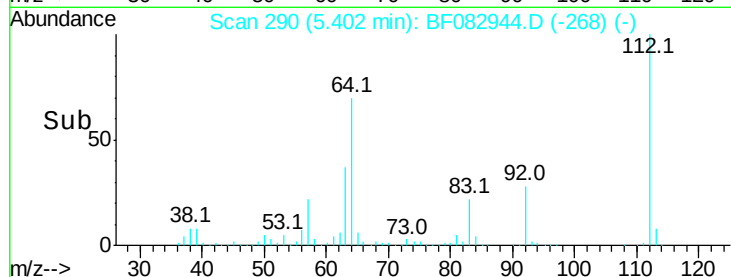
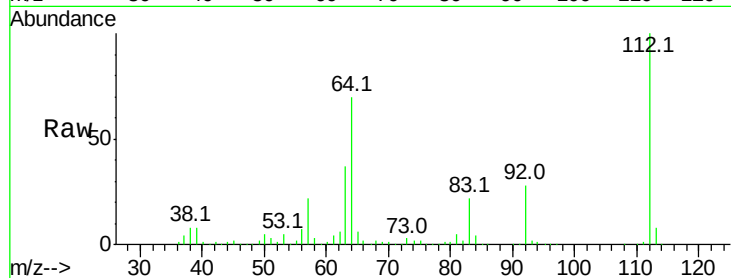
#5
 2-Fluorophenol
 Concen: 95.07 ng
 RT: 5.40 min Scan# 290
 Delta R.T. -0.05 min
 Lab File: BF082944.D
 Acq: 16 Nov 2015 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tot Ion:	112	Resp:	1209913
Ion Ratio	Lower	Upper	
112	100		
64	70.1	48.9	73.3
63	37.0	28.1	42.1

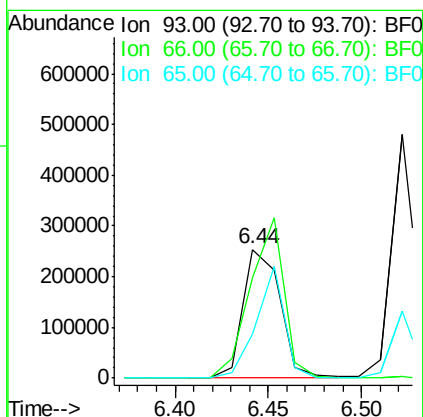
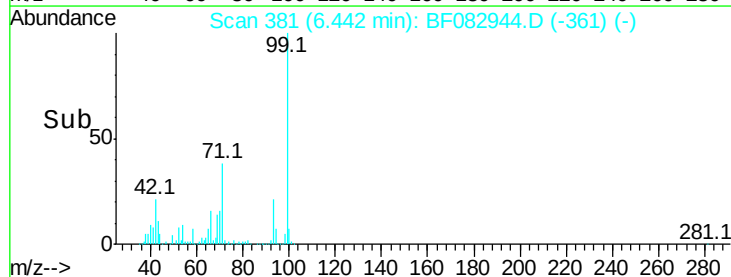
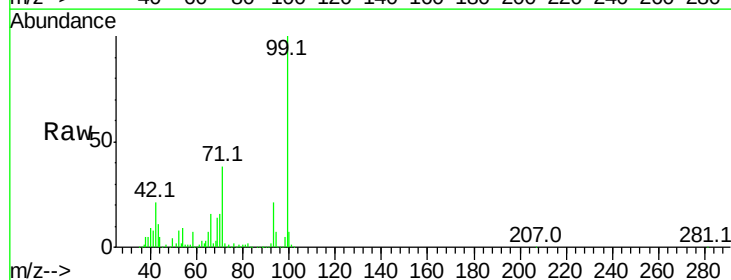
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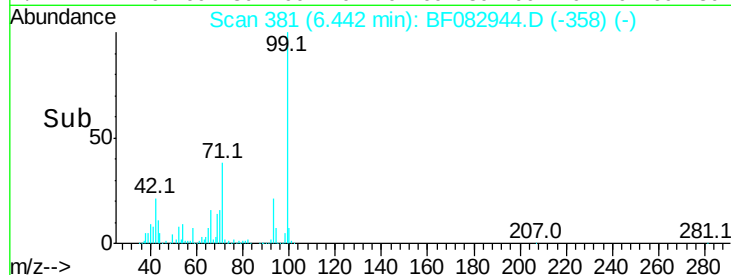
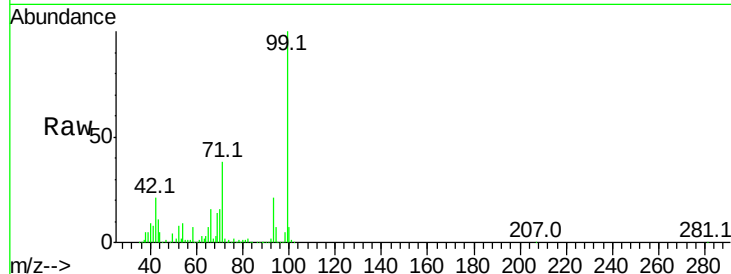
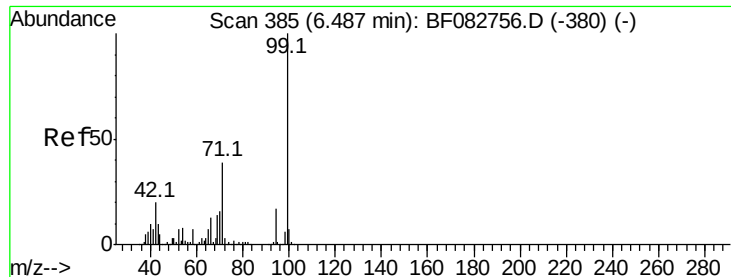
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#6
 Aniline
 Concen: 14.96 ng
 RT: 6.44 min Scan# 381
 Delta R.T. -0.07 min
 Lab File: BF082944.D
 Acq: 16 Nov 2015 18:02

Tgt Ion:	93	Resp:	355292
Ion Ratio	Lower	Upper	
93	100		
66	77.8	33.6	50.4#
65	34.6	18.1	27.1#





#7

Phenol-d6

Concen: 90.16 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.03 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Tot Ion: 99 Resp: 1525375

Ion Ratio Lower Upper

99 100

42 20.5 19.2 28.8

71 37.6 35.0 52.4

Instrument :

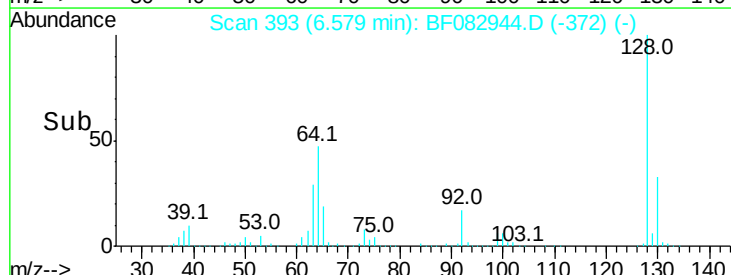
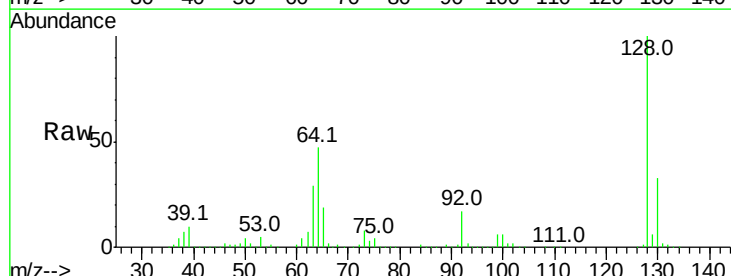
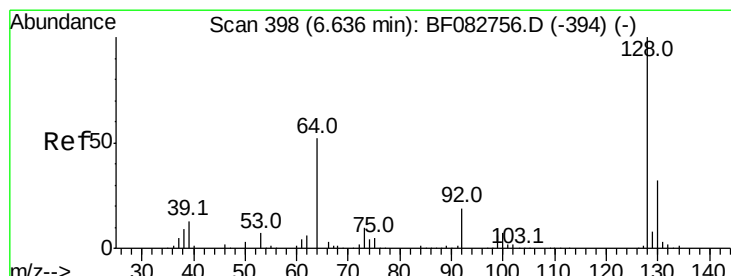
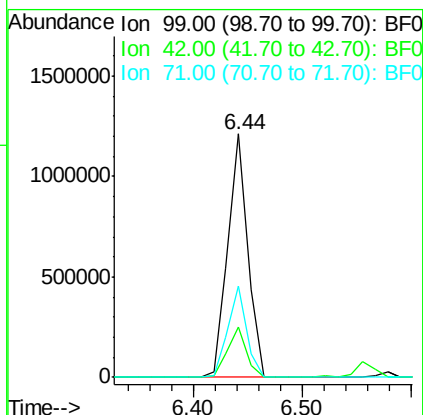
BNA_F

ClientSampleId :

PB86620BSD

Manual Integrations
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#8

2-Chlorophenol

Concen: 32.65 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.06 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

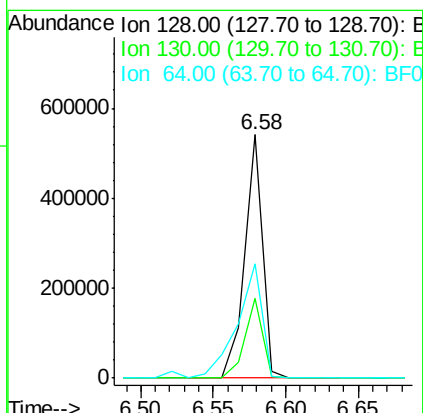
Tgt Ion:128 Resp: 460610

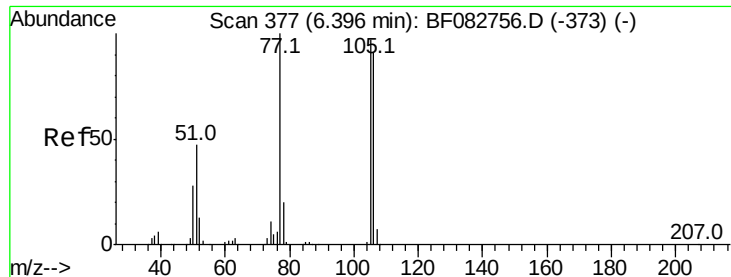
Ion Ratio Lower Upper

128 100

130 32.9 13.5 53.5

64 46.8 21.1 61.1





#9

Benzaldehyde

Concen: 2.50 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.07 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Instrument :

BNA_F

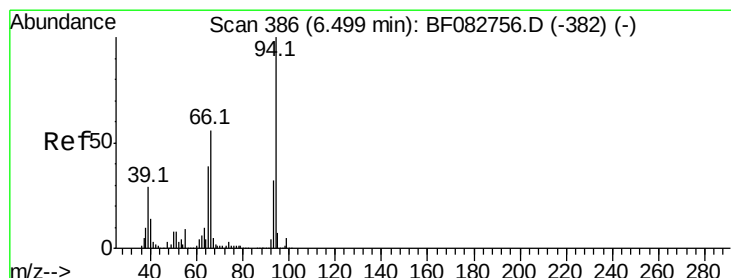
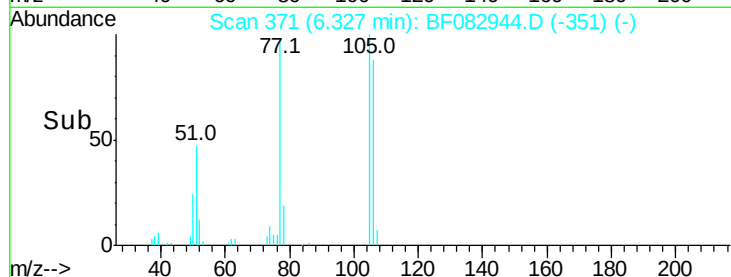
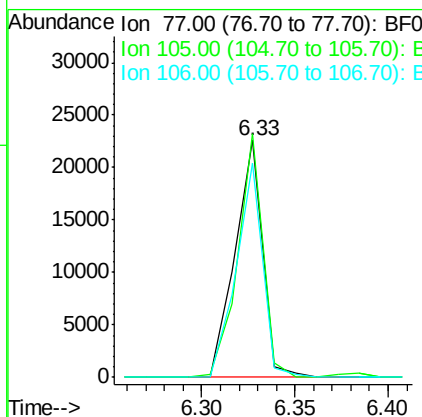
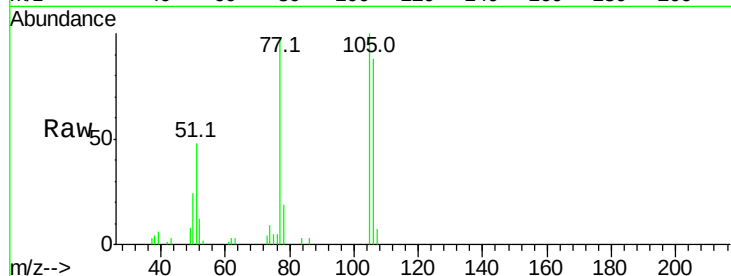
ClientSampleId :

PB86620BSD

Tot Ion:	77	Resp:	23371
Ion	Ratio	Lower	Upper
77	100		
105	102.8	63.5	103.5
106	90.3	59.3	99.3

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#10

Phenol

Concen: 25.95 ng

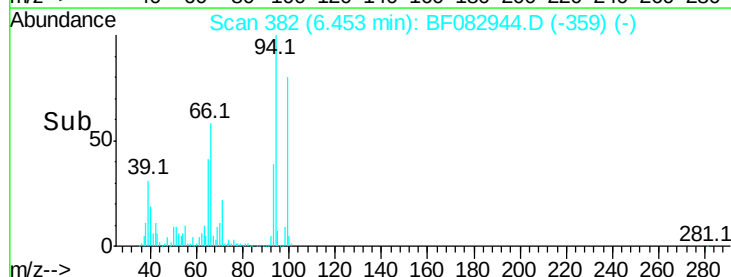
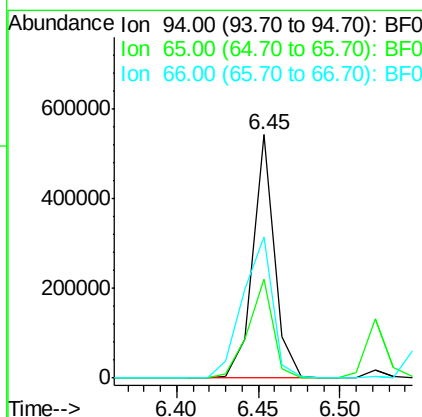
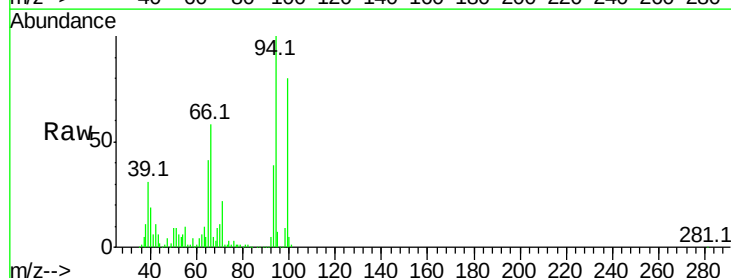
RT: 6.45 min Scan# 382

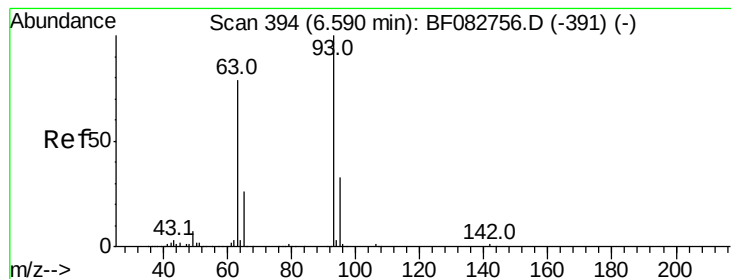
Delta R.T. -0.03 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Tgt Ion:	94	Resp:	498183
Ion	Ratio	Lower	Upper
94	100		
65	40.5	18.9	58.9
66	58.2	34.9	74.9





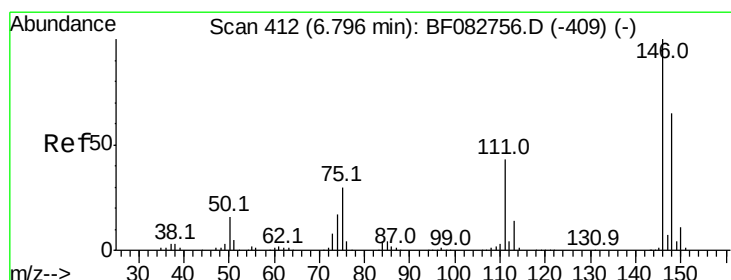
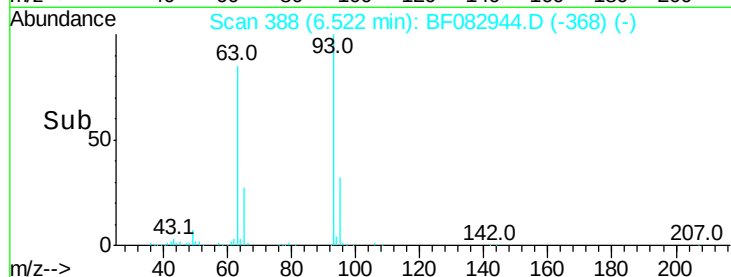
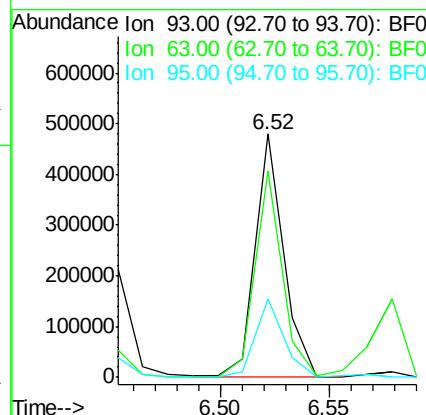
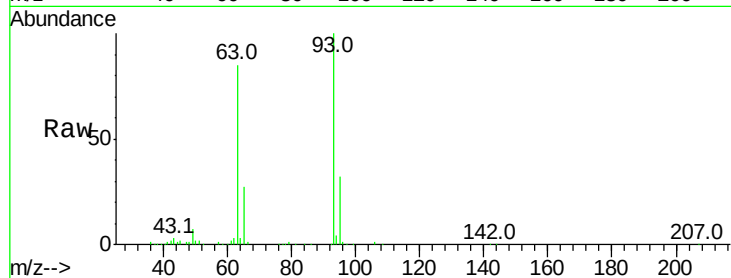
#11
bis(2-Chloroethyl)ether
Concen: 30.04 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.07 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.9	72.7	112.7
95	32.1	12.0	52.0

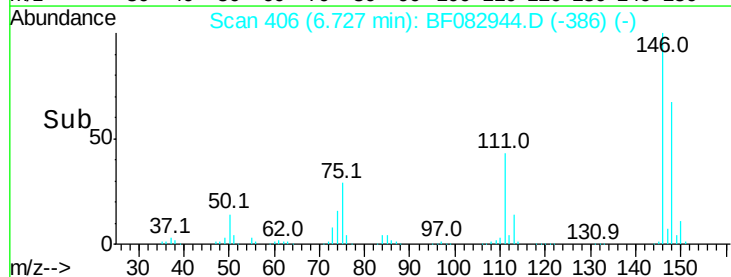
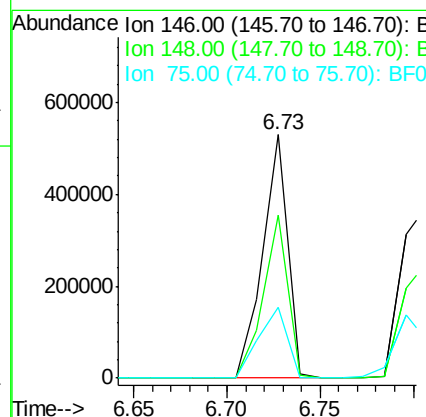
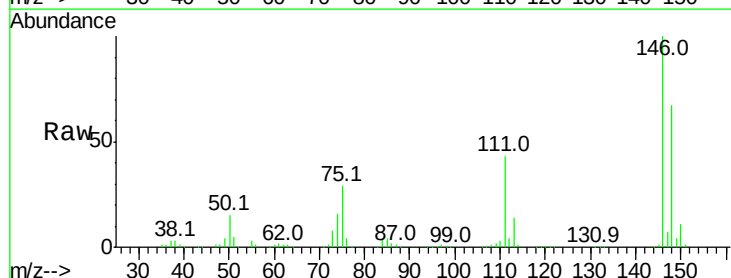
Manual Integrations
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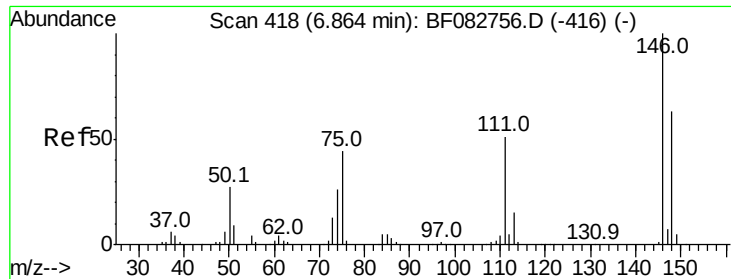
mmdadoda
11/17/2015 5:56:05 PM



#12
1,3-Dichlorobenzene
Concen: 30.69 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.07 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.1	50.5	75.7
75	29.0	39.5	59.3





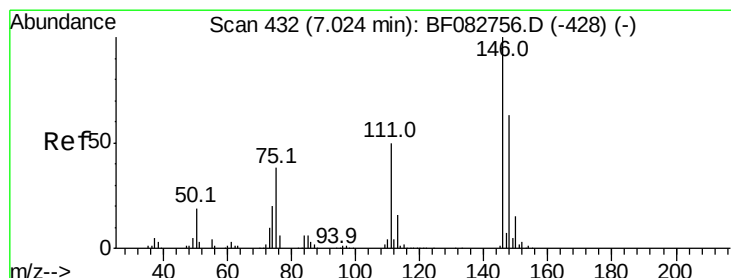
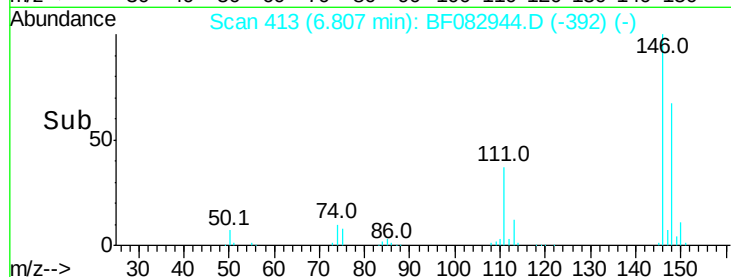
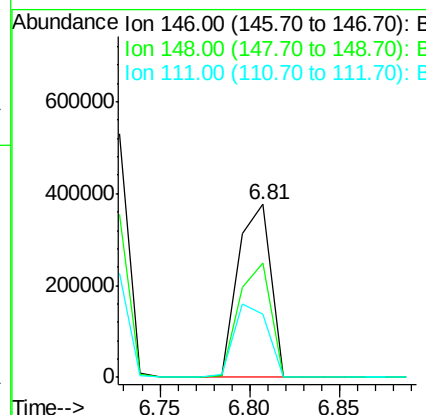
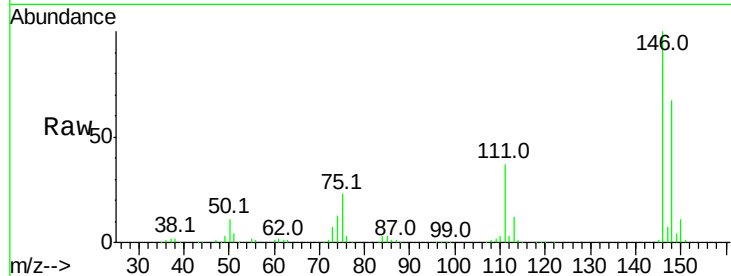
#13
 1,4-Dichlorobenzene
 Concen: 28.75 ng m
 RT: 6.81 min Scan# 413
 Delta R.T. -0.06 min
 Lab File: BF082944.D
 Acq: 16 Nov 2015 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.5	50.8	76.2
111	36.8	40.6	60.8

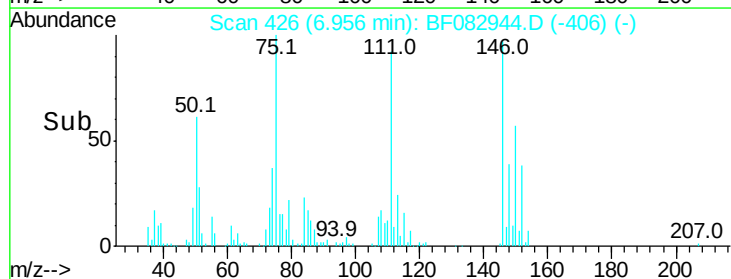
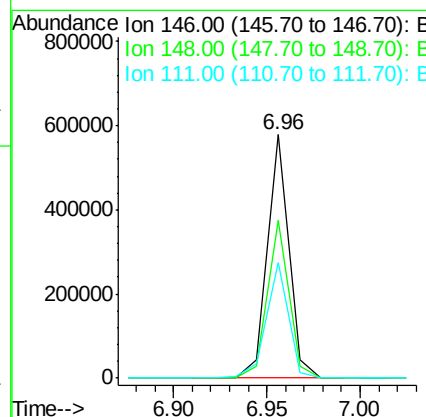
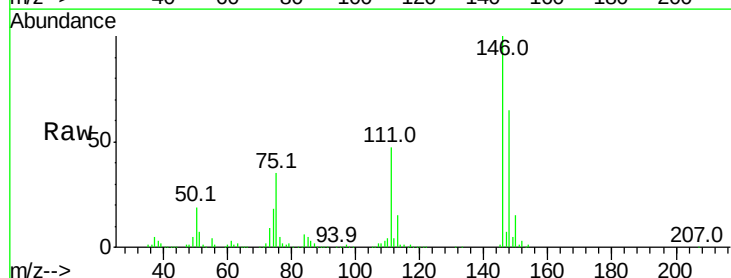
Manual Integrations
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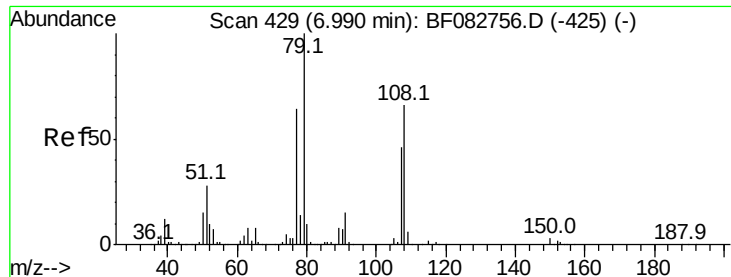
mmdadoda
 11/17/2015 5:56:05 PM



#14
 1,2-Dichlorobenzene
 Concen: 30.27 ng
 RT: 6.96 min Scan# 426
 Delta R.T. -0.07 min
 Lab File: BF082944.D
 Acq: 16 Nov 2015 18:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.4
111	47.2	36.6	55.0





#15

Benzyl Alcohol

Concen: 26.61 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.06 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Instrument :

BNA_F

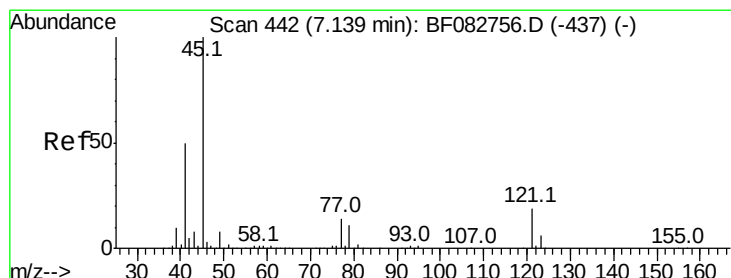
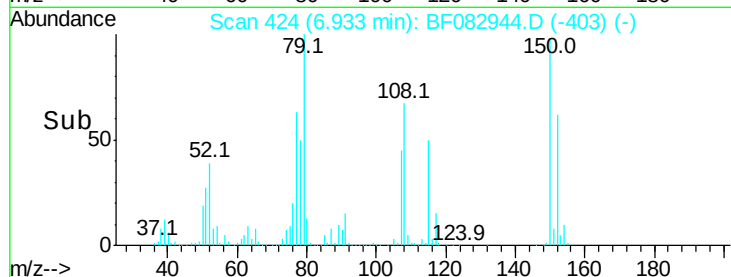
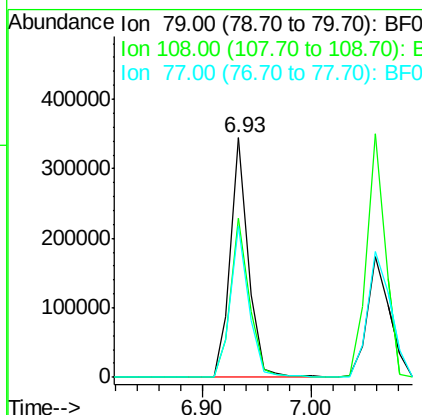
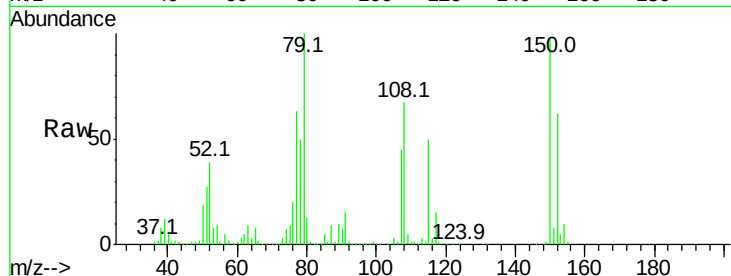
ClientSampleId :

PB86620BSD

Tot Ion:	79	Resp:	395440
Ion Ratio	Lower	Upper	
79	100		
108	66.7	52.2	78.4
77	63.4	52.7	79.1

Manual Integrations
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11/17/2015 5:56:05 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.95 ng

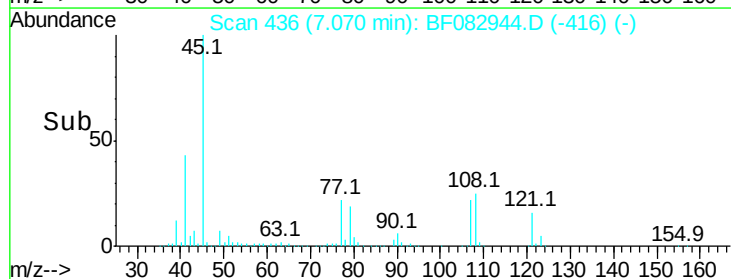
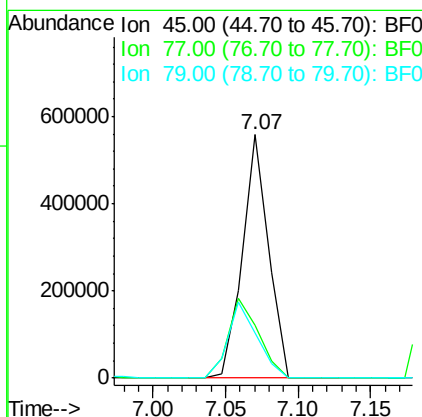
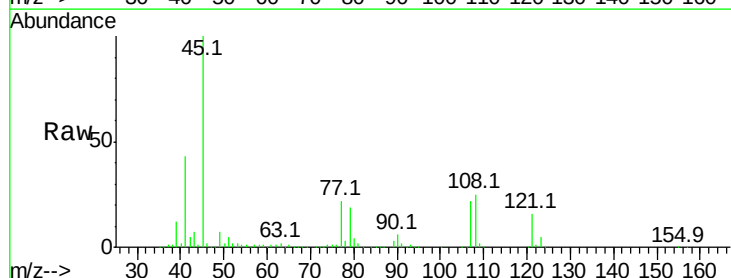
RT: 7.07 min Scan# 436

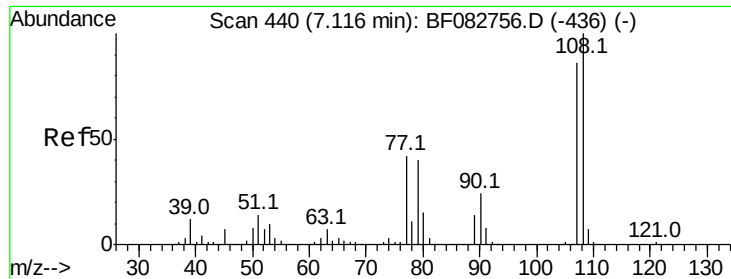
Delta R.T. -0.07 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Tgt Ion:	45	Resp:	693873
Ion Ratio	Lower	Upper	
45	100		
77	21.9	0.0	32.6
79	18.6	0.0	29.2





#17

2-Methylphenol

Concen: 29.62 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Instrument :

BNA_F

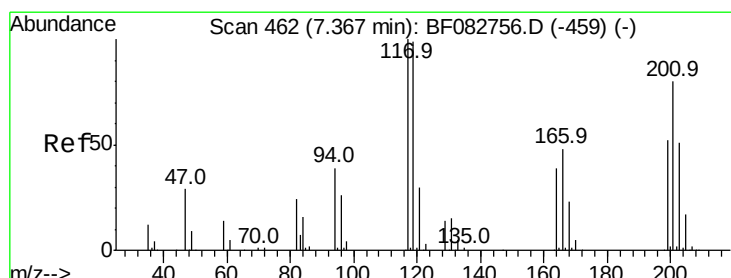
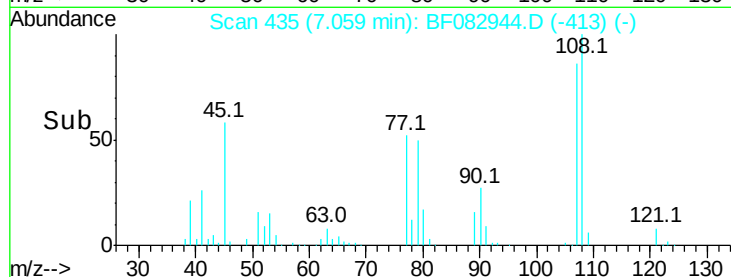
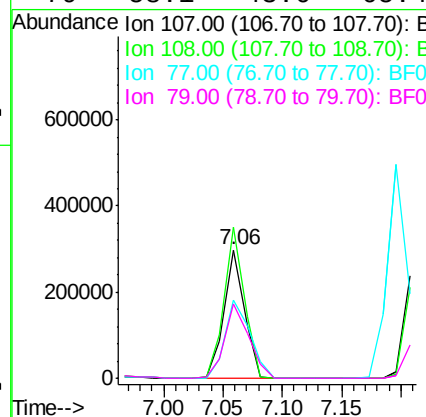
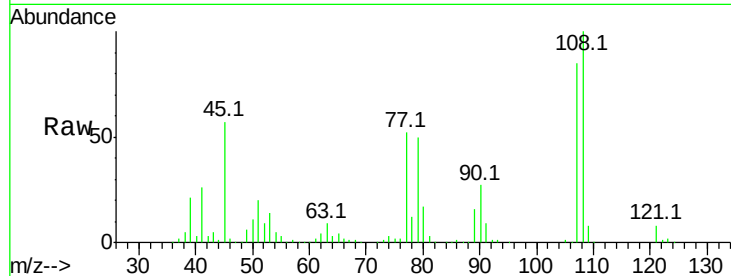
ClientSampleId :

PB86620BSD

Tot Ion:	107	Resp:	354001
Ion Ratio	Lower	Upper	
107	100		
108	117.2	93.0	139.4
77	60.9	44.1	66.1
79	58.1	43.6	65.4

Manual Integrations
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#18

Hexachloroethane

Concen: 29.54 ng

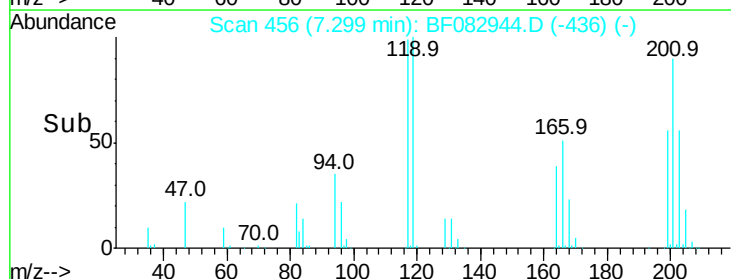
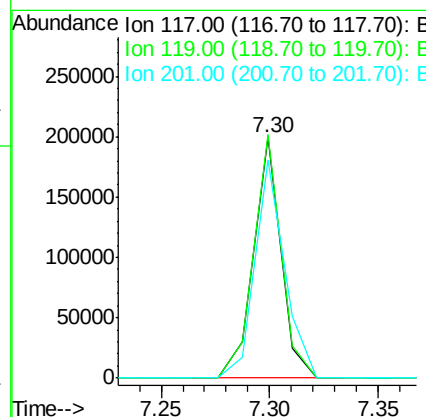
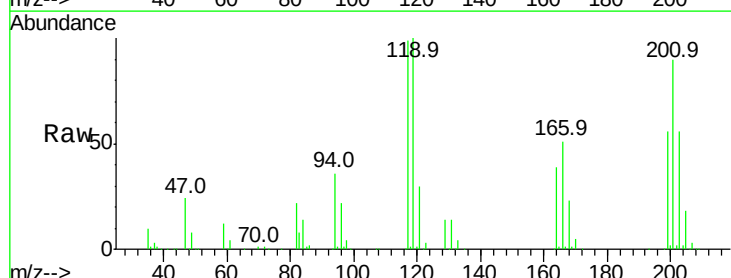
RT: 7.30 min Scan# 456

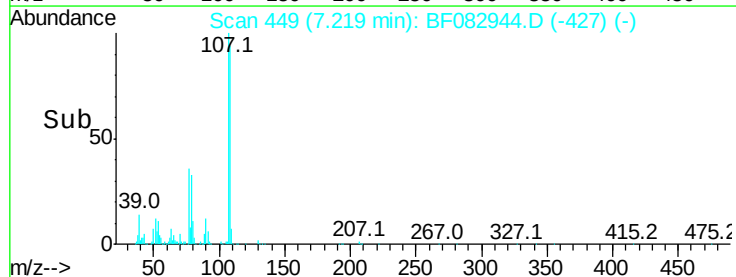
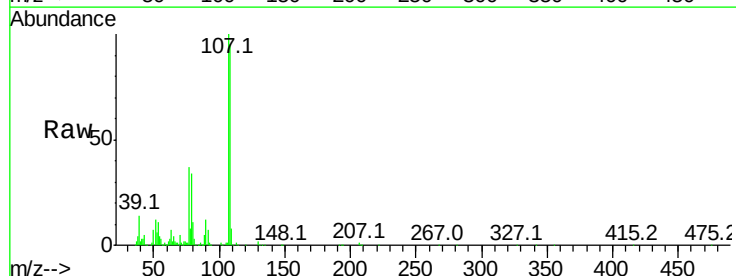
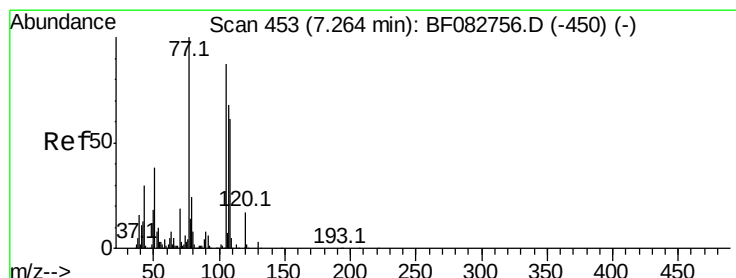
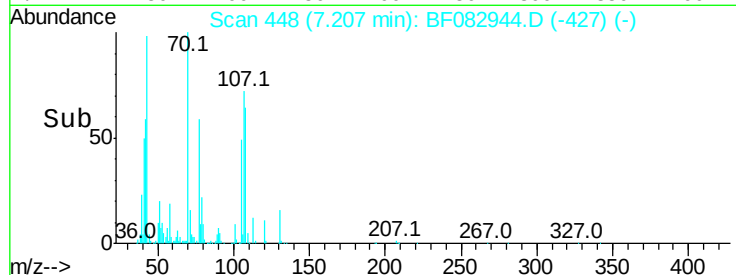
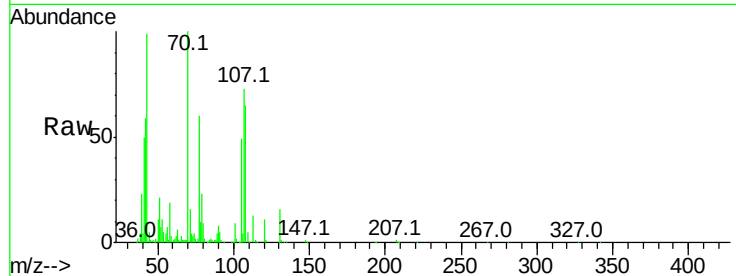
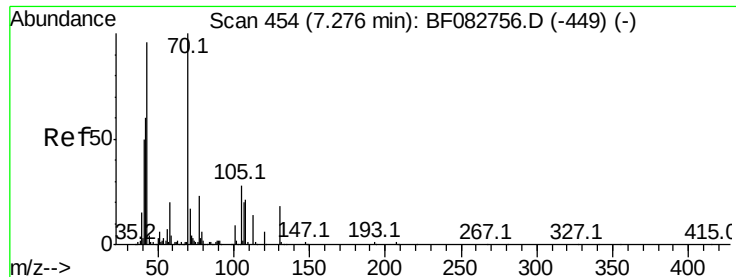
Delta R.T. -0.07 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

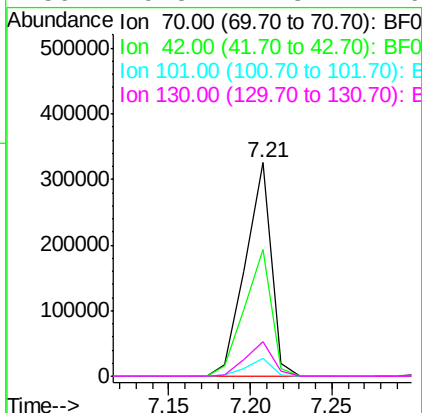
Tgt Ion:	117	Resp:	174915
Ion Ratio	Lower	Upper	
117	100		
119	101.0	77.7	116.5
201	90.4	66.7	100.1





#19
n-Nitroso-di-n-propylamine
Concen: 28.89 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.06 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		359297		
42	59.3	57.7	86.5		
101	8.6	7.0	10.6		
130	16.3	11.8	17.6		



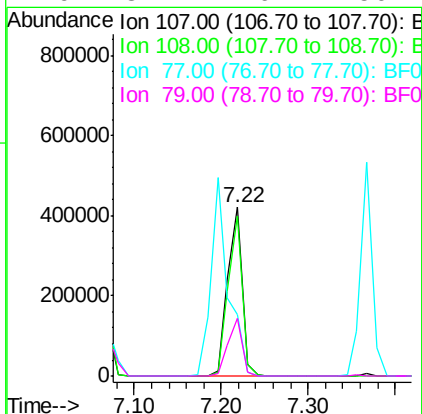
Instrument :
BNA_F
ClientSampleId :
PB86620BSD

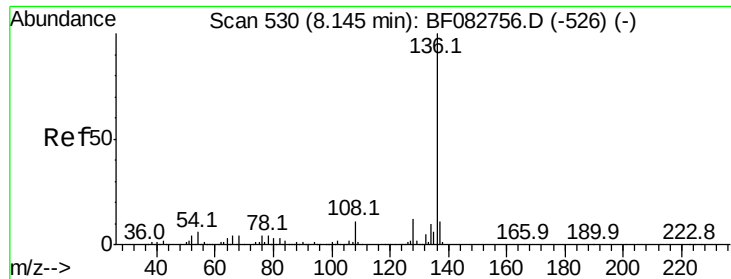
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#20
3+4-Methylphenols
Concen: 31.29 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		486050		
108	94.6	67.3	107.3		
77	36.6	100.3	140.3		
79	34.2	16.2	56.2		





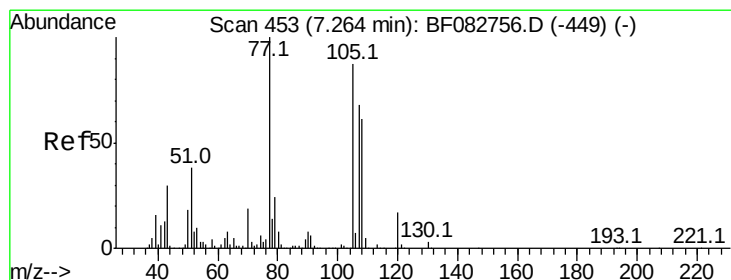
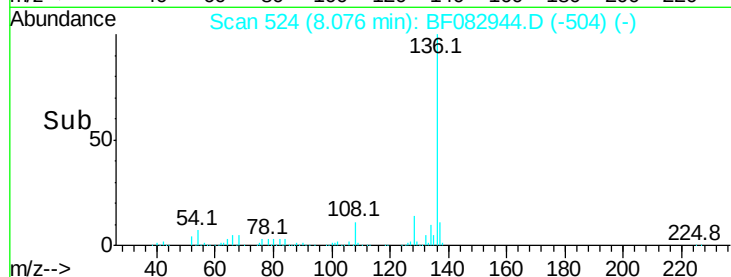
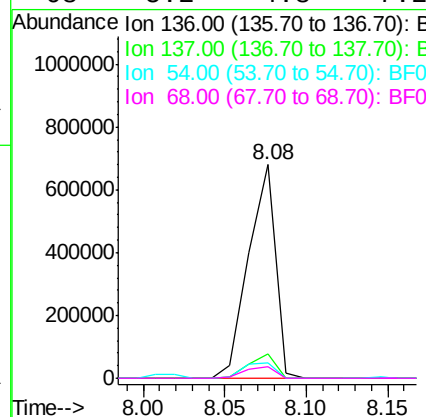
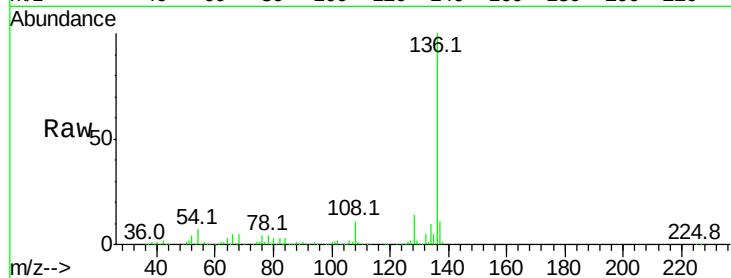
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.07 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	779228		
137	11.1		9.1	13.7
54	7.3		9.1	13.7#
68	5.2		4.8	7.2

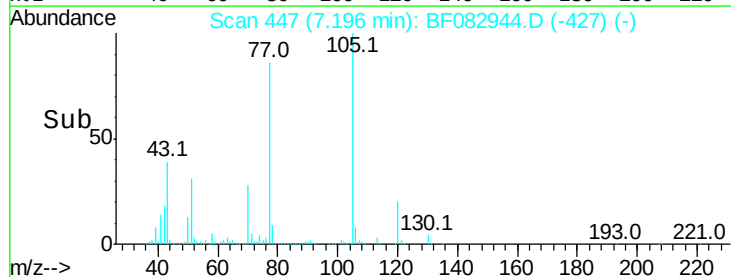
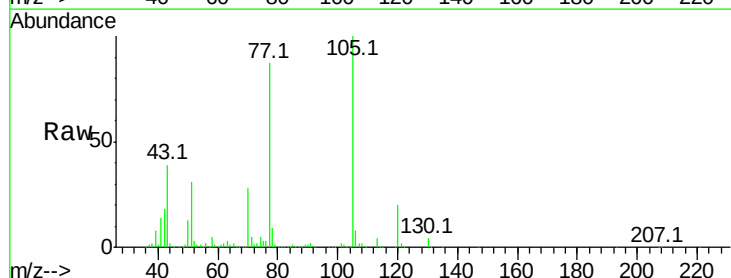
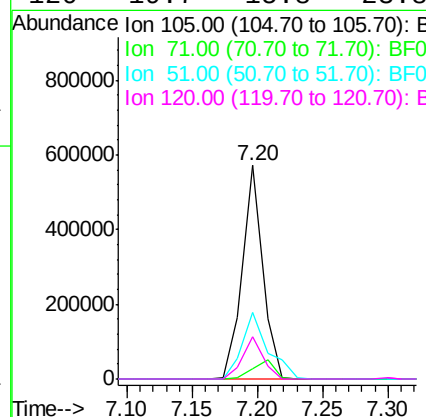
Manual Integrations
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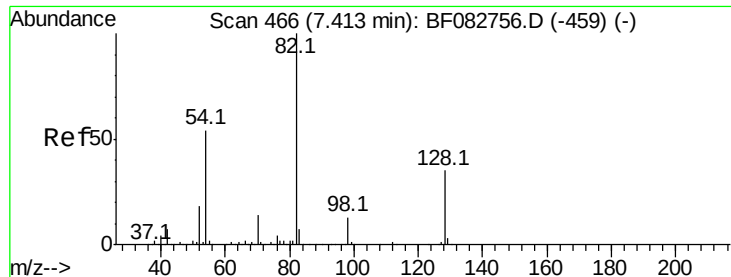
mmdadoda
11/17/2015 5:56:05 PM



#22
Acetophenone
Concen: 27.82 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.07 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	621165		
71	4.8		5.6	8.4#
51	30.9		24.9	37.3
120	19.7		15.8	23.8





#23

Nitrobenzene-d5

Concen: 65.26 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.06 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Instrument :

BNA_F

ClientSampled :

PB86620BSD

Tot Ion: 82 Resp: 1168735

Ion Ratio Lower Upper

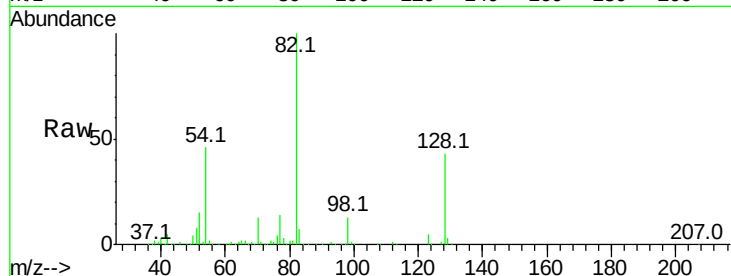
82 100

128 43.4 26.8 40.2#

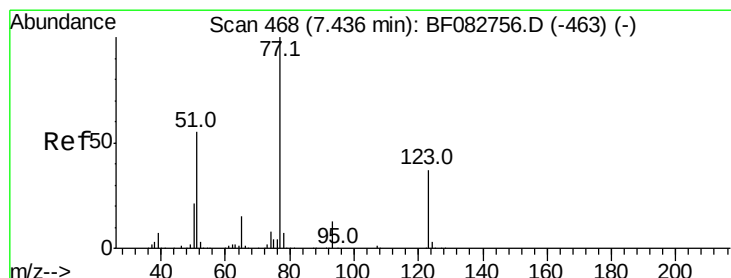
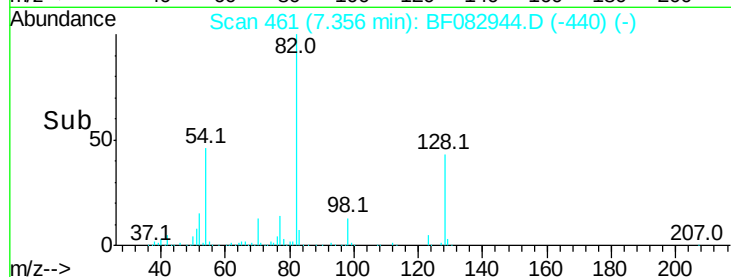
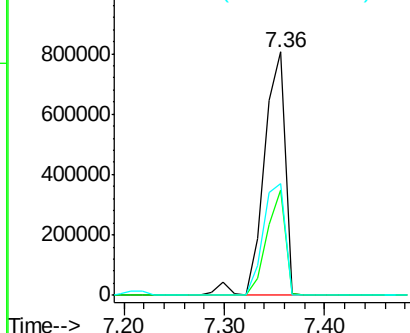
54 45.9 45.7 68.5

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



#24

Nitrobenzene

Concen: 26.98 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.07 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

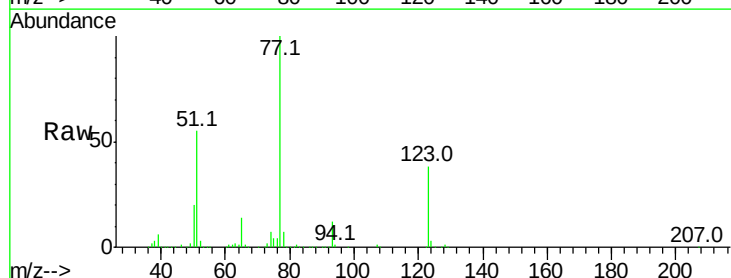
Tgt Ion: 77 Resp: 494152

Ion Ratio Lower Upper

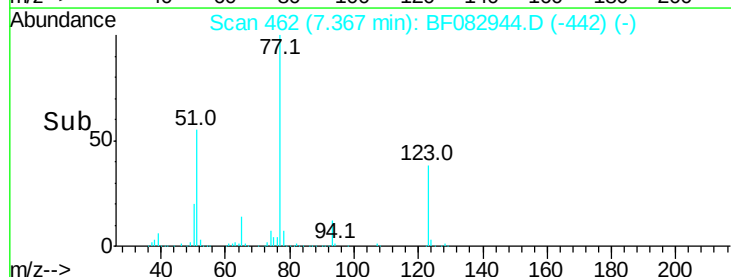
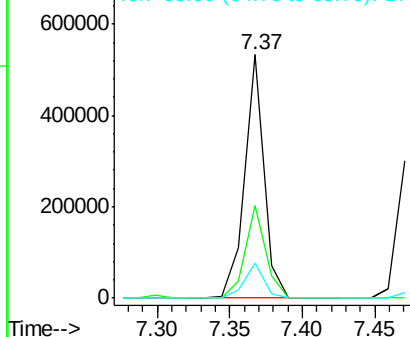
77 100

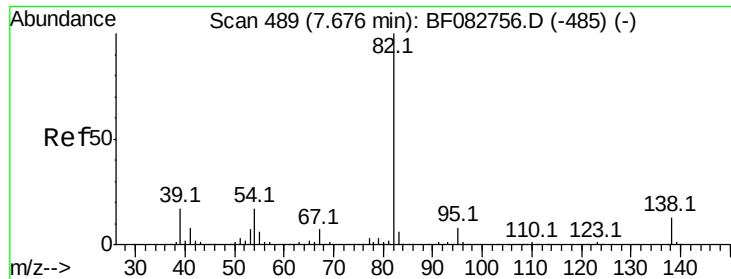
123 37.9 36.4 54.6

65 14.2 11.5 17.3



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





#25

Isophorone

Concen: 29.11 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.06 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Instrument :

BNA_F

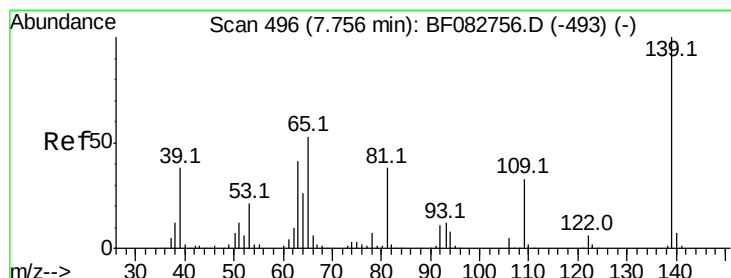
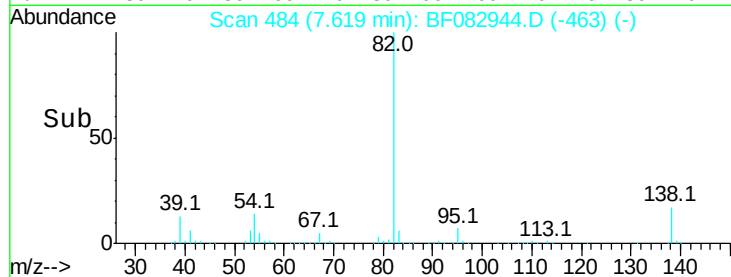
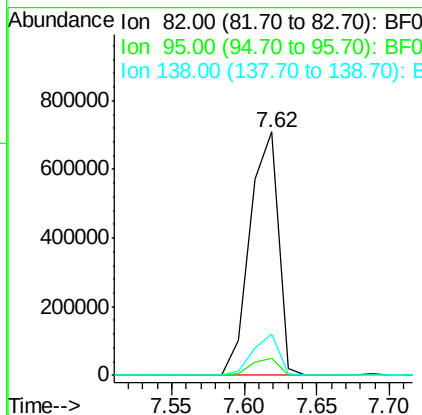
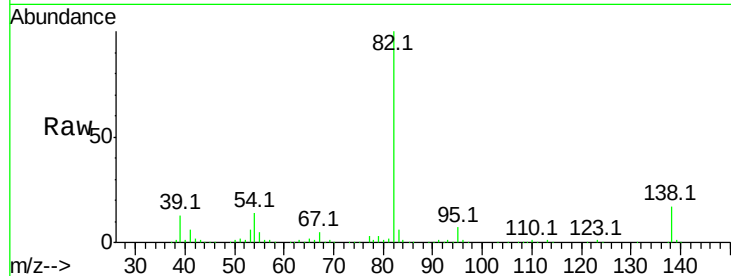
ClientSampleId :

PB86620BSD

Tot Ion:	82	Resp:	964638
Ion Ratio	Lower	Upper	
82	100		
95	7.0	6.6	9.8
138	16.8	11.4	17.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 29.55 ng

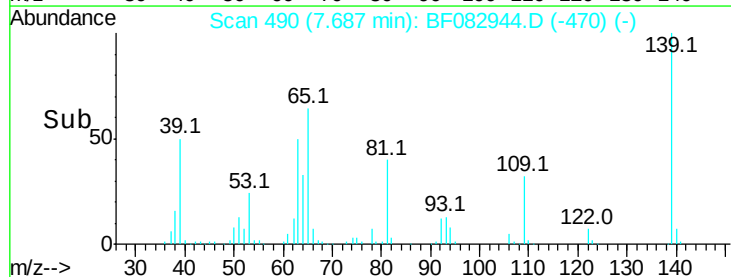
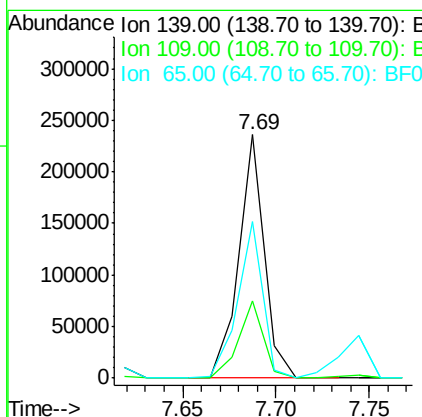
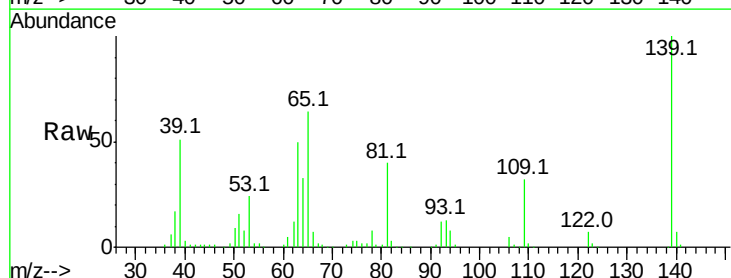
RT: 7.69 min Scan# 490

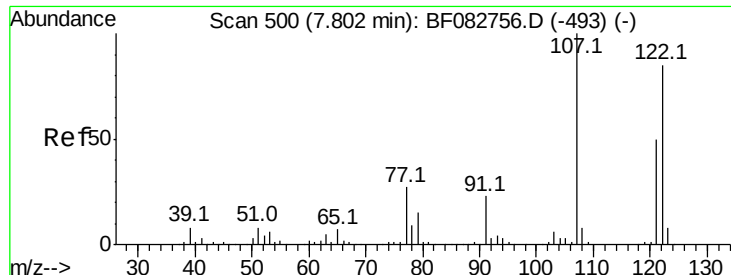
Delta R.T. -0.07 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Tgt Ion:	139	Resp:	225911
Ion Ratio	Lower	Upper	
139	100		
109	31.6	37.6	56.4#
65	64.3	70.6	105.8#





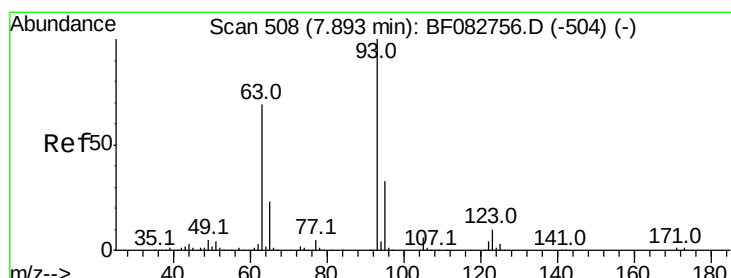
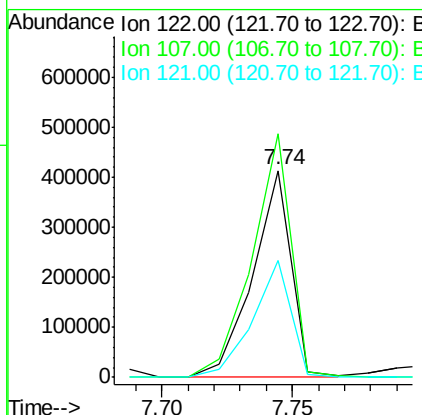
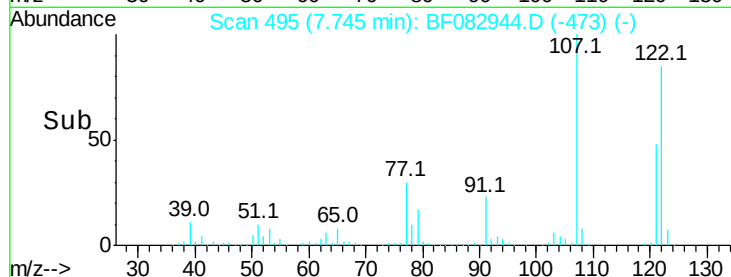
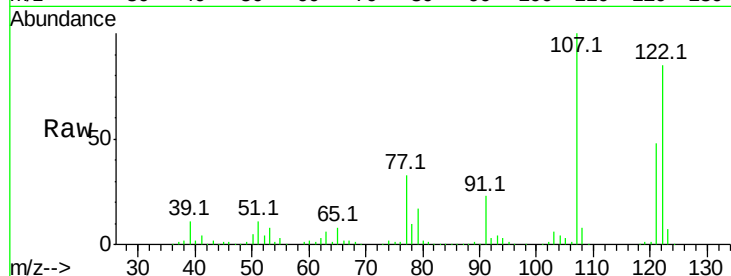
#27
 2,4-Dimethylphenol
 Concen: 31.25 ng
 RT: 7.74 min Scan# 495
 Delta R.T. -0.05 min
 Lab File: BF082944.D
 Acq: 16 Nov 2015 18:02

Instrument :
 BNA_F
 ClientSampleId :
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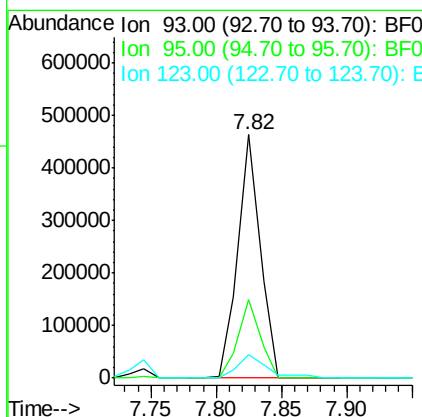
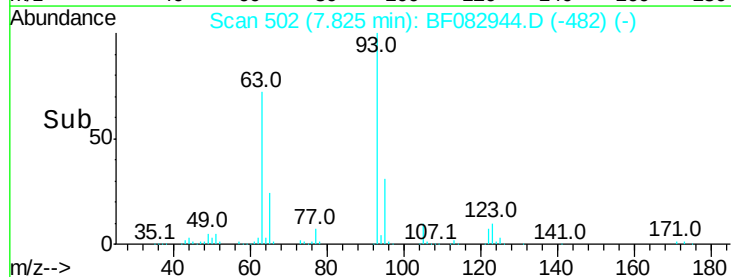
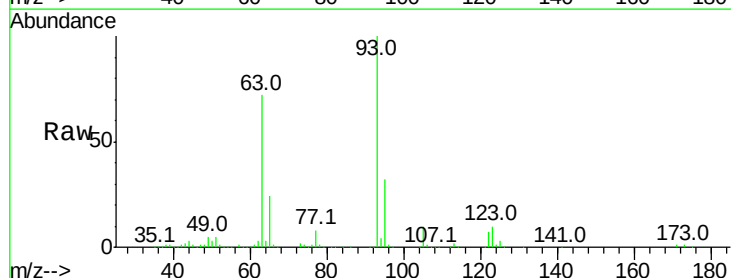
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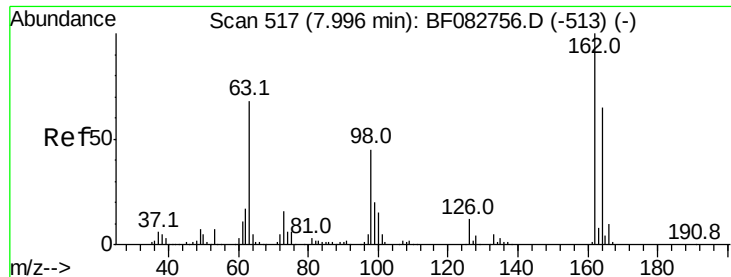
Tot Ion	Ratio	Resp	Lower	Upper
122	100	429270		
107	117.7	106.0	159.0	
121	56.7	46.7	70.1	



#28
 bis(2-Chloroethoxy)methane
 Concen: 29.59 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.07 min
 Lab File: BF082944.D
 Acq: 16 Nov 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	552987		
95	32.4	26.6	40.0	
123	9.7	9.7	14.5	





#29

2,4-Dichlorophenol

Concen: 31.21 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.06 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Instrument :

BNA_F

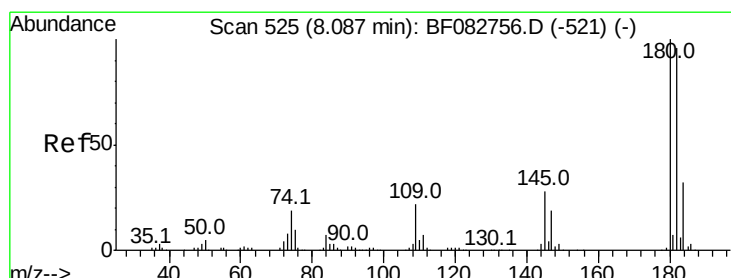
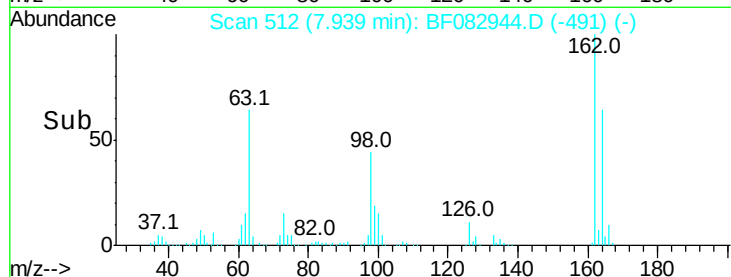
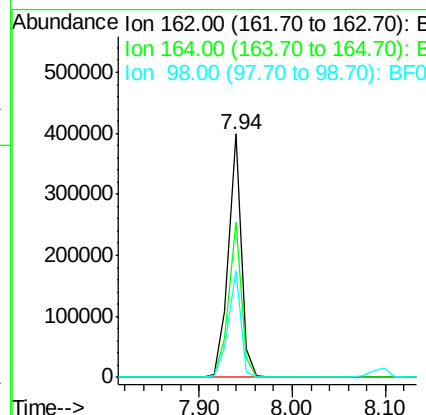
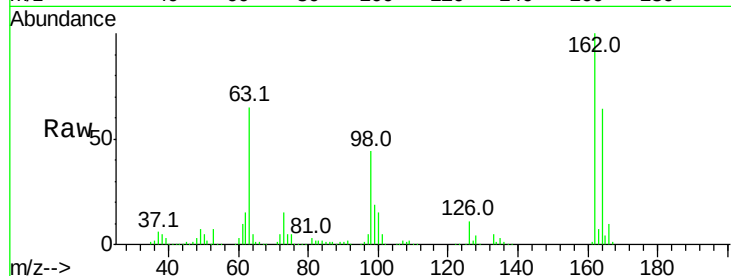
ClientSampleID :

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Tot Ion:	162	Resp:	387451
Ion Ratio	Lower	Upper	
162	100		
164	63.7	46.8	86.8
98	44.1	12.5	52.5

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#30

1,2,4-Trichlorobenzene

Concen: 30.10 ng

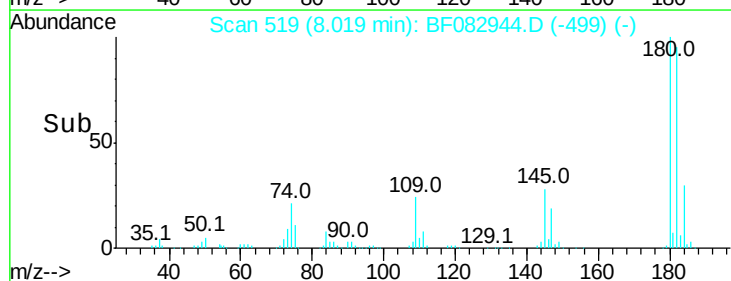
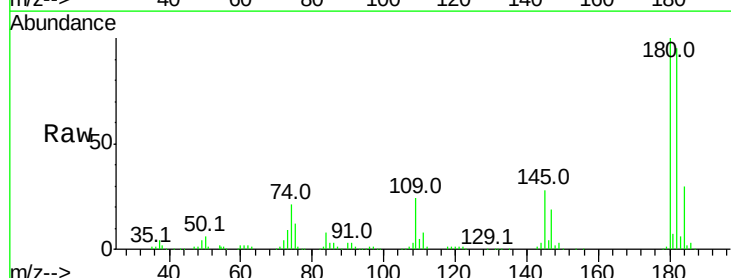
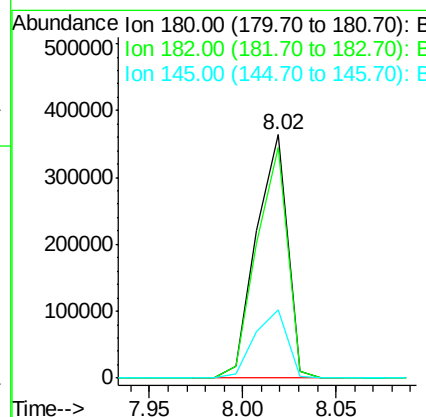
RT: 8.02 min Scan# 519

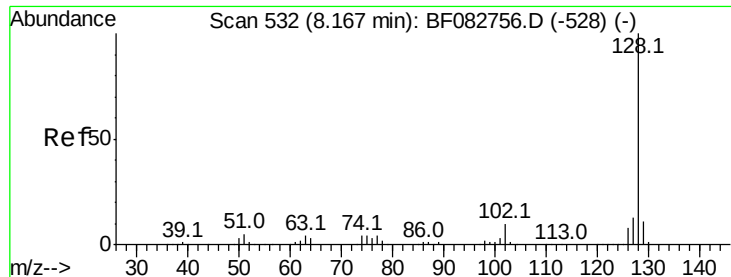
Delta R.T. -0.07 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Tgt Ion:	180	Resp:	420145
Ion Ratio	Lower	Upper	
180	100		
182	94.9	74.9	112.3
145	28.1	27.8	41.8





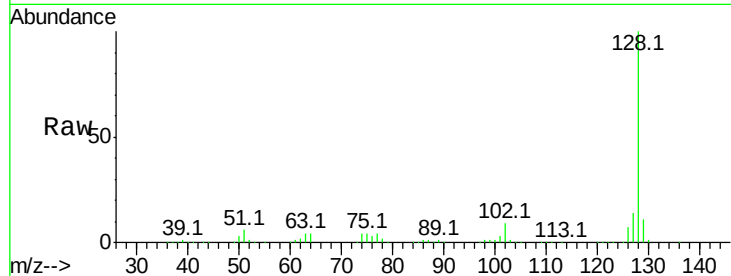
#31
Naphthalene
Concen: 29.16 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.06 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Instrument :
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ClientSampleId :
PB86620BSD

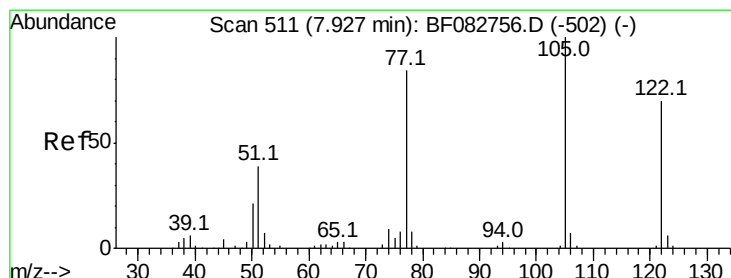
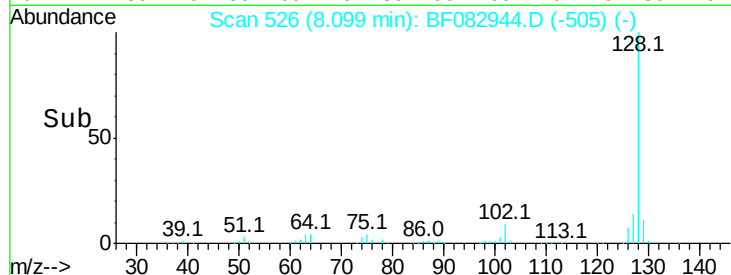
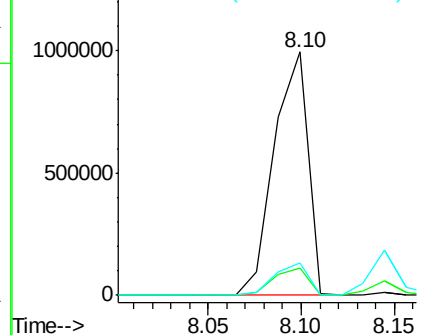
Tot Ion:128 Resp: 1253826
Ion Ratio Lower Upper
128 100
129 11.2 9.5 14.3
127 13.6 11.4 17.0

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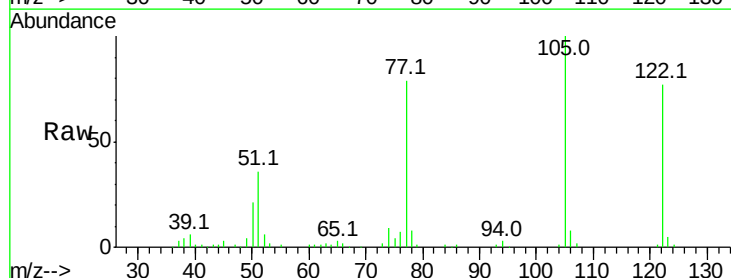


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

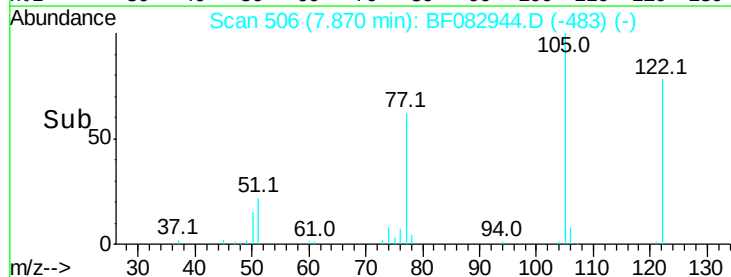
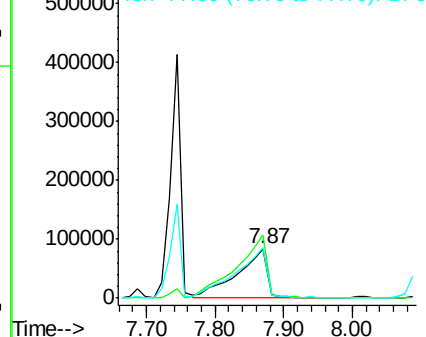


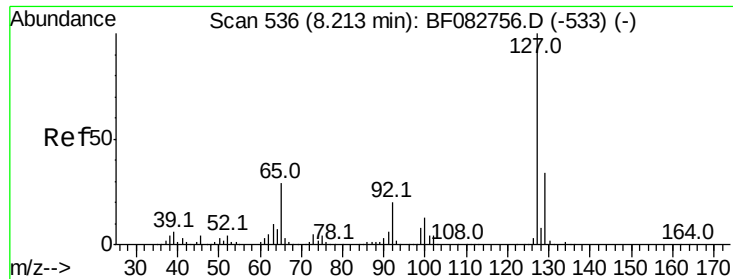
#32
Benzoic acid
Concen: 26.91 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.03 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Tgt Ion:122 Resp: 253081
Ion Ratio Lower Upper
122 100
105 129.1 122.6 162.6
77 101.8 100.9 140.9



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





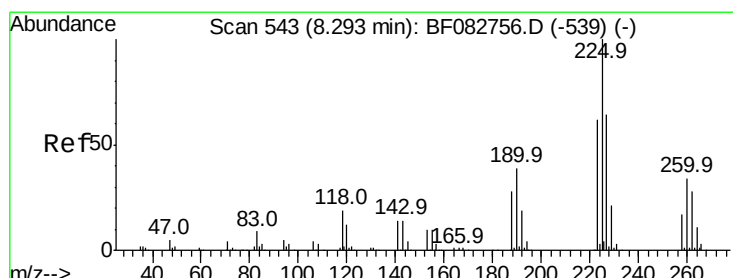
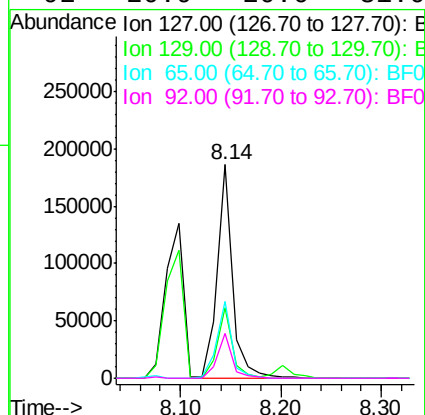
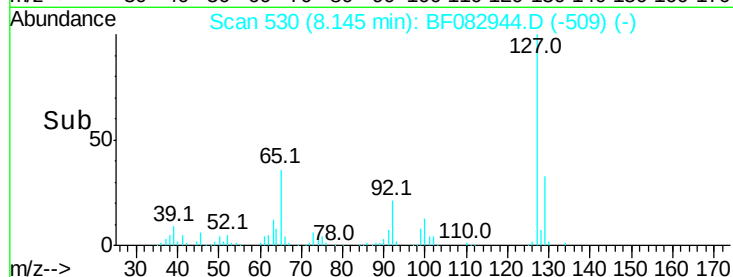
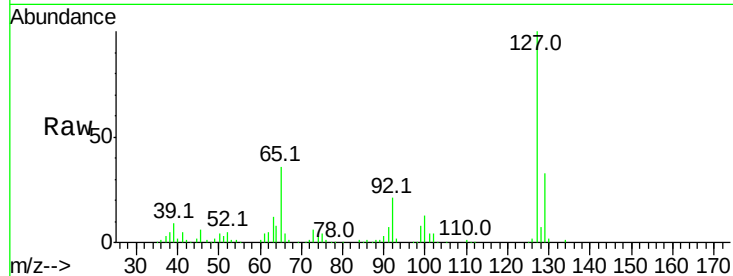
#33
4-Chloroaniline
Concen: 10.74 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.06 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	26.3	39.5	
65	35.7	37.8	56.8	
92	20.9	20.6	31.0	

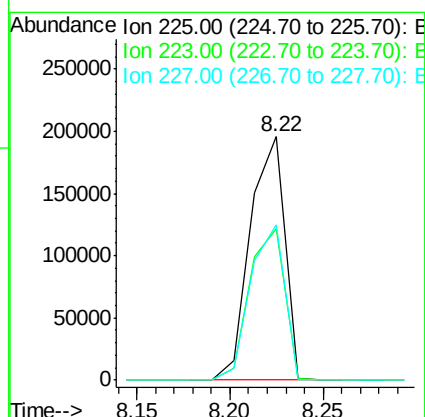
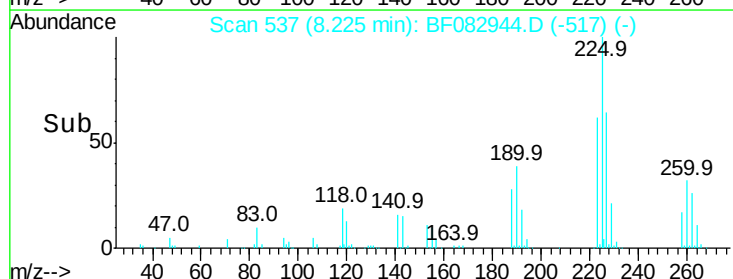
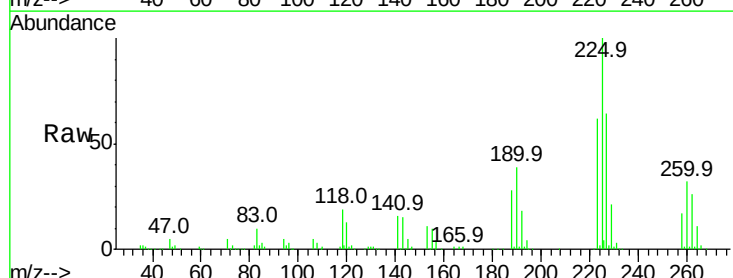
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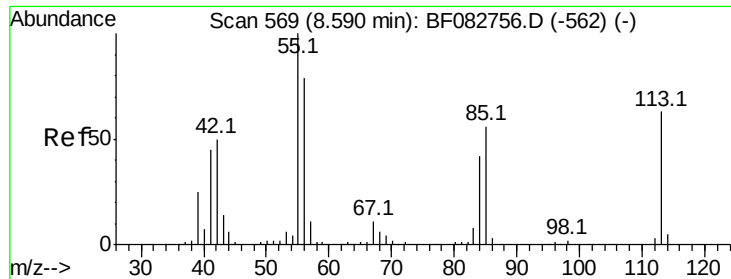
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#34
Hexachlorobutadiene
Concen: 28.47 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.07 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	50.5	75.7	
227	64.0	50.2	75.2	





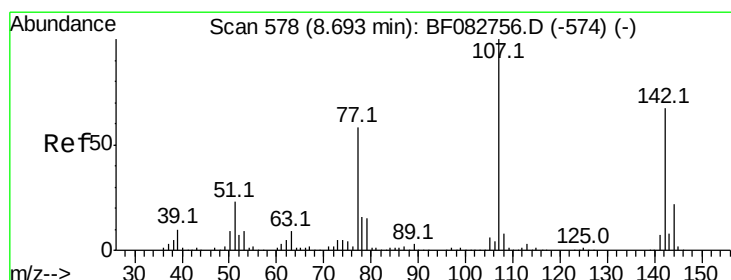
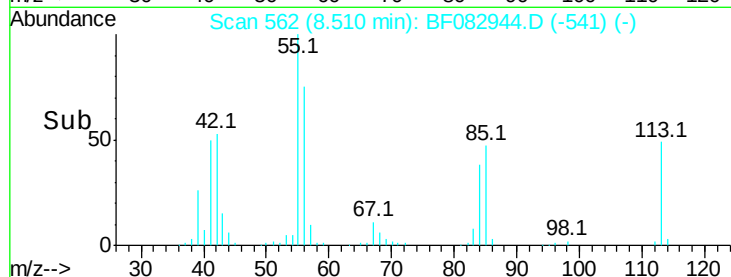
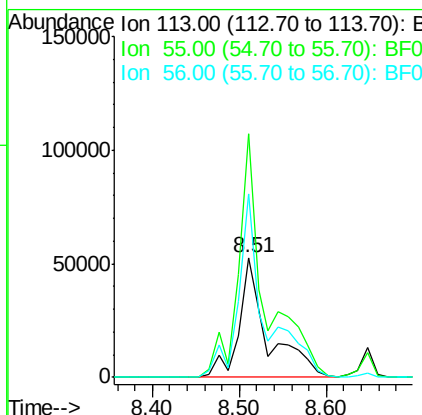
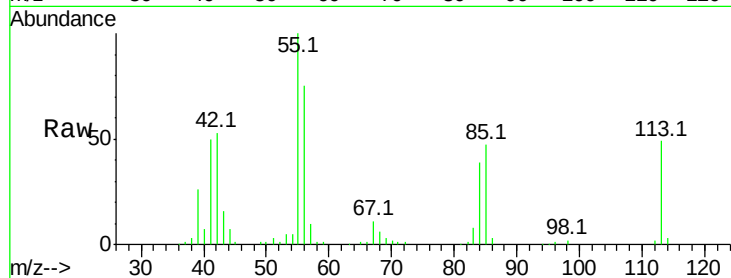
#35
Caprolactam
Concen: 30.66 ng
RT: 8.51 min Scan# 562
Delta R.T. -0.06 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	203.6	195.5	235.5	
56	153.4	153.5	193.5	

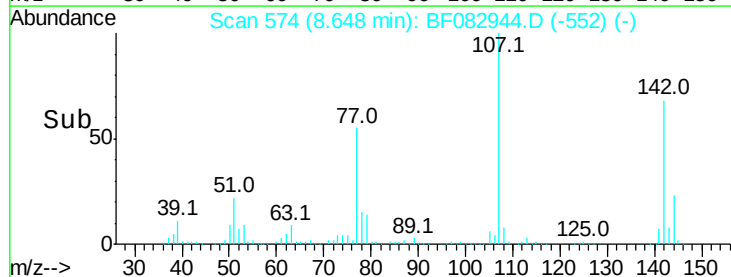
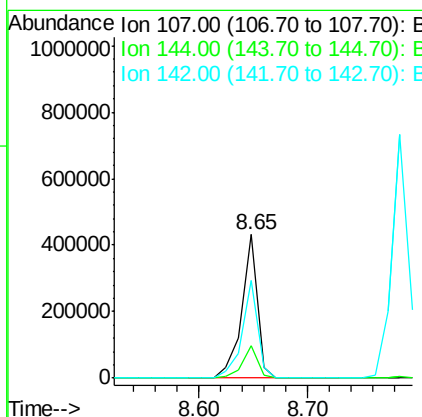
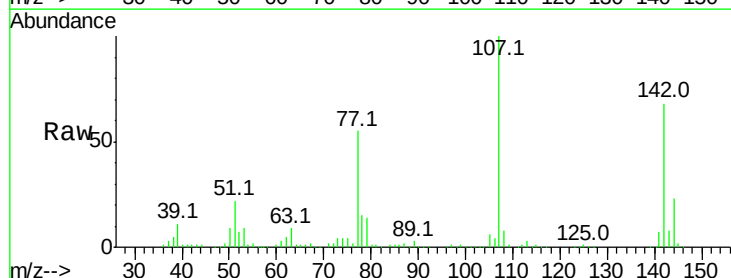
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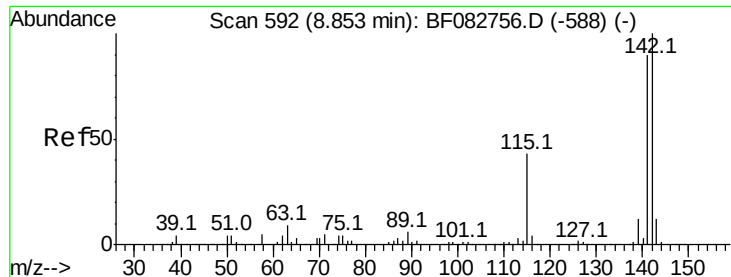
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#36
4-Chloro-3-methylphenol
Concen: 29.06 ng
RT: 8.65 min Scan# 574
Delta R.T. -0.05 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	22.7	15.4	23.0	
142	67.9	47.8	71.8	





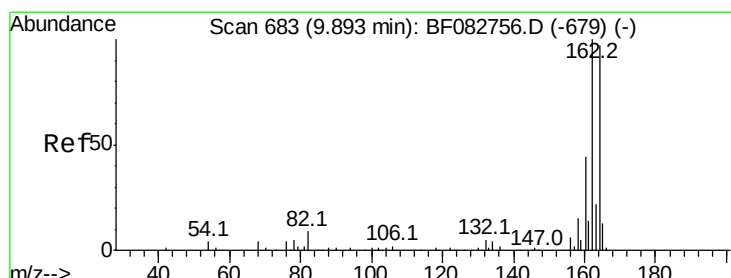
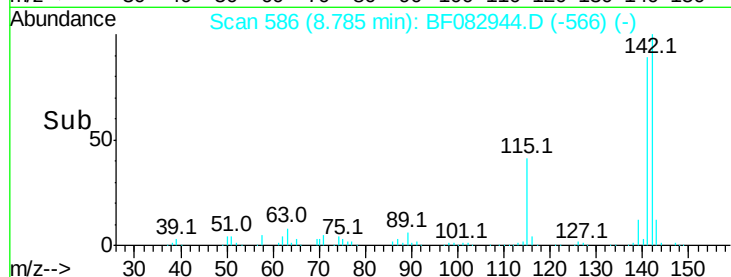
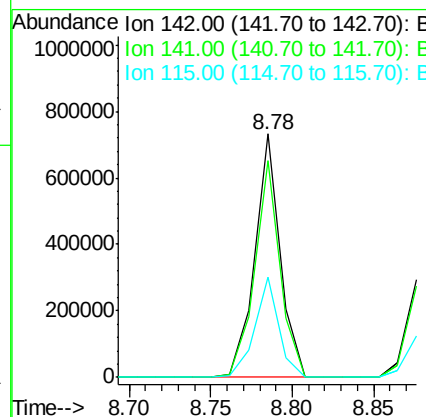
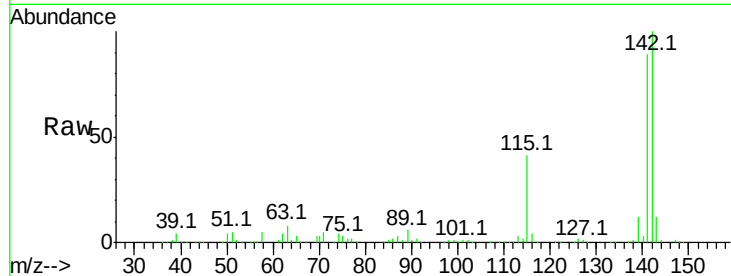
#37
2-Methylnaphthalene
Concen: 28.30 ng
RT: 8.78 min Scan# 586
Delta R.T. -0.07 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.3	108.5
115	41.0	38.1	57.1

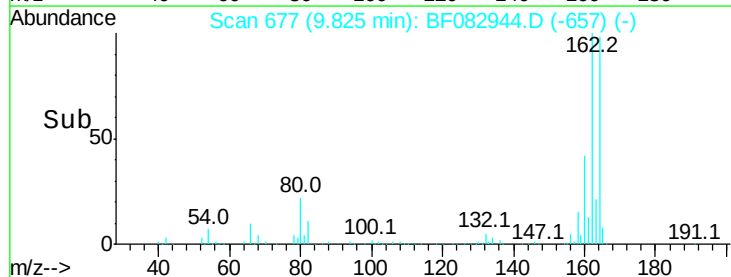
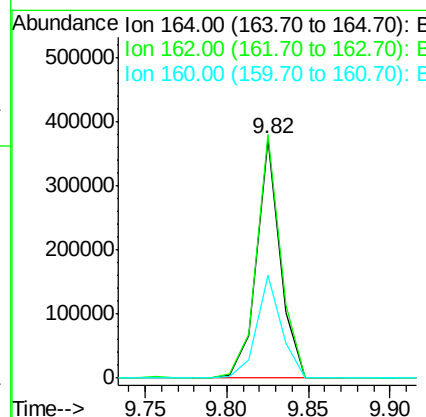
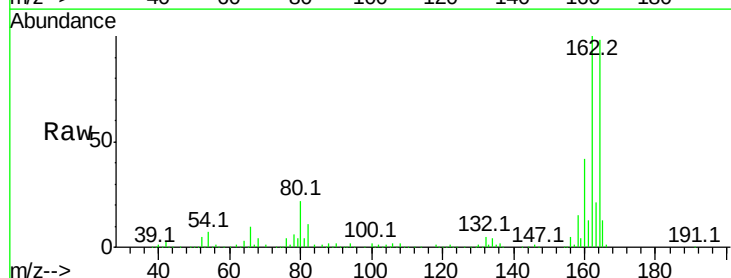
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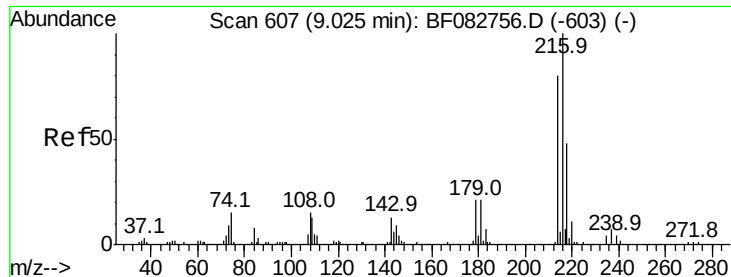
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.07 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	84.9	127.3
160	43.3	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.58 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.07 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Instrument :

BNA_F

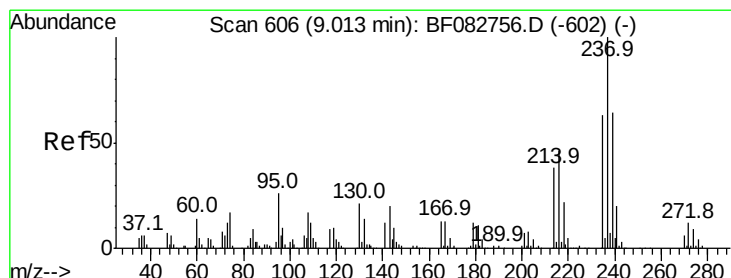
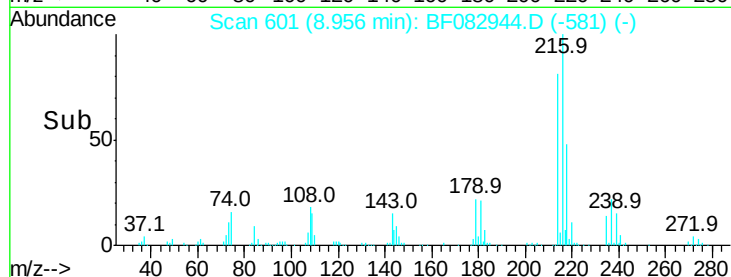
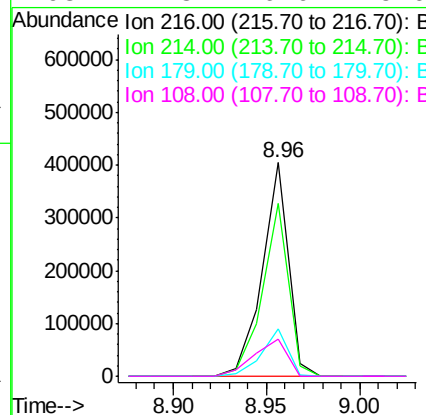
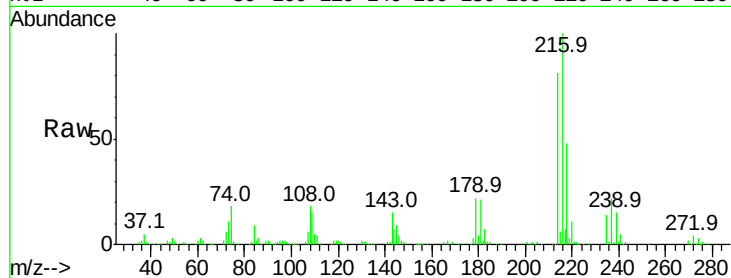
ClientSampleId :

PB86620BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	390713		
214	80.2	62.2	93.2	
179	22.2	18.1	27.1	
108	22.8	16.6	25.0	

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#40

Hexachlorocyclopentadiene

Concen: 67.25 ng

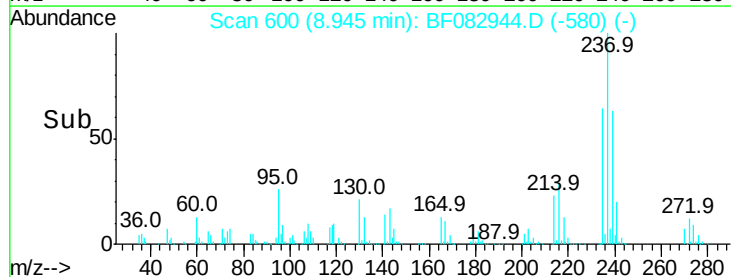
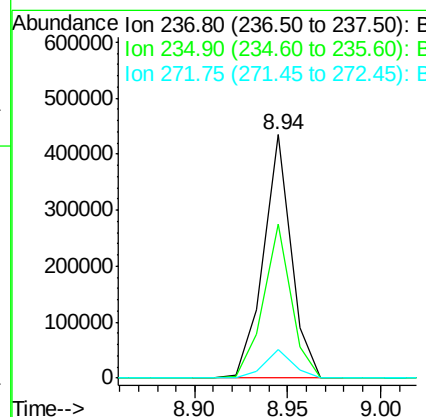
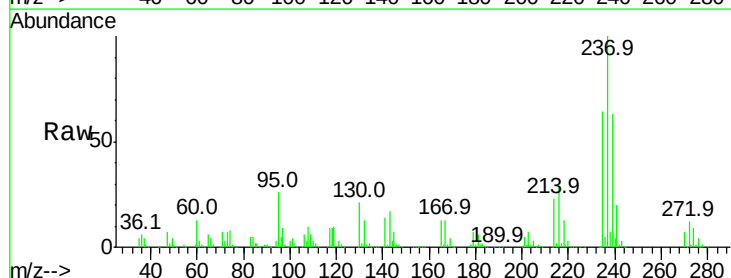
RT: 8.94 min Scan# 600

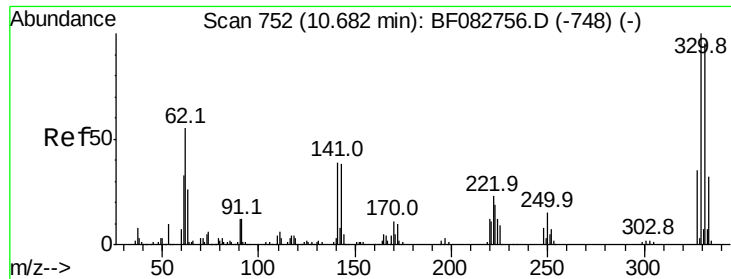
Delta R.T. -0.07 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	446977		
235	63.5	44.3	84.3	
272	11.5	0.0	31.9	





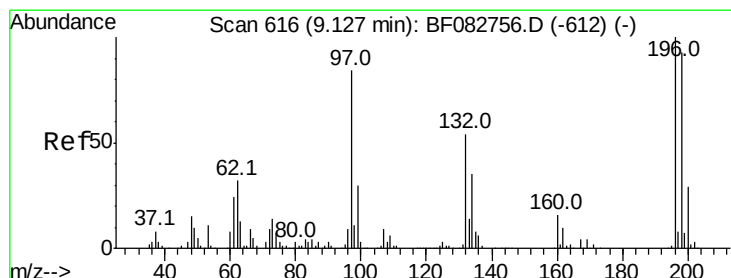
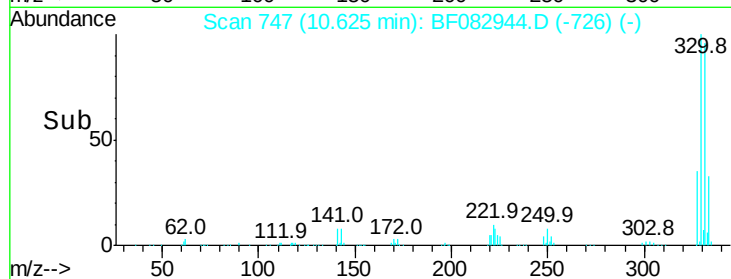
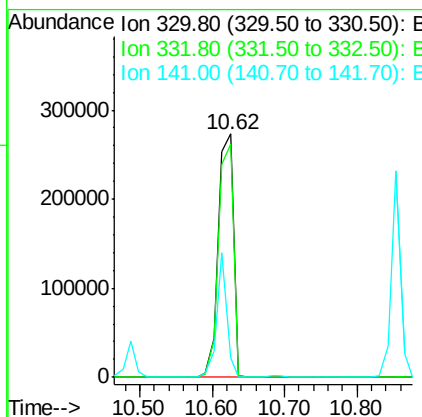
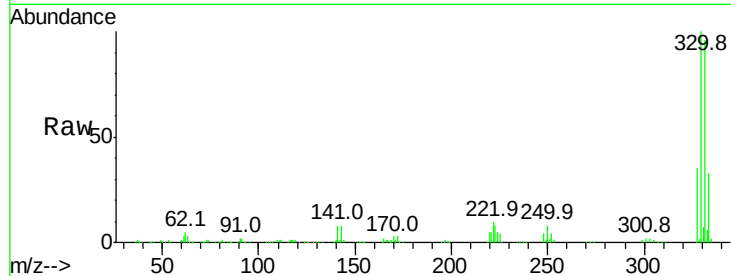
#41
 2,4,6-Tribromophenol
 Concen: 92.49 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.06 min
 Lab File: BF082944.D
 Acq: 16 Nov 2015 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	399210		
332	94.9	76.6	114.8	
141	33.9	41.2	61.8	

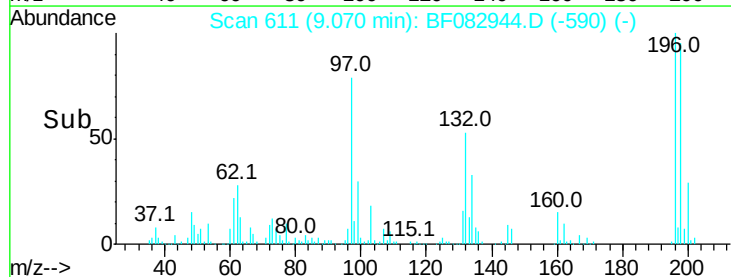
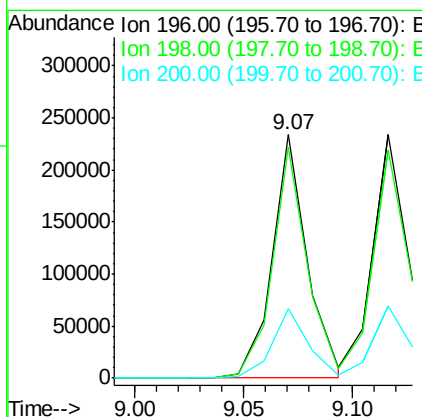
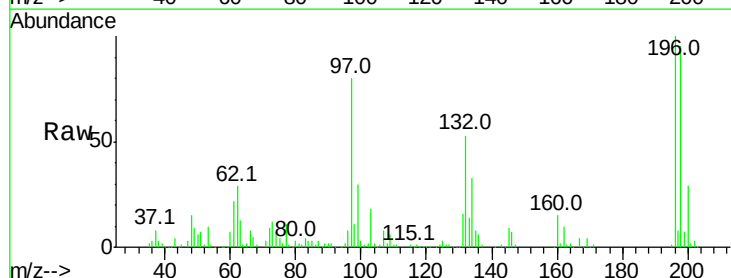
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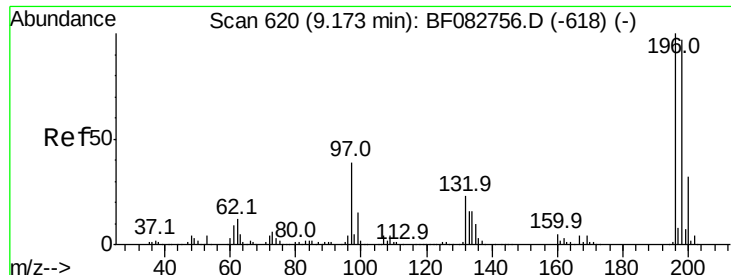
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#42
 2,4,6-Trichlorophenol
 Concen: 28.47 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.06 min
 Lab File: BF082944.D
 Acq: 16 Nov 2015 18:02

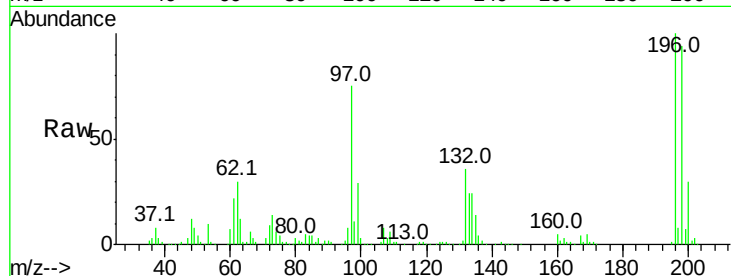
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	262874		
198	94.8	76.3	114.5	
200	28.6	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 28.71 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.05 min
 Lab File: BF082944.D
 Acq: 16 Nov 2015 18:02

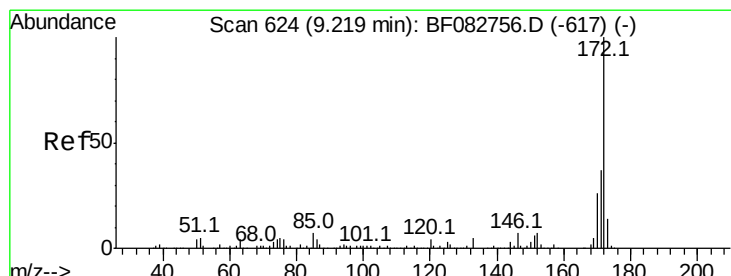
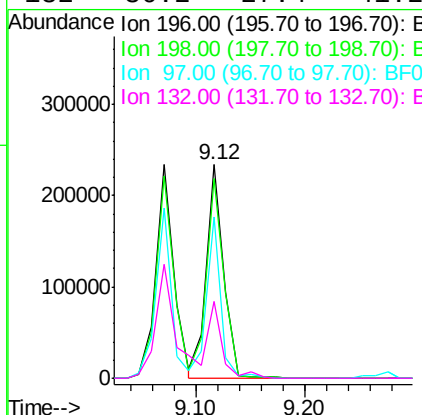
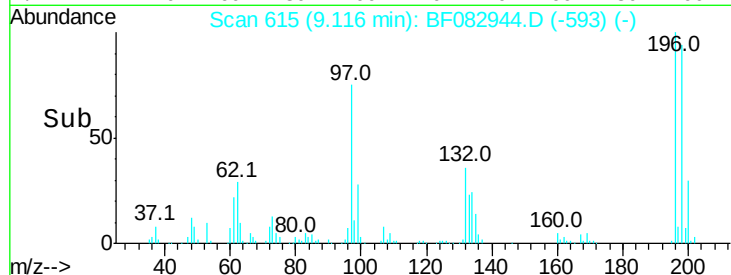
Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD



Tot Ion	Ratio	Resp	Lower	Upper
196	100	262174		
198	93.9	75.8	113.8	
97	75.4	62.3	93.5	
132	36.2	27.4	41.2	

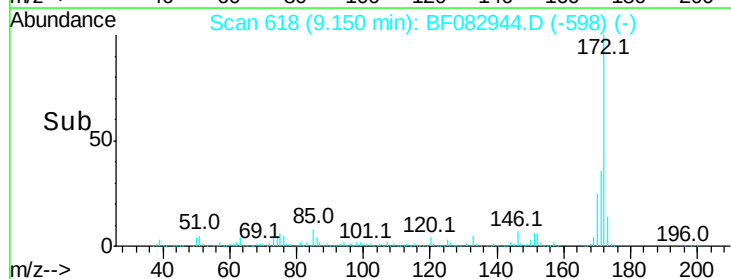
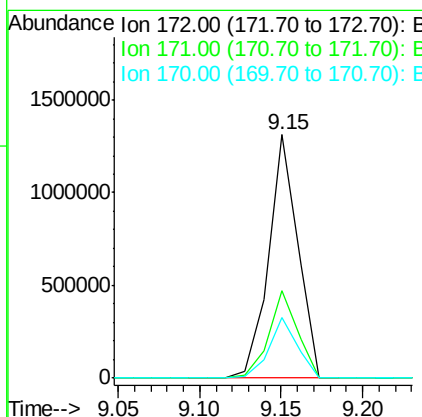
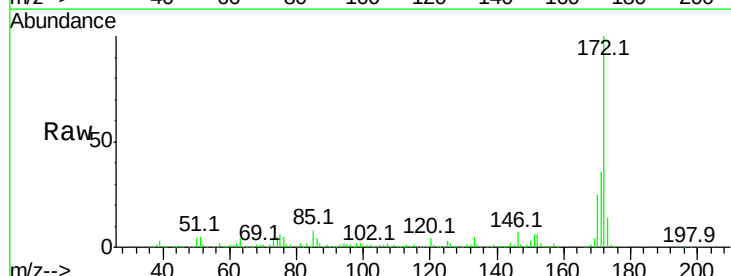
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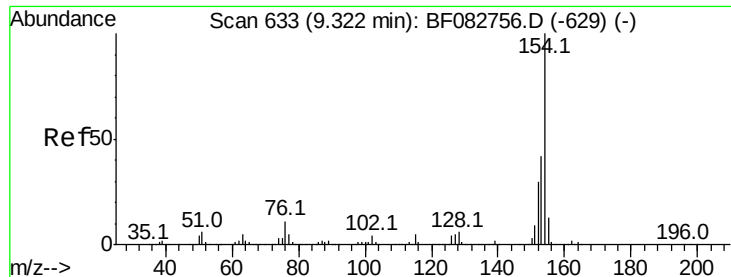
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#44
 2-Fluorobiphenyl
 Concen: 62.40 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF082944.D
 Acq: 16 Nov 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1639123		
171	36.0	30.8	46.2	
170	24.7	21.2	31.8	





#45

1,1'-Biphenyl

Concen: 32.32 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.07 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Instrument :

BNA_F

ClientSampleId :

PB86620BSD

Tot Ion:154 Resp: 1044143

Ion Ratio Lower Upper

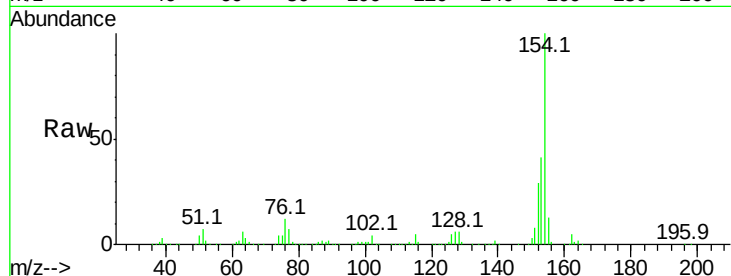
154 100

153 40.5 22.0 62.0

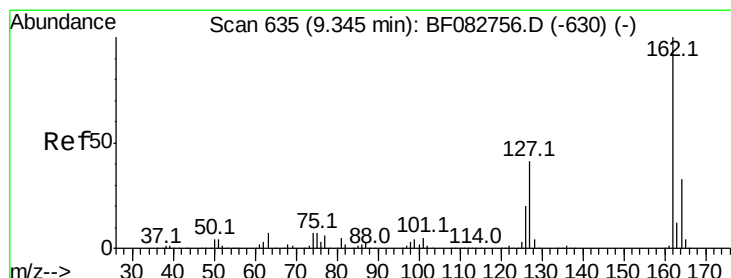
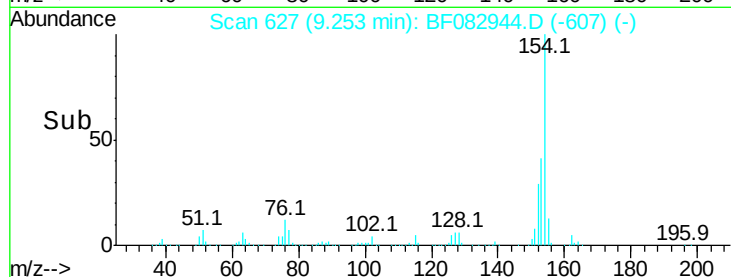
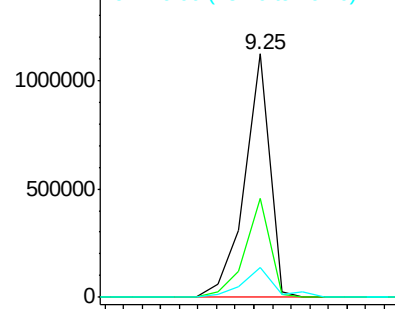
76 12.4 0.0 29.0

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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: 32.64 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.07 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

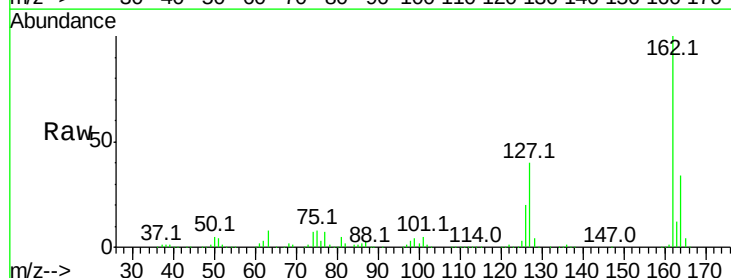
Tgt Ion:162 Resp: 822434

Ion Ratio Lower Upper

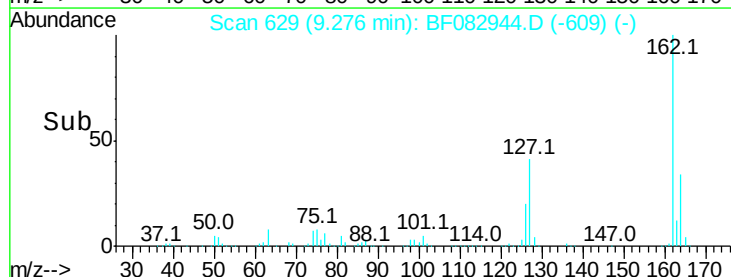
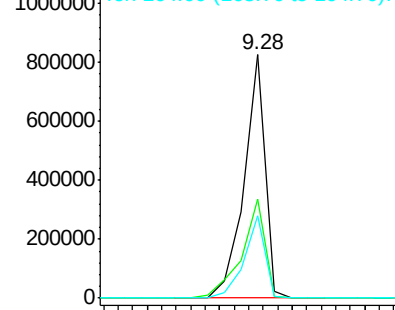
162 100

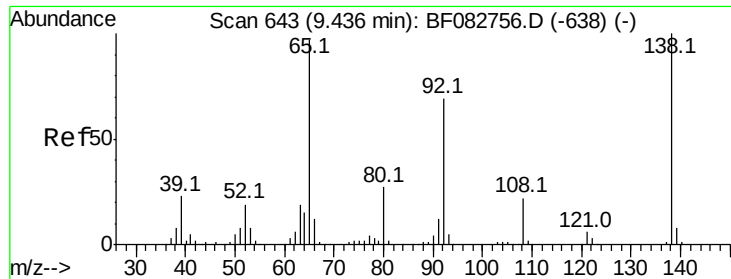
127 40.5 32.7 49.1

164 34.0 27.4 41.0



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





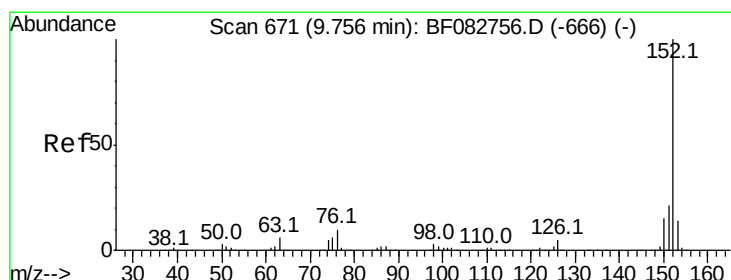
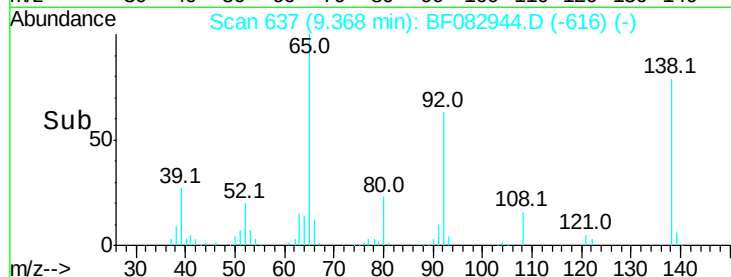
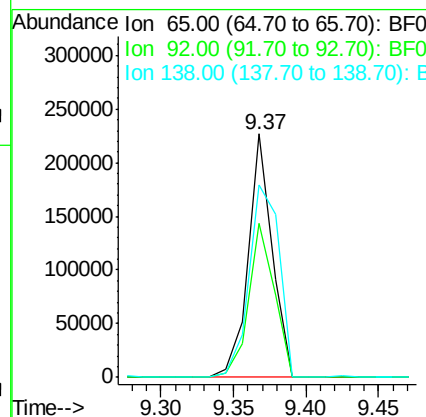
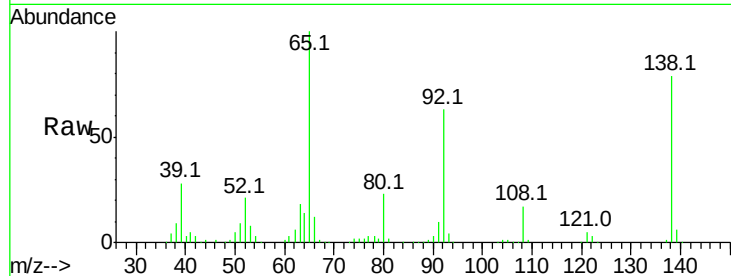
#47
2-Nitroaniline
Concen: 27.75 ng
RT: 9.37 min Scan# 637
Delta R.T. -0.06 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.4	46.6	70.0
138	78.8	54.6	81.8

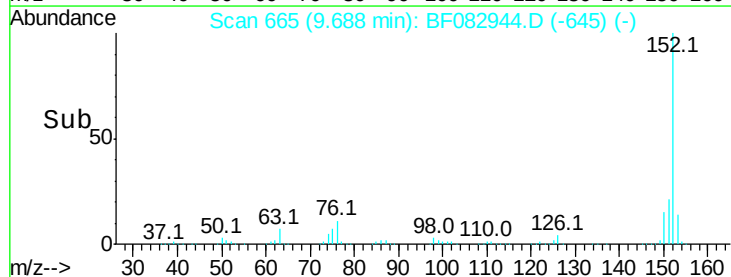
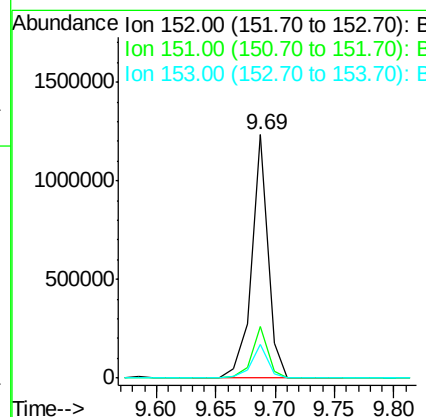
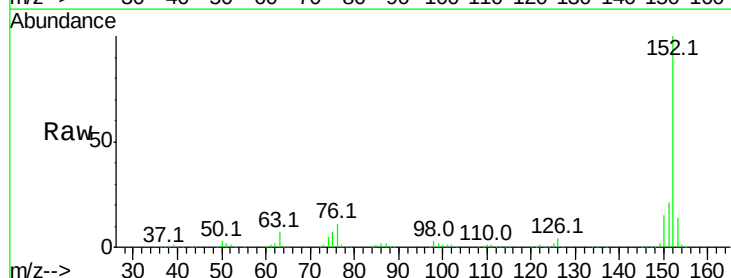
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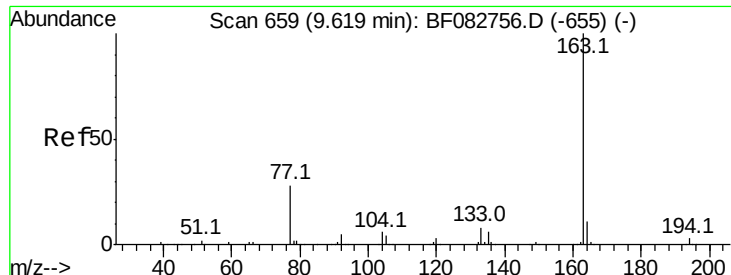
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#48
Acenaphthylene
Concen: 30.24 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.07 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.3	25.9
153	13.8	11.3	16.9





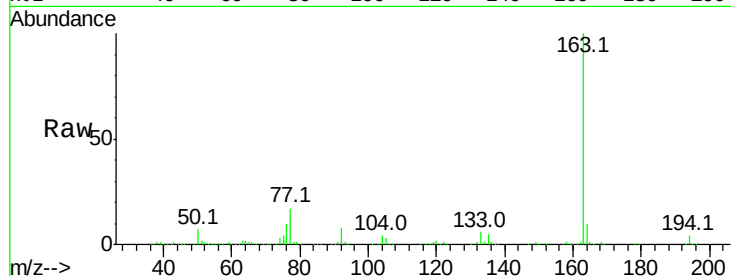
#49
Dimethylphthalate
Concen: 32.19 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

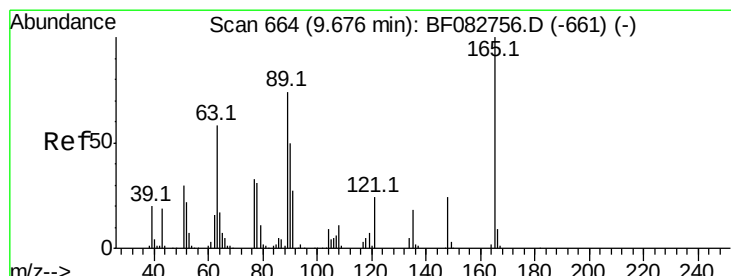
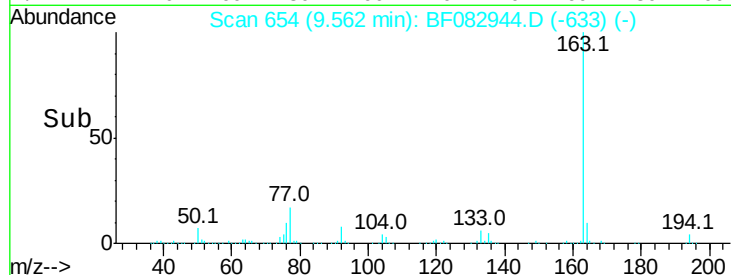
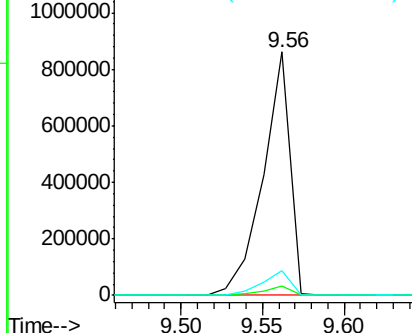
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	2.6	4.0	
164	10.1	8.7	13.1	

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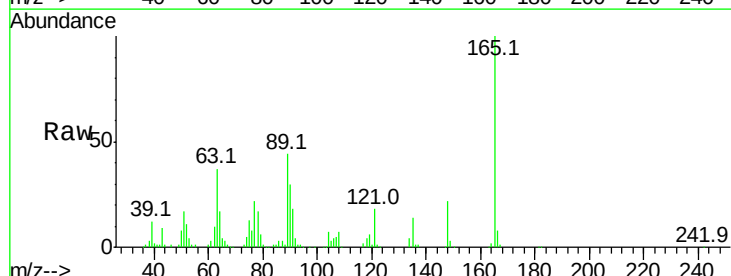


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

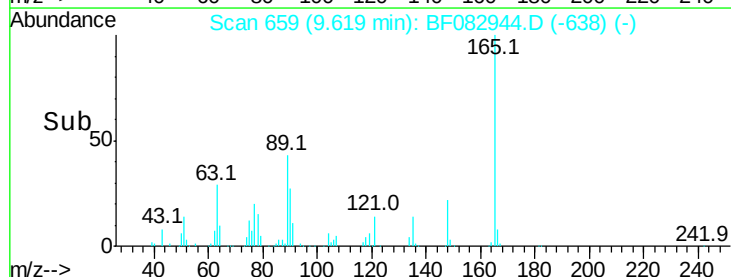
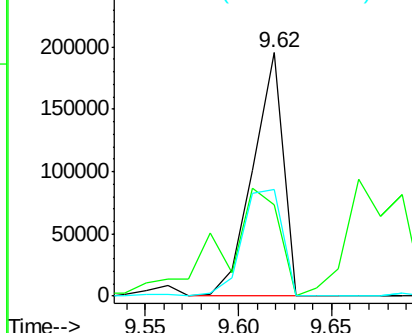


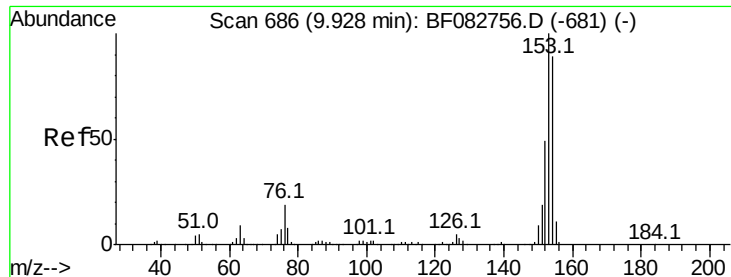
#50
2,6-Dinitrotoluene
Concen: 33.29 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.06 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	37.4	55.5	83.3#	
89	43.8	55.0	82.6#	



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





#51

Acenaphthene

Concen: 34.43 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.07 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Instrument :

BNA_F

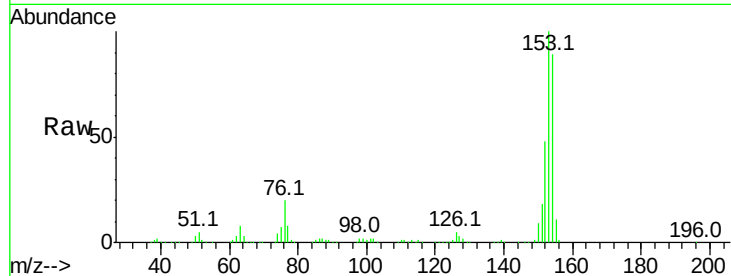
ClientSampleId :

PB86620BSD

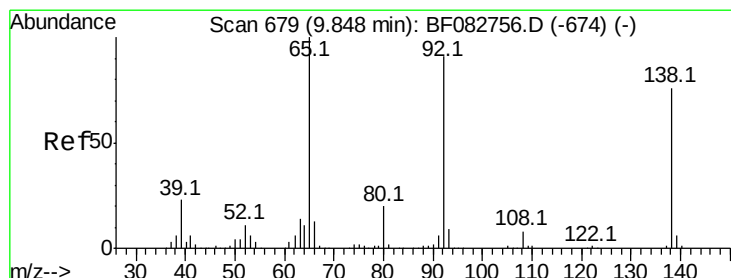
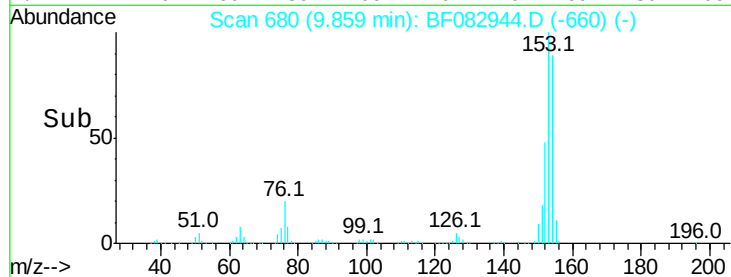
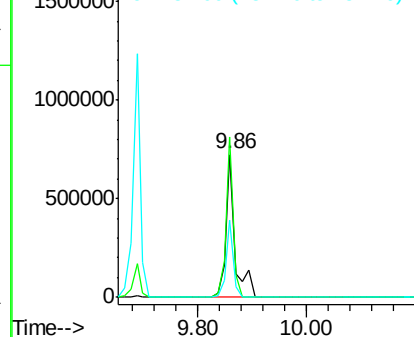
Tot Ion:	154	Resp:	861638
Ion Ratio	Lower	Upper	
154	100		
153	112.4	90.1	135.1
152	53.9	44.3	66.5

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



#52

3-Nitroaniline

Concen: 14.66 ng

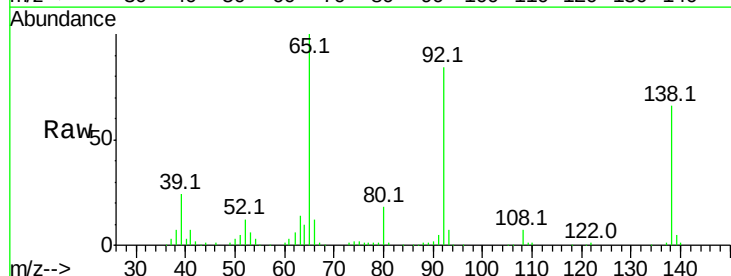
RT: 9.78 min Scan# 673

Delta R.T. -0.06 min

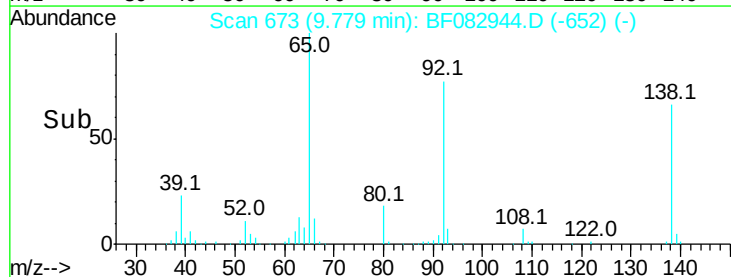
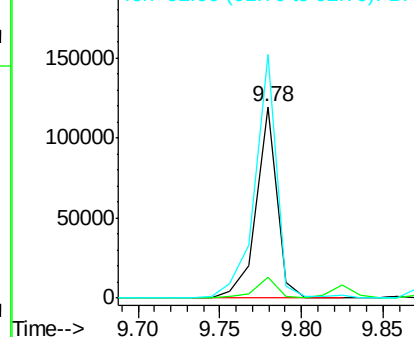
Lab File: BF082944.D

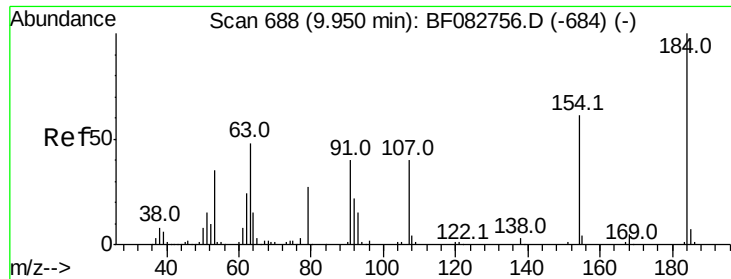
Acq: 16 Nov 2015 18:02

Tgt Ion:	138	Resp:	106118
Ion Ratio	Lower	Upper	
138	100		
108	10.7	11.3	16.9#
92	127.1	122.4	183.6



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





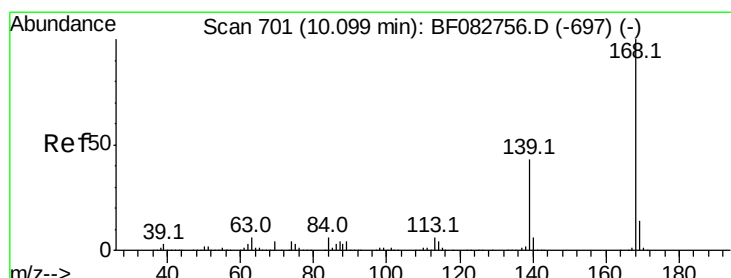
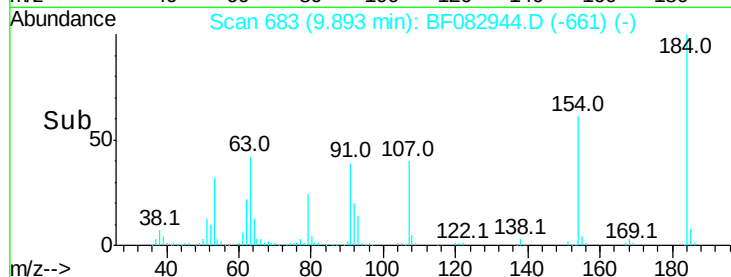
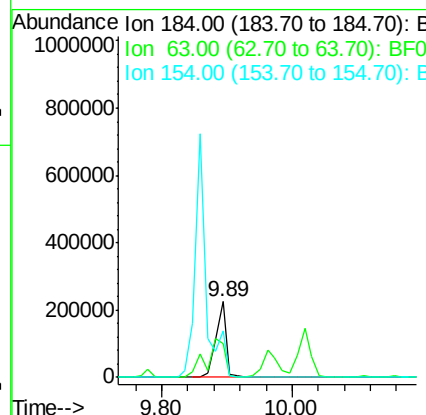
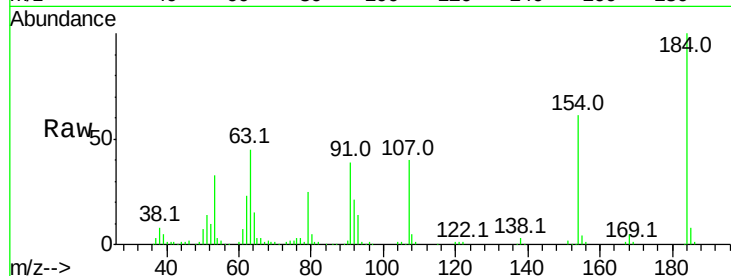
#53
 2,4-Dinitrophenol
 Concen: 71.42 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.04 min
 Lab File: BF082944.D
 Acq: 16 Nov 2015 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	258073		
63	44.6	98.6	148.0	#
154	60.9	183.9	275.9	#

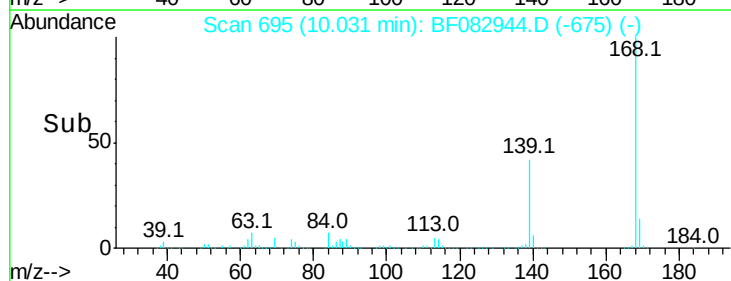
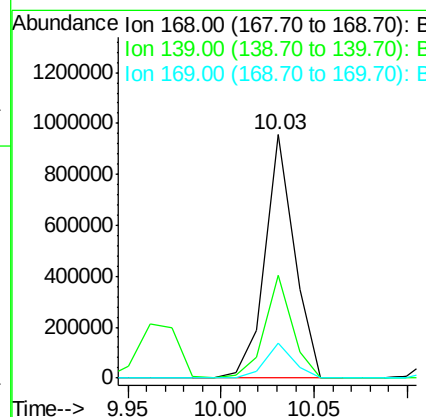
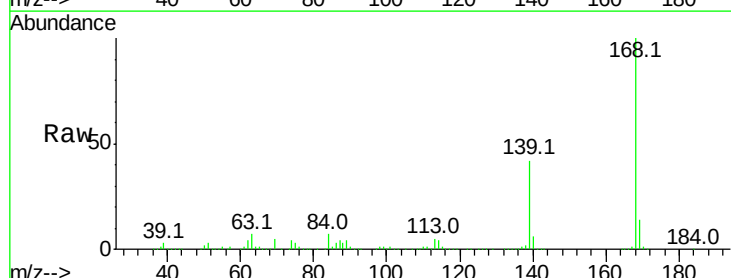
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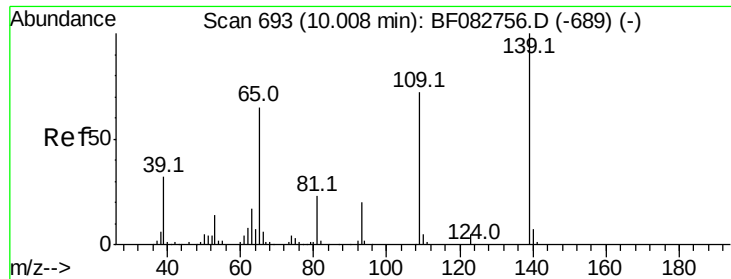
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#54
 Dibenzofuran
 Concen: 30.79 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.07 min
 Lab File: BF082944.D
 Acq: 16 Nov 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1039069		
139	42.1	37.8	56.6	
169	14.2	11.3	16.9	





#55

4-Nitrophenol

Concen: 58.25 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.03 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Instrument :

BNA_F

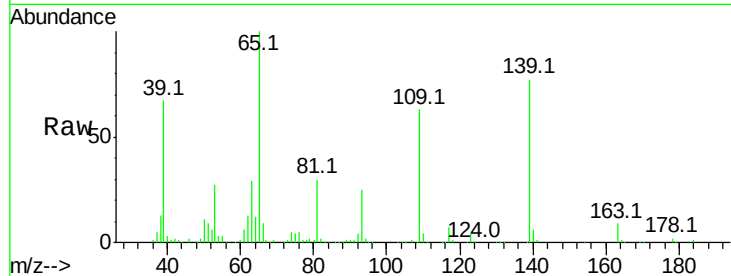
ClientSampleId :

PB86620BSD

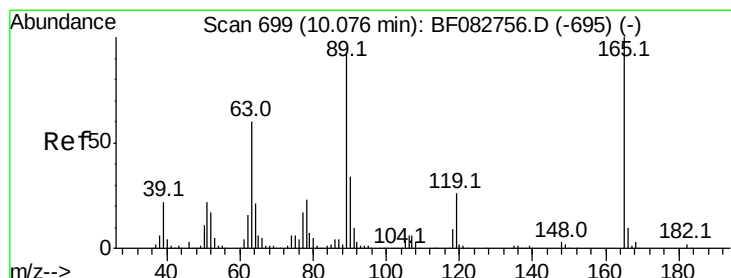
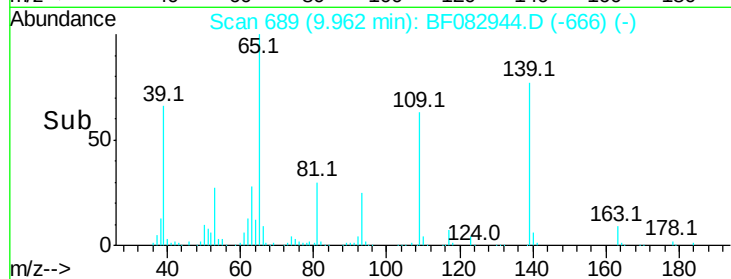
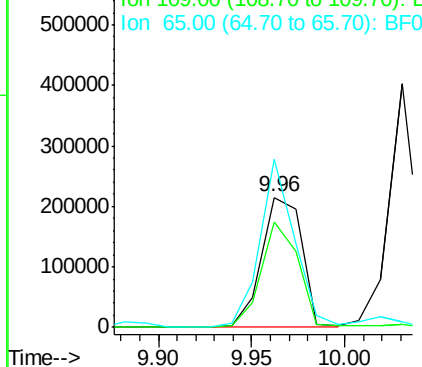
Tot Ion:	139	Resp:	323444
Ion Ratio	Lower	Upper	
139	100		
109	81.5	73.7	113.7
65	130.0	82.9	122.9#

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



#56

2,4-Dinitrotoluene

Concen: 34.19 ng

RT: 10.02 min Scan# 694

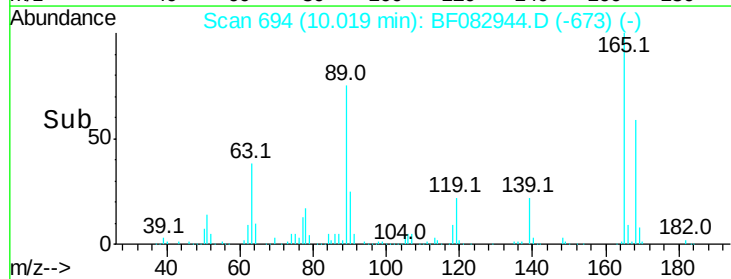
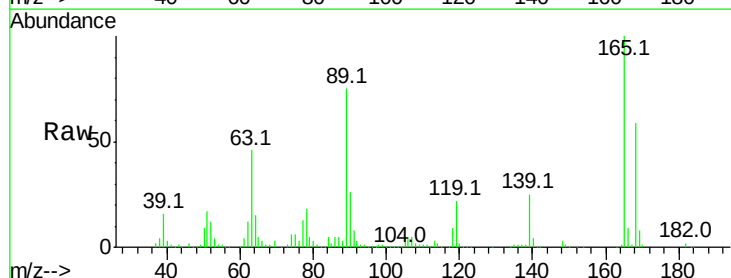
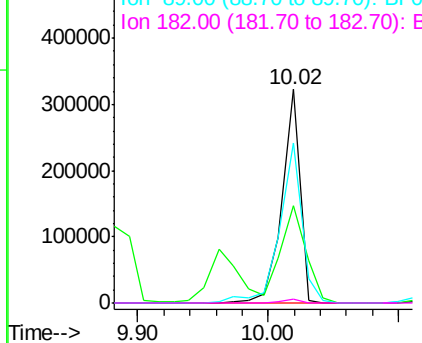
Delta R.T. -0.06 min

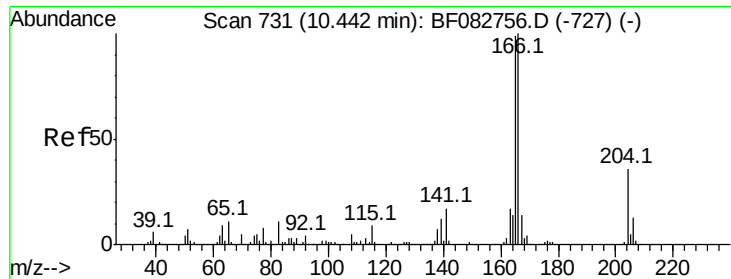
Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Tgt Ion:	165	Resp:	305263
Ion Ratio	Lower	Upper	
165	100		
63	45.8	43.4	65.0
89	75.1	70.6	106.0
182	2.1	1.5	2.3

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 30.50 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.07 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Instrument :

BNA_F

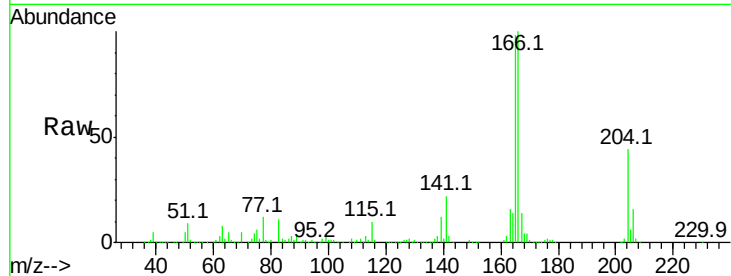
ClientSampleId :

PB86620BSD

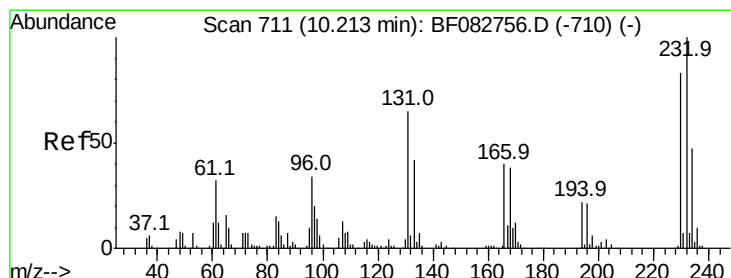
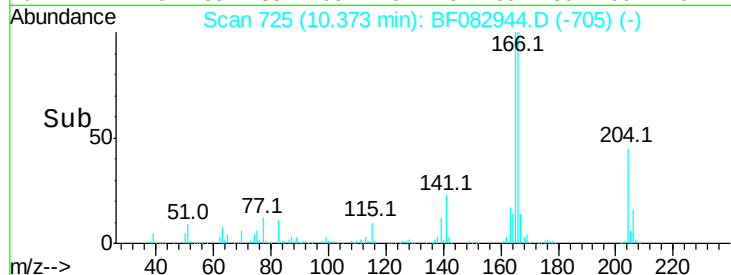
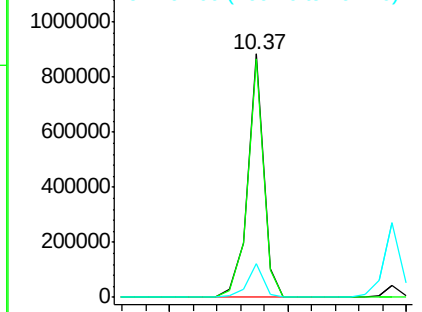
Tot Ion:	166	Resp:	833454
Ion Ratio	Lower	Upper	
166	100		
165	98.2	80.2	120.4
167	13.8	11.2	16.8

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.00 ng

RT: 10.16 min Scan# 706

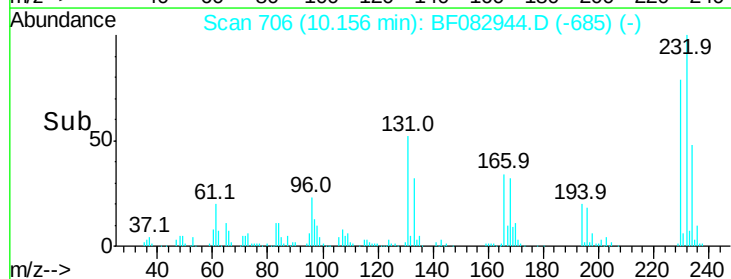
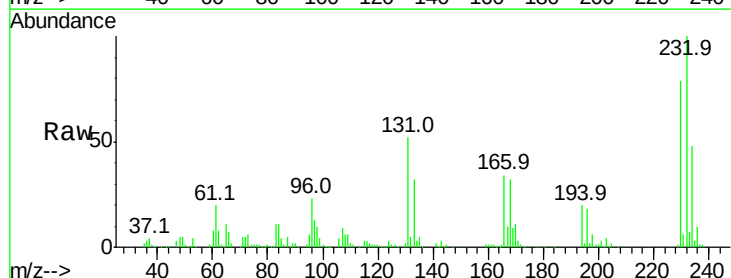
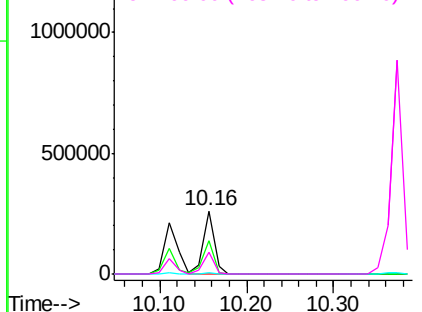
Delta R.T. -0.06 min

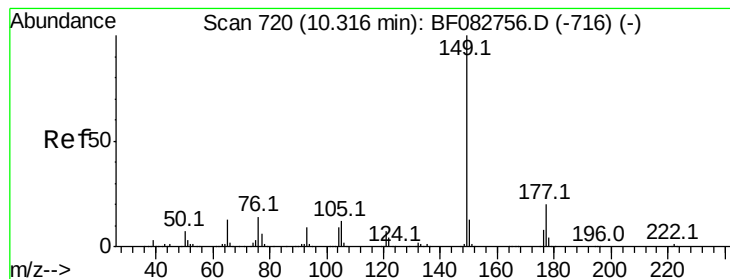
Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Tgt Ion:	232	Resp:	231097
Ion Ratio	Lower	Upper	
232	100		
131	51.3	46.2	69.2
130	2.4	2.4	3.6
166	32.7	28.2	42.2

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





#59

Diethylphthalate

Concen: 31.82 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.06 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Instrument :

BNA_F

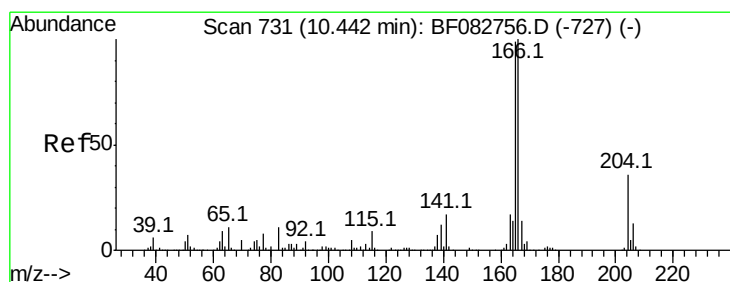
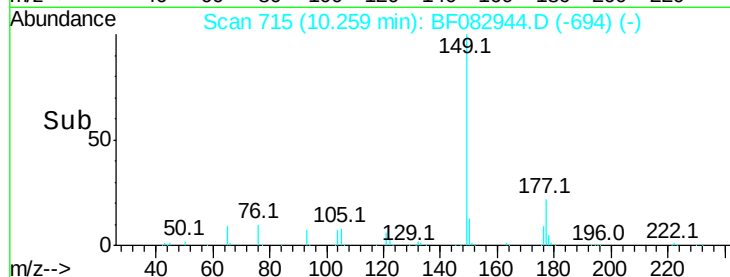
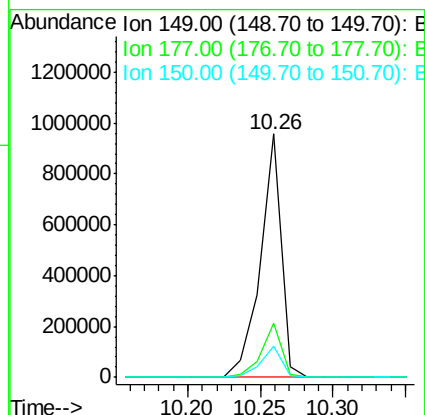
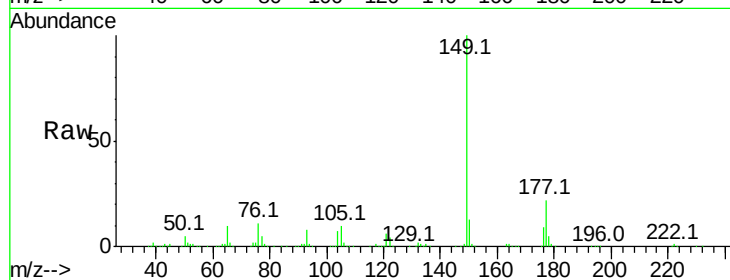
ClientSampleId :

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Tot Ion:	149	Resp:	958377
Ion Ratio	Lower	Upper	
149	100		
177	22.4	17.9	26.9
150	12.9	10.1	15.1

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#60

4-Chlorophenyl-phenylether

Concen: 31.41 ng

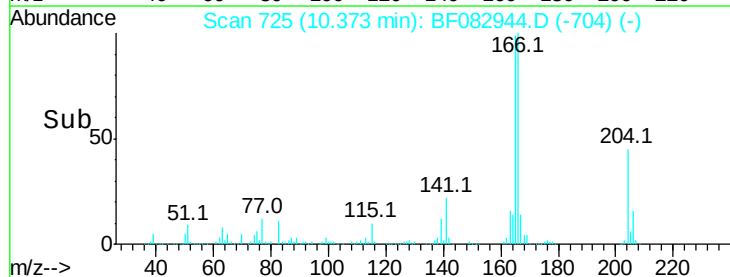
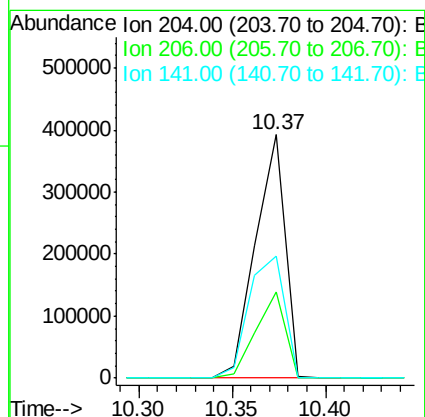
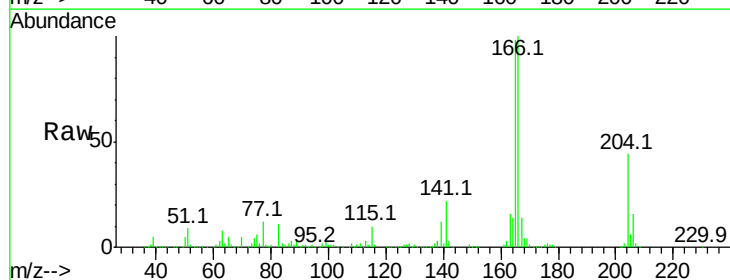
RT: 10.37 min Scan# 725

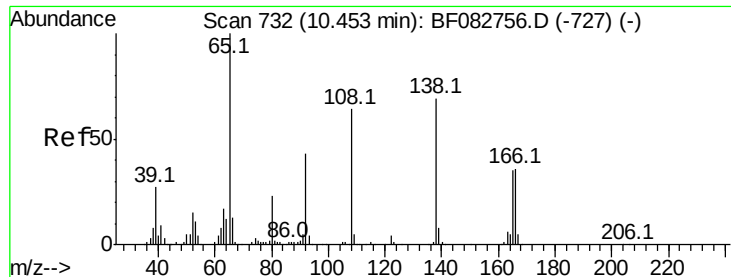
Delta R.T. -0.06 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Tgt Ion:	204	Resp:	429516
Ion Ratio	Lower	Upper	
204	100		
206	35.5	28.5	42.7
141	50.3	44.6	66.8





#61

4-Nitroaniline

Concen: 27.15 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.06 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Instrument :

BNA_F

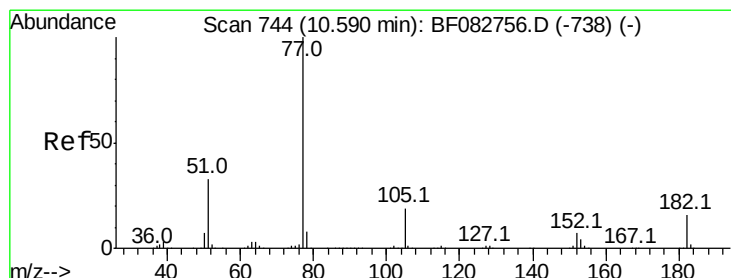
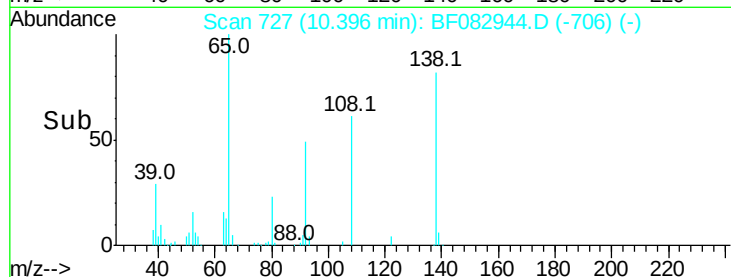
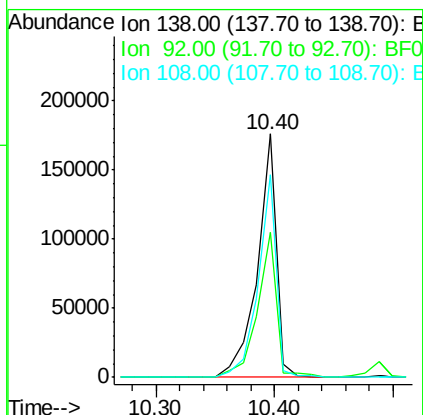
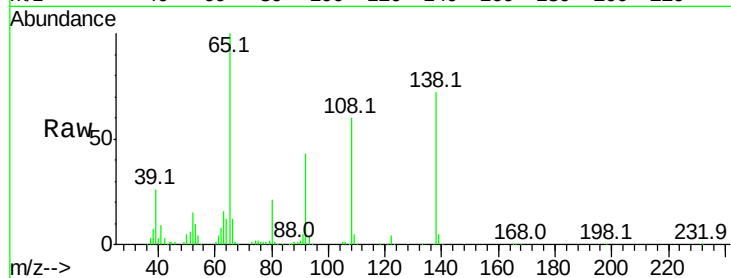
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
138	100		
92	59.5	45.8	85.8
108	83.2	89.4	129.4



#62

Azobenzene

Concen: 33.77 ng

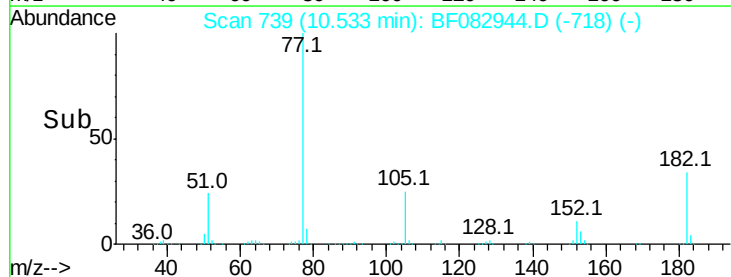
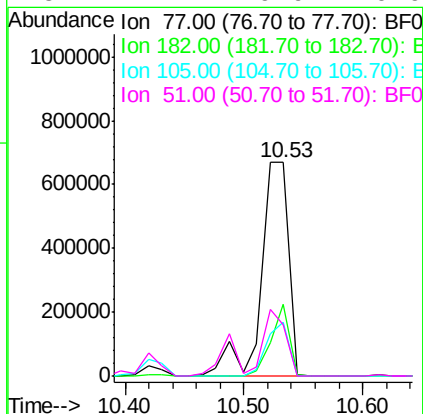
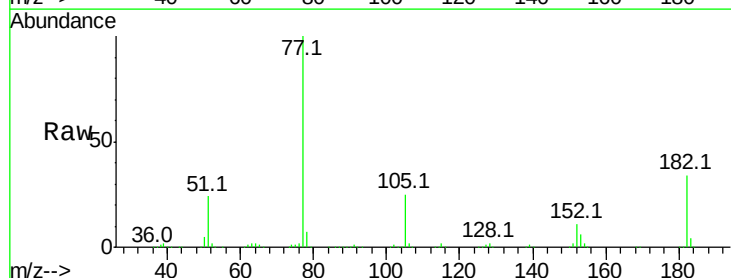
RT: 10.53 min Scan# 739

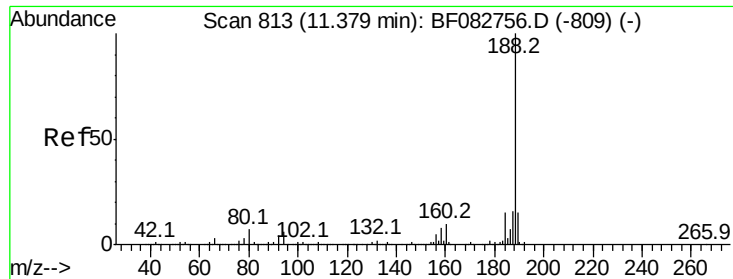
Delta R.T. -0.06 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	33.5	9.3	49.3
105	25.2	2.6	42.6
51	24.1	9.9	49.9





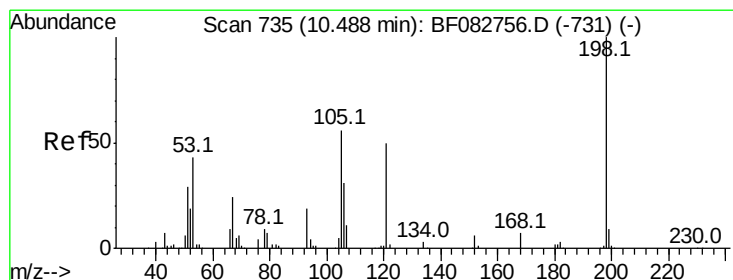
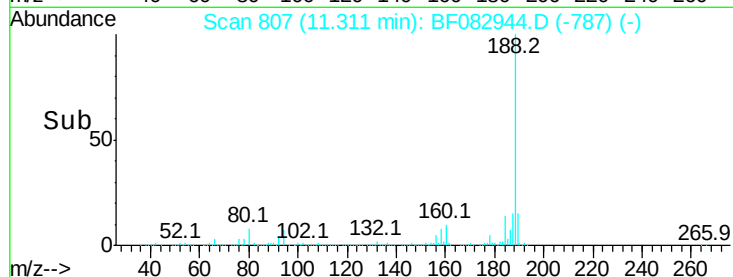
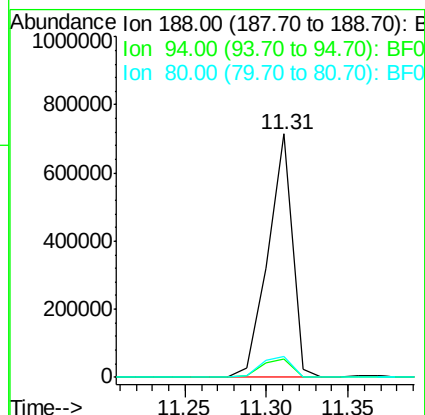
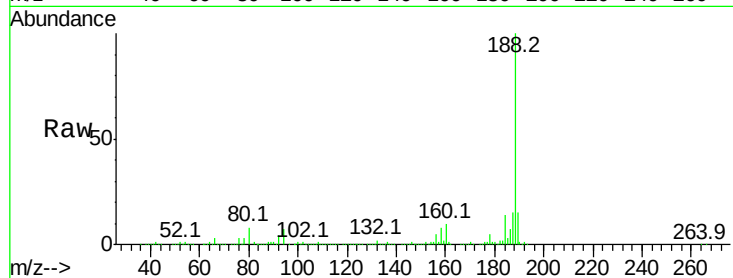
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.07 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	750027		
94	7.4	6.1	9.1	
80	8.4	7.0	10.6	

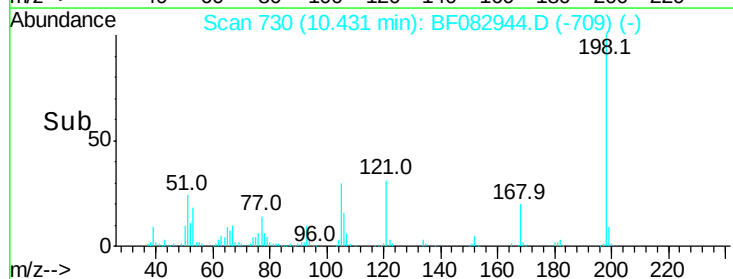
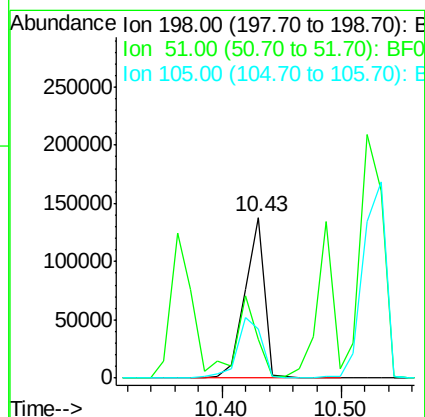
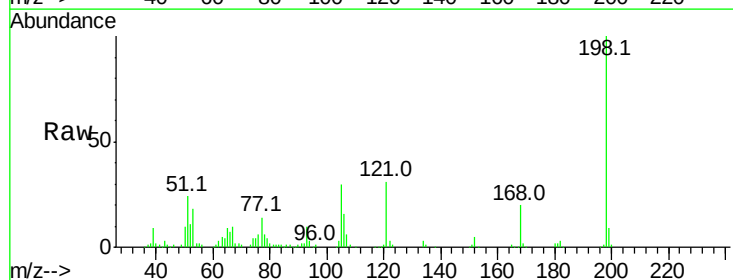
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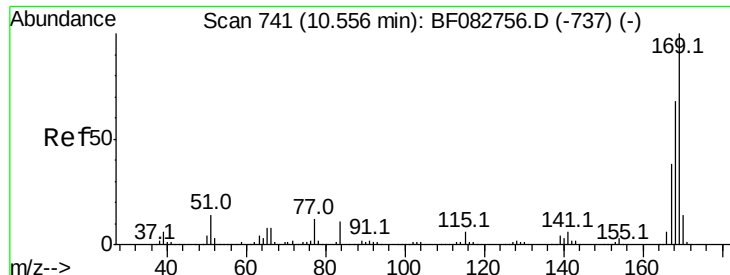
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#64
4,6-Dinitro-2-methylphenol
Concen: 29.79 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.06 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	159182		
51	24.0	17.3	57.3	
105	30.4	21.7	61.7	





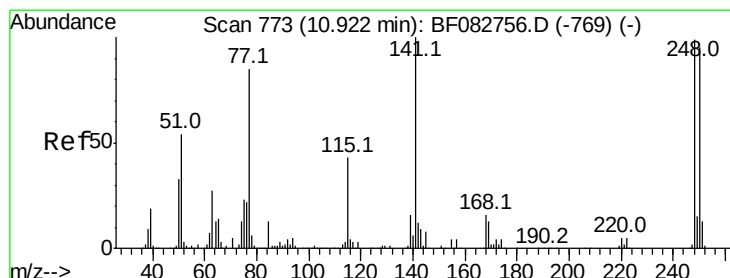
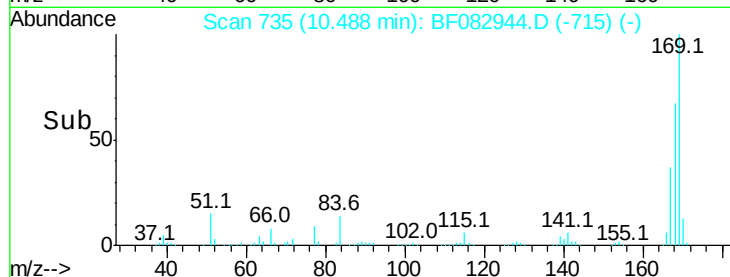
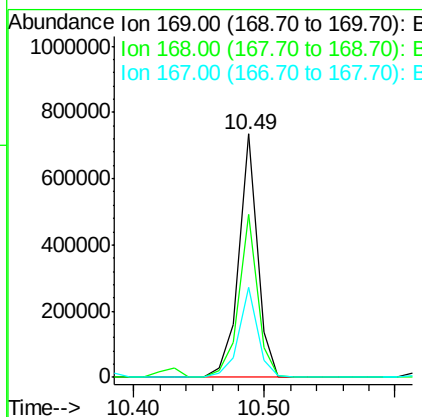
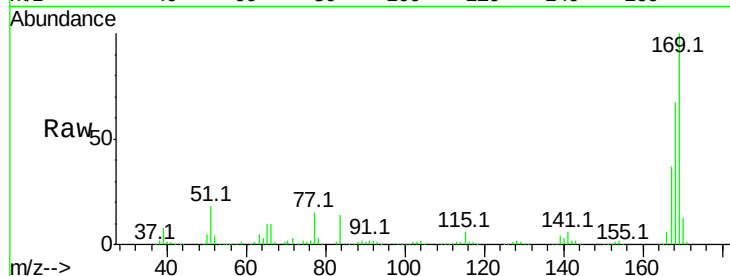
#65
 n-Nitrosodiphenylamine
 Concen: 26.98 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.07 min
 Lab File: BF082944.D
 Acq: 16 Nov 2015 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tot Ion	169	Resp	730978
Ion Ratio	Lower	Upper	
169	100		
168	66.9	55.0	82.6
167	36.9	30.5	45.7

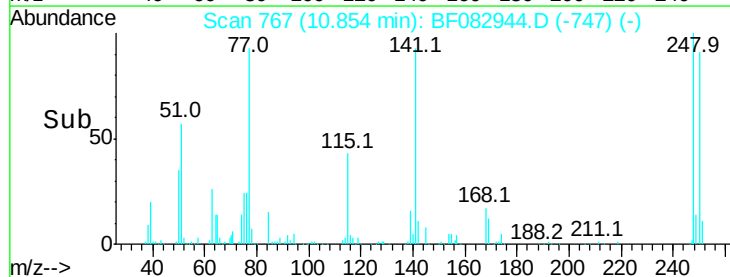
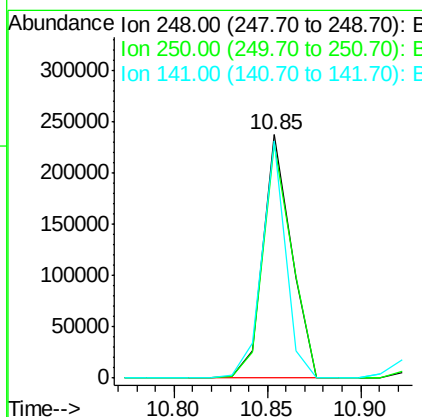
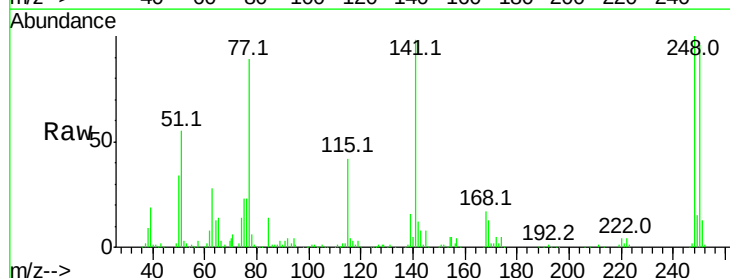
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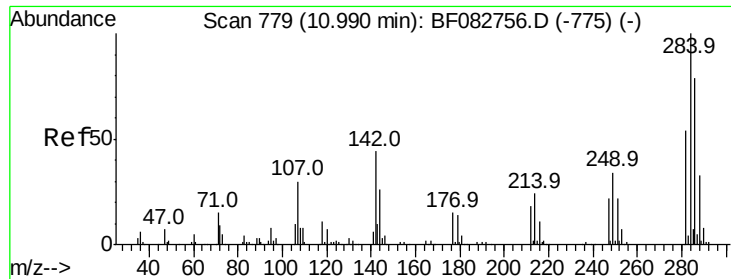
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#66
 4-Bromophenyl-phenylether
 Concen: 27.53 ng
 RT: 10.85 min Scan# 767
 Delta R.T. -0.07 min
 Lab File: BF082944.D
 Acq: 16 Nov 2015 18:02

Tgt Ion	248	Resp	248587
Ion Ratio	Lower	Upper	
248	100		
250	96.2	79.4	119.2
141	97.7	36.3	54.5#





#67

Hexachlorobenzene

Concen: 26.87 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.07 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Instrument :

BNA_F

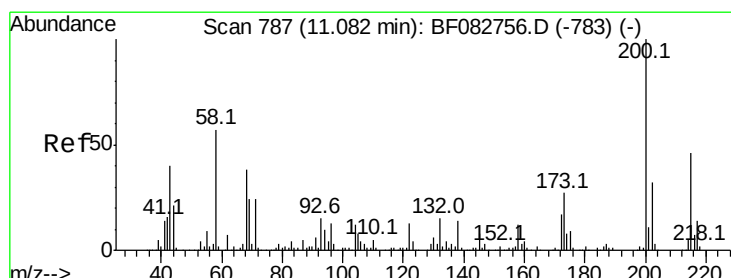
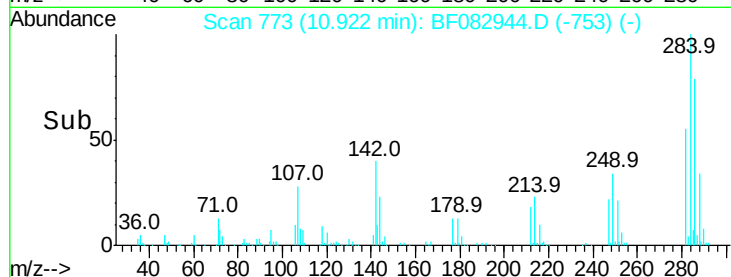
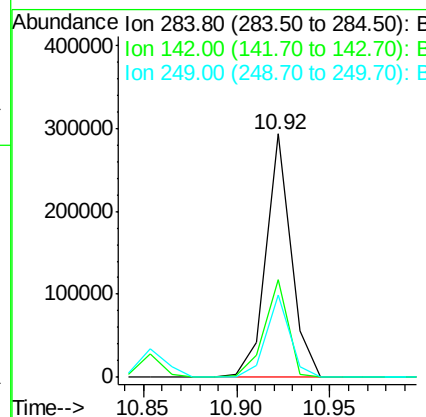
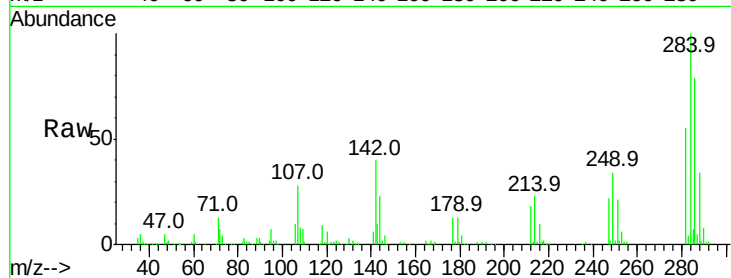
ClientSampleId :

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Tot Ion:	284	Resp:	270984
Ion Ratio		Lower	Upper
284	100		
142	40.1	47.9	71.9#
249	33.9	29.7	44.5

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#68

Atrazine

Concen: 32.81 ng

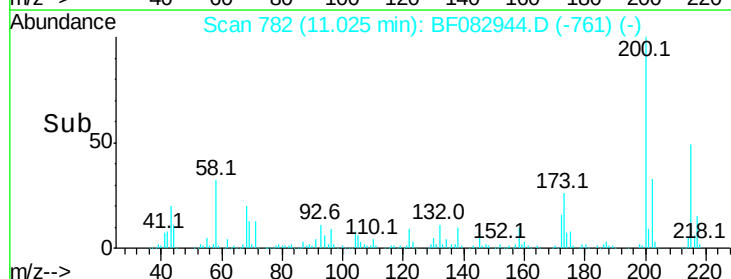
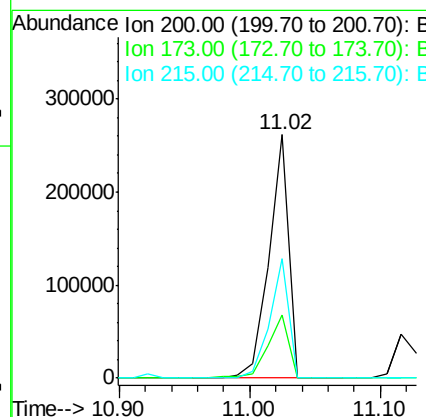
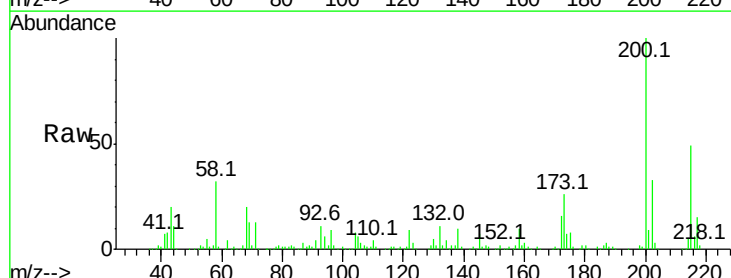
RT: 11.02 min Scan# 782

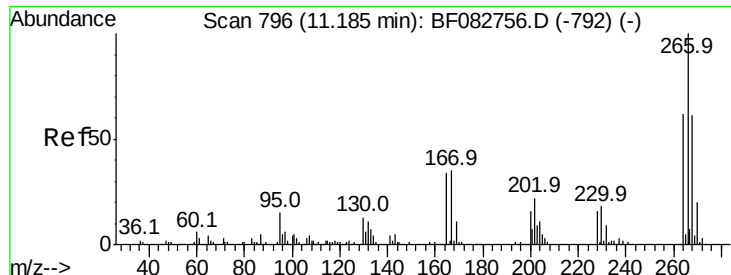
Delta R.T. -0.06 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Tgt Ion:	200	Resp:	274919
Ion Ratio		Lower	Upper
200	100		
173	25.7	6.9	46.9
215	49.0	22.9	62.9





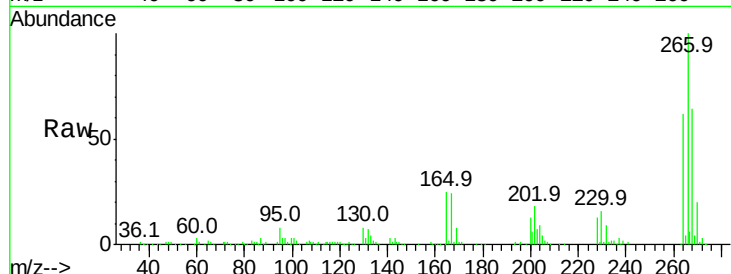
#69
 Pentachlorophenol
 Concen: 48.54 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.06 min
 Lab File: BF082944.D
 Acq: 16 Nov 2015 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

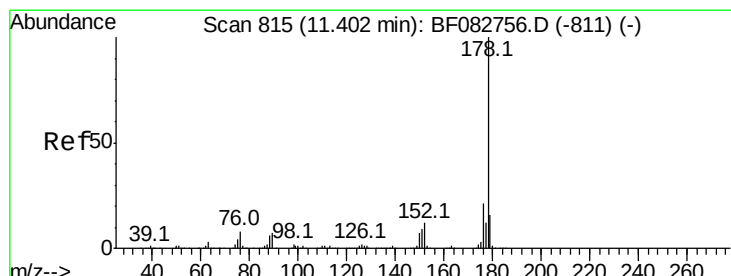
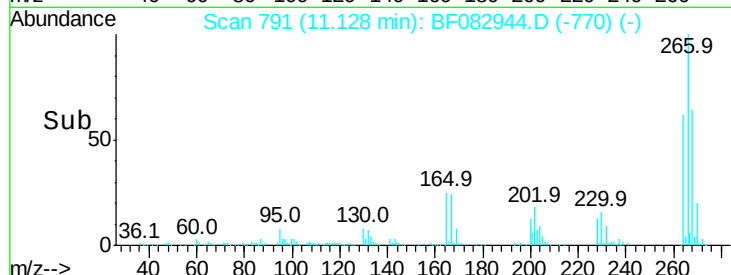
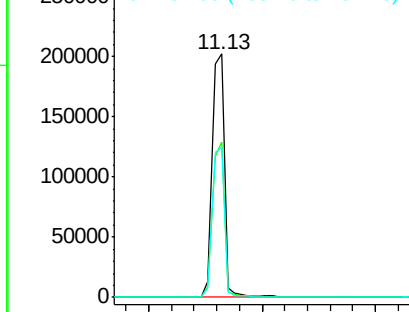
Tot Ion	Ratio	Resp	Lower	Upper
266	100	297228		
268	63.8	51.0	76.6	
264	61.6	50.6	75.8	

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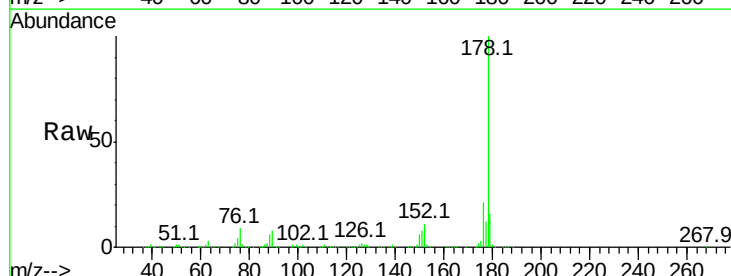


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

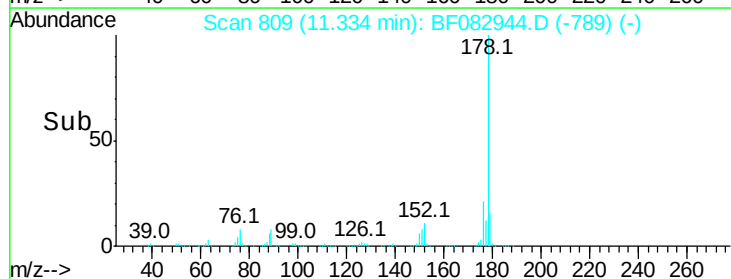
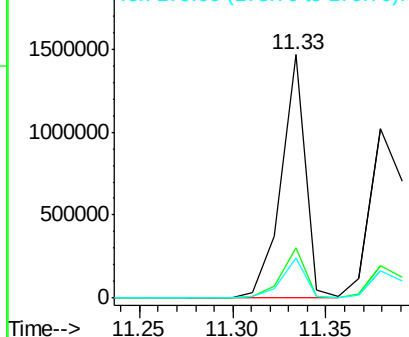


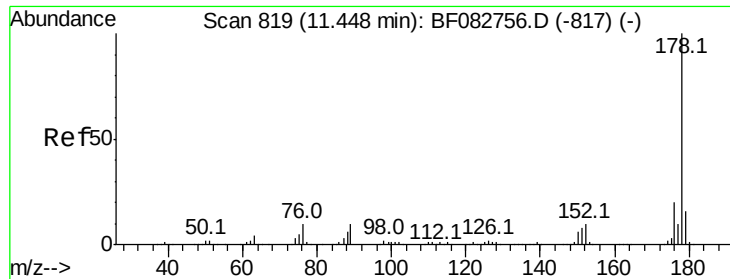
#70
 Phenanthrene
 Concen: 30.46 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.07 min
 Lab File: BF082944.D
 Acq: 16 Nov 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1326886		
176	20.5	17.0	25.4	
179	16.4	13.4	20.0	



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





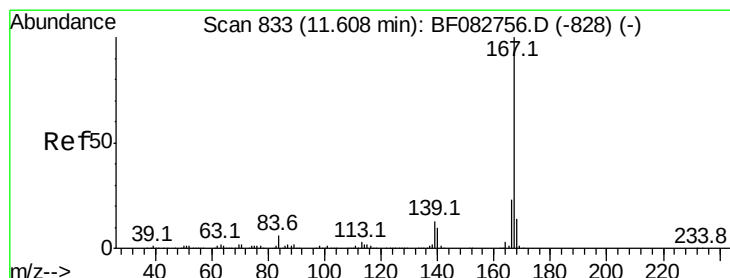
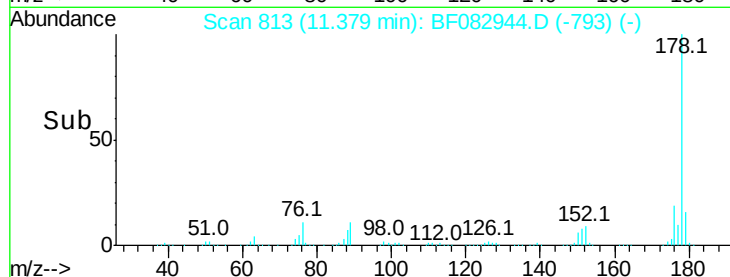
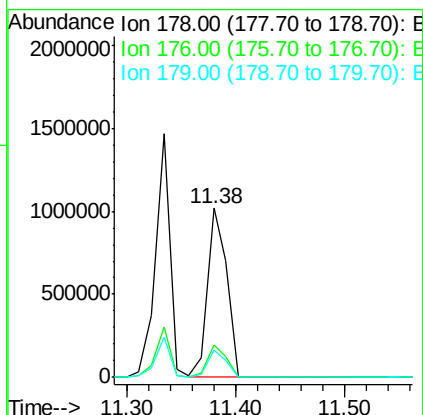
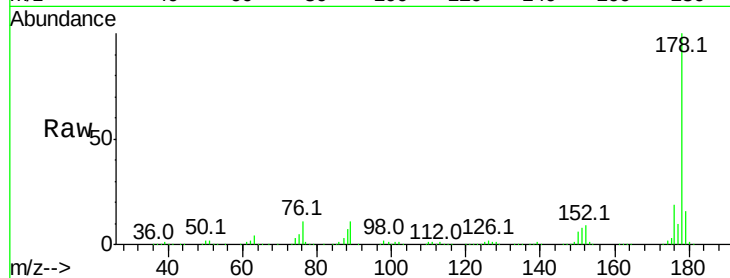
#71
 Anthracene
 Concen: 27.63 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.07 min
 Lab File: BF082944.D
 Acq: 16 Nov 2015 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tot Ion:178 Resp: 1267875
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.5 24.7
 179 16.2 13.2 19.8

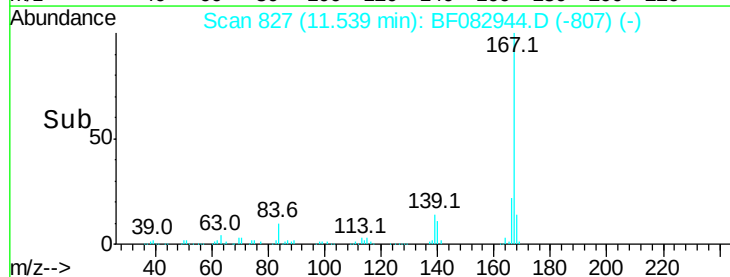
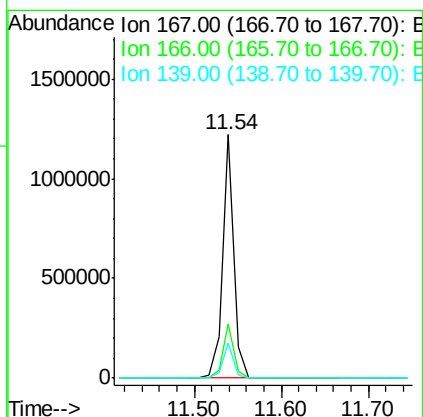
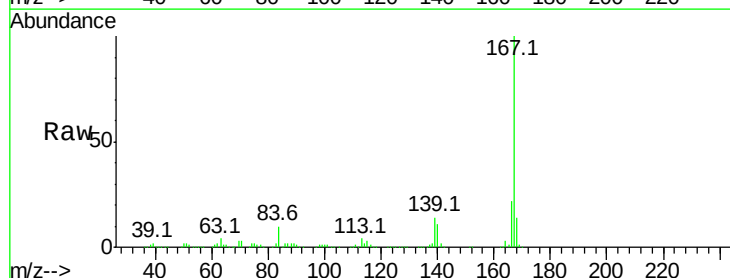
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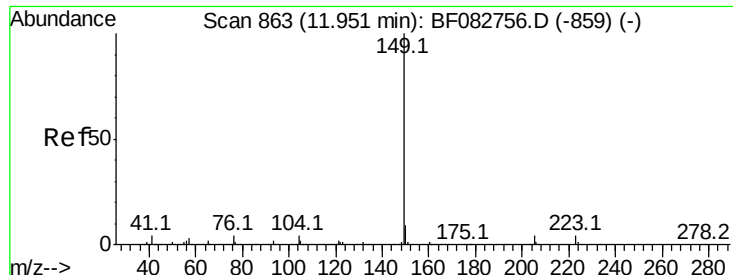
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#72
 Carbazole
 Concen: 27.43 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.07 min
 Lab File: BF082944.D
 Acq: 16 Nov 2015 18:02

Tgt Ion:167 Resp: 1101786
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.7 28.1
 139 14.5 11.8 17.6





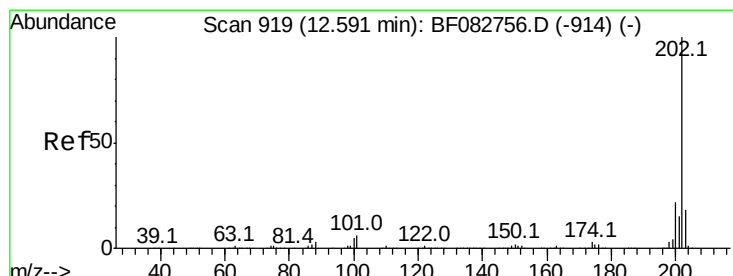
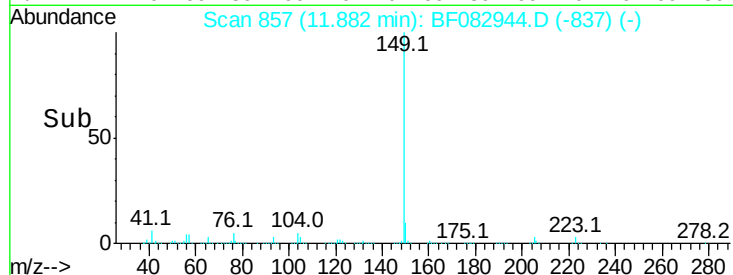
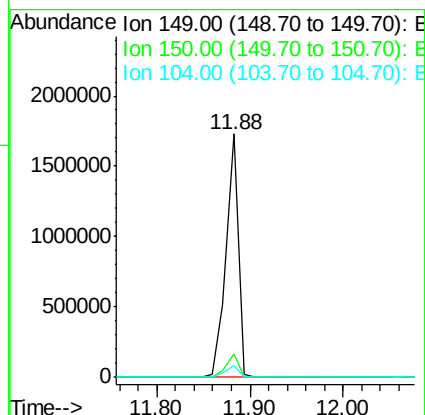
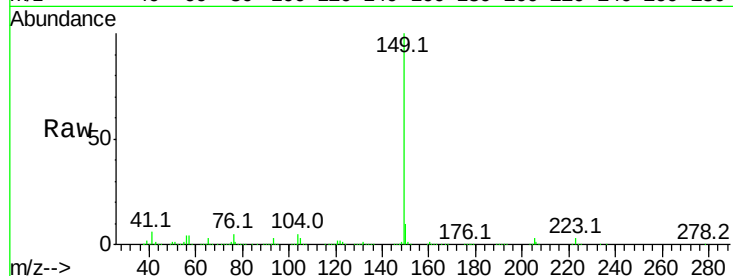
#73
Di-n-butylphthalate
Concen: 31.32 ng
RT: 11.88 min Scan# 857
Delta R.T. -0.07 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tot Ion:149 Resp: 1567001
Ion Ratio Lower Upper
149 100
150 9.8 8.1 12.1
104 5.1 5.2 7.8#

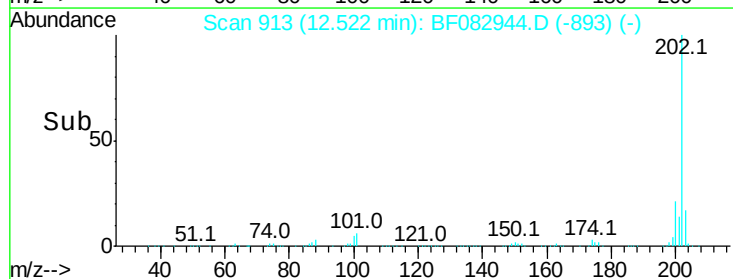
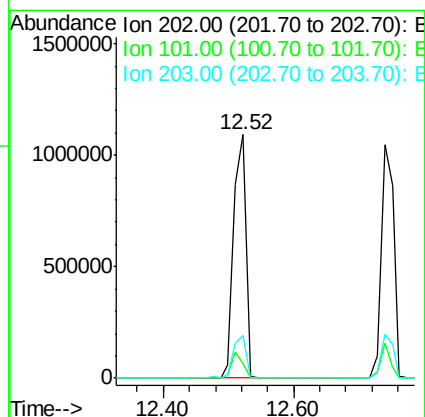
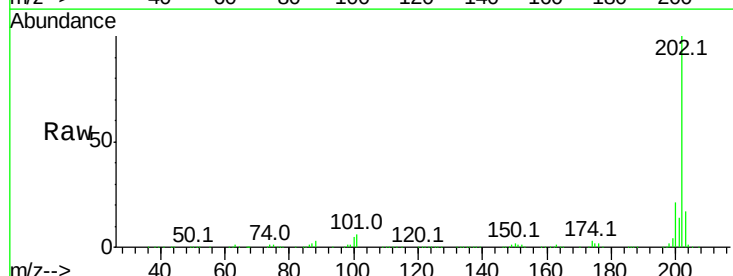
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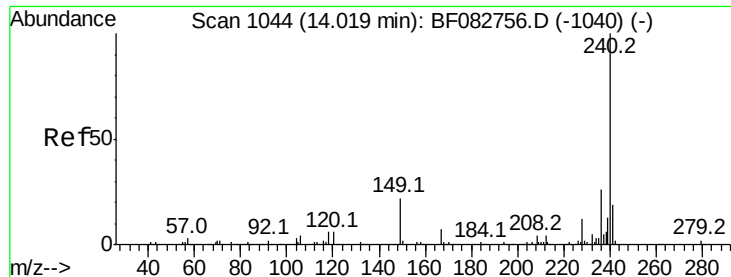
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#74
Fluoranthene
Concen: 30.01 ng
RT: 12.52 min Scan# 913
Delta R.T. -0.07 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Tgt Ion:202 Resp: 1402610
Ion Ratio Lower Upper
202 100
101 6.1 0.0 30.5
203 17.4 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.08 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Instrument :

BNA_F

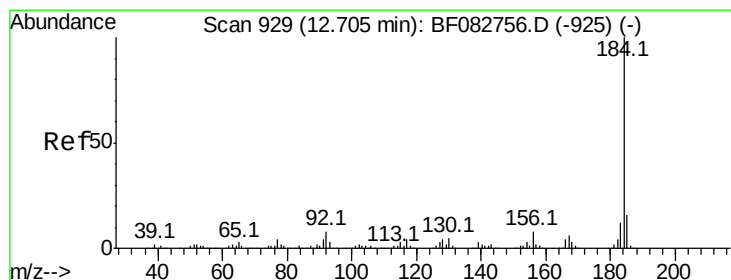
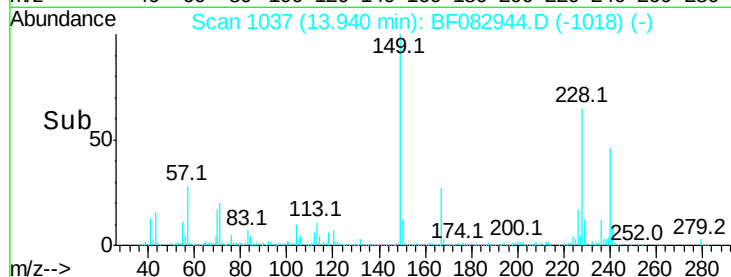
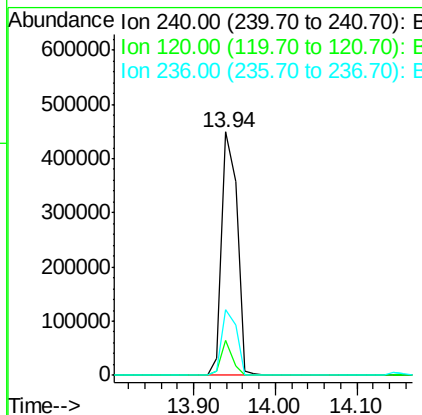
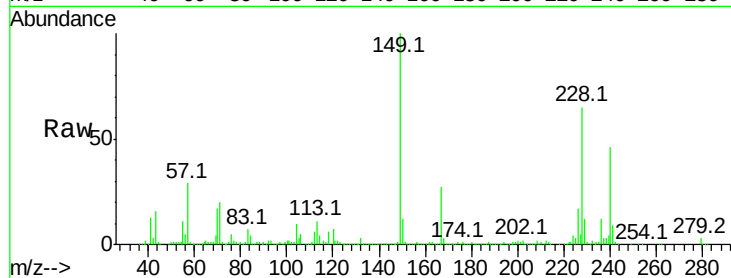
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
240	100		
120	14.6	10.9	16.3
236	27.1	21.6	32.4

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#76

Benzidine

Concen: 21.85 ng

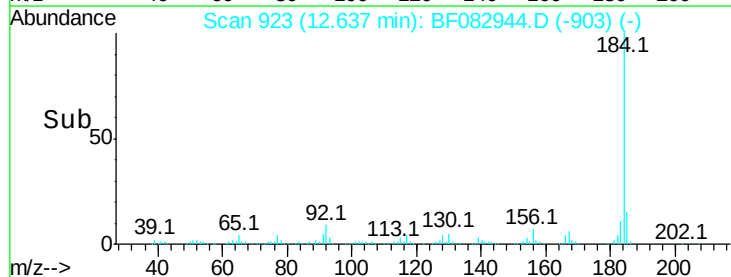
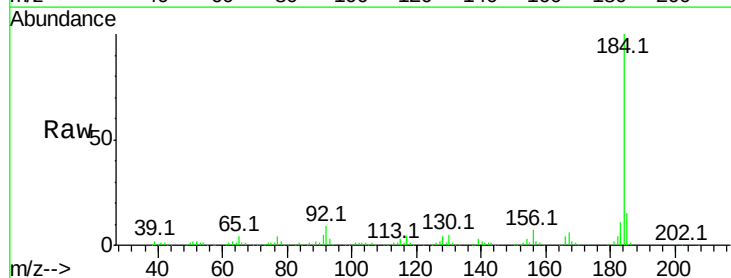
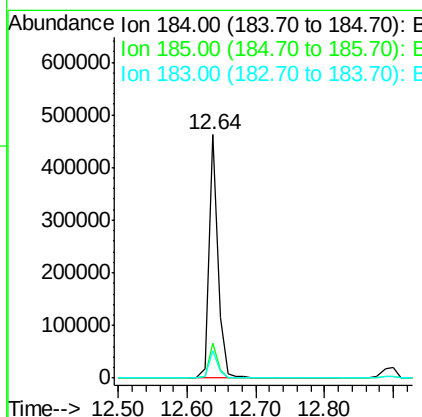
RT: 12.64 min Scan# 923

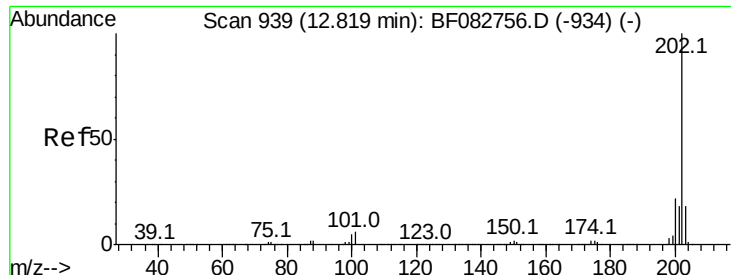
Delta R.T. -0.07 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.0	18.0
183	11.1	9.6	14.4





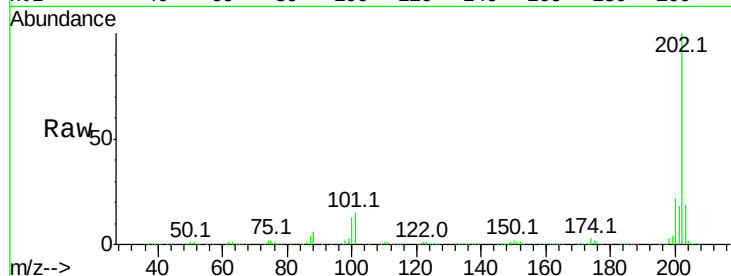
#77
Pvrene
Concen: 34.69 ng
RT: 12.74 min Scan# 932
Delta R.T. -0.07 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

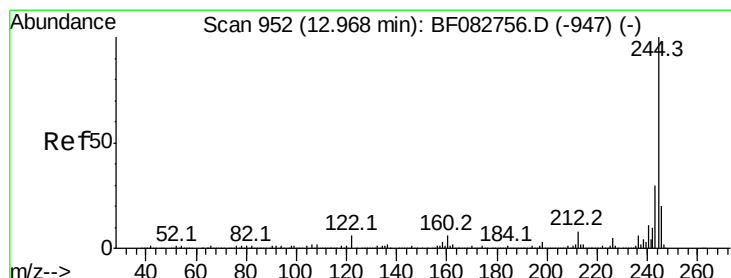
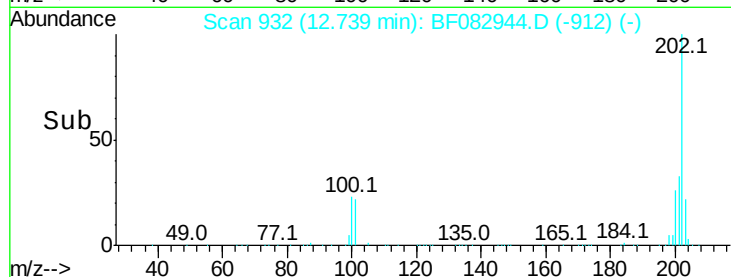
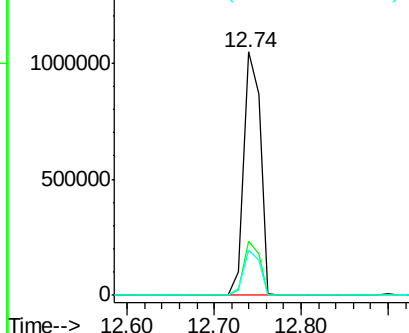
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.7	28.1
203	18.6	14.8	22.2

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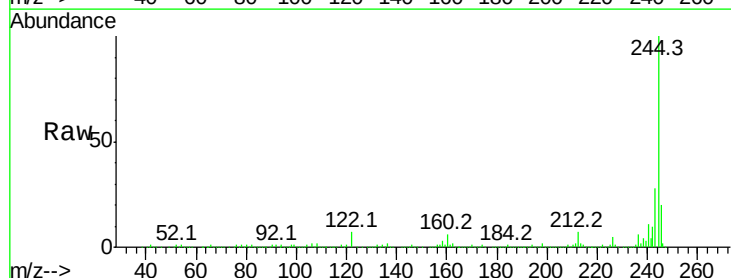


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

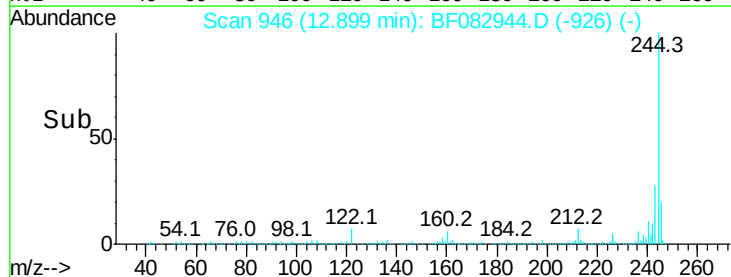
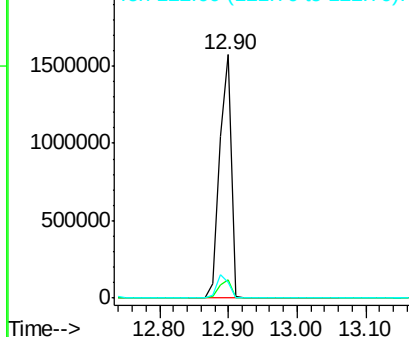


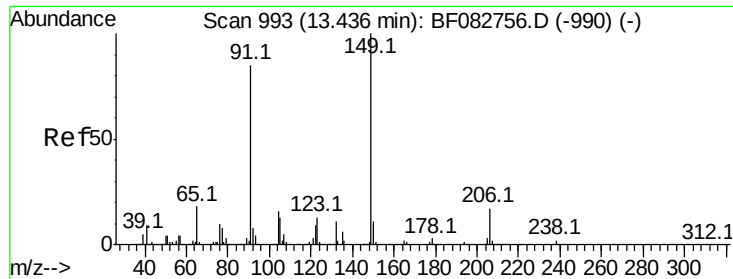
#78
Terphenyl-d14
Concen: 76.06 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.07 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	7.6	11.4#
122	6.7	11.3	16.9#



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: 36.28 ng

RT: 13.37 min Scan# 987

Delta R.T. -0.07 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Instrument :

BNA_F

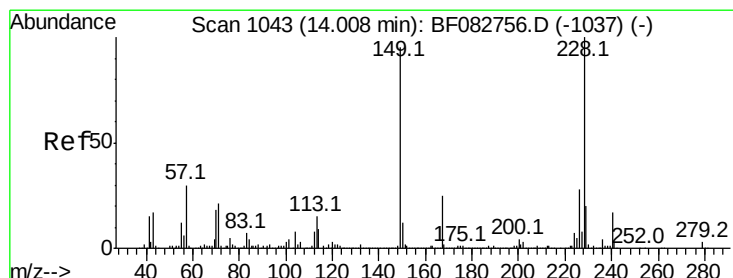
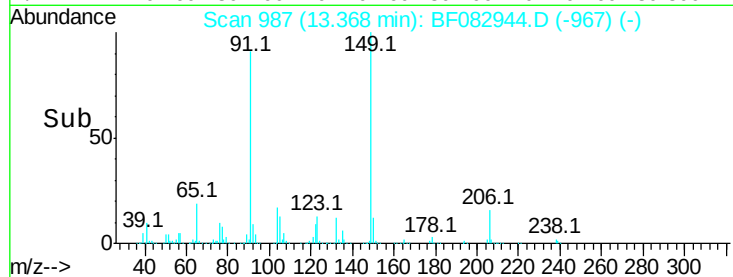
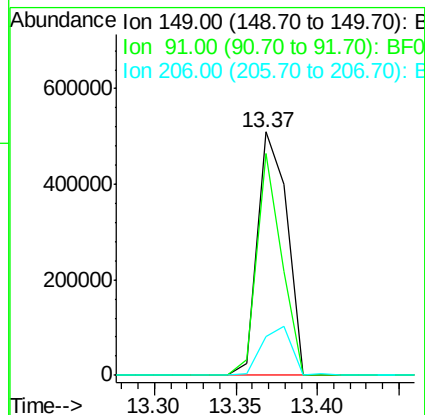
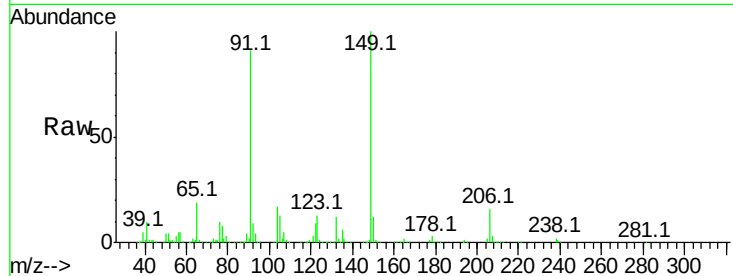
ClientSampleId :

PB86620BSD

Tot Ion:	149	Resp:	643821
Ion Ratio	Lower	Upper	
149	100		
91	91.1	67.7	101.5
206	16.1	14.6	22.0

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#80

Benzo(a)anthracene

Concen: 34.32 ng

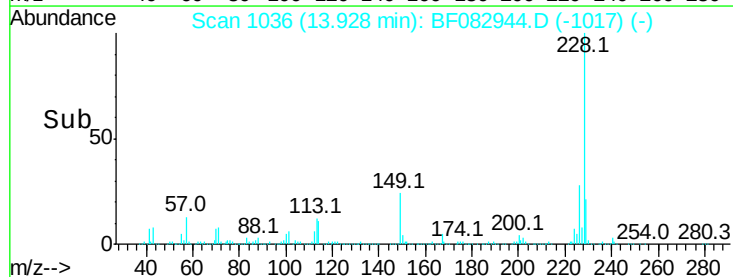
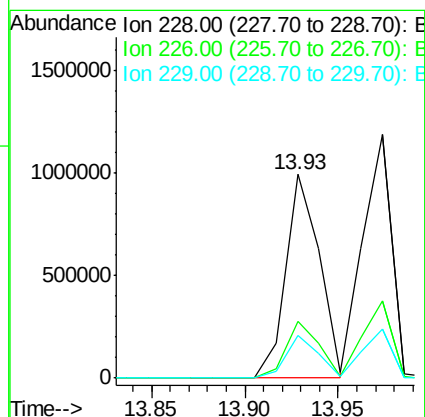
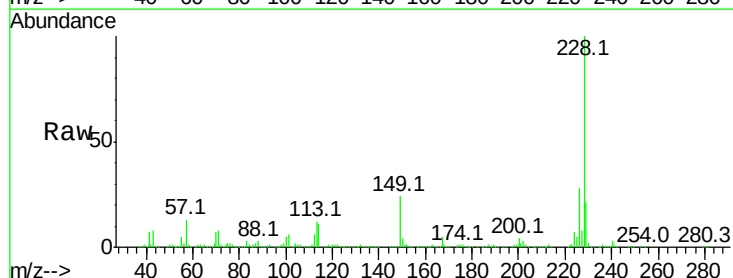
RT: 13.93 min Scan# 1036

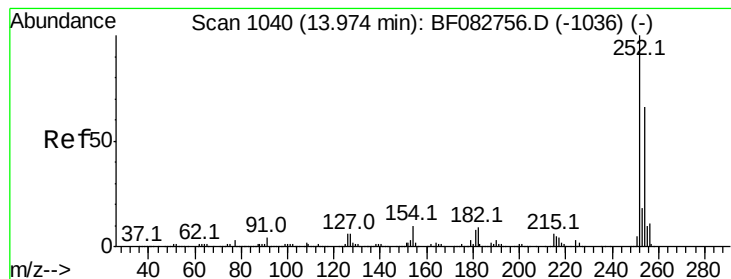
Delta R.T. -0.08 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Tgt Ion:	228	Resp:	1255431
Ion Ratio	Lower	Upper	
228	100		
226	27.9	23.4	35.2
229	21.0	16.3	24.5





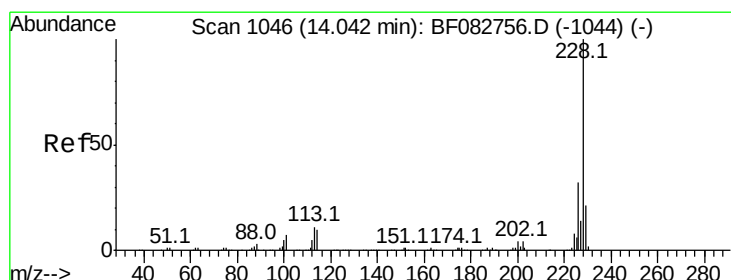
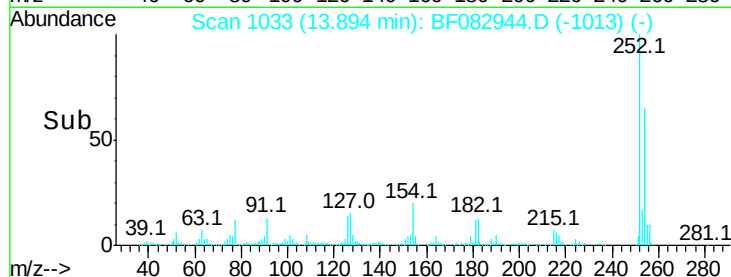
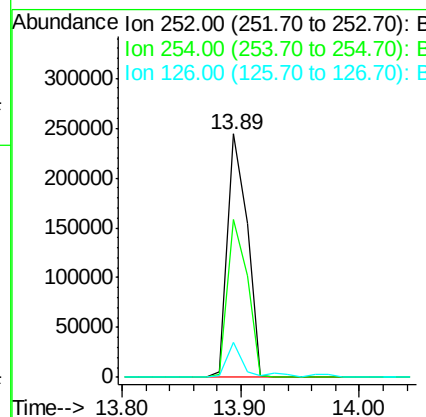
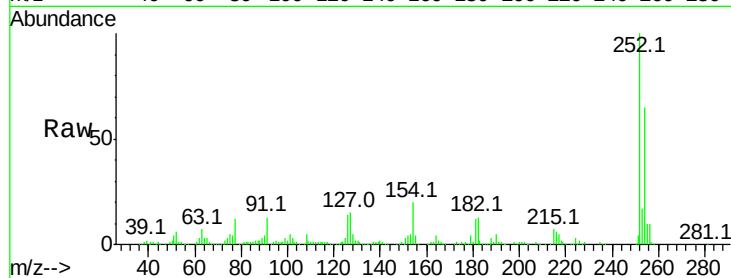
#81
 3,3'-Dichlorobenzidine
 Concen: 21.56 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.07 min
 Lab File: BF082944.D
 Acq: 16 Nov 2015 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	280326		
254	64.9	51.4	77.0	
126	14.5	10.7	16.1	

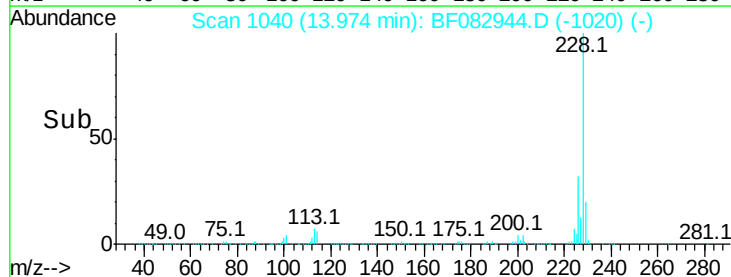
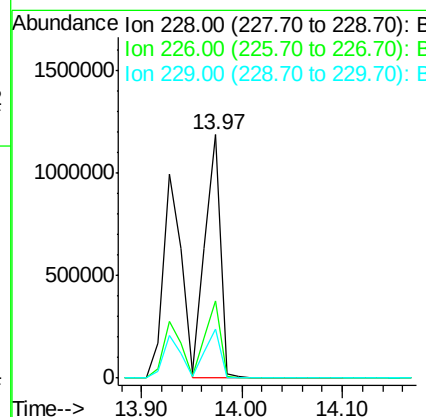
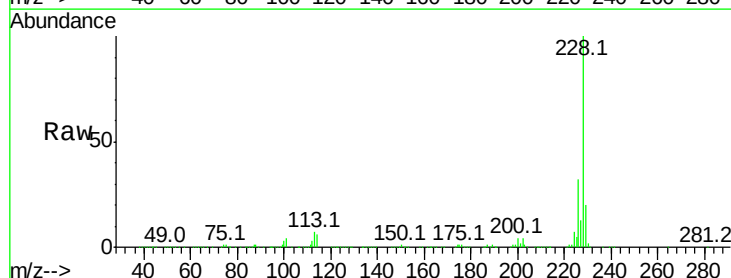
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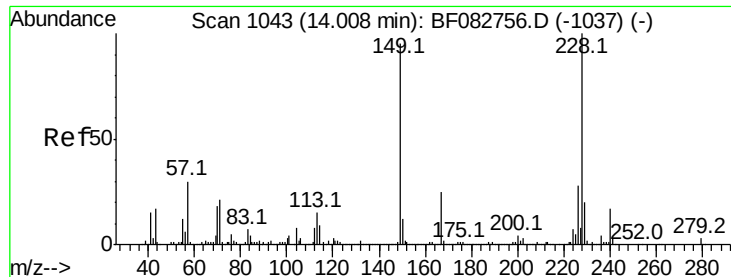
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#82
 Chrysene
 Concen: 37.89 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.07 min
 Lab File: BF082944.D
 Acq: 16 Nov 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1269458		
226	31.7	25.5	38.3	
229	20.3	16.3	24.5	





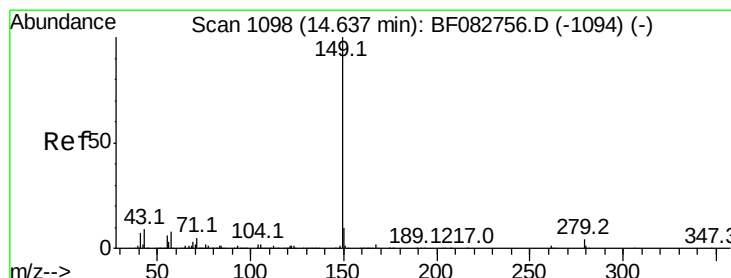
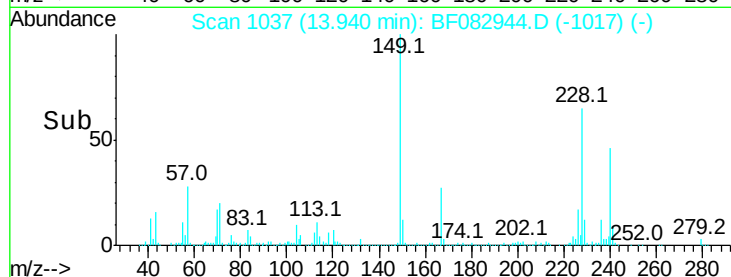
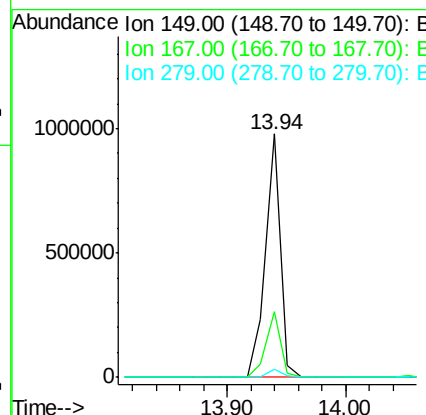
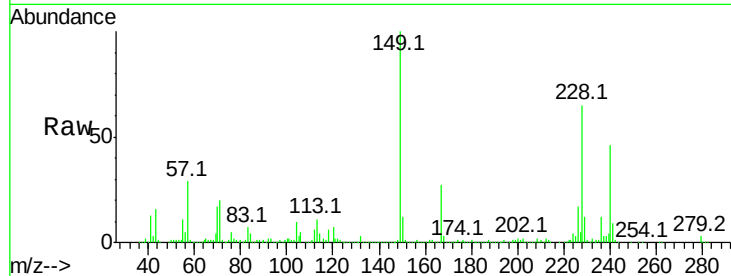
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.02 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.07 min
 Lab File: BF082944.D
 Acq: 16 Nov 2015 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	875006		
167	27.0		21.2	31.8
279	3.2		2.2	3.2

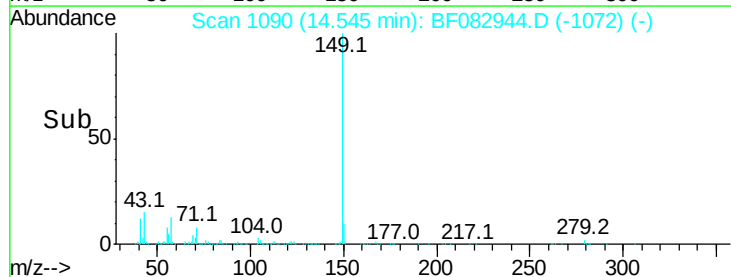
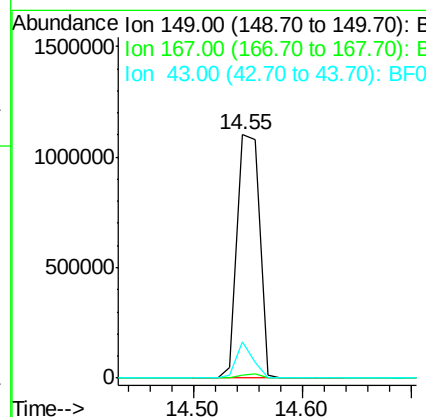
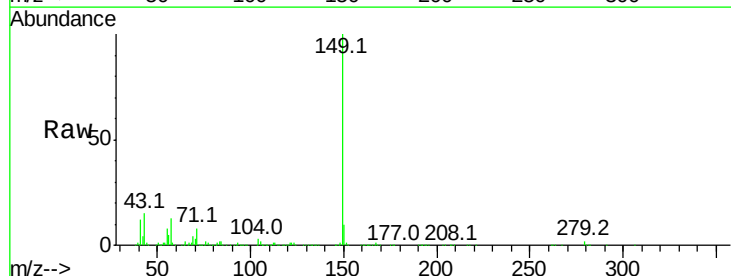
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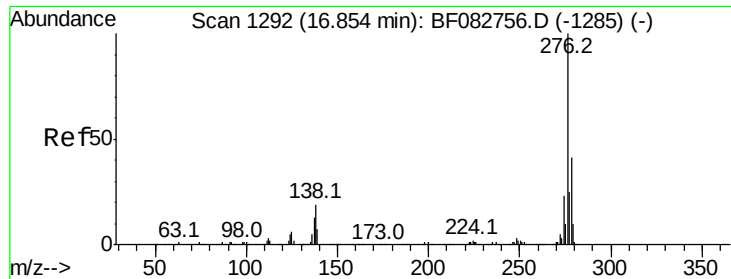
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#84
 Di-n-octyl phthalate
 Concen: 38.13 ng
 RT: 14.55 min Scan# 1090
 Delta R.T. -0.09 min
 Lab File: BF082944.D
 Acq: 16 Nov 2015 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1544965		
167	1.7		1.3	1.9
43	11.0		10.1	15.1





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.07 ng

RT: 16.71 min Scan# 1279

Delta R.T. -0.15 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Instrument :

BNA_F

ClientSampleId :

PB86620BSD

Tot Ion:276 Resp: 1040642

Ion Ratio Lower Upper

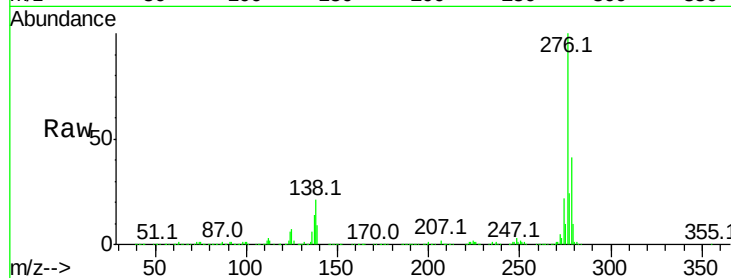
276 100

138 22.9 15.3 22.9#

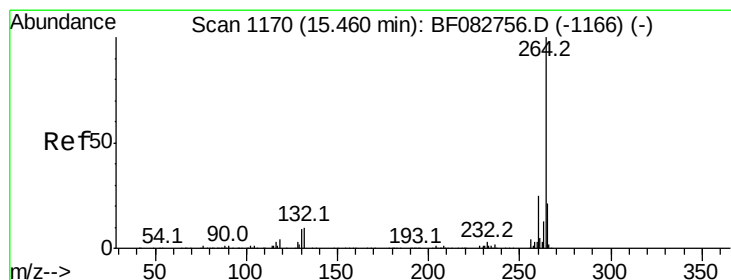
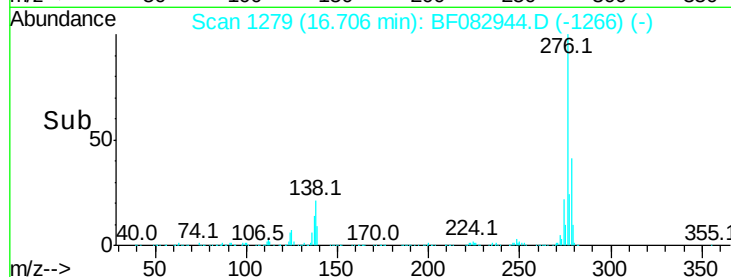
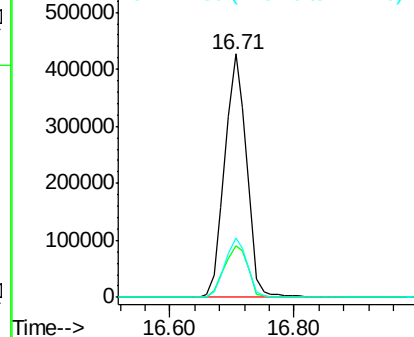
277 24.8 20.2 30.4

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.10 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

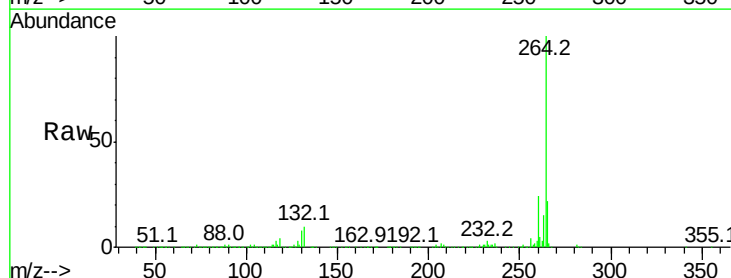
Tgt Ion:264 Resp: 599246

Ion Ratio Lower Upper

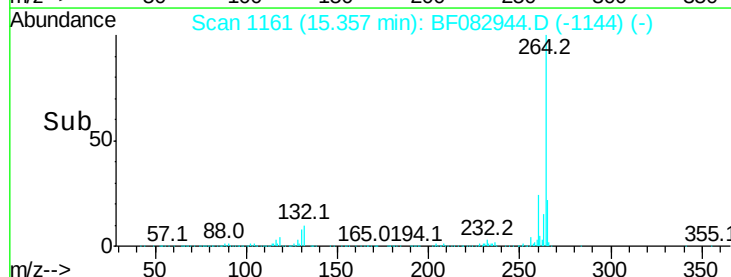
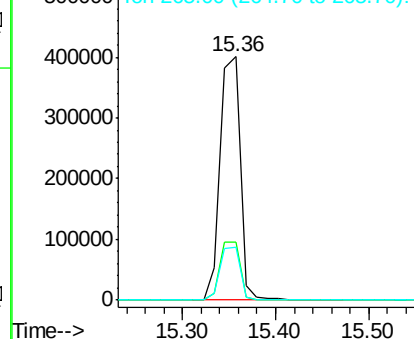
264 100

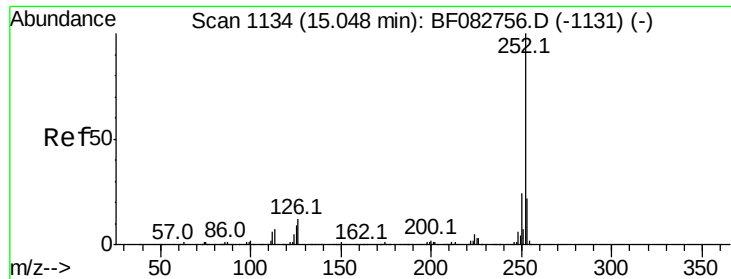
260 23.9 19.8 29.6

265 22.0 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 30.38 ng

RT: 14.96 min Scan# 1126

Delta R.T. -0.09 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Instrument :

BNA_F

ClientSampleId :

PB86620BSD

Tot Ion:252 Resp: 1168556

Ion Ratio Lower Upper

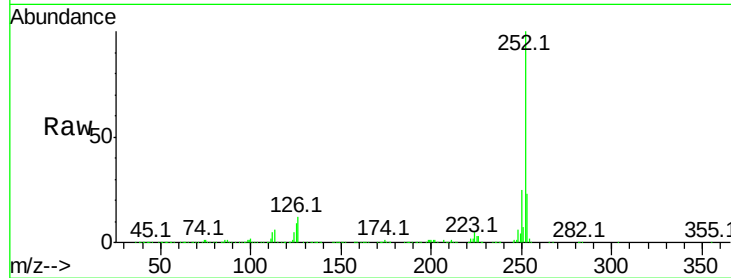
252 100

253 23.0 17.8 26.8

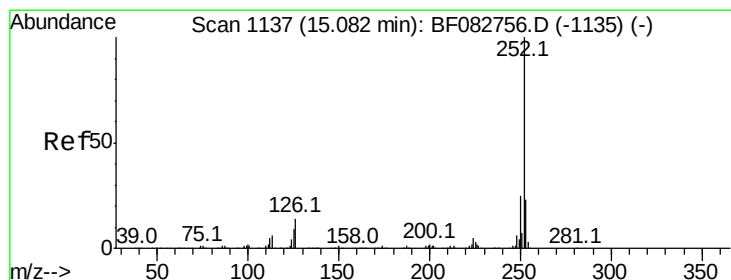
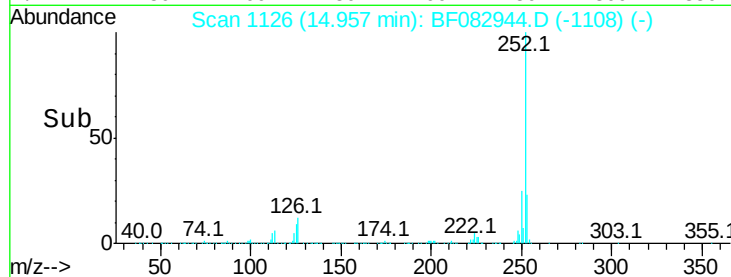
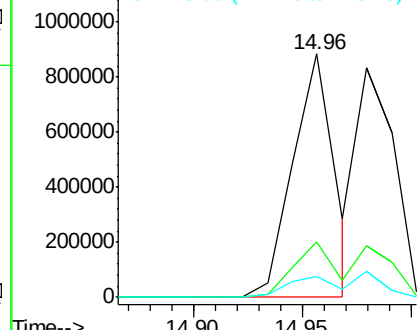
125 8.5 5.4 8.2#

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



#88

Benzo(k)fluoranthene

Concen: 29.72 ng m

RT: 14.98 min Scan# 1128

Delta R.T. -0.10 min

Lab File: BF082944.D

Acq: 16 Nov 2015 18:02

Tgt Ion:252 Resp: 1014171

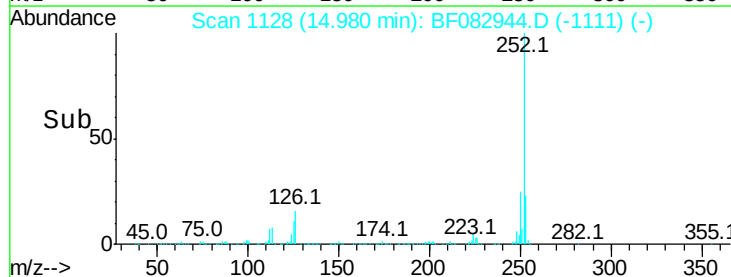
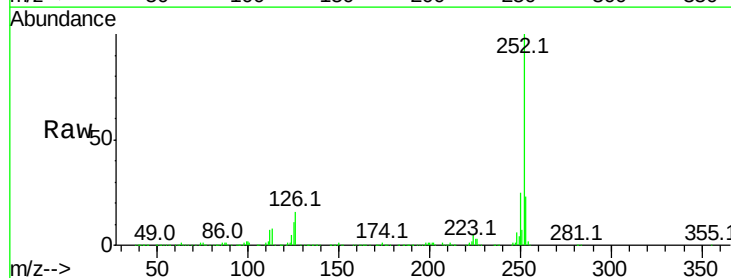
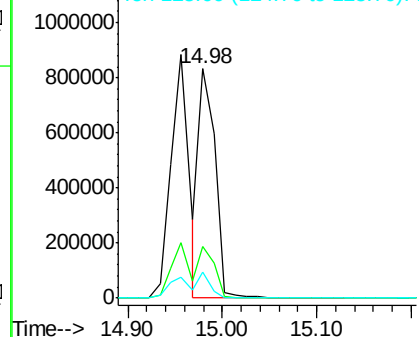
Ion Ratio Lower Upper

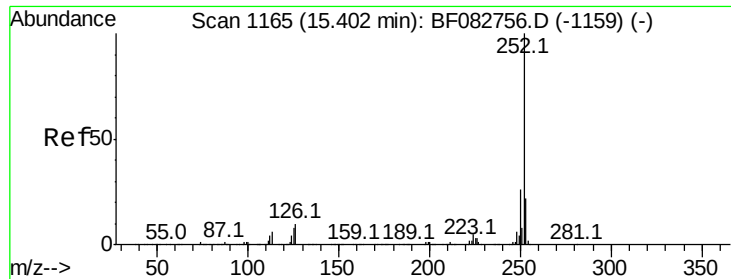
252 100

253 22.7 17.9 26.9

125 11.2 3.5 5.3#

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





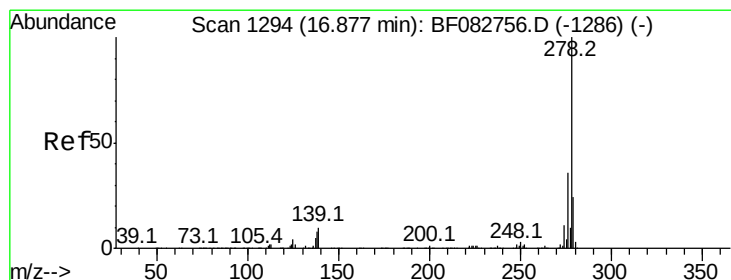
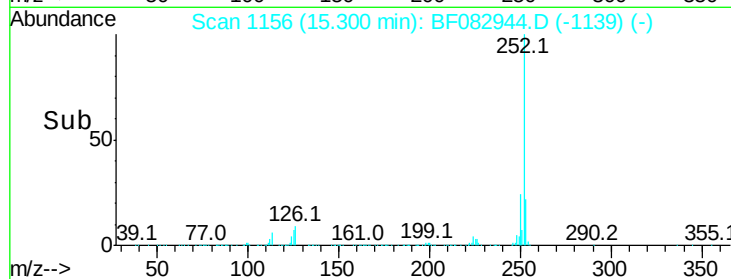
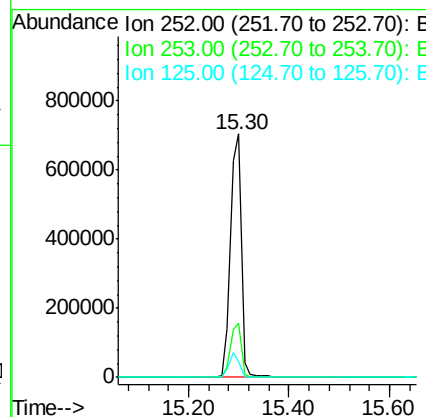
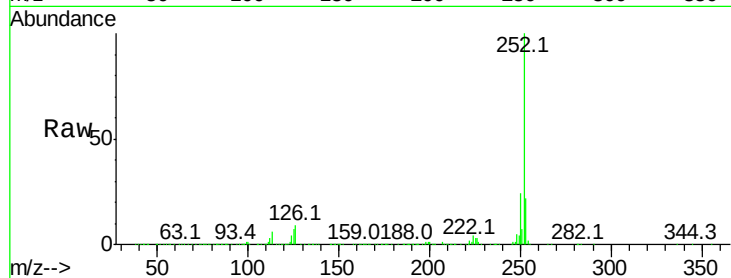
#89
Benzo(a)pyrene
Concen: 31.95 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.10 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	6.7	7.1	10.7

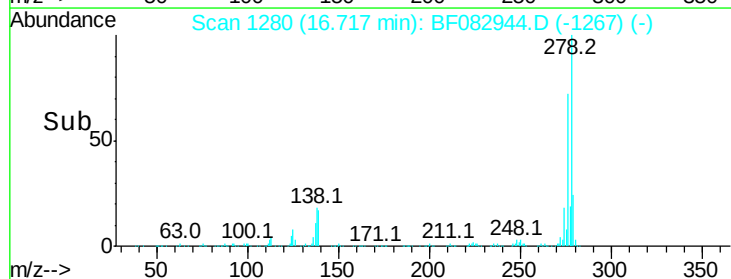
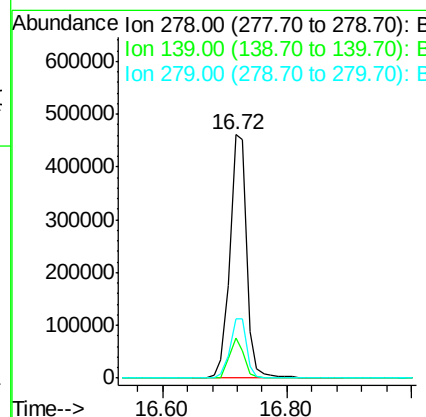
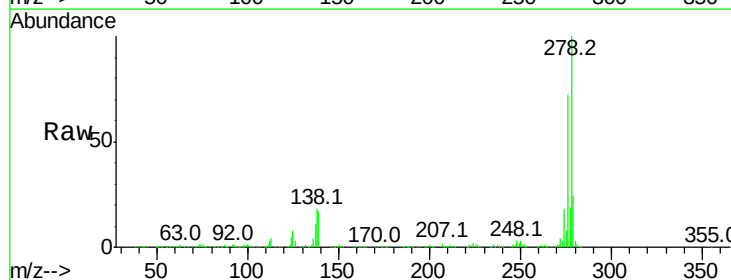
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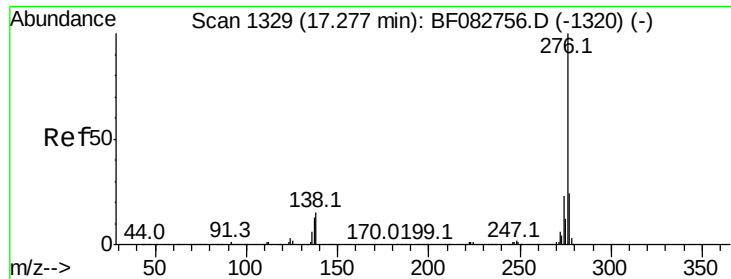
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#90
Dibenzo(a,h)anthracene
Concen: 30.79 ng
RT: 16.72 min Scan# 1280
Delta R.T. -0.15 min
Lab File: BF082944.D
Acq: 16 Nov 2015 18:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	9.9	14.9
279	24.4	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 31.71 ng
 RT: 17.12 min Scan# 1315
 Delta R.T. -0.15 min
 Lab File: BF082944.D
 Acq: 16 Nov 2015 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.2	28.8
138	18.1	13.1	19.7

Manual Integrations
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