

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110315\
 Data File : BF082667.D
 Acq On : 3 Nov 2015 18:21
 Operator : UM/IZ
 Sample : PB86400BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86400BS

Manual Integrations
 APPROVED

Mmdadoda
 11/4/2015 5:26:16 PM

Quant Time: Nov 04 03:54:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	174128	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	674338	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	344471	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	656497	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	554365	20.00	ng	0.00
86) Perylene-d12	15.49	264	488344	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1068181	92.39	ng	0.01
7) Phenol-d6	6.51	99	1487601	96.85	ng	0.00
23) Nitrobenzene-d5	7.44	82	1003685	60.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	441030	116.99	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1590304	65.55	ng	-0.01
78) Terphenyl-d14	12.99	244	1787520	70.57	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	148703	27.82	ng	97
3) Pyridine	3.28	79	401150	25.60	ng	99
4) n-Nitrosodimethylamine	3.21	42	214252	24.29	ng	91
6) Aniline	6.53	93	419890	19.63	ng	99
8) 2-Chlorophenol	6.66	128	391643	31.31	ng	# 79
9) Benzaldehyde	6.42	77	133419	12.72	ng	85
10) Phenol	6.52	94	606337	34.84	ng	92
11) bis(2-Chloroethyl)ether	6.61	93	437169	34.05	ng	88
12) 1,3-Dichlorobenzene	6.82	146	452672m	31.73	ng	
13) 1,4-Dichlorobenzene	6.90	146	456429m	32.26	ng	
14) 1,2-Dichlorobenzene	7.05	146	411306	31.32	ng	95
15) Benzyl Alcohol	7.01	79	413287	28.86	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	616156	30.20	ng	97
17) 2-Methylphenol	7.14	107	342114	32.17	ng	93
18) Hexachloroethane	7.40	117	166340	30.13	ng	# 77
19) n-Nitroso-di-n-propylamine	7.30	70	352772	30.30	ng	# 81
20) 3+4-Methylphenols	7.29	107	454055	32.85	ng	94
22) Acetophenone	7.29	105	599498	30.20	ng	# 88
24) Nitrobenzene	7.46	77	524005	31.39	ng	92
25) Isophorone	7.70	82	858951	28.27	ng	98
26) 2-Nitrophenol	7.78	139	214975	35.26	ng	# 76
27) 2,4-Dimethylphenol	7.82	122	395081	33.19	ng	91
28) bis(2-Chloroethoxy)methane	7.92	93	544216	32.75	ng	98
29) 2,4-Dichlorophenol	8.02	162	342869	31.60	ng	89
30) 1,2,4-Trichlorobenzene	8.11	180	385105	31.98	ng	95
31) Naphthalene	8.19	128	1203487	32.98	ng	98
32) Benzoic acid	7.93	122	242312	28.06	ng	93
33) 4-Chloroaniline	8.24	127	185011	11.88	ng	# 84
34) Hexachlorobutadiene	8.32	225	252424	32.96	ng	98
35) Caprolactam	8.59	113	106681	32.05	ng	94
36) 4-Chloro-3-methylphenol	8.72	107	409612	32.06	ng	95
37) 2-Methylnaphthalene	8.88	142	730983	30.91	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	368273	32.04	ng	98
40) Hexachlorocyclopentadiene	9.05	237	493213	68.25	ng	96

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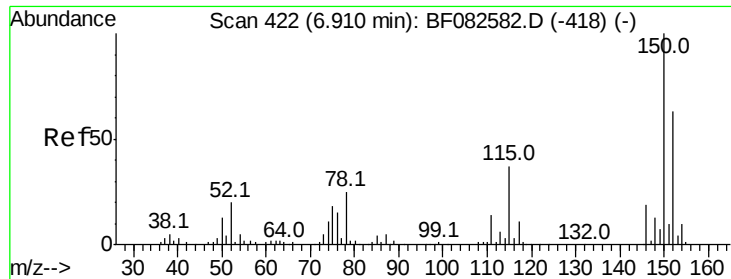
Manual Integrations
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Quant Time: Nov 04 03:54:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	268056	32.30	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	286814	34.68	nq #	89
45) 1,1'-Biphenyl	9.34	154	993884	34.16	nq	97
46) 2-Chloronaphthalene	9.37	162	753202	33.15	nq	97
47) 2-Nitroaniline	9.46	65	297474	33.68	nq #	81
48) Acenaphthylene	9.78	152	1143214	31.46	nq	99
49) Dimethylphthalate	9.64	163	903378	32.11	nq	100
50) 2,6-Dinitrotoluene	9.70	165	183361	31.45	nq #	86
51) Acenaphthene	9.96	154	858677	37.22	nq	92
52) 3-Nitroaniline	9.87	138	126842	19.55	nq #	66
53) 2,4-Dinitrophenol	9.97	184	231687	75.04	nq #	27
54) Dibenzofuran	10.13	168	1104513	35.28	nq #	88
55) 4-Nitrophenol	10.03	139	365403	74.86	nq	90
56) 2,4-Dinitrotoluene	10.10	165	263583	33.43	nq #	84
57) Fluorene	10.46	166	817069	32.36	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	252583	36.14	nq #	86
59) Diethylphthalate	10.35	149	965439	33.71	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	430777	35.10	nq	90
61) 4-Nitroaniline	10.48	138	176891	28.57	nq	90
62) Azobenzene	10.62	77	1109574	34.35	nq	94
64) 4,6-Dinitro-2-methylphenol	10.51	198	154925	39.13	nq #	71
65) n-Nitrosodiphenylamine	10.58	169	696309	30.85	nq	99
66) 4-Bromophenyl-phenylether	10.96	248	273885	36.81	nq #	91
67) Hexachlorobenzene	11.02	284	294026	35.64	nq #	63
68) Atrazine	11.10	200	250720	33.96	nq	98
69) Pentachlorophenol	11.21	266	346657	63.73	nq	99
70) Phenanthrene	11.42	178	1289581	34.83	nq	99
71) Anthracene	11.48	178	1380025	37.02	nq	99
72) Carbazole	11.63	167	1048570	32.29	nq	99
73) Di-n-butylphthalate	11.97	149	1417421	34.29	nq	99
74) Fluoranthene	12.61	202	1270558	33.57	nq	98
76) Benzidine	12.74	184	620301	24.81	nq	99
77) Pyrene	12.84	202	1272121	30.99	nq	98
79) Butylbenzylphthalate	13.47	149	621559	34.57	nq	96
80) Benzo(a)anthracene	14.04	228	1225835	34.81	nq	98
81) 3,3'-Dichlorobenzidine	14.00	252	235566	19.41	nq	98
82) Chrysene	14.08	228	1158824	36.31	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	912727	39.16	nq	100
84) Di-n-octyl phthalate	14.66	149	1430741	39.35	nq	97
85) Indeno(1,2,3-cd)pyrene	16.91	276	1005080	38.16	nq	99
87) Benzo(b)fluoranthene	15.08	252	951017	28.24	nq	99
88) Benzo(k)fluoranthene	15.12	252	970087m	37.81	nq	
89) Benzo(a)pyrene	15.44	252	900343	33.95	nq	98
90) Dibenzo(a,h)anthracene	16.93	278	832390	33.64	nq	99
91) Benzo(g,h,i)perylene	17.33	276	810766	33.81	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB86400BS

Tot Ion:152 Resp: 174128

Ion Ratio Lower Upper

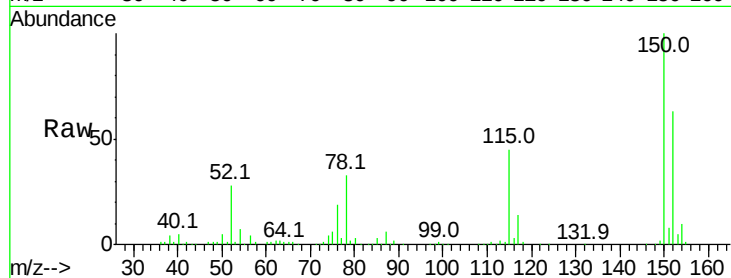
152 100

150 158.2 127.0 190.4

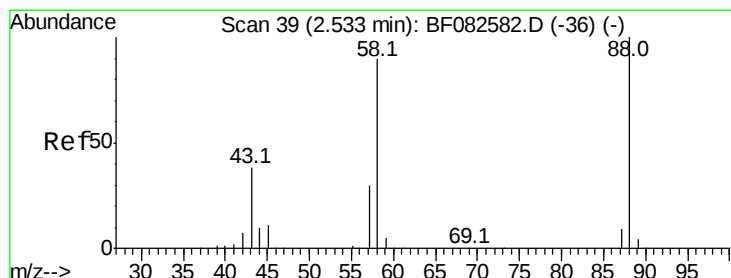
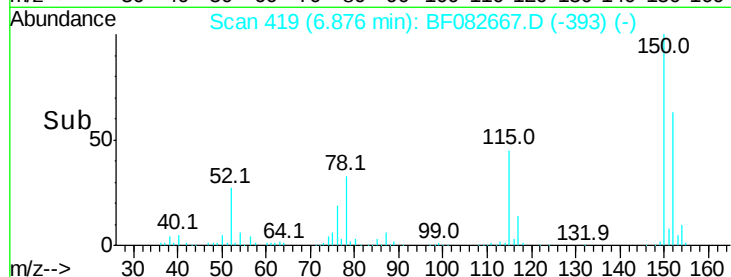
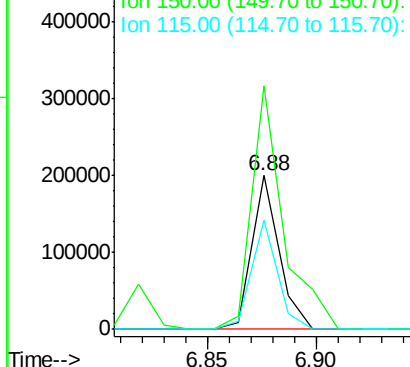
115 71.2 47.0 70.6#

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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



#2

1,4-Dioxane

Concen: 27.82 ng

RT: 2.56 min Scan# 41

Delta R.T. 0.09 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

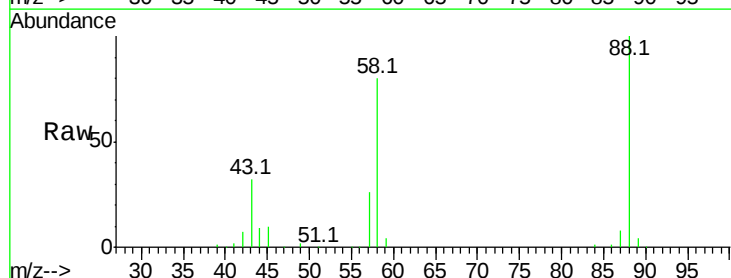
Tgt Ion: 88 Resp: 148703

Ion Ratio Lower Upper

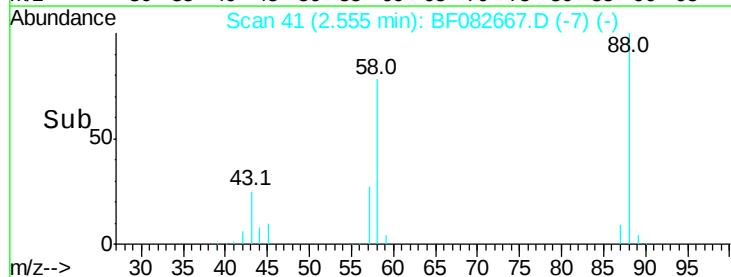
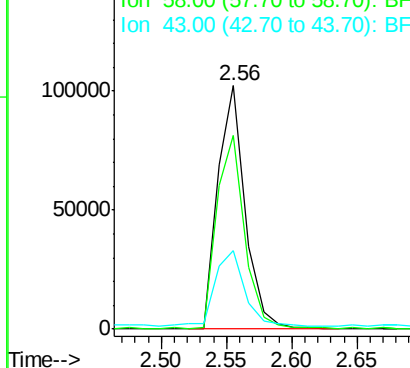
88 100

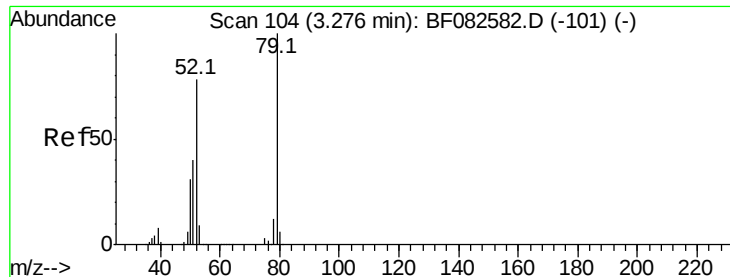
58 80.5 62.0 93.0

43 34.3 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: 25.60 ng

RT: 3.28 min Scan# 104

Delta R.T. 0.08 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

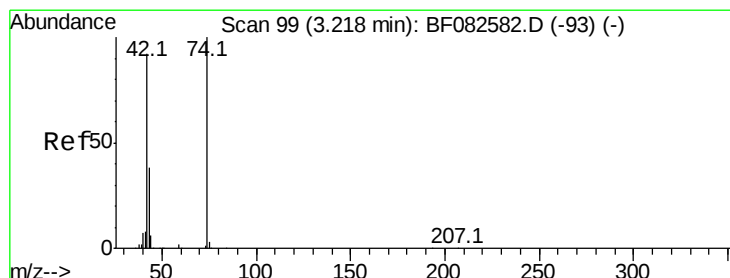
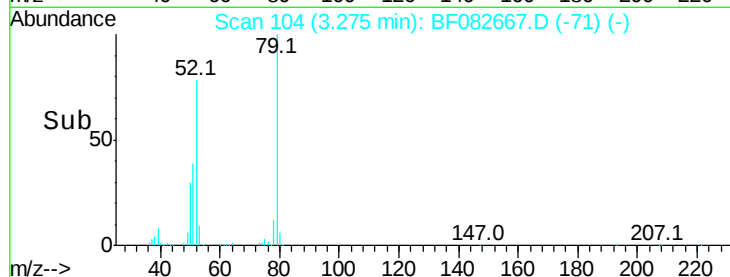
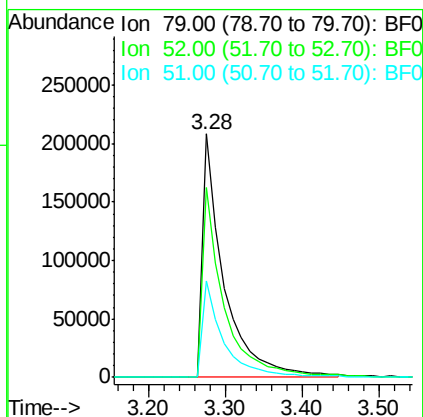
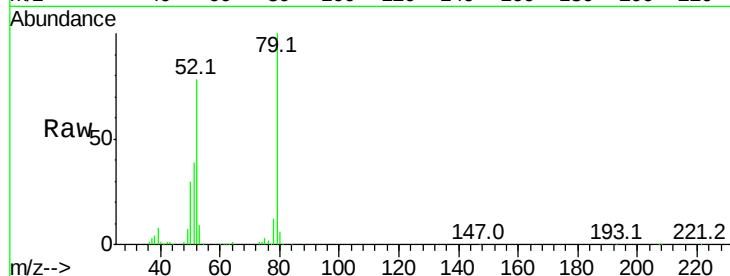
ClientSampleId :

PB86400BS

Tot Ion:	79	Resp:	401150
Ion Ratio	Lower	Upper	
79	100		
52	78.2	62.8	94.2
51	39.4	32.0	48.0

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#4

n-Nitrosodimethylamine

Concen: 24.29 ng

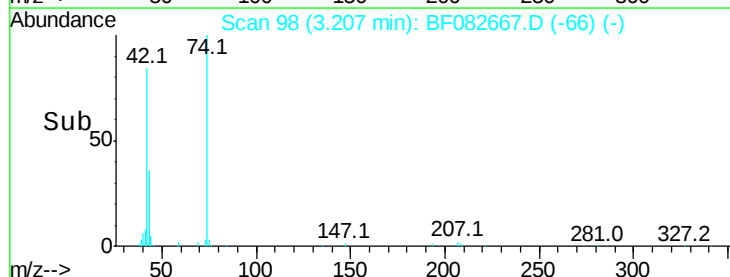
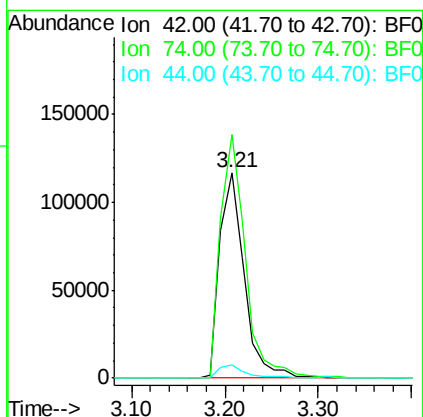
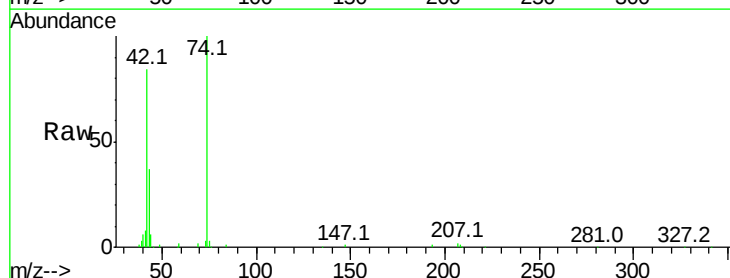
RT: 3.21 min Scan# 98

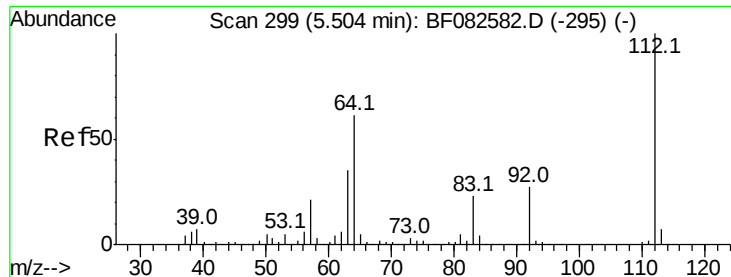
Delta R.T. 0.07 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Tgt Ion:	42	Resp:	214252
Ion Ratio	Lower	Upper	
42	100		
74	118.4	87.0	130.4
44	6.7	5.8	8.8





#5

2-Fluorophenol

Concen: 92.39 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

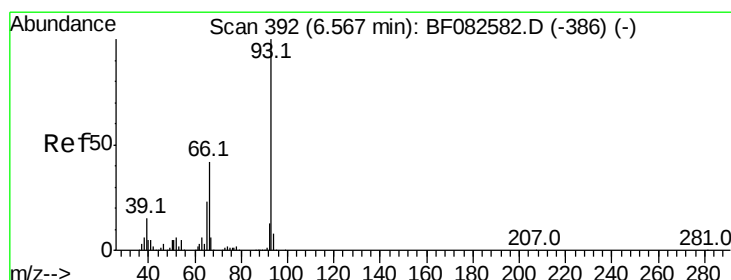
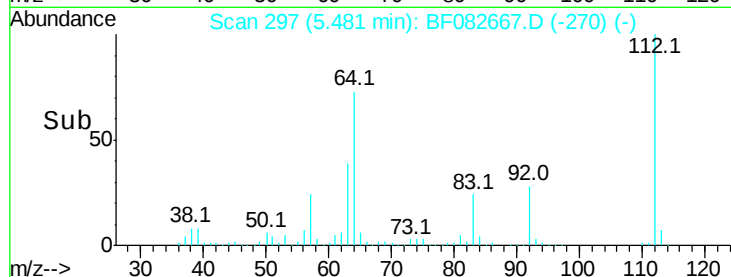
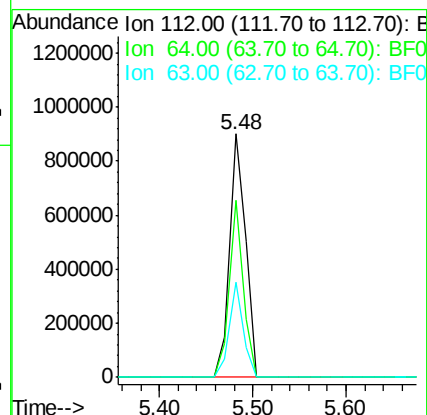
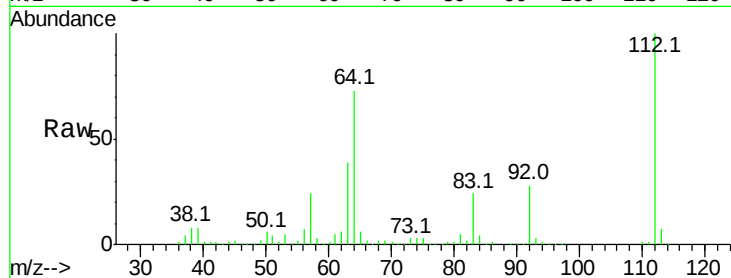
ClientSampleId :

PB86400BS

Tot Ion:	112	Resp:	1068181
Ion Ratio	Lower	Upper	
112	100		
64	72.5	48.9	73.3
63	39.0	28.1	42.1

Manual Integrations
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#6

Aniline

Concen: 19.63 ng

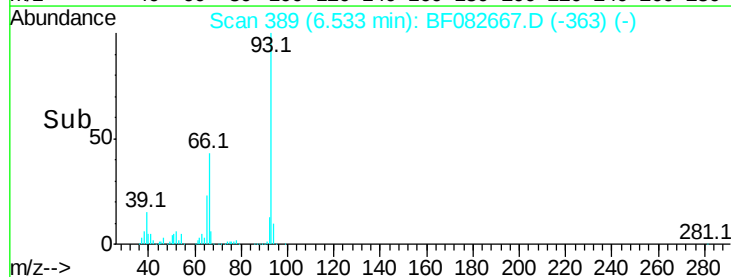
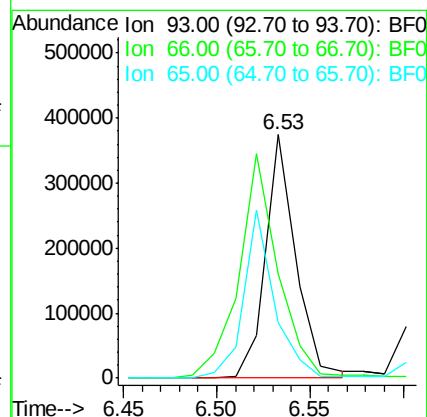
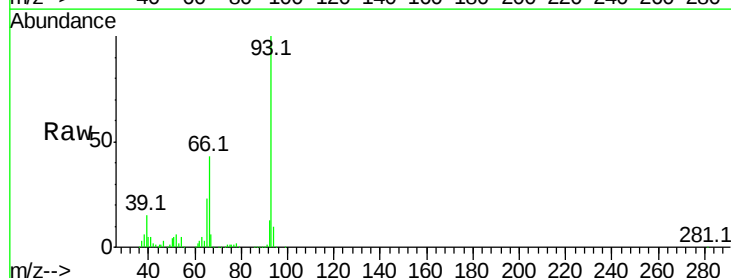
RT: 6.53 min Scan# 389

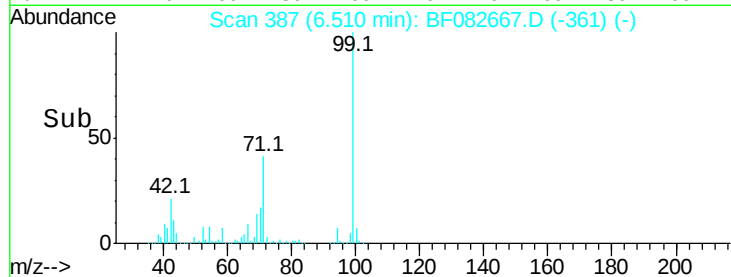
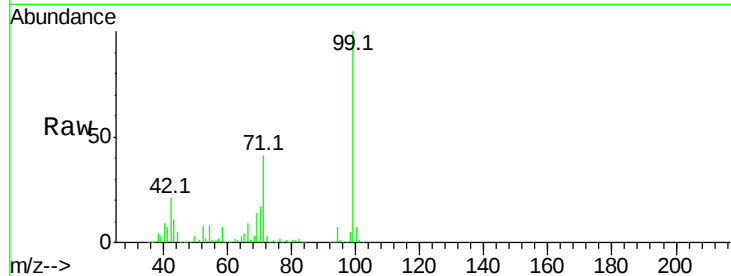
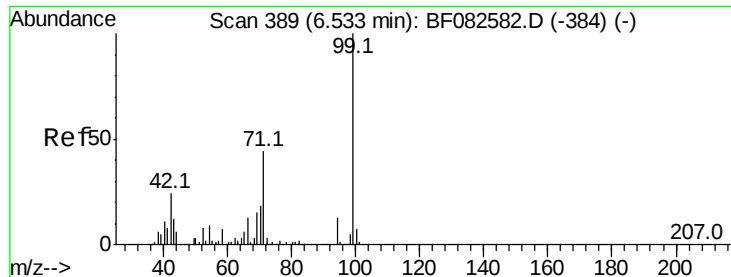
Delta R.T. -0.00 min

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Acq: 3 Nov 2015 18:21

Tgt Ion:	93	Resp:	419890
Ion Ratio	Lower	Upper	
93	100		
66	42.7	33.6	50.4
65	22.5	18.1	27.1





#7

Phenol-d6

Concen: 96.85 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB86400BS

Tot Ion: 99 Resp: 1487601

Ion Ratio Lower Upper

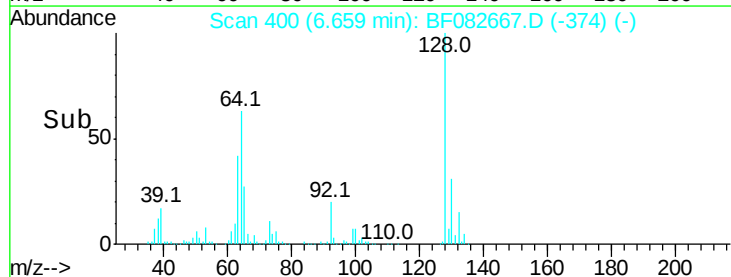
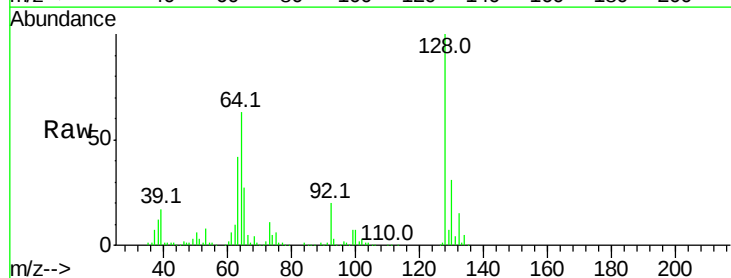
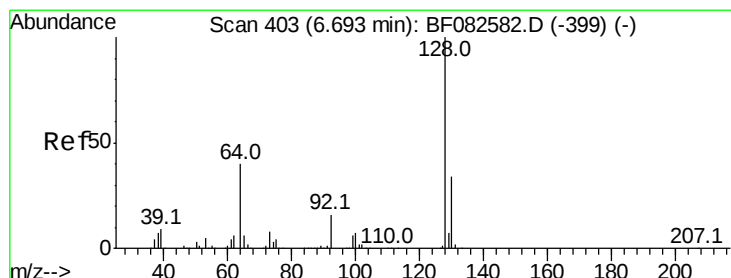
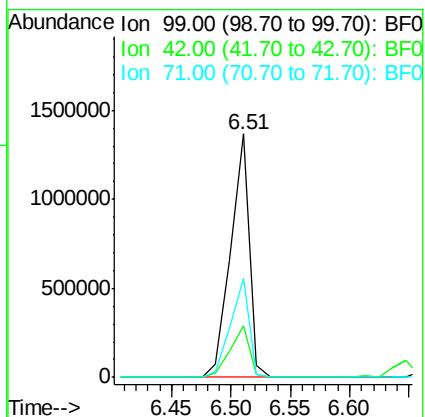
99 100

42 21.2 19.2 28.8

71 40.7 35.0 52.4

Manual Integrations
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#8

2-Chlorophenol

Concen: 31.31 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

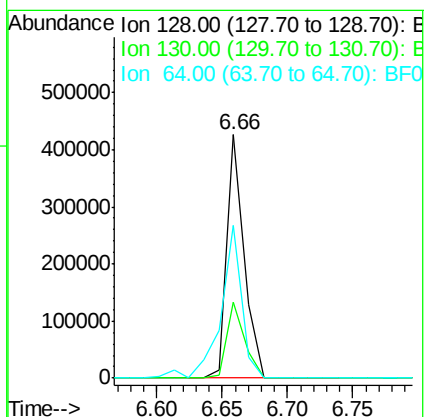
Tgt Ion:128 Resp: 391643

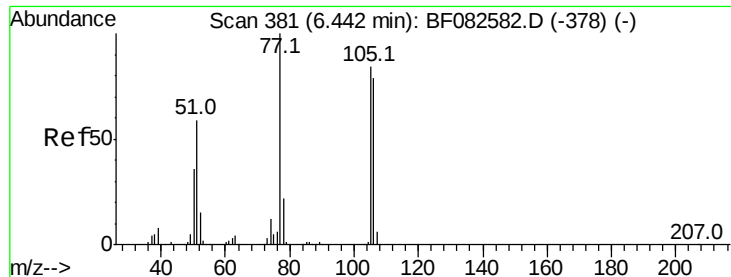
Ion Ratio Lower Upper

128 100

130 31.4 13.5 53.5

64 62.8 21.1 61.1#





#9

Benzaldehyde

Concen: 12.72 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

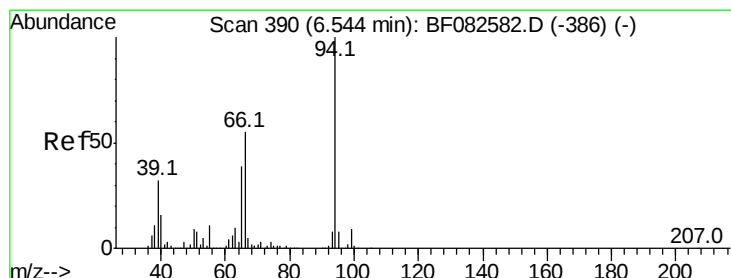
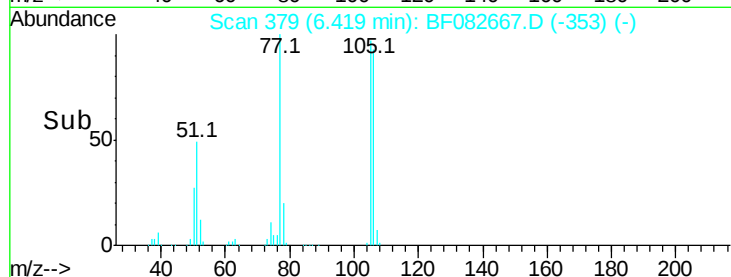
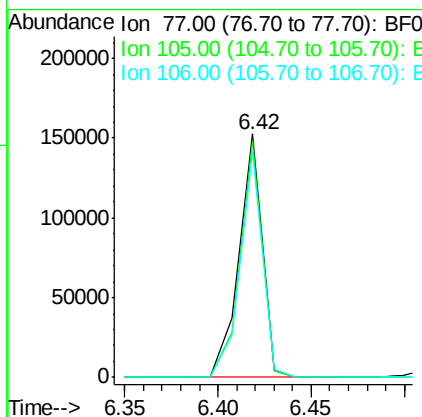
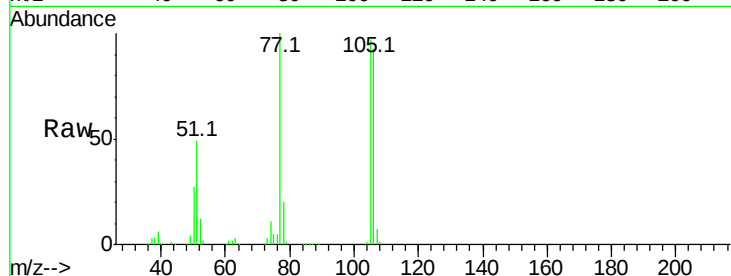
ClientSampleId :

PB86400BS

Manual Integrations
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Tot Ion	Ratio	Lower	Upper
77	100		
105	96.9	63.5	103.5
106	92.8	59.3	99.3



#10

Phenol

Concen: 34.84 ng

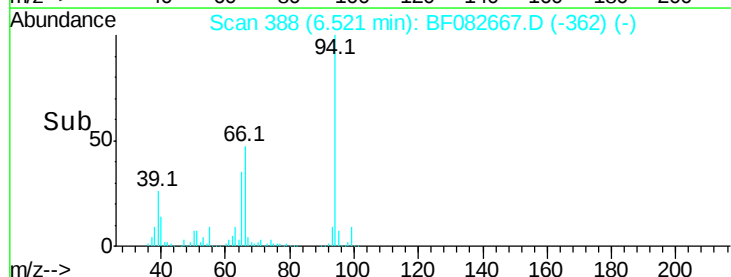
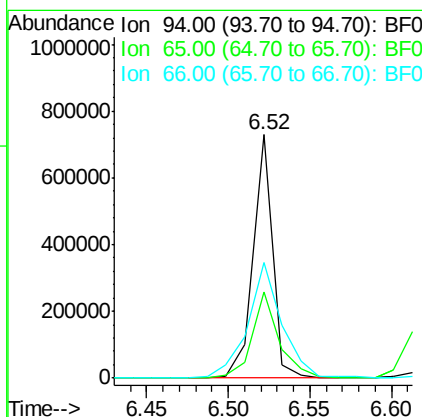
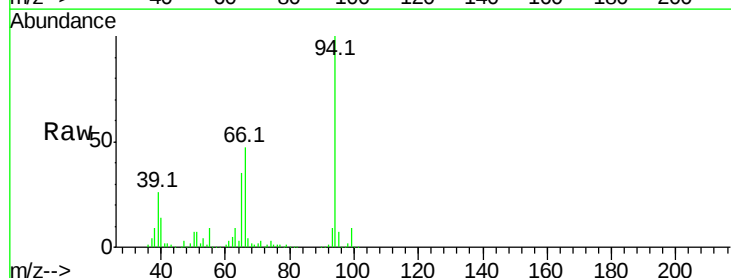
RT: 6.52 min Scan# 388

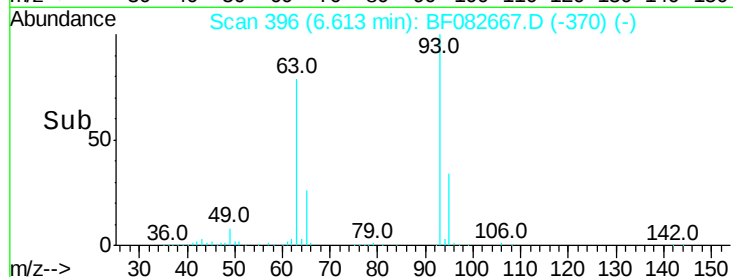
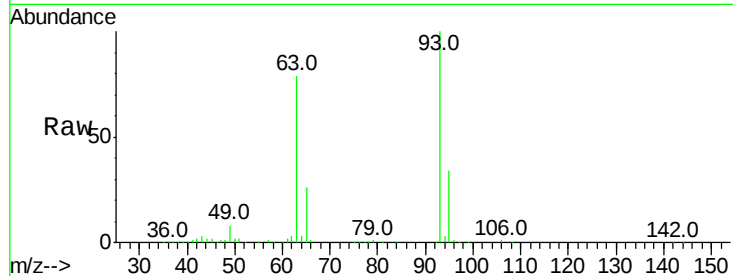
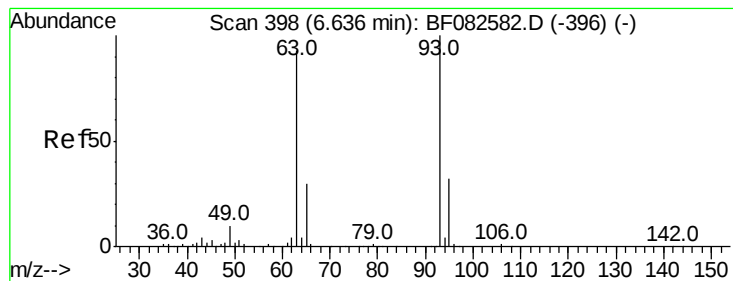
Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.4	18.9	58.9
66	47.4	34.9	74.9





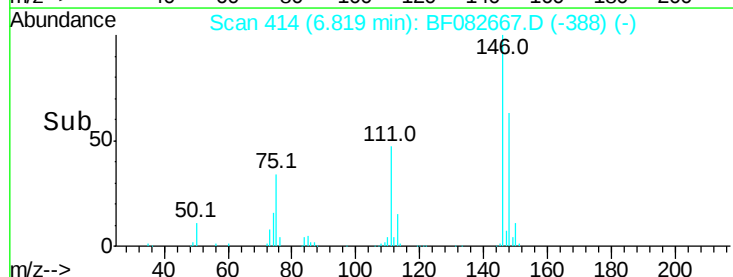
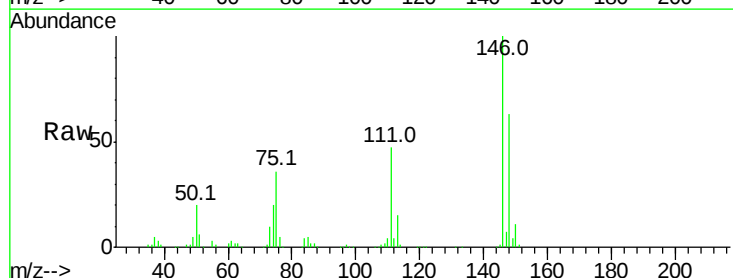
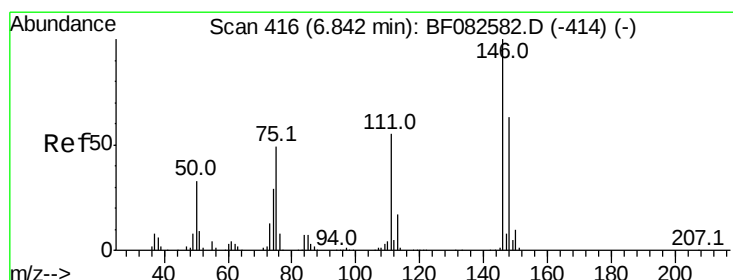
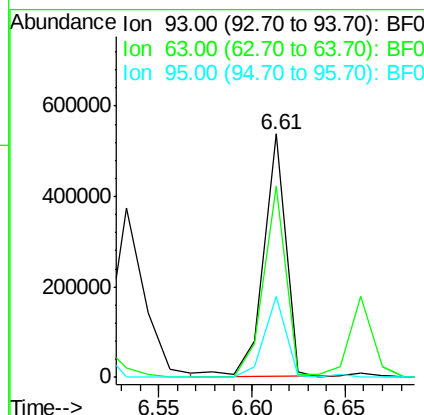
#11
bis(2-Chloroethyl)ether
Concen: 34.05 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.7	72.7	112.7
95	33.5	12.0	52.0

Instrument :
BNA_F
ClientSampleId :
PB86400BS

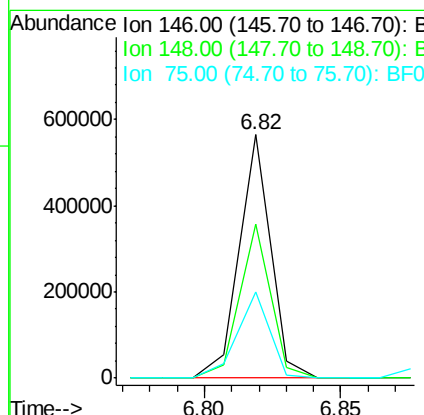
Manual Integrations
APPROVED

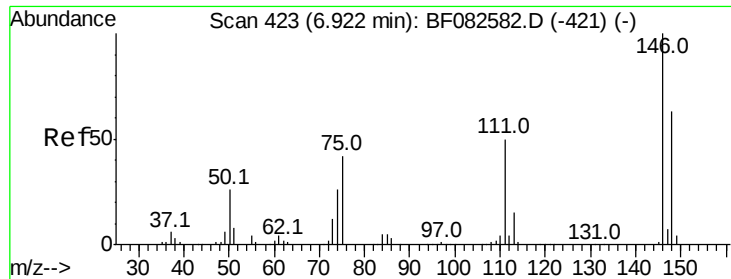
Mmdadoda
11/4/2015 5:26:16 PM



#12
1,3-Dichlorobenzene
Concen: 31.73 ng m
RT: 6.82 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.5	75.7
75	35.6	39.5	59.3#





#13

1,4-Dichlorobenzene

Concen: 32.26 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

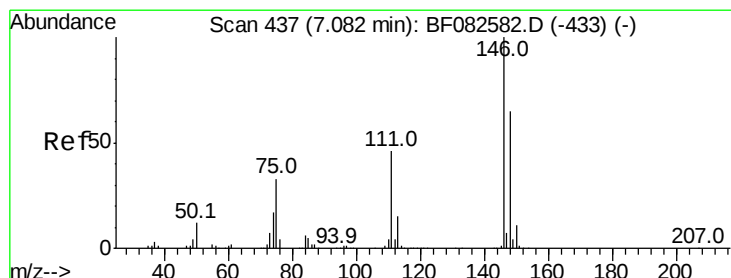
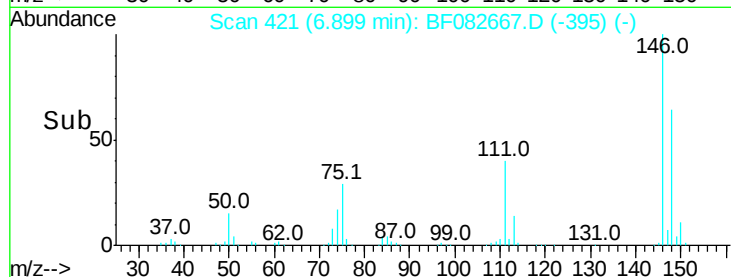
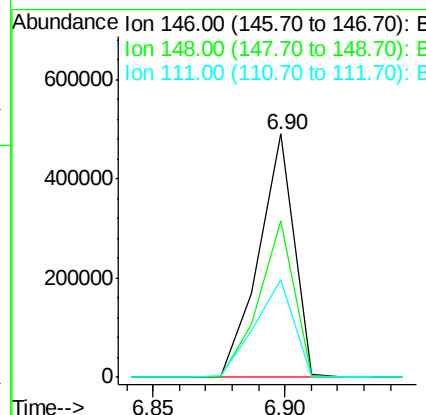
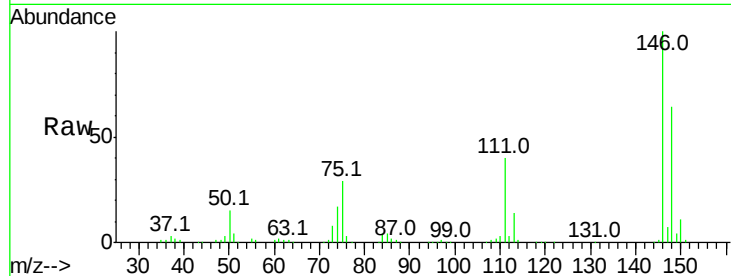
ClientSampleId :

PB86400BS

Tot Ion:	146	Resp:	456429
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.8	76.2
111	40.3	40.6	60.8#

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#14

1,2-Dichlorobenzene

Concen: 31.32 ng

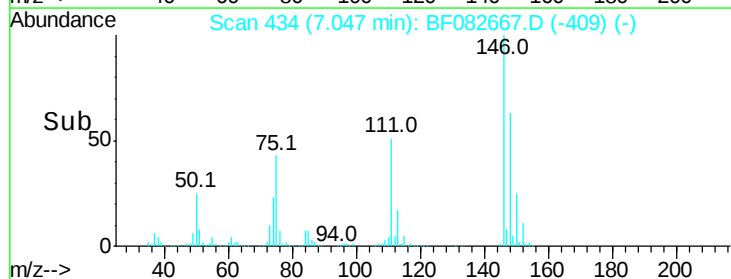
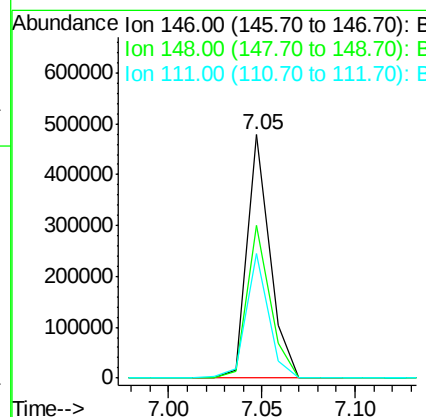
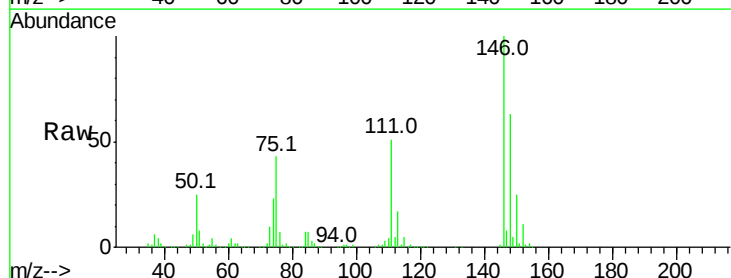
RT: 7.05 min Scan# 434

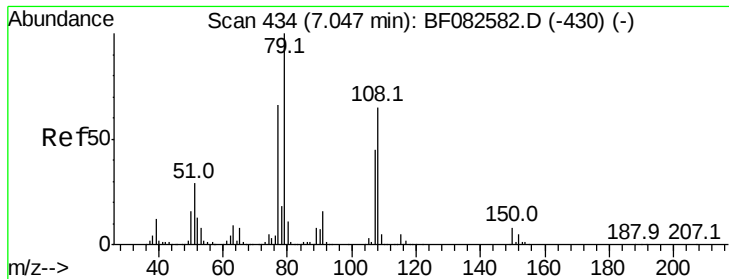
Delta R.T. -0.01 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Tgt Ion:	146	Resp:	411306
Ion Ratio	Lower	Upper	
146	100		
148	62.9	52.2	78.4
111	51.0	36.6	55.0





#15

Benzyl Alcohol

Concen: 28.86 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

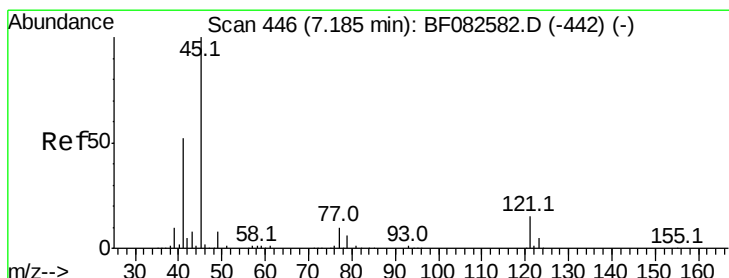
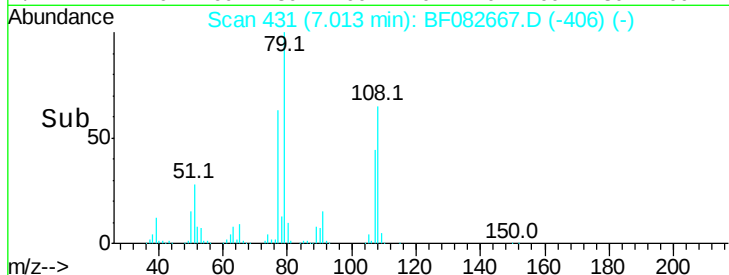
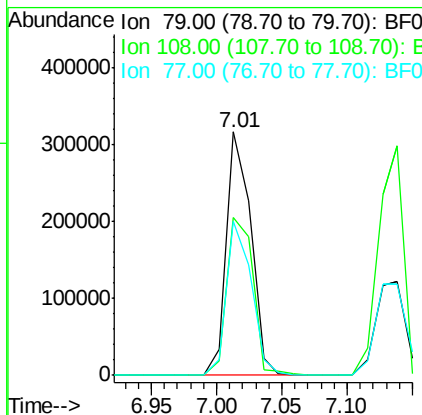
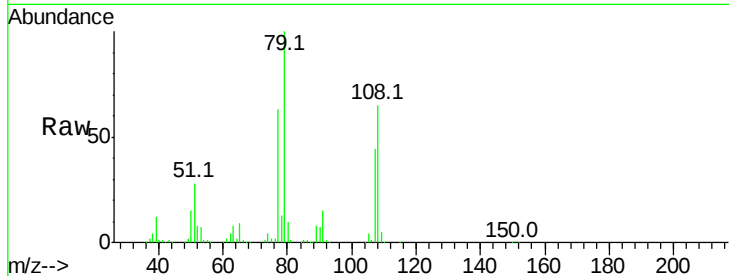
ClientSampleId :

PB86400BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	65.1	52.2	78.4
77	63.2	52.7	79.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 30.20 ng

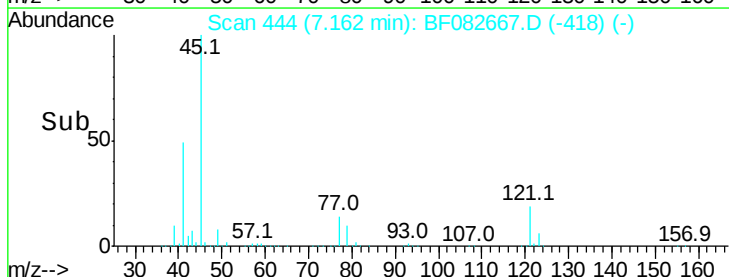
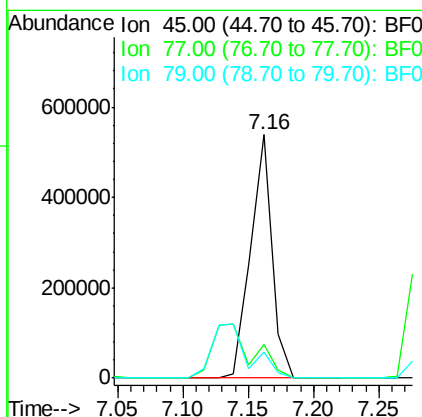
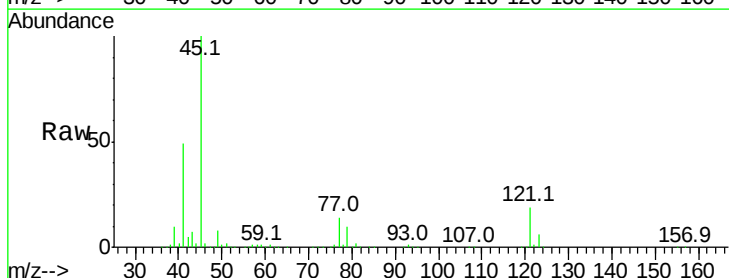
RT: 7.16 min Scan# 444

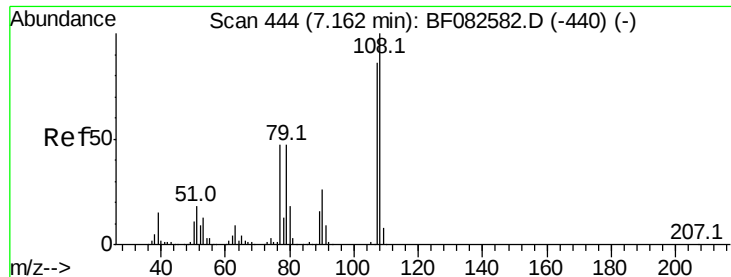
Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	32.6
79	10.5	0.0	29.2





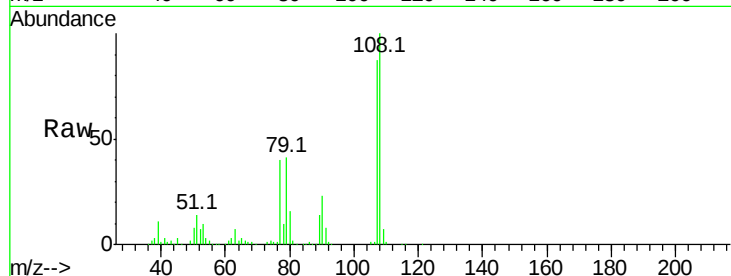
#17
2-Methylphenol
Concen: 32.17 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Instrument :
BNA_F
ClientSampleId :
PB86400BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	342114		
108	108	114.6	93.0	139.4	
77	77	45.8	44.1	66.1	
79	79	46.7	43.6	65.4	

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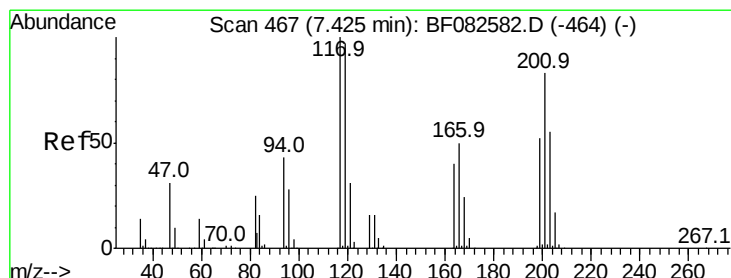
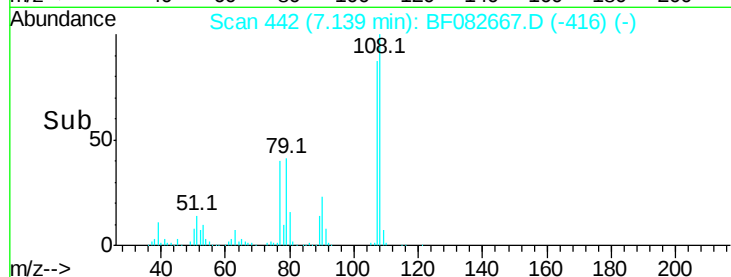
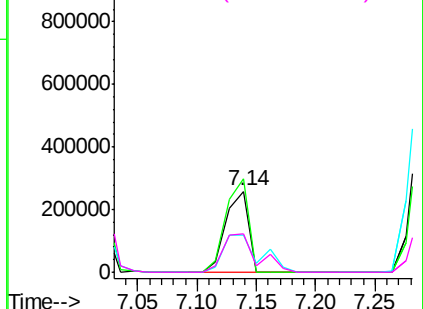
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

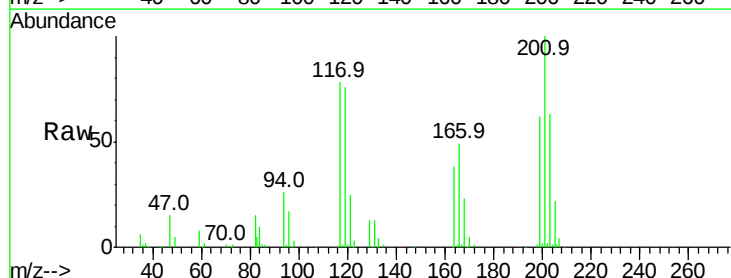
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 30.13 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	166340		
119	119	97.0	77.7	116.5	
201	201	128.4	66.7	100.1#	

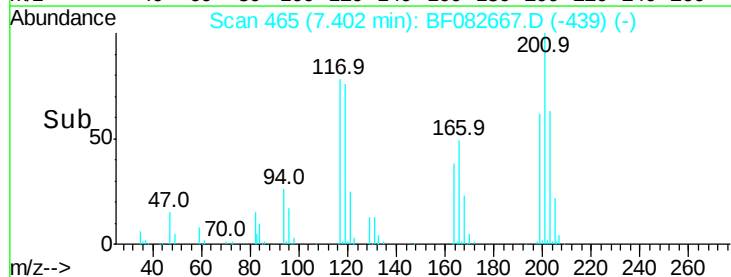
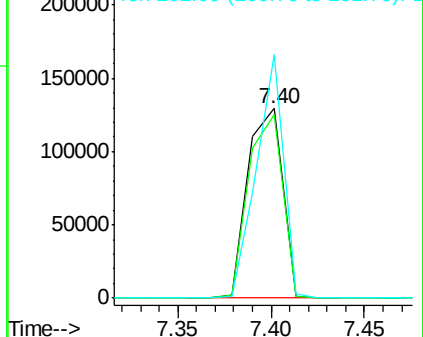


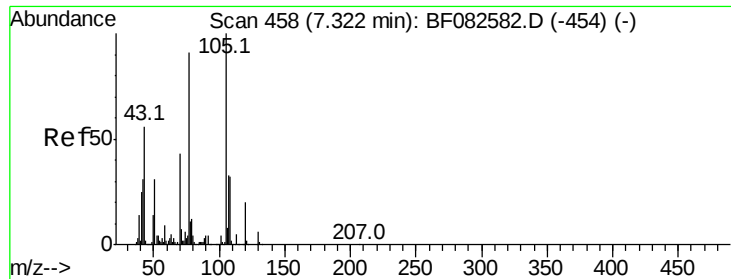
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





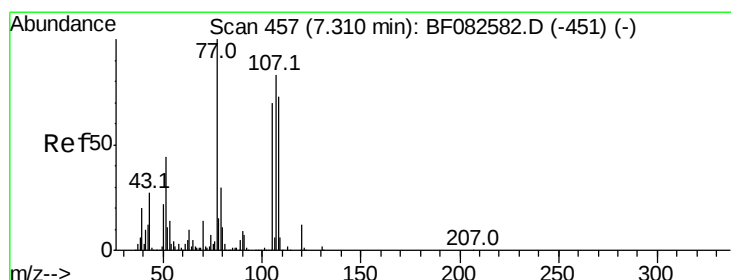
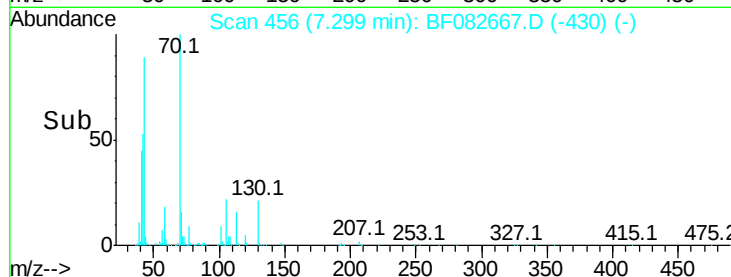
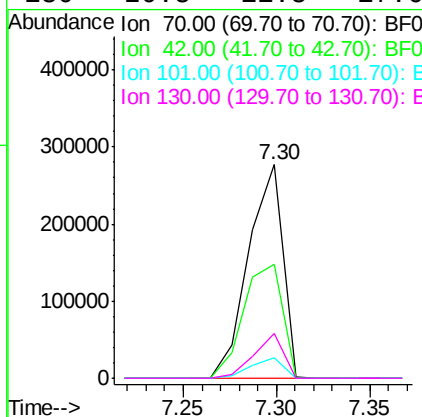
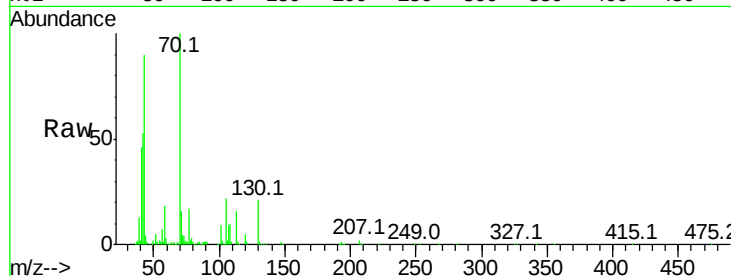
#19
n-Nitroso-di-n-propylamine
Concen: 30.30 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Instrument :
BNA_F
ClientSampleId :
PB86400BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.3	57.7	86.5#
101	9.4	7.0	10.6
130	20.8	11.8	17.6#

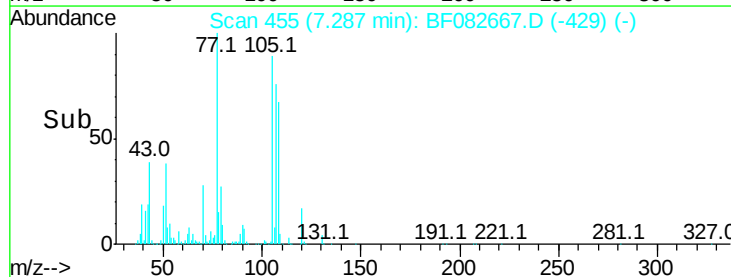
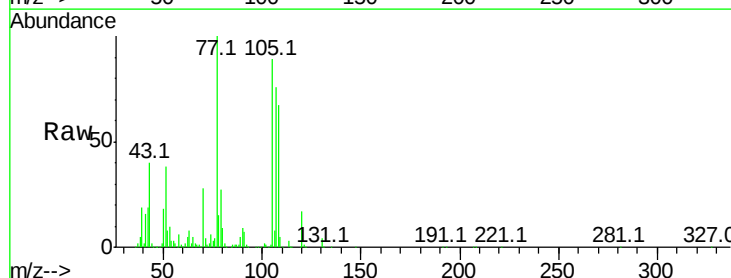
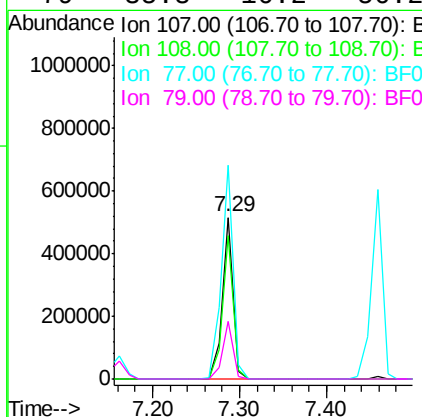
Manual Integrations
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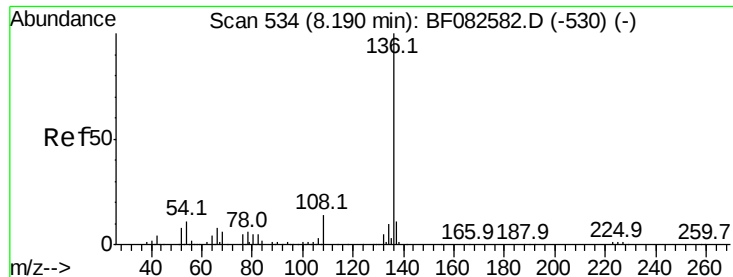
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11/4/2015 5:26:16 PM



#20
3+4-Methylphenols
Concen: 32.85 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	67.3	107.3
77	132.1	100.3	140.3
79	35.8	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

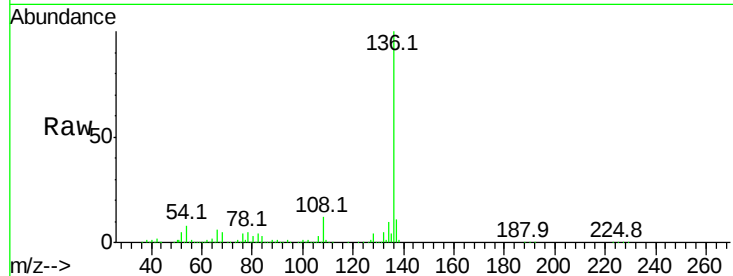
ClientSampled :

PB86400BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.1	13.7	
54	8.0	9.1	13.7#	
68	5.2	4.8	7.2	

Manual Integrations
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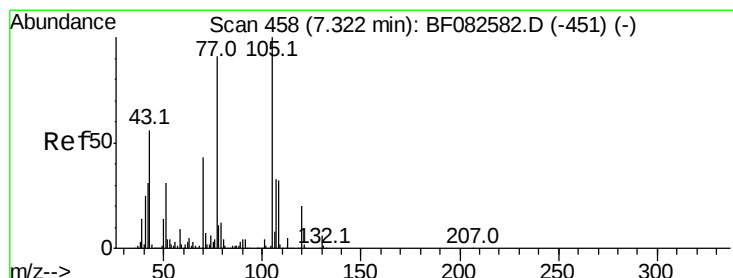
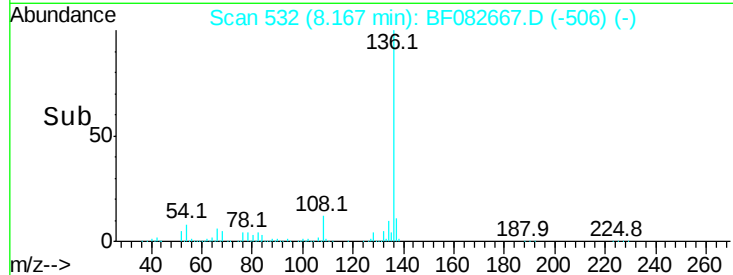
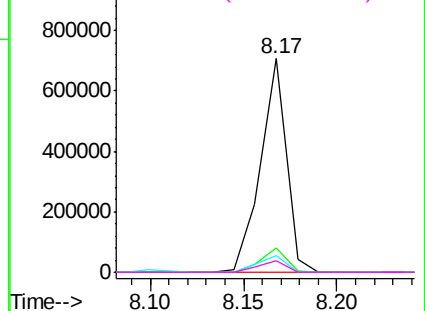


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 30.20 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

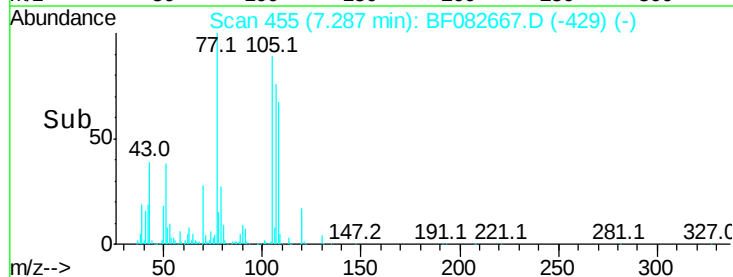
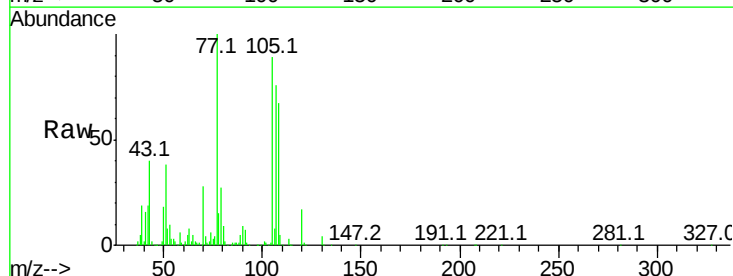
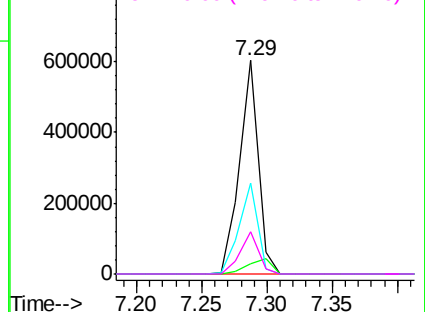
Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.0	5.6	8.4#	
51	42.6	24.9	37.3#	
120	19.7	15.8	23.8	

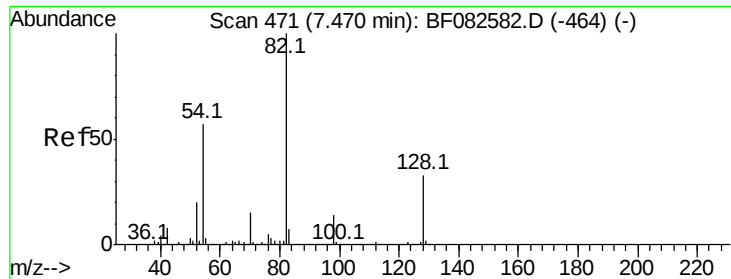
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





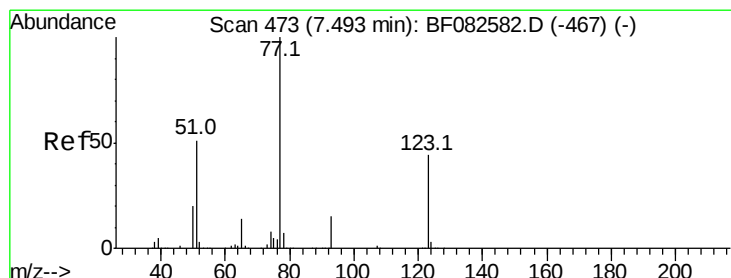
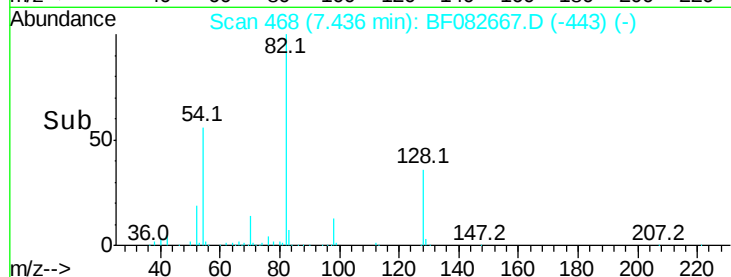
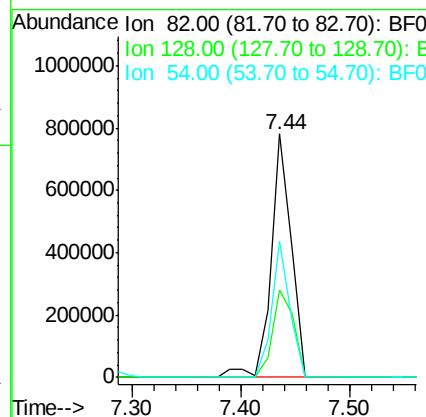
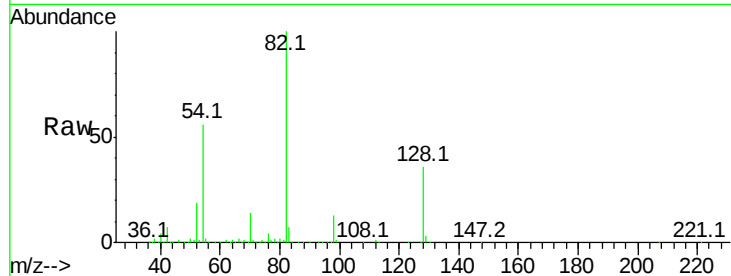
#23
 Nitrobenzene-d5
 Concen: 60.78 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB86400BS

Tot Ion	82	Resp	1003685
Ion	Ratio	Lower	Upper
82	100		
128	35.8	26.8	40.2
54	55.8	45.7	68.5

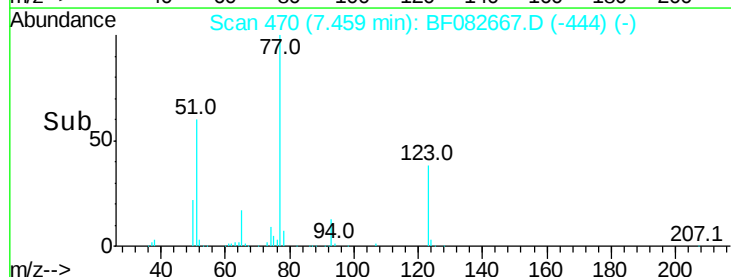
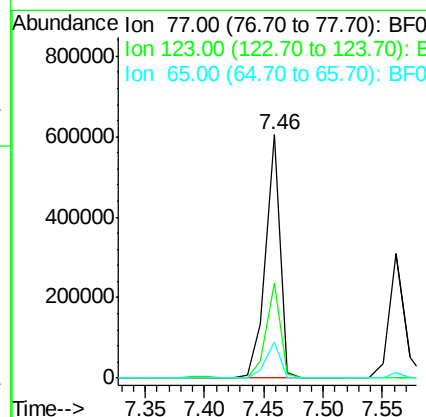
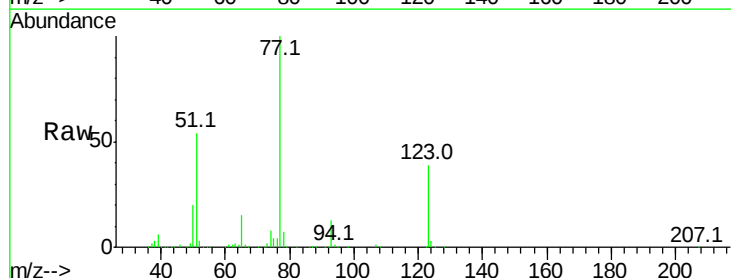
Manual Integrations
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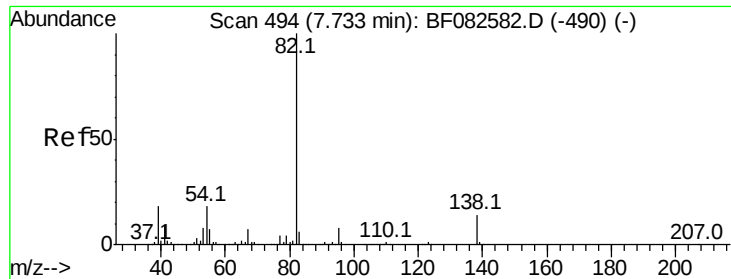
Mmdadoda
 11/4/2015 5:26:16 PM



#24
 Nitrobenzene
 Concen: 31.39 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Tgt Ion	77	Resp	524005
Ion	Ratio	Lower	Upper
77	100		
123	39.0	36.4	54.6
65	14.9	11.5	17.3





#25

Isophorone

Concen: 28.27 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

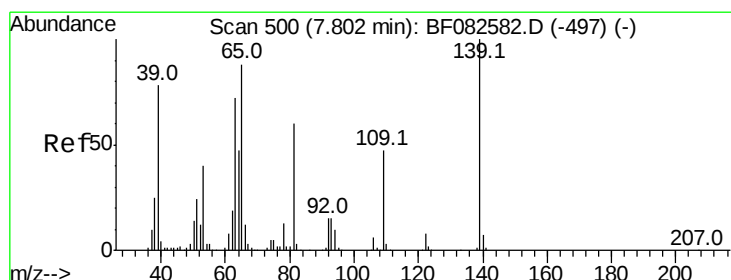
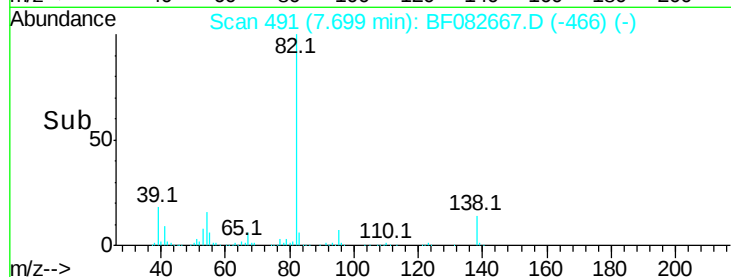
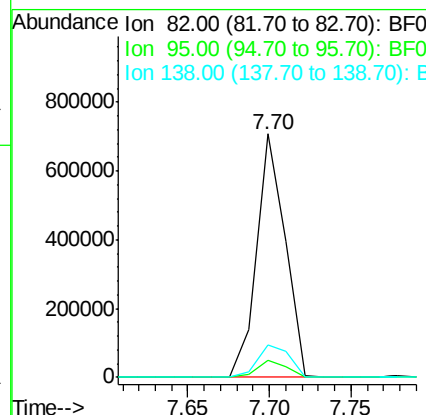
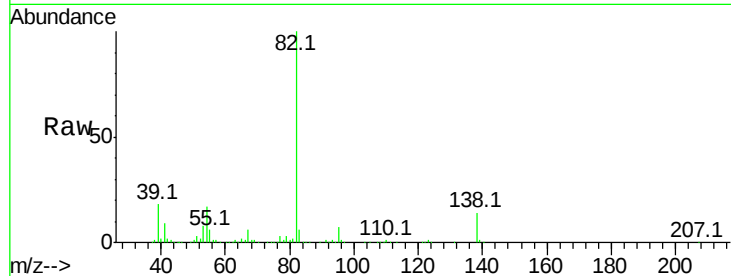
ClientSampleId :

PB86400BS

Tot Ion:	82	Resp:	858951
Ion Ratio	Lower	Upper	
82	100		
95	7.2	6.6	9.8
138	13.5	11.4	17.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 35.26 ng

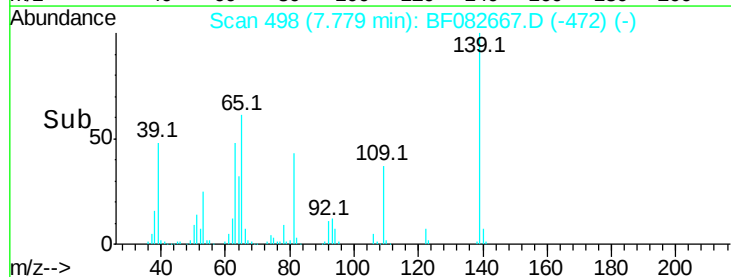
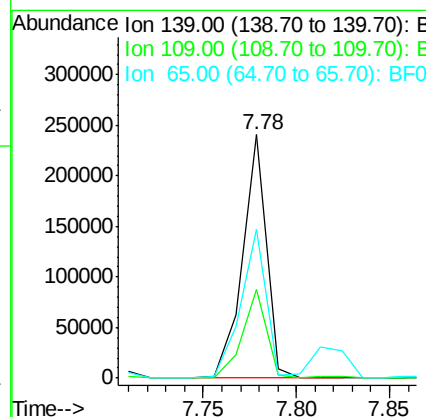
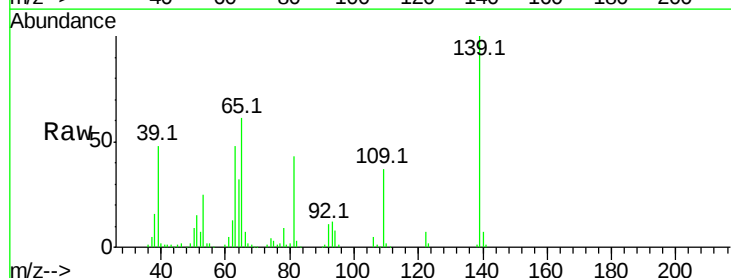
RT: 7.78 min Scan# 498

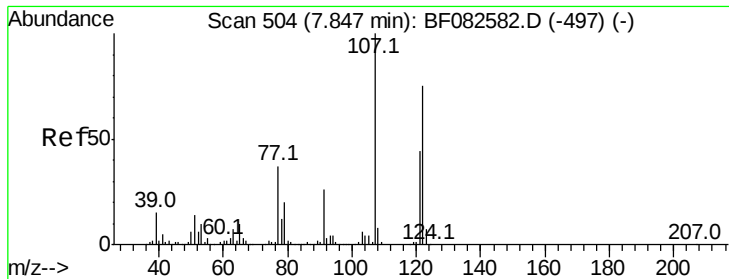
Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Tgt Ion:	139	Resp:	214975
Ion Ratio	Lower	Upper	
139	100		
109	36.6	37.6	56.4#
65	61.3	70.6	105.8#





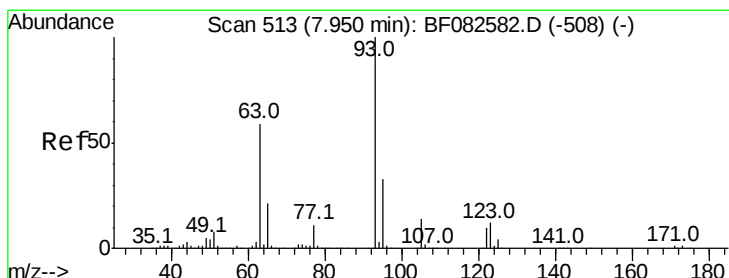
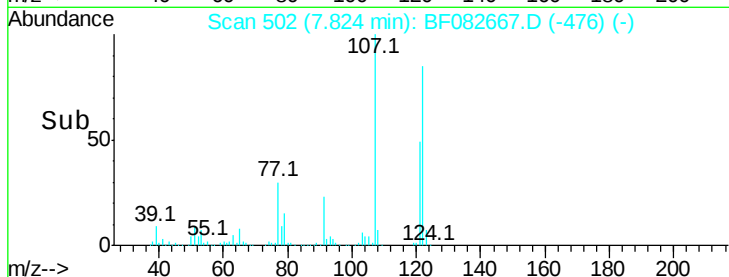
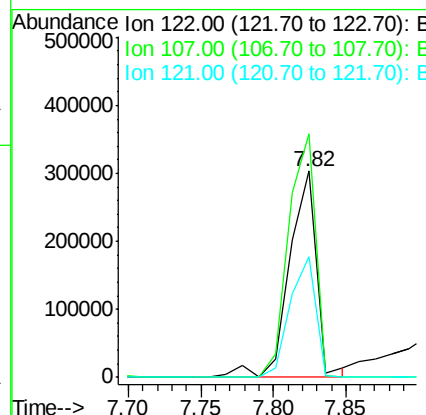
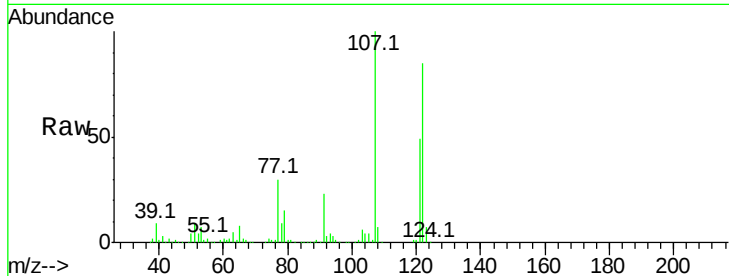
#27
2,4-Dimethylphenol
Concen: 33.19 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.00 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Instrument :
BNA_F
ClientSampleId :
PB86400BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	118.0	106.0	159.0	
121	58.4	46.7	70.1	

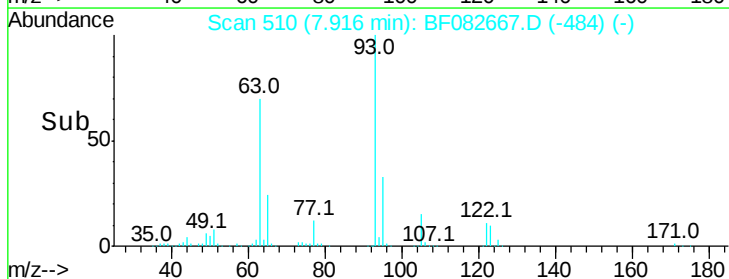
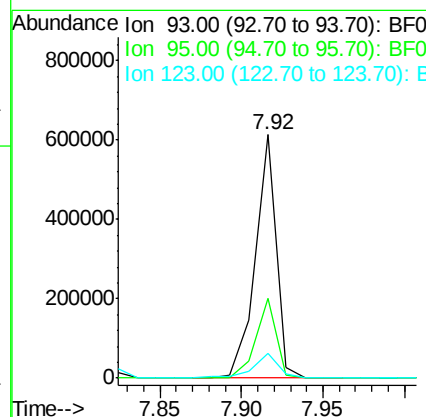
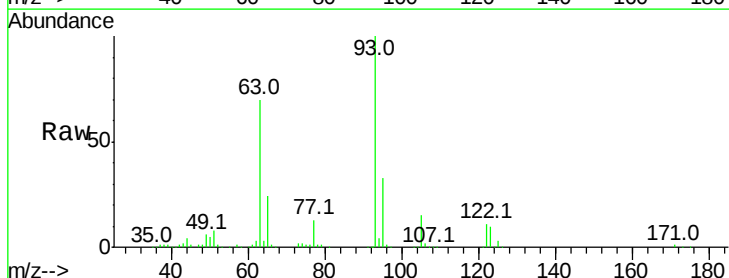
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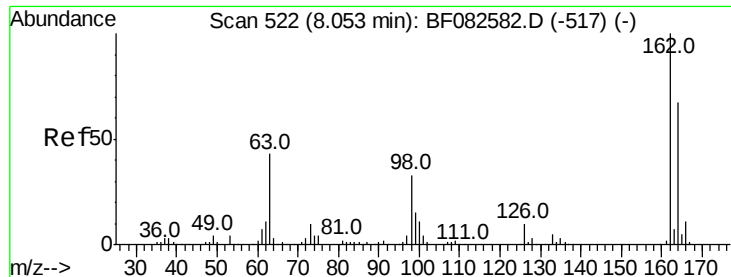
Mmdadoda
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#28
bis(2-Chloroethoxy)methane
Concen: 32.75 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.7	26.6	40.0	
123	10.4	9.7	14.5	





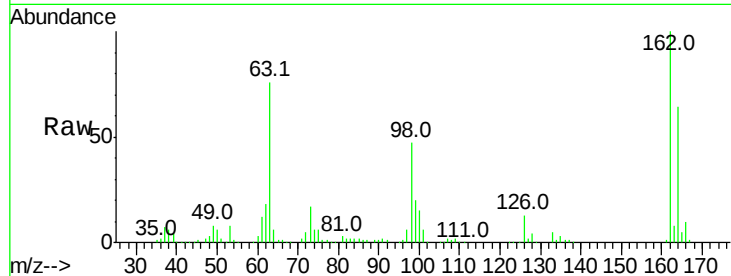
#29
 2,4-Dichlorophenol
 Concen: 31.60 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.00 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB86400BS

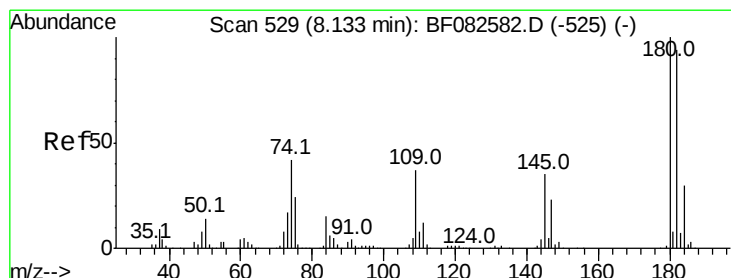
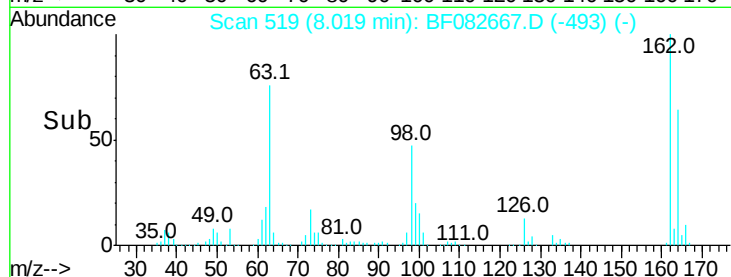
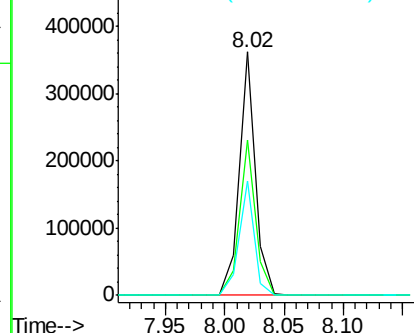
Tot Ion:	162	Resp:	342869
Ion Ratio	Lower	Upper	
162	100		
164	63.8	46.8	86.8
98	47.1	12.5	52.5

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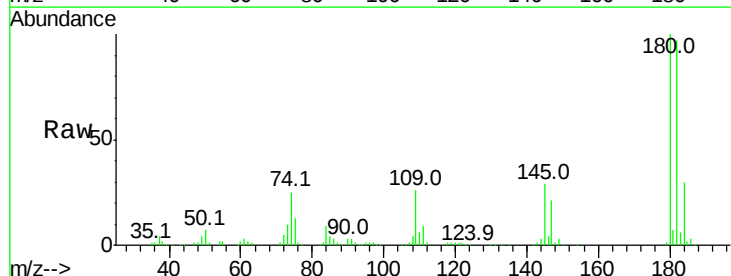


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

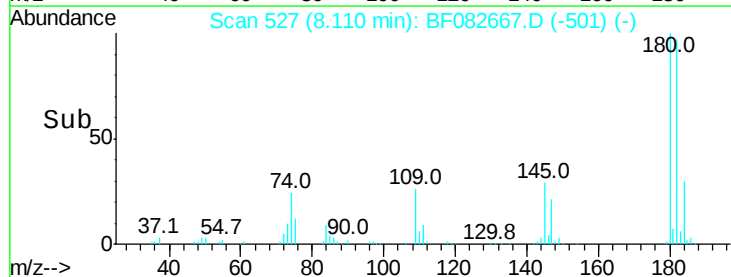
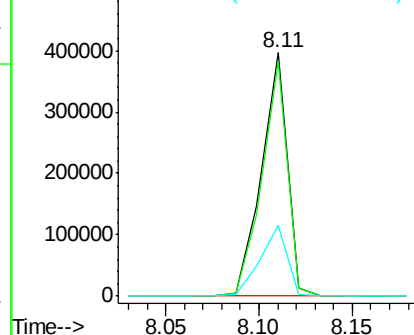


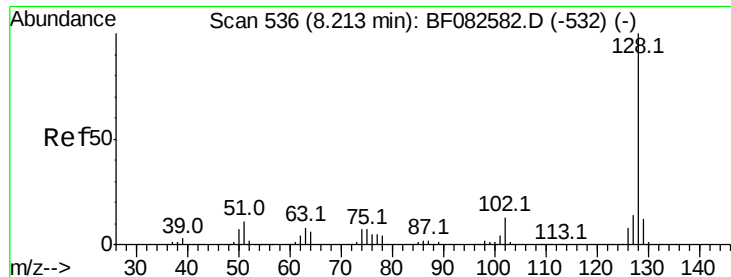
#30
 1,2,4-Trichlorobenzene
 Concen: 31.98 ng
 RT: 8.11 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Tgt Ion:	180	Resp:	385105
Ion Ratio	Lower	Upper	
180	100		
182	96.6	74.9	112.3
145	29.3	27.8	41.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 32.98 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB86400BS

Tot Ion:128 Resp: 1203487

Ion Ratio Lower Upper

128 100

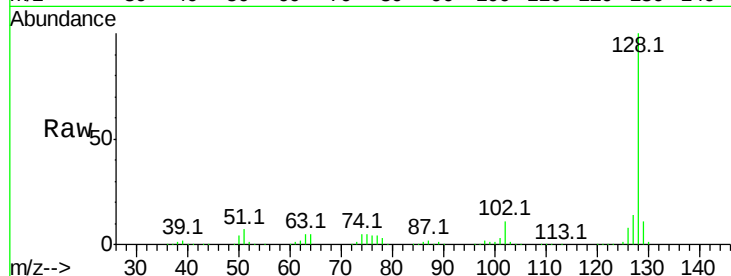
129 11.0 9.5 14.3

127 13.6 11.4 17.0

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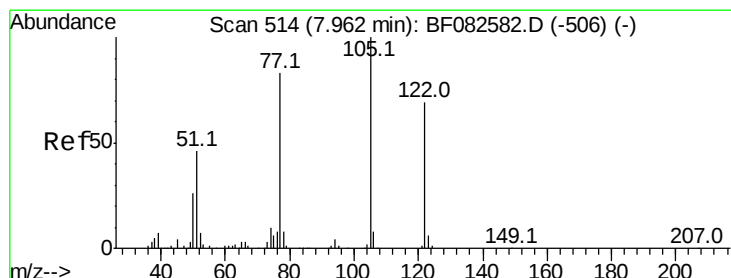
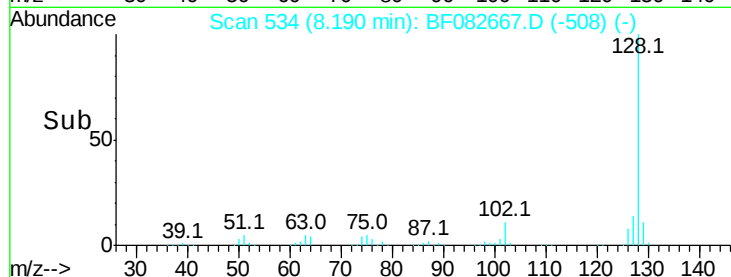
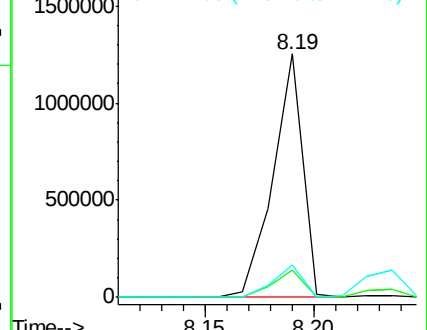
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.06 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

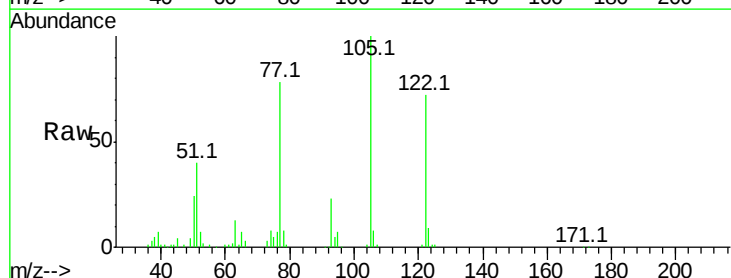
Tgt Ion:122 Resp: 242312

Ion Ratio Lower Upper

122 100

105 138.3 122.6 162.6

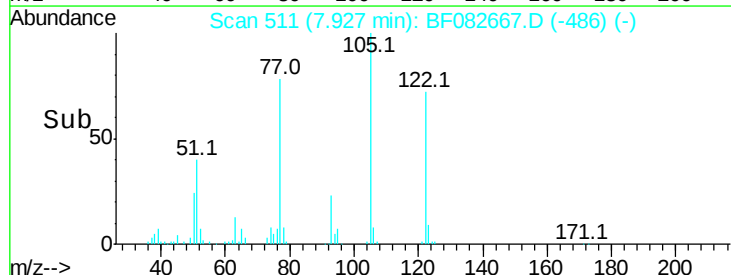
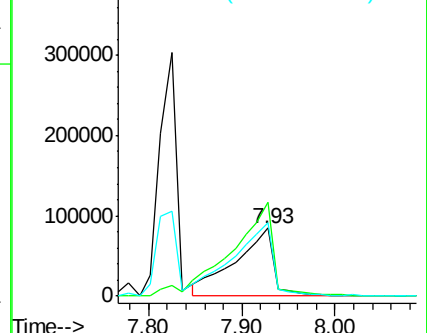
77 108.5 100.9 140.9

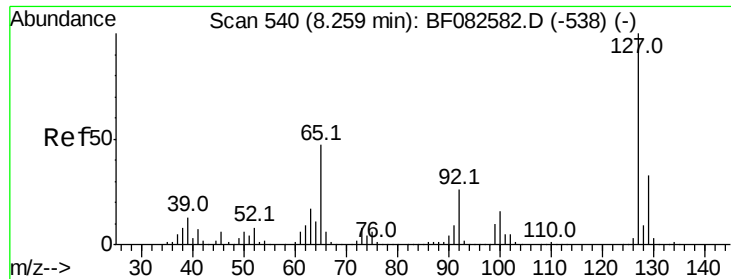


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





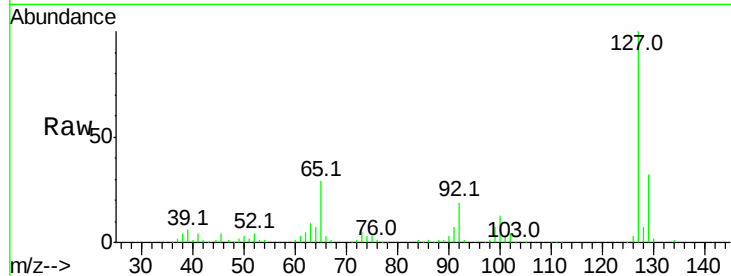
#33
4-Chloroaniline
Concen: 11.88 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Instrument :
BNA_F
ClientSampleId :
PB86400BS

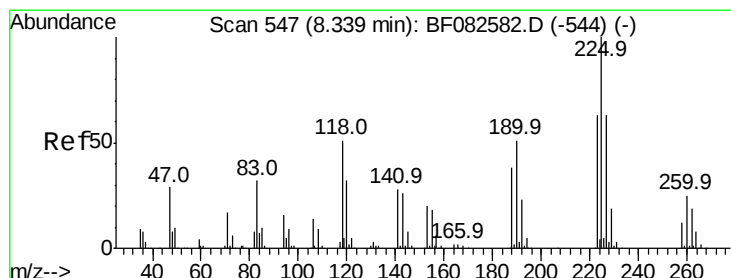
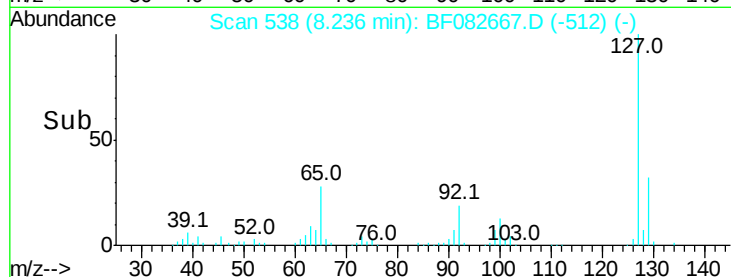
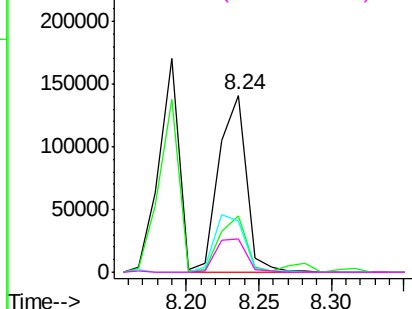
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		185011		
129	31.8	26.3	39.5		
65	28.7	37.8	56.8#		
92	18.7	20.6	31.0#		

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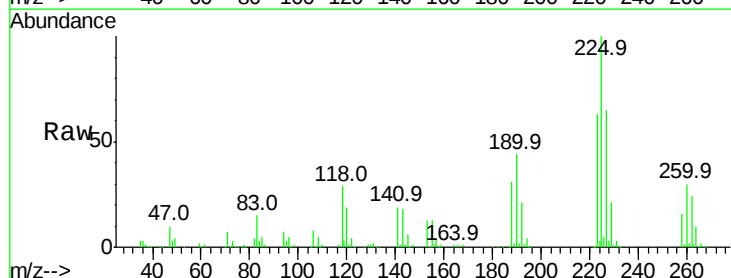


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

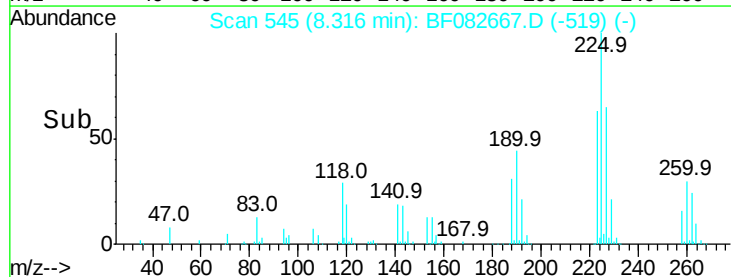
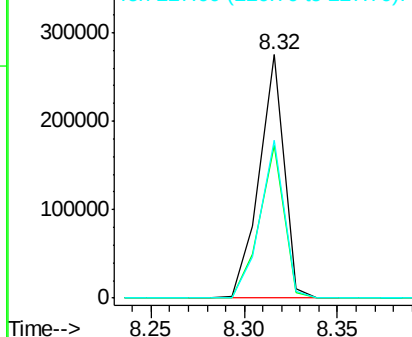


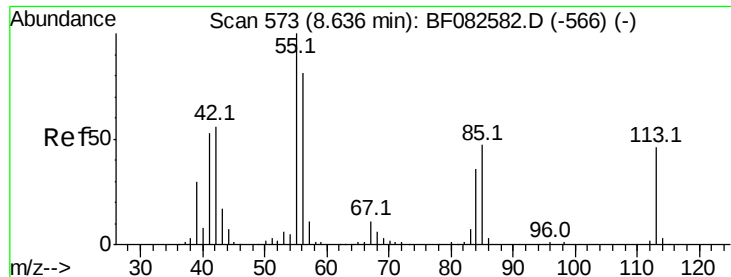
#34
Hexachlorobutadiene
Concen: 32.96 ng
RT: 8.32 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		252424		
223	62.7	50.5	75.7		
227	64.7	50.2	75.2		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





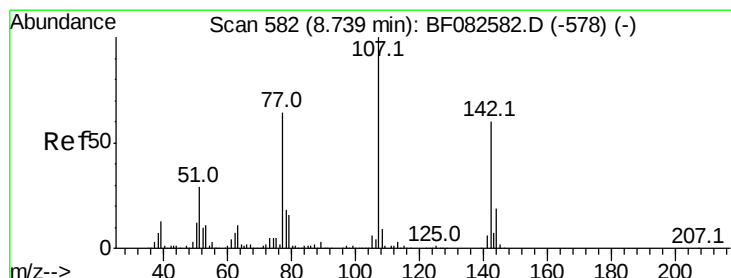
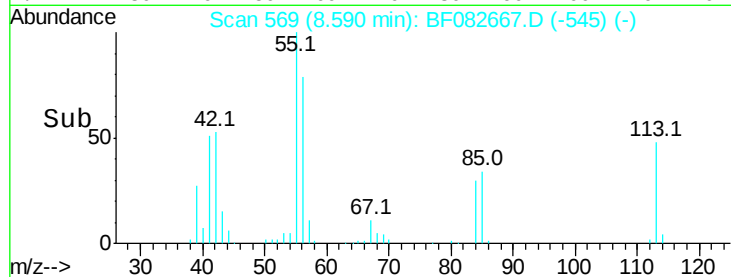
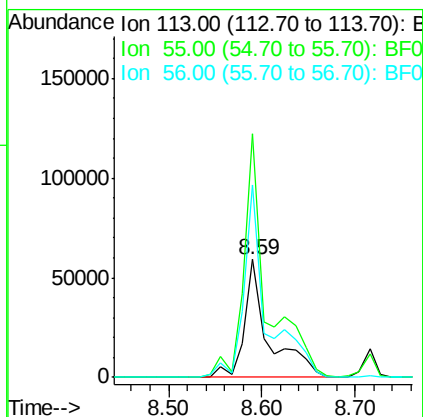
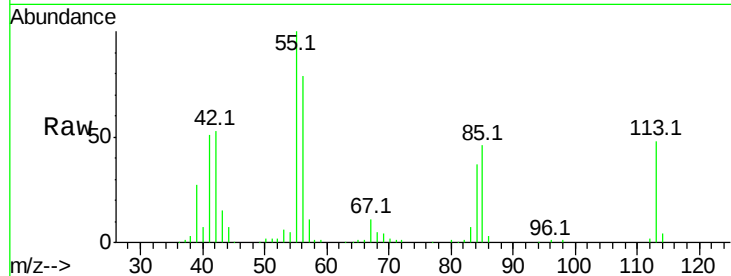
#35
 Caprolactam
 Concen: 32.05 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.02 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB86400BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	206.7	195.5	235.5	
56	163.8	153.5	193.5	

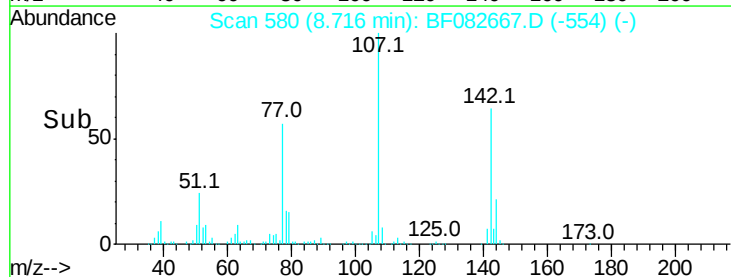
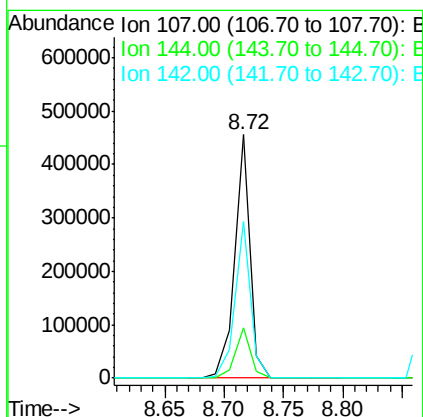
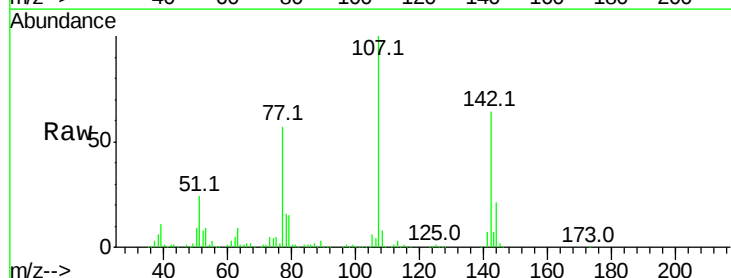
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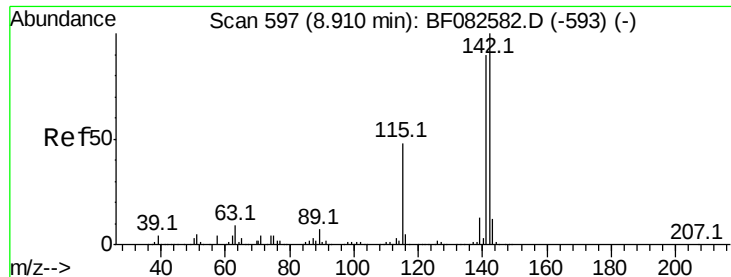
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#36
 4-Chloro-3-methylphenol
 Concen: 32.06 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	20.8	15.4	23.0	
142	64.4	47.8	71.8	





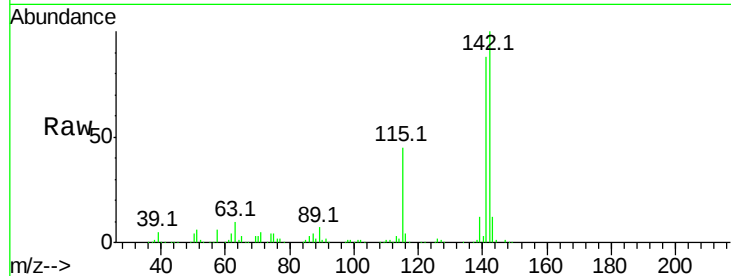
#37
2-Methylnaphthalene
Concen: 30.91 ng
RT: 8.88 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Instrument :
BNA_F
ClientSampleId :
PB86400BS

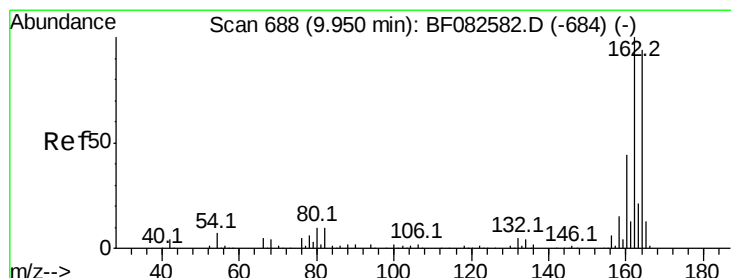
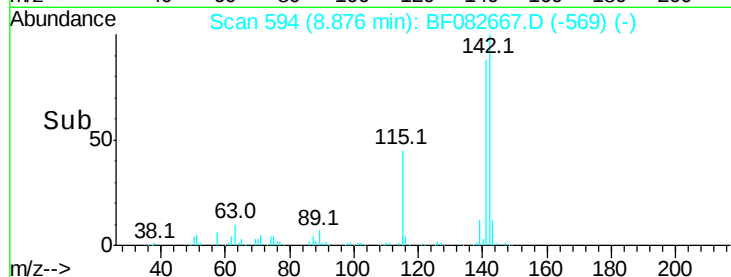
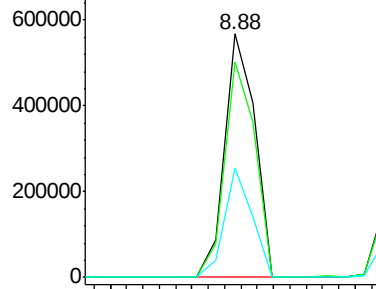
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.3	108.5
115	45.0	38.1	57.1

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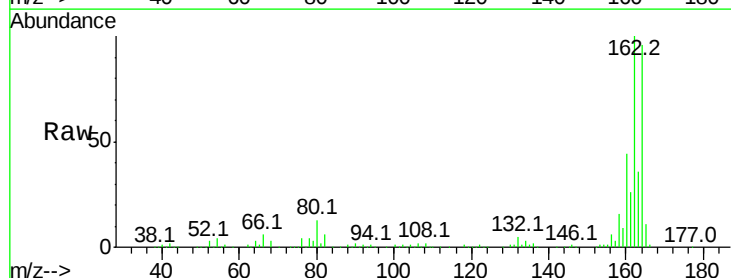


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

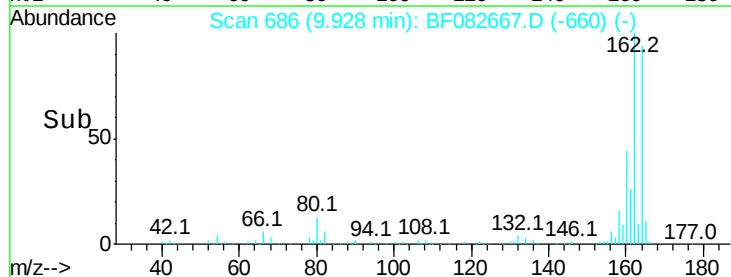
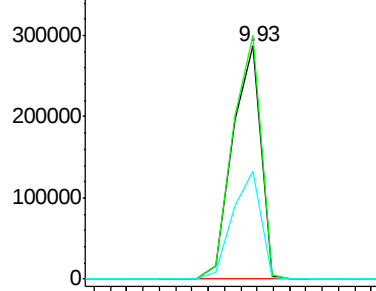


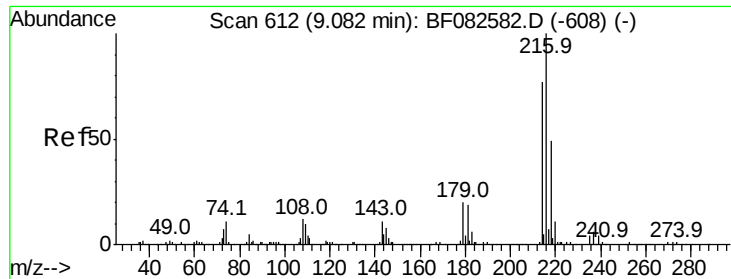
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	84.9	127.3
160	46.0	37.5	56.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.04 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.00 min

Lab File: BF082667.D

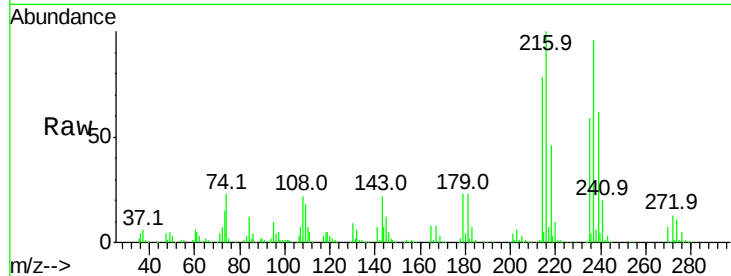
Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

ClientSampleId :

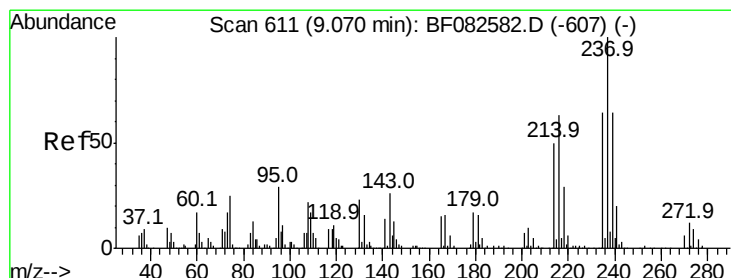
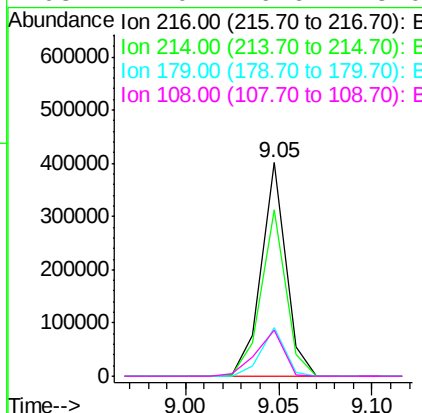
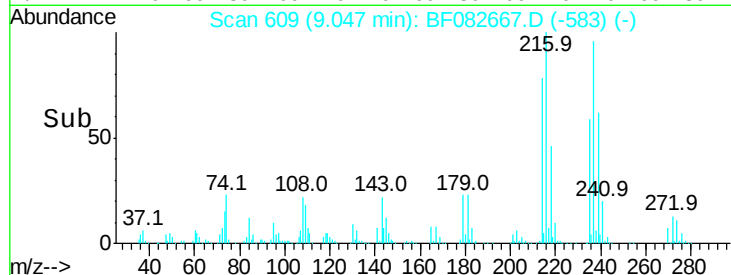
PB86400BS



Tot Ion	Ratio	Resp	Lower	Upper
216	100	368273		
214	78.0	62.2	93.2	
179	21.9	18.1	27.1	
108	24.0	16.6	25.0	

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#40

Hexachlorocyclopentadiene

Concen: 68.25 ng

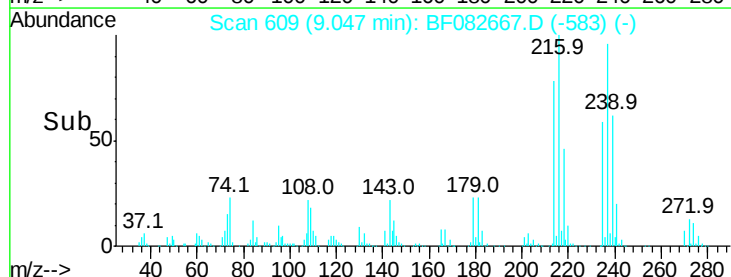
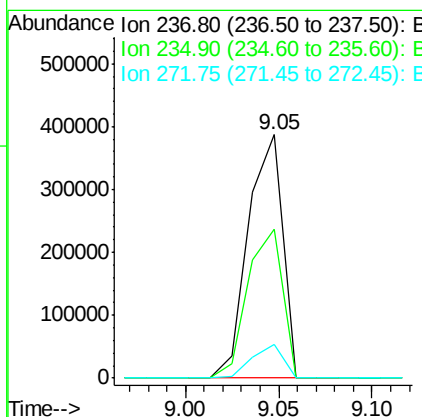
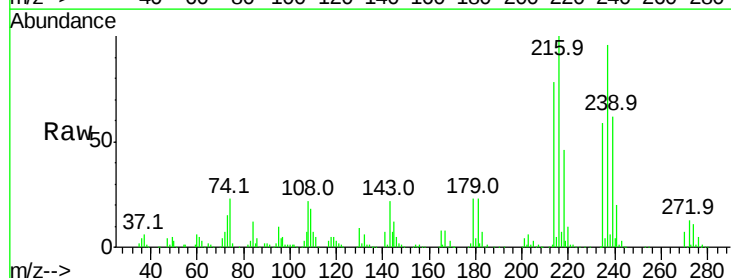
RT: 9.05 min Scan# 609

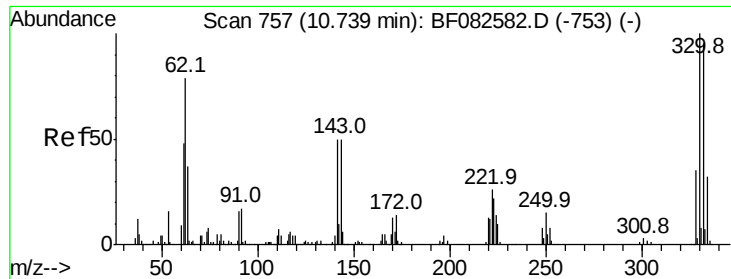
Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	493213		
235	61.1	44.3	84.3	
272	13.8	0.0	31.9	





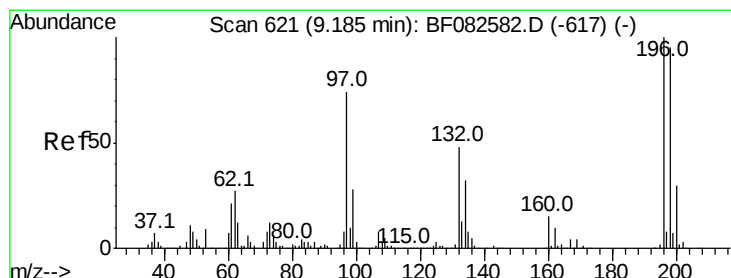
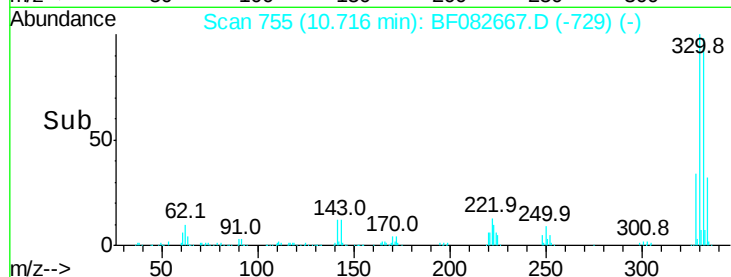
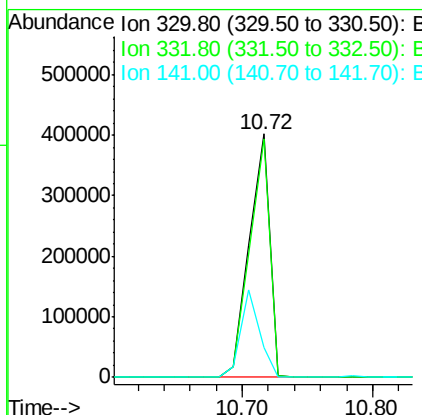
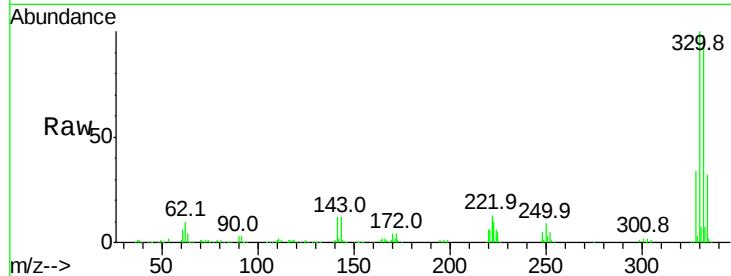
#41
 2,4,6-Tribromophenol
 Concen: 116.99 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Instrument :
 BNA_F
 ClientSampleID :
 PB86400BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	441030		
332	96.4	76.6	114.8	
141	33.1	41.2	61.8#	

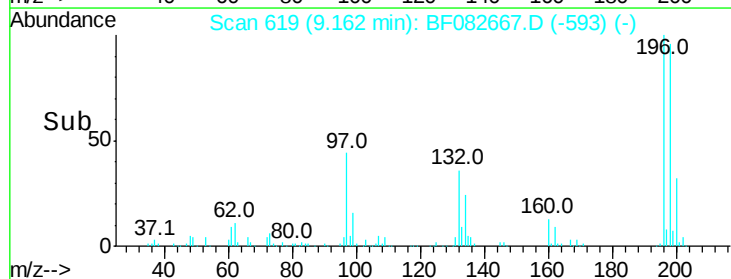
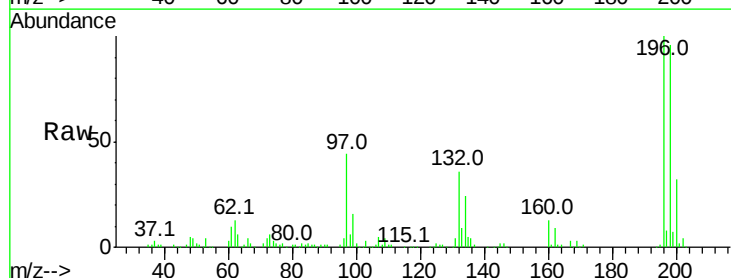
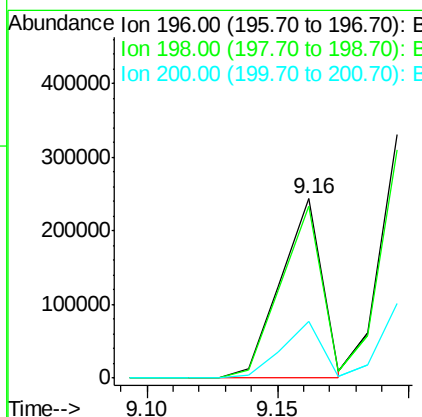
Manual Integrations
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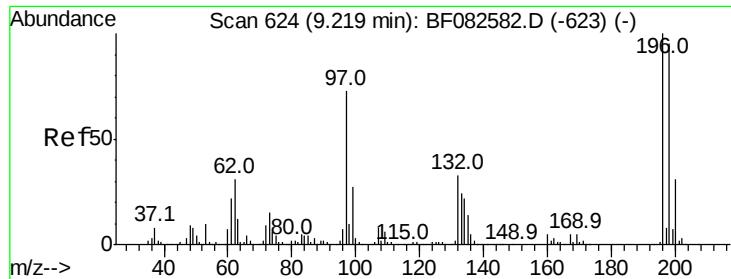
Mmdadoda
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#42
 2,4,6-Trichlorophenol
 Concen: 32.30 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	268056		
198	95.9	76.3	114.5	
200	31.6	23.9	35.9	





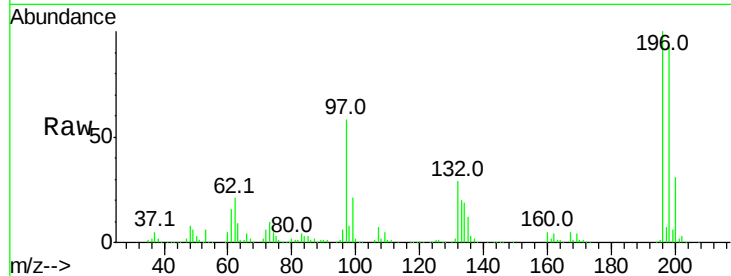
#43
 2,4,5-Trichlorophenol
 Concen: 34.68 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB86400BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		286814		
198	94.0	75.8	113.8		
97	57.5	62.3	93.5		
132	29.3	27.4	41.2		

Manual Integrations
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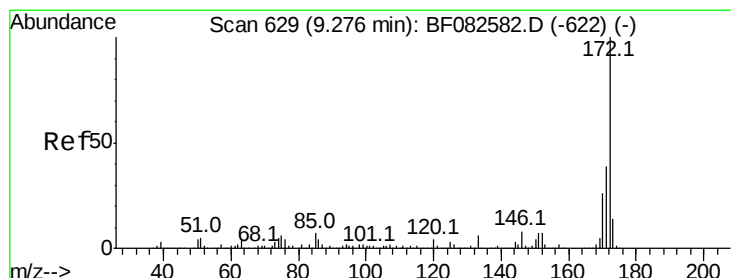
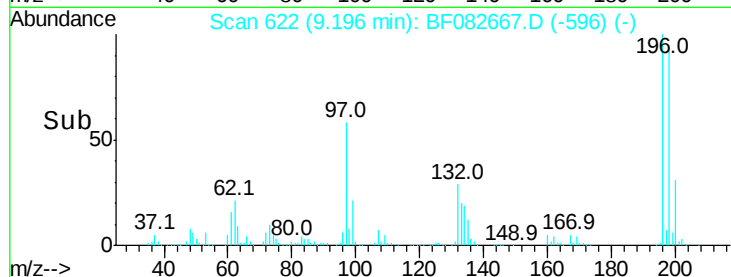
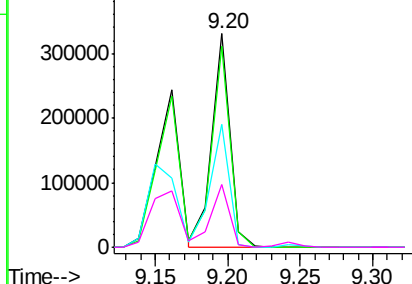
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 65.55 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

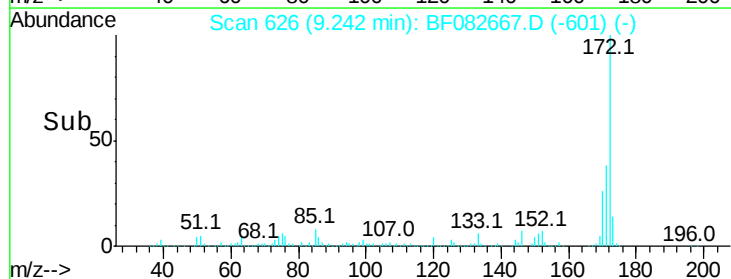
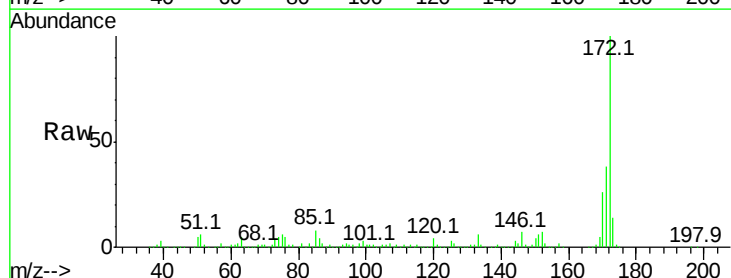
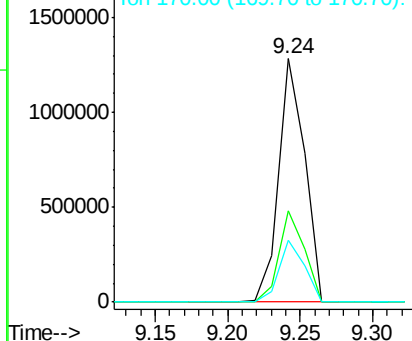
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1590304		
171	37.6	30.8	46.2		
170	25.5	21.2	31.8		

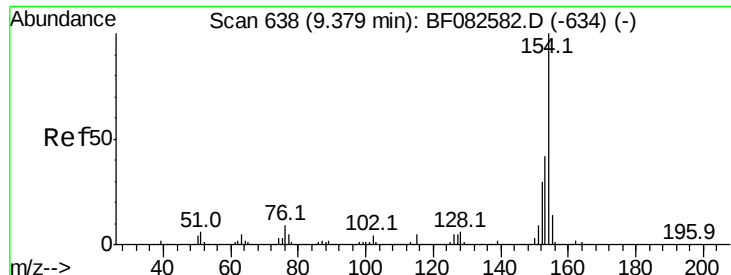
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 34.16 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

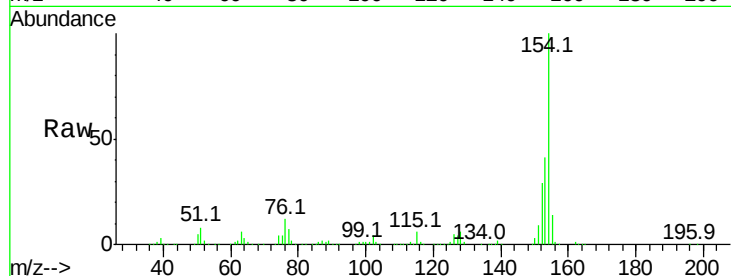
ClientSampleId :

PB86400BS

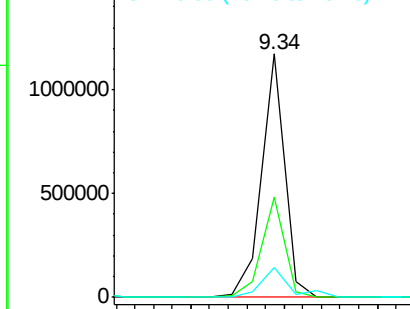
Tot Ion:	154	Resp:	993884
Ion Ratio	Lower	Upper	
154	100		
153	41.1	22.0	62.0
76	12.3	0.0	29.0

Manual Integrations
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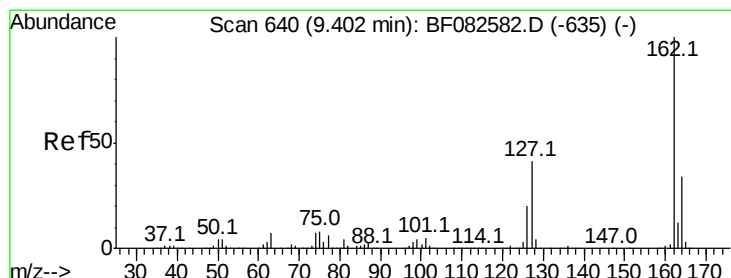
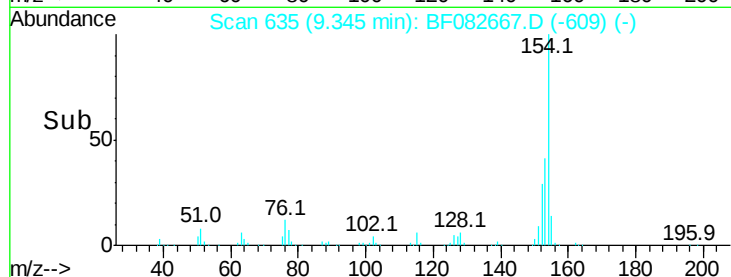
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BFO



Time-->



#46

2-Chloronaphthalene

Concen: 33.15 ng

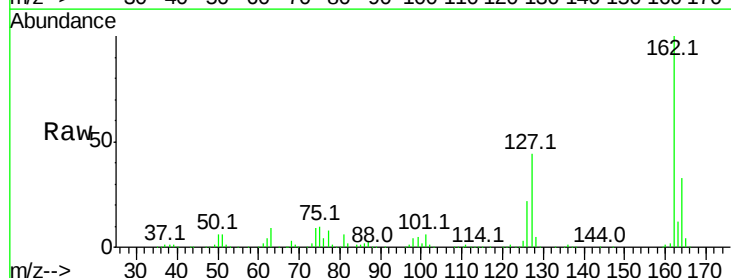
RT: 9.37 min Scan# 637

Delta R.T. -0.00 min

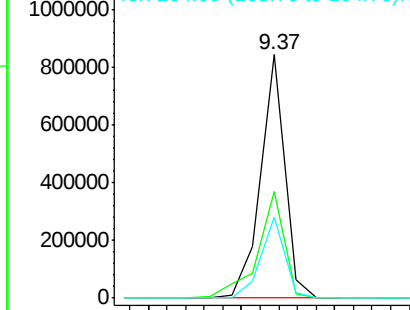
Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

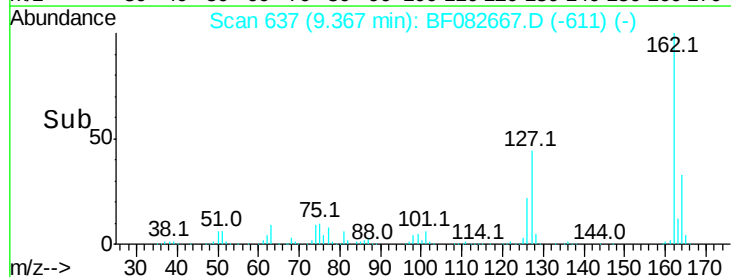
Tgt Ion:	162	Resp:	753202
Ion Ratio	Lower	Upper	
162	100		
127	44.0	32.7	49.1
164	33.3	27.4	41.0

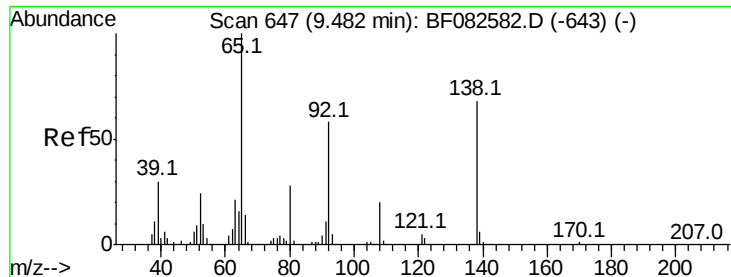


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->





#47

2-Nitroaniline

Concen: 33.68 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

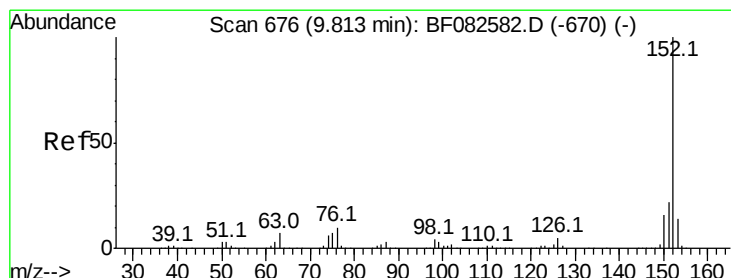
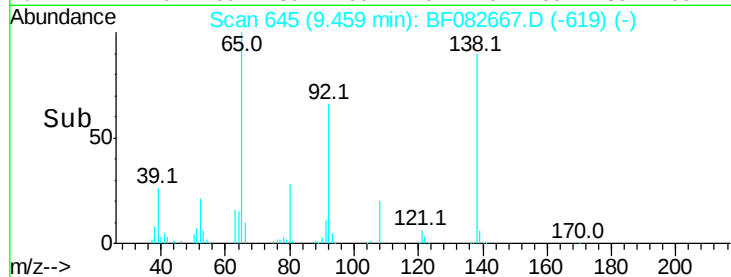
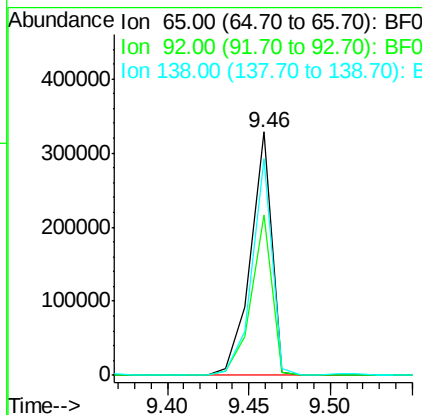
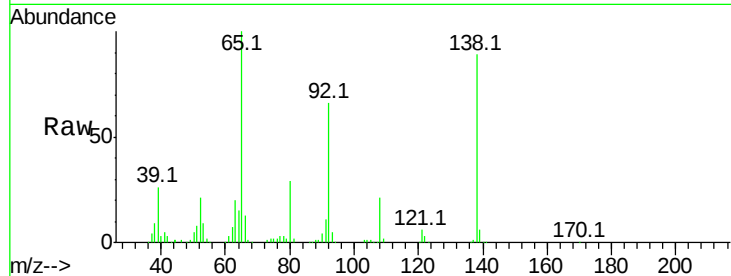
ClientSampleId :

PB86400BS

Tot Ion:	65	Resp:	297474
Ion Ratio	Lower	Upper	
65	100		
92	65.9	46.6	70.0
138	89.3	54.6	81.8#

Manual Integrations
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#48

Acenaphthylene

Concen: 31.46 ng

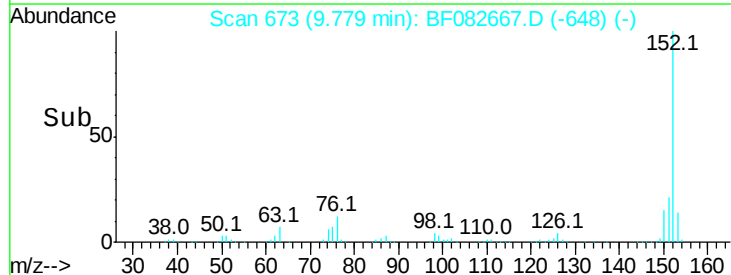
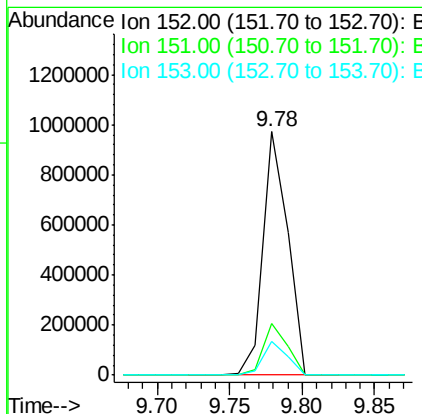
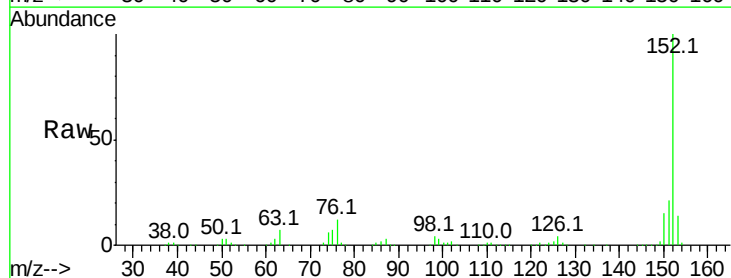
RT: 9.78 min Scan# 673

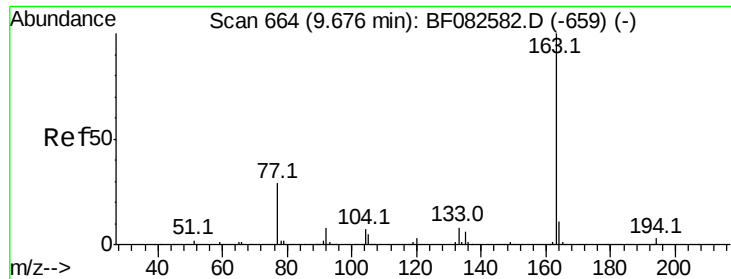
Delta R.T. -0.01 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Tgt Ion:	152	Resp:	1143214
Ion Ratio	Lower	Upper	
152	100		
151	21.0	17.3	25.9
153	13.9	11.3	16.9





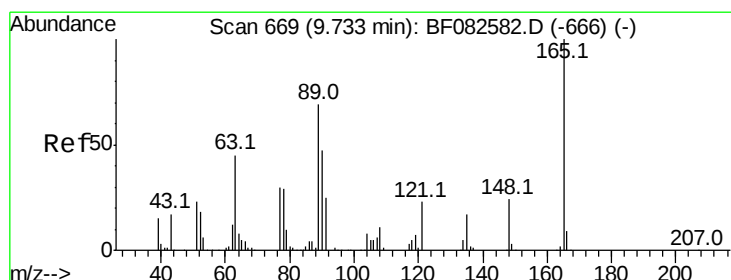
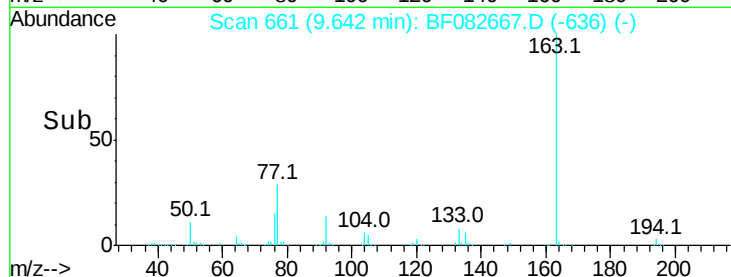
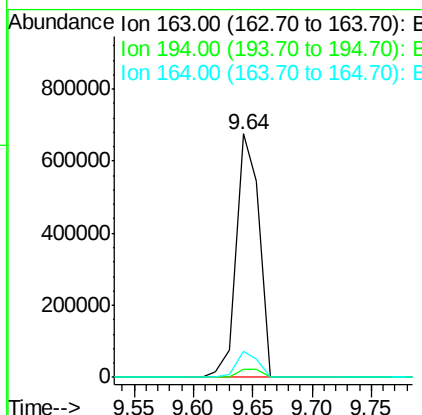
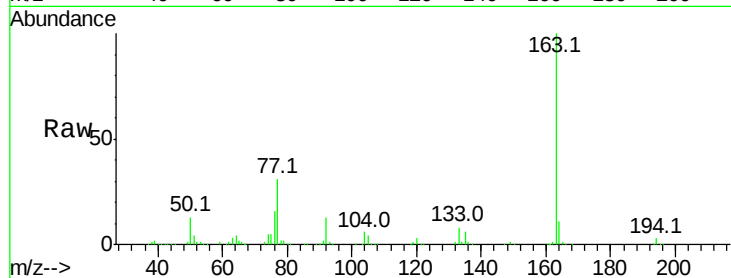
#49
Dimethylphthalate
Concen: 32.11 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Instrument :
BNA_F
ClientSampleId :
PB86400BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	903378		
194	3.1	2.6	4.0	
164	10.9	8.7	13.1	

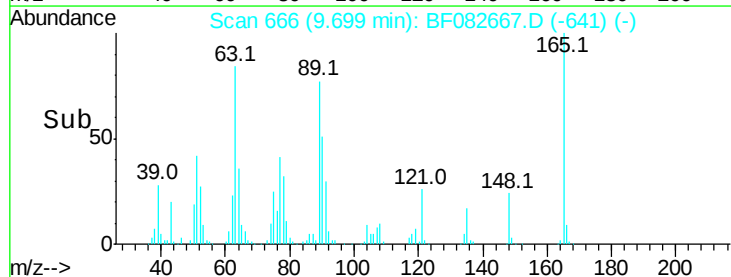
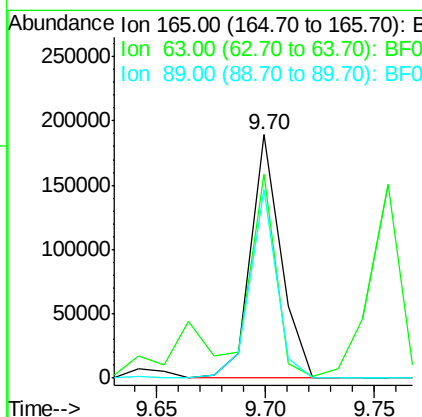
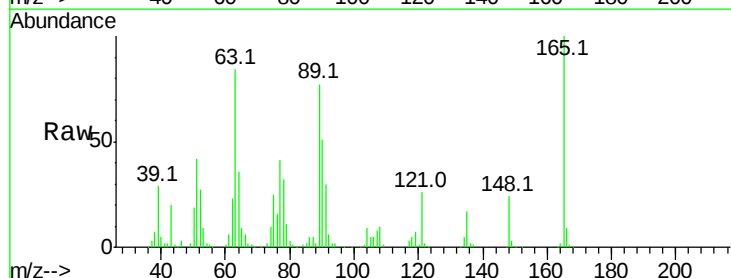
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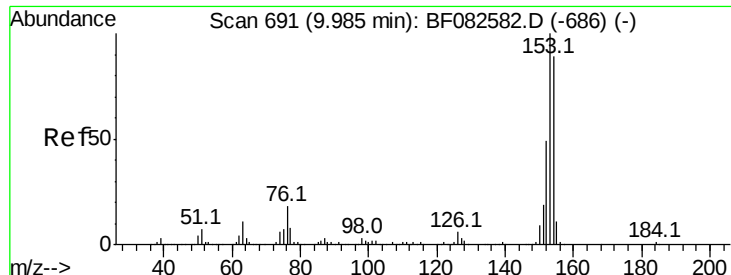
Mmdadoda
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#50
2,6-Dinitrotoluene
Concen: 31.45 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	183361		
63	83.5	55.5	83.3#	
89	77.3	55.0	82.6	





#51

Acenaphthene

Concen: 37.22 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

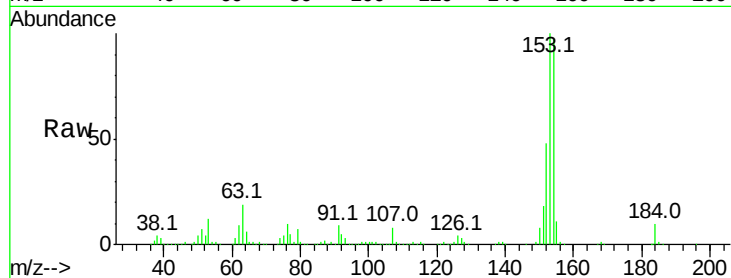
ClientSampleId :

PB86400BS

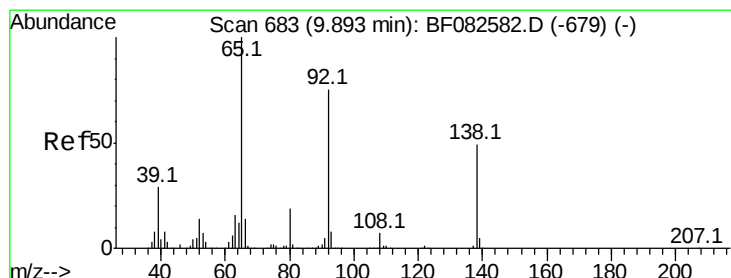
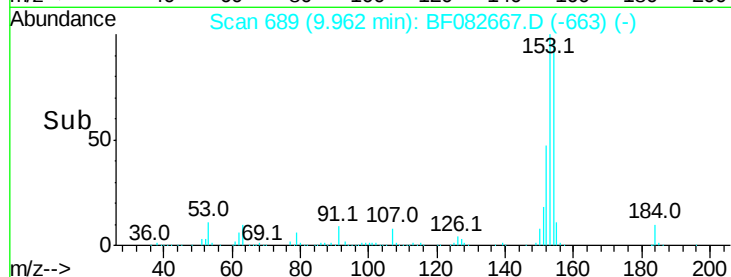
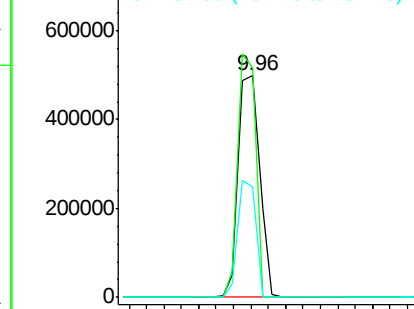
Tot Ion:	154	Resp:	858677
Ion Ratio	Lower	Upper	
154	100		
153	103.4	90.1	135.1
152	50.1	44.3	66.5

Manual Integrations
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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: 19.55 ng

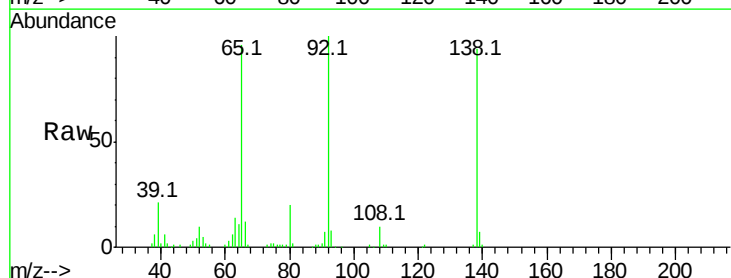
RT: 9.87 min Scan# 681

Delta R.T. -0.00 min

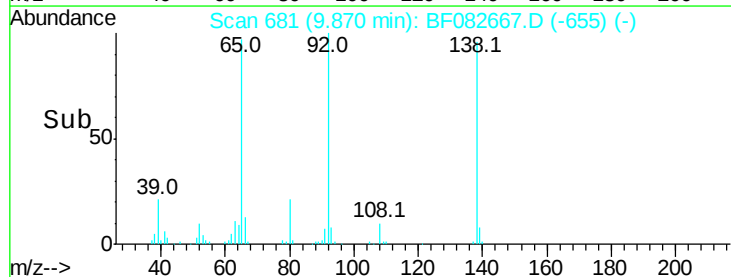
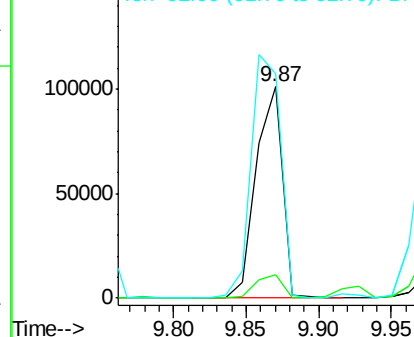
Lab File: BF082667.D

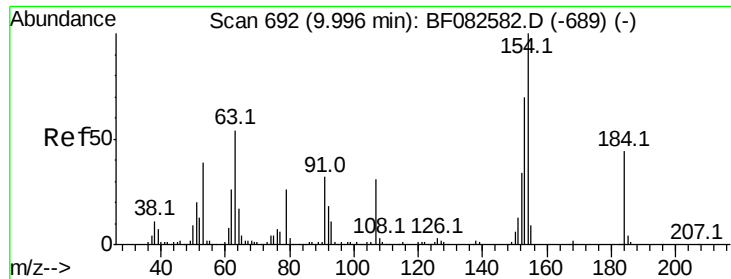
Acq: 3 Nov 2015 18:21

Tgt Ion:	138	Resp:	126842
Ion Ratio	Lower	Upper	
138	100		
108	11.1	11.3	16.9#
92	106.4	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





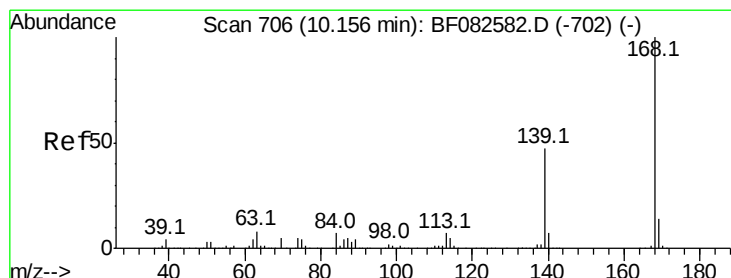
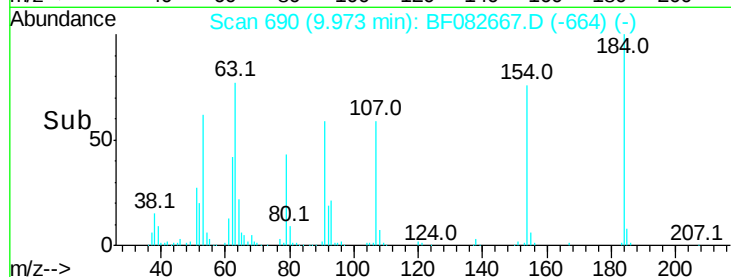
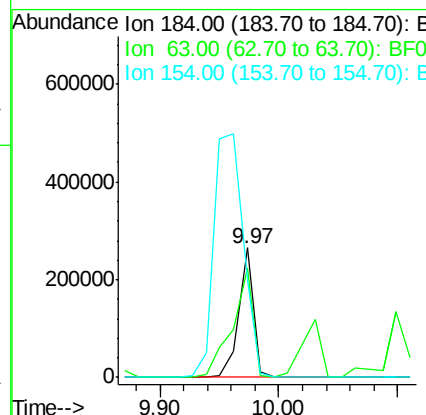
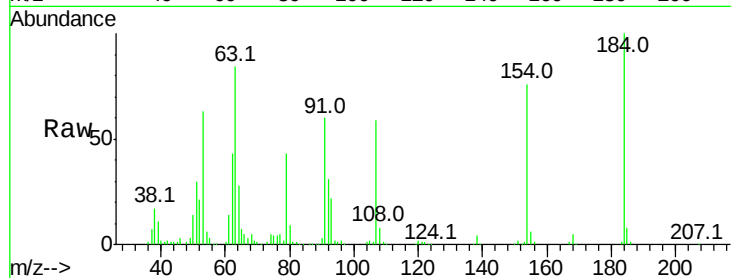
#53
2,4-Dinitrophenol
Concen: 75.04 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Instrument :
BNA_F
ClientSampleId :
PB86400BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	231687		
63	84.0	98.6	148.0#	
154	75.8	183.9	275.9#	

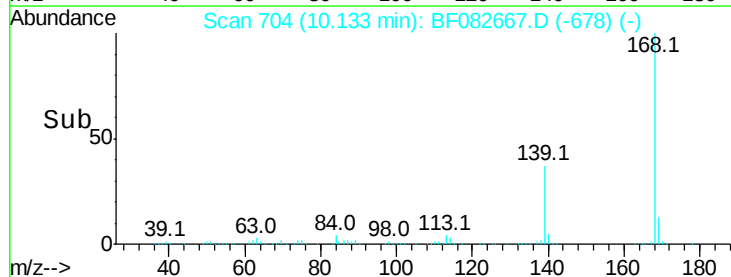
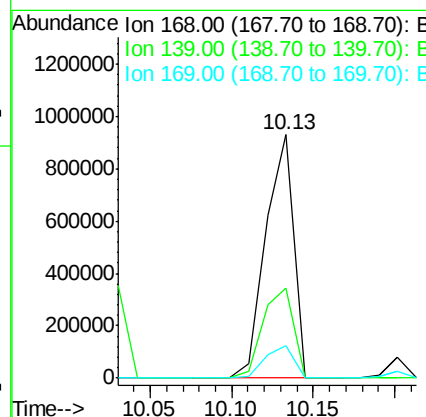
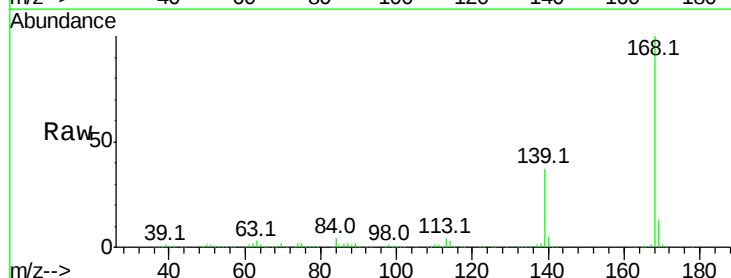
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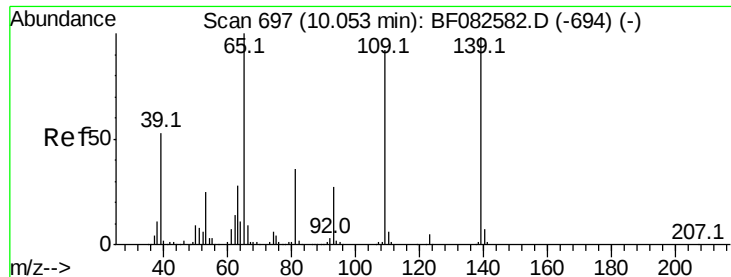
Mmdadoda
11/4/2015 5:26:16 PM



#54
Dibenzofuran
Concen: 35.28 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1104513		
139	37.1	37.8	56.6#	
169	13.2	11.3	16.9	





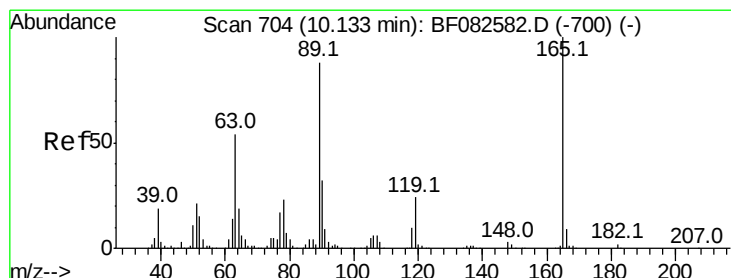
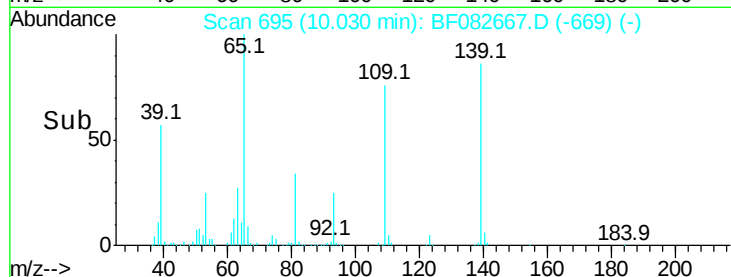
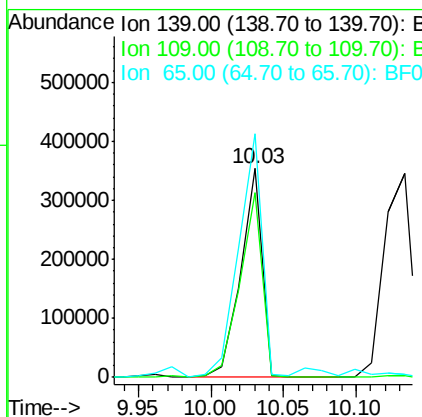
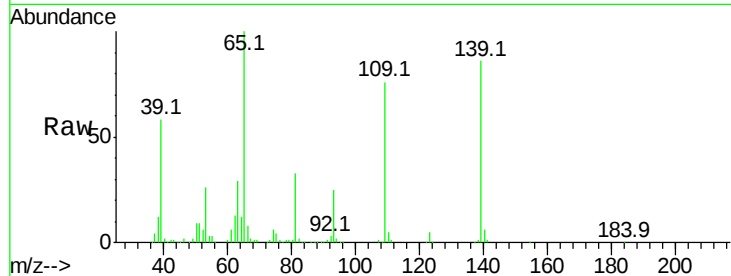
#55
4-Nitrophenol
Concen: 74.86 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Instrument :
BNA_F
ClientSampleId :
PB86400BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	88.6	73.7	113.7	
65	116.8	82.9	122.9	

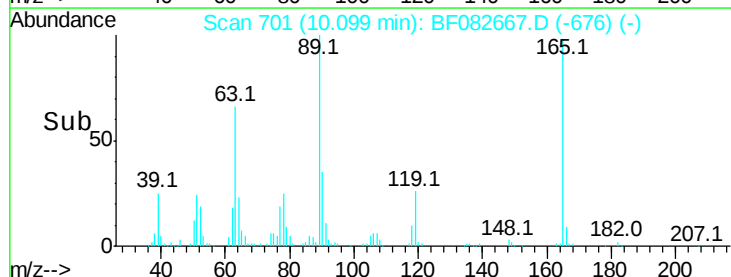
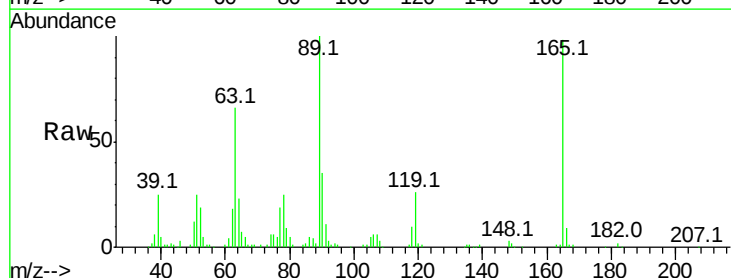
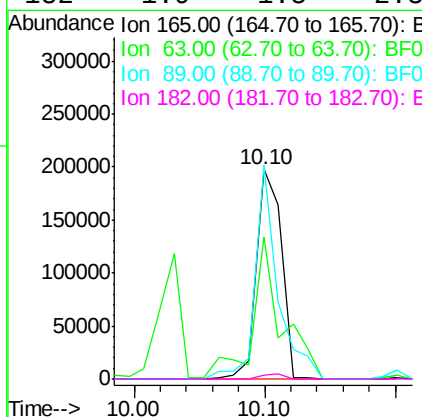
Manual Integrations
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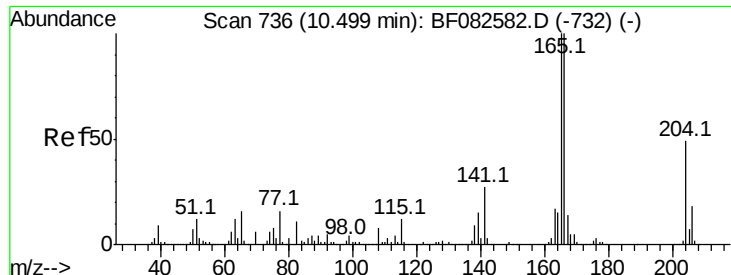
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#56
2,4-Dinitrotoluene
Concen: 33.43 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	67.5	43.4	65.0#	
89	101.9	70.6	106.0	
182	1.9	1.5	2.3	





#57

Fluorene

Concen: 32.36 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

ClientSampleId :

PB86400BS

Tot Ion:166 Resp: 817069

Ion Ratio Lower Upper

166 100

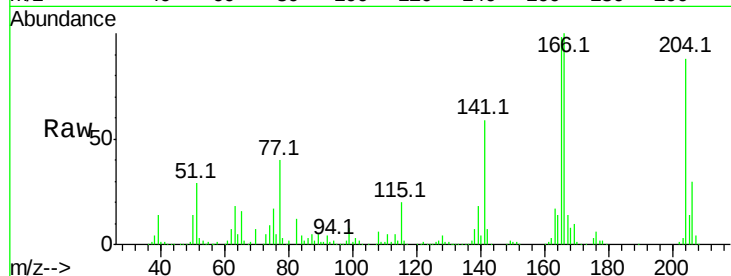
165 97.6 80.2 120.4

167 13.7 11.2 16.8

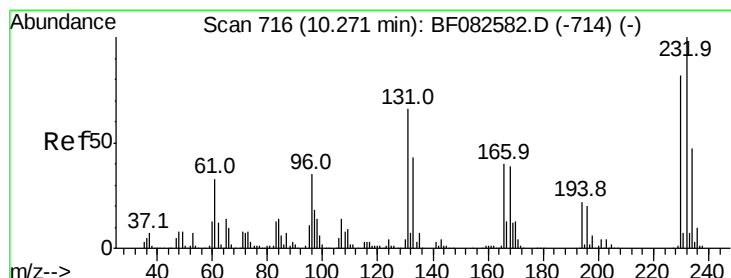
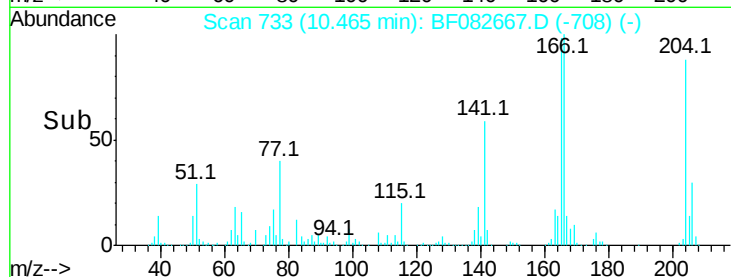
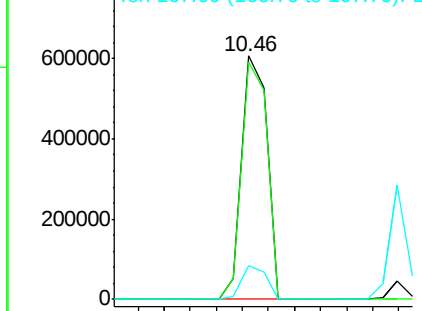
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.14 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Tgt Ion:232 Resp: 252583

Ion Ratio Lower Upper

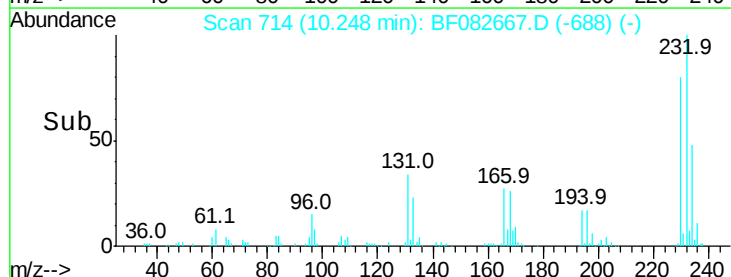
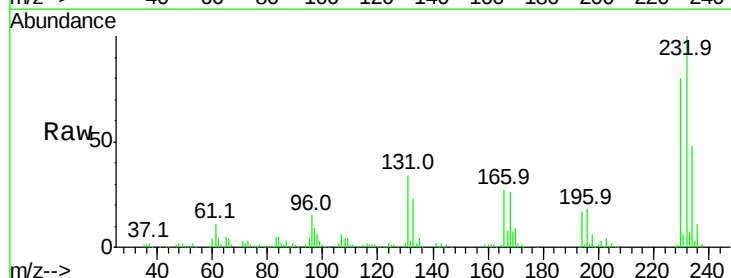
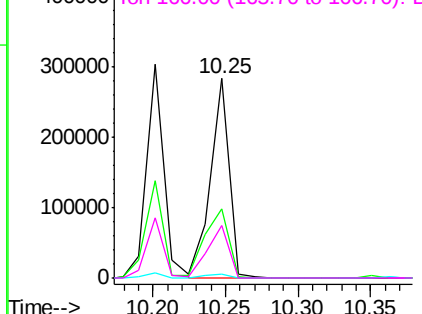
232 100

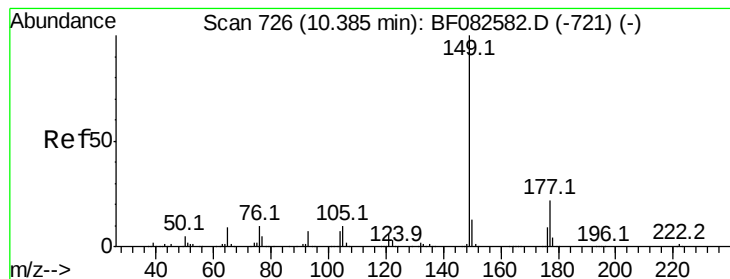
131 44.1 46.2 69.2#

130 2.2 2.4 3.6#

166 30.2 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: 33.71 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

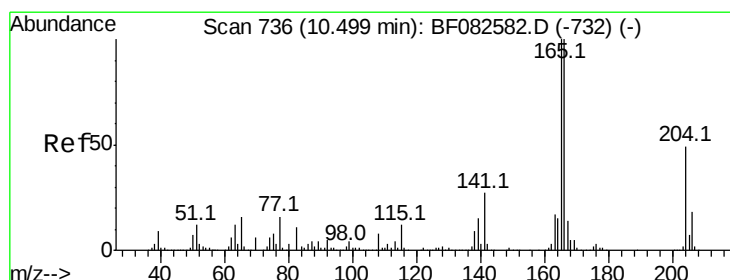
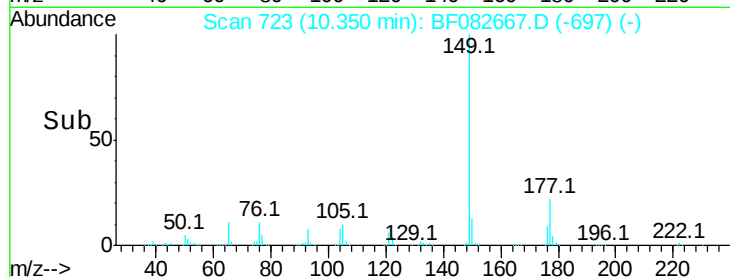
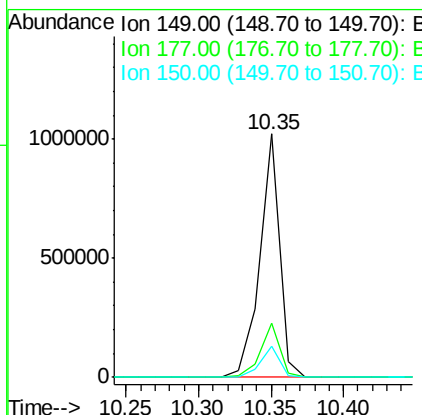
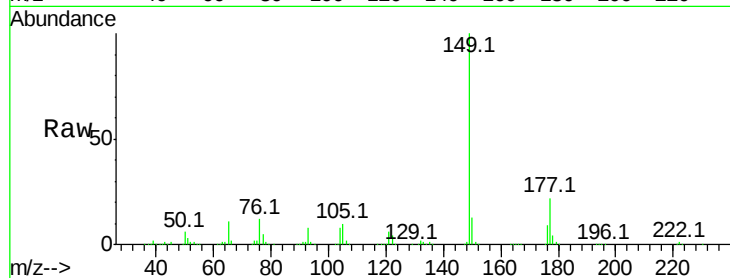
ClientSampleId :

PB86400BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	965439		
177	22.1	17.9	26.9	
150	13.0	10.1	15.1	

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#60

4-Chlorophenyl-phenylether

Concen: 35.10 ng

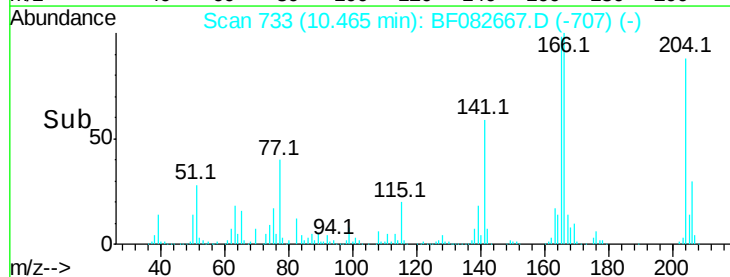
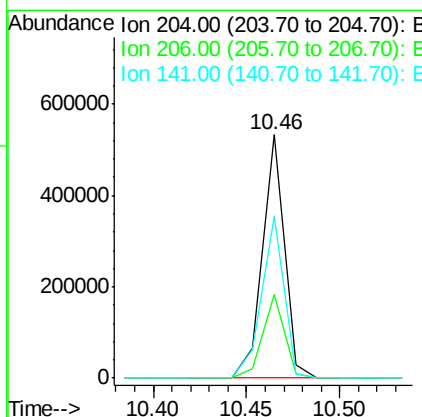
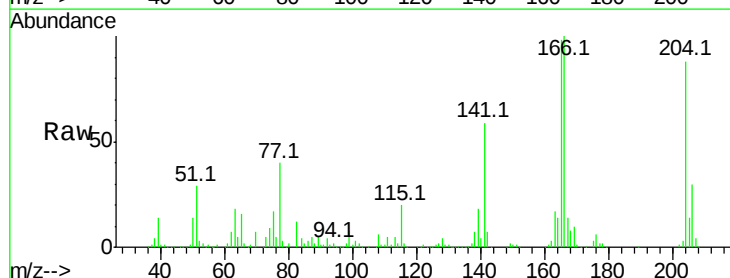
RT: 10.46 min Scan# 733

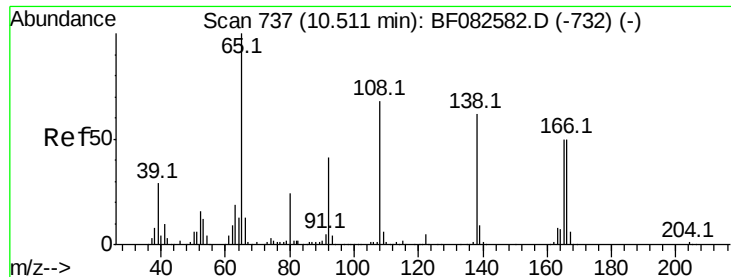
Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	430777		
206	34.4	28.5	42.7	
141	66.5	44.6	66.8	





#61

4-Nitroaniline

Concen: 28.57 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

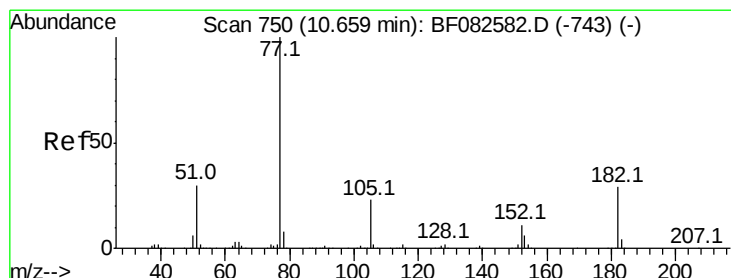
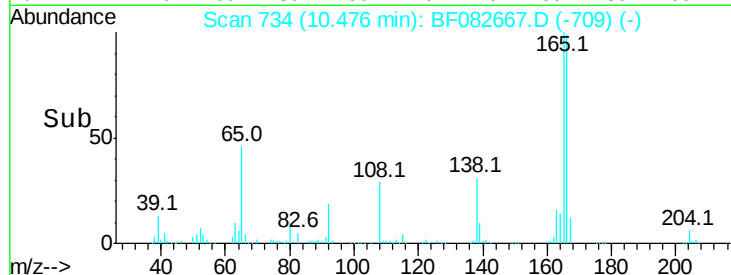
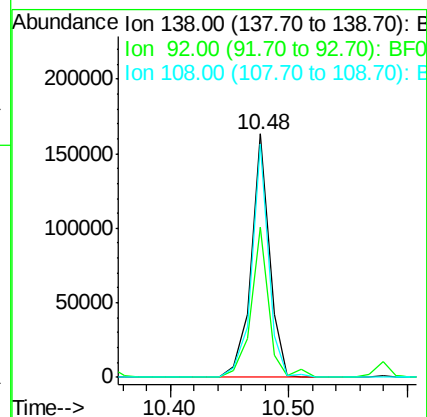
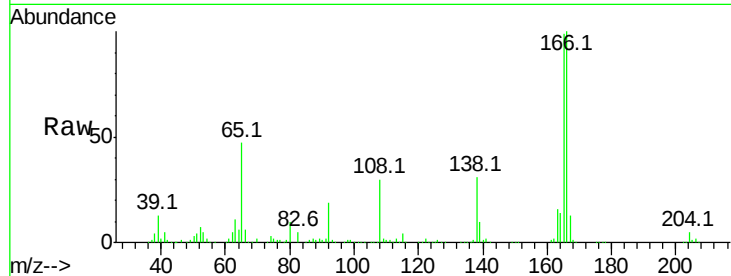
ClientSampleId :

PB86400BS

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Tot Ion:138	Resp:	176891
Ion Ratio	Lower	Upper
138 100		
92 61.6	45.8	85.8
108 95.6	89.4	129.4



#62

Azobenzene

Concen: 34.35 ng

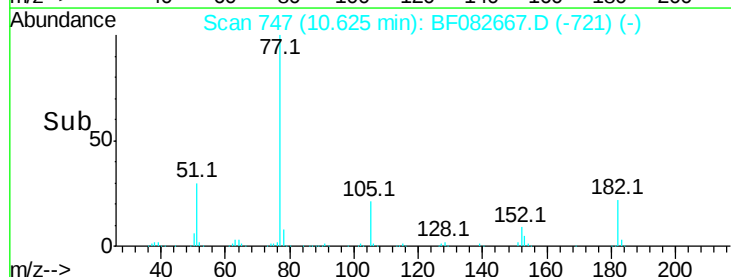
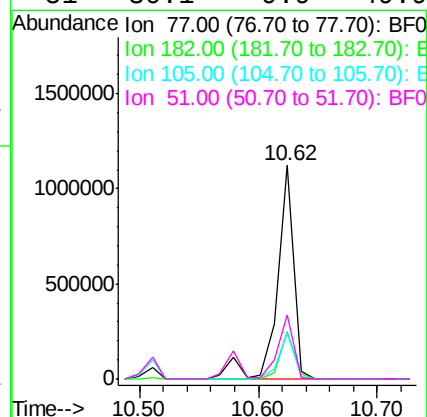
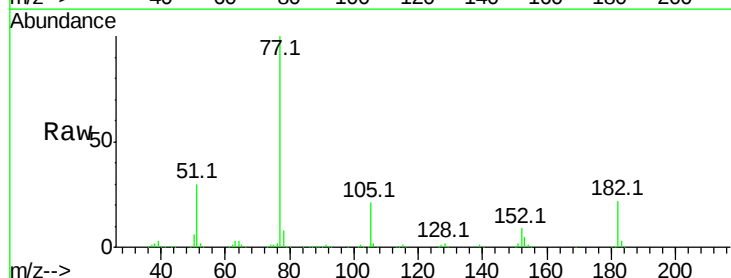
RT: 10.62 min Scan# 747

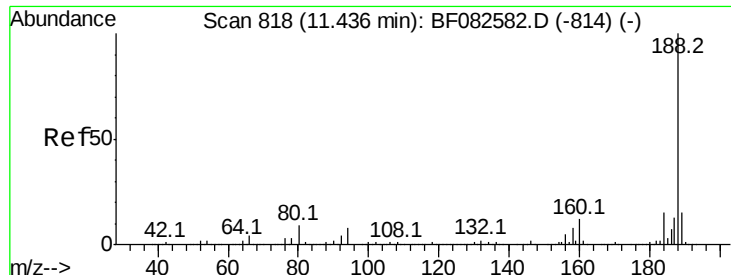
Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Tgt Ion: 77	Resp: 1109574
Ion Ratio	Lower Upper
77 100	
182 22.0	9.3 49.3
105 21.3	2.6 42.6
51 30.1	9.9 49.9





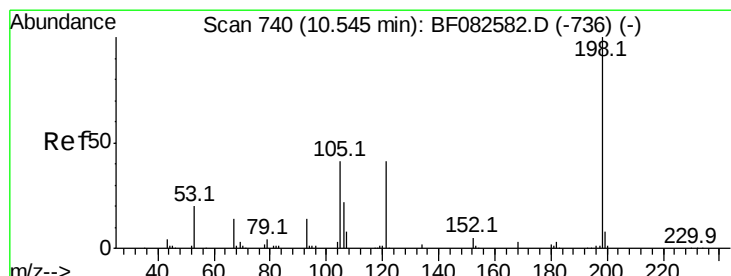
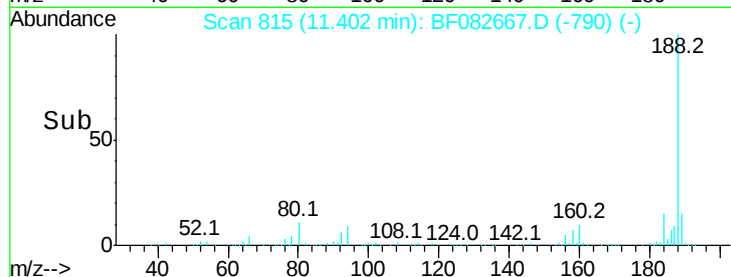
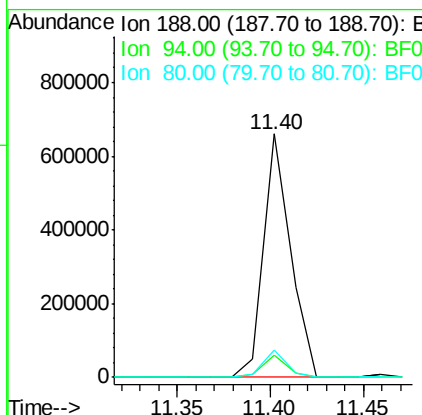
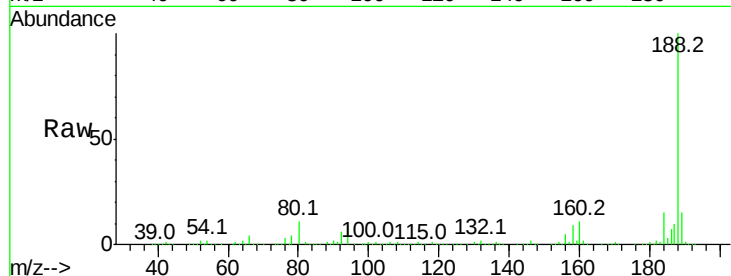
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Instrument :
BNA_F
ClientSampleId :
PB86400BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	656497		
94	9.4	6.1	9.1#	
80	11.2	7.0	10.6#	

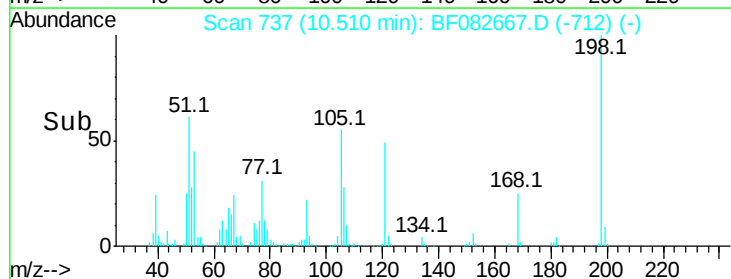
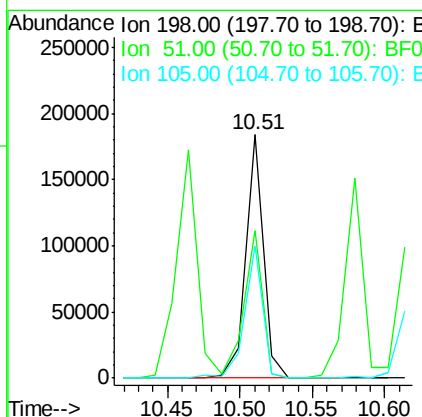
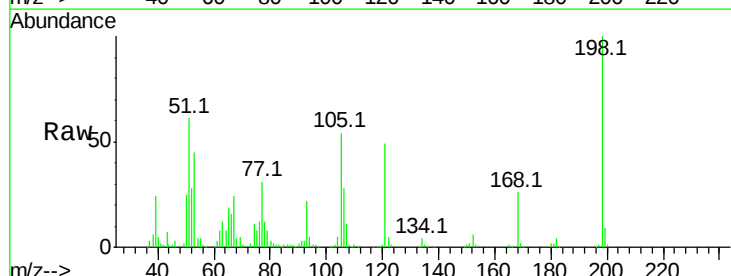
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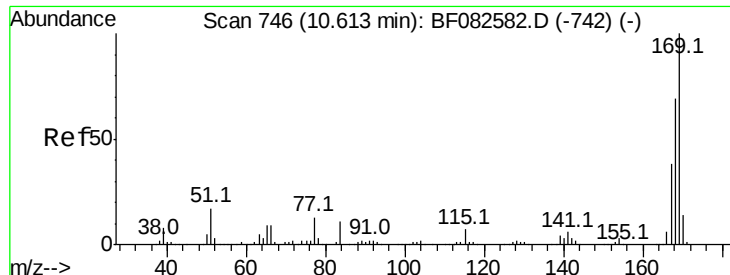
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.13 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	154925		
51	60.8	17.3	57.3#	
105	54.5	21.7	61.7	





#65

n-Nitrosodiphenylamine

Concen: 30.85 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

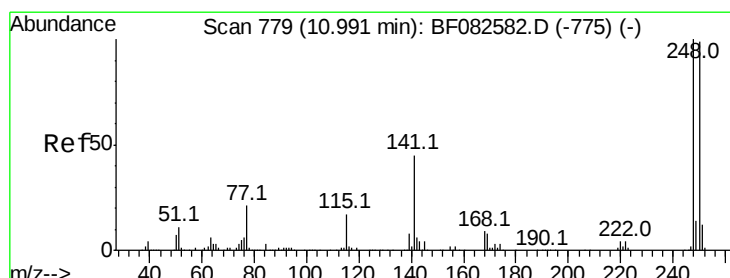
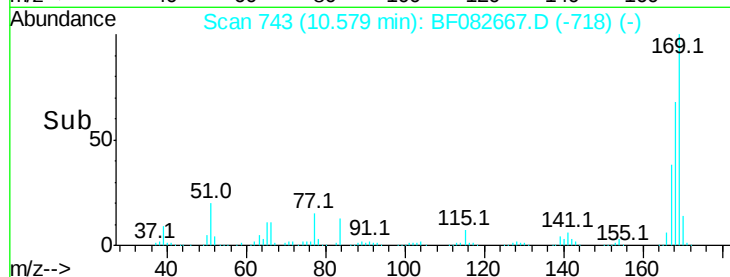
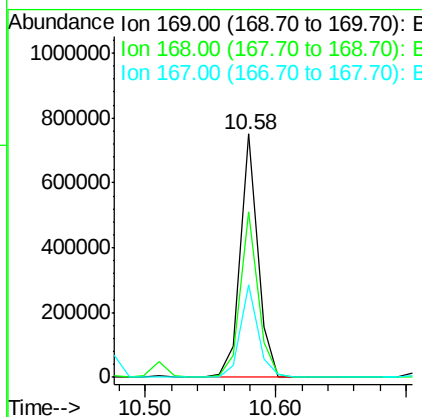
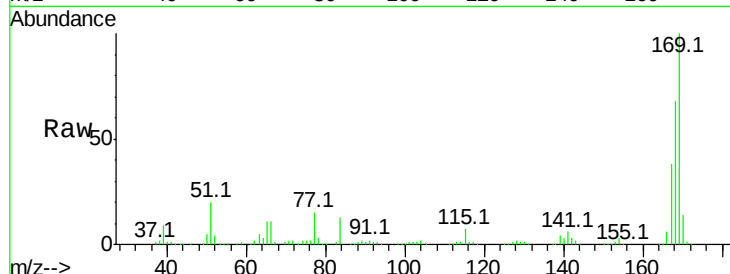
ClientSampleId :

PB86400BS

Tot Ion:	169	Resp:	696309
Ion Ratio	Lower	Upper	
169	100		
168	68.1	55.0	82.6
167	37.8	30.5	45.7

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#66

4-Bromophenyl-phenylether

Concen: 36.81 ng

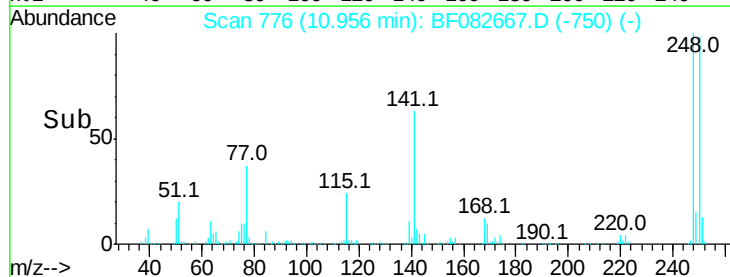
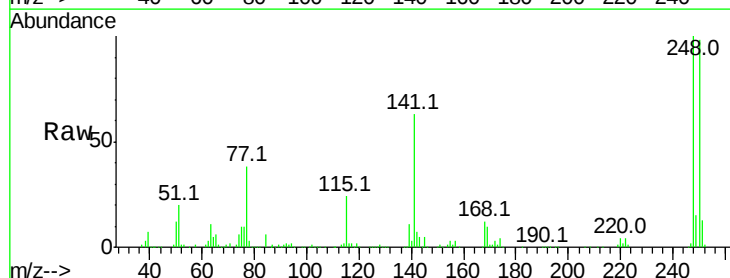
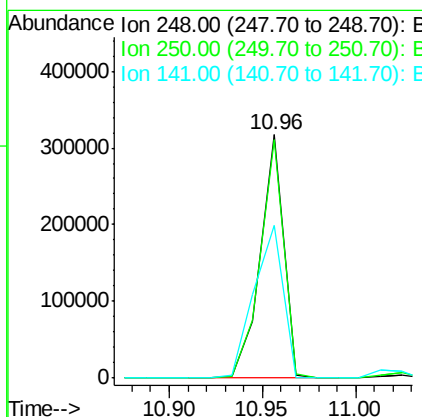
RT: 10.96 min Scan# 776

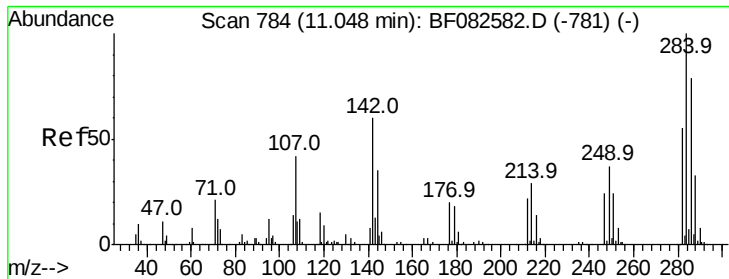
Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Tgt Ion:	248	Resp:	273885
Ion Ratio	Lower	Upper	
248	100		
250	98.1	79.4	119.2
141	62.5	36.3	54.5#





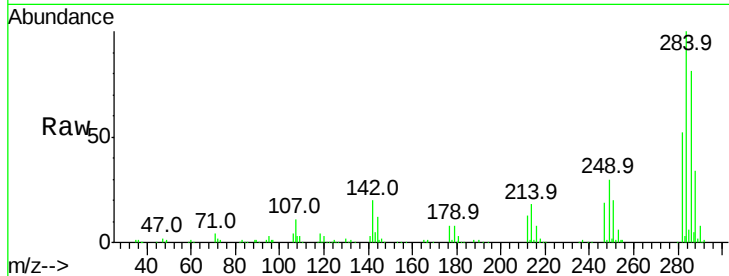
#67
Hexachlorobenzene
Concen: 35.64 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Instrument :
BNA_F
ClientSampleId :
PB86400BS

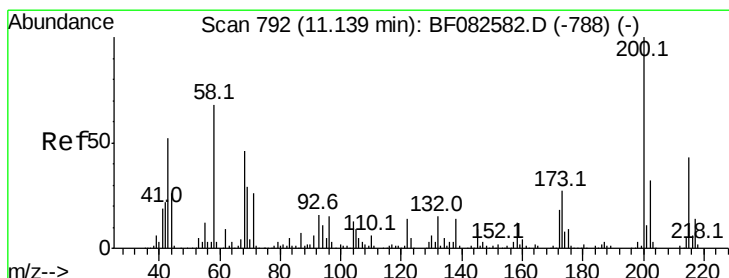
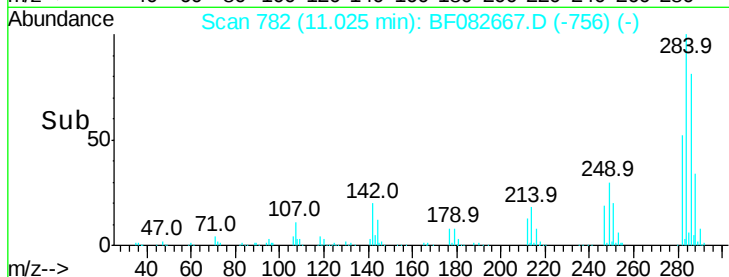
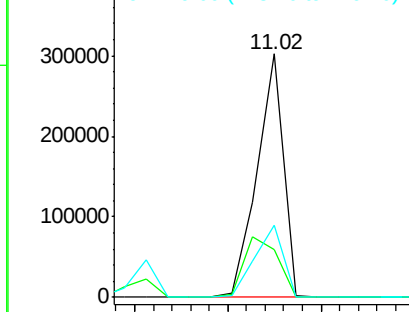
Tot Ion	Ratio	Resp	Lower	Upper
284	100	294026		
142	19.8	47.9	71.9#	
249	29.8	29.7	44.5	

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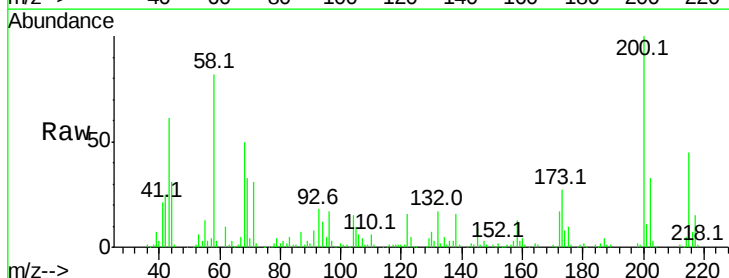


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

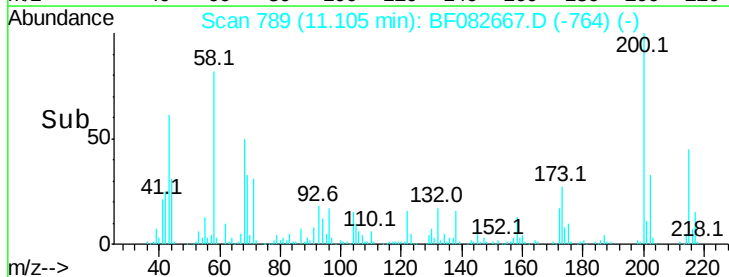
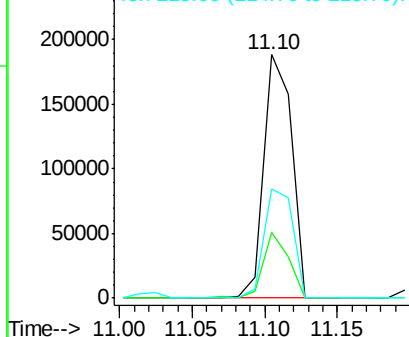


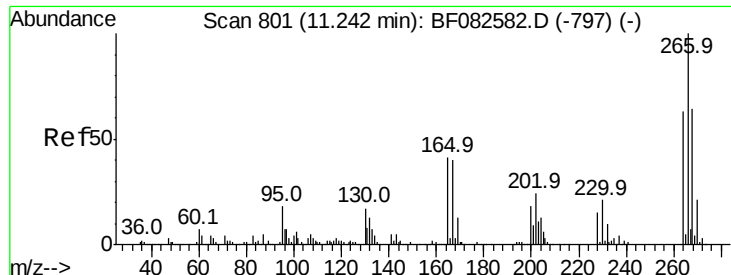
#68
Atrazine
Concen: 33.96 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	250720		
173	27.1	6.9	46.9	
215	44.7	22.9	62.9	



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





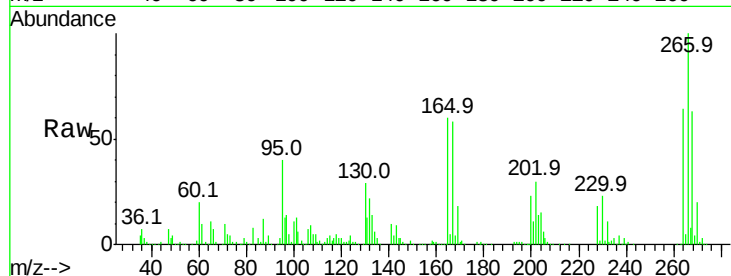
#69
 Pentachlorophenol
 Concen: 63.73 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB86400BS

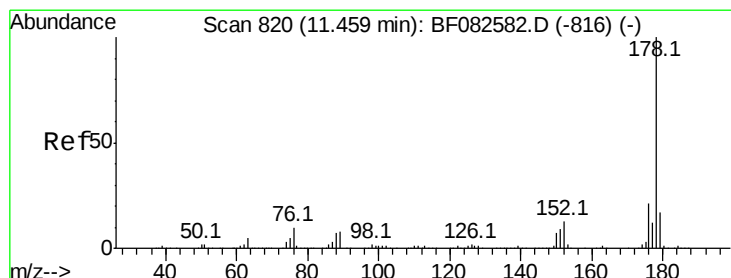
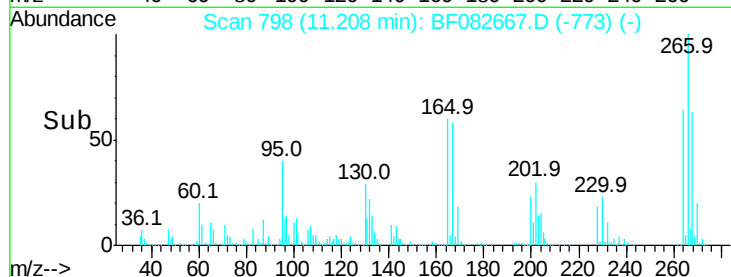
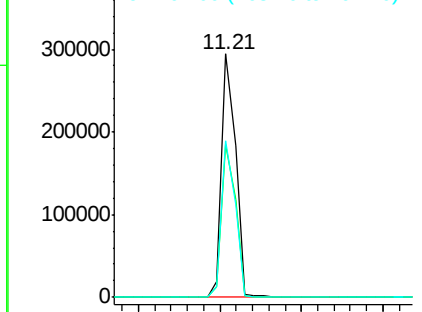
Tot Ion	Ratio	Resp	Lower	Upper
266	100	346657		
268	62.8		51.0	76.6
264	64.3		50.6	75.8

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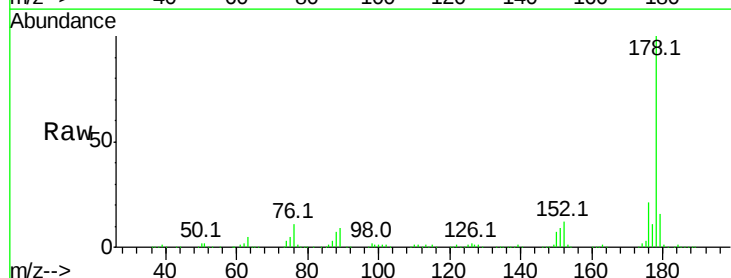


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

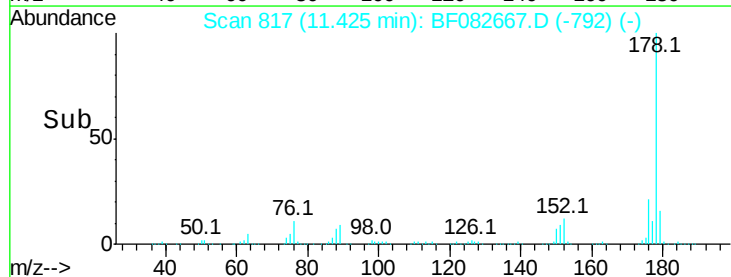
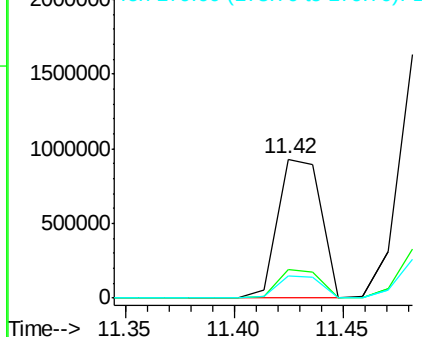


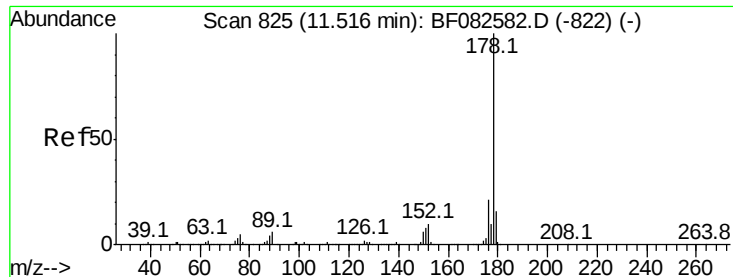
#70
 Phenanthrene
 Concen: 34.83 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1289581		
176	20.5		17.0	25.4
179	16.1		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: 37.02 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

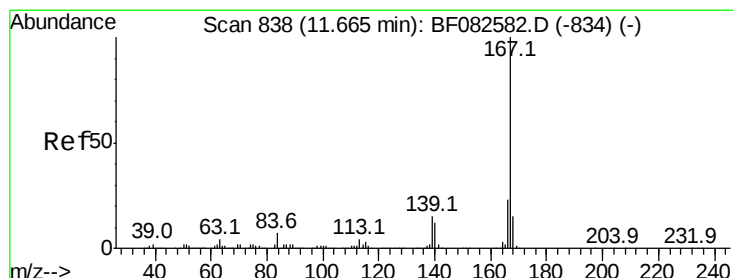
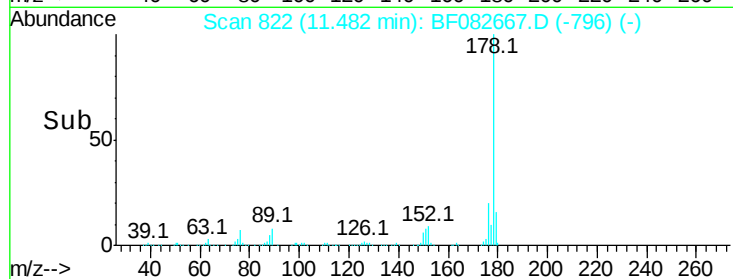
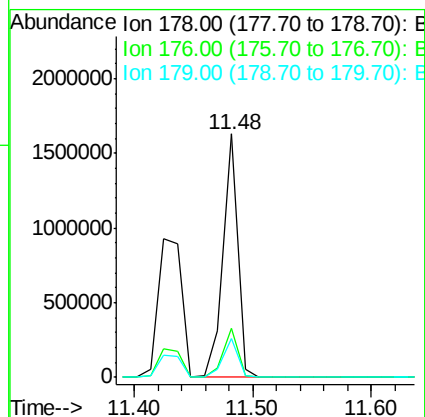
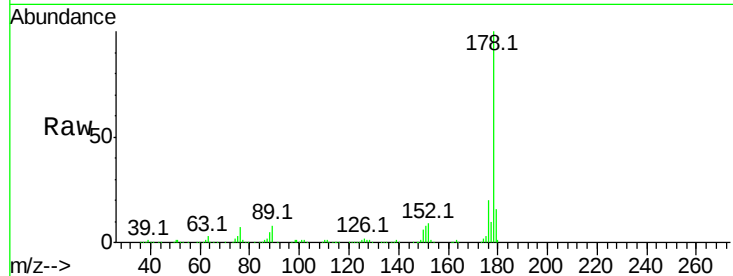
Instrument :
 BNA_F
 ClientSampleId :
 PB86400BS

Tot Ion:178 Resp: 1380025

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.5	24.7
179	16.2	13.2	19.8

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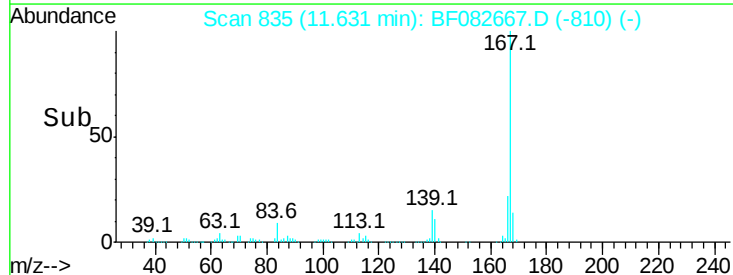
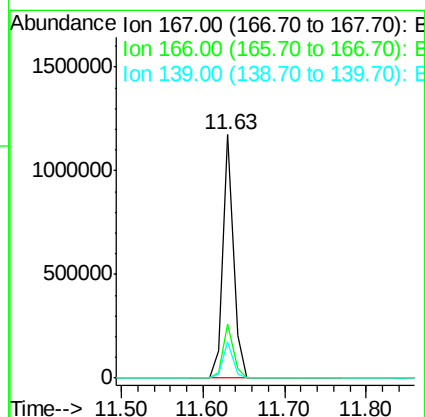
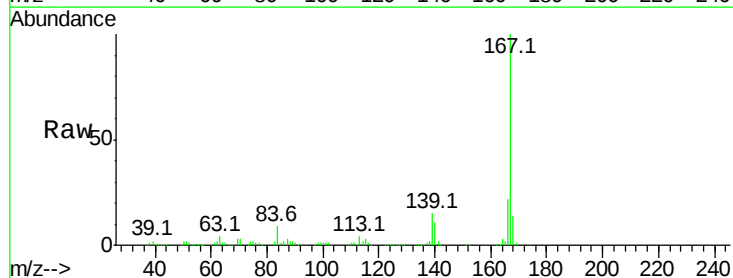
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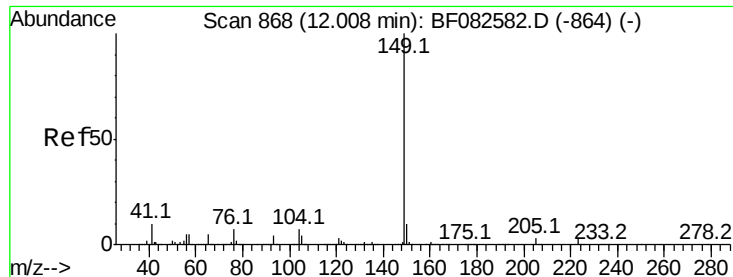


#72
 Carbazole
 Concen: 32.29 ng
 RT: 11.63 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Tgt Ion:167 Resp: 1048570

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.7	28.1
139	14.6	11.8	17.6





#73

Di-n-butylphthalate

Concen: 34.29 ng

RT: 11.97 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

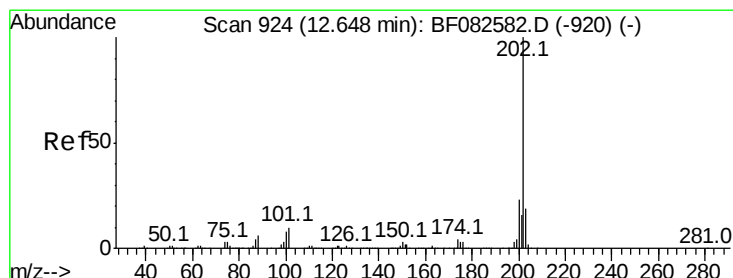
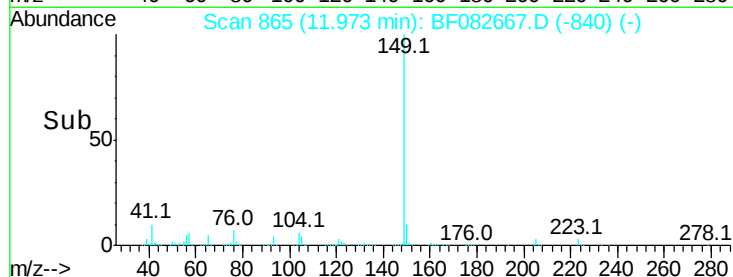
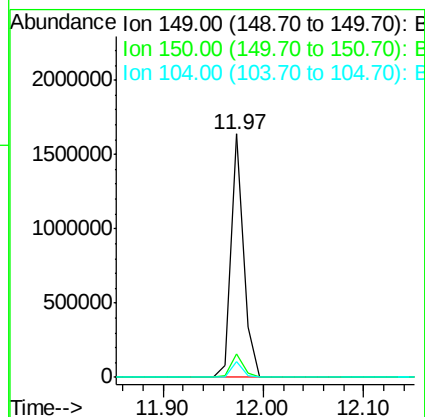
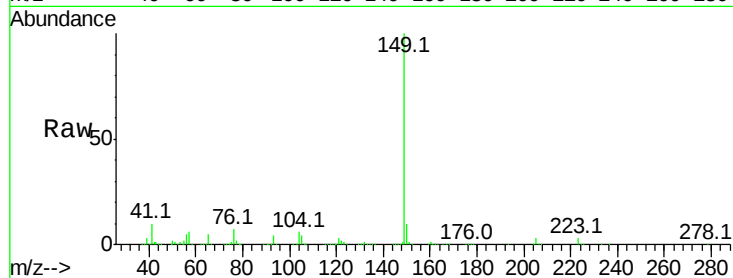
ClientSampleId :

PB86400BS

Tot Ion:	149	Resp:	1417421
Ion Ratio	Lower	Upper	
149	100		
150	9.8	8.1	12.1
104	6.2	5.2	7.8

Manual Integrations
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#74

Fluoranthene

Concen: 33.57 ng

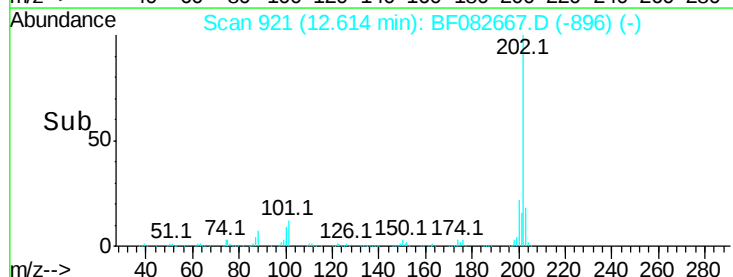
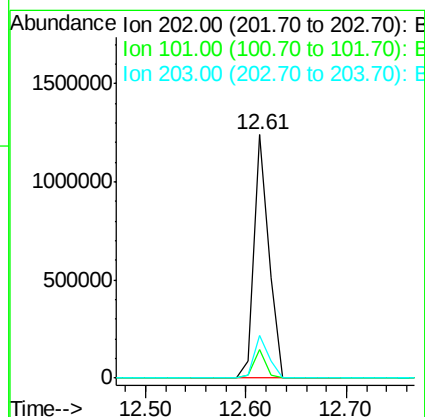
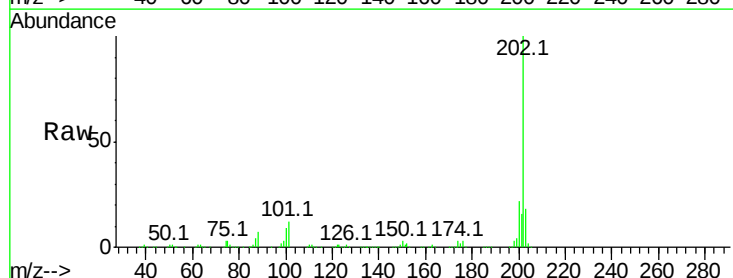
RT: 12.61 min Scan# 921

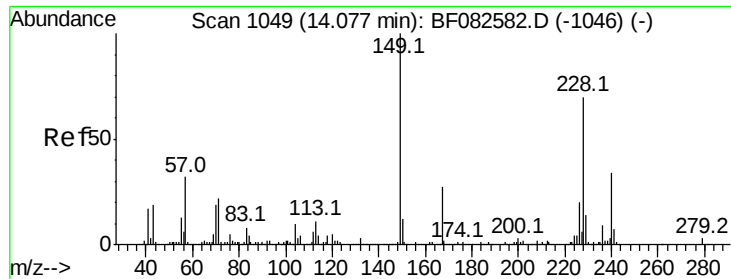
Delta R.T. -0.01 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Tgt Ion:	202	Resp:	1270558
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	30.5
203	17.7	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

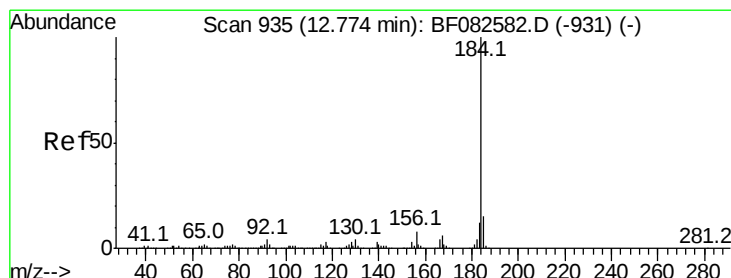
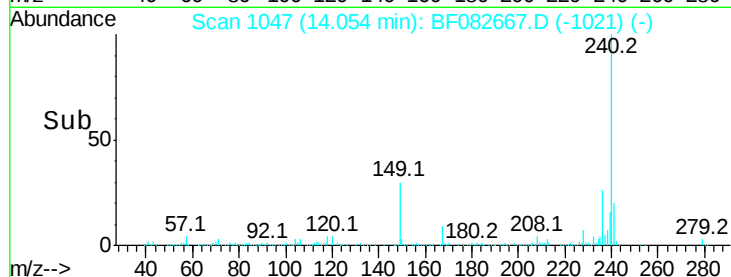
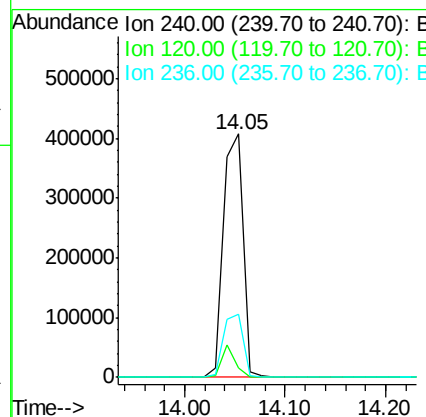
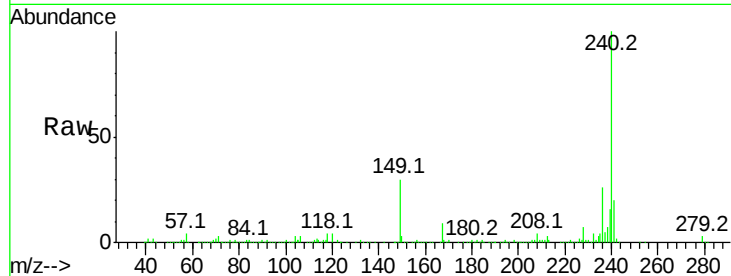
ClientSampleId :

PB86400BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	554365		
120	3.8	10.9	16.3#	
236	25.9	21.6	32.4	

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#76

Benzidine

Concen: 24.81 ng

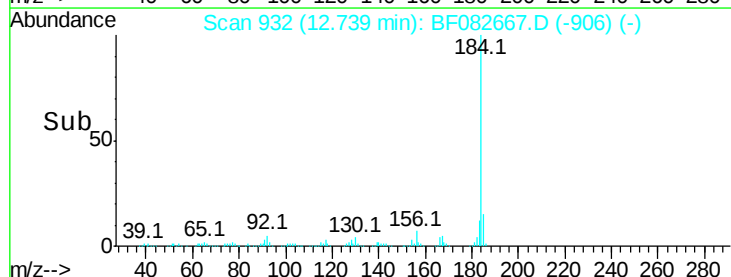
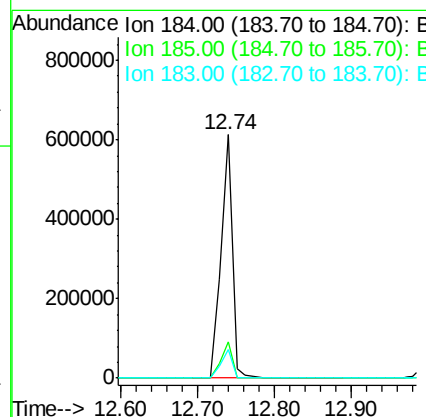
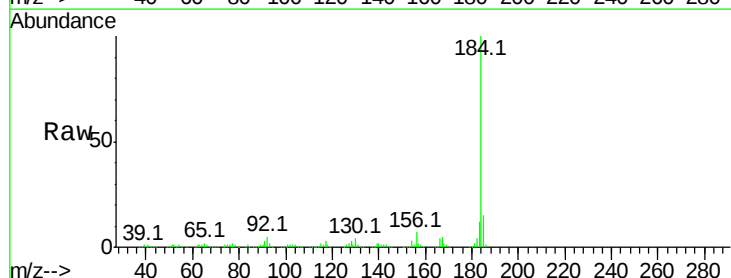
RT: 12.74 min Scan# 932

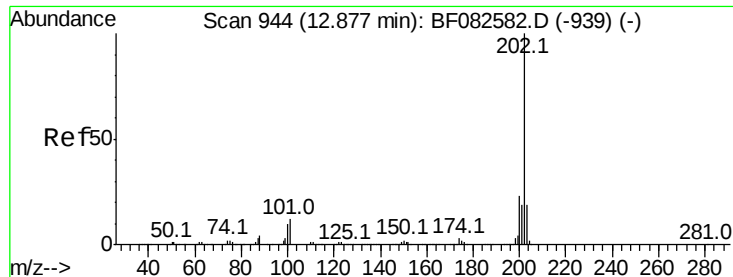
Delta R.T. -0.00 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	620301		
185	14.7	12.0	18.0	
183	11.6	9.6	14.4	





#77

Pvrene

Concen: 30.99 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

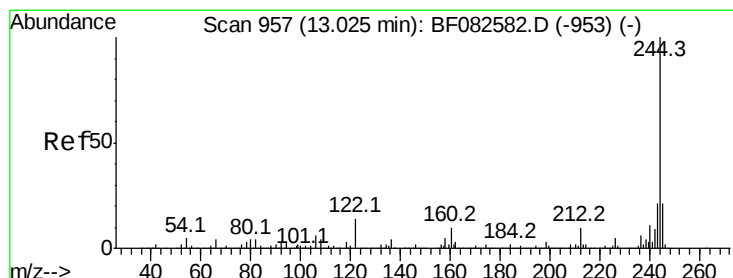
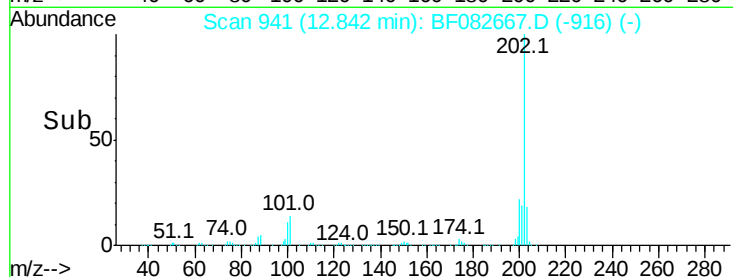
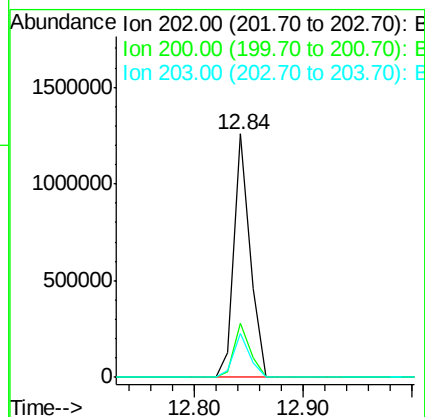
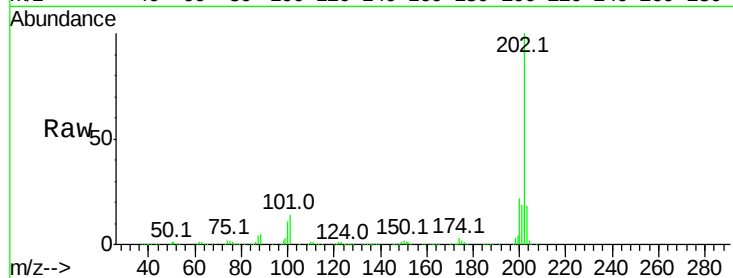
ClientSampleId :

PB86400BS

Tot Ion:	202	Resp:	1272121
Ion Ratio	Lower	Upper	
202	100		
200	22.3	18.7	28.1
203	18.1	14.8	22.2

Manual Integrations
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#78

Terphenyl-d14

Concen: 70.57 ng

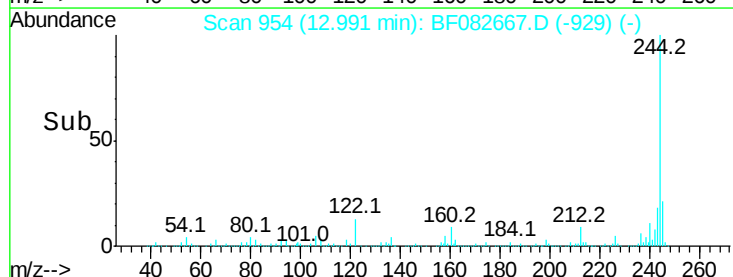
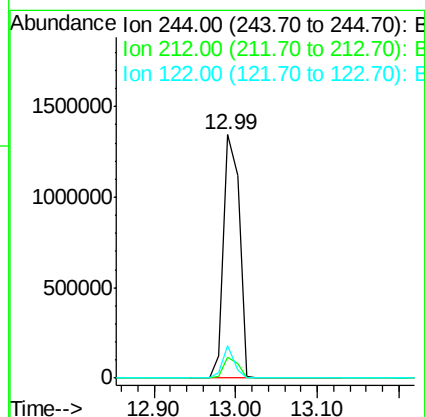
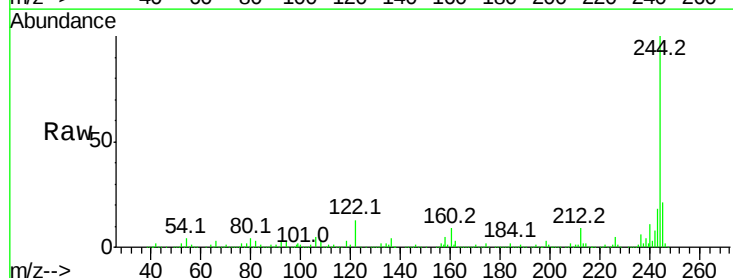
RT: 12.99 min Scan# 954

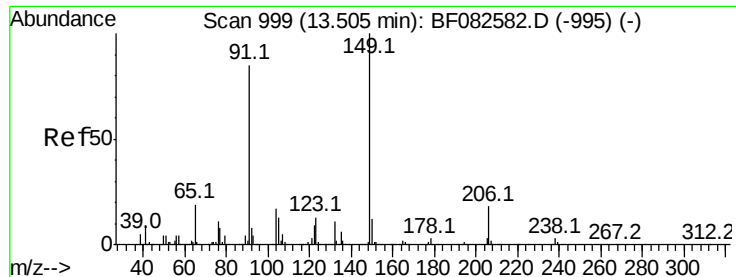
Delta R.T. -0.01 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Tgt Ion:	244	Resp:	1787520
Ion Ratio	Lower	Upper	
244	100		
212	8.8	7.6	11.4
122	13.3	11.3	16.9





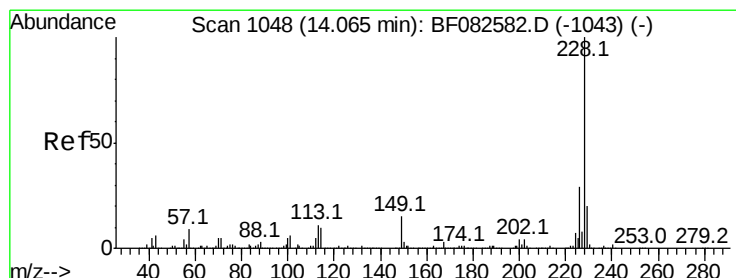
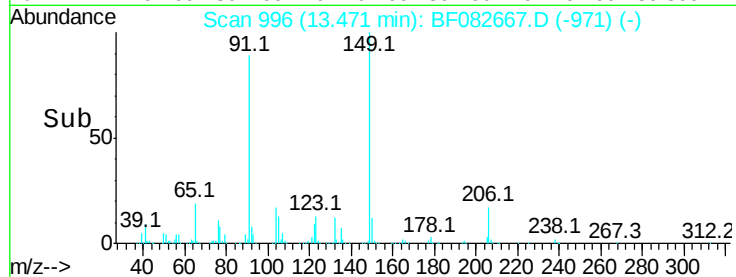
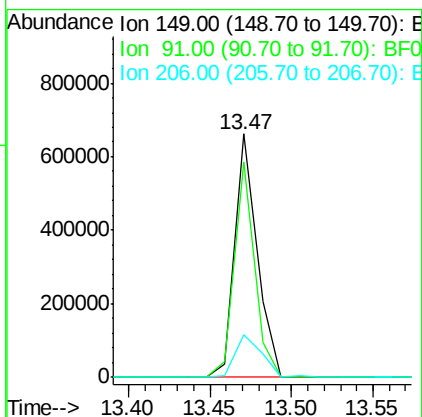
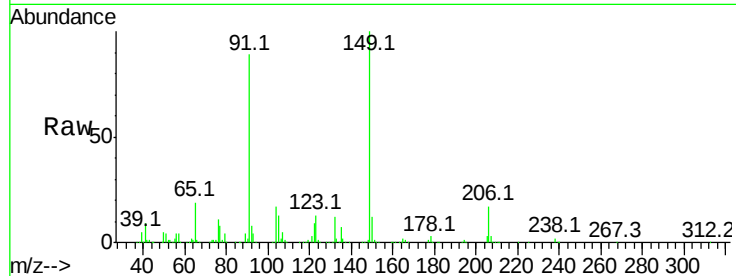
#79
Butylbenzylphthalate
Concen: 34.57 ng
RT: 13.47 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Instrument :
BNA_F
ClientSampleId :
PB86400BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	621559		
91	88.6	67.7	101.5	
206	17.3	14.6	22.0	

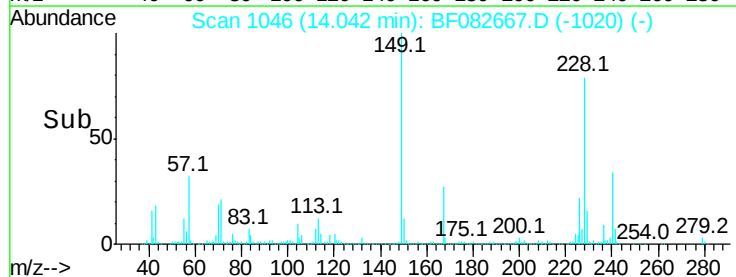
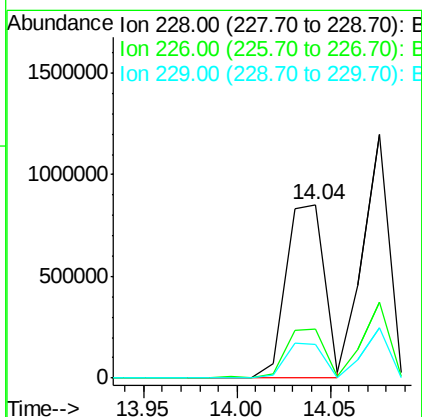
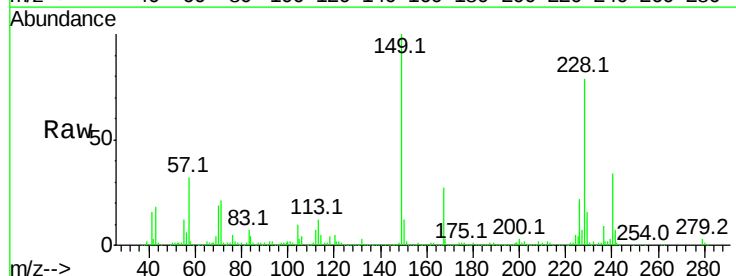
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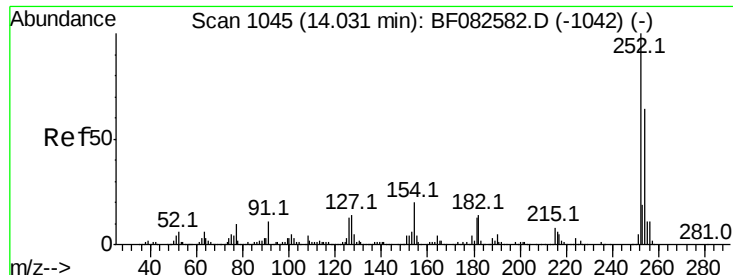
Mmdadoda
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#80
Benzo(a)anthracene
Concen: 34.81 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1225835		
226	27.9	23.4	35.2	
229	19.5	16.3	24.5	





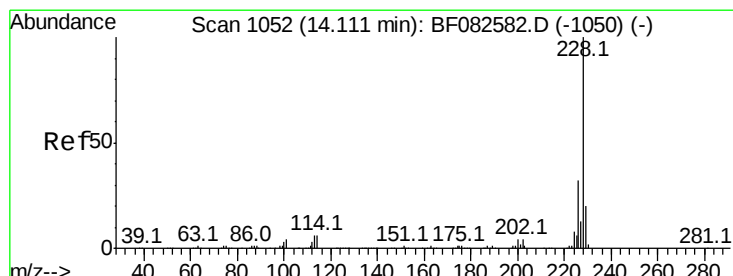
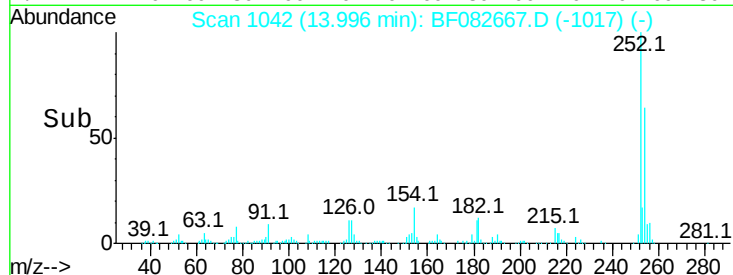
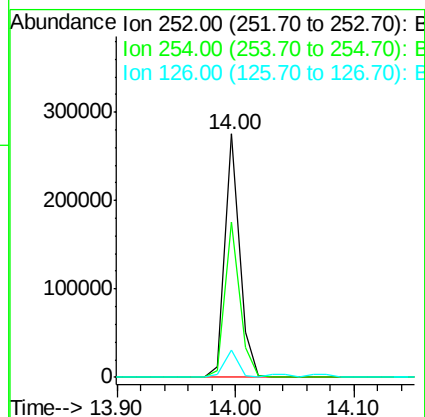
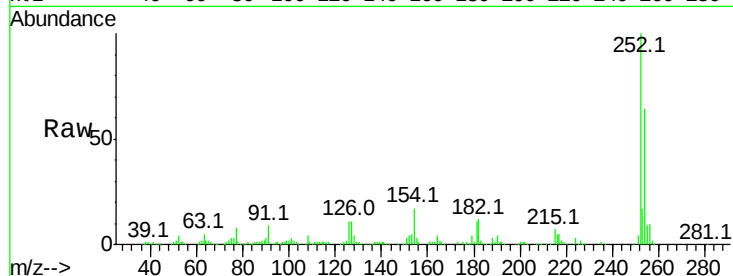
#81
 3,3'-Dichlorobenzidine
 Concen: 19.41 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB86400BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.7	51.4	77.0
126	11.0	10.7	16.1

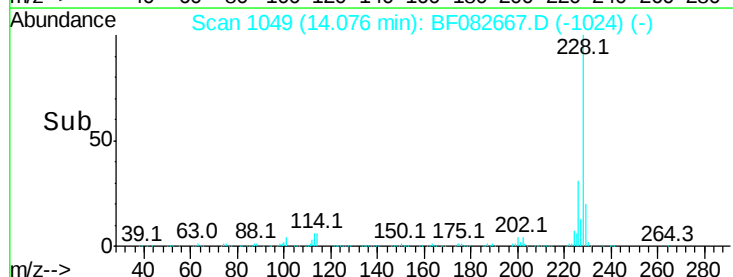
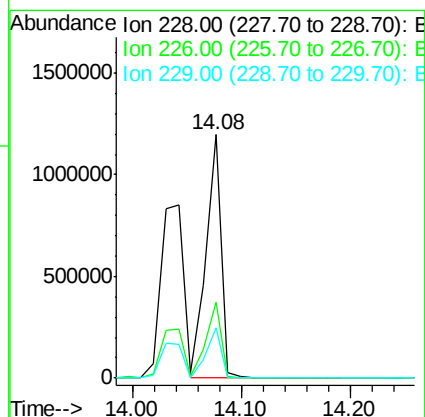
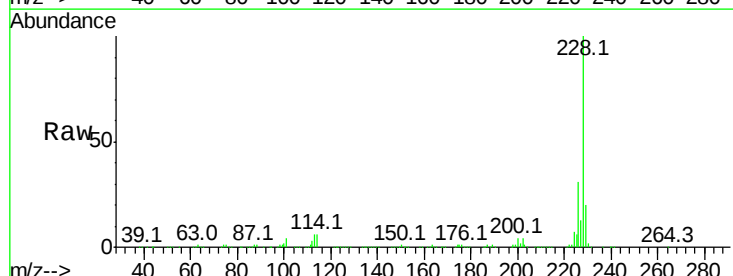
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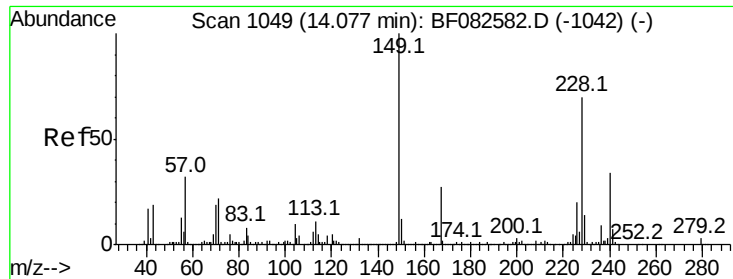
Mmdadoda
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#82
 Chrysene
 Concen: 36.31 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.4	25.5	38.3
229	20.4	16.3	24.5





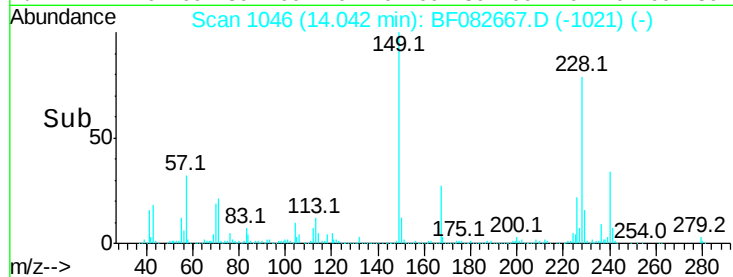
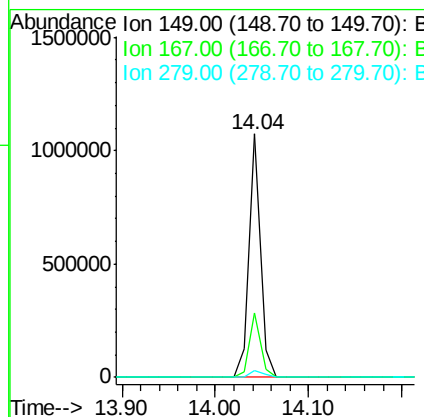
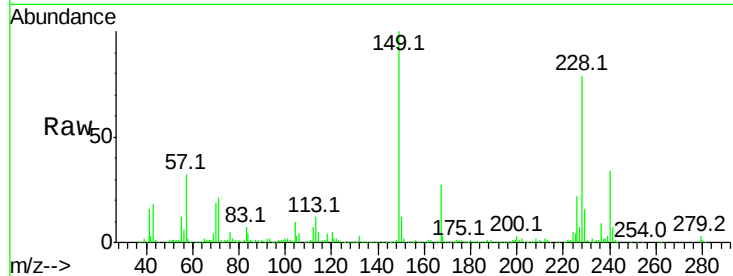
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.16 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB86400BS

Tot Ion:	149	Resp:	912727
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.2	31.8
279	2.7	2.2	3.2

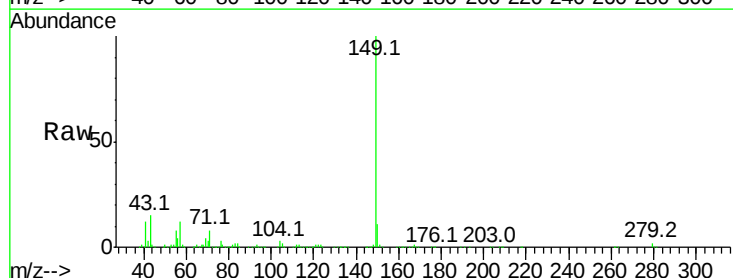
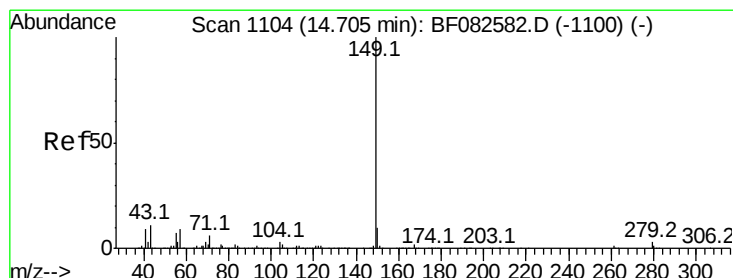
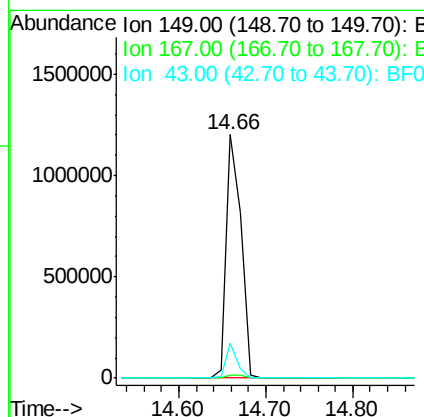
Manual Integrations
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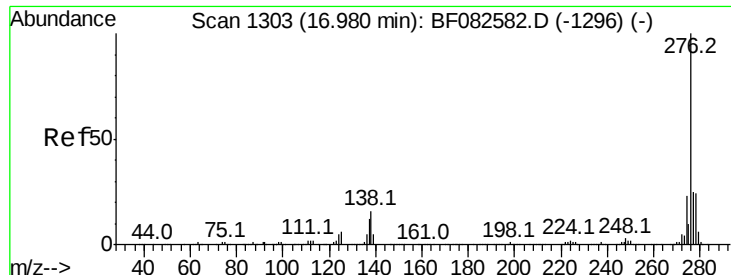
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 11/4/2015 5:26:16 PM



#84
 Di-n-octyl phthalate
 Concen: 39.35 ng
 RT: 14.66 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Tgt Ion:	149	Resp:	1430741
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	11.3	10.1	15.1





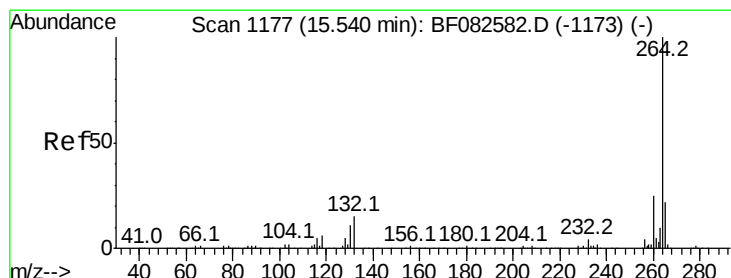
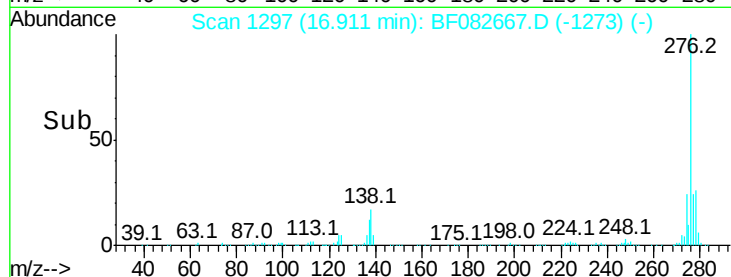
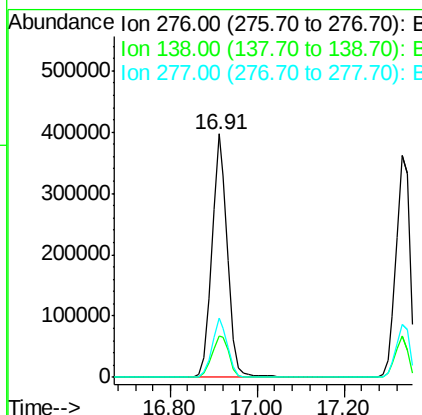
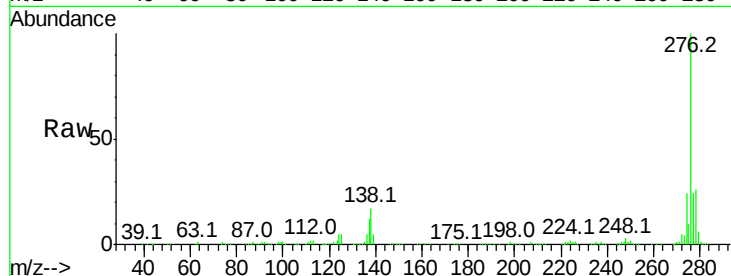
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.16 ng
 RT: 16.91 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB86400BS

Tot Ion:276 Resp: 1005080
 Ion Ratio Lower Upper
 276 100
 138 18.8 15.3 22.9
 277 24.6 20.2 30.4

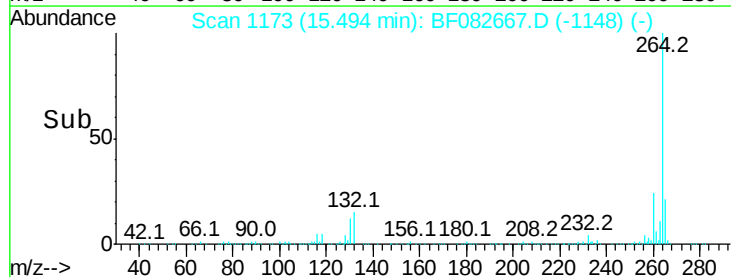
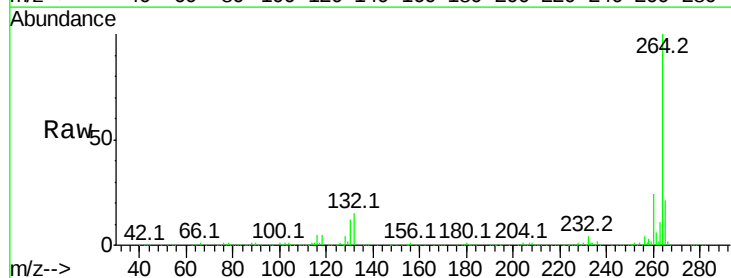
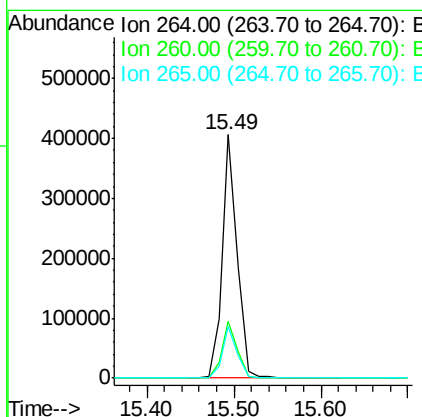
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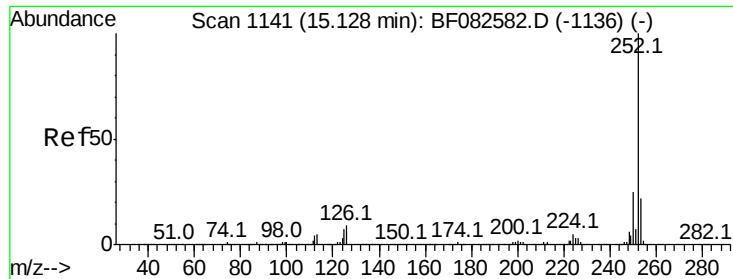
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Tgt Ion:264 Resp: 488344
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.8 29.6
 265 21.3 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 28.24 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Instrument :

BNA_F

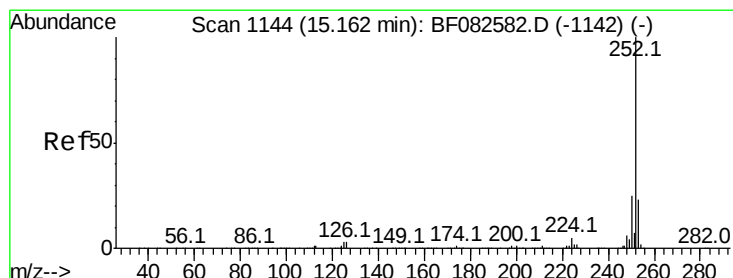
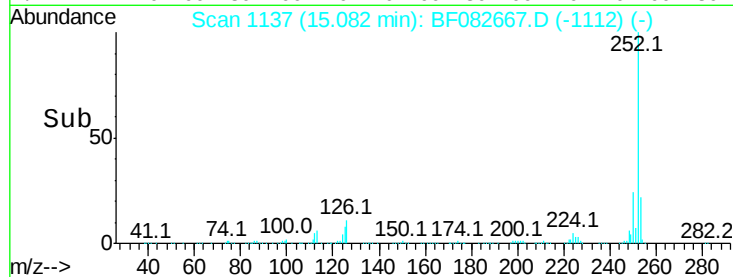
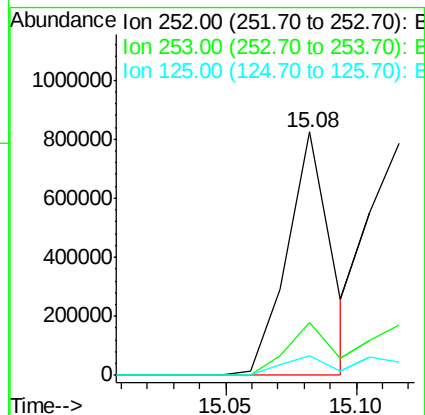
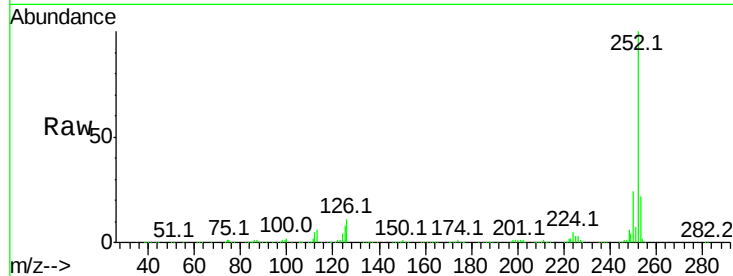
ClientSampleId :

PB86400BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	7.9	5.4	8.2

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 37.81 ng m

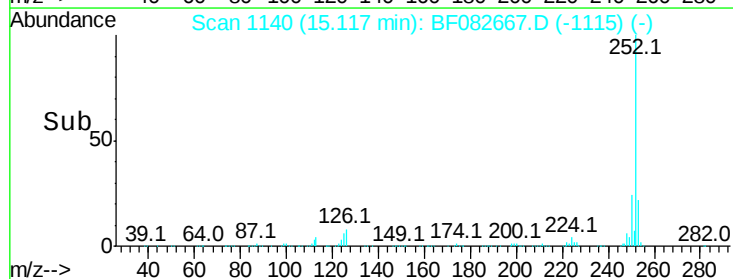
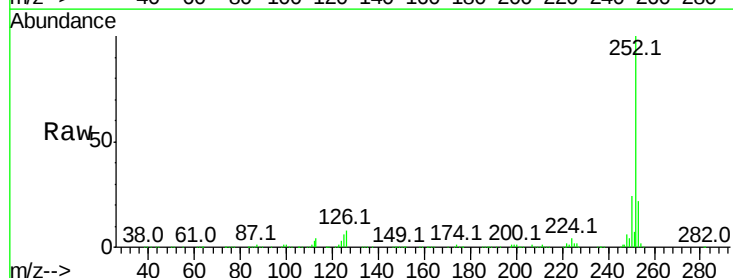
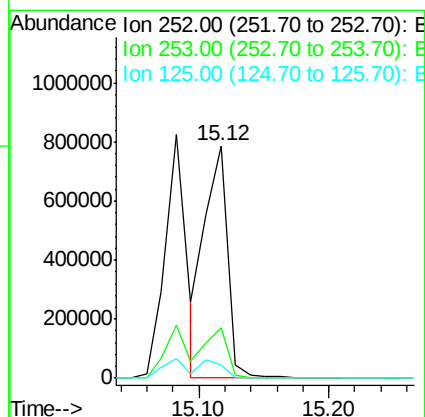
RT: 15.12 min Scan# 1140

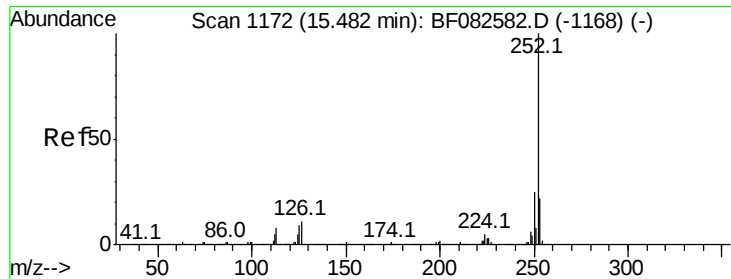
Delta R.T. -0.01 min

Lab File: BF082667.D

Acq: 3 Nov 2015 18:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	5.5	3.5	5.3#





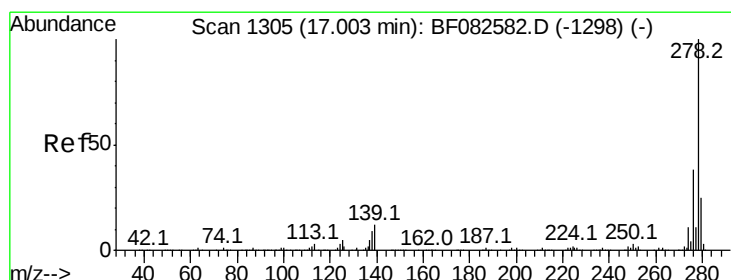
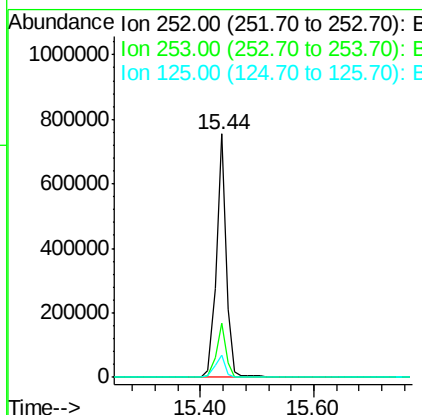
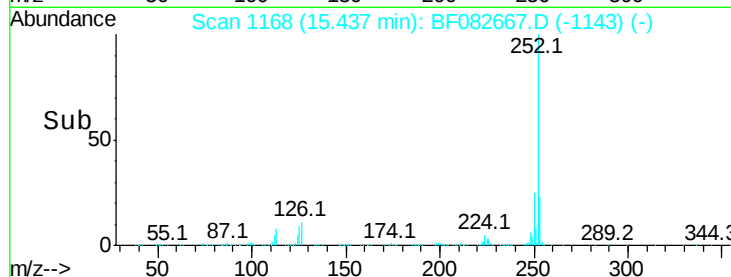
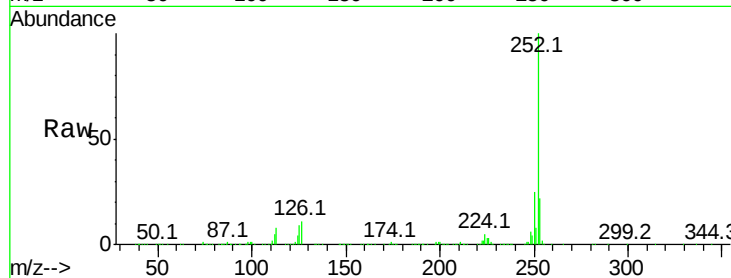
#89
Benzo(a)pyrene
Concen: 33.95 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Instrument :
BNA_F
ClientSampleId :
PB86400BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	9.2	7.1	10.7

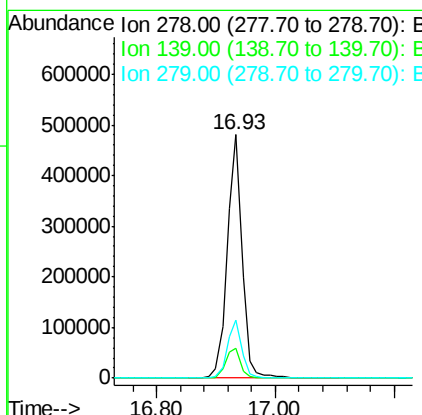
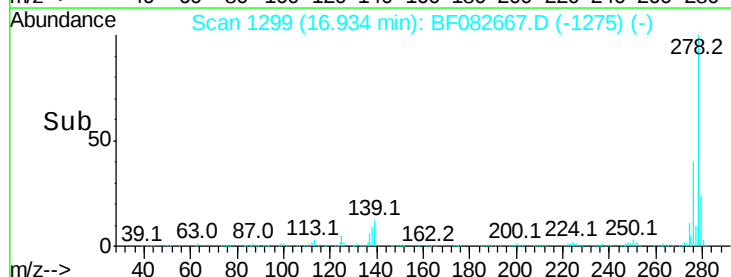
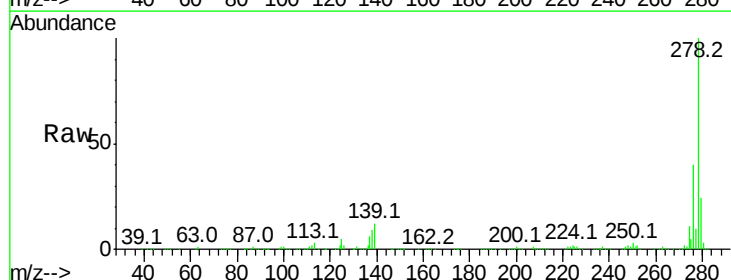
Manual Integrations
APPROVED

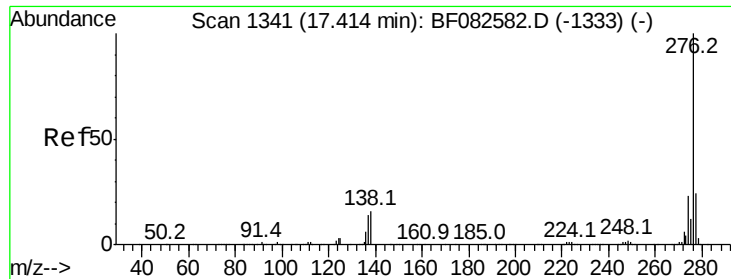
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#90
Dibenzo(a,h)anthracene
Concen: 33.64 ng
RT: 16.93 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF082667.D
Acq: 3 Nov 2015 18:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.0	9.9	14.9
279	23.8	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 33.81 ng
 RT: 17.33 min Scan# 1334
 Delta R.T. -0.02 min
 Lab File: BF082667.D
 Acq: 3 Nov 2015 18:21

Instrument :
 BNA_F
 ClientSampleId :
 PB86400BS

Tot Ion:	276	Resp:	810766
Ion Ratio	Lower	Upper	
276	100		
277	23.8	19.2	28.8
138	18.3	13.1	19.7

Manual Integrations
 APPROVED

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