

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110457.D
 Acq On : 5 Nov 2018 11:39
 Operator : JU/SJ
 Sample : PB114468BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114468BS

Manual Integrations
 APPROVED

Sohil
 11/6/2018 9:00:52 AM

Quant Time: Nov 05 12:34:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	82585	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	350952	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	166361	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	307879	20.00	ng	0.00
76) Chrysene-d12	14.14	240	224982	20.00	ng	0.00
87) Perylene-d12	15.66	264	162929	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	755787	149.03	ng	0.02
7) Phenol-d6	6.59	99	963310	148.51	ng	0.00
23) Nitrobenzene-d5	7.52	82	485688	82.08	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	245564	149.01	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	931778	87.95	ng	0.00
79) Terphenyl-d14	13.07	244	883439	81.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.93	88	128009	48.177	ng	89
3) Pyridine	3.68	79	239618	40.490	ng	# 84
4) n-Nitrosodimethylamine	3.64	42	112398	45.332	ng	# 89
6) Aniline	6.62	93	294840	34.892	ng	# 54
8) 2-Chlorophenol	6.75	128	248169	42.445	ng	99
9) Benzaldehyde	6.51	77	165196	45.710	ng	97
10) Phenol	6.60	94	307460	44.342	ng	# 67
11) bis(2-Chloroethyl)ether	6.69	93	227042	39.800	ng	97
12) 1,3-Dichlorobenzene	6.90	146	265404	41.248	ng	97
13) 1,4-Dichlorobenzene	6.97	146	269208	41.369	ng	100
14) 1,2-Dichlorobenzene	7.13	146	255145	42.235	ng	98
15) Benzyl Alcohol	7.10	79	210275	42.147	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.22	45	374158	41.022	ng	70
17) 2-Methylphenol	7.20	107	201550	43.254	ng	# 83
18) Hexachloroethane	7.46	117	100410	42.145	ng	95
19) n-Nitroso-di-n-propylamine	7.36	70	170456	40.960	ng	95
20) 3+4-Methylphenols	7.36	107	249797	41.472	ng	# 84
22) Acetophenone	7.36	105	344804	42.638	ng	# 93
24) Nitrobenzene	7.54	77	254425	41.649	ng	93
25) Isophorone	7.77	82	469552	46.555	ng	96
26) 2-Nitrophenol	7.86	139	131690	45.302	ng	91
27) 2,4-Dimethylphenol	7.89	122	225792	46.849	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	297960	43.486	ng	98
29) 2,4-Dichlorophenol	8.10	162	208895	42.901	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	224199	41.107	ng	96
31) Naphthalene	8.26	128	726865	44.938	ng	99
32) Benzoic acid	8.02	122	131830	35.391	ng	92
33) 4-Chloroaniline	8.31	127	178557	24.528	ng	98
34) Hexachlorobutadiene	8.37	225	126689	41.835	ng	97
35) Caprolactam	8.68	113	71726m	42.263	ng	
36) 4-Chloro-3-methylphenol	8.79	107	224506	42.638	ng	98
37) 2-Methylnaphthalene	8.95	142	503183	47.018	ng	99
38) 1-Methylnaphthalene	9.05	142	468289	45.281	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	216083	41.687	ng	97

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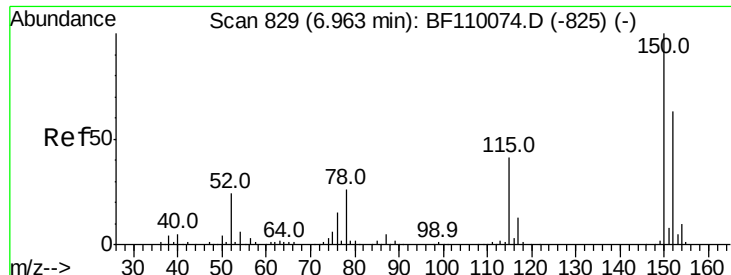
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	198115	74.747	ng	98
43) 2,4,6-Trichlorophenol	9.23	196	138083	41.302	ng	94
44) 2,4,5-Trichlorophenol	9.27	196	152092	43.037	ng	95
46) 1,1'-Biphenyl	9.42	154	605508	40.249	ng	99
47) 2-Chloronaphthalene	9.45	162	457721	41.478	ng	100
48) 2-Nitroaniline	9.55	65	141408	42.287	ng	93
49) Acenaphthylene	9.86	152	713516	44.766	ng	99
50) Dimethylphthalate	9.71	163	517815	42.166	ng	99
51) 2,6-Dinitrotoluene	9.78	165	115737	43.753	ng	98
52) Acenaphthene	10.03	154	427212	40.516	ng	98
53) 3-Nitroaniline	9.96	138	89986	28.606	ng	89
54) 2,4-Dinitrophenol	10.07	184	93374	88.363	ng	92
55) Dibenzofuran	10.20	168	616058	41.730	ng	99
56) 4-Nitrophenol	10.13	139	240589	103.338	ng	91
57) 2,4-Dinitrotoluene	10.19	165	152437	45.369	ng	94
58) Fluorene	10.55	166	500079	45.515	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	124431	43.198	ng	94
60) Diethylphthalate	10.41	149	512284	42.734	ng	99
61) 4-Chlorophenyl-phenylether	10.53	204	237608	40.995	ng	97
62) 4-Nitroaniline	10.57	138	126433	40.411	ng	92
63) Azobenzene	10.70	77	502236	42.208	ng	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	60359	42.911	ng	89
66) n-Nitrosodiphenylamine	10.66	169	429661	42.547	ng	97
67) 4-Bromophenyl-phenylether	11.03	248	138343	41.425	ng	93
68) Hexachlorobenzene	11.10	284	147959	41.756	ng	# 91
69) Atrazine	11.18	200	138253	43.322	ng	98
70) Pentachlorophenol	11.30	266	141110	68.295	ng	98
71) Phenanthrene	11.52	178	721454	44.784	ng	100
72) Anthracene	11.57	178	751311	46.528	ng	99
73) Carbazole	11.72	167	647026	41.039	ng	100
74) Di-n-butylphthalate	12.03	149	785724	44.126	ng	99
75) Fluoranthene	12.71	202	721673	44.141	ng	99
77) Benzidine	12.83	184	391175	Below	Cal	97
78) Pyrene	12.94	202	733437	45.472	ng	98
80) Butylbenzylphthalate	13.54	149	316809	45.253	ng	95
81) Benzo(a)anthracene	14.13	228	586270	43.942	ng	100
82) 3,3'-Dichlorobenzidine	14.09	252	131210	28.242	ng	100
83) Chrysene	14.17	228	547192	43.180	ng	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	406426	42.946	ng	97
85) Di-n-octyl phthalate	14.70	149	633872	43.076	ng	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	407782	38.789	ng	98
88) Benzo(b)fluoranthene	15.21	252	445531	47.354	ng	99
89) Benzo(k)fluoranthene	15.24	252	429325	46.416	ng	99
90) Benzo(a)pyrene	15.60	252	407284	47.045	ng	97
91) Dibenzo(a,h)anthracene	17.24	278	341067	45.658	ng	98
92) Benzo(g,h,i)perylene	17.71	276	341347	46.372	ng	97

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



#1

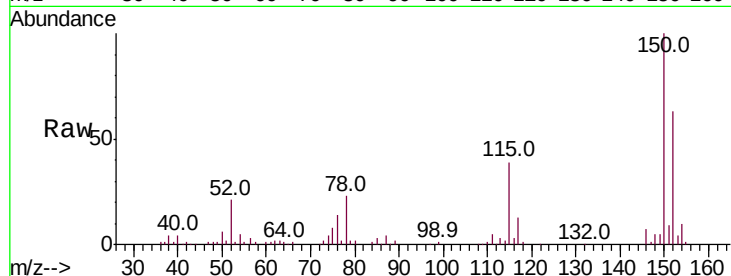
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :
PB114468BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	122.7	184.1
115	62.1	49.1	73.7

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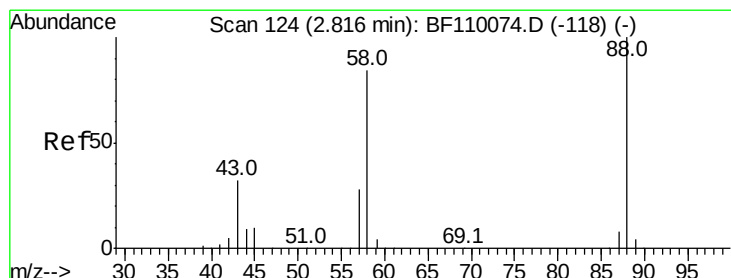
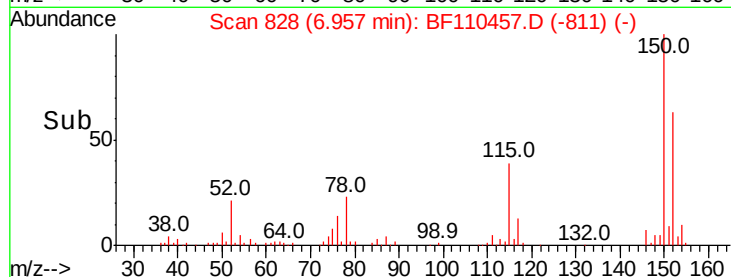
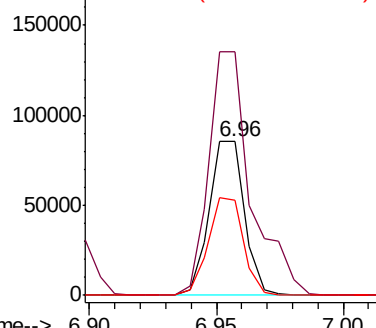


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

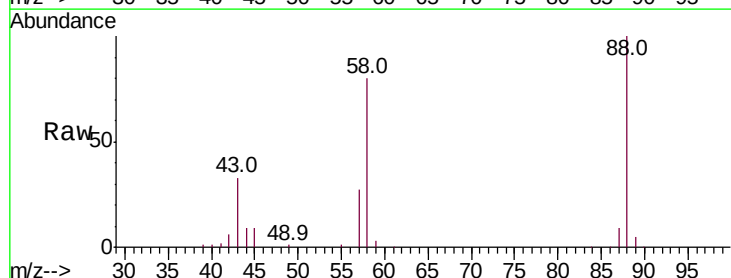
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 48.177 ng
RT: 2.93 min Scan# 143
Delta R.T. 0.13 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.8	57.1	85.7
43	32.5	24.1	36.1

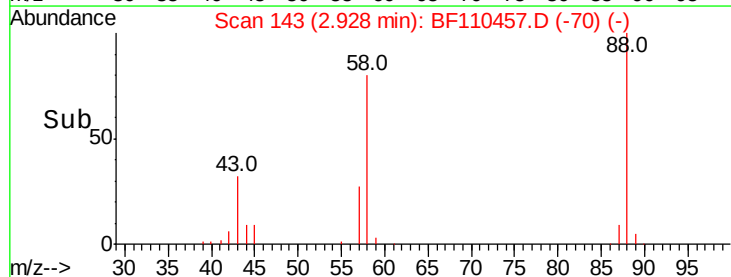
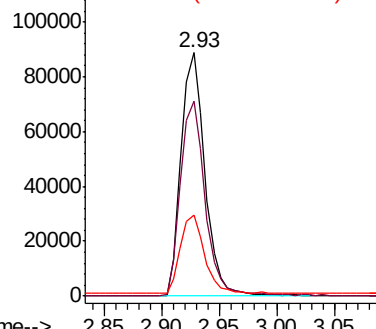


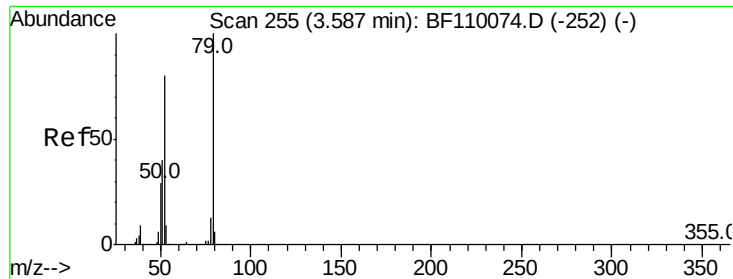
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.490 ng

RT: 3.68 min Scan# 271

Delta R.T. 0.10 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

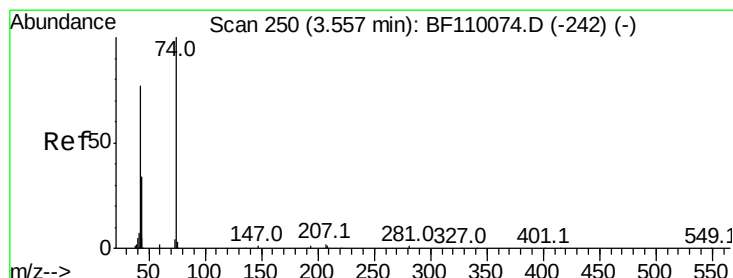
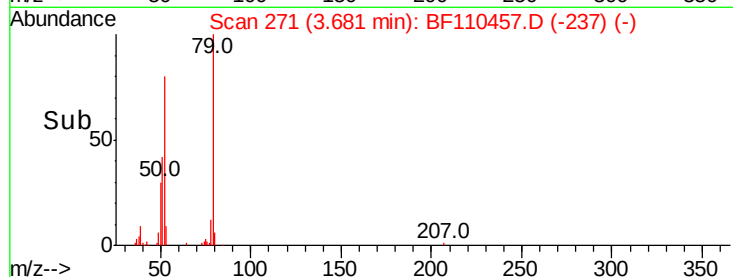
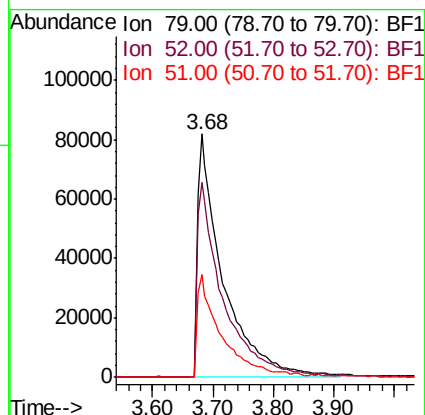
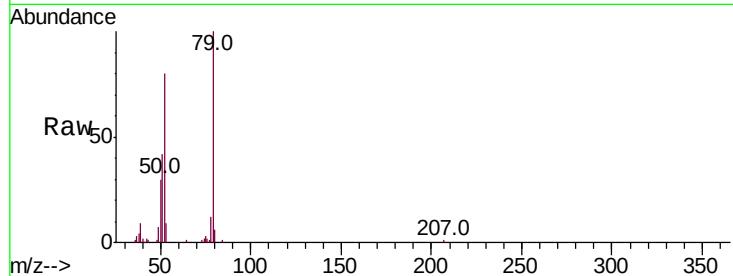
ClientSampled :

PB114468BS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	80.2	53.1	79.7#	
51	42.1	27.4	41.2#	

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#4

n-Nitrosodimethylamine

Concen: 45.332 ng

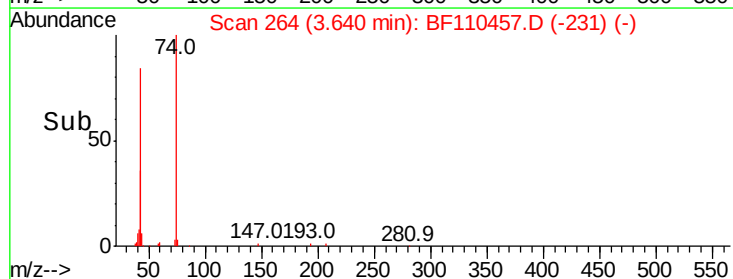
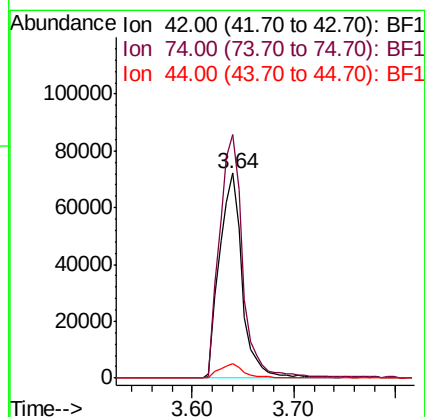
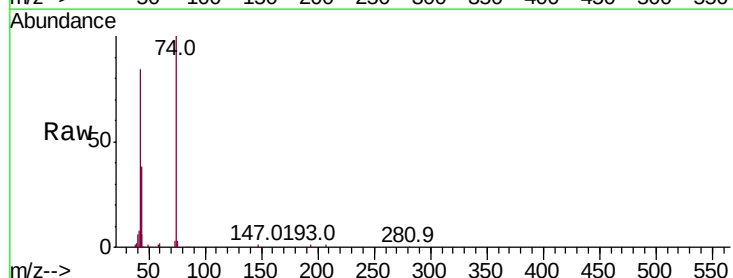
RT: 3.64 min Scan# 264

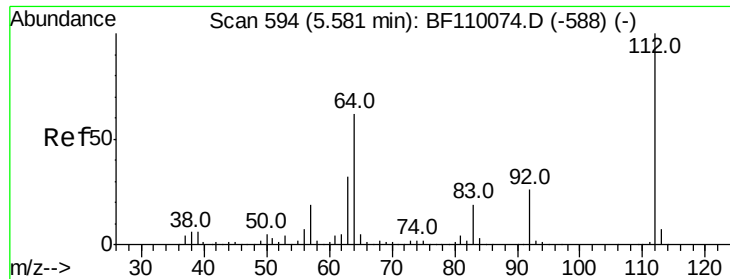
Delta R.T. 0.09 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	118.8	105.5	158.3	
44	7.3	4.9	7.3#	





#5

2-Fluorophenol

Concen: 149.030 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.02 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

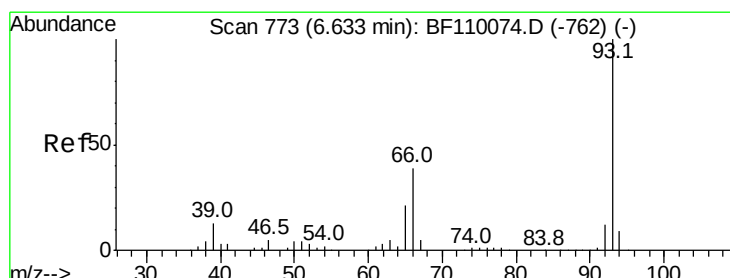
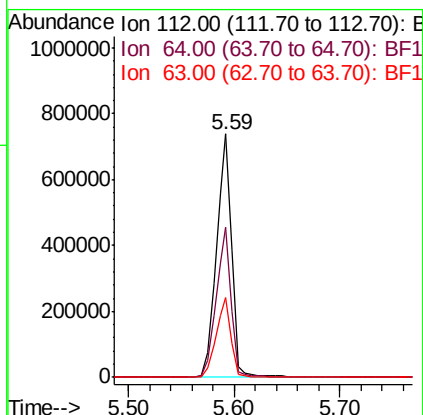
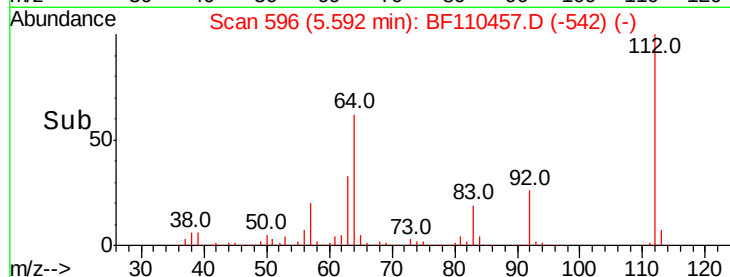
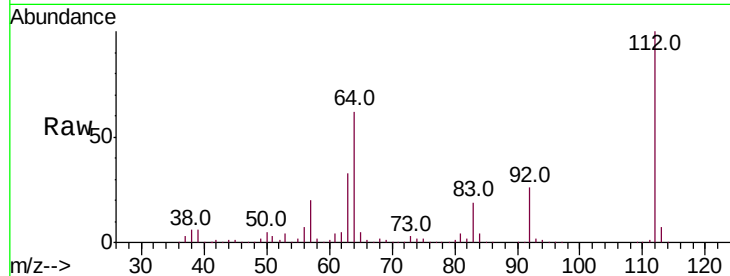
ClientSampleId :

PB114468BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	61.9	44.1	66.1
63	32.9	23.7	35.5

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#6

Aniline

Concen: 34.892 ng

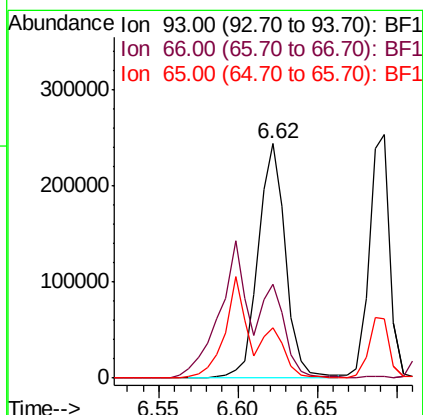
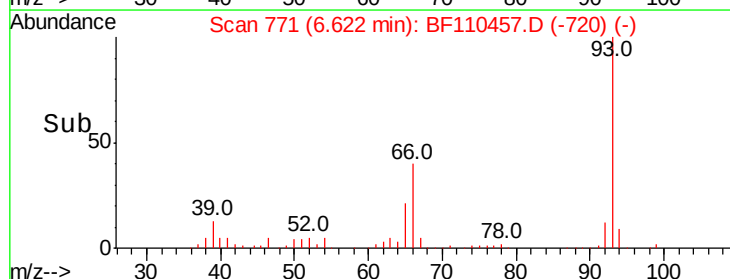
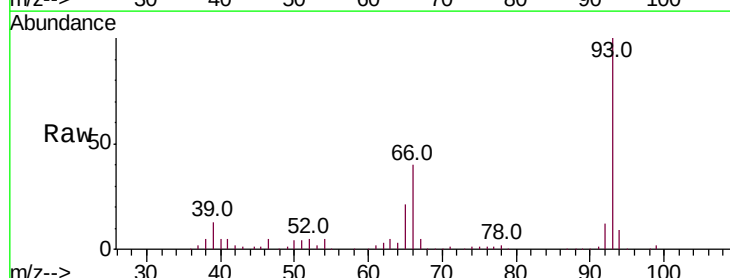
RT: 6.62 min Scan# 771

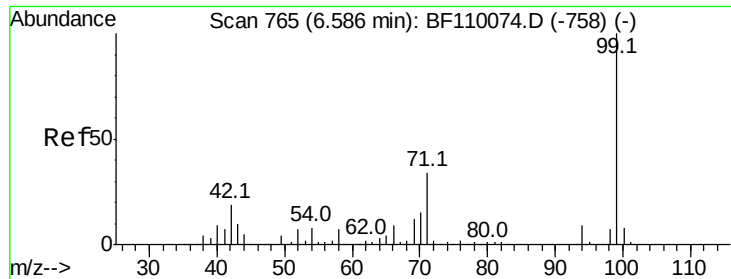
Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	40.0	67.4	101.0#
65	21.4	41.0	61.4#





#7

Phenol-d6

Concen: 148.506 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

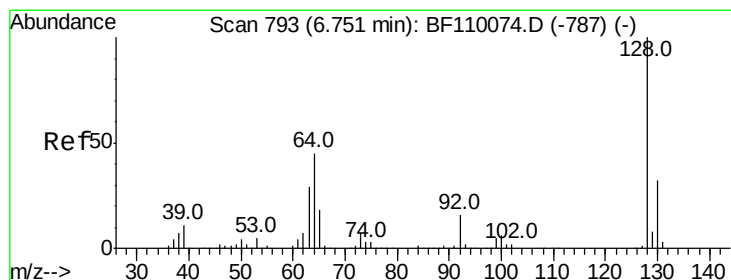
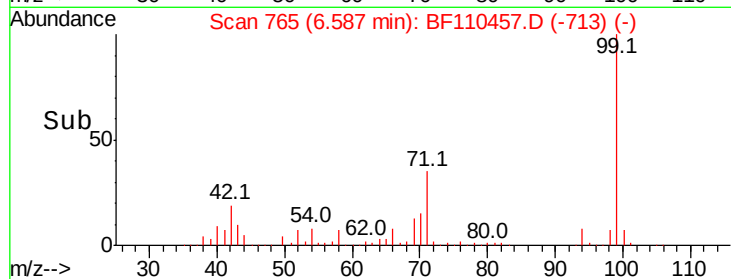
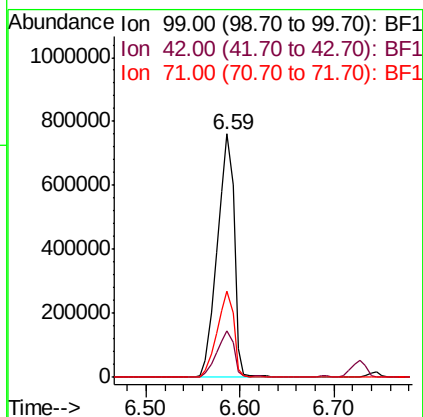
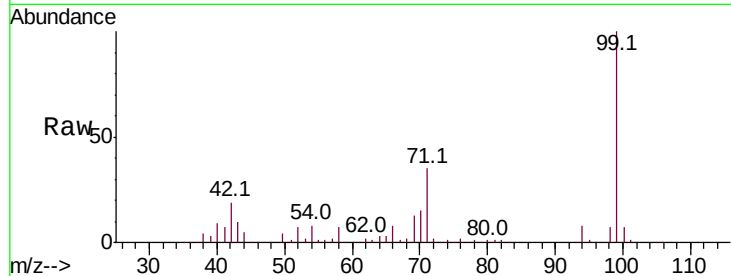
ClientSampleId :

PB114468BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		963310		
42	19.4	15.8	23.6		
71	35.5	28.0	42.0		

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#8

2-Chlorophenol

Concen: 42.445 ng

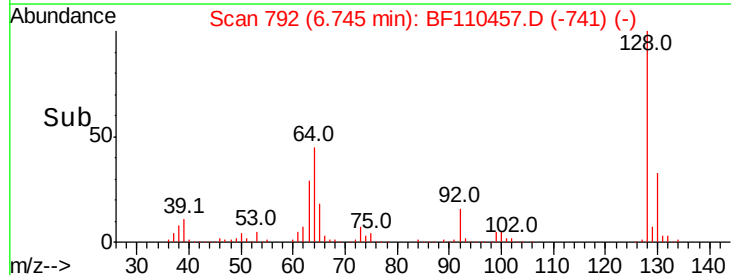
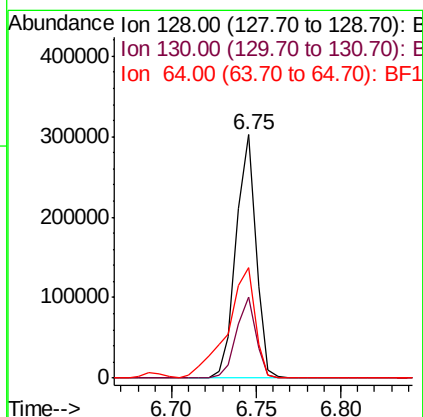
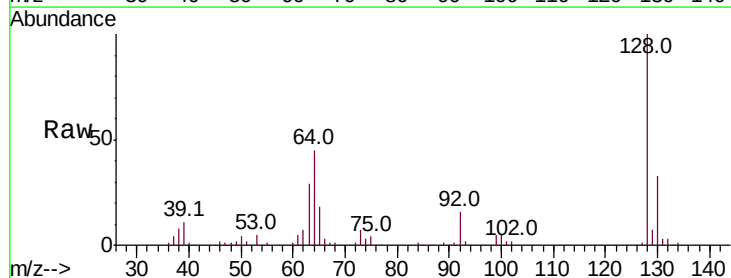
RT: 6.75 min Scan# 792

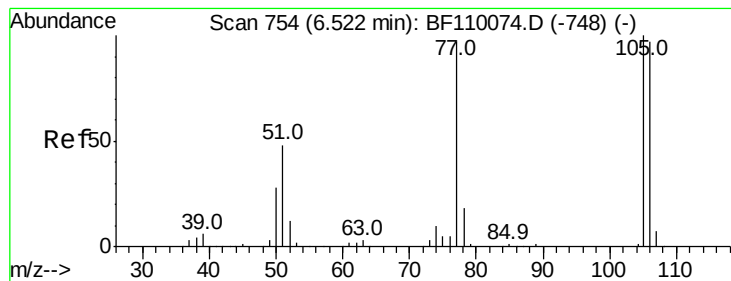
Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		248169		
130	33.2	13.1	53.1		
64	45.4	26.0	66.0		





#9

Benzaldehyde

Concen: 45.710 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

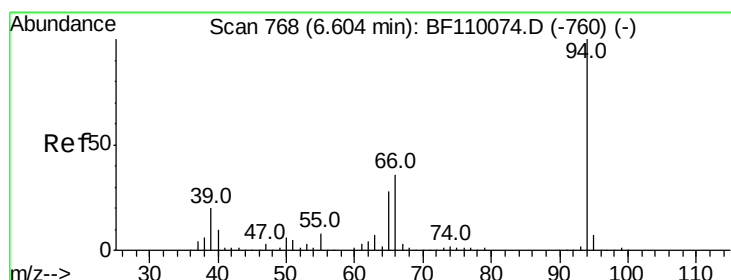
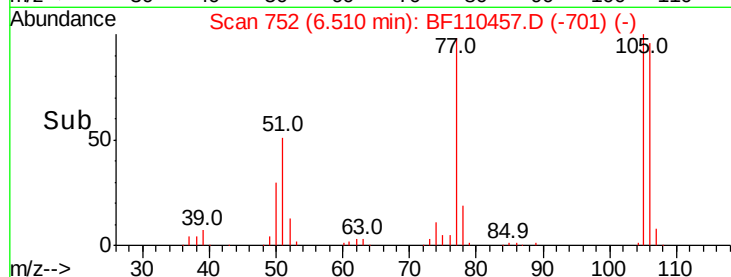
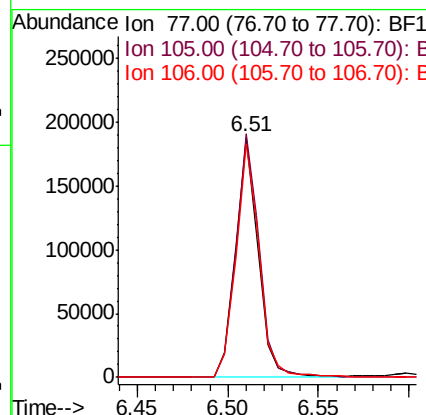
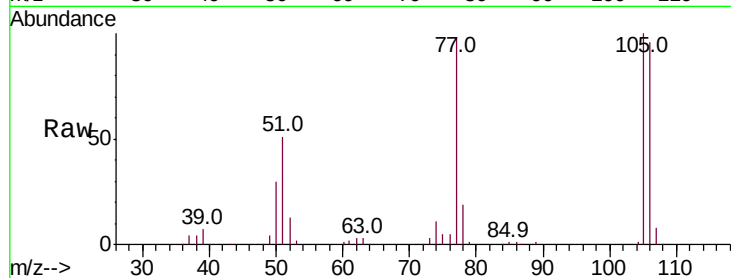
ClientSampled :

PB114468BS

Tot Ion:	77	Resp:	165196
Ion Ratio	Lower	Upper	
77	100		
105	101.5	78.6	118.6
106	97.6	74.8	114.8

Manual Integrations
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#10

Phenol

Concen: 44.342 ng

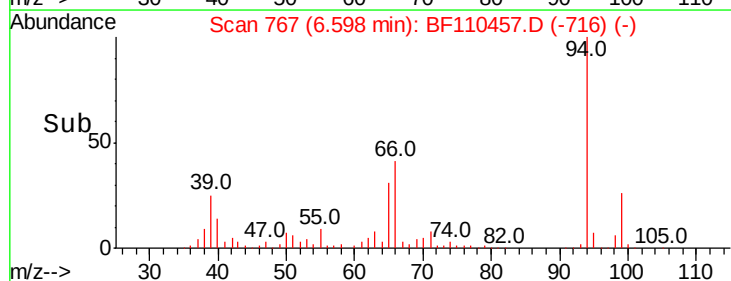
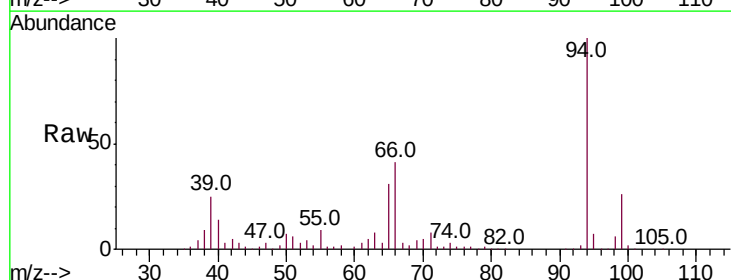
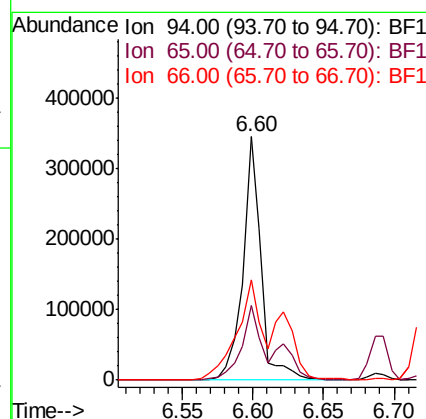
RT: 6.60 min Scan# 767

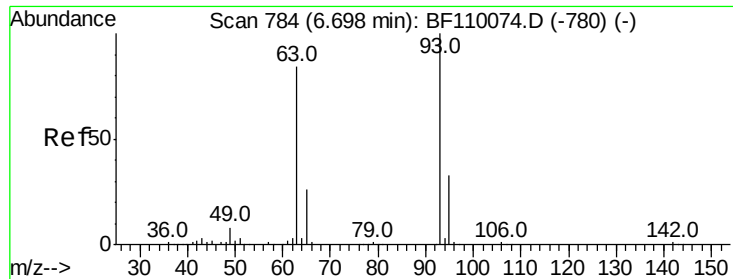
Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Tgt Ion:	94	Resp:	307460
Ion Ratio	Lower	Upper	
94	100		
65	30.7	25.3	65.3
66	41.3	54.5	94.5#





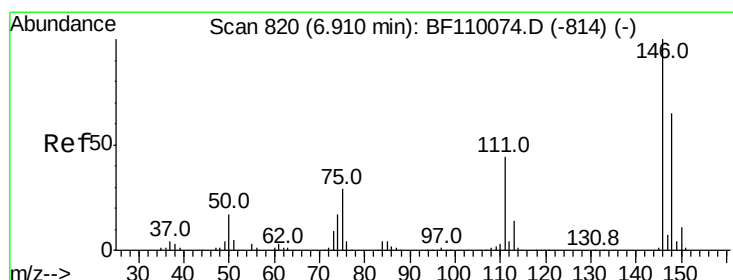
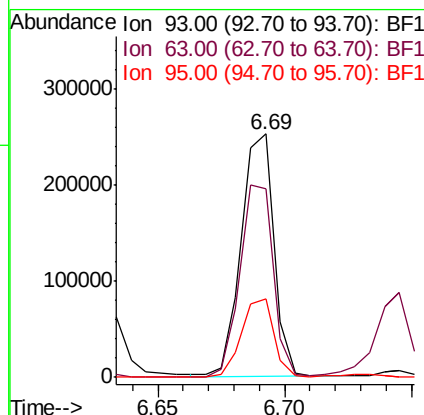
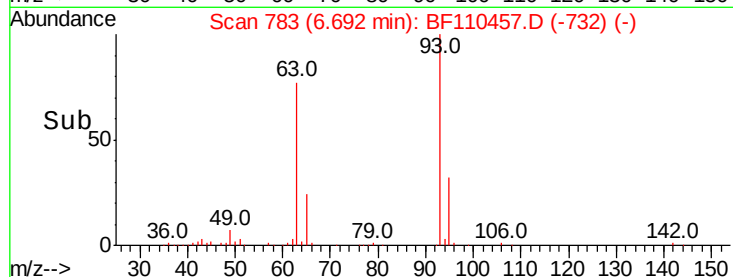
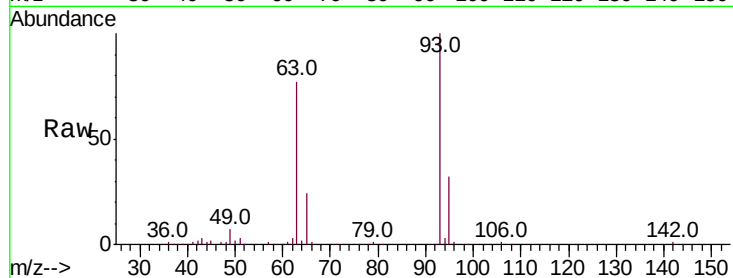
#11
bis(2-Chloroethyl)ether
Concen: 39.800 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :
PB114468BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.3	53.4	93.4
95	32.5	12.1	52.1

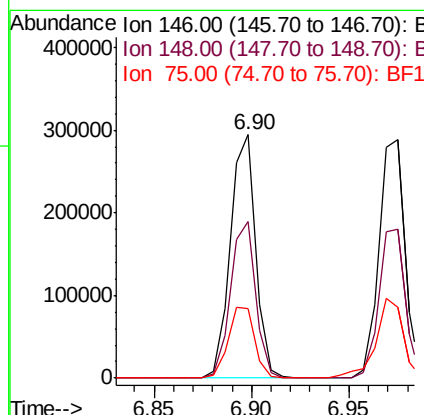
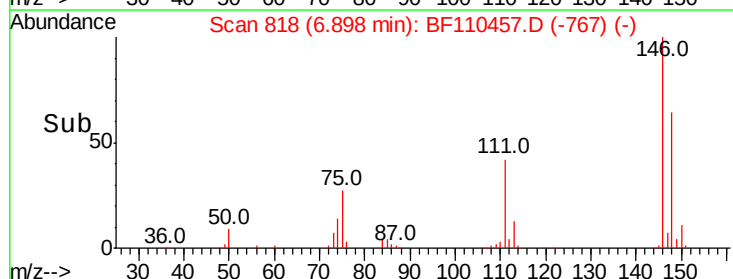
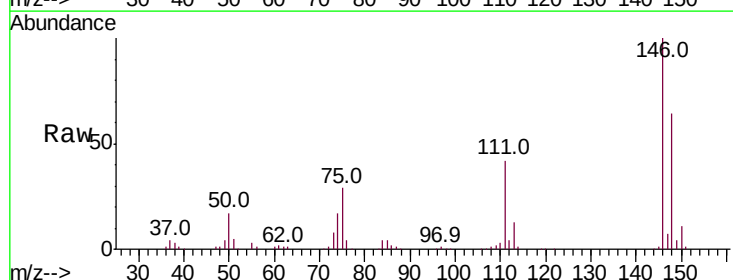
Manual Integrations
APPROVED

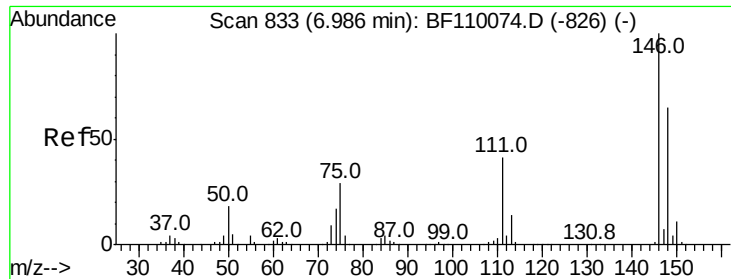
Sohil
11/6/2018 9:00:52 AM



#12
1,3-Dichlorobenzene
Concen: 41.248 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.4	75.6
75	28.6	25.8	38.6





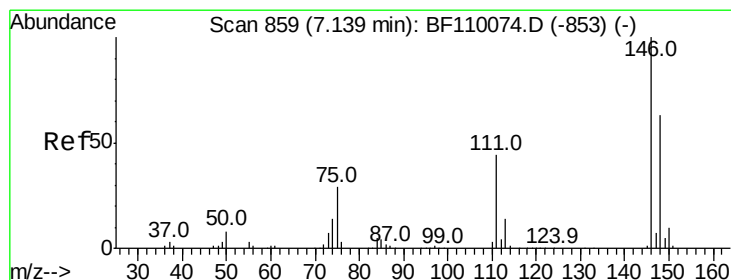
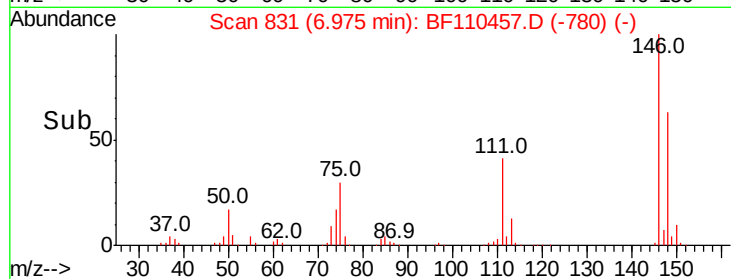
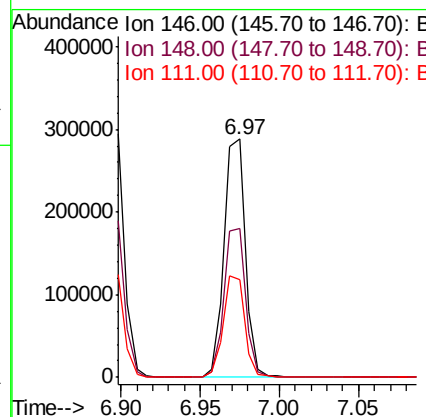
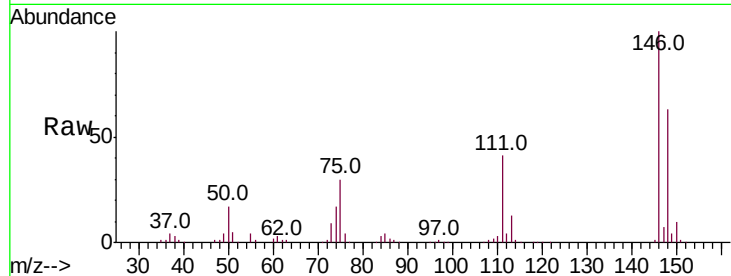
#13
 1,4-Dichlorobenzene
 Concen: 41.369 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

Instrument :
 BNA_F
 ClientSampleId :
 PB114468BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.3	75.5
111	41.1	32.7	49.1

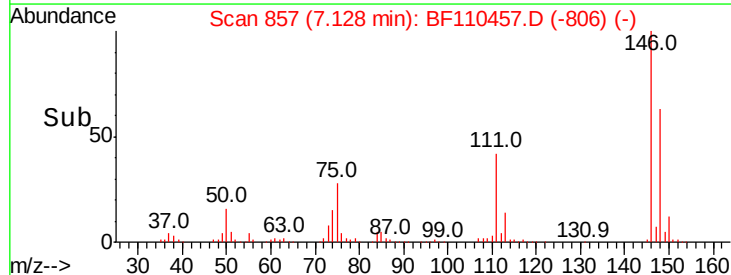
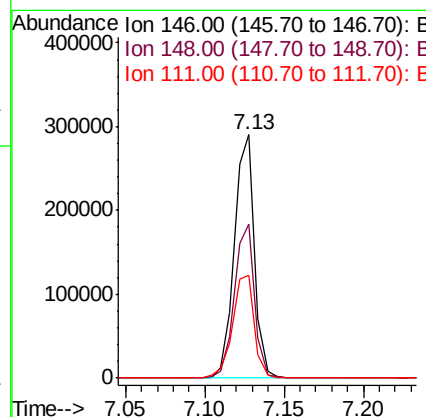
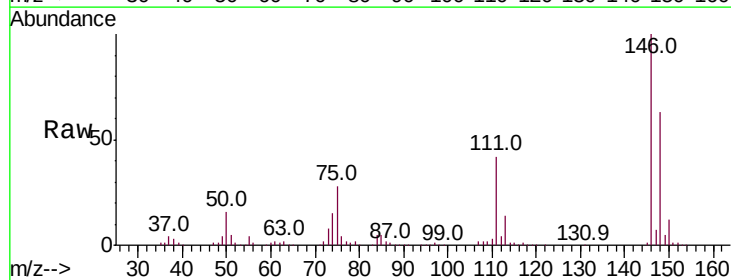
Manual Integrations
 APPROVED

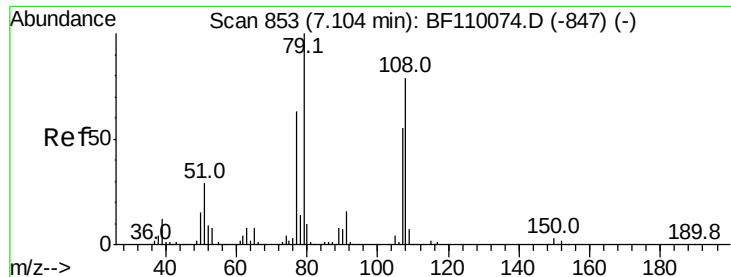
Sohil
 11/6/2018 9:00:52 AM



#14
 1,2-Dichlorobenzene
 Concen: 42.235 ng
 RT: 7.13 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.1	76.7
111	42.2	35.8	53.6





#15

Benzyl Alcohol

Concen: 42.147 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

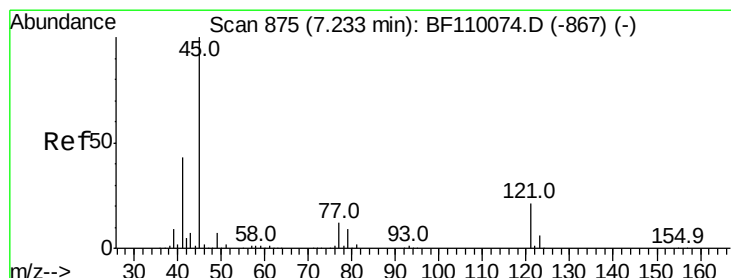
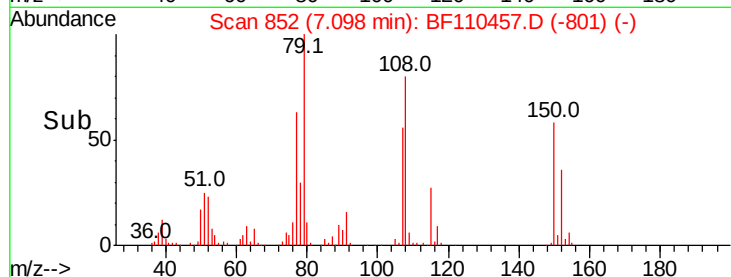
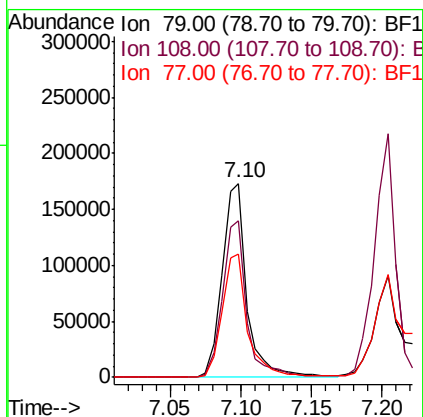
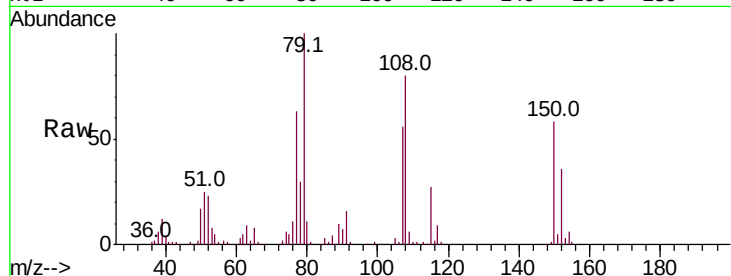
ClientSampleId :

PB114468BS

Tot Ion	79	108	77
Ion	79	108	77
Ratio	100	80.5	63.2
Lower		56.3	52.9
Upper		84.5	79.3

Manual Integrations
APPROVED

Sohil
11/6/2018 9:00:52 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.022 ng

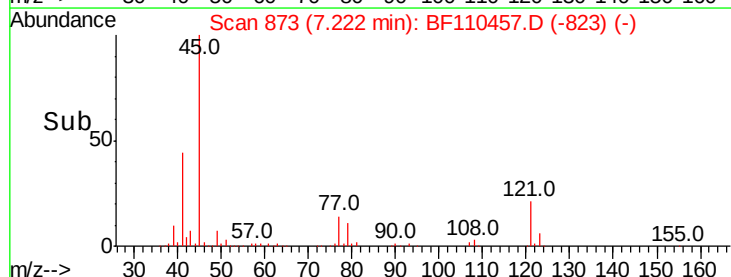
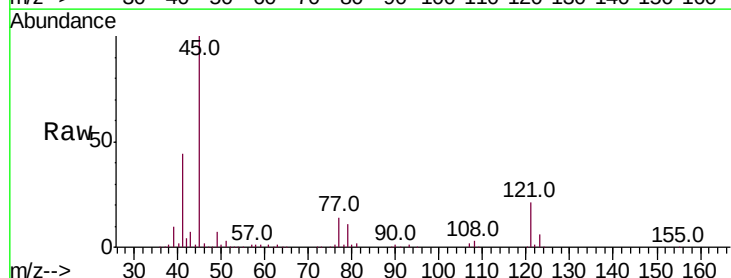
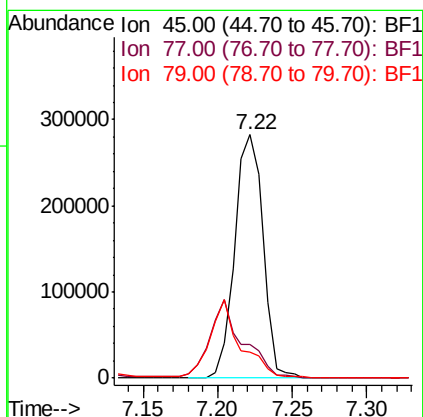
RT: 7.22 min Scan# 873

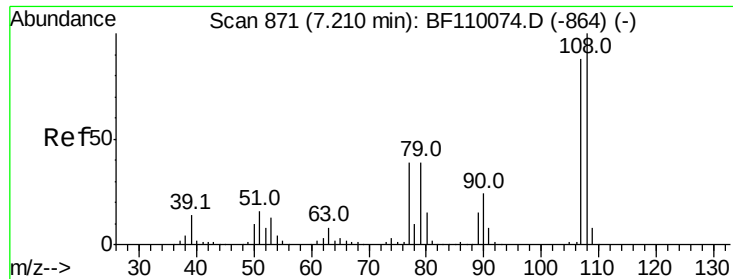
Delta R.T. -0.01 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Tgt Ion	45	77	79
Ion	45	77	79
Ratio	100	13.7	10.7
Lower		10.0	6.1
Upper		50.0	46.1





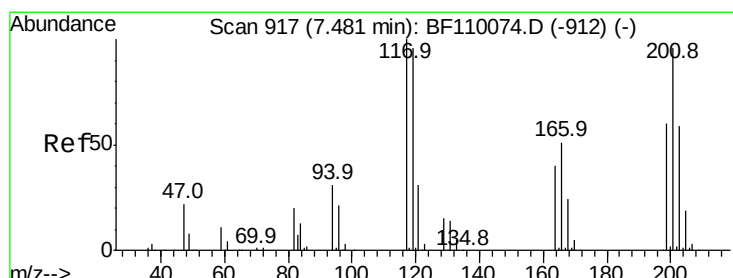
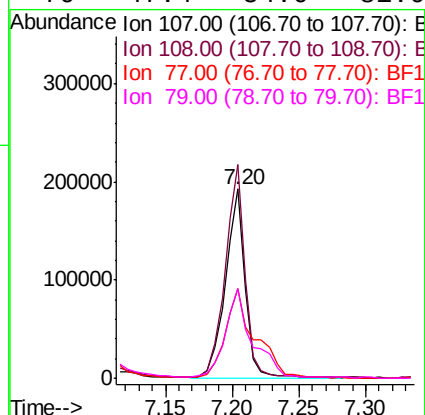
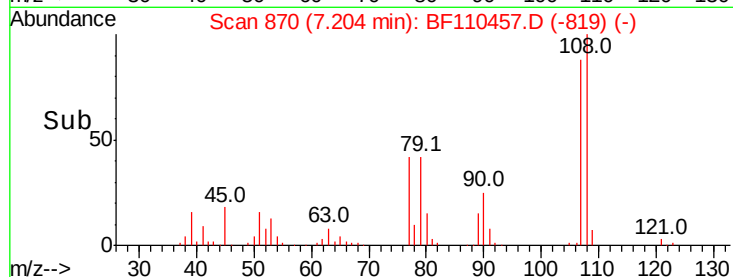
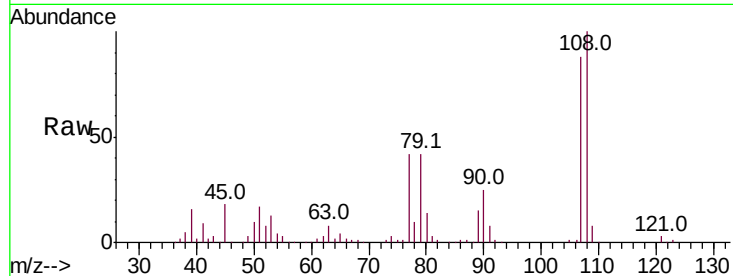
#17
2-Methylphenol
Concen: 43.254 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :
PB114468BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	92.6	138.8	
77	47.7	59.4	89.2#	
79	47.4	54.0	81.0#	

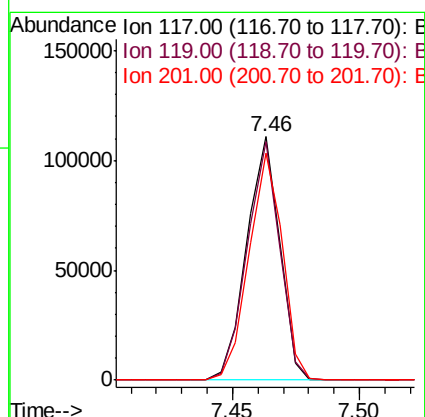
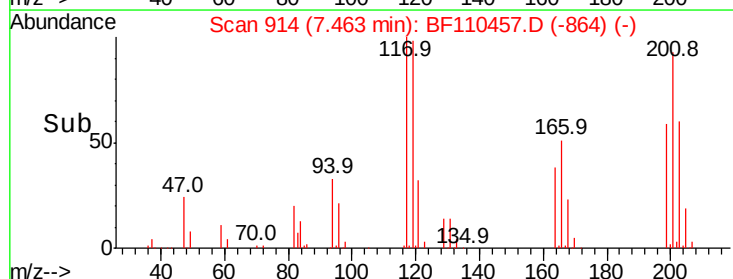
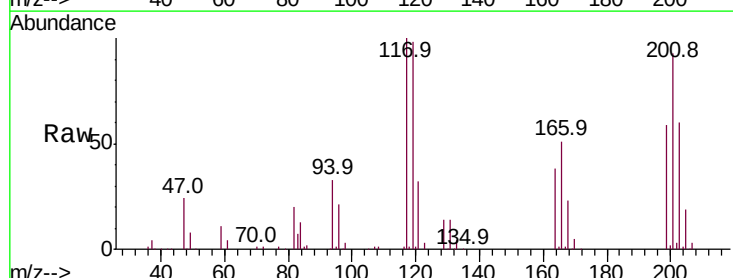
Manual Integrations
APPROVED

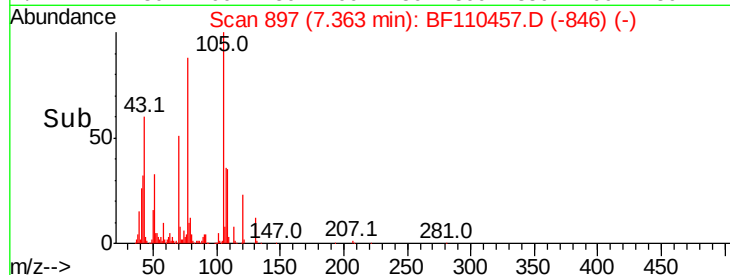
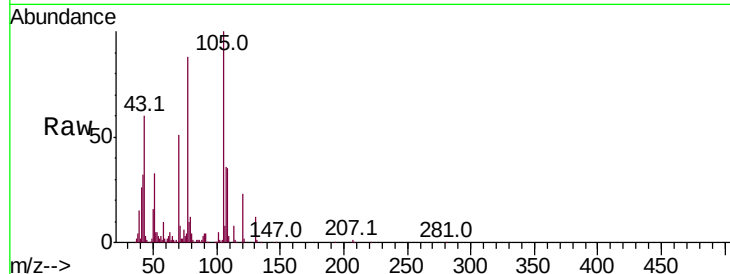
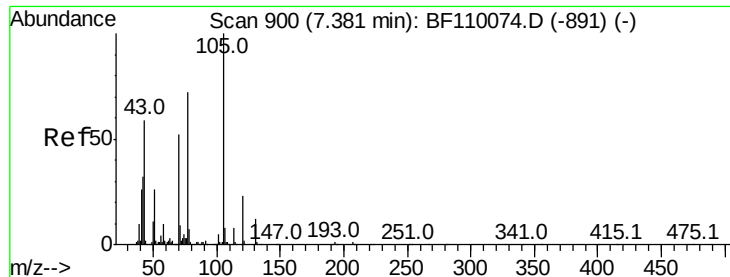
Sohil
11/6/2018 9:00:52 AM



#18
Hexachloroethane
Concen: 42.145 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.8	75.0	112.6	
201	93.3	79.2	118.8	





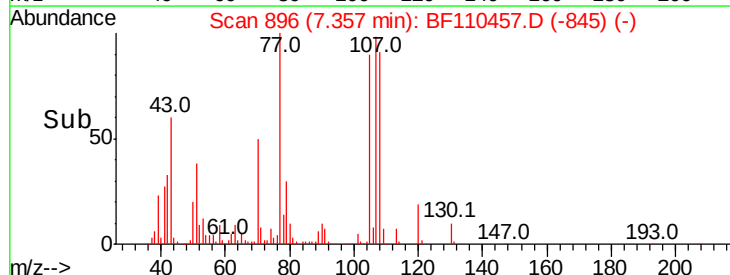
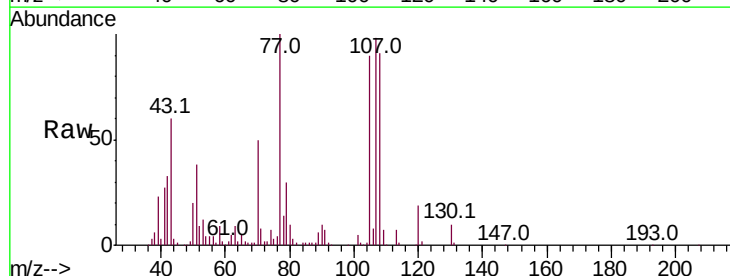
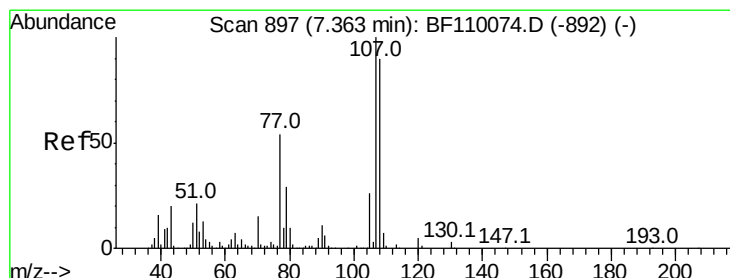
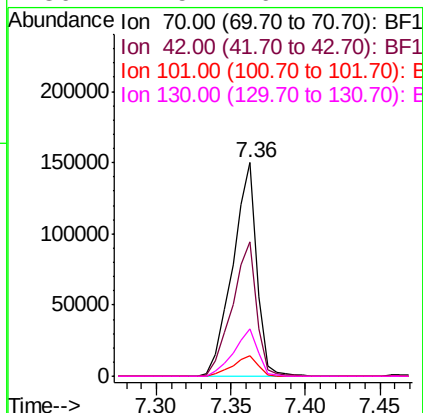
#19
n-Nitroso-di-n-propylamine
Concen: 40.960 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :
PB114468BS

Tot Ion	70	Resp	170456
Ion Ratio	Lower	Upper	
70	100		
42	63.0	47.4	71.2
101	9.8	7.3	10.9
130	22.5	16.2	24.2

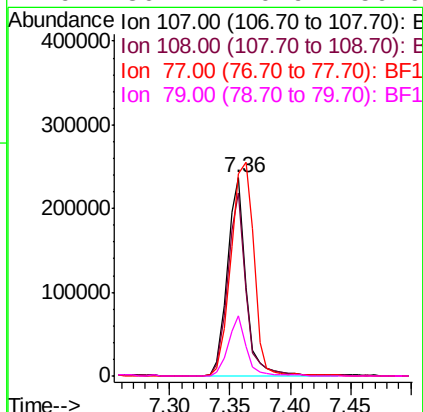
Manual Integrations
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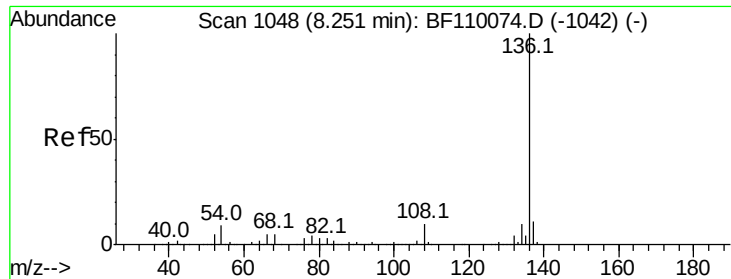
Sohil
11/6/2018 9:00:52 AM



#20
3+4-Methylphenols
Concen: 41.472 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion	107	Resp	249797
Ion Ratio	Lower	Upper	
107	100		
108	92.4	71.4	111.4
77	102.0	47.3	87.3#
79	30.4	10.9	50.9





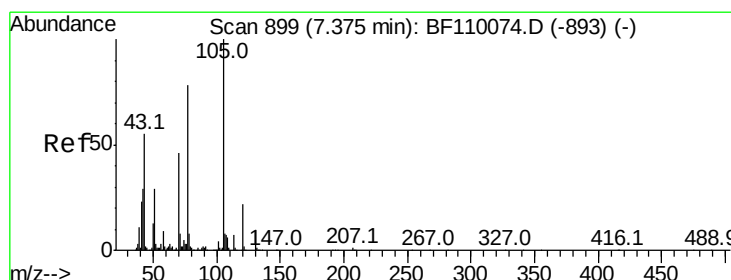
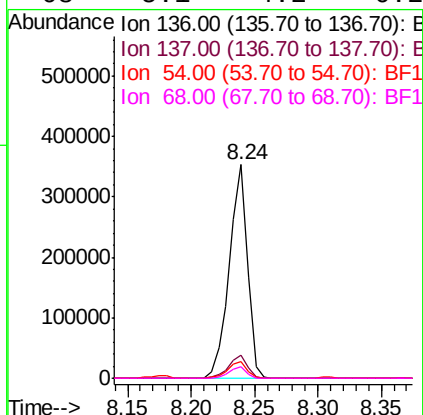
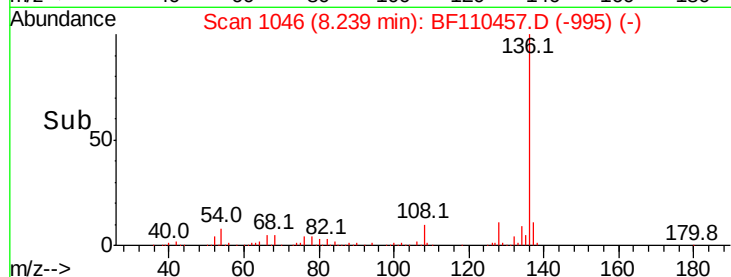
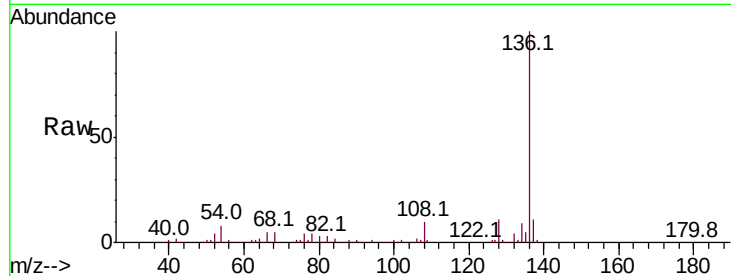
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampled :
PB114468BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.8	13.2	
54	7.9	5.4	8.2	
68	5.1	4.2	6.2	

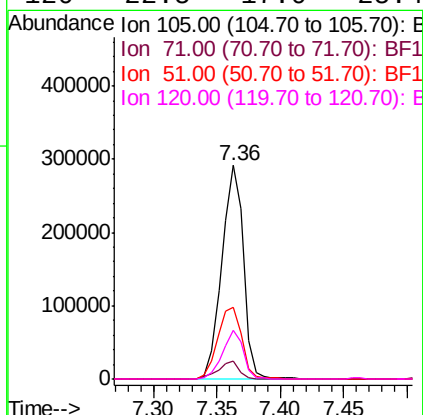
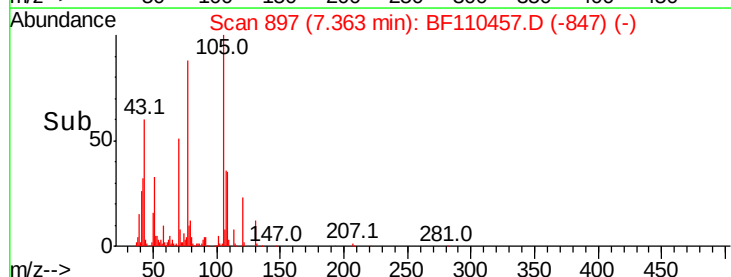
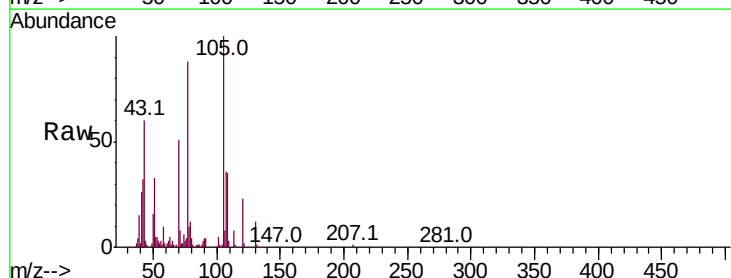
Manual Integrations
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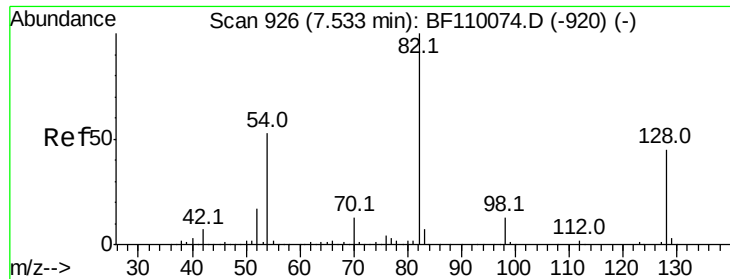
Sohil
11/6/2018 9:00:52 AM



#22
Acetophenone
Concen: 42.638 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.4	5.2	7.8#	
51	33.3	21.8	32.8#	
120	22.5	17.0	25.4	





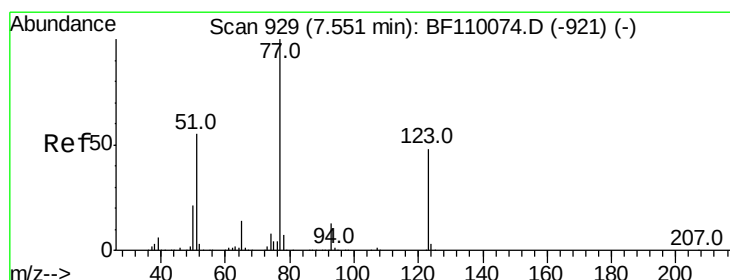
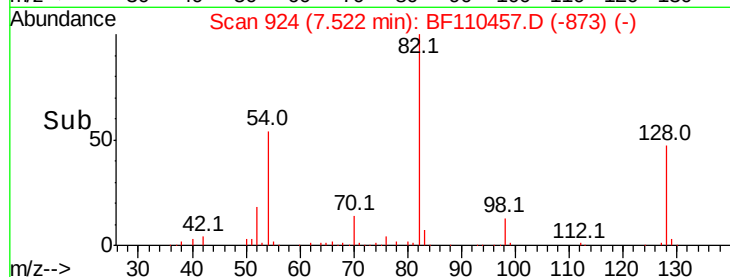
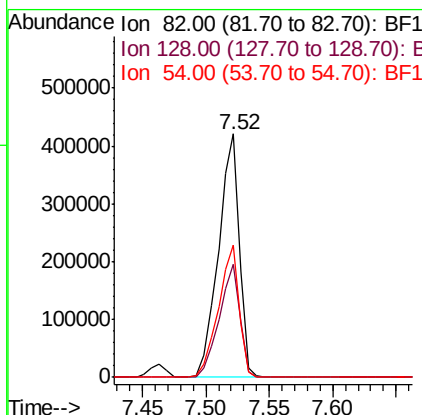
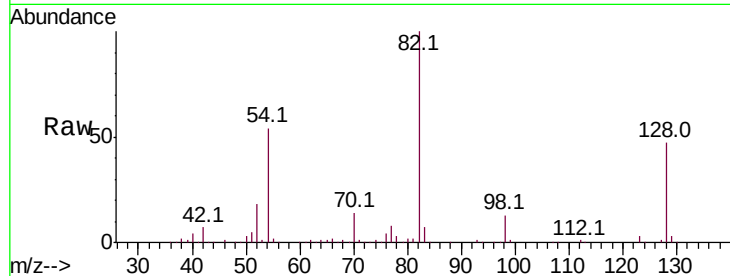
#23
 Nitrobenzene-d5
 Concen: 82.084 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

Instrument :
 BNA_F
 ClientSampled :
 PB114468BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.7	34.2	51.2	
54	54.3	38.6	58.0	

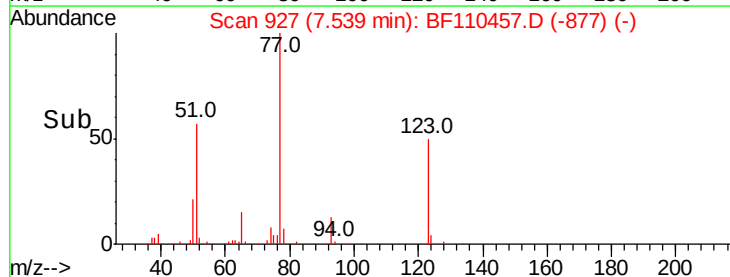
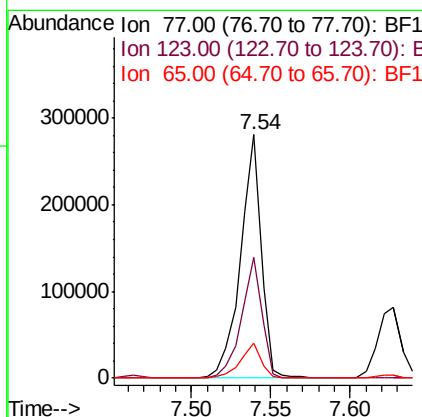
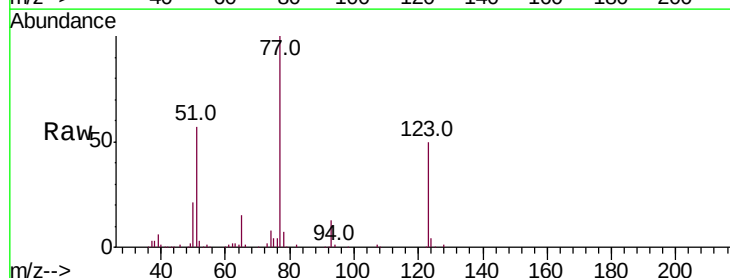
Manual Integrations
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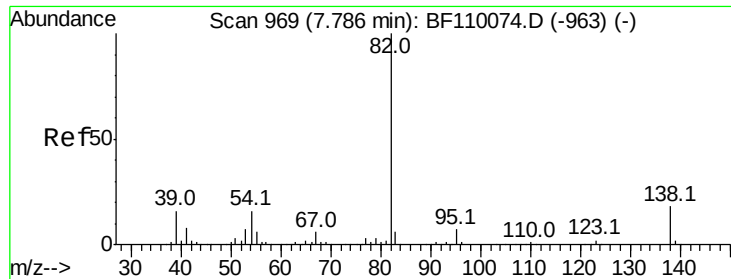
Sohil
 11/6/2018 9:00:52 AM



#24
 Nitrobenzene
 Concen: 41.649 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.8	35.7	53.5	
65	14.5	10.7	16.1	





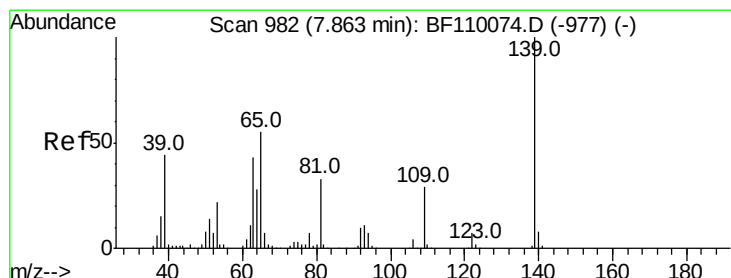
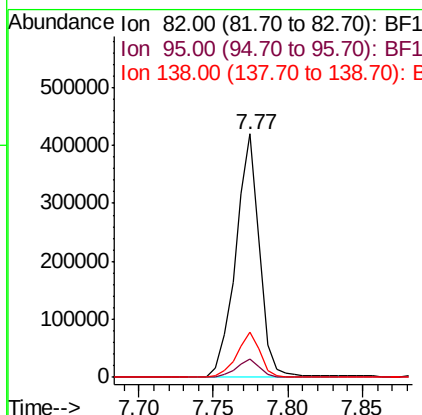
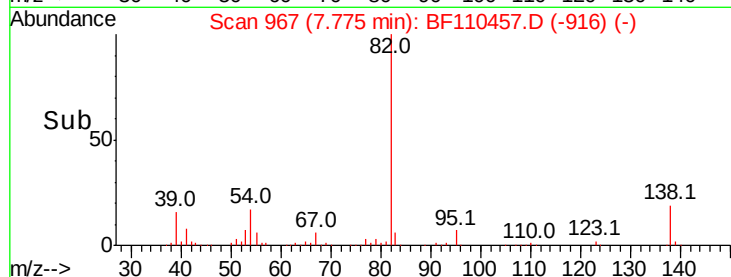
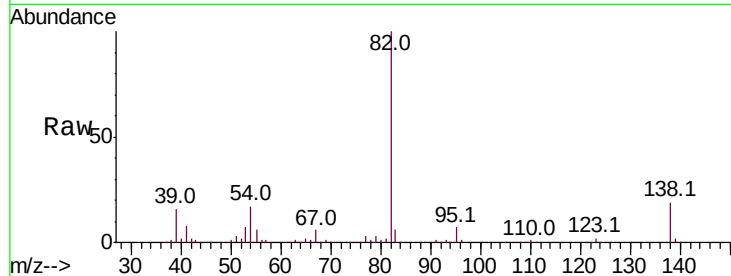
#25
Isophorone
Concen: 46.555 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :
PB114468BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	469552		
95	7.4		5.7	8.5
138	18.7		13.2	19.8

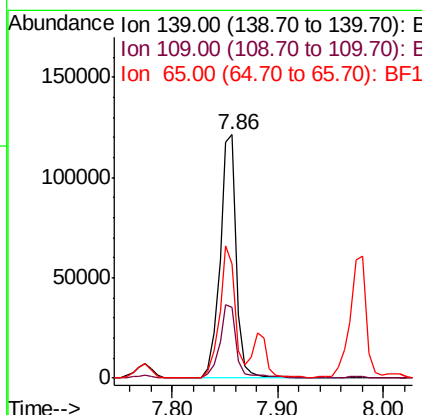
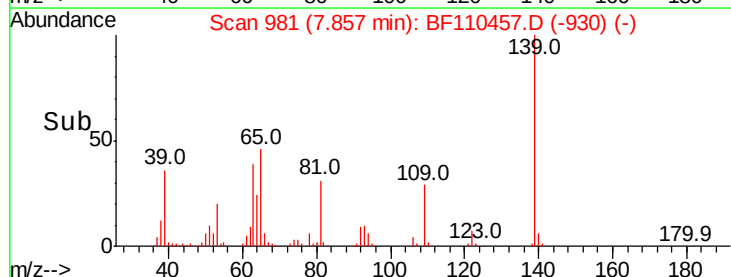
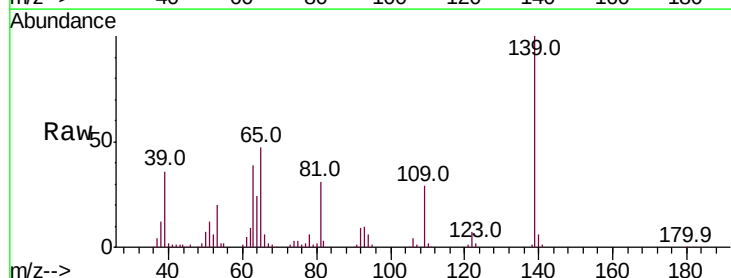
Manual Integrations
APPROVED

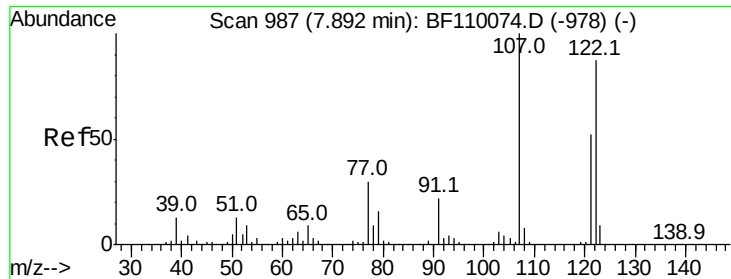
Sohil
11/6/2018 9:00:52 AM



#26
2-Nitrophenol
Concen: 45.302 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	131690		
109	29.0		25.0	37.6
65	46.7		44.0	66.0





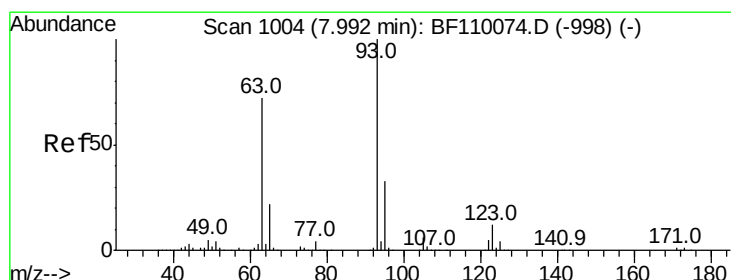
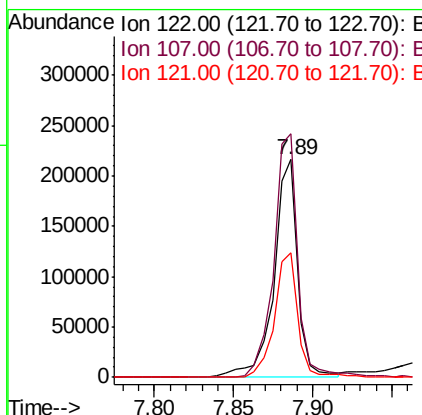
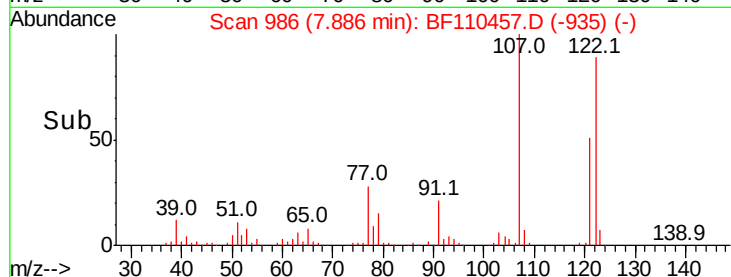
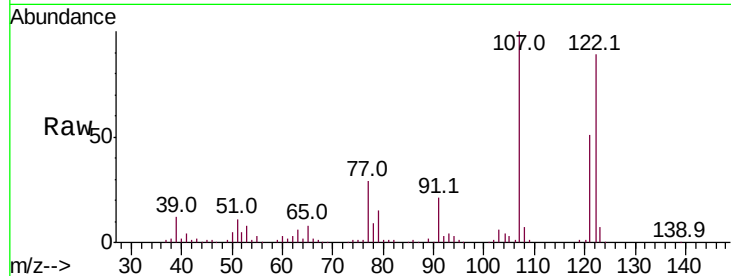
#27
2,4-Dimethylphenol
Concen: 46.849 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :
PB114468BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.0	92.5	138.7
121	57.4	45.8	68.8

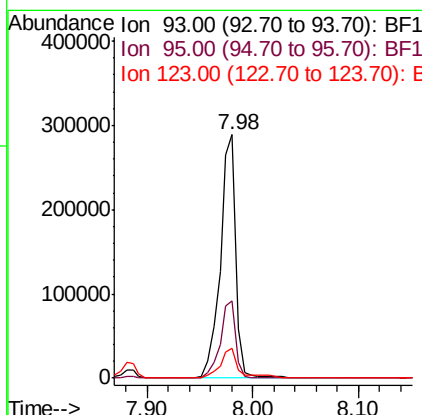
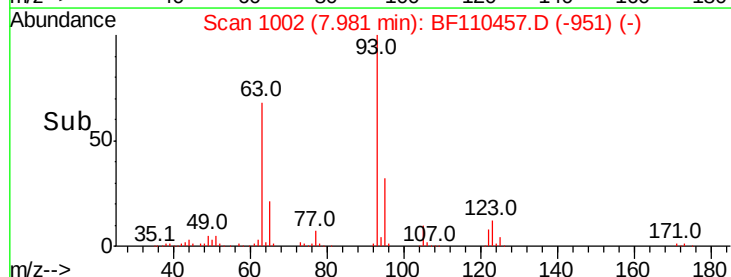
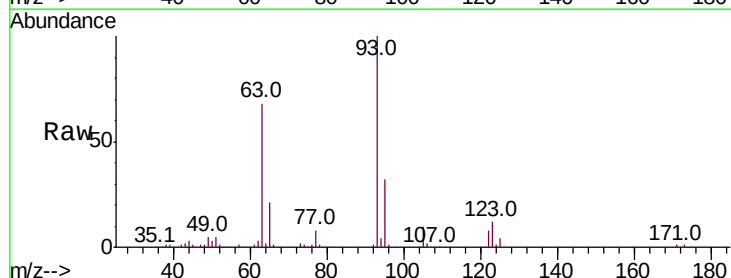
Manual Integrations
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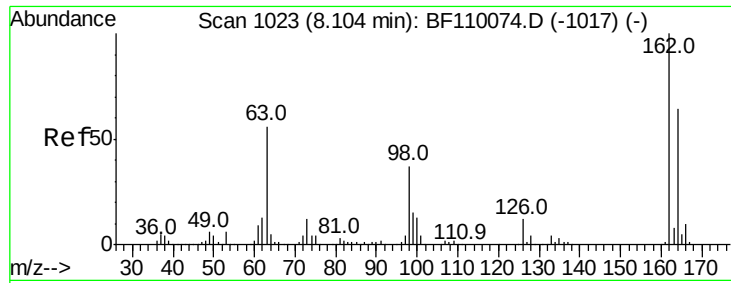
Sohil
11/6/2018 9:00:52 AM



#28
bis(2-Chloroethoxy)methane
Concen: 43.486 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.4	39.6
123	12.0	9.0	13.6





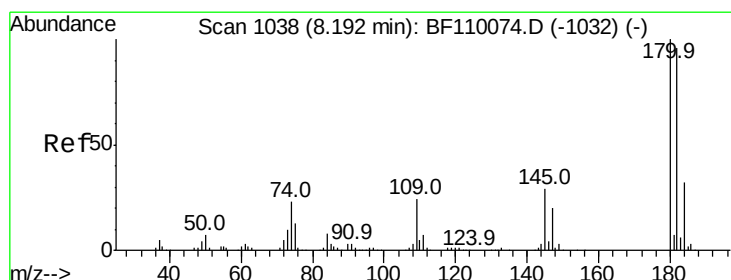
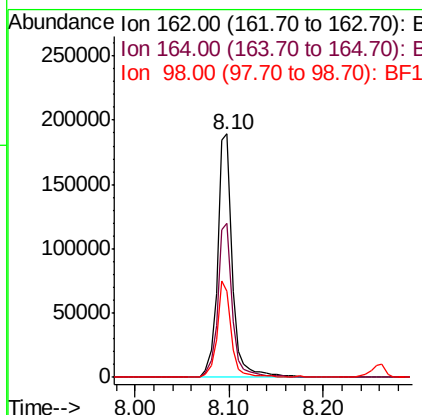
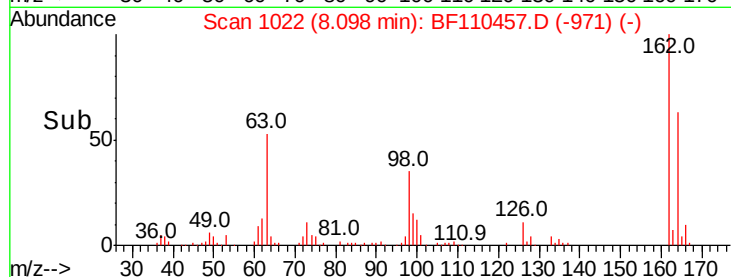
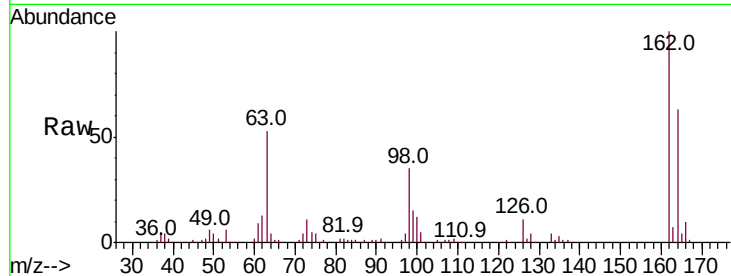
#29
 2,4-Dichlorophenol
 Concen: 42.901 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

Instrument :
 BNA_F
 ClientSampleID :
 PB114468BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	208895		
164	63.2	44.6	84.6	
98	35.3	17.4	57.4	

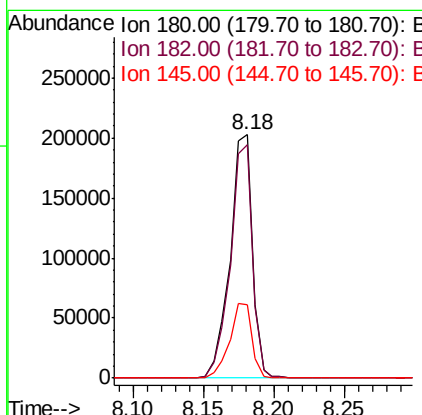
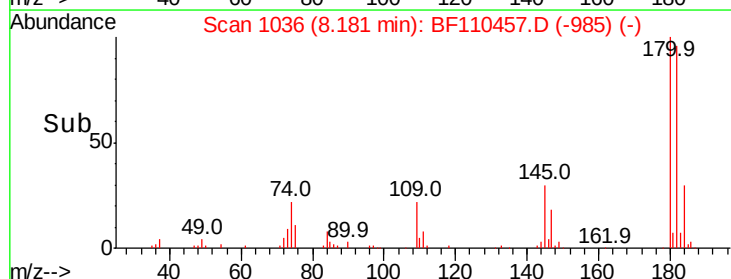
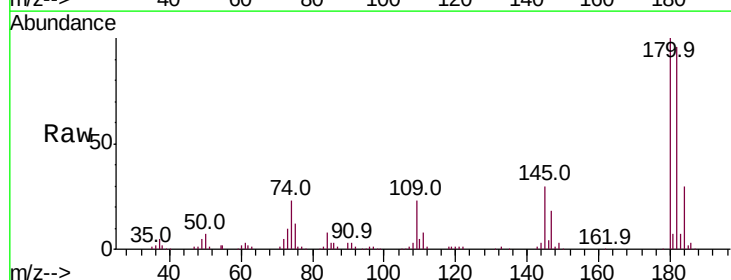
Manual Integrations
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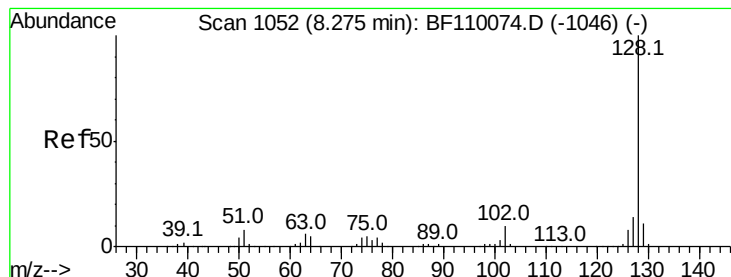
Sohil
 11/6/2018 9:00:52 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.107 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	224199		
182	95.7	80.3	120.5	
145	30.1	25.4	38.0	





#31

Naphthalene

Concen: 44.938 ng

RT: 8.26 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

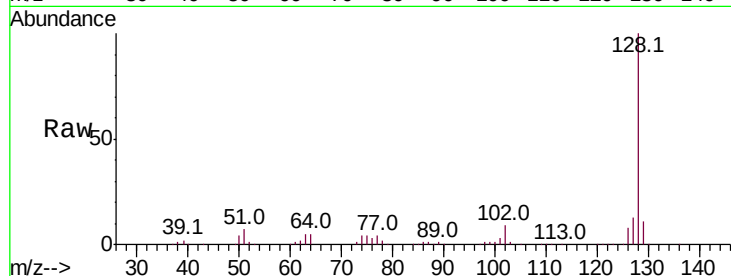
ClientSampleId :

PB114468BS

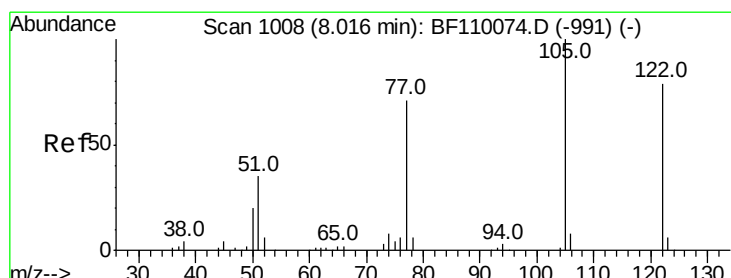
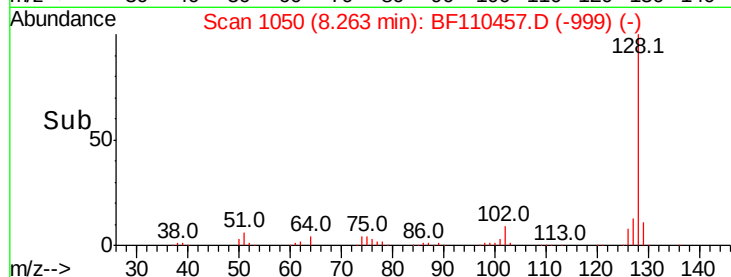
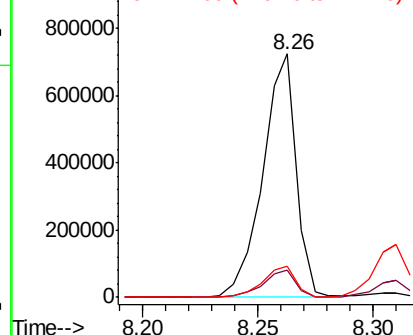
Tot Ion:	128	Resp:	726865
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	13.0	10.8	16.2

Manual Integrations
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11/6/2018 9:00:52 AM



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



#32

Benzoic acid

Concen: 35.391 ng

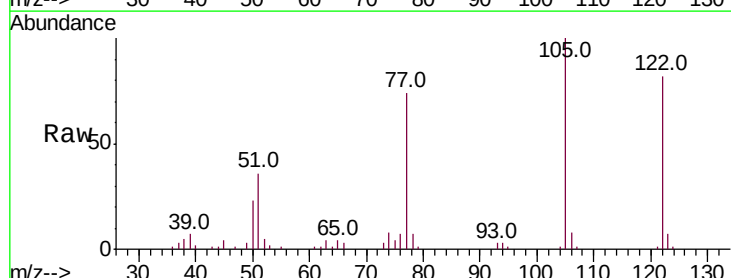
RT: 8.02 min Scan# 1008

Delta R.T. 0.01 min

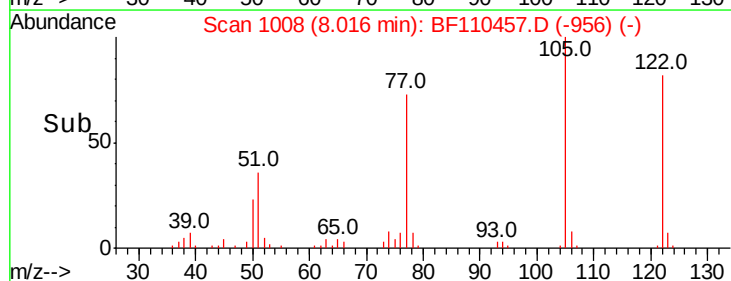
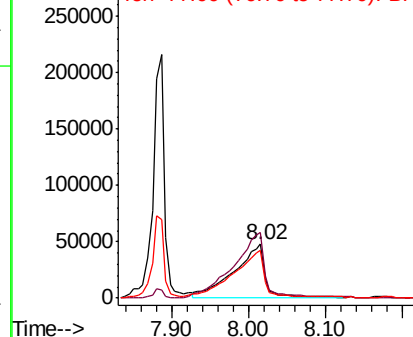
Lab File: BF110457.D

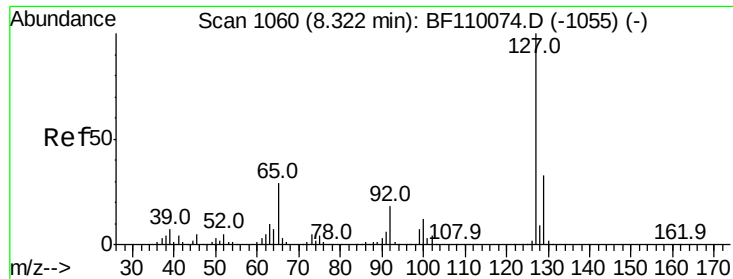
Acq: 5 Nov 2018 11:39

Tgt Ion:	122	Resp:	131830
Ion Ratio	Lower	Upper	
122	100		
105	121.4	109.0	149.0
77	89.8	79.0	119.0



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): BF1





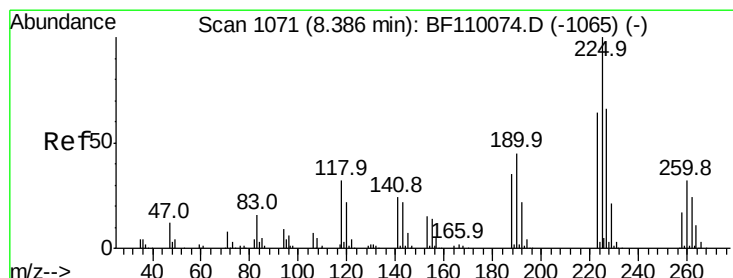
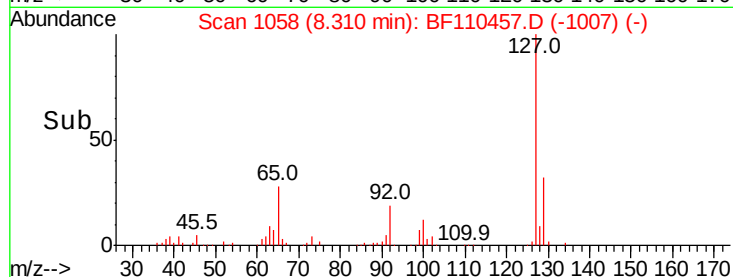
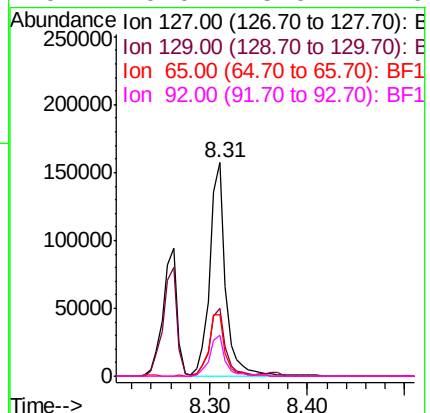
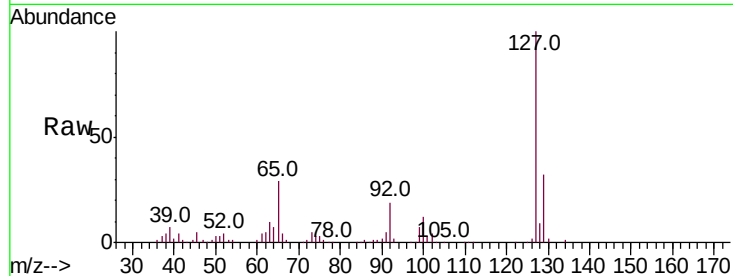
#33
 4-Chloroaniline
 Concen: 24.528 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

Instrument :
 BNA_F
 ClientSampleId :
 PB114468BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.8	26.0	39.0
65	29.0	25.1	37.7
92	19.0	15.0	22.6

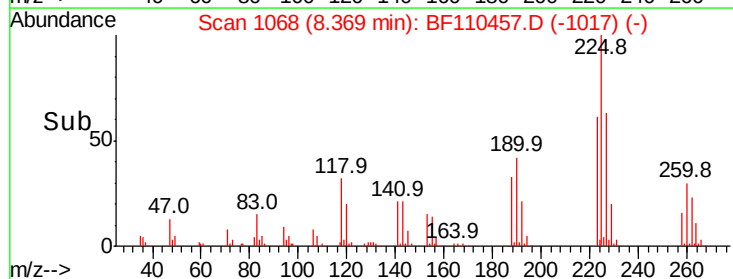
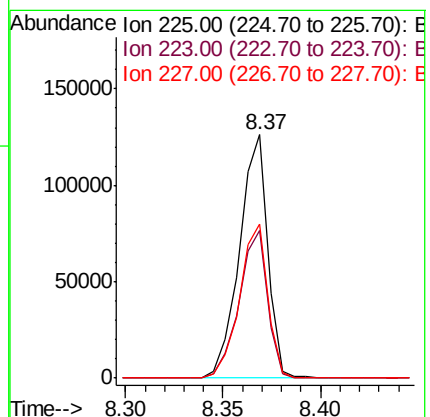
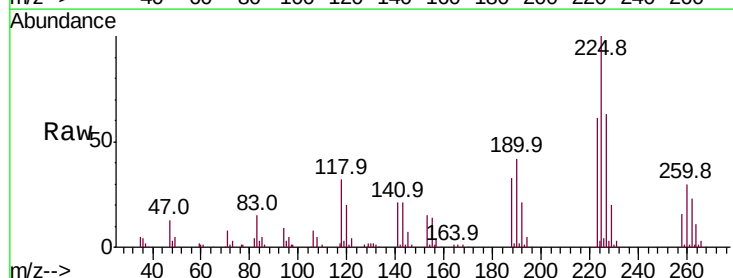
Manual Integrations
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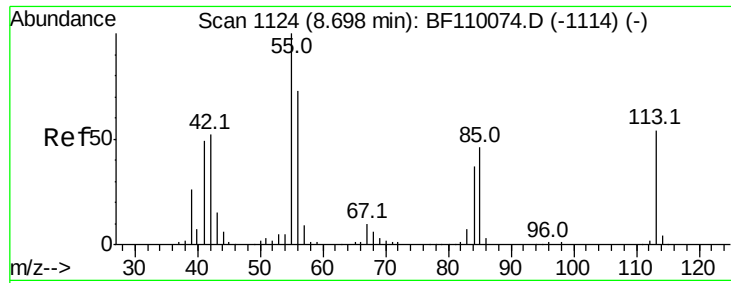
Sohil
 11/6/2018 9:00:52 AM



#34
 Hexachlorobutadiene
 Concen: 41.835 ng
 RT: 8.37 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	60.8	51.4	77.2
227	63.1	51.0	76.6





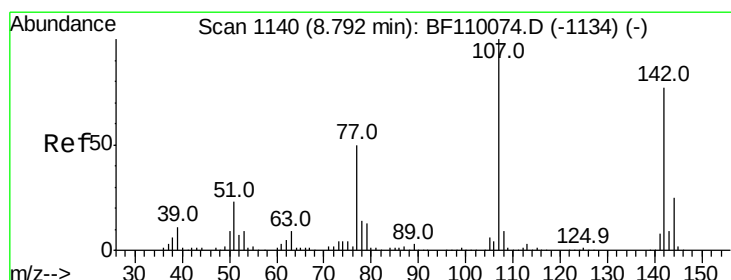
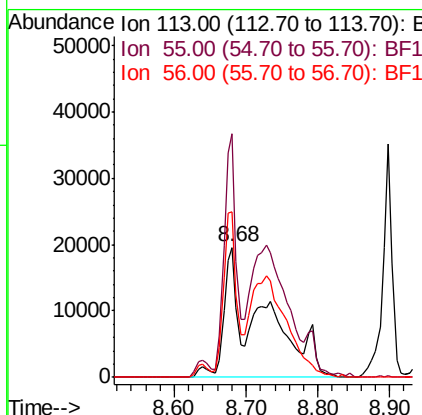
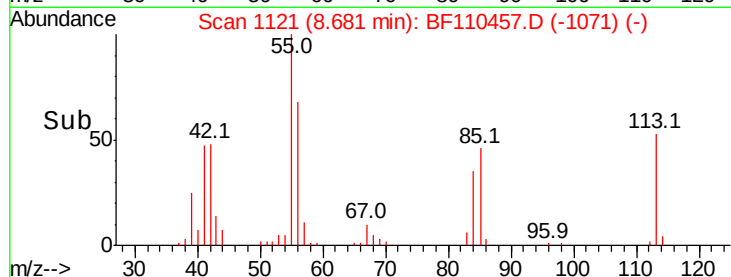
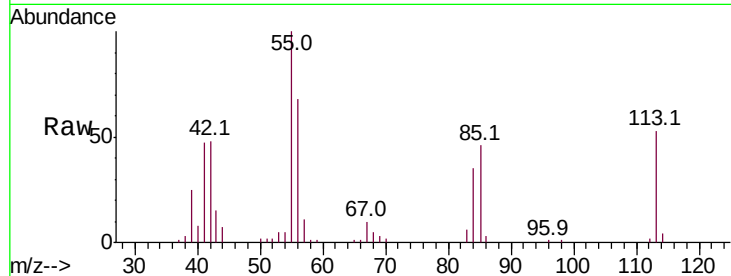
#35
Caprolactam
Concen: 42.263 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampled :
PB114468BS

Tot Ion:113 Resp: 71726
Ion Ratio Lower Upper
113 100
55 187.6 142.8 182.8#
56 127.3 105.0 145.0

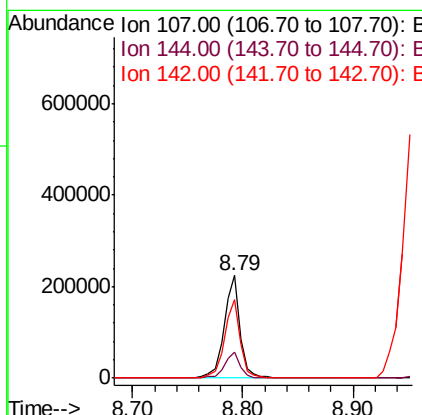
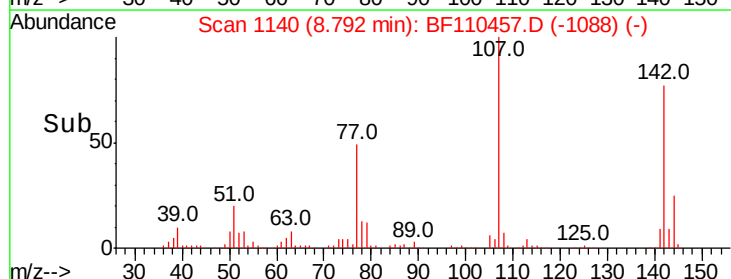
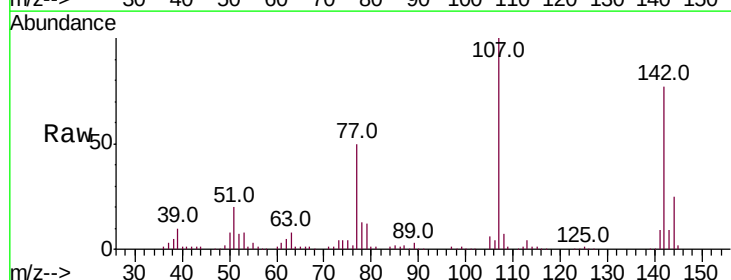
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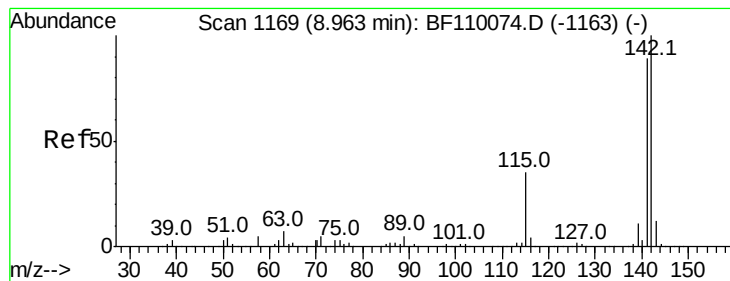
Sohil
11/6/2018 9:00:52 AM



#36
4-Chloro-3-methylphenol
Concen: 42.638 ng/ml
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion:107 Resp: 224506
Ion Ratio Lower Upper
107 100
144 25.0 20.0 30.0
142 77.0 59.7 89.5





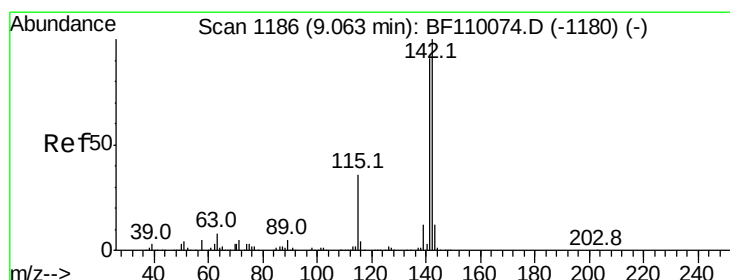
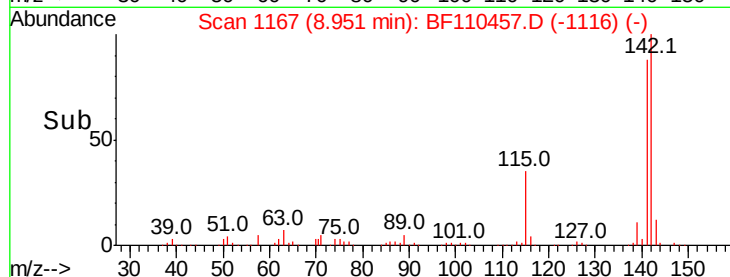
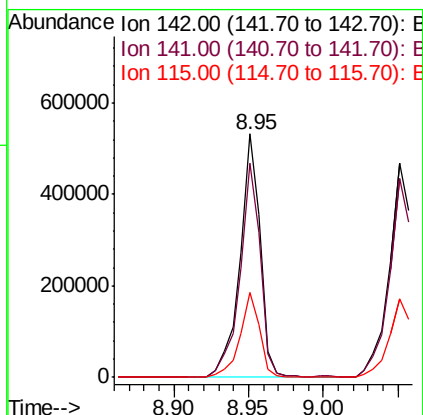
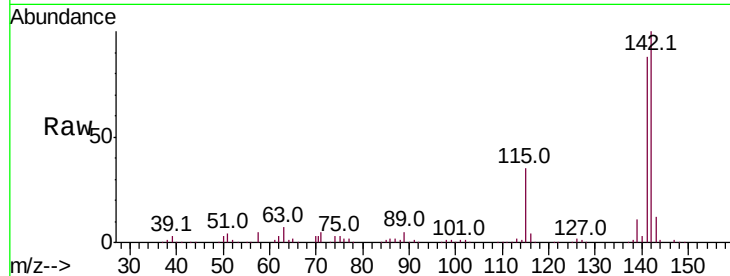
#37
2-Methylnaphthalene
Concen: 47.018 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :
PB114468BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.4	107.2
115	34.8	28.7	43.1

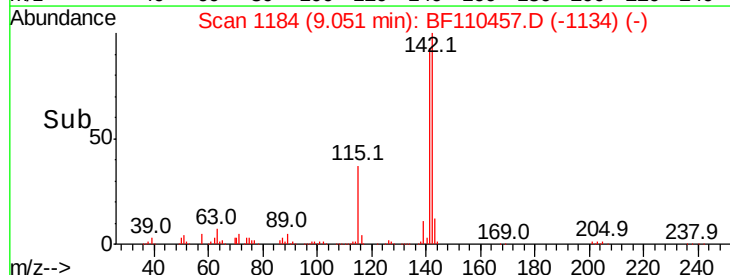
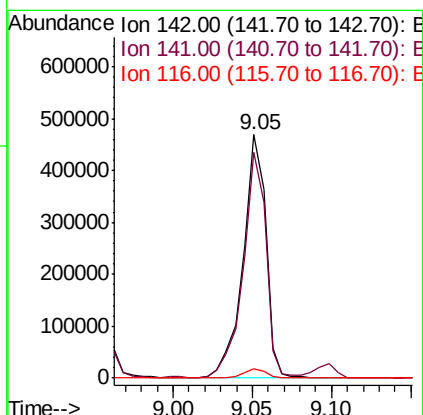
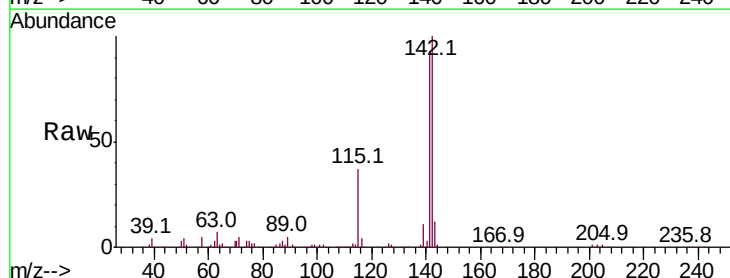
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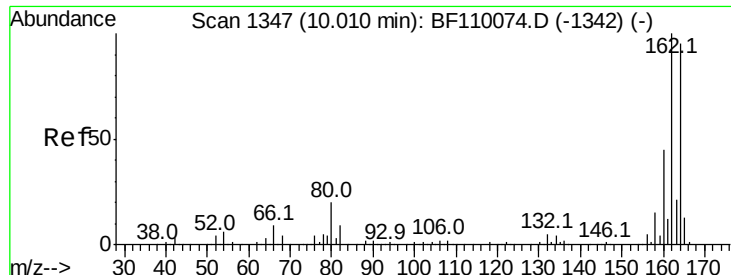
Sohil
11/6/2018 9:00:52 AM



#38
1-Methylnaphthalene
Concen: 45.281 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.2	111.4
116	3.7	2.6	4.0





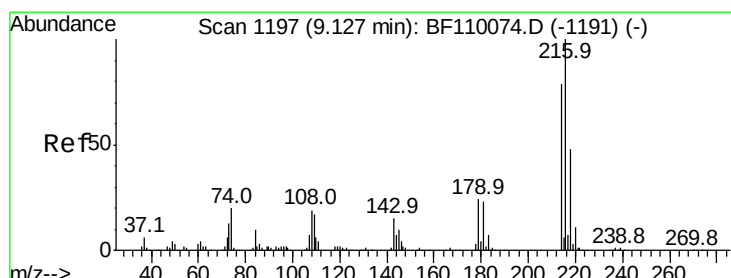
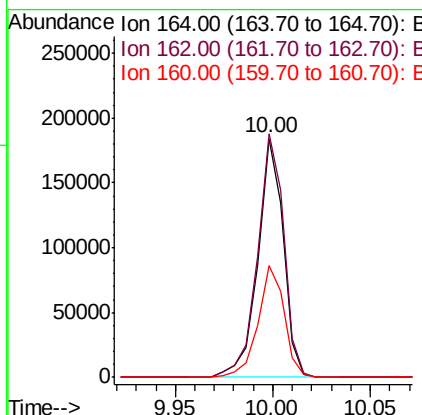
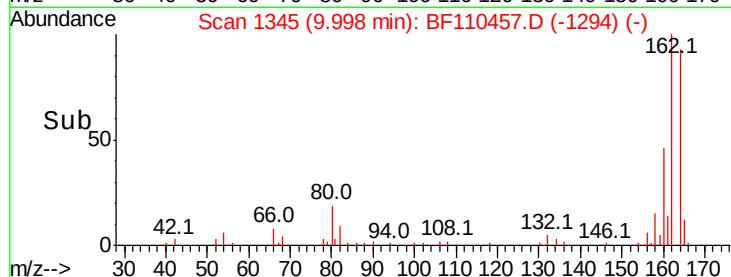
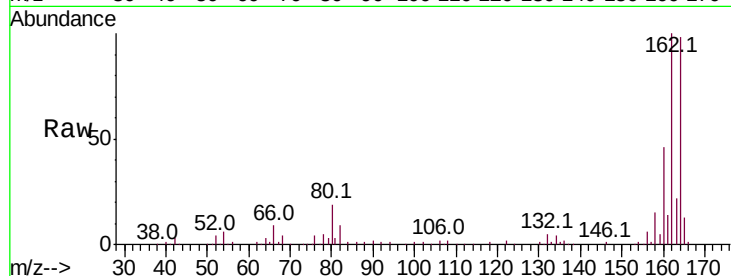
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :
PB114468BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	166361		
162	101.9	83.0	124.6	
160	46.5	37.0	55.6	

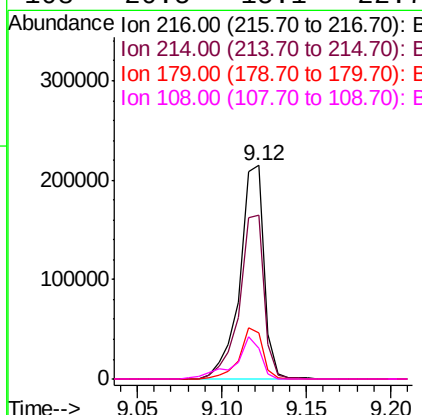
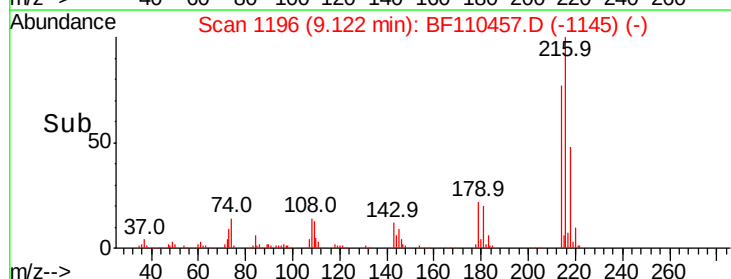
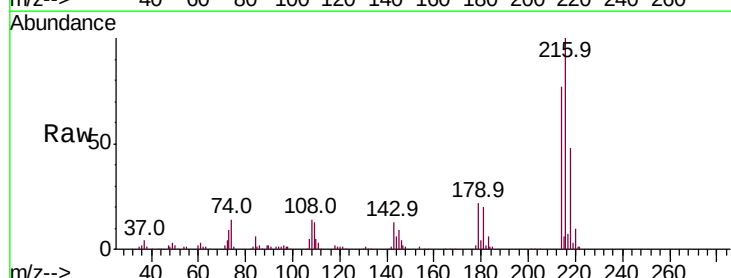
Manual Integrations
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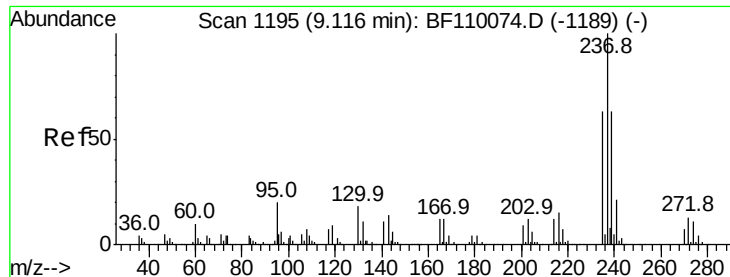
Sohil
11/6/2018 9:00:52 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.687 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	216083		
214	77.4	63.8	95.6	
179	22.7	16.6	25.0	
108	20.5	15.1	22.7	





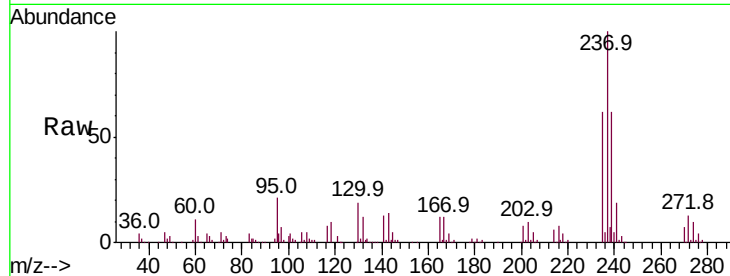
#41
Hexachlorocyclopentadiene
Concen: 74.747 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :
PB114468BS

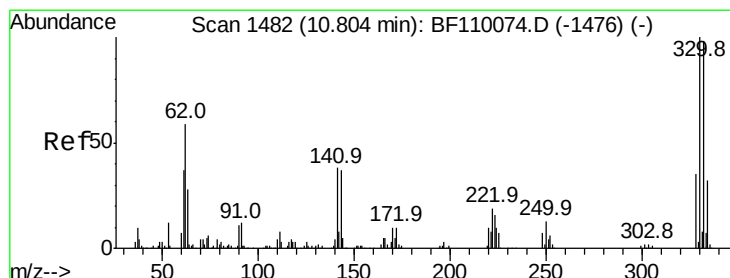
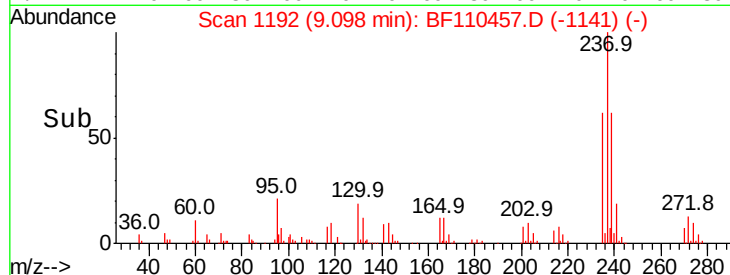
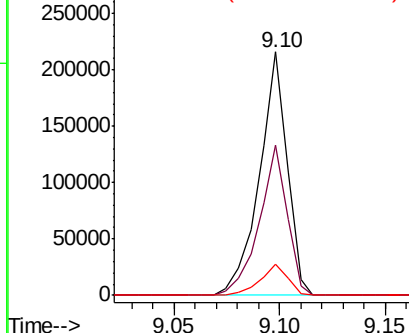
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.6	43.1	83.1
272	12.8	0.0	32.6

Manual Integrations
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11/6/2018 9:00:52 AM



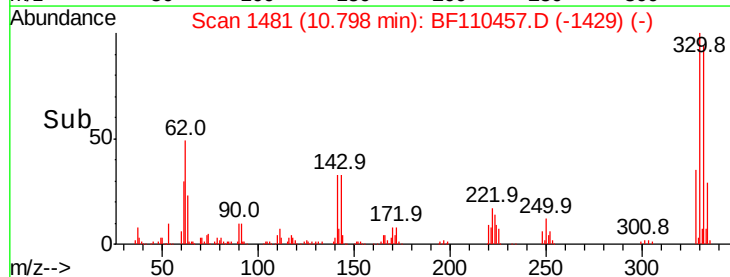
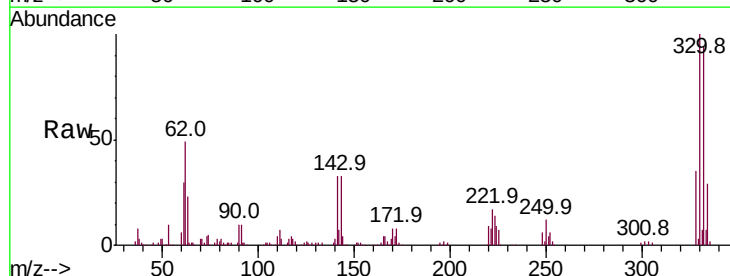
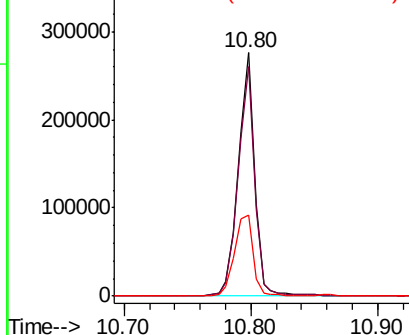
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

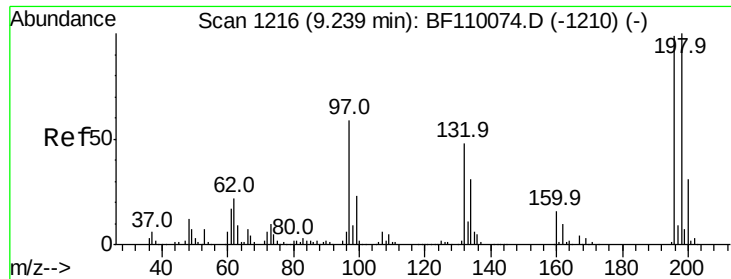


#42
2,4,6-Tribromophenol
Concen: 149.015 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.7	77.1	115.7
141	37.9	27.0	40.4

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





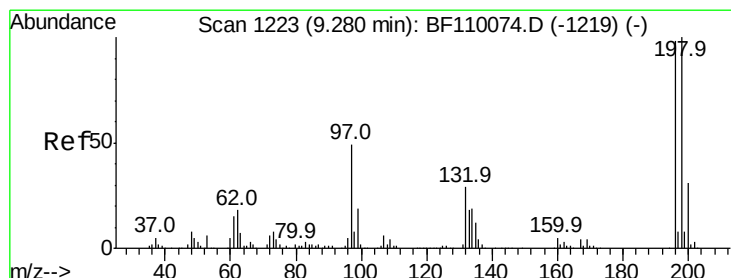
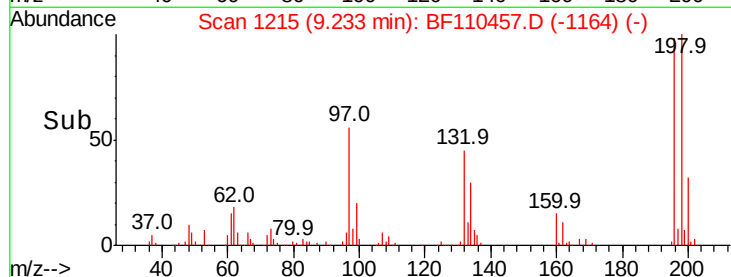
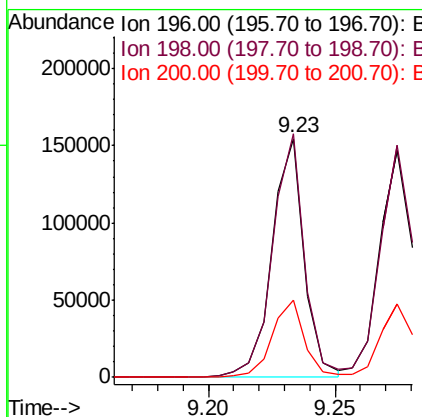
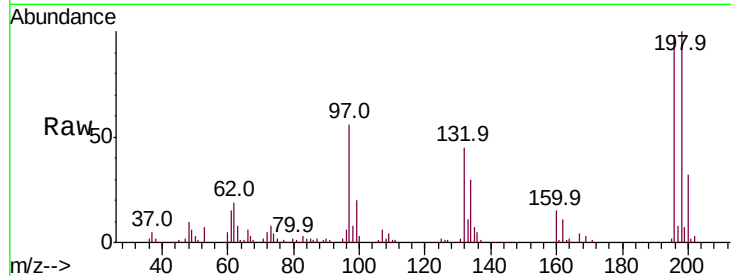
#43
 2,4,6-Trichlorophenol
 Concen: 41.302 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

Instrument :
 BNA_F
 ClientSampled :
 PB114468BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	138083		
198	102.1	76.2	114.4	
200	32.2	24.4	36.6	

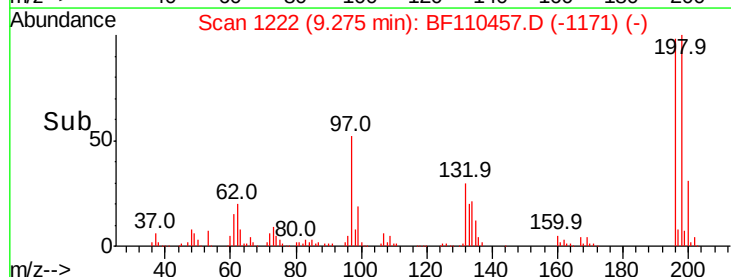
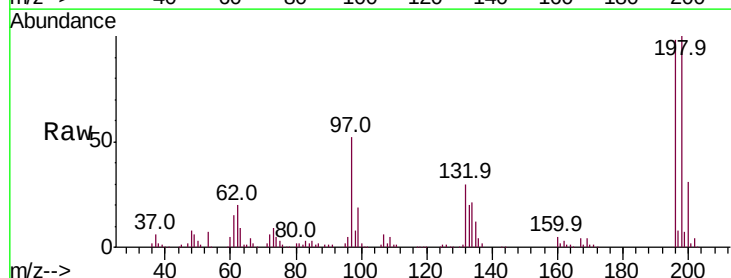
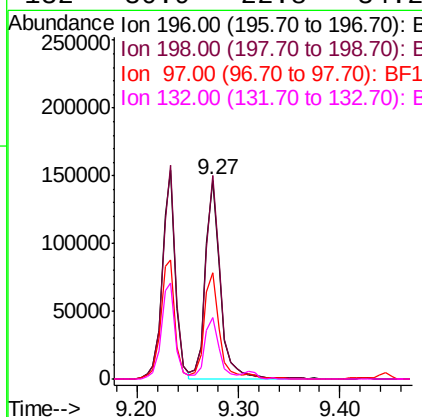
Manual Integrations
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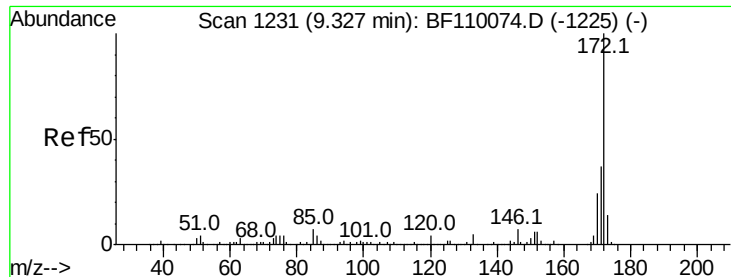
Sohil
 11/6/2018 9:00:52 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.037 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	152092		
198	102.5	75.8	113.6	
97	53.5	42.4	63.6	
132	30.9	22.8	34.2	





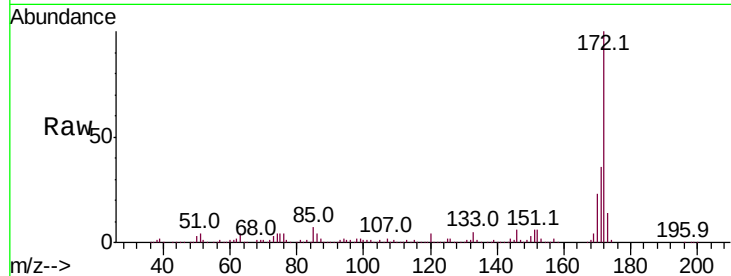
#45
2-Fluorobiphenyl
Concen: 87.949 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :
PB114468BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.4	19.7	29.5

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Sohil
11/6/2018 9:00:52 AM

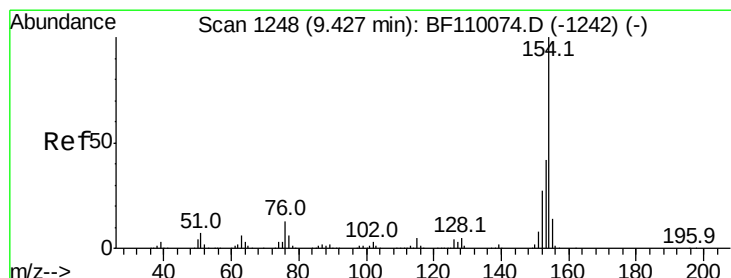
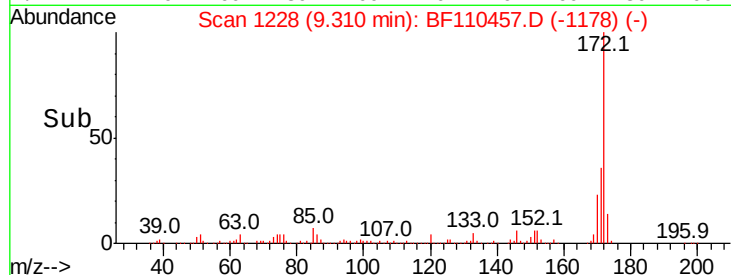
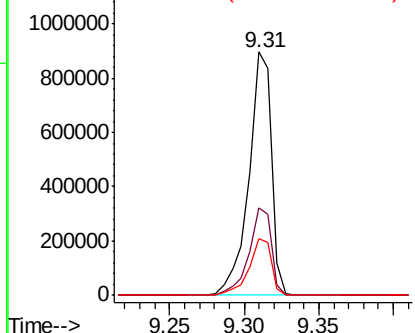


Abundance

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



#46
1,1'-Biphenyl
Concen: 40.249 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

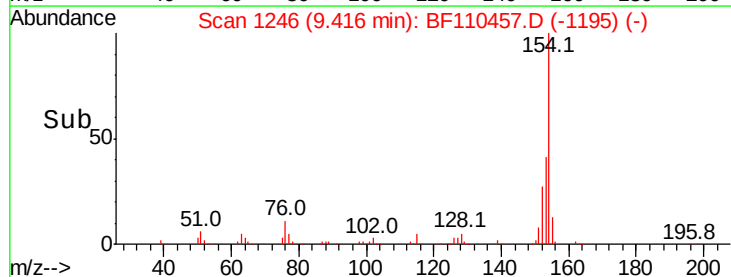
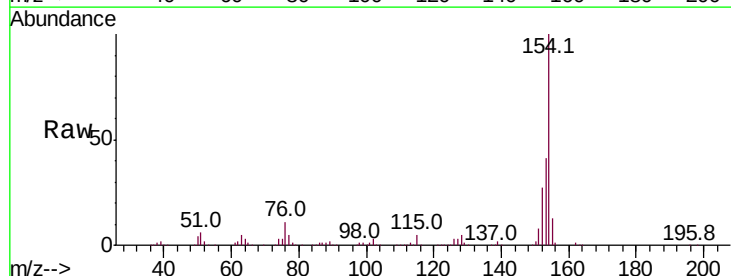
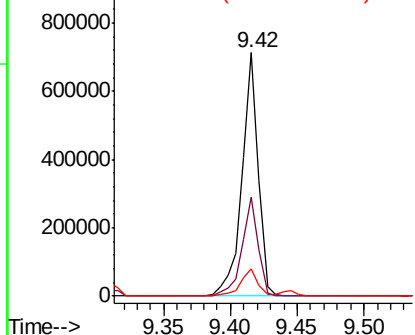
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.4	60.4
76	11.4	0.0	31.9

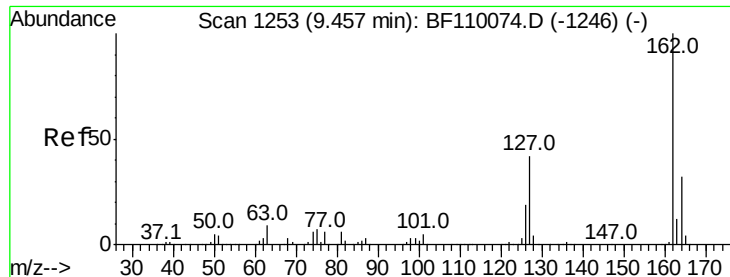
Abundance

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): BF1





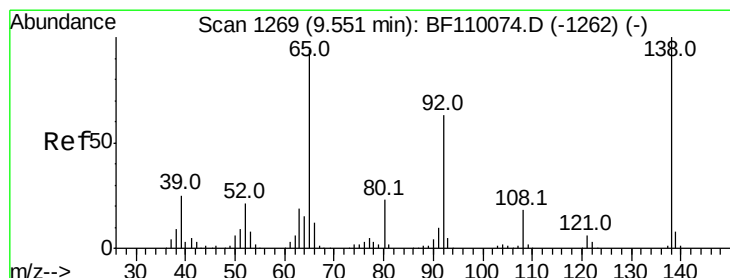
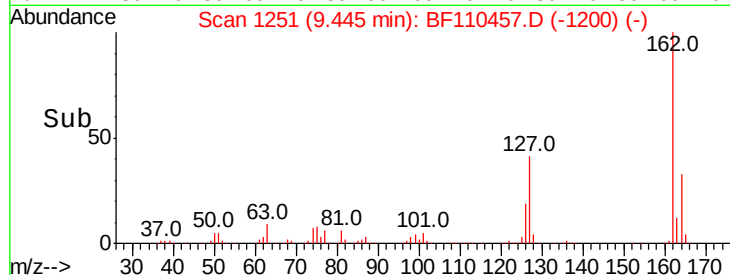
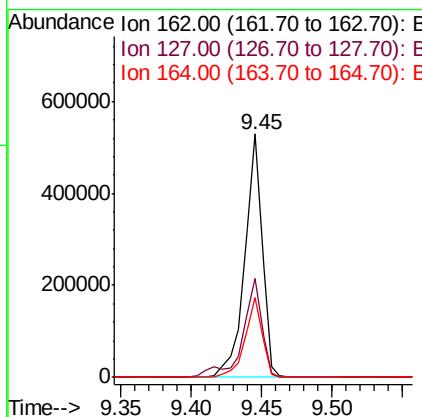
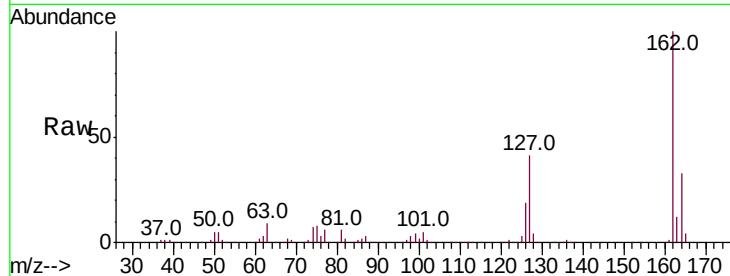
#47
 2-Chloronaphthalene
 Concen: 41.478 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

Instrument :
 BNA_F
 ClientSampleId :
 PB114468BS

Tot Ion:	162	Resp:	457721
Ion Ratio	Lower	Upper	
162	100		
127	40.8	32.6	48.8
164	32.8	25.9	38.9

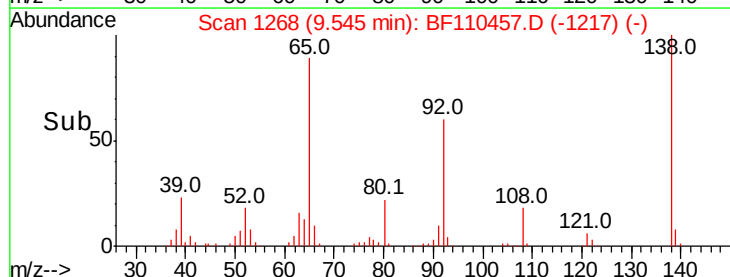
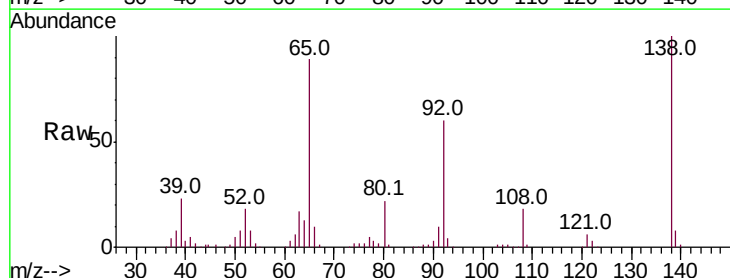
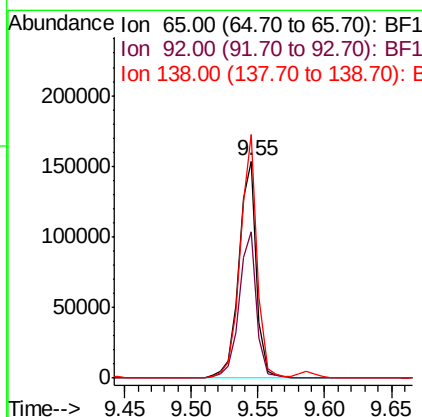
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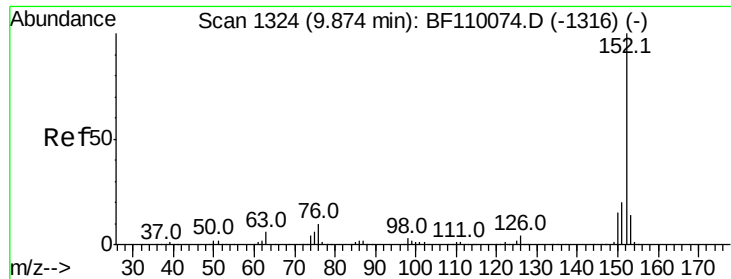
Sohil
 11/6/2018 9:00:52 AM



#48
 2-Nitroaniline
 Concen: 42.287 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

Tgt Ion:	65	Resp:	141408
Ion Ratio	Lower	Upper	
65	100		
92	67.1	54.6	81.8
138	112.0	80.3	120.5





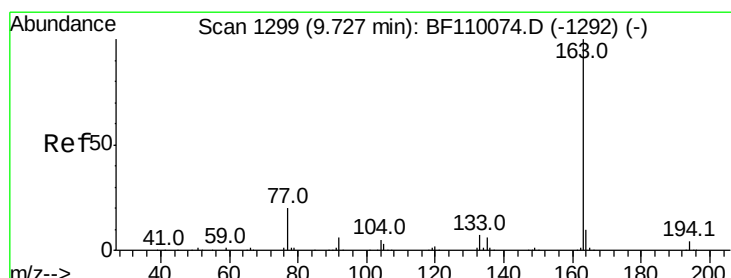
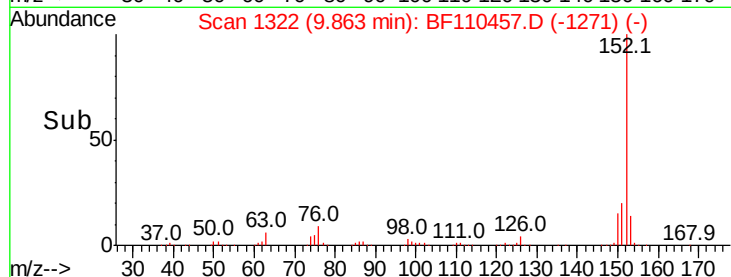
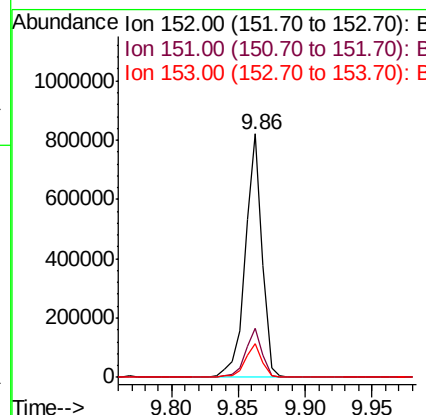
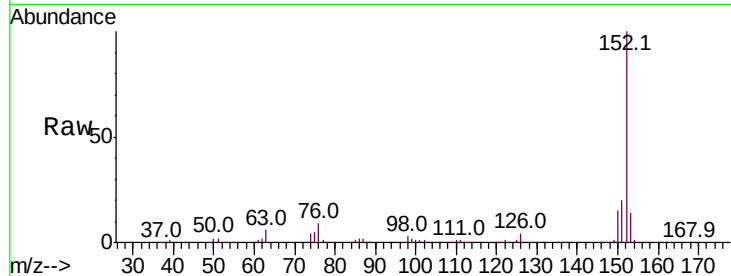
#49
Acenaphthylene
Concen: 44.766 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :
PB114468BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.7	10.4	15.6

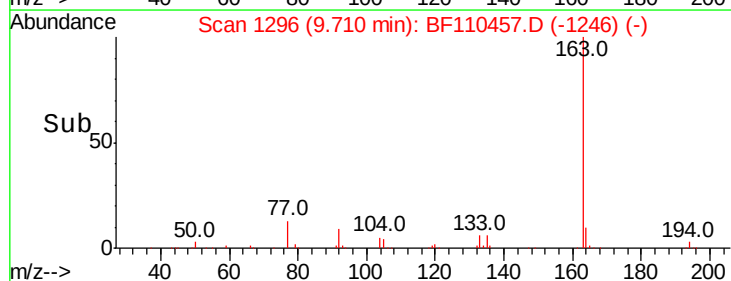
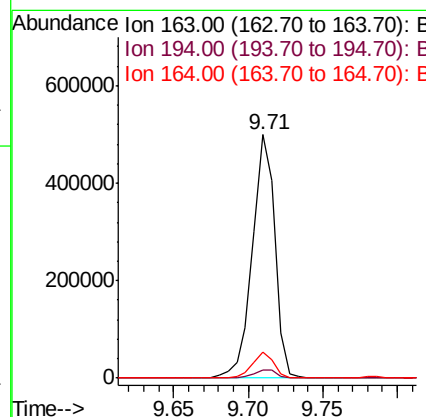
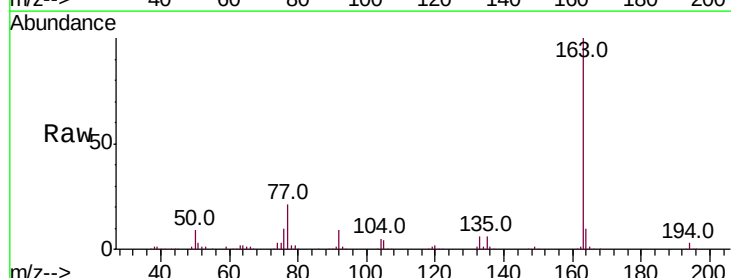
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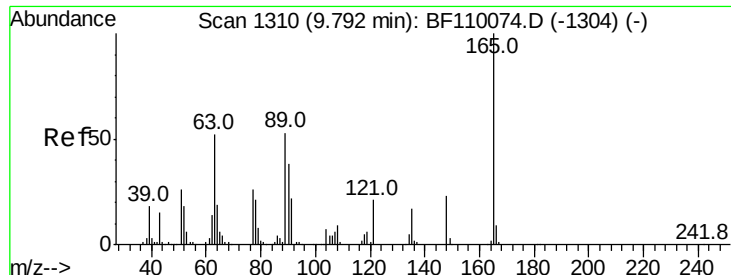
Sohil
11/6/2018 9:00:52 AM



#50
Dimethylphthalate
Concen: 42.166 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	10.5	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 43.753 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

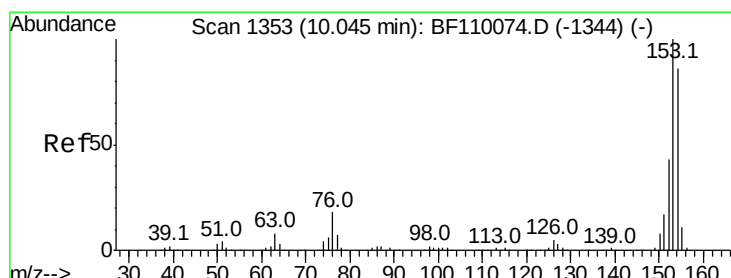
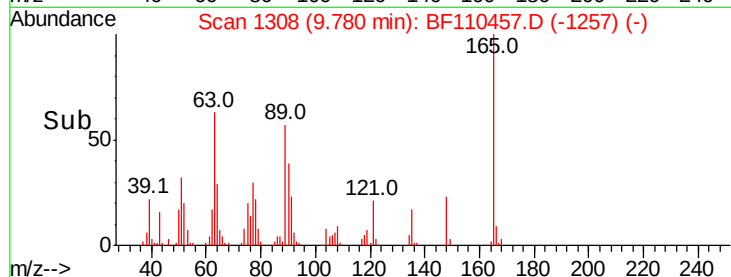
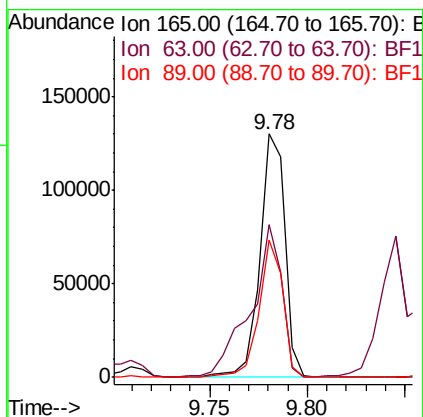
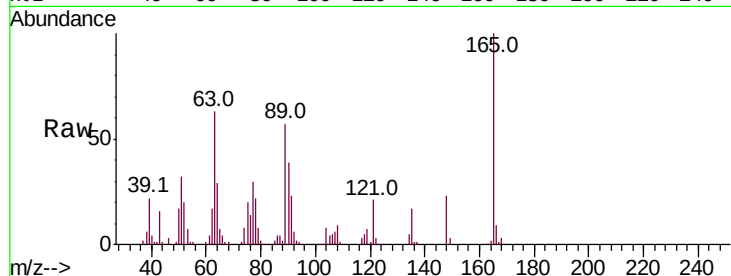
ClientSampleId :

PB114468BS

Tot Ion:	165	Resp:	115737
Ion Ratio	Lower	Upper	
165	100		
63	62.7	48.9	73.3
89	56.7	46.6	69.8

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11/6/2018 9:00:52 AM



#52

Acenaphthene

Concen: 40.516 ng

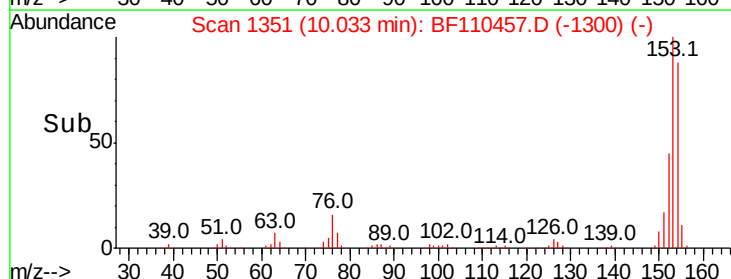
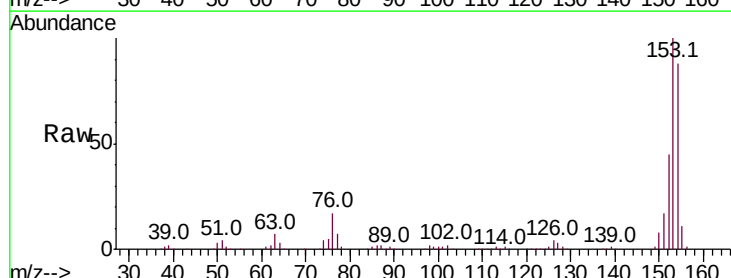
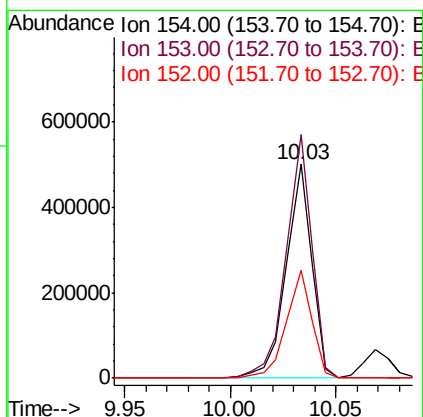
RT: 10.03 min Scan# 1351

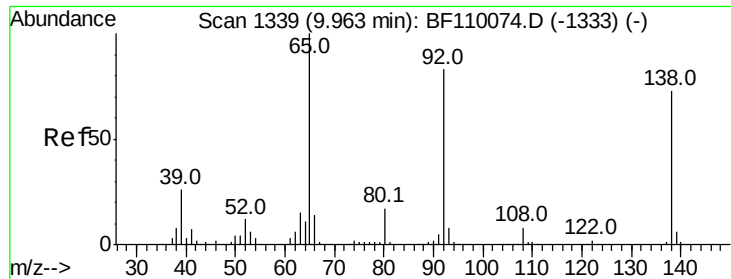
Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Tgt Ion:	154	Resp:	427212
Ion Ratio	Lower	Upper	
154	100		
153	114.0	90.1	135.1
152	50.7	43.4	65.2





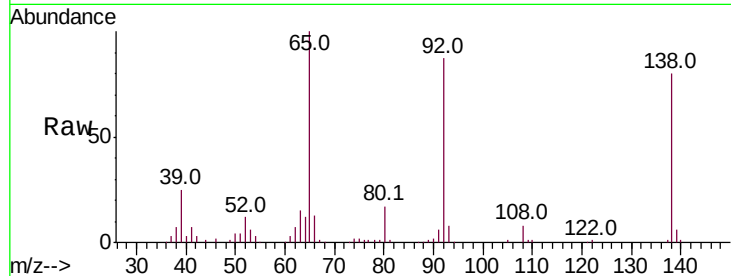
#53
3-Nitroaniline
Concen: 28.606 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :
PB114468BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.7	13.1
92	108.6	97.0	145.4

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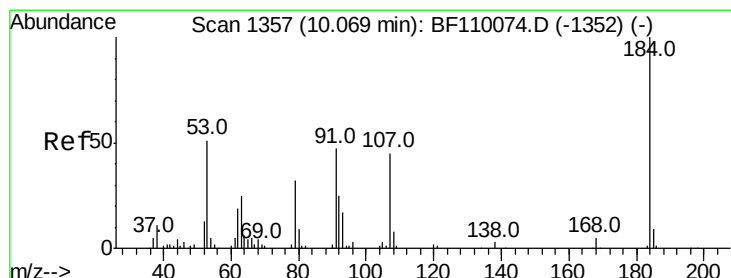
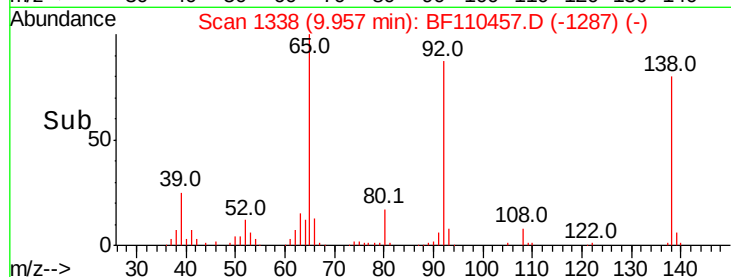
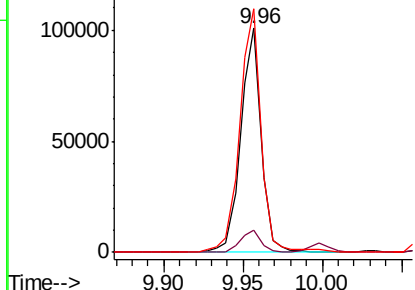


Abundance

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): BF1



#54
2,4-Dinitrophenol
Concen: 88.363 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

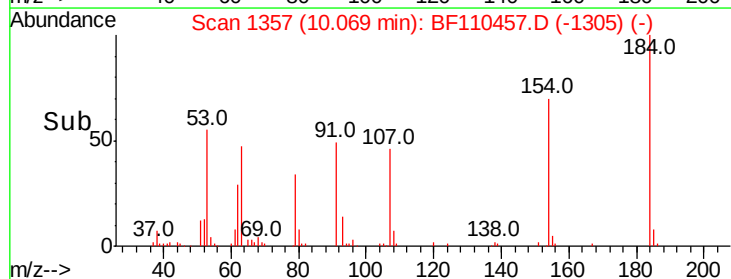
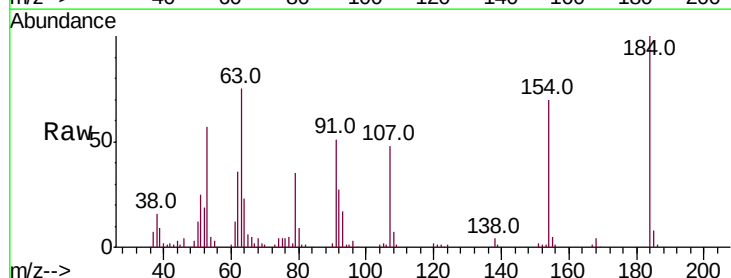
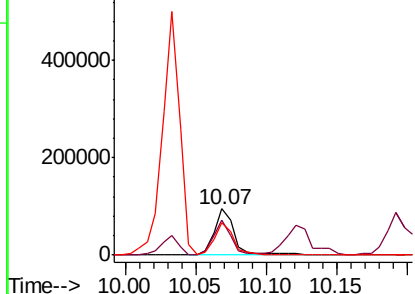
Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.8	55.8	83.6
154	70.2	63.2	94.8

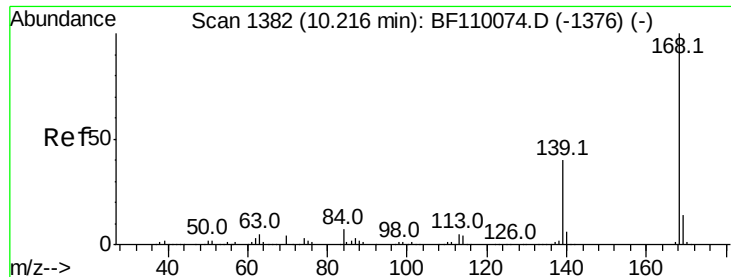
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





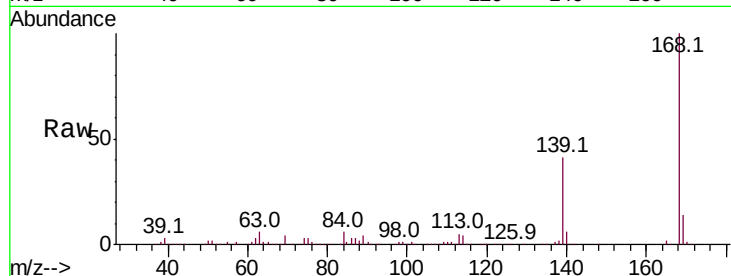
#55
Dibenzofuran
Concen: 41.730 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :
PB114468BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.1	33.0	49.6
169	13.6	11.3	16.9

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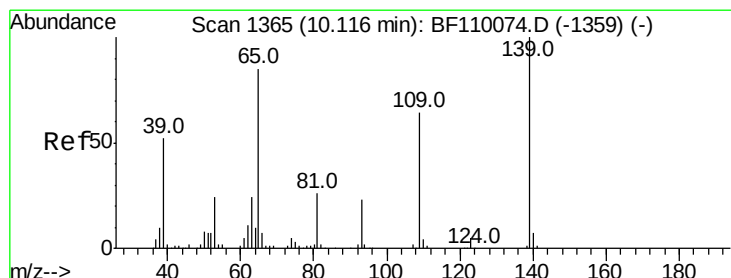
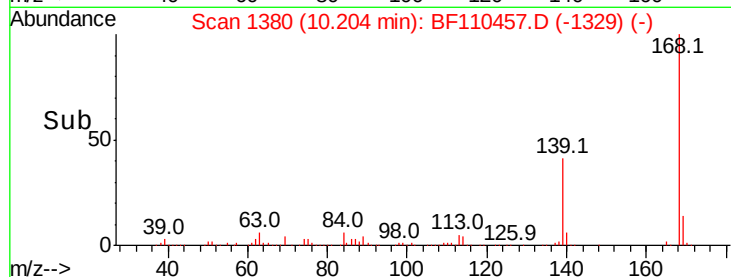
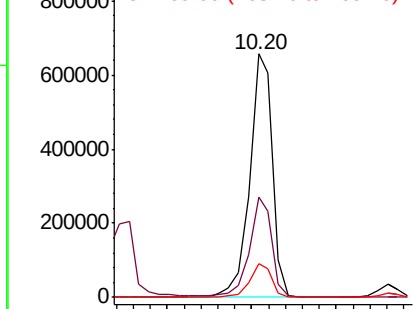


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 103.338 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.02 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

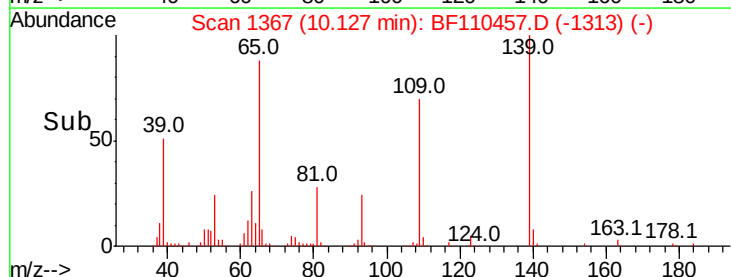
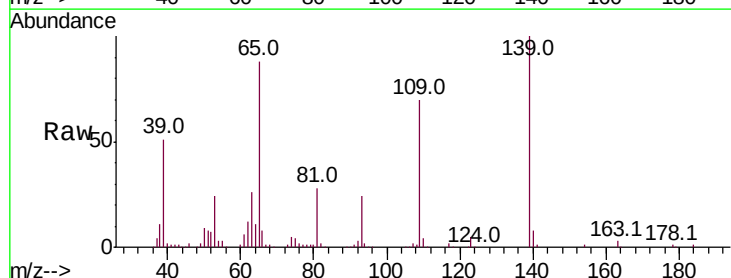
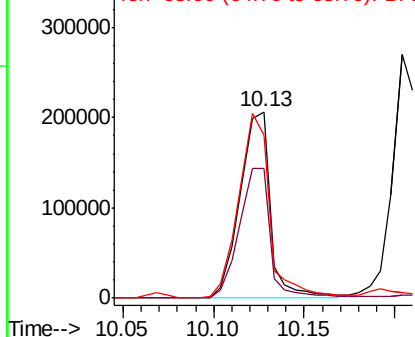
Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.6	55.8	95.8
65	88.0	77.9	117.9

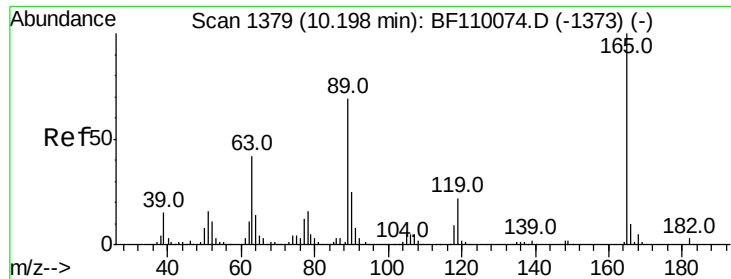
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





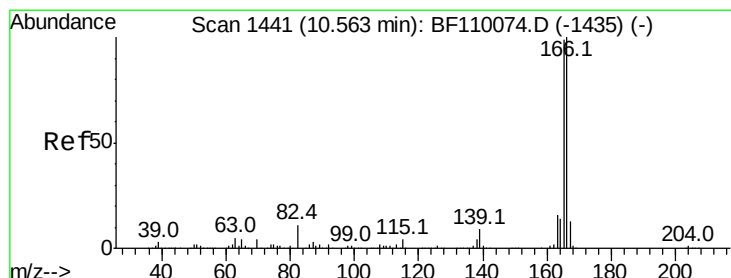
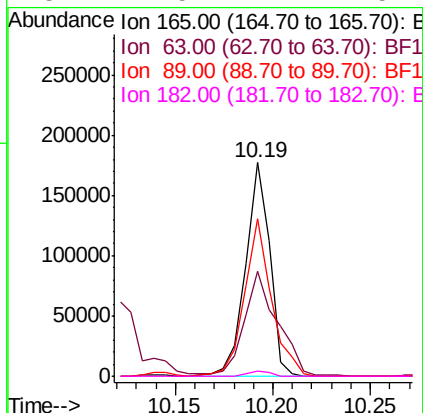
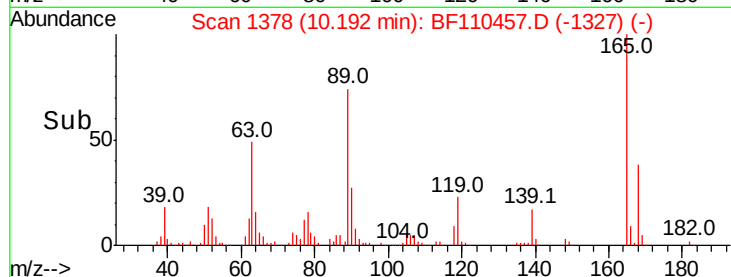
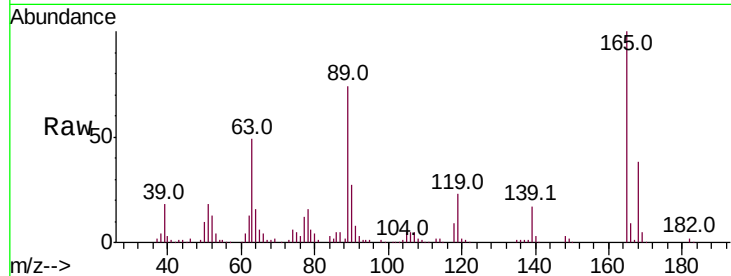
#57
2,4-Dinitrotoluene
Concen: 45.369 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleID :
PB114468BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.4	44.8	67.2	
89	73.8	62.2	93.4	
182	2.5	2.1	3.1	

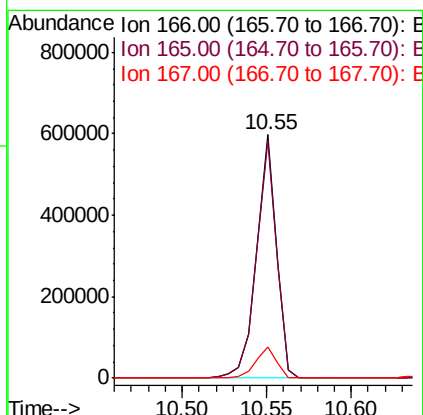
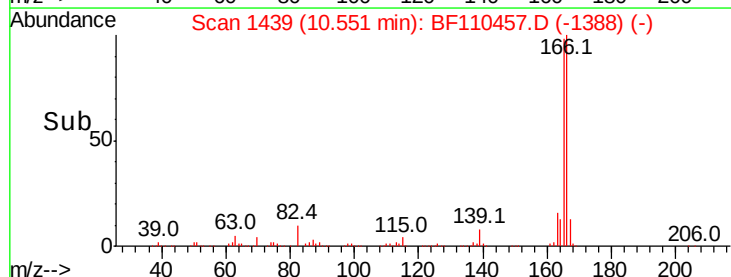
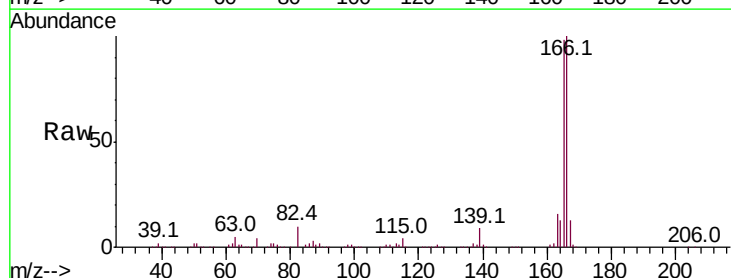
Manual Integrations
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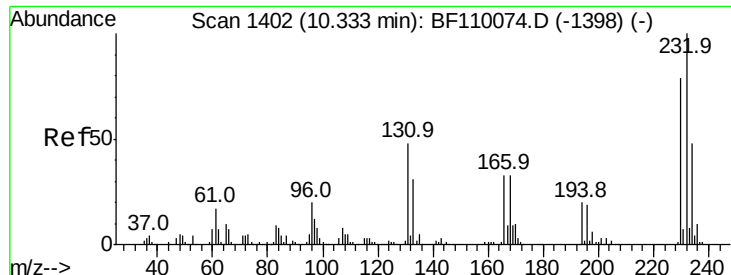
Sohil
11/6/2018 9:00:52 AM



#58
Fluorene
Concen: 45.515 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.6	78.6	117.8	
167	13.0	10.8	16.2	





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.198 ng

RT: 10.32 min Scan# 1400

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

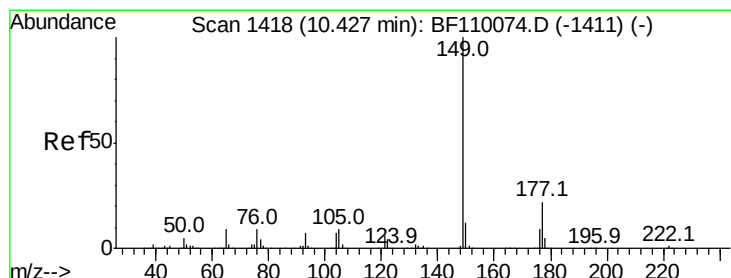
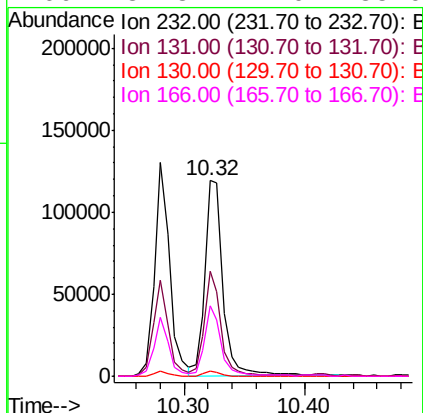
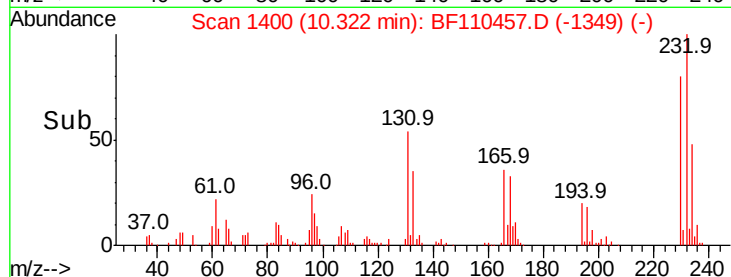
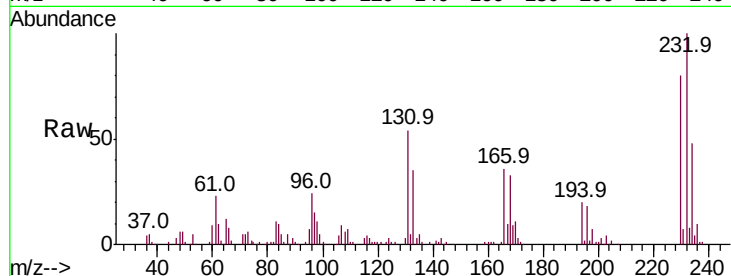
ClientSampled :

PB114468BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	124431		
131	49.8	37.0	55.4	
130	2.3	1.8	2.6	
166	31.8	22.0	33.0	

Manual Integrations
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Sohil
11/6/2018 9:00:52 AM



#60

Diethylphthalate

Concen: 42.734 ng

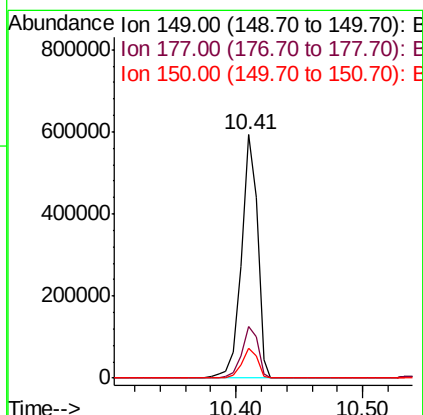
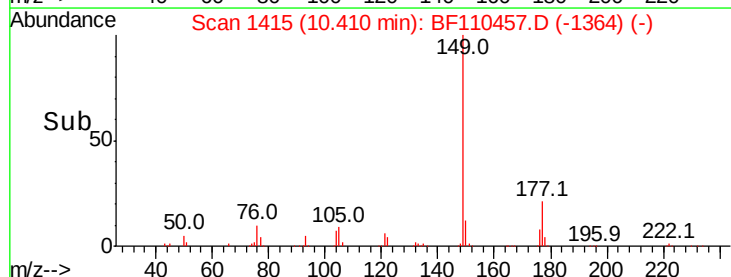
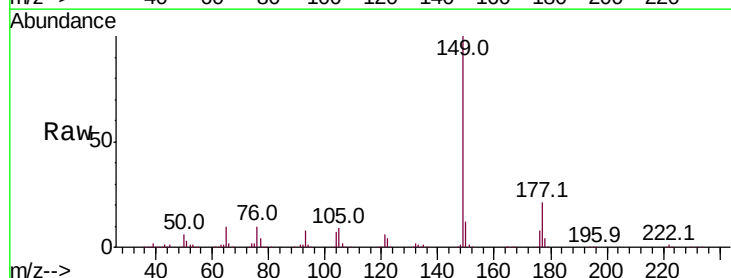
RT: 10.41 min Scan# 1415

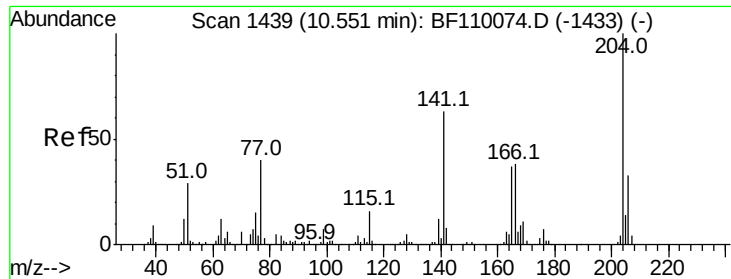
Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	512284		
177	21.0	17.4	26.2	
150	12.4	9.8	14.8	





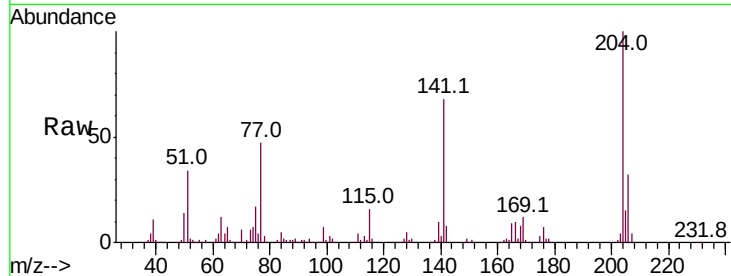
#61
4-Chlorophenyl-phenylether
Concen: 40.995 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :
PB114468BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	68.1	51.8	77.8

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11/6/2018 9:00:52 AM

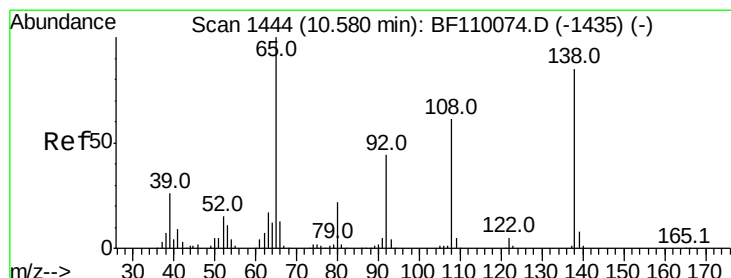
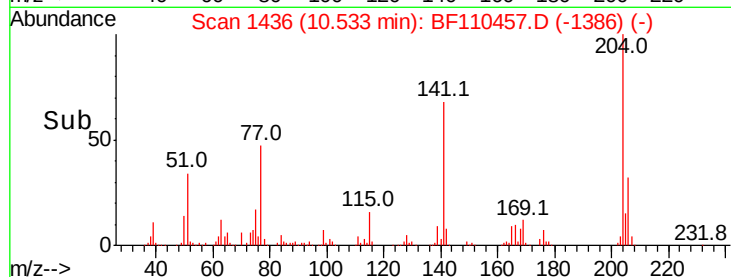
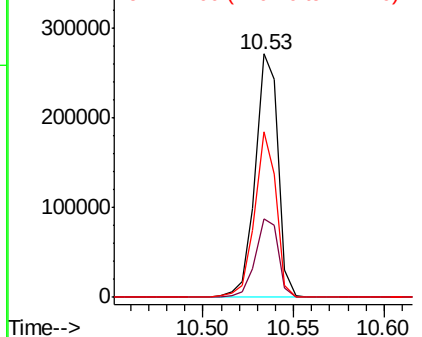


Abundance

Ion 204.00 (203.70 to 204.70): E

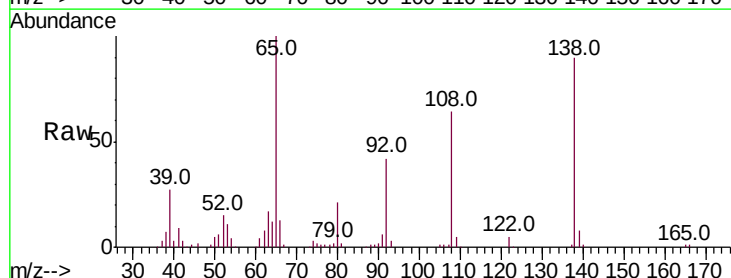
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.411 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.0	31.7	71.7
108	70.9	59.3	99.3

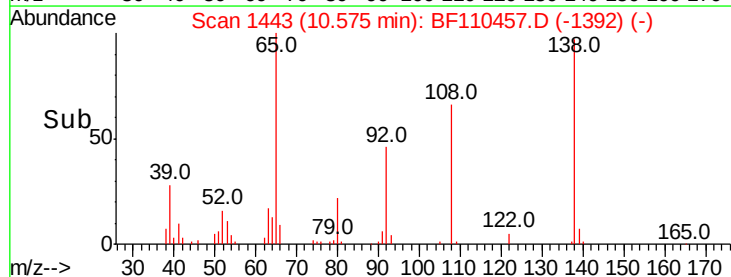
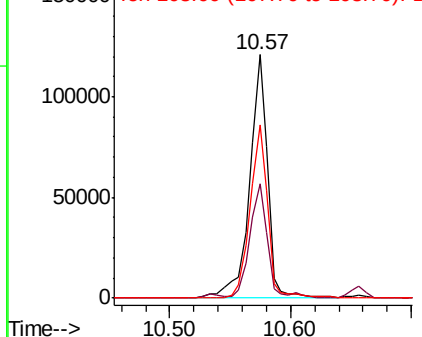


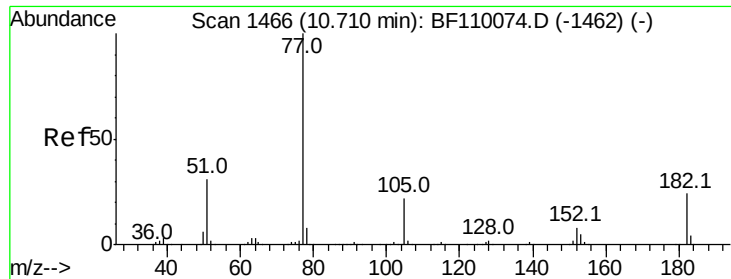
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





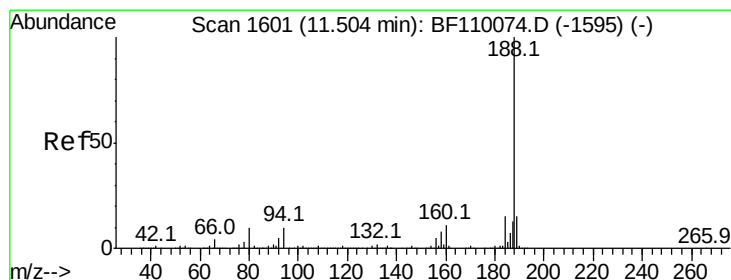
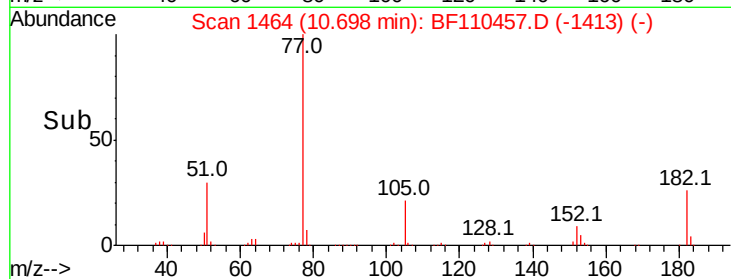
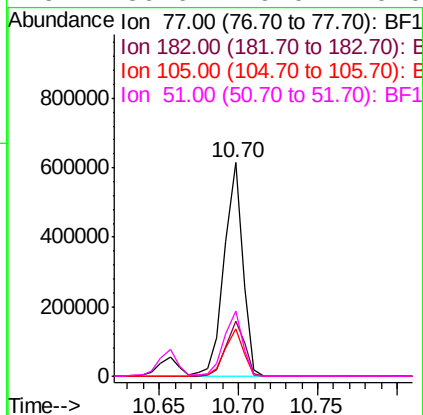
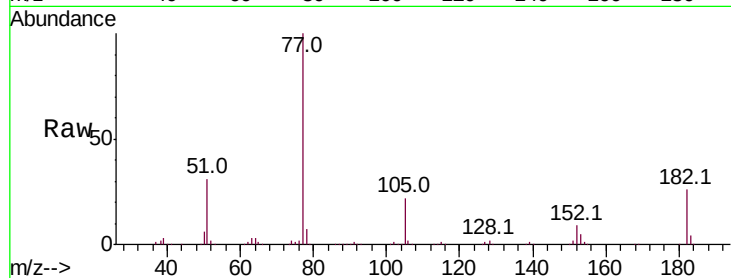
#63
Azobenzene
Concen: 42.208 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :
PB114468BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.0	4.3	44.3
105	22.2	1.3	41.3
51	30.6	9.0	49.0

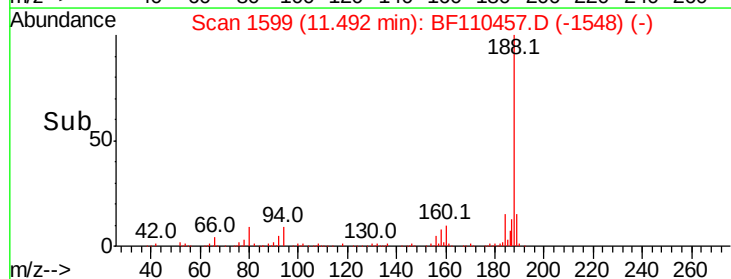
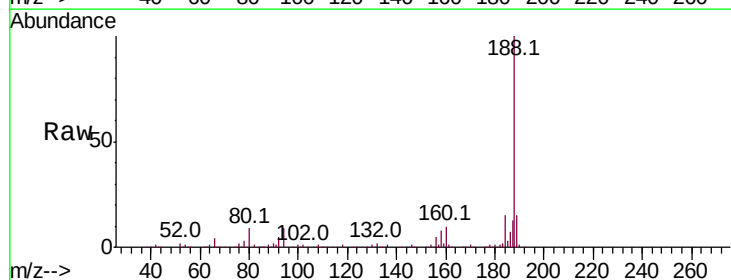
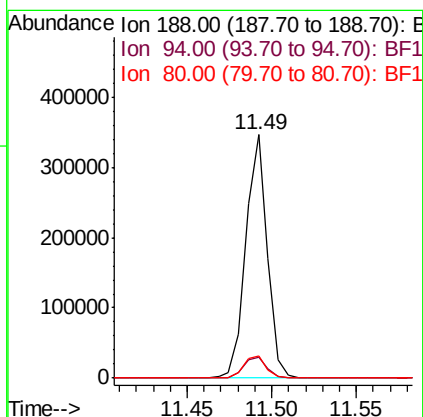
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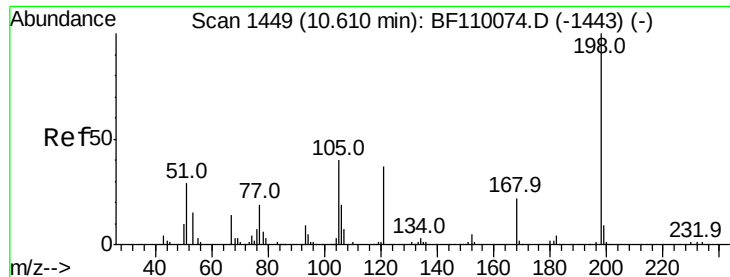
Sohil
11/6/2018 9:00:52 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.4	7.9	11.9





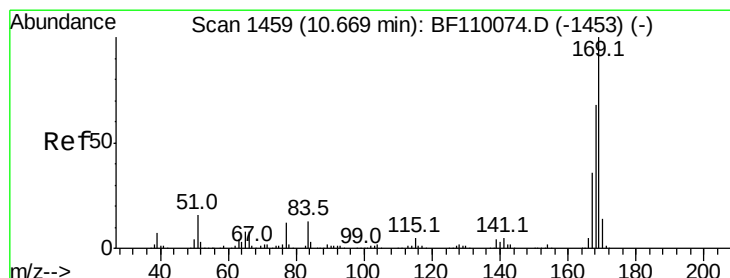
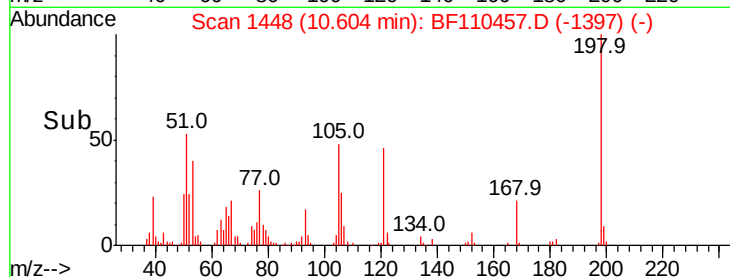
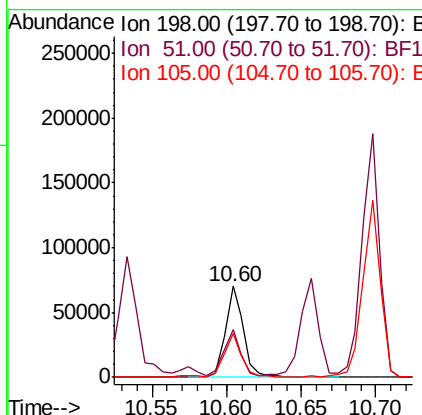
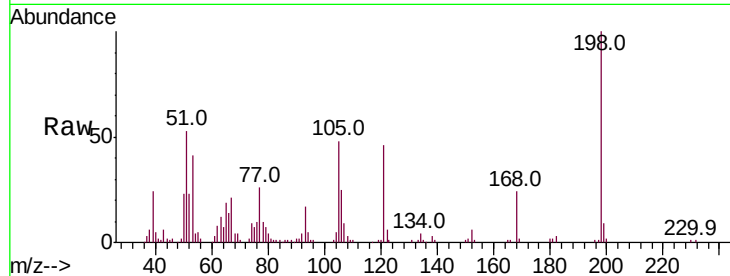
#65
4,6-Dinitro-2-methylphenol
Concen: 42.911 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :
PB114468BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	52.8	22.8	62.8
105	48.1	23.6	63.6

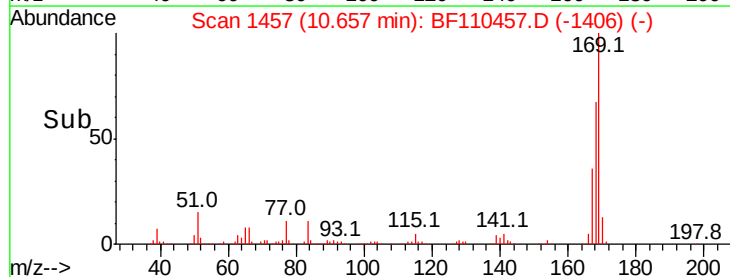
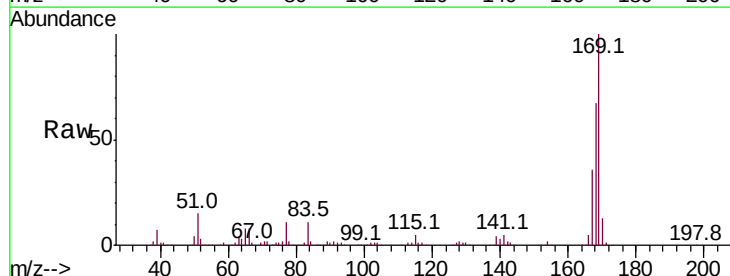
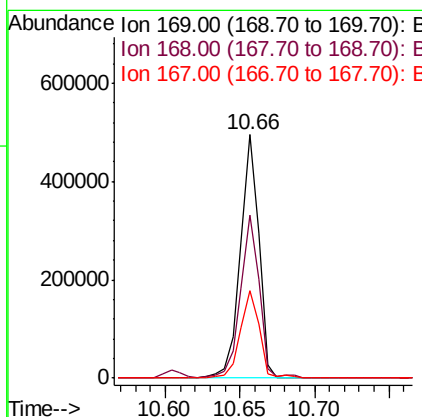
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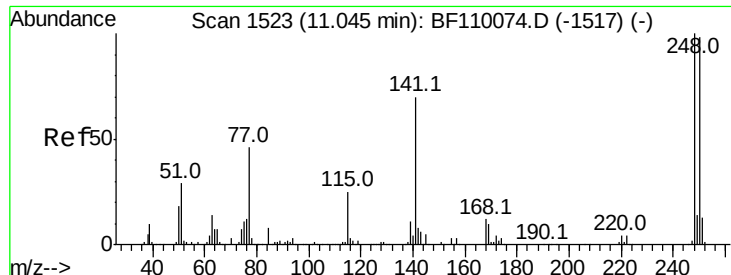
Sohil
11/6/2018 9:00:52 AM



#66
n-Nitrosodiphenylamine
Concen: 42.547 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.0	51.2	76.8
167	36.0	27.8	41.6





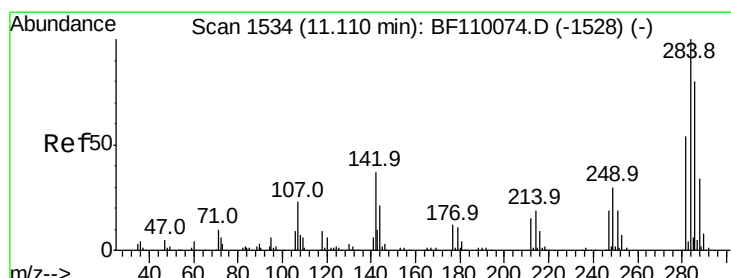
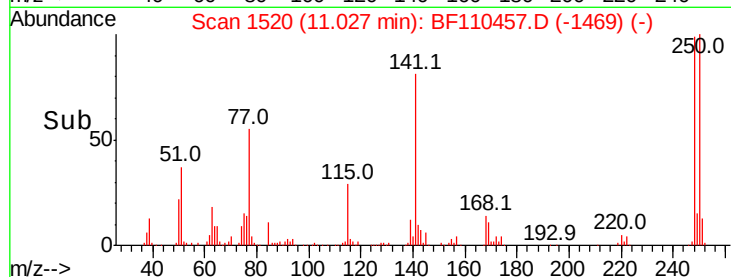
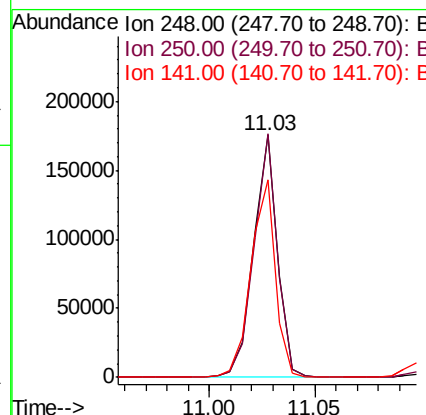
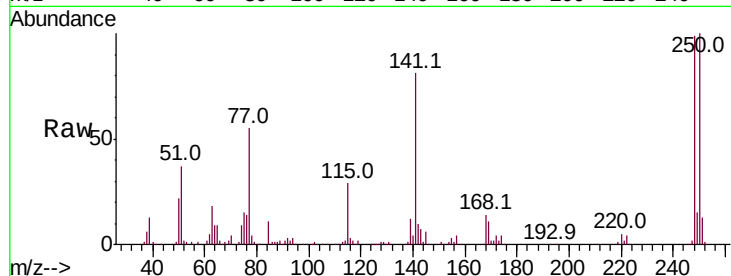
#67
4-Bromophenyl-phenylether
Concen: 41.425 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :
PB114468BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.7	79.4	119.2
141	81.6	55.9	83.9

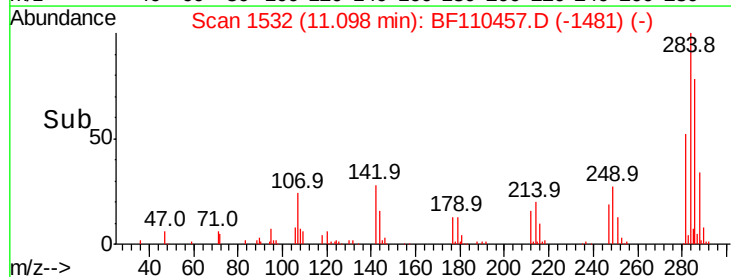
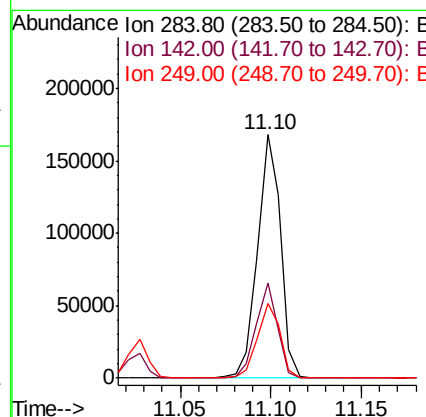
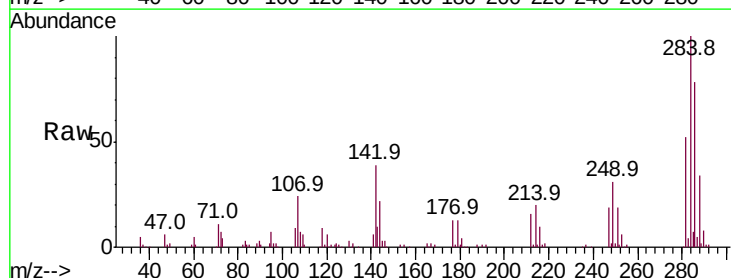
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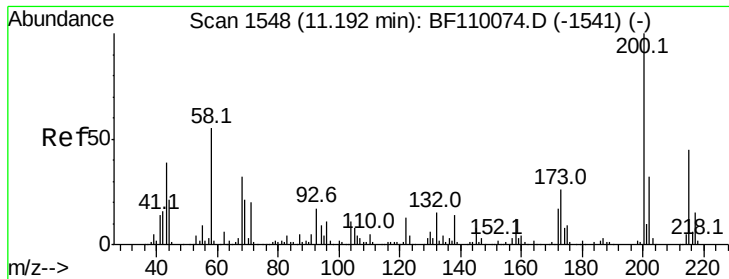
Sohil
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#68
Hexachlorobenzene
Concen: 41.756 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.9	23.9	35.9#
249	30.9	24.2	36.2





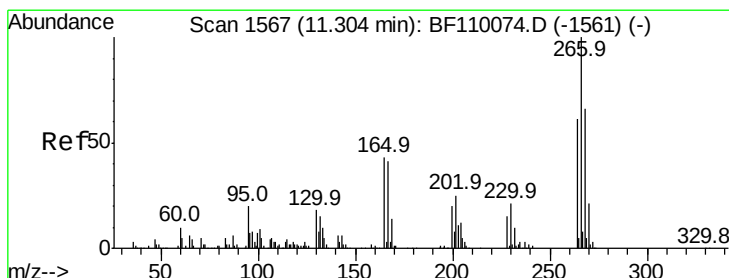
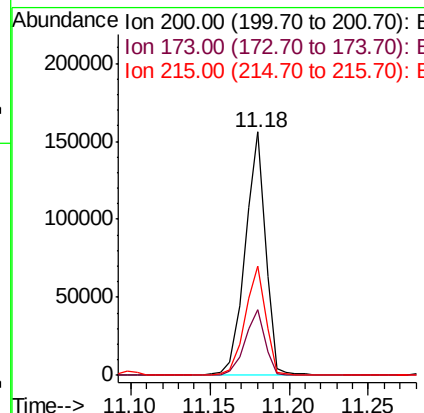
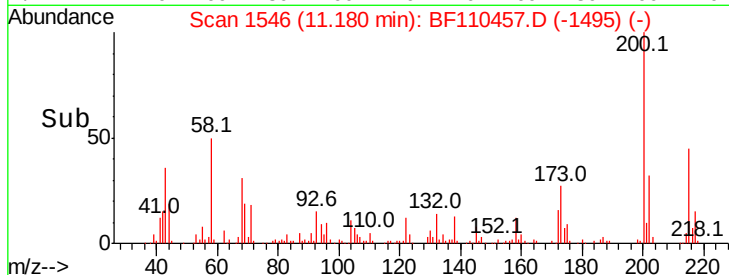
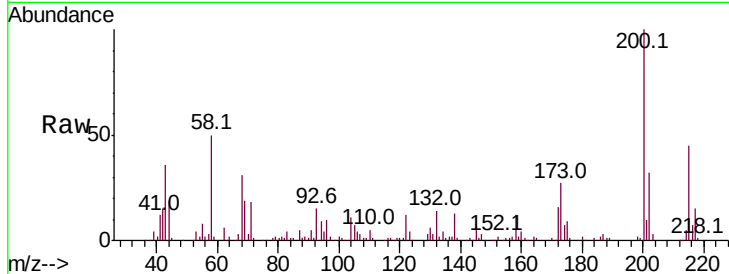
#69
Atrazine
Concen: 43.322 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :
PB114468BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.1	6.6	46.6
215	44.8	26.3	66.3

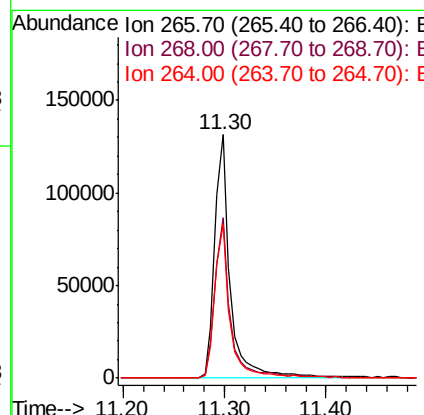
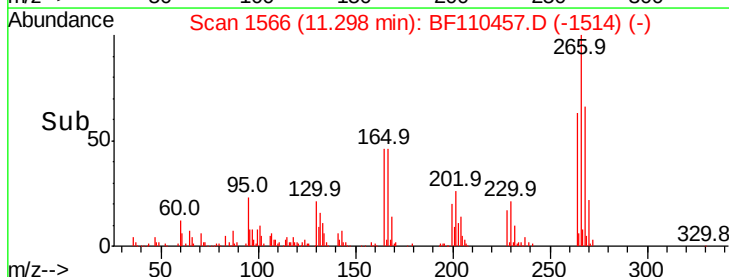
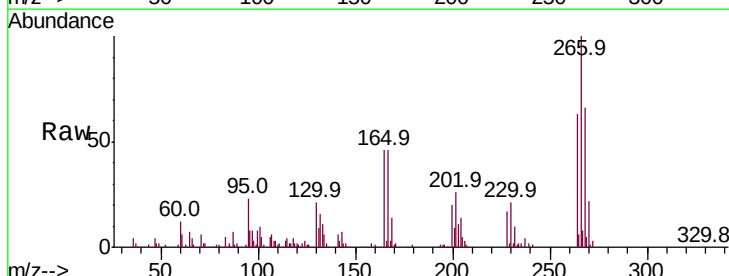
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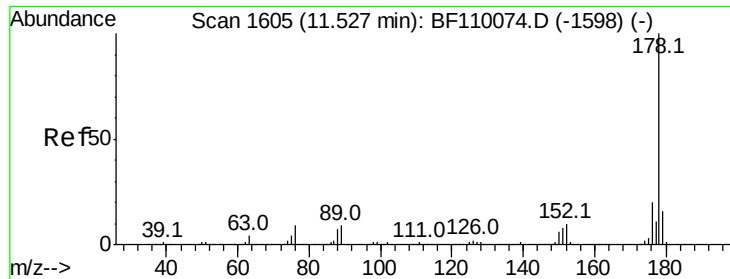
Sohil
11/6/2018 9:00:52 AM



#70
Pentachlorophenol
Concen: 68.295 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.8	50.6	75.8
264	63.1	50.6	75.8





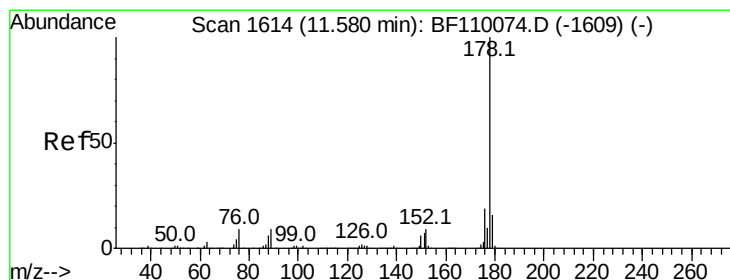
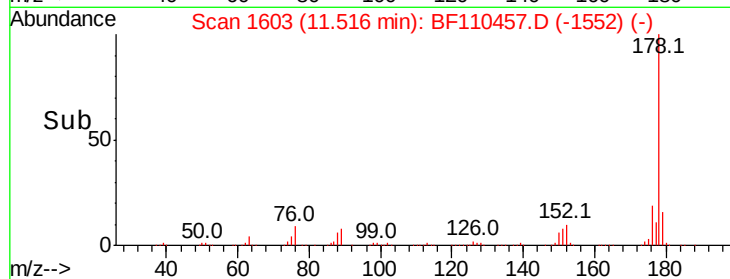
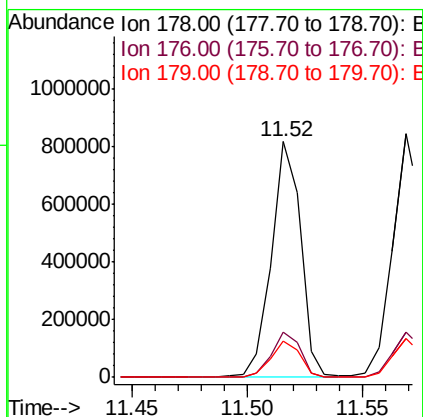
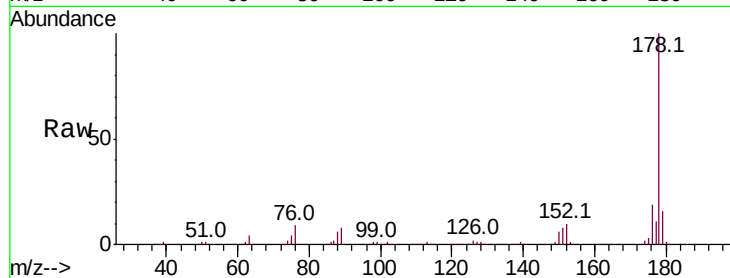
#71
Phenanthrene
Concen: 44.784 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :
PB114468BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.6	12.5	18.7

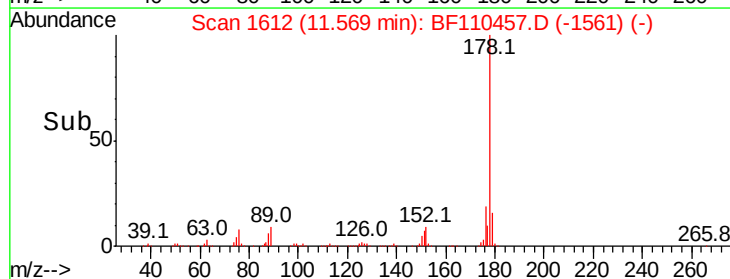
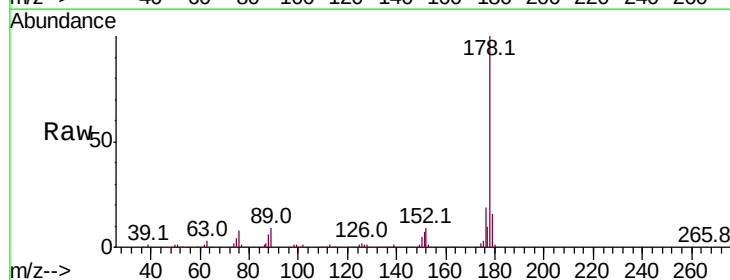
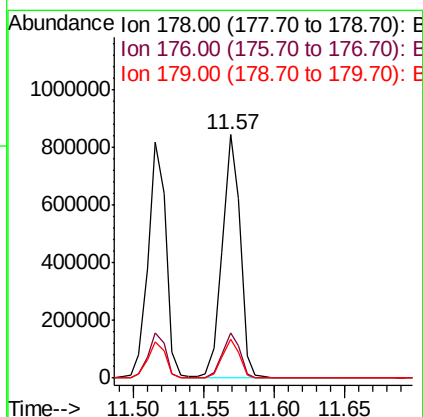
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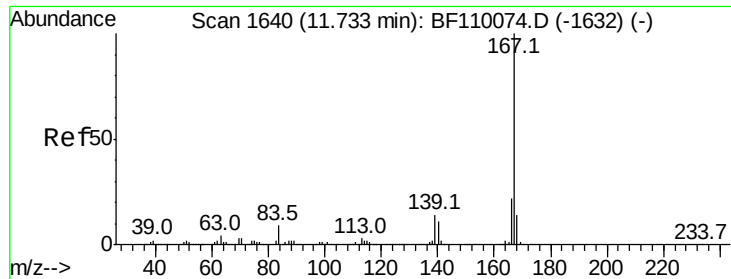
Sohil
11/6/2018 9:00:52 AM



#72
Anthracene
Concen: 46.528 ng
RT: 11.57 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.7	12.6	18.8





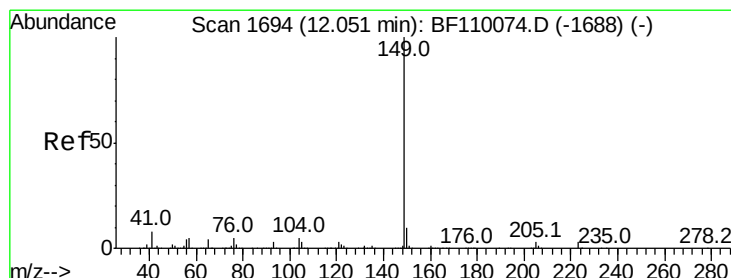
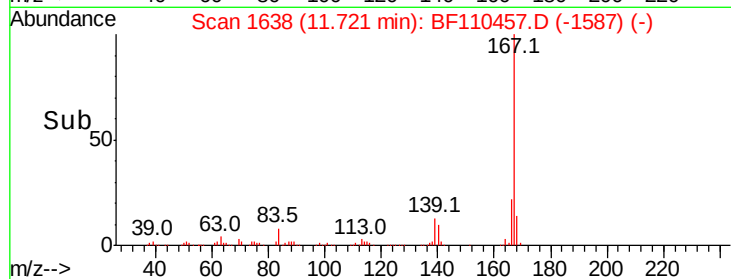
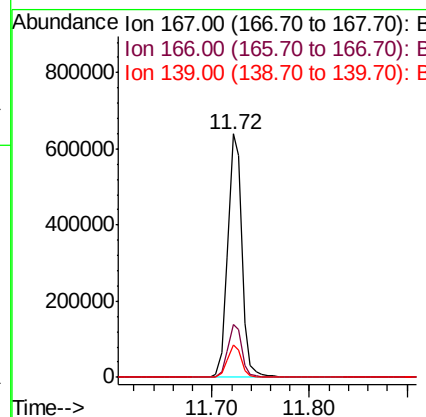
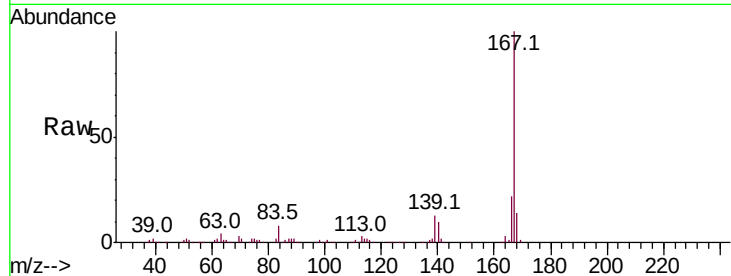
#73
 Carbazole
 Concen: 41.039 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

Instrument :
 BNA_F
 ClientSampleId :
 PB114468BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	13.5	10.9	16.3

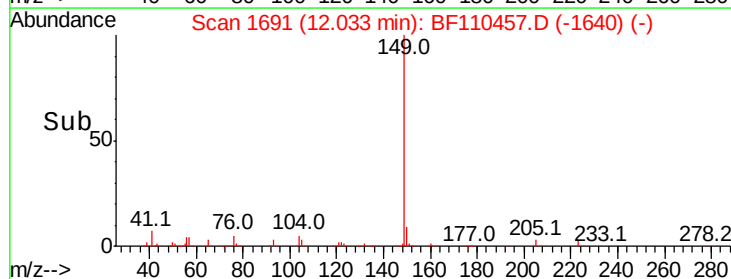
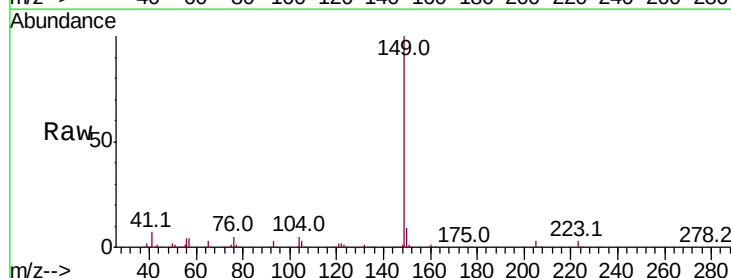
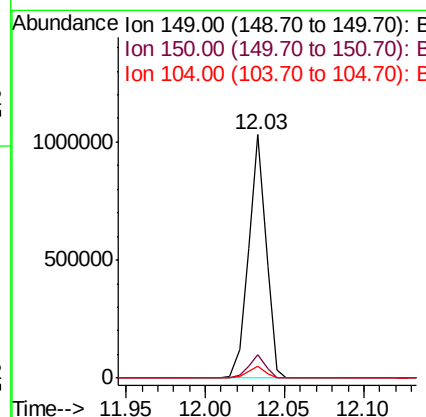
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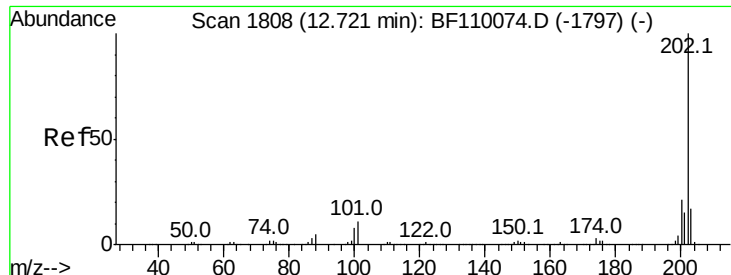
Sohil
 11/6/2018 9:00:52 AM



#74
 Di-n-butylphthalate
 Concen: 44.126 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.9	4.2	6.4





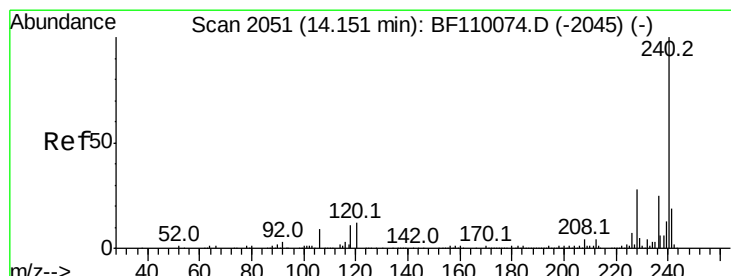
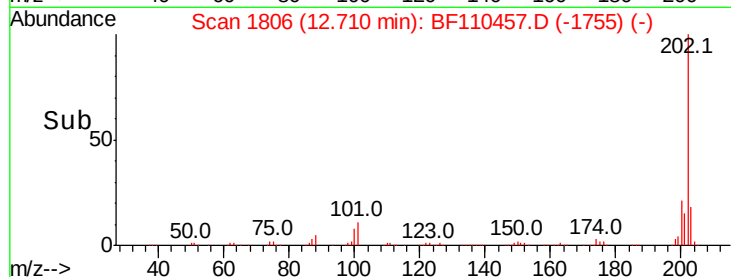
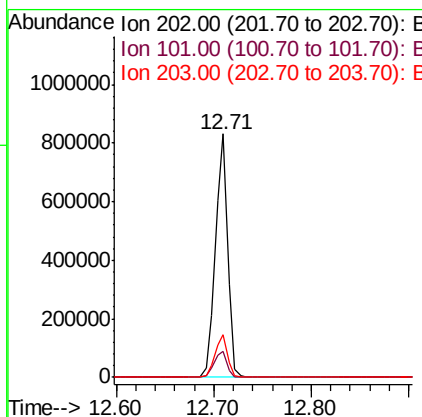
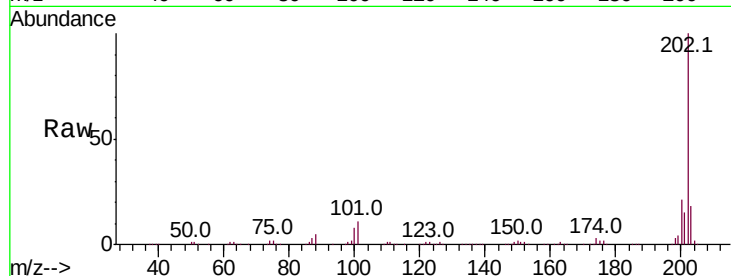
#75
 Fluoranthene
 Concen: 44.141 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

Instrument :
 BNA_F
 ClientSampleId :
 PB114468BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.6	0.0	31.4
203	17.7	0.0	37.7

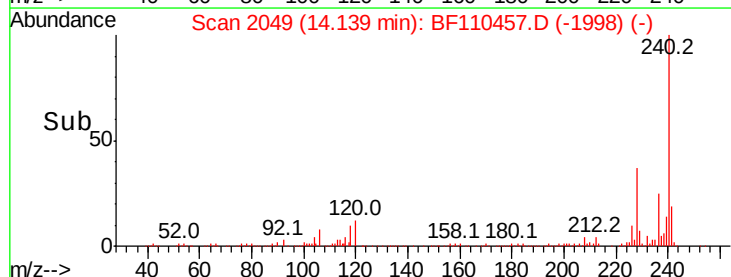
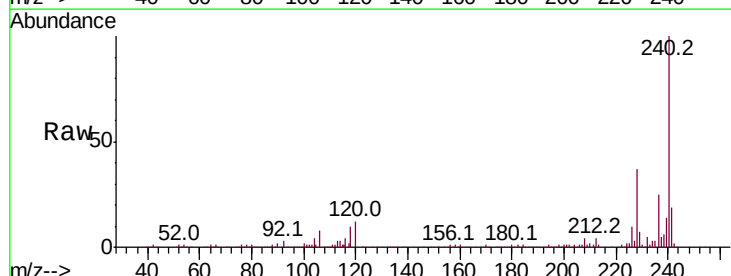
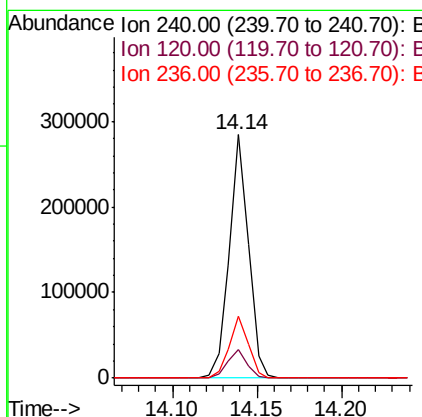
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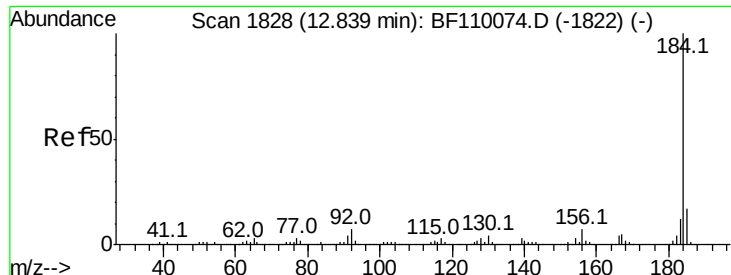
Sohil
 11/6/2018 9:00:52 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.7	8.3	12.5
236	25.3	21.2	31.8





#77

Benzidine

Concen: Below Cal

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

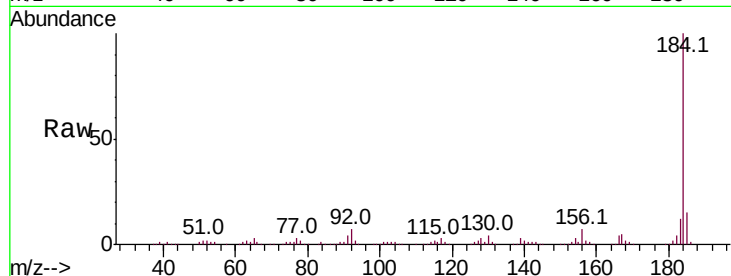
ClientSampleId :

PB114468BS

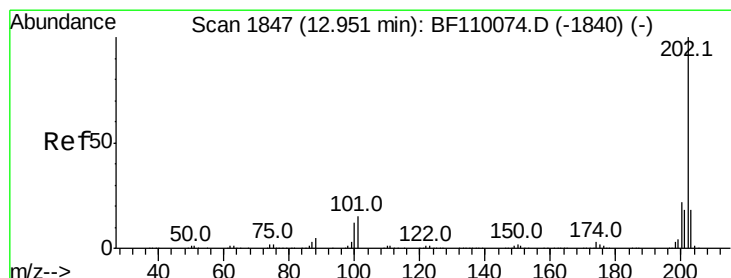
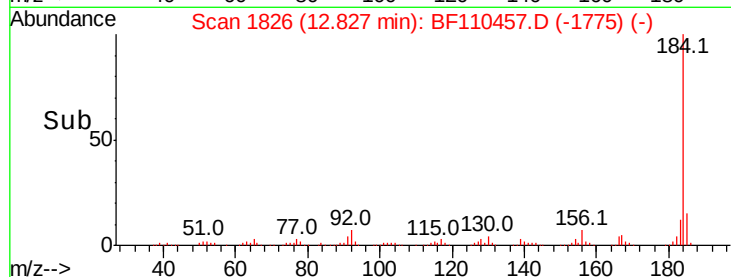
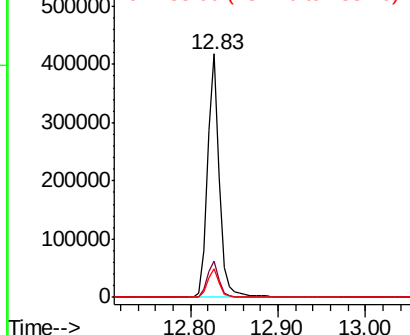
Tot Ion:	184	Resp:	391175
Ion Ratio	Lower	Upper	
184	100		
185	14.8	13.4	20.2
183	11.5	9.4	14.2

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.472 ng

RT: 12.94 min Scan# 1845

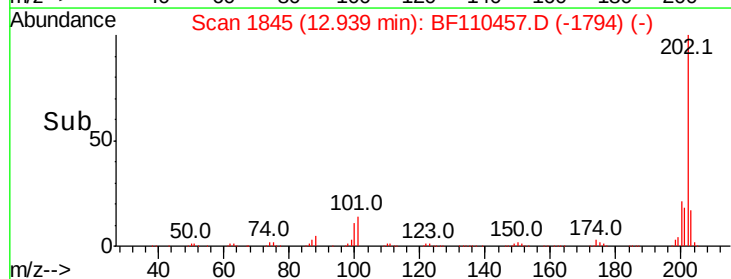
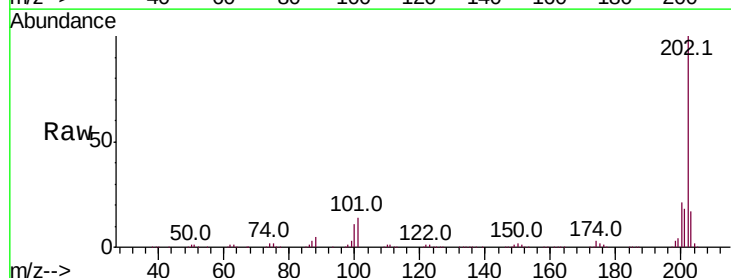
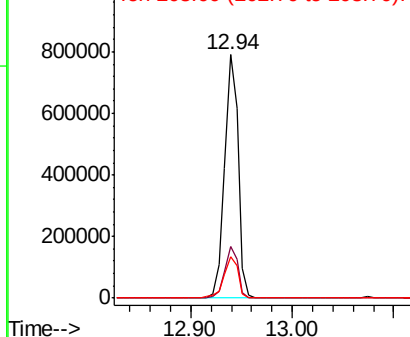
Delta R.T. 0.00 min

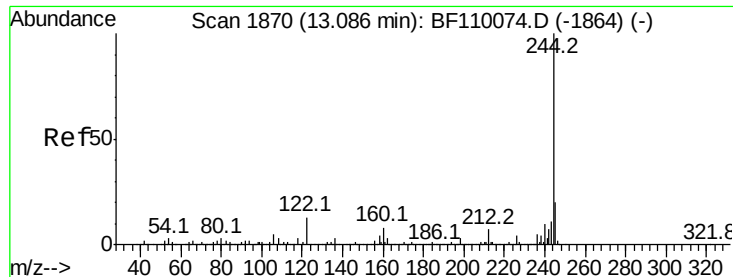
Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Tgt Ion:	202	Resp:	733437
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.8	26.6
203	17.1	14.2	21.4

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





#79

Terphenyl-d14

Concen: 81.664 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

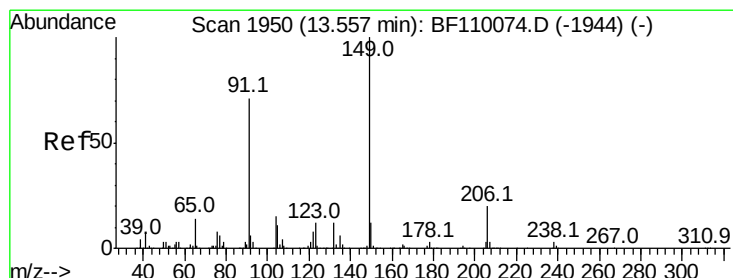
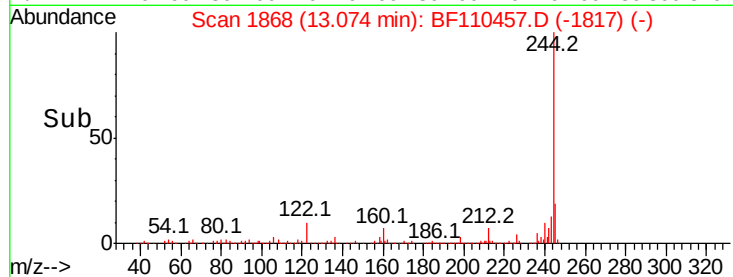
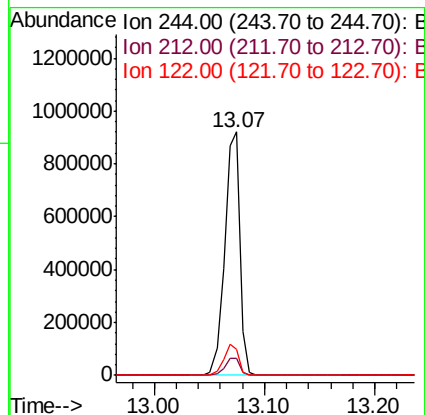
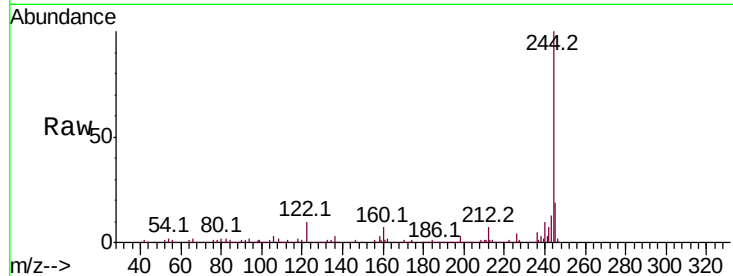
ClientSampleId :

PB114468BS

Tot Ion:	244	Resp:	883439
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.8	8.8
122	10.5	8.7	13.1

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#80

Butylbenzylphthalate

Concen: 45.253 ng

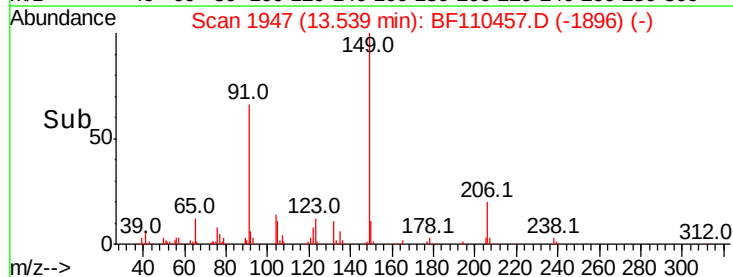
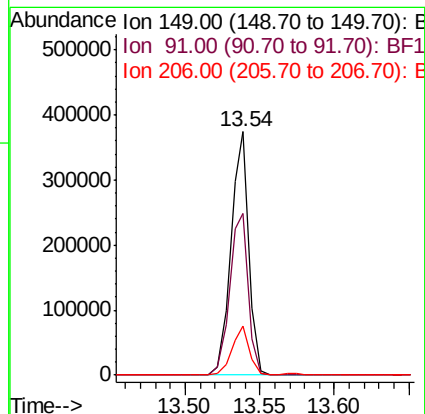
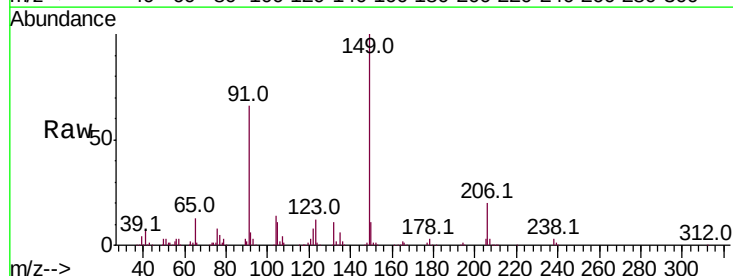
RT: 13.54 min Scan# 1947

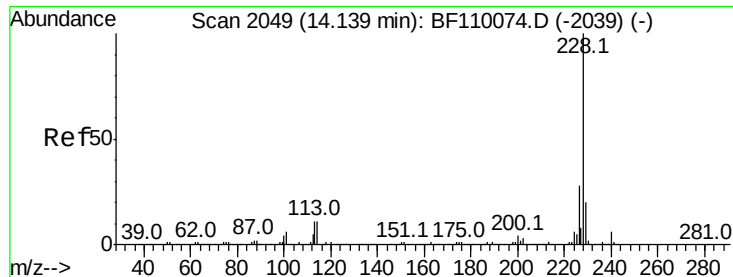
Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Tgt Ion:	149	Resp:	316809
Ion Ratio	Lower	Upper	
149	100		
91	66.5	57.2	85.8
206	20.1	15.7	23.5





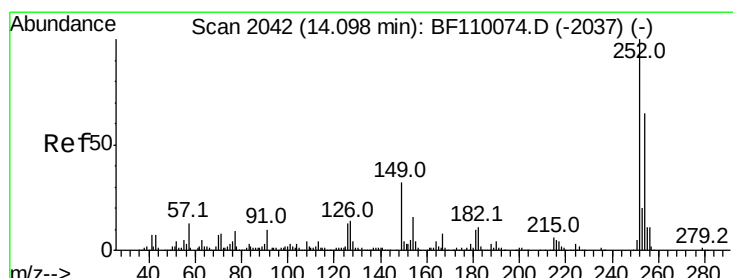
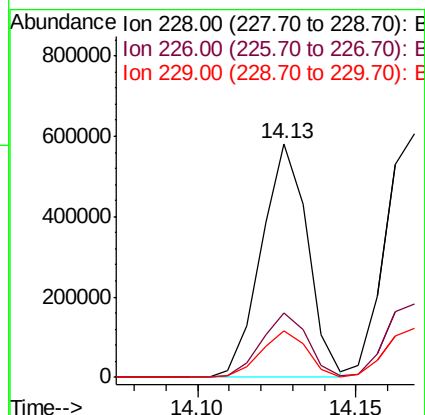
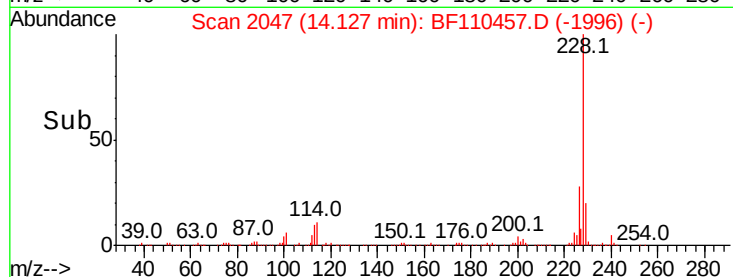
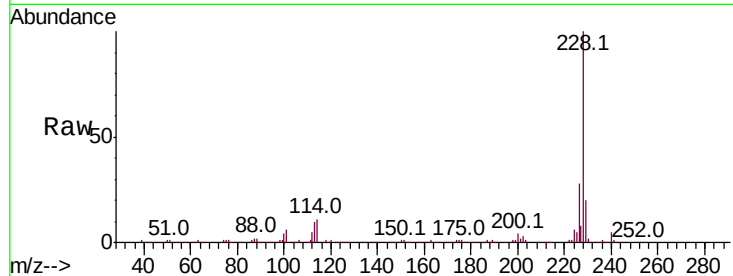
#81
Benzo(a)anthracene
Concen: 43.942 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :
PB114468BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.6	22.1	33.1	
229	19.7	15.6	23.4	

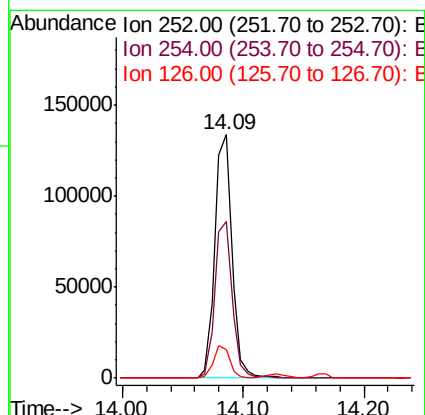
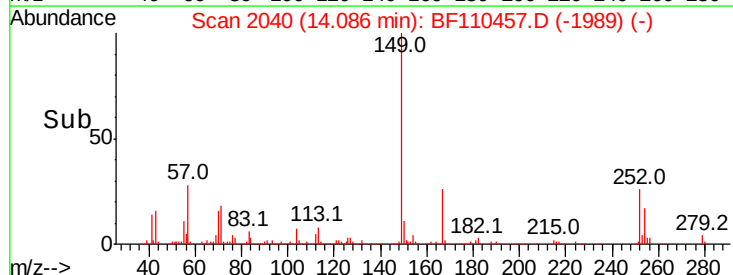
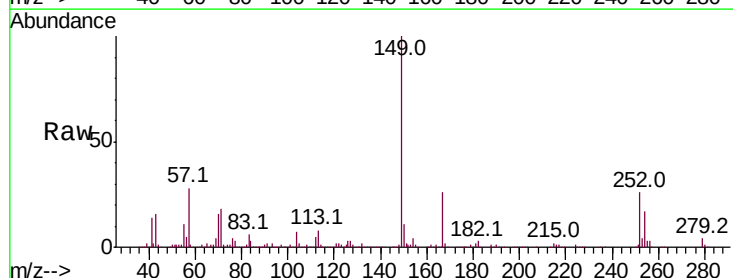
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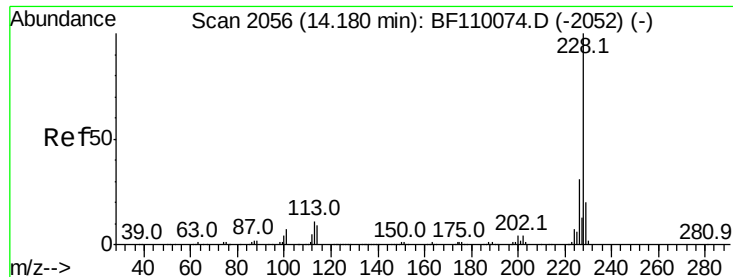
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#82
3,3'-Dichlorobenzidine
Concen: 28.242 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
254	64.3	51.3	76.9	
126	11.6	9.4	14.2	





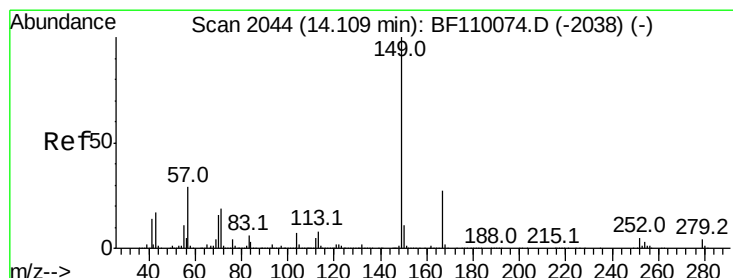
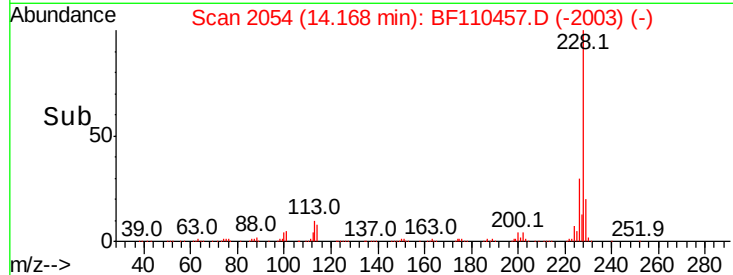
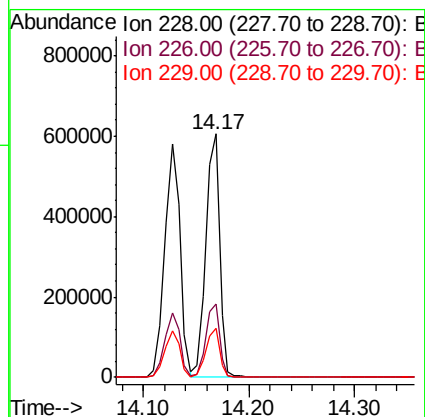
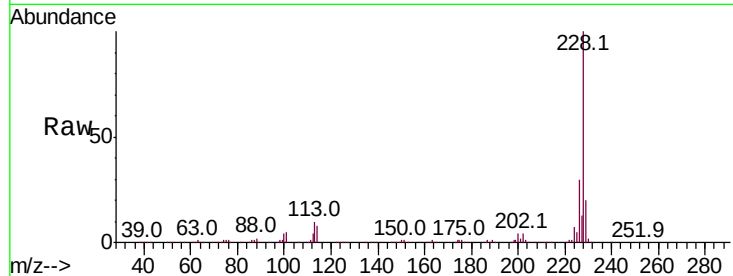
#83
 Chrysene
 Concen: 43.180 ng
 RT: 14.17 min Scan# 2054
 Delta R.T. 0.00 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

Instrument :
 BNA_F
 ClientSampleId :
 PB114468BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.7	37.1
229	20.1	15.9	23.9

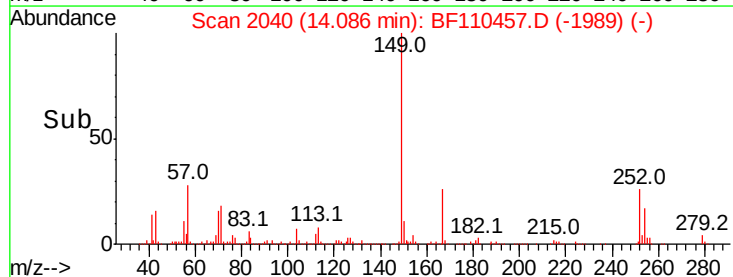
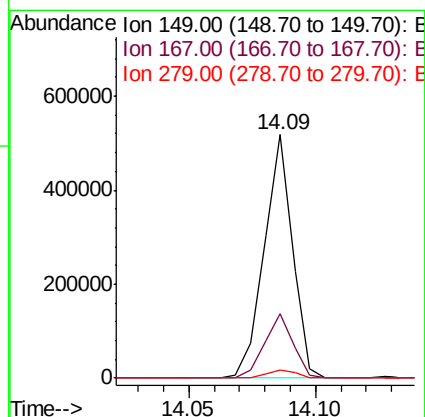
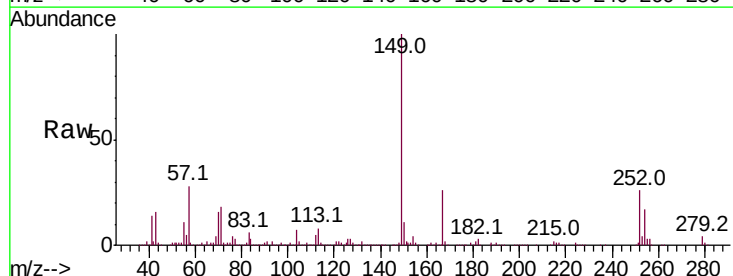
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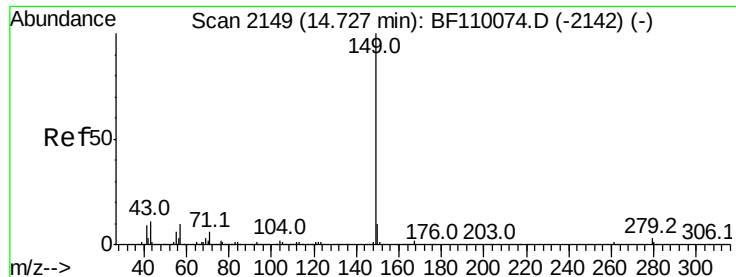
Sohil
 11/6/2018 9:00:52 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.946 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	19.8	29.8
279	3.5	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 43.076 ng

RT: 14.70 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

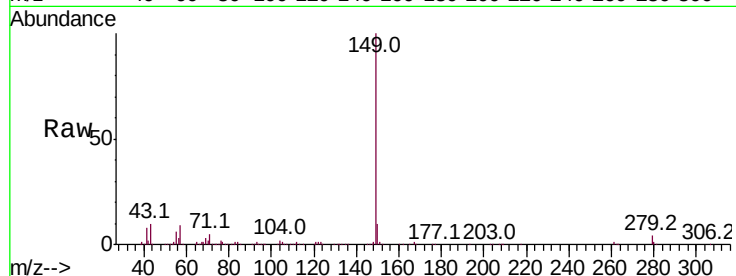
ClientSampleId :

PB114468BS

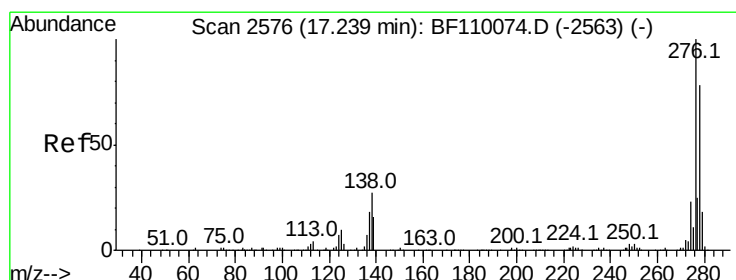
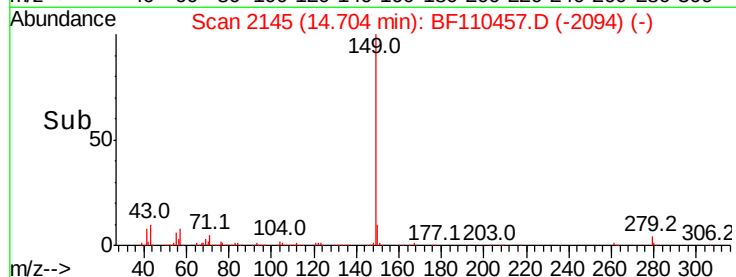
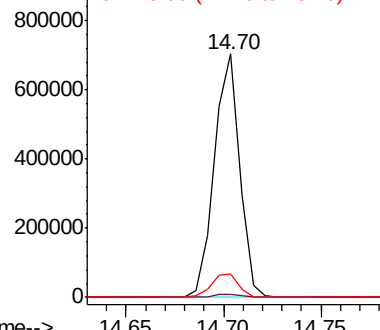
Tot Ion:	149	Resp:	633872
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	10.4	7.8	11.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.789 ng

RT: 17.23 min Scan# 2575

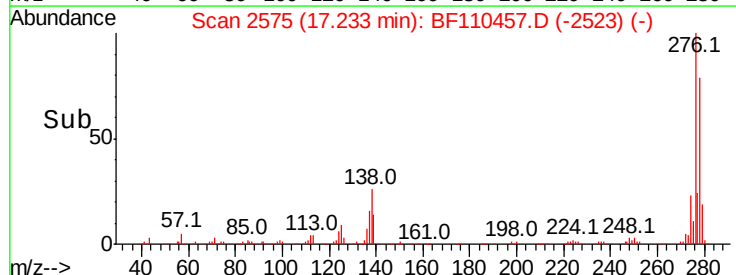
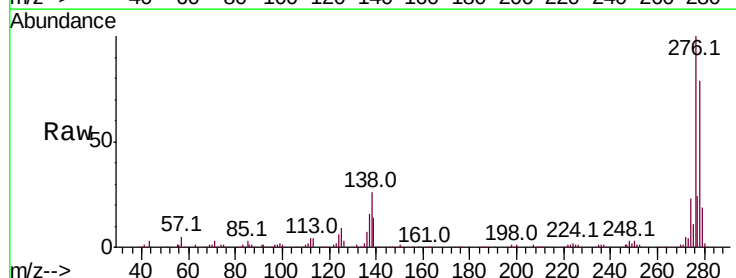
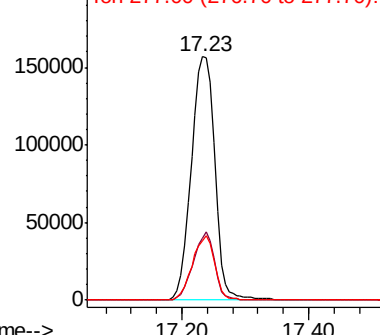
Delta R.T. 0.01 min

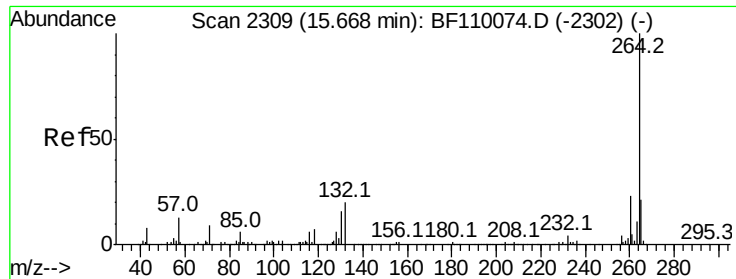
Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Tgt Ion:	276	Resp:	407782
Ion Ratio	Lower	Upper	
276	100		
138	25.5	18.5	27.7
277	24.9	20.0	30.0

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

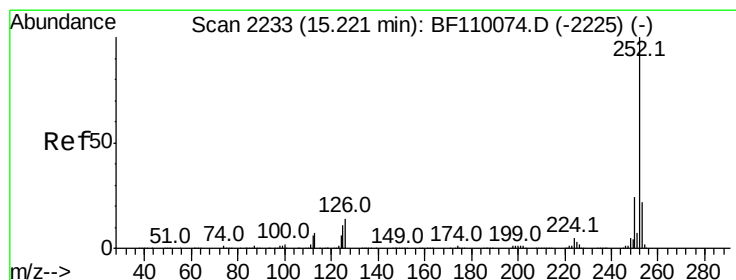
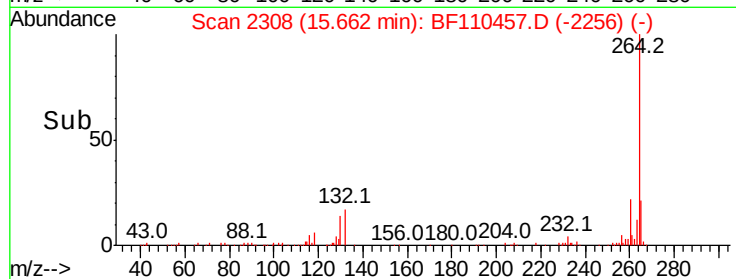
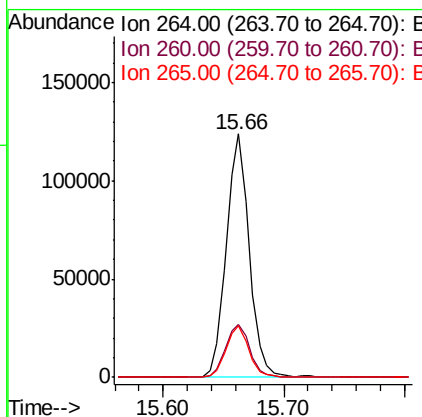
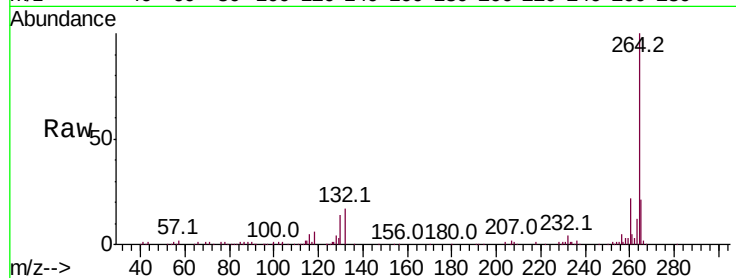
ClientSampleId :

PB114468BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.7	28.1
265	21.1	16.7	25.1

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#88

Benzo(b)fluoranthene

Concen: 47.354 ng

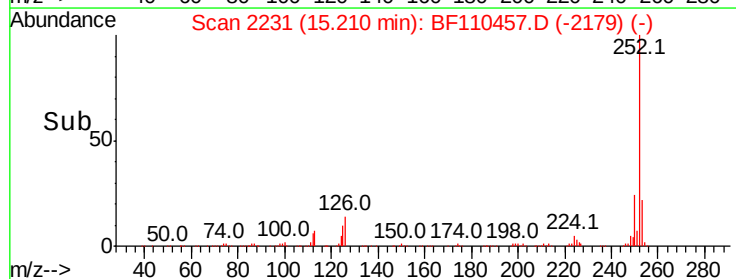
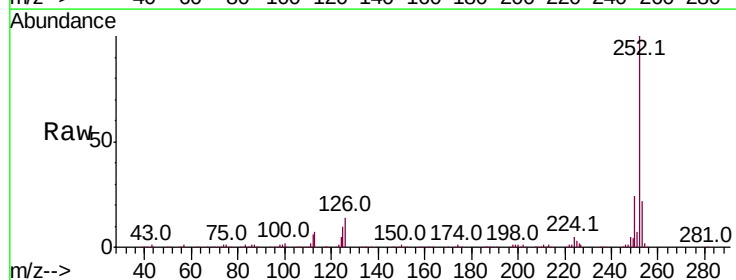
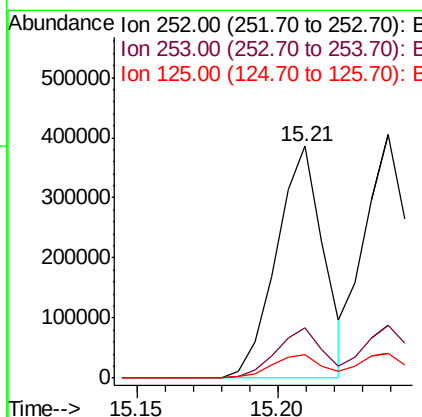
RT: 15.21 min Scan# 2231

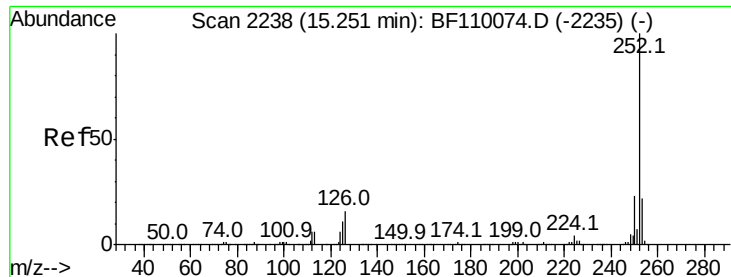
Delta R.T. 0.01 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	10.2	8.2	12.4





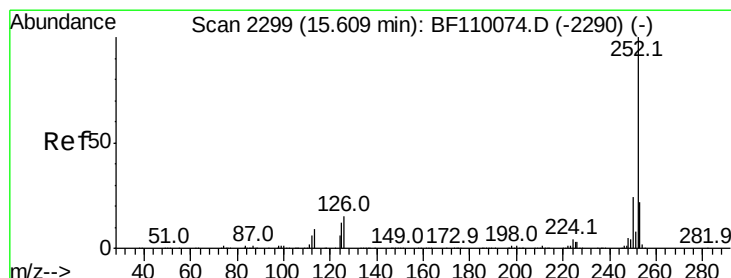
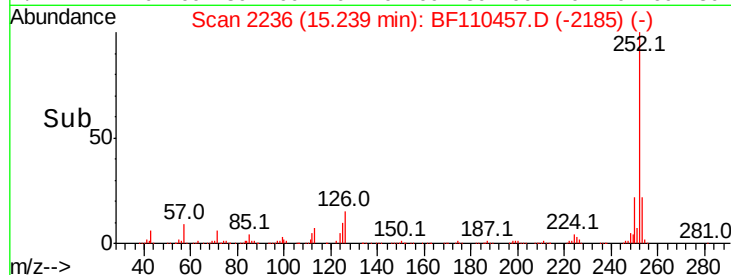
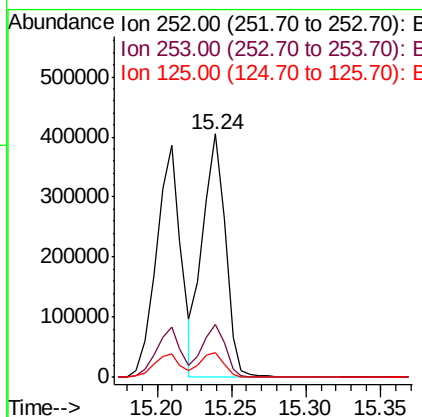
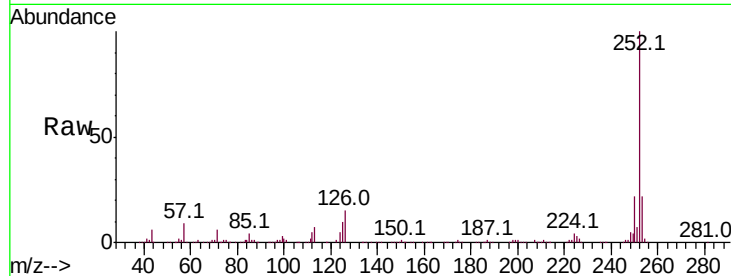
#89
Benzo(k)fluoranthene
Concen: 46.416 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :
PB114468BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	10.2	7.4	11.0

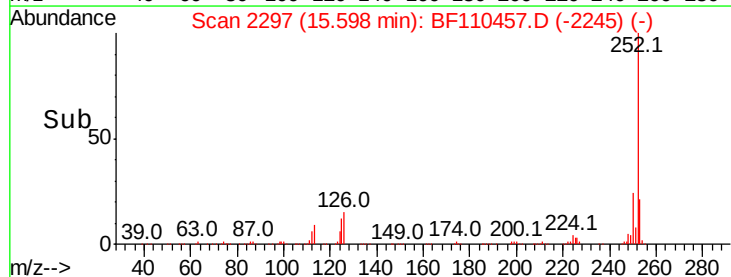
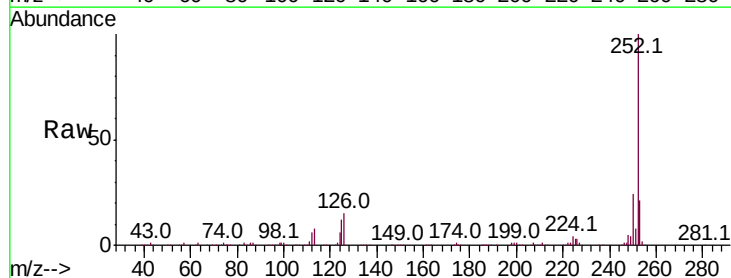
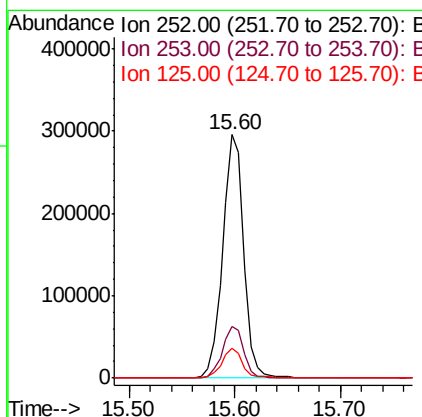
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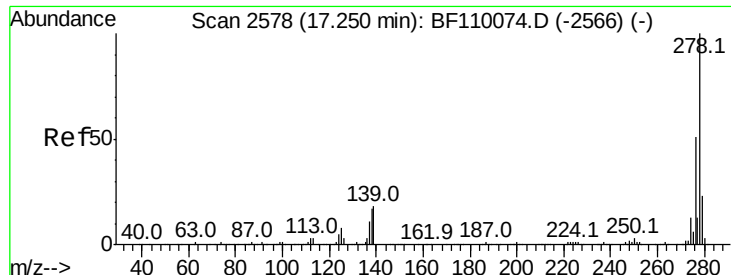
Sohil
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#90
Benzo(a)pyrene
Concen: 47.045 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.2	27.4
125	12.1	9.0	13.6





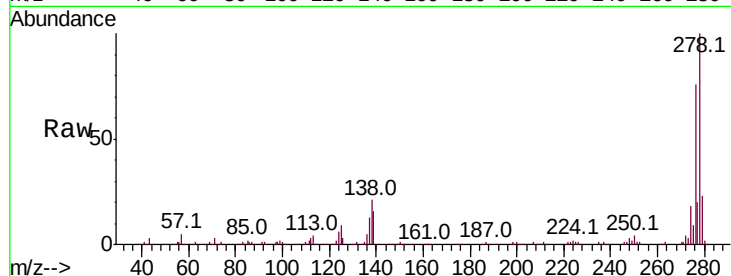
#91
Dibenzo(a,h)anthracene
Concen: 45.658 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.01 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :
PB114468BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.7	19.1
279	22.7	19.0	28.4

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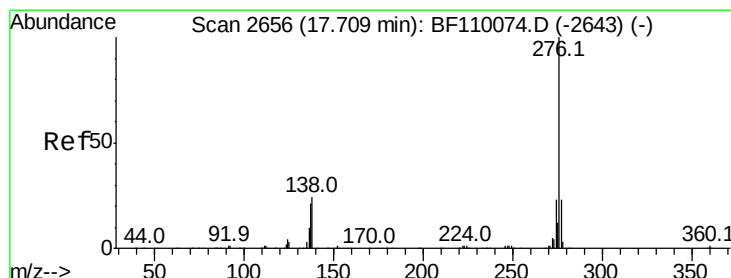
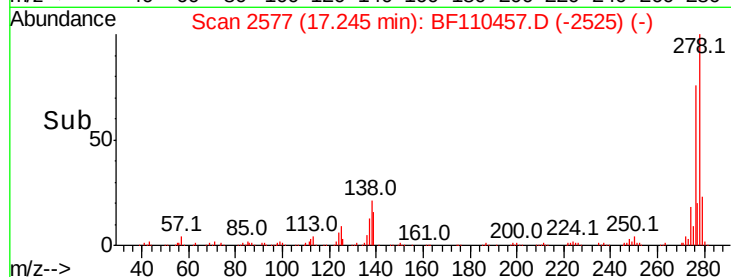
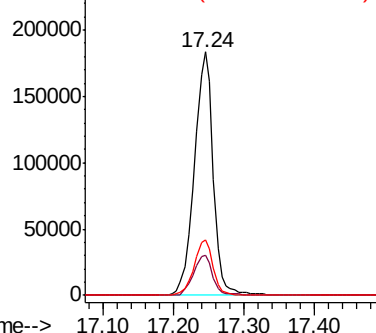


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.372 ng
RT: 17.71 min Scan# 2656
Delta R.T. 0.01 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	23.0	16.0	24.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

