

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110452.D
 Acq On : 3 Nov 2018 10:47
 Operator : JU/SJ
 Sample : PB114423BSD
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114423BSD

Manual Integrations
 APPROVED

Sohil
 11/5/2018 10:32:59 AM

Quant Time: Nov 05 04:10:22 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	88656	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	332499	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	134739	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	218971	20.00	ng	0.00
76) Chrysene-d12	14.13	240	135417	20.00	ng	0.00
87) Perylene-d12	15.66	264	98755	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	496427	91.18	ng	0.01
7) Phenol-d6	6.59	99	621142	89.20	ng	0.00
23) Nitrobenzene-d5	7.52	82	565850	100.94	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	113945	85.37	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	982264	114.47	ng	0.00
79) Terphenyl-d14	13.07	244	769057	118.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	86726	30.405	ng	91
3) Pyridine	3.65	79	242700	38.202	ng	86
4) n-Nitrosodimethylamine	3.62	42	126204	47.415	ng	# 94
6) Aniline	6.62	93	183844	20.267	ng	# 54
8) 2-Chlorophenol	6.75	128	279179	44.479	ng	98
9) Benzaldehyde	6.51	77	180793	47.069	ng	99
10) Phenol	6.60	94	334189	44.897	ng	# 64
11) bis(2-Chloroethyl)ether	6.69	93	252138	41.173	ng	93
12) 1,3-Dichlorobenzene	6.90	146	286734	41.511	ng	97
13) 1,4-Dichlorobenzene	6.97	146	291728	41.759	ng	98
14) 1,2-Dichlorobenzene	7.13	146	271946	41.933	ng	99
15) Benzyl Alcohol	7.10	79	234640	43.811	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.22	45	400992	40.953	ng	71
17) 2-Methylphenol	7.20	107	222269	44.434	ng	# 83
18) Hexachloroethane	7.46	117	90800	35.501	ng	95
19) n-Nitroso-di-n-propylamine	7.36	70	186429	41.731	ng	95
20) 3+4-Methylphenols	7.36	107	279070	43.160	ng	# 85
22) Acetophenone	7.36	105	376819	49.183	ng	# 93
24) Nitrobenzene	7.54	77	273333	47.227	ng	96
25) Isophorone	7.77	82	505617	52.912	ng	97
26) 2-Nitrophenol	7.86	139	116636	42.350	ng	91
27) 2,4-Dimethylphenol	7.89	122	246011	53.877	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	319310	49.189	ng	98
29) 2,4-Dichlorophenol	8.10	162	215211	46.651	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	234491	45.380	ng	97
31) Naphthalene	8.26	128	756655	49.376	ng	99
32) Benzoic acid	8.00	122	85323	24.177	ng	93
33) 4-Chloroaniline	8.31	127	80444	11.664	ng	97
34) Hexachlorobutadiene	8.37	225	131631	45.879	ng	98
35) Caprolactam	8.69	113	66238m	41.196	ng	
36) 4-Chloro-3-methylphenol	8.79	107	224902	45.084	ng	98
37) 2-Methylnaphthalene	8.95	142	507395	50.043	ng	99
38) 1-Methylnaphthalene	9.05	142	468735m	47.839	ng	
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	212424	50.599	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	39326	18.319	nq	96
43) 2,4,6-Trichlorophenol	9.23	196	130218	48.090	nq	94
44) 2,4,5-Trichlorophenol	9.27	196	138442	48.369	nq	96
46) 1,1'-Biphenyl	9.42	154	600091	49.251	nq	99
47) 2-Chloronaphthalene	9.45	162	438412	49.052	nq	99
48) 2-Nitroaniline	9.55	65	144195	53.240	nq	90
49) Acenaphthylene	9.86	152	650738	50.409	nq	98
50) Dimethylphthalate	9.71	163	530182	53.305	nq	99
51) 2,6-Dinitrotoluene	9.78	165	101434	47.345	nq	95
52) Acenaphthene	10.03	154	393441	46.071	nq	97
53) 3-Nitroaniline	9.95	138	94843	37.226	nq	97
54) 2,4-Dinitrophenol	10.07	184	8491	14.515	nq	87
55) Dibenzofuran	10.20	168	562263	47.025	nq	98
56) 4-Nitrophenol	10.12	139	194581	103.191	nq	95
57) 2,4-Dinitrotoluene	10.19	165	119726	43.996	nq	# 84
58) Fluorene	10.55	166	436738	49.079	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	102878	44.098	nq	# 95
60) Diethylphthalate	10.41	149	496435	51.131	nq	100
61) 4-Chlorophenyl-phenylether	10.53	204	216220	46.060	nq	98
62) 4-Nitroaniline	10.57	138	107373	42.373	nq	96
63) Azobenzene	10.70	77	447022	46.385	nq	95
65) 4,6-Dinitro-2-methylphenol	10.60	198	8745	8.741	nq	83
66) n-Nitrosodiphenylamine	10.66	169	389123	54.178	nq	98
67) 4-Bromophenyl-phenylether	11.03	248	119914	50.486	nq	96
68) Hexachlorobenzene	11.10	284	123338	48.941	nq	97
69) Atrazine	11.18	200	124239	54.737	nq	99
70) Pentachlorophenol	11.29	266	95433	64.941	nq	97
71) Phenanthrene	11.52	178	585328	51.086	nq	99
72) Anthracene	11.57	178	616404	53.673	nq	99
73) Carbazole	11.72	167	533169	47.548	nq	99
74) Di-n-butylphthalate	12.03	149	699457	55.231	nq	99
75) Fluoranthene	12.70	202	574391	49.397	nq	99
77) Benzidine	12.83	184	355588	Below	Cal	97
78) Pyrene	12.94	202	558022	57.479	nq	98
80) Butylbenzylphthalate	13.54	149	261179	61.982	nq	93
81) Benzo(a)anthracene	14.12	228	422209	52.576	nq	98
82) 3,3'-Dichlorobenzidine	14.08	252	128304	45.882	nq	98
83) Chrysene	14.16	228	386123	50.623	nq	98
84) Bis(2-ethylhexyl)phthalate	14.09	149	352842	61.944	nq	97
85) Di-n-octyl phthalate	14.70	149	538300	60.776	nq	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	295608	46.717	nq	97
88) Benzo(b)fluoranthene	15.20	252	306298	53.711	nq	100
89) Benzo(k)fluoranthene	15.23	252	316495	56.453	nq	98
90) Benzo(a)pyrene	15.59	252	288512	54.981	nq	96
91) Dibenzo(a,h)anthracene	17.23	278	249174	55.032	nq	99
92) Benzo(g,h,i)perylene	17.70	276	232215	52.046	nq	98

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

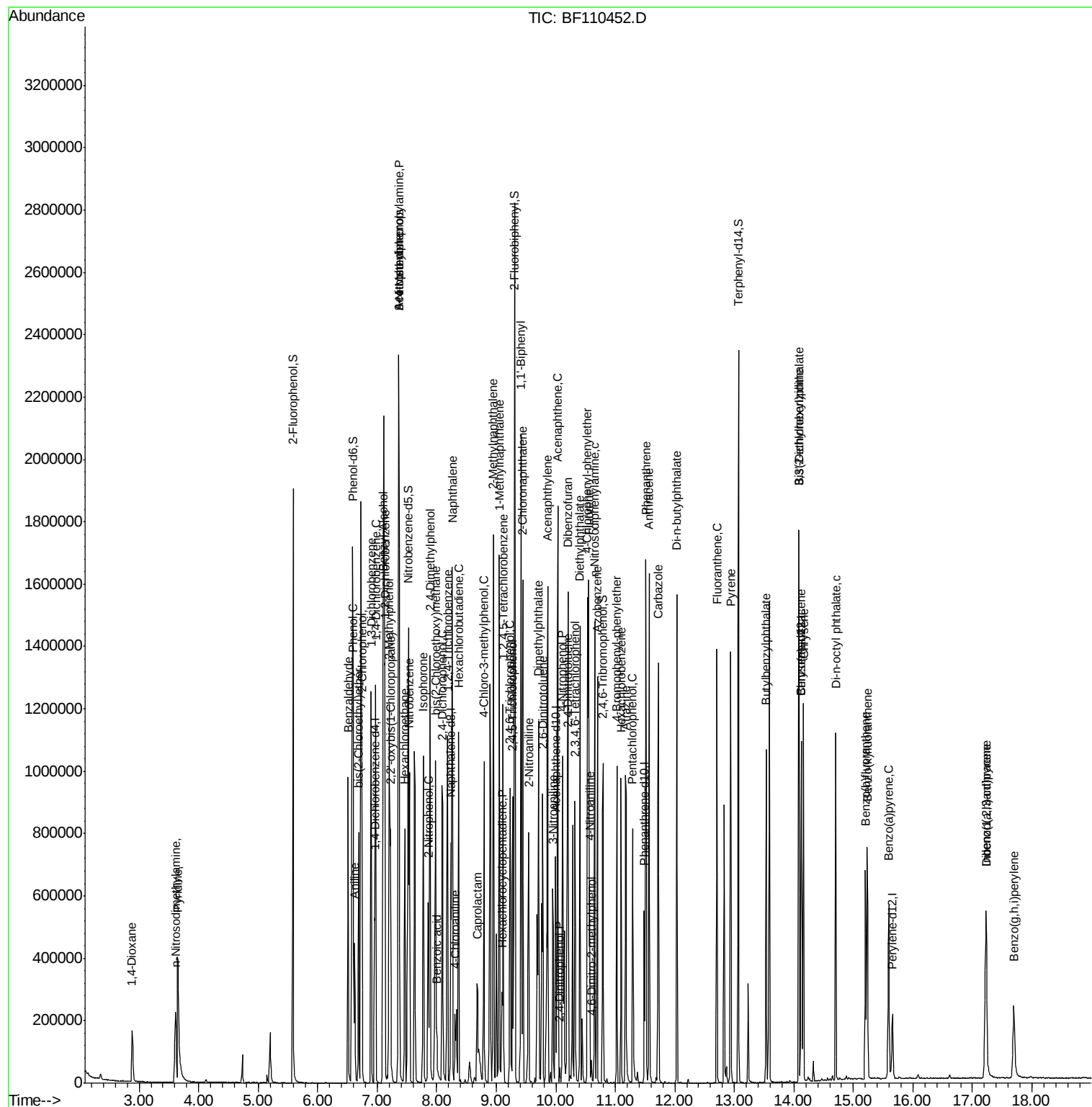
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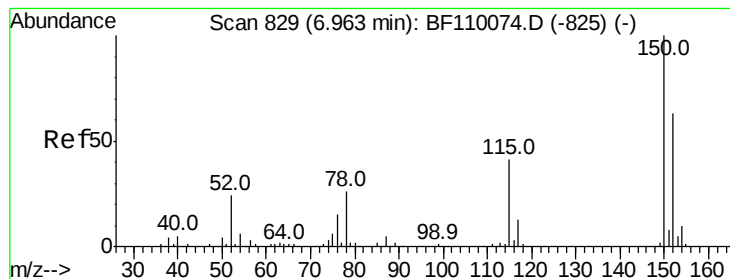
Instrument :
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#1

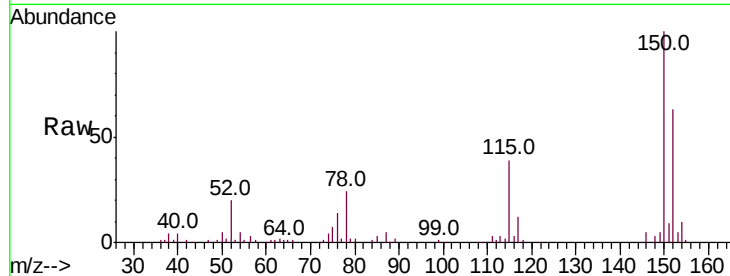
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB114423BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	122.7	184.1
115	61.2	49.1	73.7

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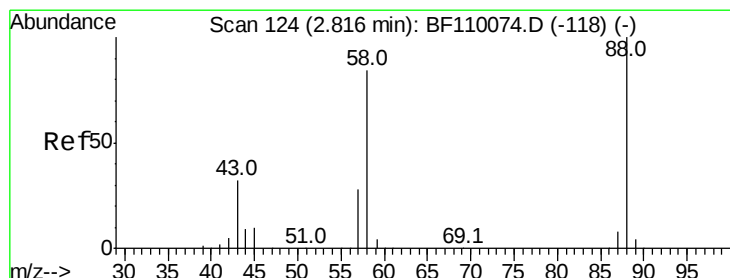
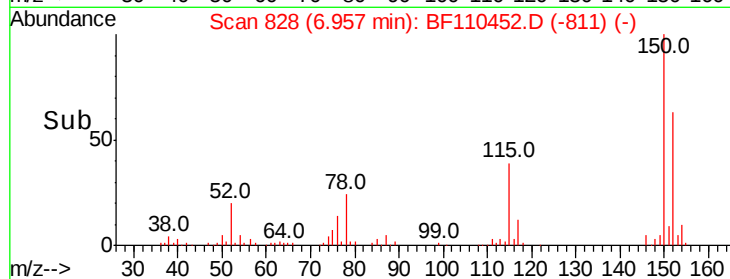
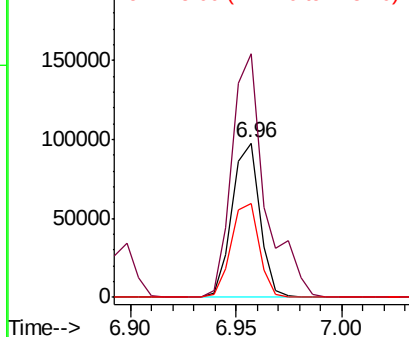


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

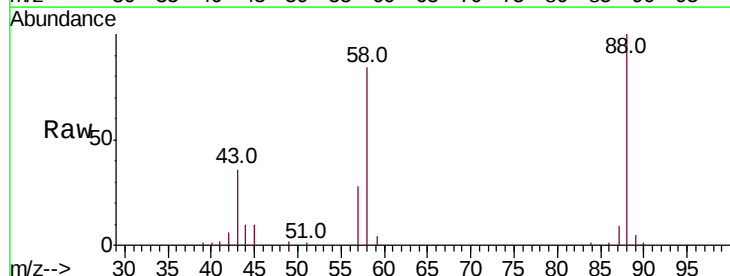
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.405 ng
RT: 2.88 min Scan# 135
Delta R.T. 0.08 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.2	57.1	85.7
43	32.2	24.1	36.1

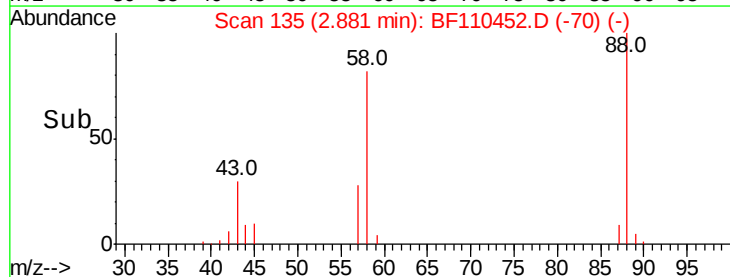
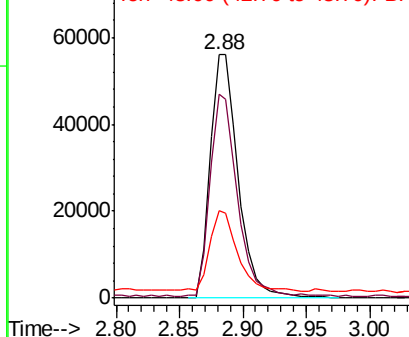


Abundance

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: 38.202 ng

RT: 3.65 min Scan# 266

Delta R.T. 0.07 min

Lab File: BF110452.D

Acq: 3 Nov 2018 10:47

Instrument :

BNA_F

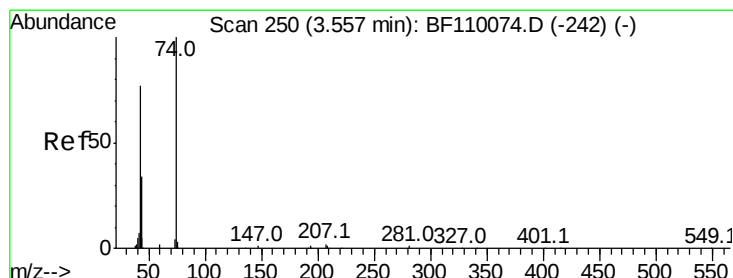
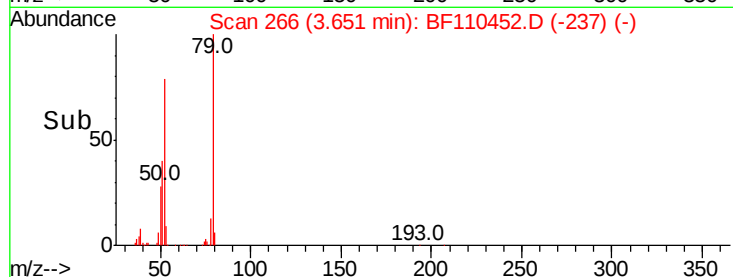
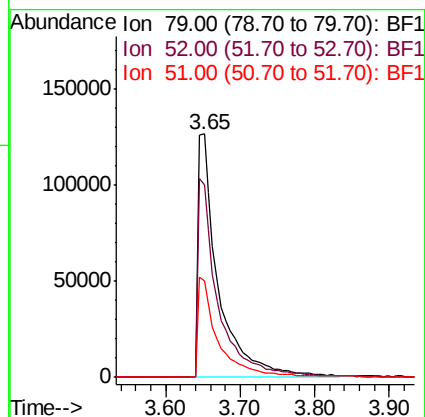
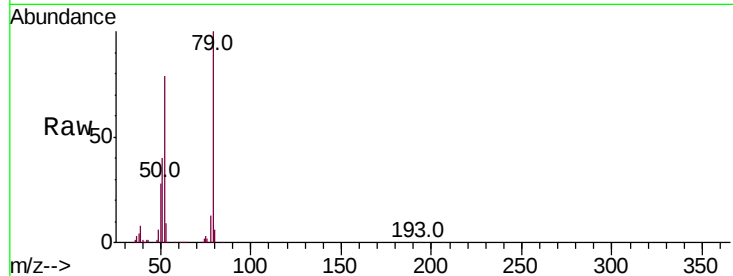
ClientSampleId :

PB114423BSD

Tot Ion:	79	Resp:	242700
Ion Ratio	Lower	Upper	
79	100		
52	79.3	53.1	79.7
51	39.8	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 47.415 ng

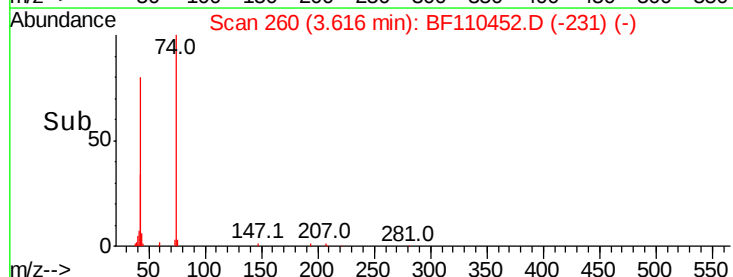
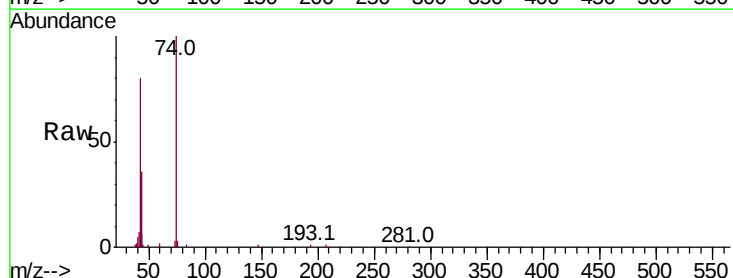
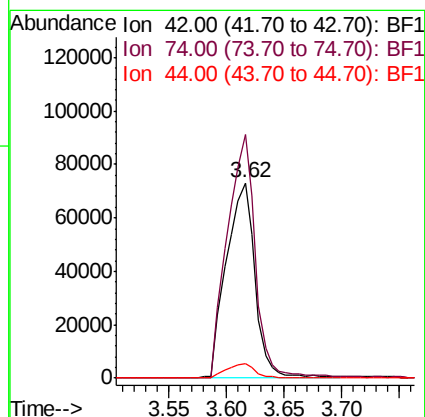
RT: 3.62 min Scan# 260

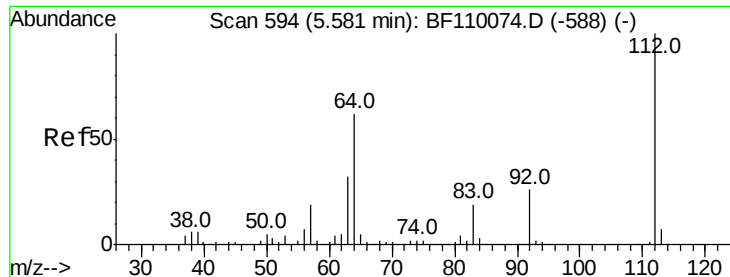
Delta R.T. 0.07 min

Lab File: BF110452.D

Acq: 3 Nov 2018 10:47

Tgt Ion:	42	Resp:	126204
Ion Ratio	Lower	Upper	
42	100		
74	124.6	105.5	158.3
44	7.5	4.9	7.3#





#5

2-Fluorophenol

Concen: 91.185 ng

RT: 5.59 min Scan# 595

Delta R.T. 0.01 min

Lab File: BF110452.D

Acq: 3 Nov 2018 10:47

Instrument :

BNA_F

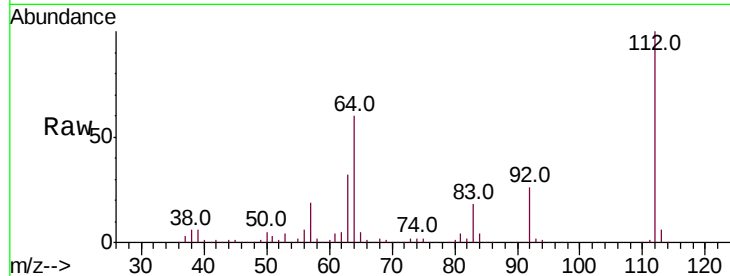
ClientSampleId :

PB114423BSD

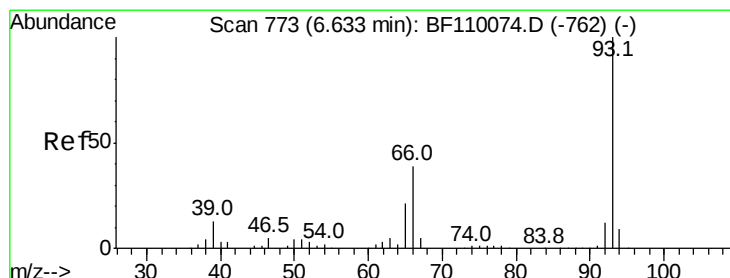
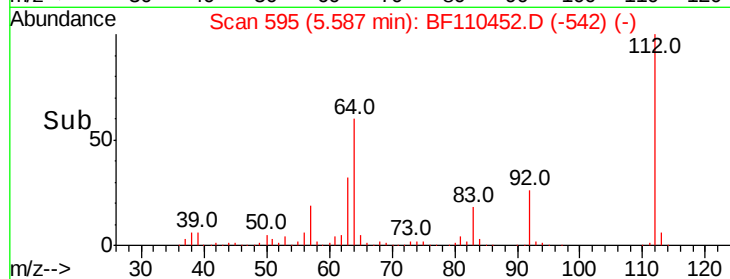
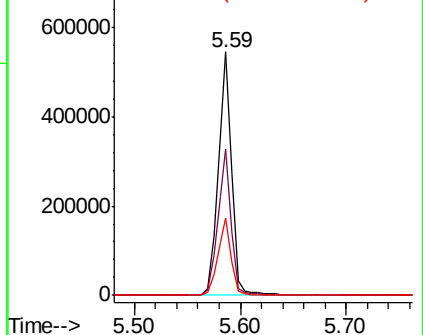
Tot Ion:	112	Resp:	496427
Ion Ratio	Lower	Upper	
112	100		
64	60.0	44.1	66.1
63	31.6	23.7	35.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.267 ng

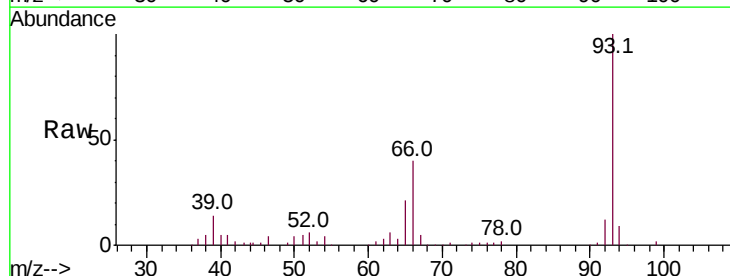
RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

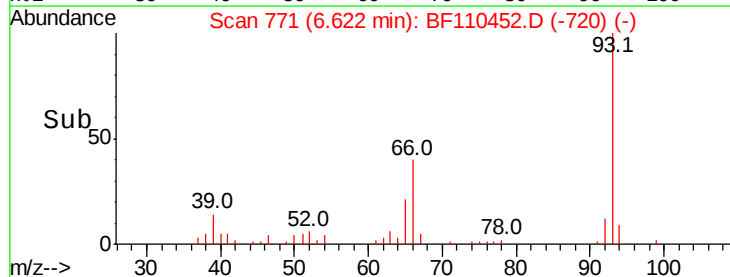
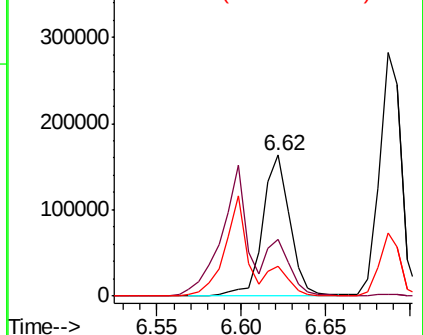
Lab File: BF110452.D

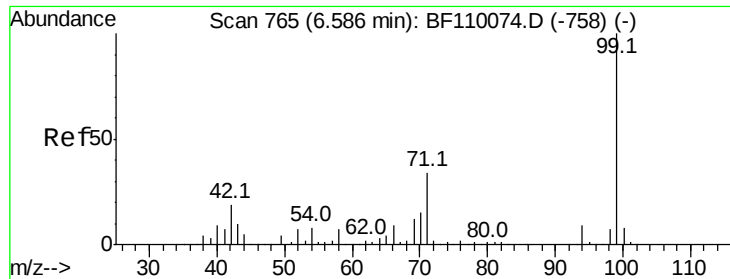
Acq: 3 Nov 2018 10:47

Tgt Ion:	93	Resp:	183844
Ion Ratio	Lower	Upper	
93	100		
66	40.4	67.4	101.0#
65	20.8	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 89.199 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110452.D

Acq: 3 Nov 2018 10:47

Instrument :

BNA_F

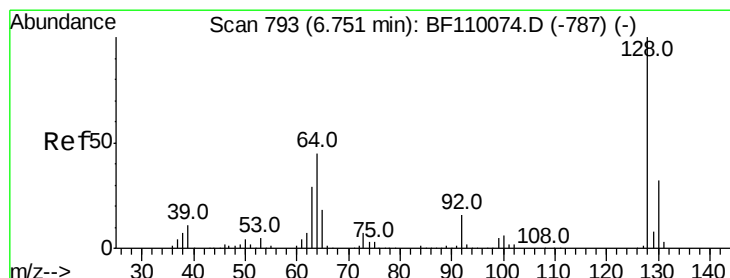
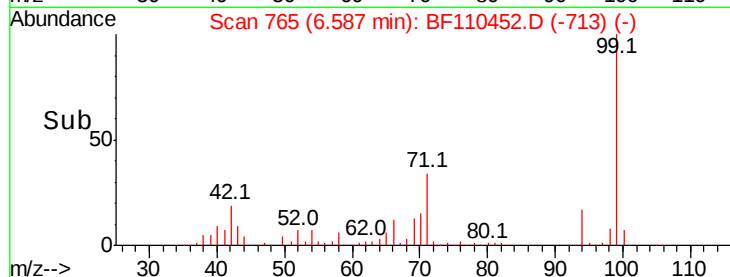
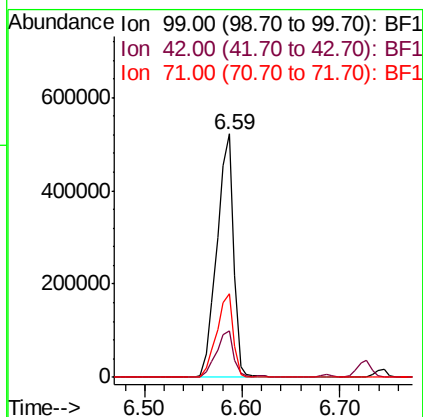
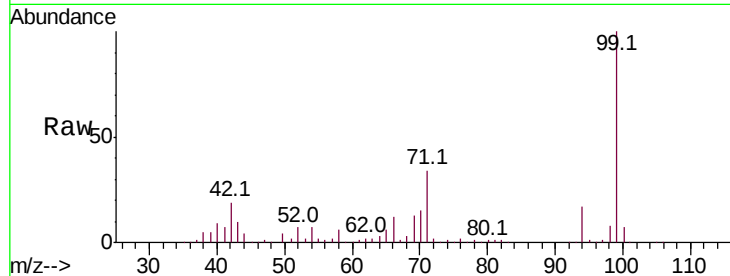
ClientSampleId :

PB114423BSD

Tot Ion:	99	Resp:	621142
Ion Ratio	Lower	Upper	
99	100		
42	18.8	15.8	23.6
71	34.2	28.0	42.0

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11/5/2018 10:32:59 AM



#8

2-Chlorophenol

Concen: 44.479 ng

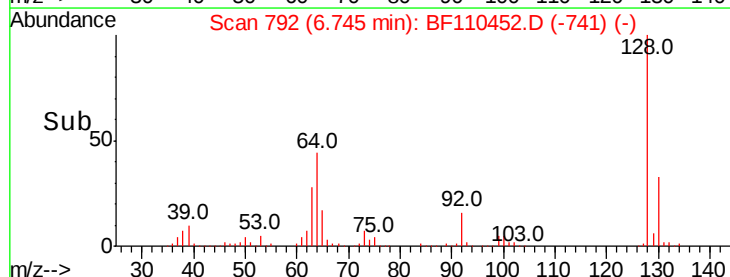
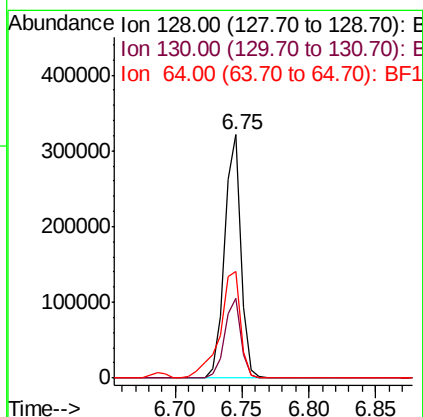
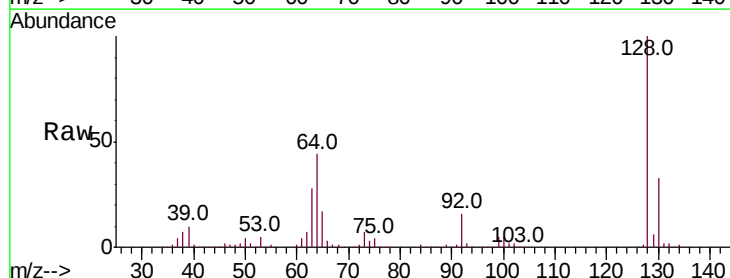
RT: 6.75 min Scan# 792

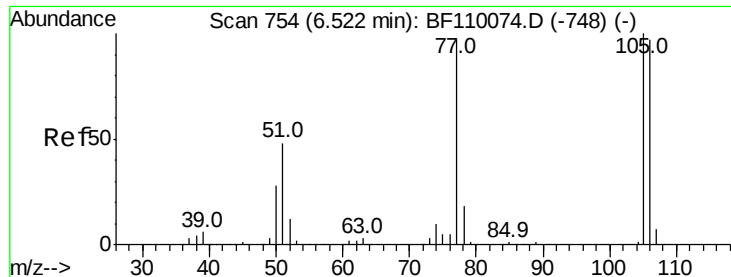
Delta R.T. 0.00 min

Lab File: BF110452.D

Acq: 3 Nov 2018 10:47

Tgt Ion:	128	Resp:	279179
Ion Ratio	Lower	Upper	
128	100		
130	32.7	13.1	53.1
64	43.7	26.0	66.0





#9

Benzaldehyde

Concen: 47.069 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110452.D

Acq: 3 Nov 2018 10:47

Instrument :

BNA_F

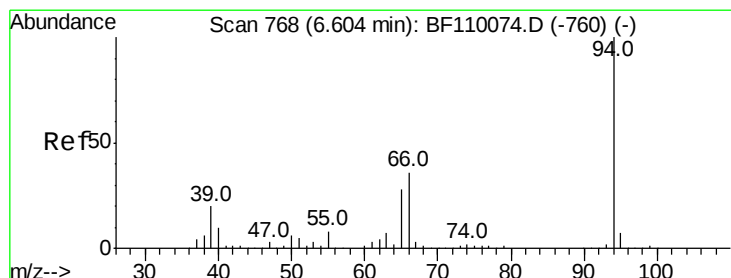
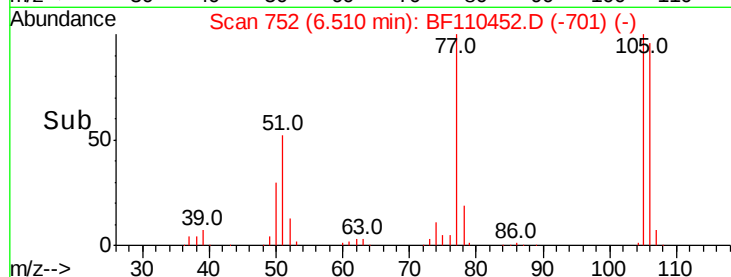
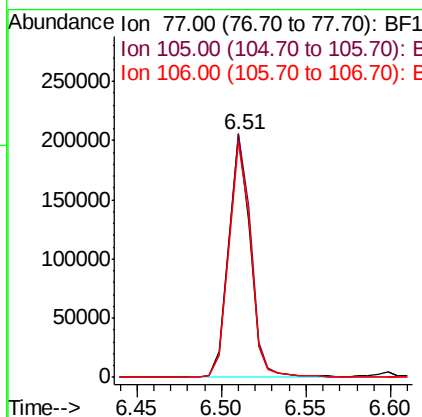
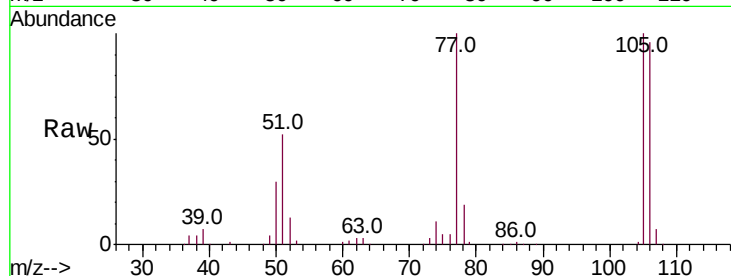
ClientSampleID :

PB114423BSD

Tot Ion:	77	Resp:	180793
Ion Ratio	Lower	Upper	
77	100		
105	100.0	78.6	118.6
106	96.2	74.8	114.8

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#10

Phenol

Concen: 44.897 ng

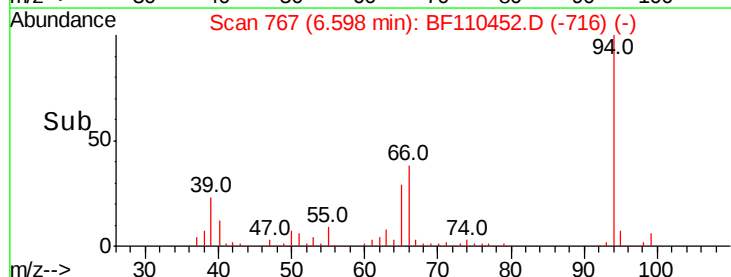
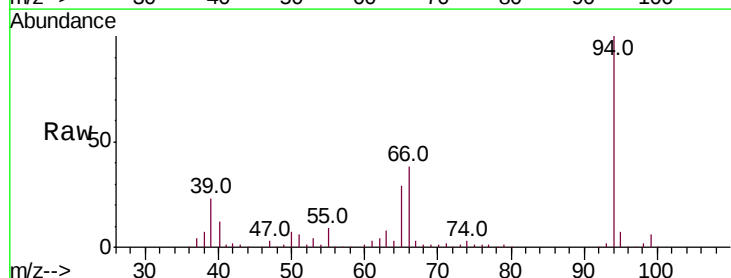
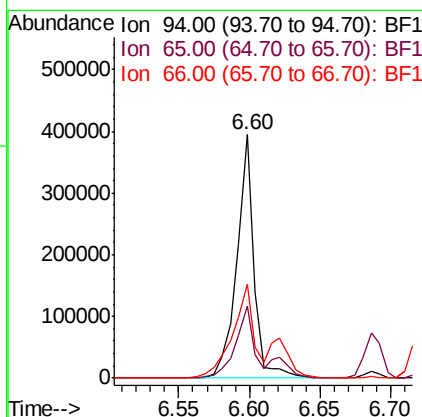
RT: 6.60 min Scan# 767

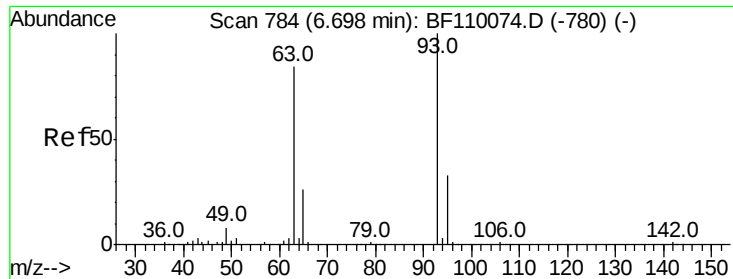
Delta R.T. 0.00 min

Lab File: BF110452.D

Acq: 3 Nov 2018 10:47

Tgt Ion:	94	Resp:	334189
Ion Ratio	Lower	Upper	
94	100		
65	29.5	25.3	65.3
66	38.3	54.5	94.5#





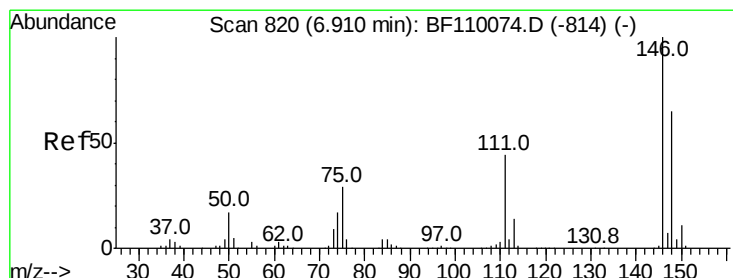
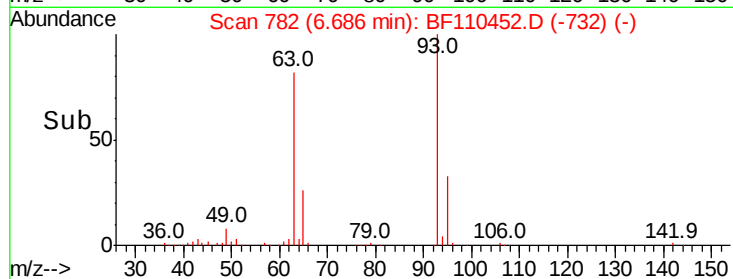
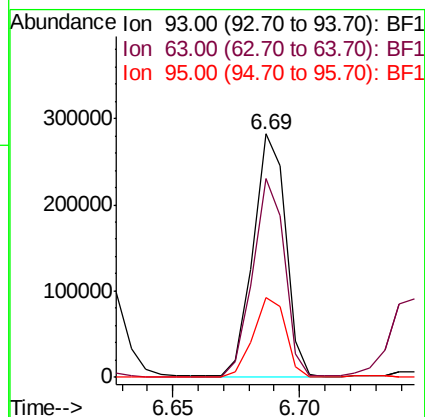
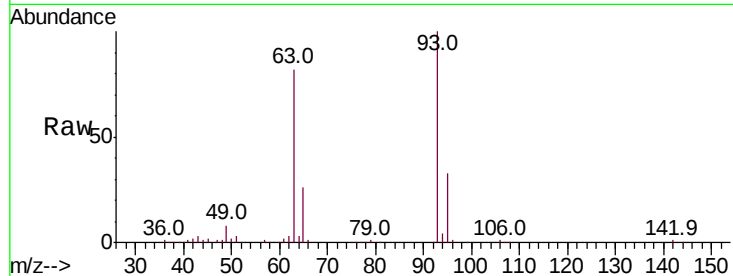
#11
bis(2-Chloroethyl)ether
Concen: 41.173 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB114423BSD

Tot Ion	93	Resp	252138
Ion Ratio	100	Lower	Upper
93	100		
63	81.6	53.4	93.4
95	33.0	12.1	52.1

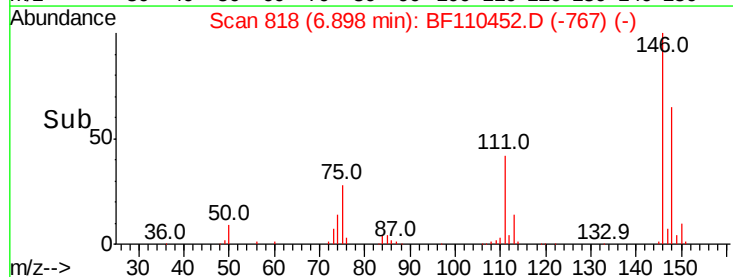
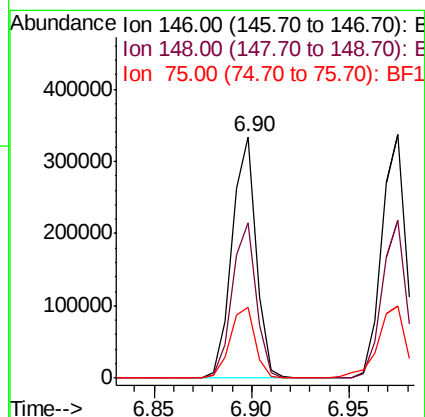
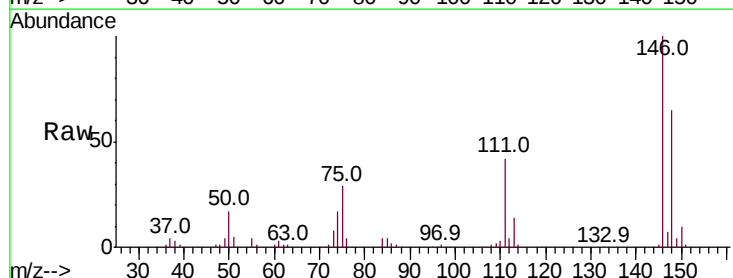
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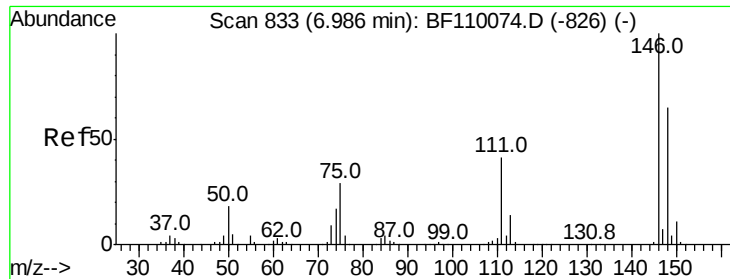
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#12
1,3-Dichlorobenzene
Concen: 41.511 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Tgt Ion	146	Resp	286734
Ion Ratio	100	Lower	Upper
146	100		
148	64.5	50.4	75.6
75	29.3	25.8	38.6





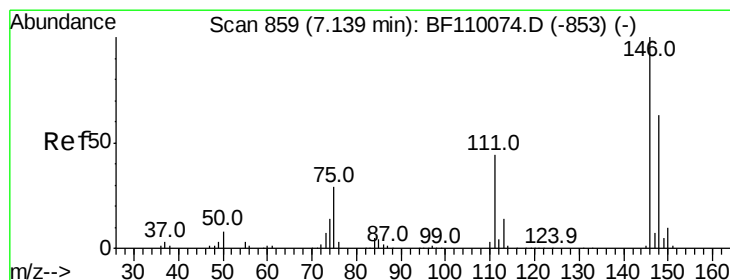
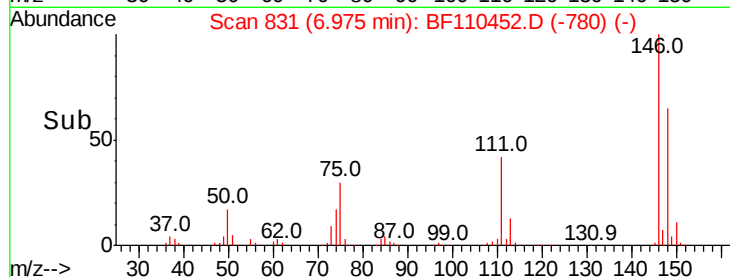
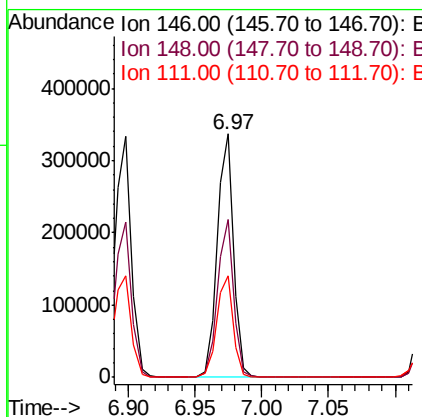
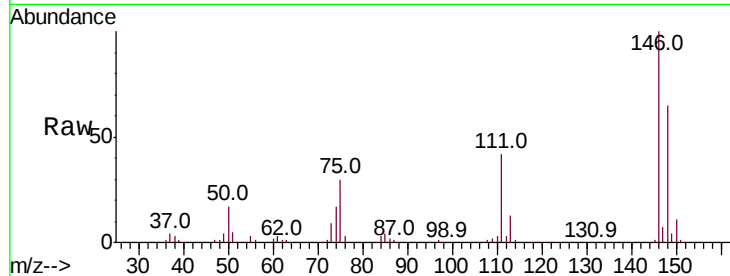
#13
 1,4-Dichlorobenzene
 Concen: 41.759 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF110452.D
 Acq: 3 Nov 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 PB114423BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.3	75.5
111	41.6	32.7	49.1

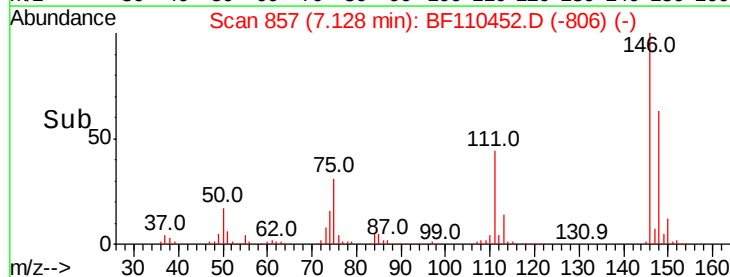
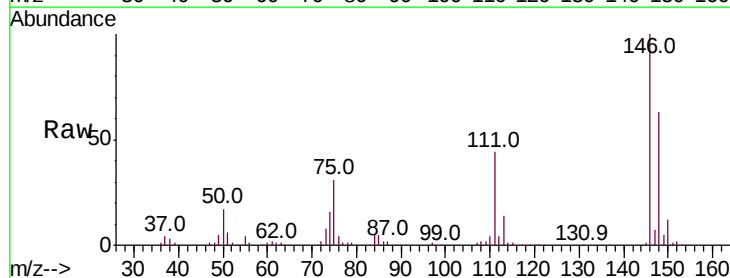
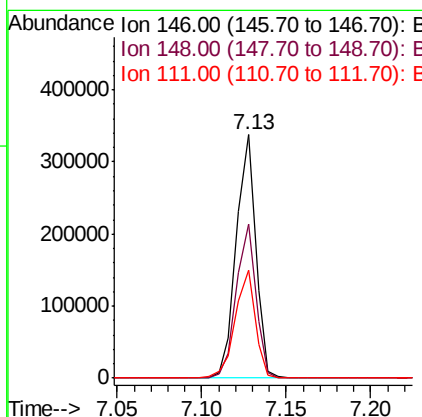
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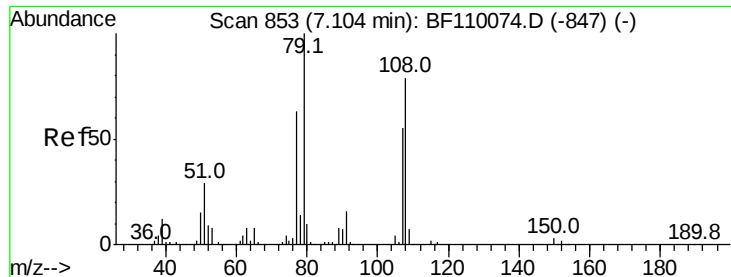
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#14
 1,2-Dichlorobenzene
 Concen: 41.933 ng
 RT: 7.13 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF110452.D
 Acq: 3 Nov 2018 10:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
111	44.1	35.8	53.6





#15

Benzyl Alcohol

Concen: 43.811 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF110452.D

Acq: 3 Nov 2018 10:47

Instrument :

BNA_F

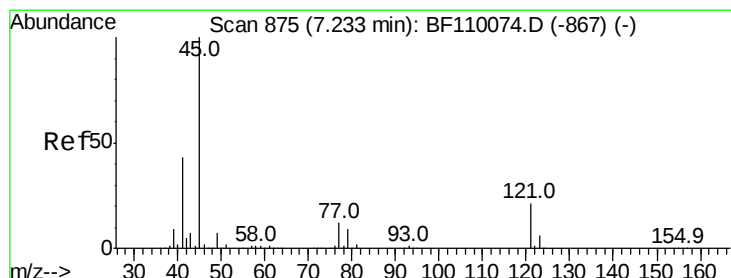
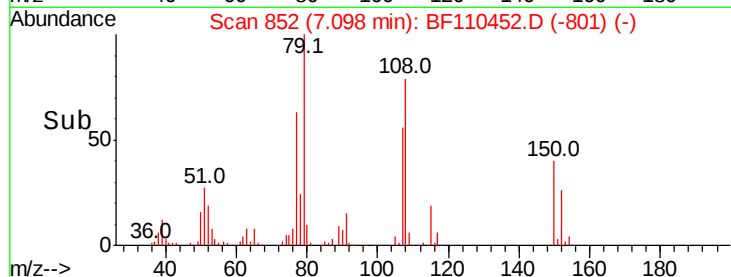
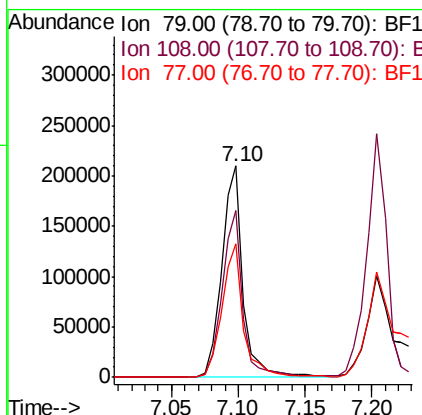
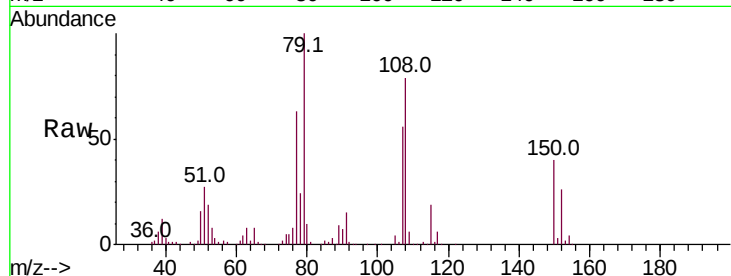
ClientSampleId :

PB114423BSD

Tot Ion:	79	Resp:	234640
Ion Ratio	Lower	Upper	
79	100		
108	79.1	56.3	84.5
77	63.4	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.953 ng

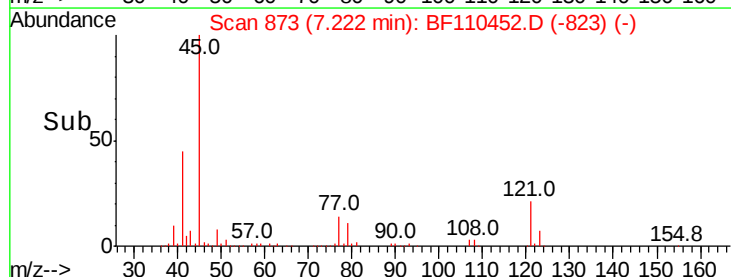
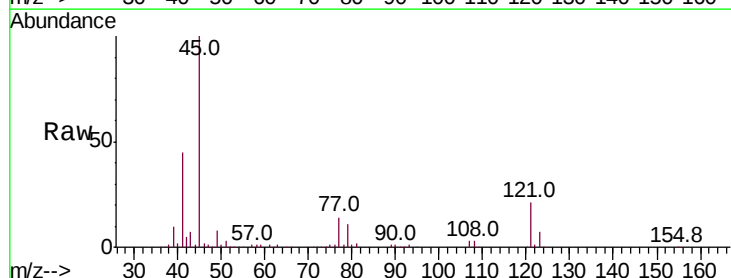
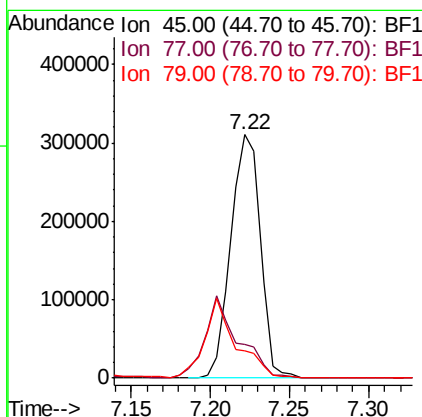
RT: 7.22 min Scan# 873

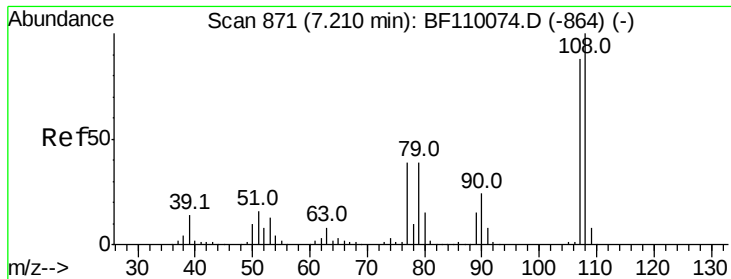
Delta R.T. -0.01 min

Lab File: BF110452.D

Acq: 3 Nov 2018 10:47

Tgt Ion:	45	Resp:	400992
Ion Ratio	Lower	Upper	
45	100		
77	14.0	10.0	50.0
79	11.1	6.1	46.1





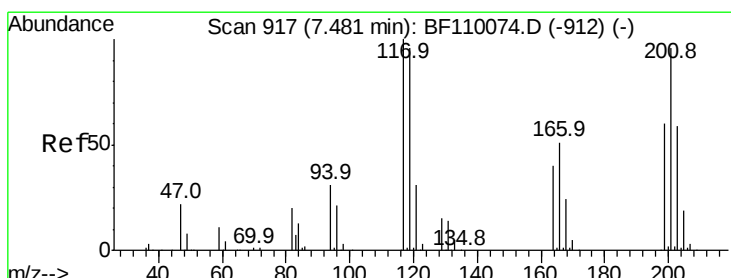
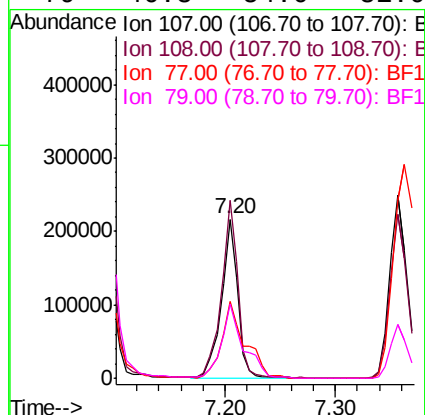
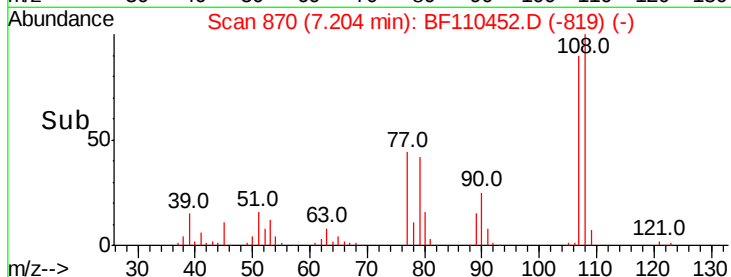
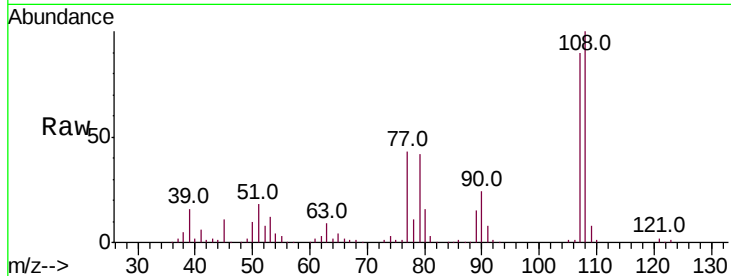
#17
2-Methylphenol
Concen: 44.434 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB114423BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	222269		
108	111.6	92.6	138.8	
77	48.5	59.4	89.2#	
79	46.8	54.0	81.0#	

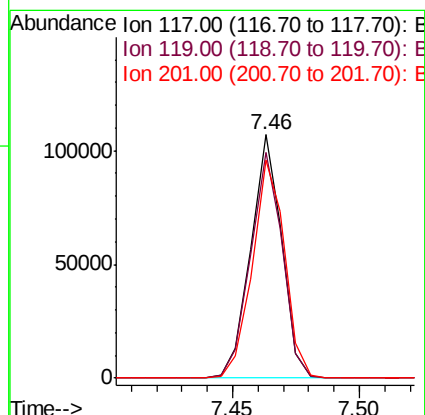
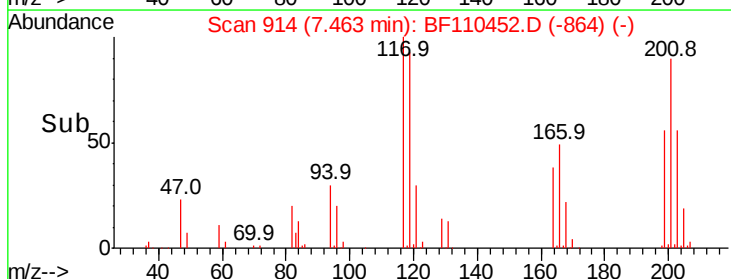
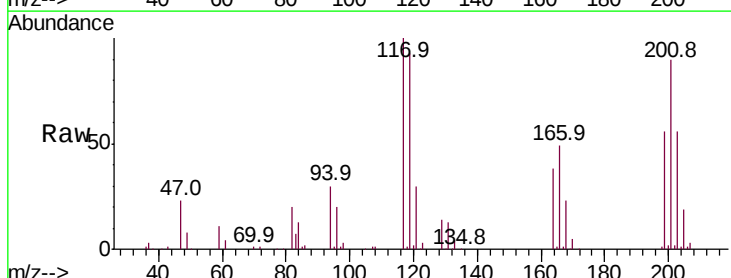
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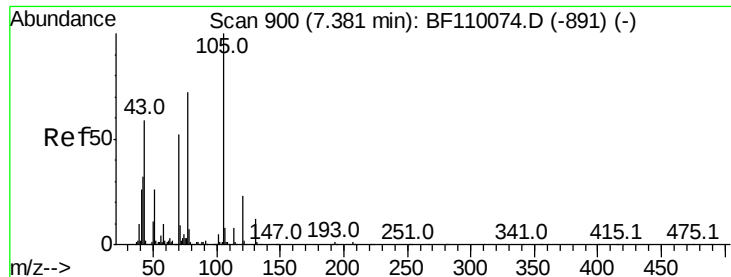
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#18
Hexachloroethane
Concen: 35.501 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	90800		
119	92.9	75.0	112.6	
201	89.6	79.2	118.8	





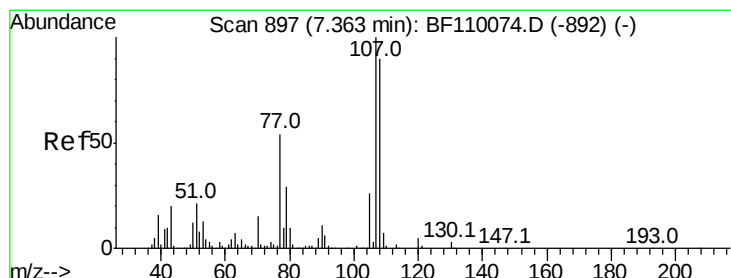
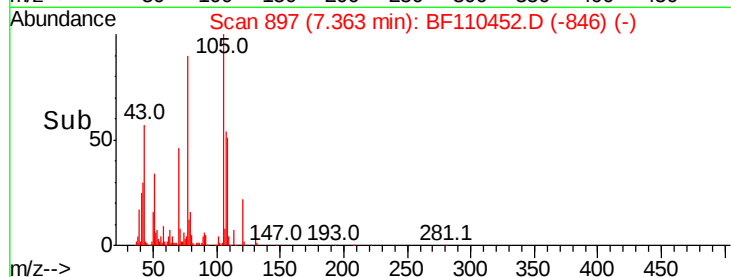
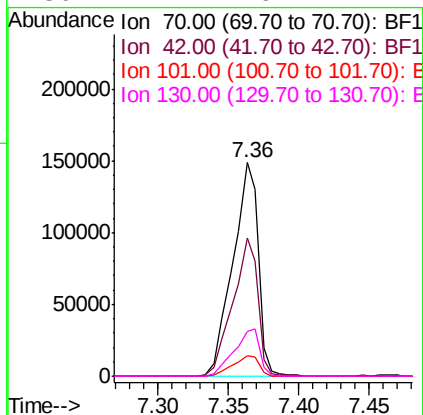
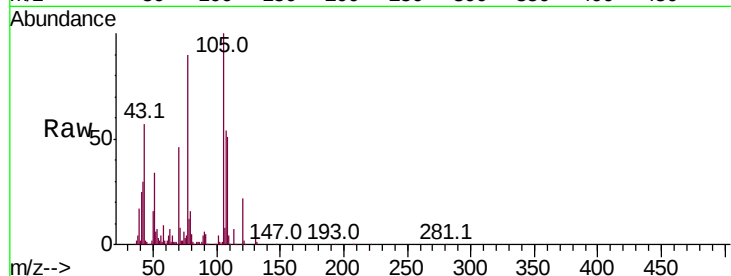
#19
n-Nitroso-di-n-propylamine
Concen: 41.731 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB114423BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.5	47.4	71.2
101	9.4	7.3	10.9
130	21.2	16.2	24.2

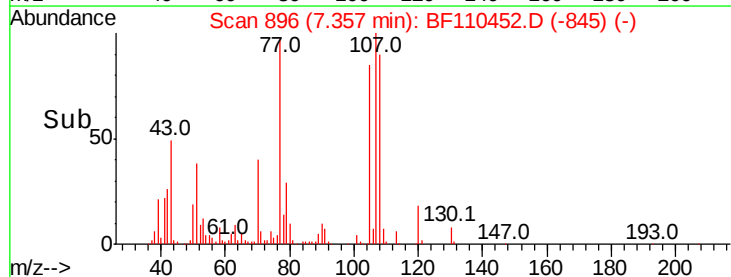
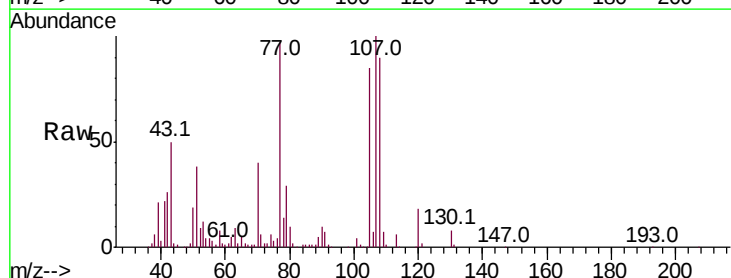
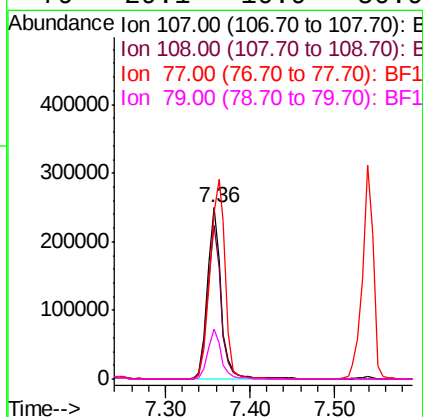
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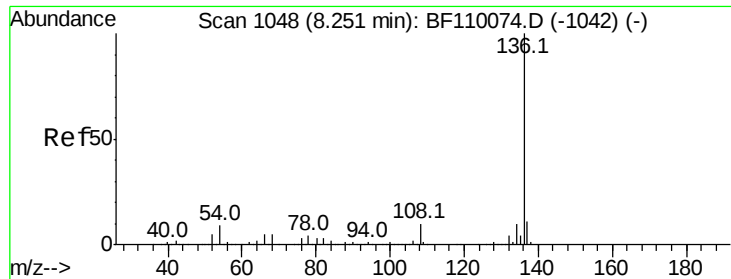
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#20
3+4-Methylphenols
Concen: 43.160 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	71.4	111.4
77	97.0	47.3	87.3#
79	29.1	10.9	50.9





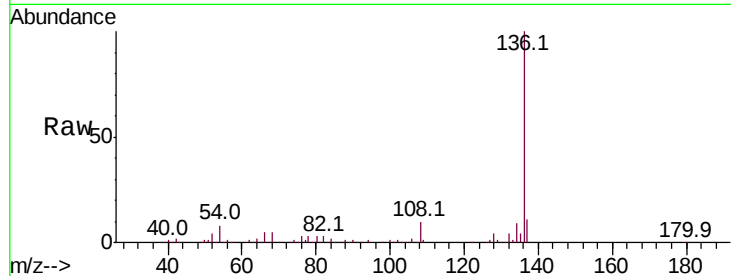
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB114423BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.8	13.2	
54	7.9	5.4	8.2	
68	4.8	4.2	6.2	

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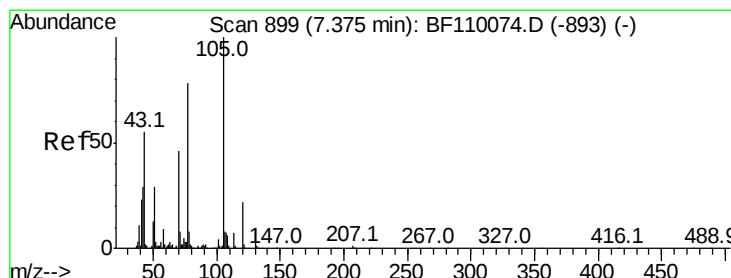
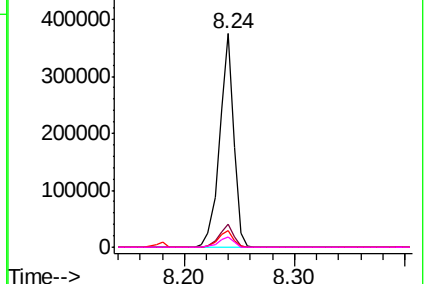
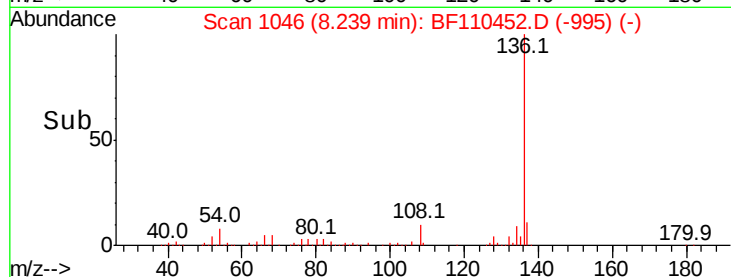
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

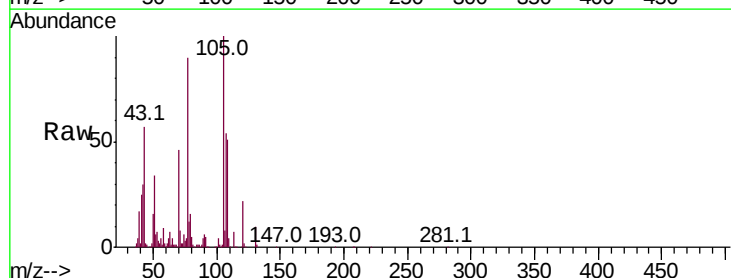
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 49.183 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.7	5.2	7.8	
51	34.1	21.8	32.8	
120	21.6	17.0	25.4	



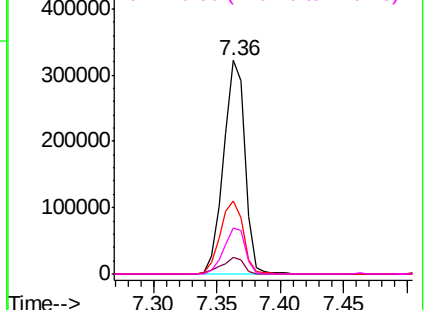
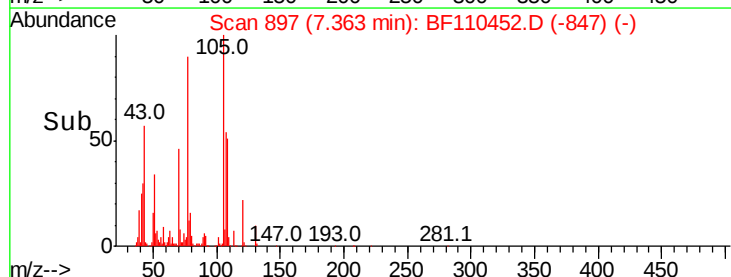
Abundance

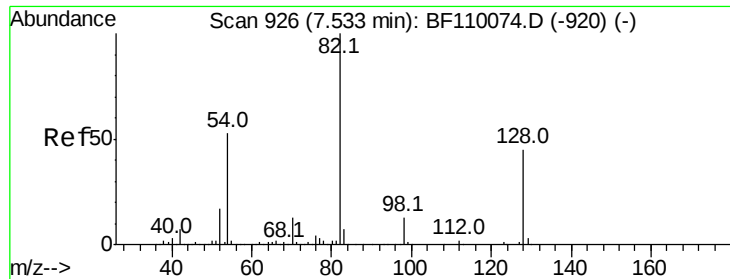
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





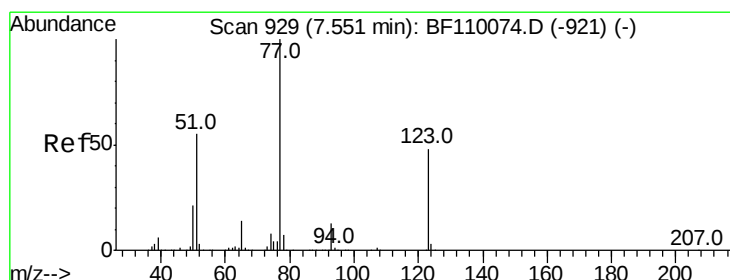
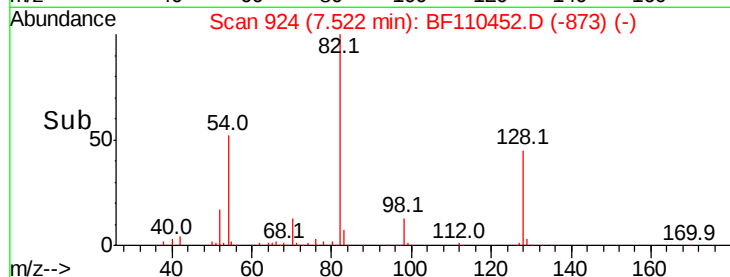
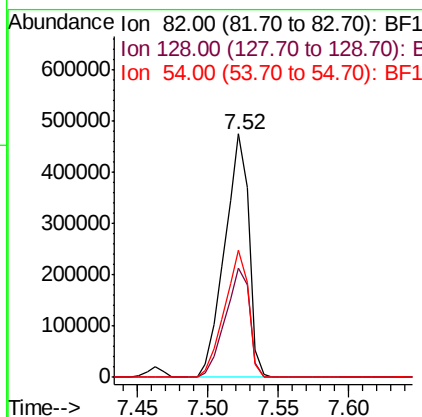
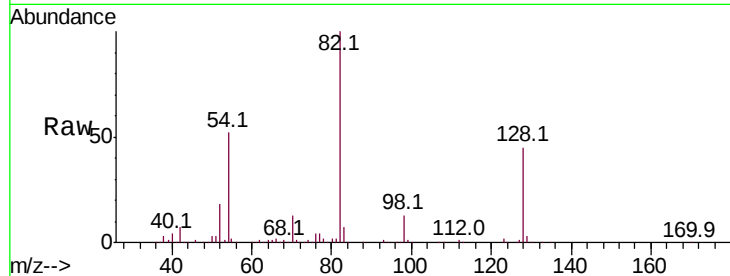
#23
 Nitrobenzene-d5
 Concen: 100.940 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF110452.D
 Acq: 3 Nov 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 PB114423BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.8	34.2	51.2	
54	52.2	38.6	58.0	

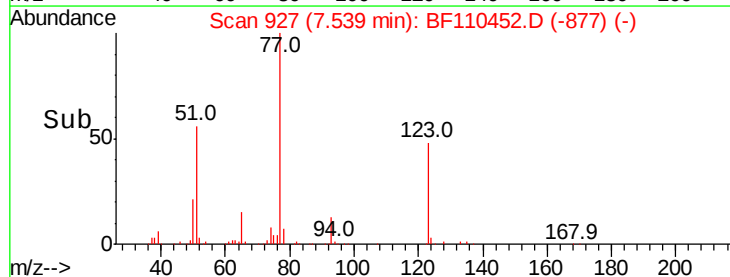
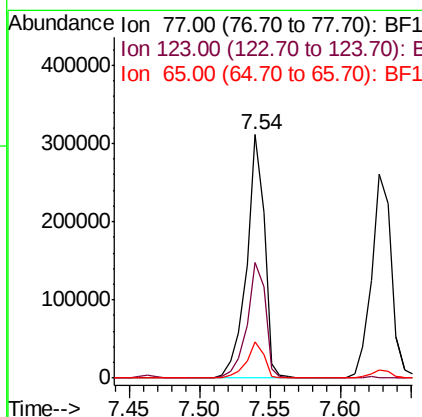
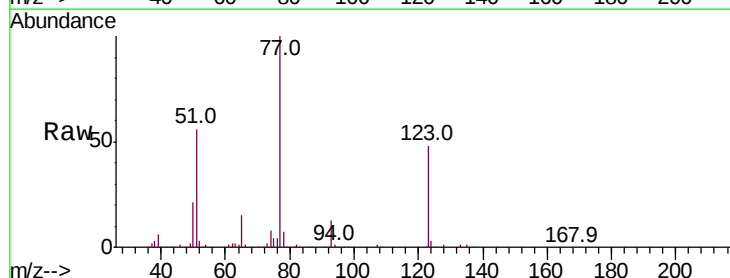
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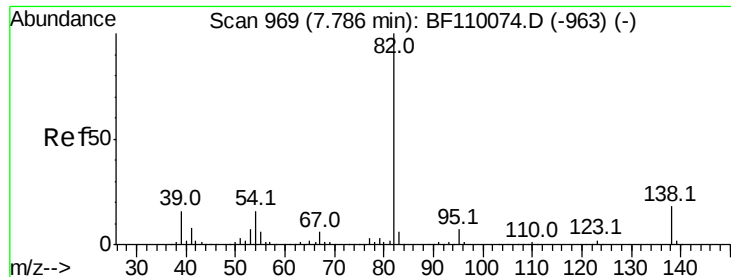
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#24
 Nitrobenzene
 Concen: 47.227 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF110452.D
 Acq: 3 Nov 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.6	35.7	53.5	
65	14.6	10.7	16.1	





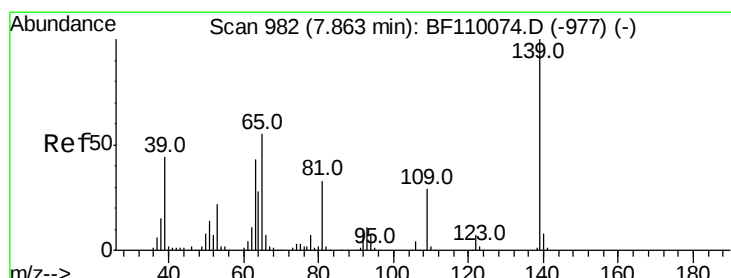
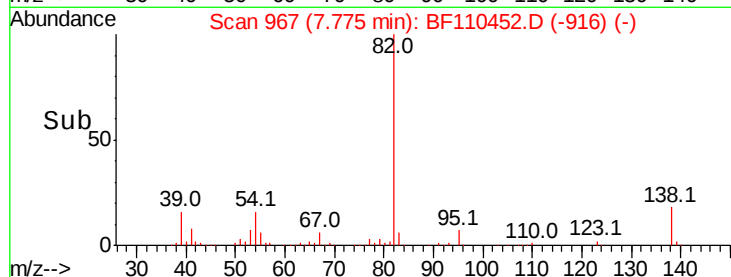
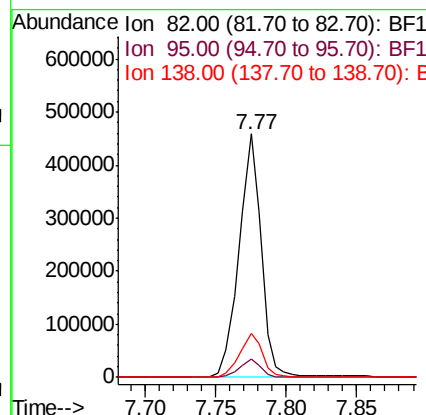
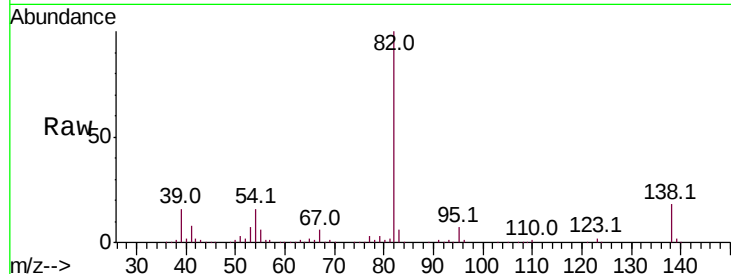
#25
Isophorone
Concen: 52.912 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB114423BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	505617		
95	7.4		5.7	8.5
138	18.1		13.2	19.8

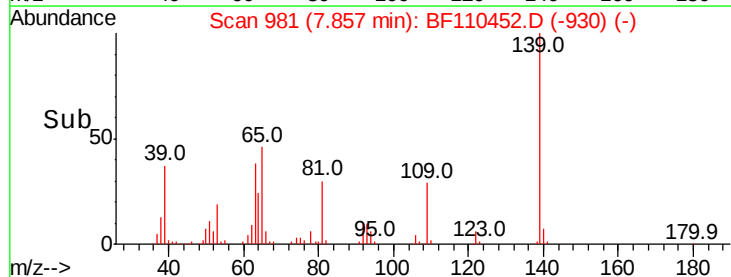
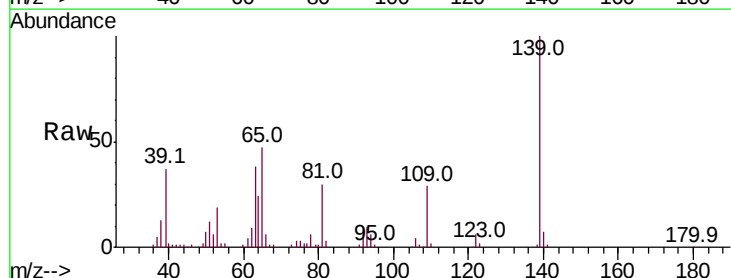
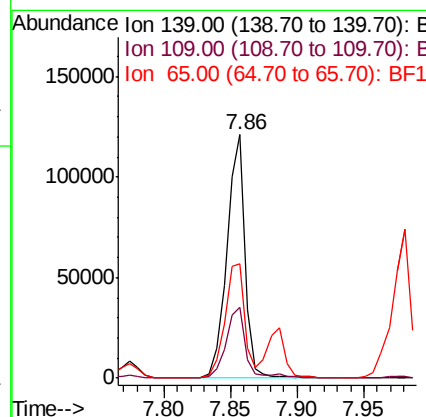
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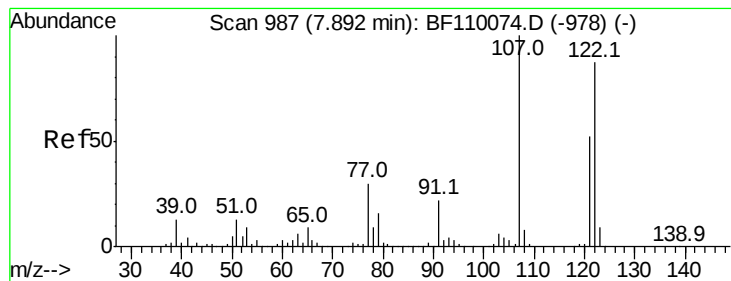
Sohil
11/5/2018 10:32:59 AM



#26
2-Nitrophenol
Concen: 42.350 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	116636		
109	29.0		25.0	37.6
65	46.8		44.0	66.0





#27

2,4-Dimethylphenol

Concen: 53.877 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF110452.D

Acq: 3 Nov 2018 10:47

Instrument :

BNA_F

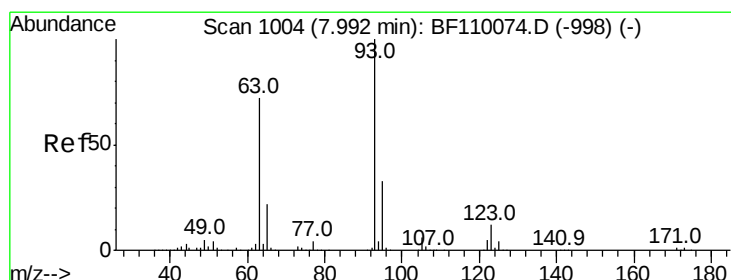
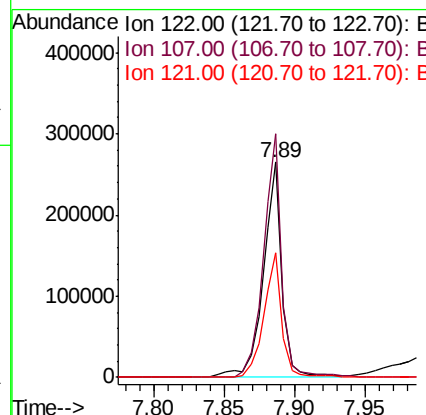
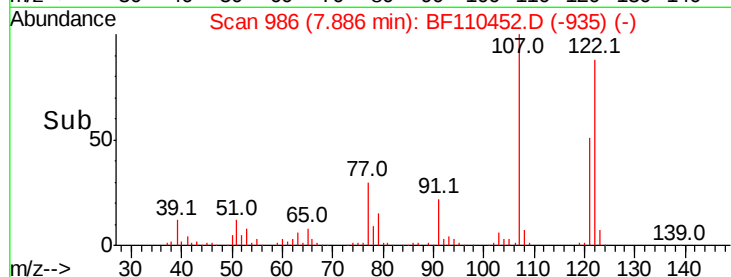
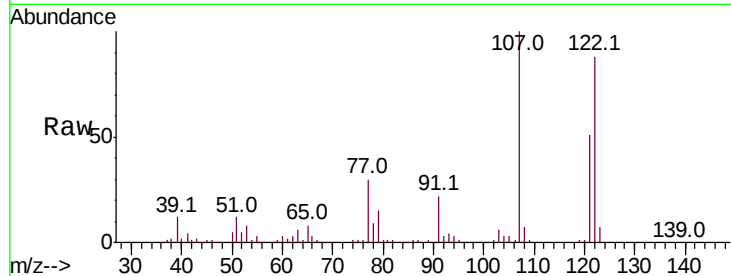
ClientSampleId :

PB114423BSD

Tot Ion:	122	Resp:	246011
Ion Ratio	Lower	Upper	
122	100		
107	113.2	92.5	138.7
121	57.8	45.8	68.8

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#28

bis(2-Chloroethoxy)methane

Concen: 49.189 ng

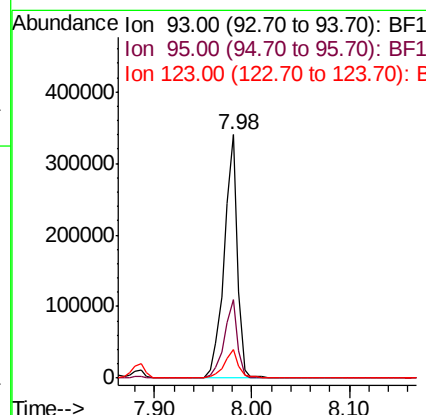
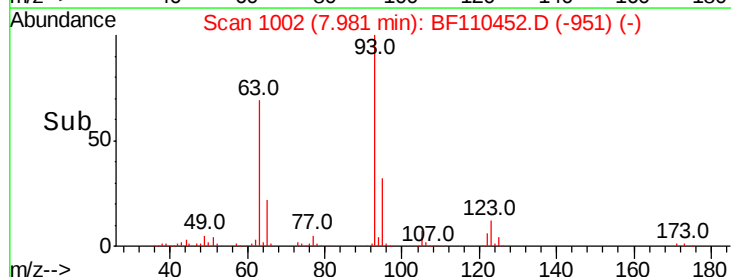
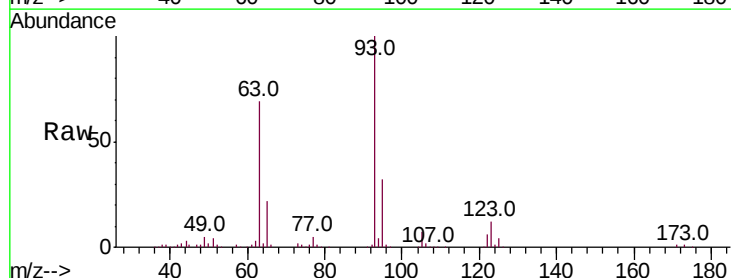
RT: 7.98 min Scan# 1002

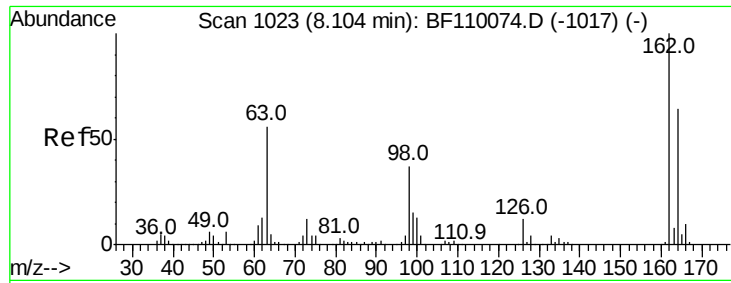
Delta R.T. 0.00 min

Lab File: BF110452.D

Acq: 3 Nov 2018 10:47

Tgt Ion:	93	Resp:	319310
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.4	39.6
123	12.0	9.0	13.6





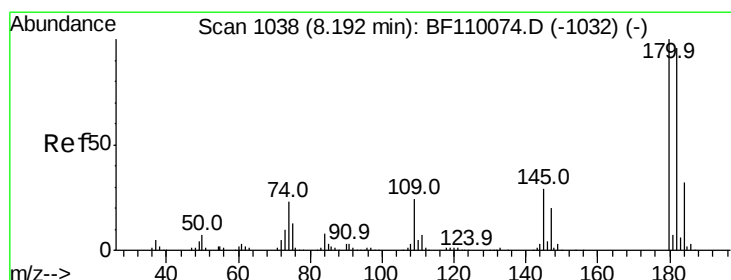
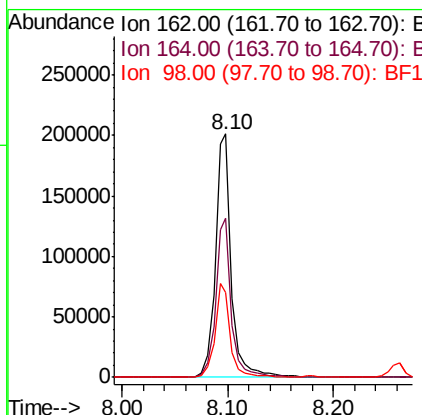
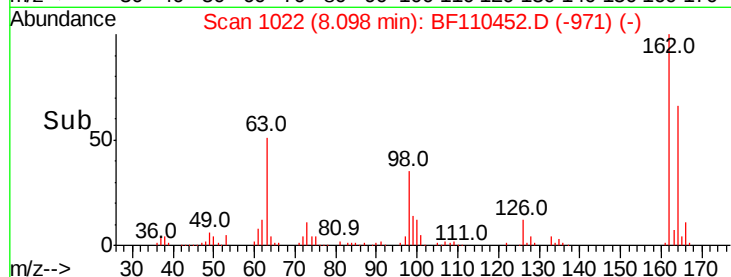
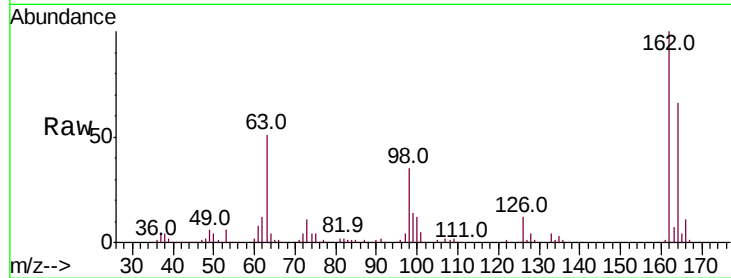
#29
 2,4-Dichlorophenol
 Concen: 46.651 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF110452.D
 Acq: 3 Nov 2018 10:47

Instrument :
 BNA_F
 ClientSampled :
 PB114423BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	215211		
164	65.5	44.6	84.6	
98	34.8	17.4	57.4	

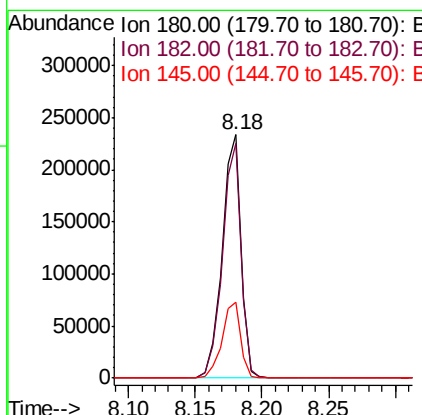
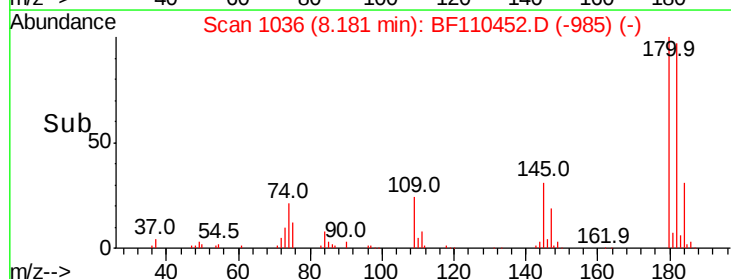
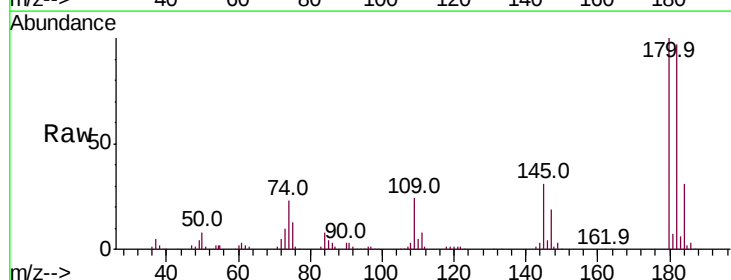
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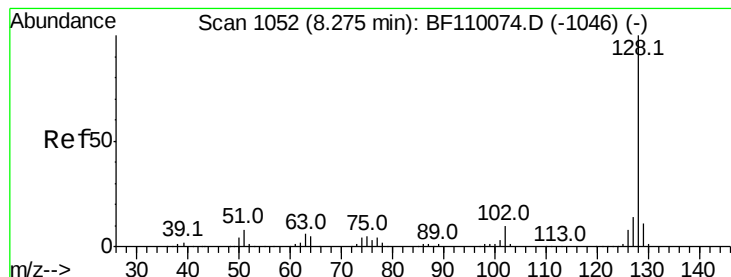
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.380 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF110452.D
 Acq: 3 Nov 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	234491		
182	96.6	80.3	120.5	
145	31.1	25.4	38.0	





#31

Naphthalene

Concen: 49.376 ng

RT: 8.26 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF110452.D

Acq: 3 Nov 2018 10:47

Instrument :

BNA_F

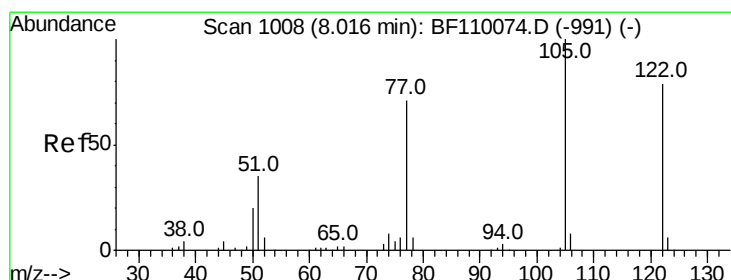
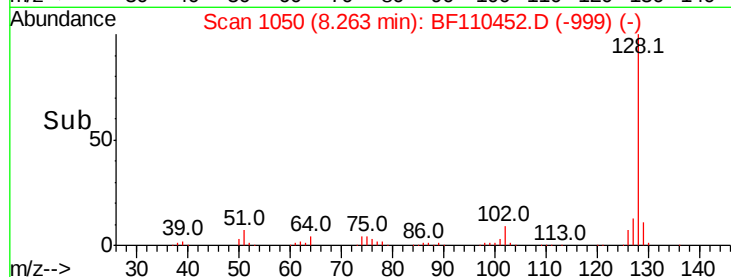
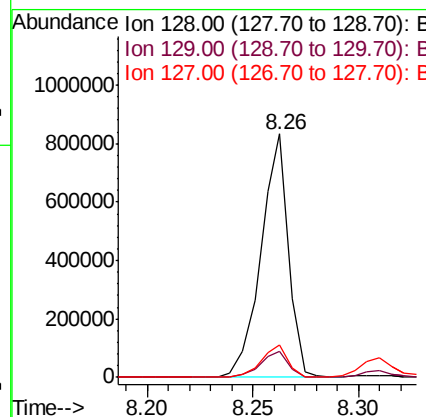
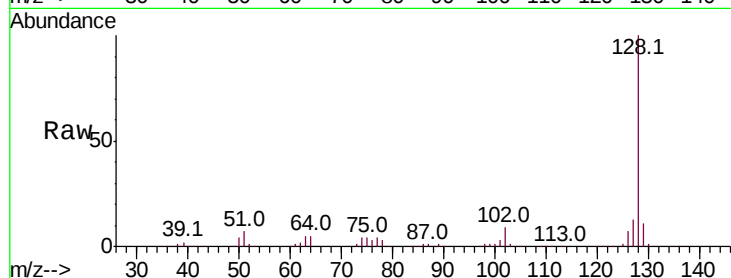
ClientSampleId :

PB114423BSD

Tot Ion:	128	Resp:	756655
Ion Ratio	Lower	Upper	
128	100		
129	10.6	8.8	13.2
127	13.1	10.8	16.2

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#32

Benzoic acid

Concen: 24.177 ng

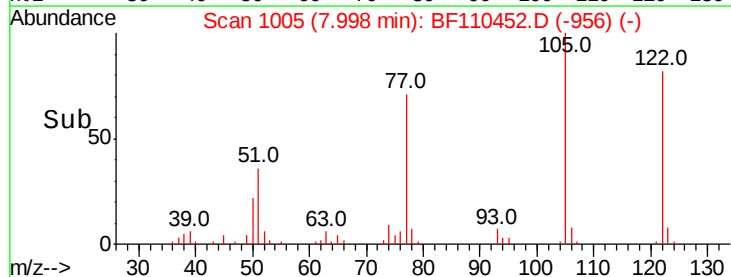
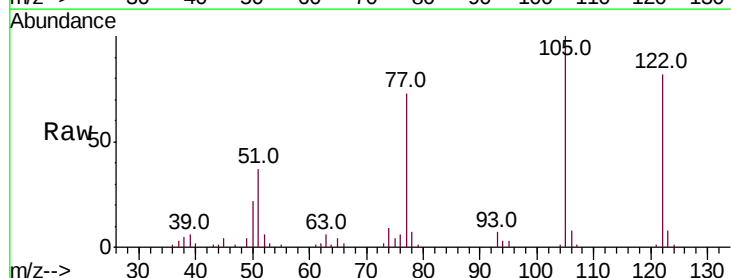
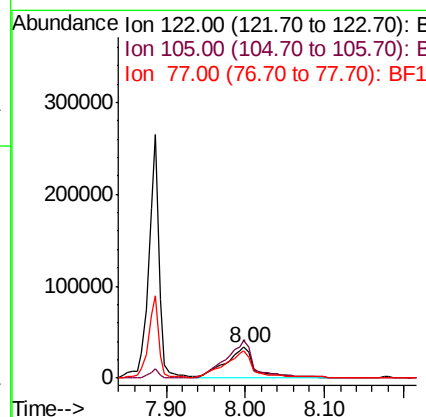
RT: 8.00 min Scan# 1005

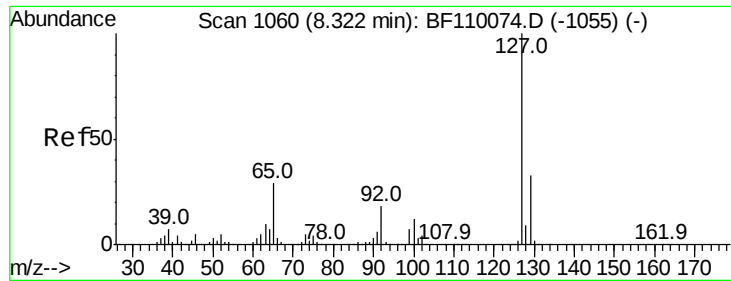
Delta R.T. -0.01 min

Lab File: BF110452.D

Acq: 3 Nov 2018 10:47

Tgt Ion:	122	Resp:	85323
Ion Ratio	Lower	Upper	
122	100		
105	122.2	109.0	149.0
77	89.6	79.0	119.0





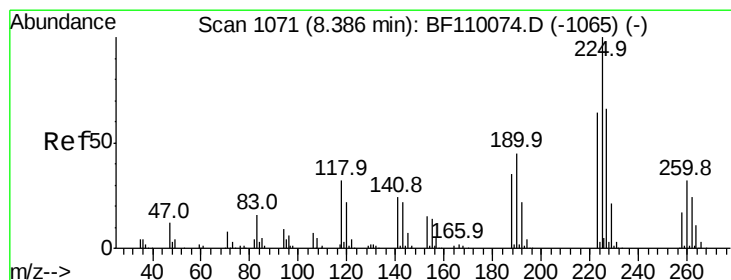
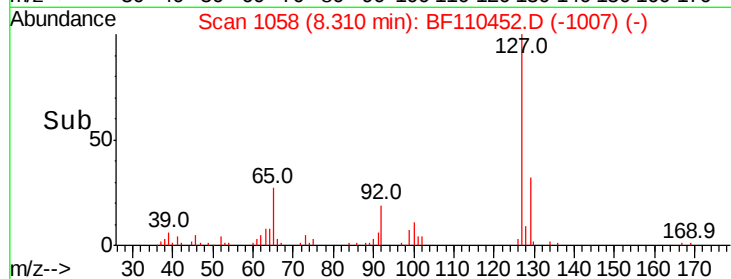
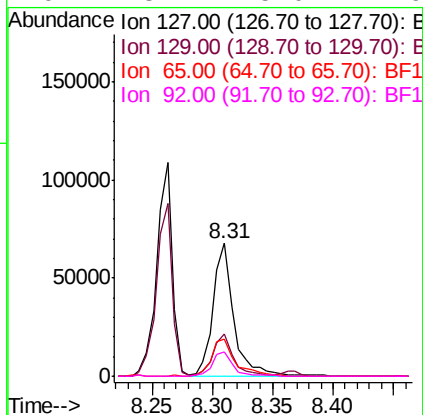
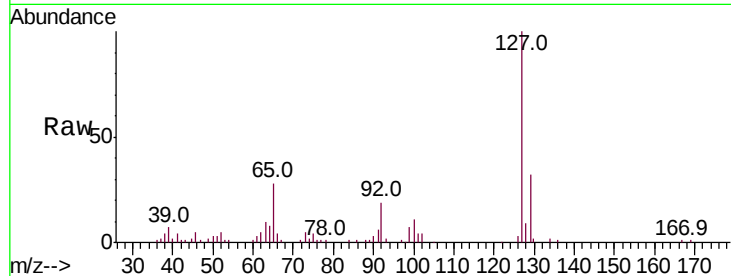
#33
4-Chloroaniline
Concen: 11.664 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB114423BSD

Tot Ion:	127	Resp:	80444
Ion Ratio	Lower	Upper	
127	100		
129	31.9	26.0	39.0
65	28.4	25.1	37.7
92	18.7	15.0	22.6

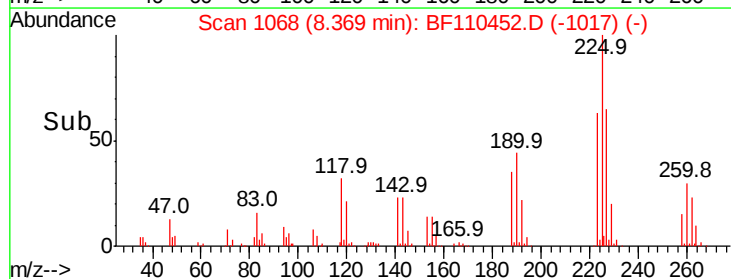
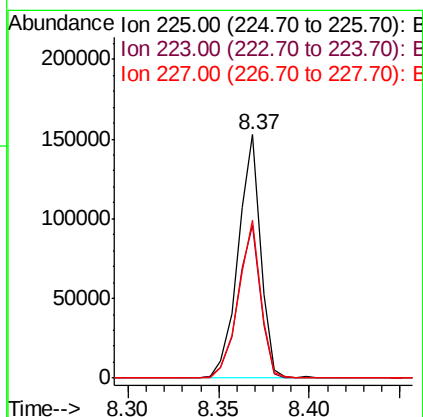
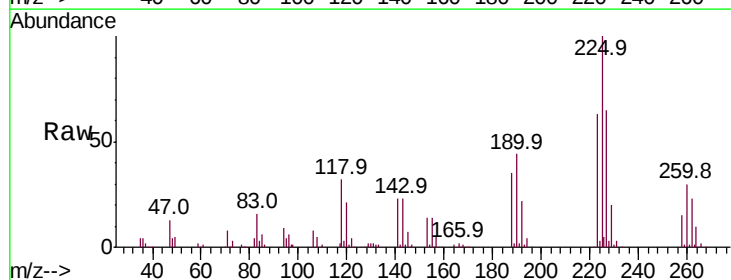
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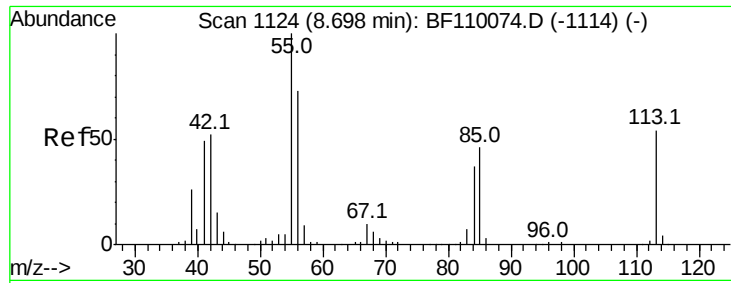
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#34
Hexachlorobutadiene
Concen: 45.879 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Tgt Ion:	225	Resp:	131631
Ion Ratio	Lower	Upper	
225	100		
223	62.7	51.4	77.2
227	64.8	51.0	76.6





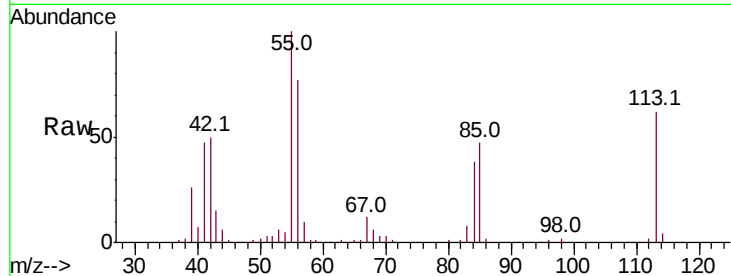
#35
 Caprolactam
 Concen: 41.196 ng/ml
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF110452.D
 Acq: 3 Nov 2018 10:47

Instrument :
 BNA_F
 ClientSampleID :
 PB114423BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	161.6	142.8	182.8
56	124.4	105.0	145.0

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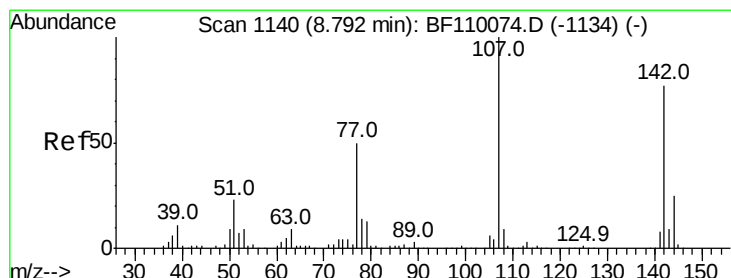
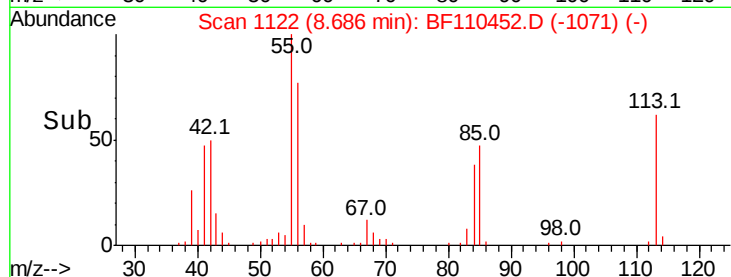
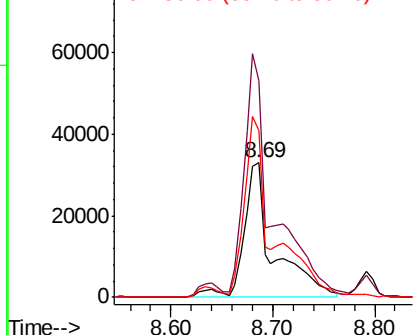


Abundance

Ion 113.00 (112.70 to 113.70): E

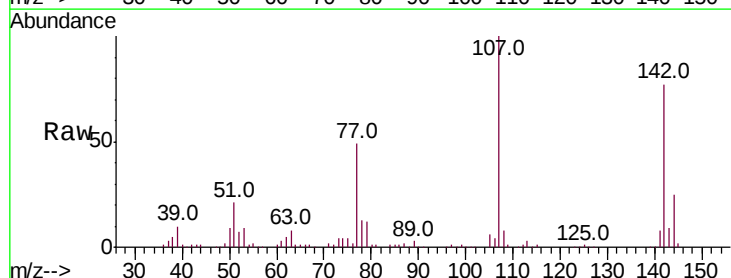
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 45.084 ng/ml
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF110452.D
 Acq: 3 Nov 2018 10:47

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.0	30.0
142	76.6	59.7	89.5

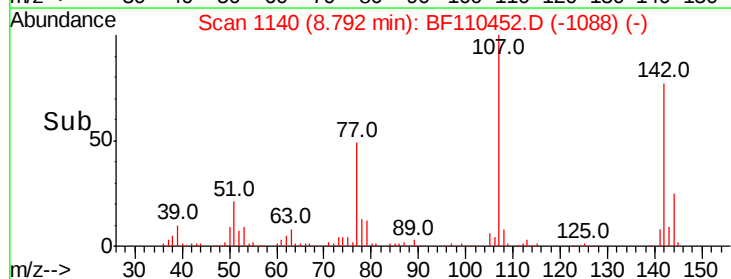
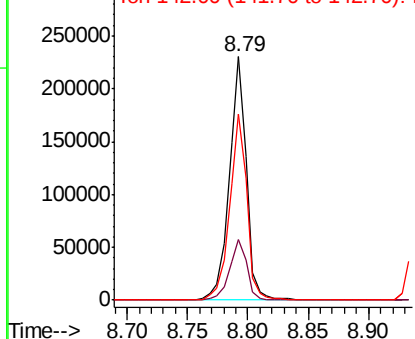


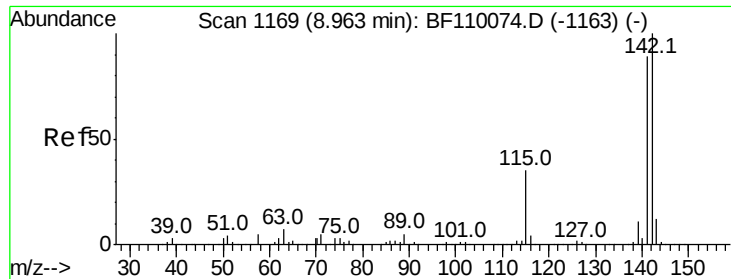
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





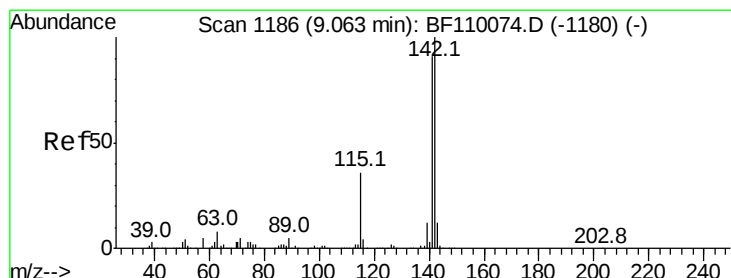
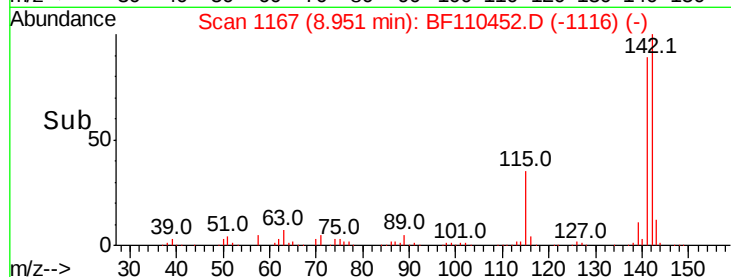
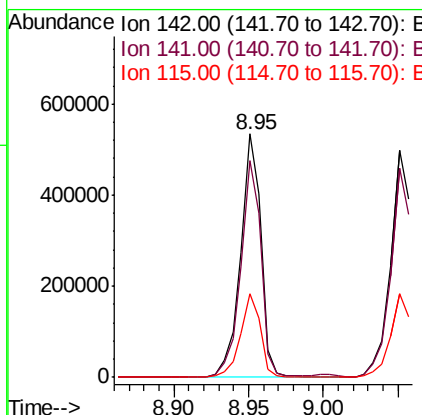
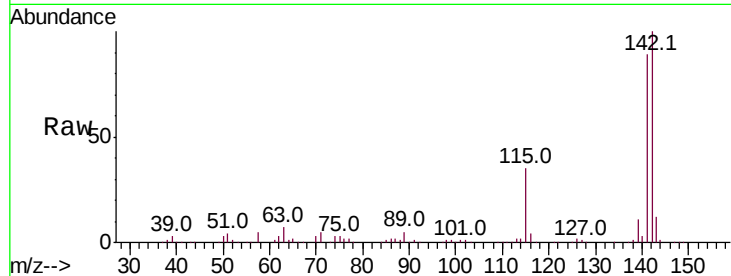
#37
2-Methylnaphthalene
Concen: 50.043 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB114423BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.2
115	34.5	28.7	43.1

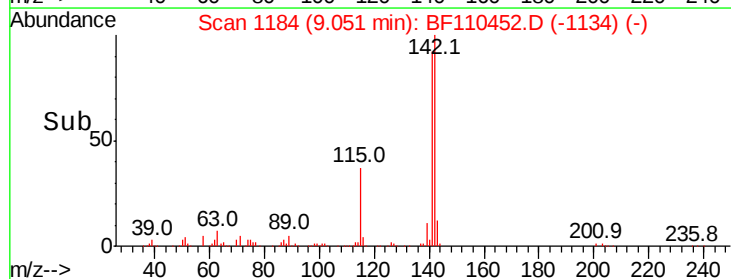
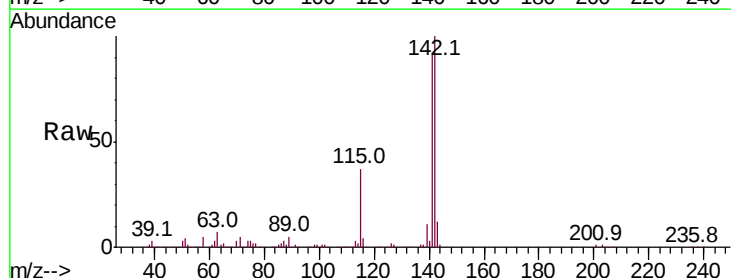
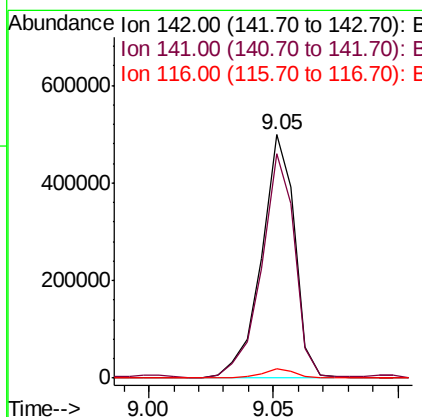
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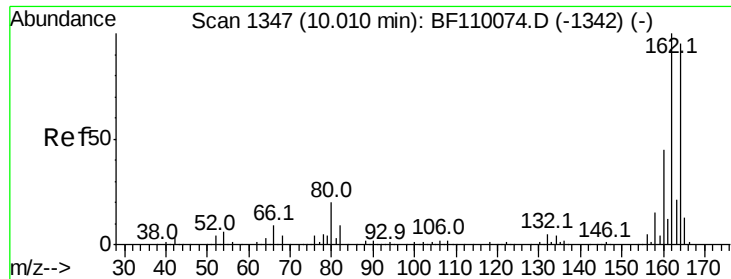
Sohil
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#38
1-Methylnaphthalene
Concen: 47.839 ng m
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.2	111.4
116	4.0	2.6	4.0#





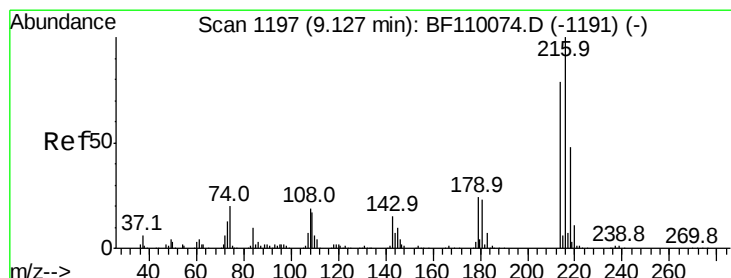
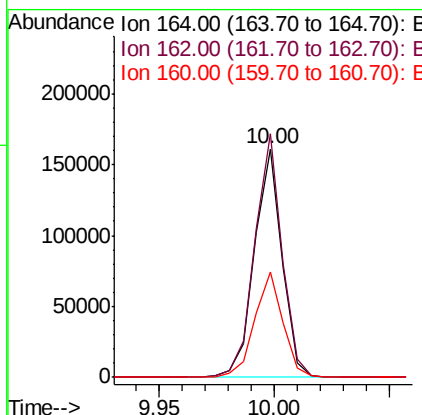
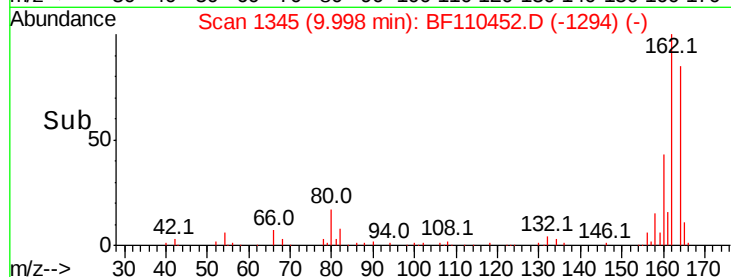
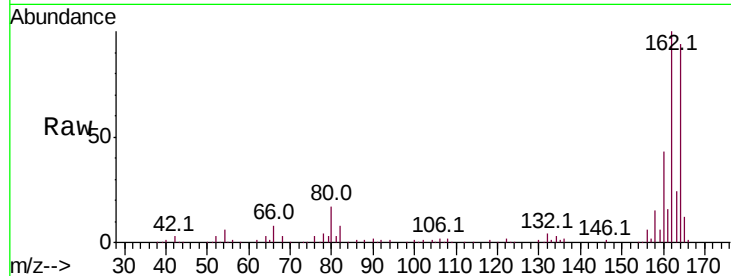
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB114423BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.6	83.0	124.6
160	46.0	37.0	55.6

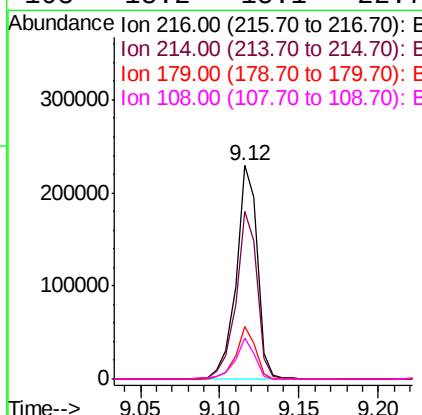
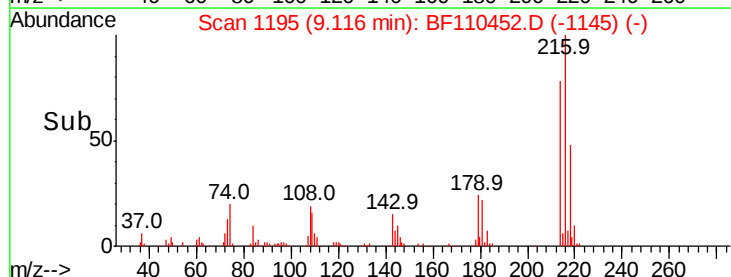
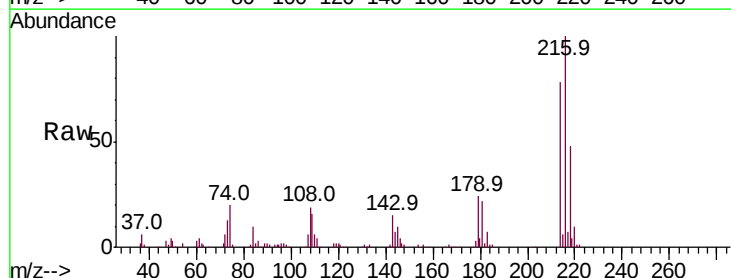
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.599 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.8	95.6
179	22.7	16.6	25.0
108	18.2	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 18.319 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF110452.D

Acq: 3 Nov 2018 10:47

Instrument :

BNA_F

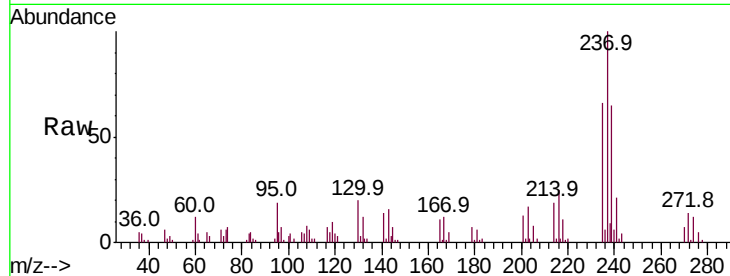
ClientSampleId :

PB114423BSD

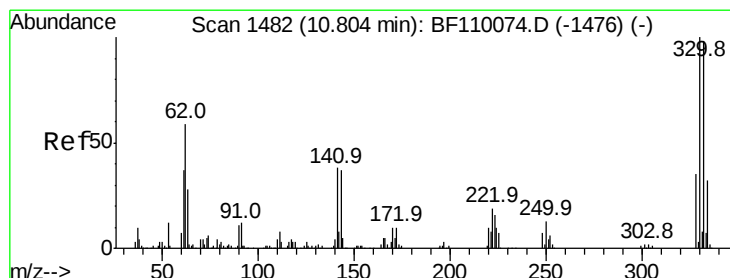
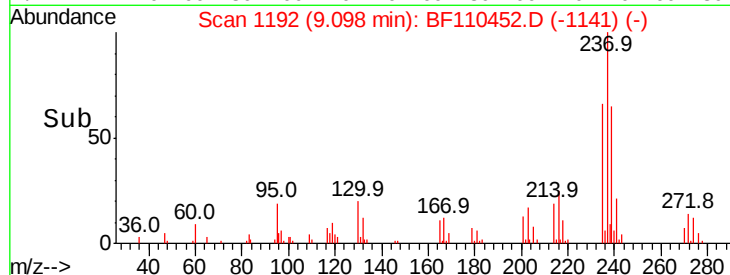
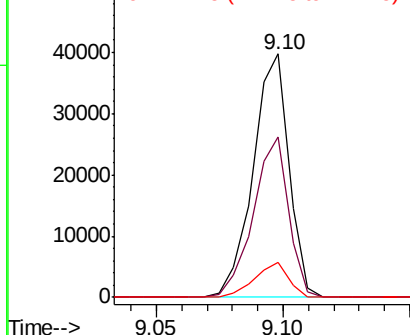
Tot Ion:	237	Resp:	39326
Ion Ratio	Lower	Upper	
237	100		
235	66.0	43.1	83.1
272	14.4	0.0	32.6

Manual Integrations
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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: 85.373 ng

RT: 10.79 min Scan# 1480

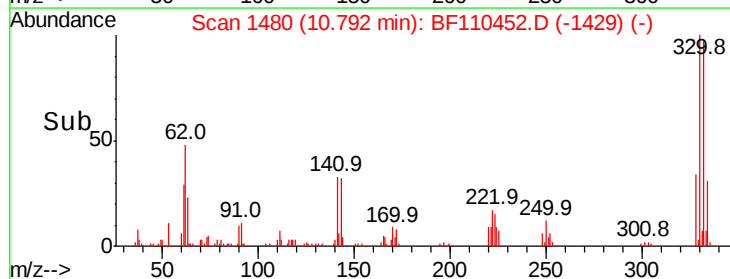
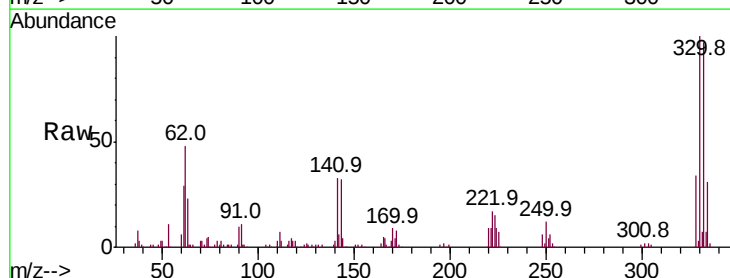
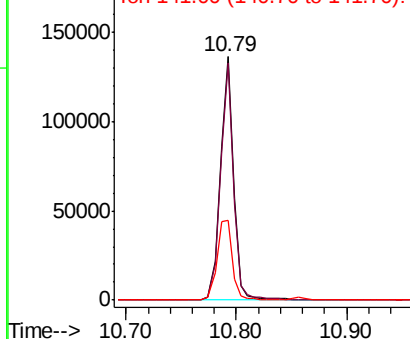
Delta R.T. 0.00 min

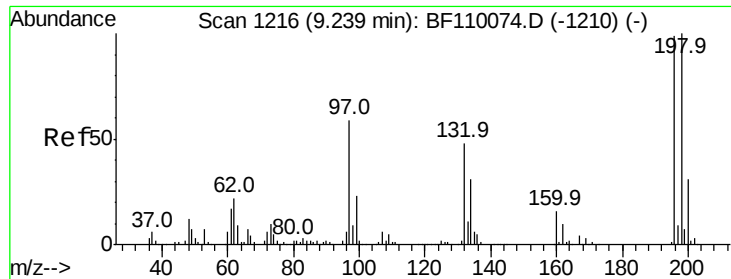
Lab File: BF110452.D

Acq: 3 Nov 2018 10:47

Tgt Ion:	330	Resp:	113945
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.1	115.7
141	37.5	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





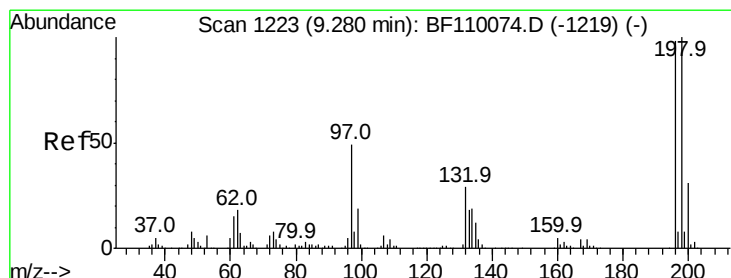
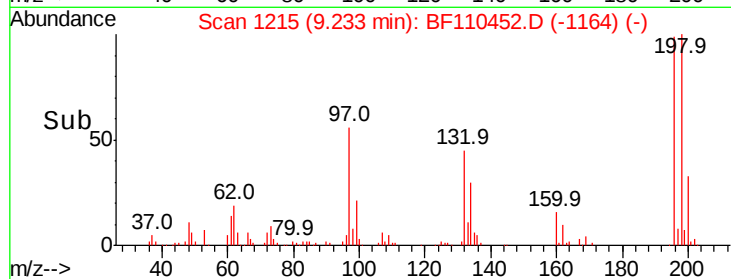
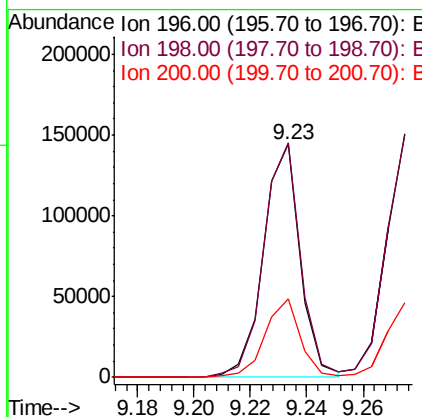
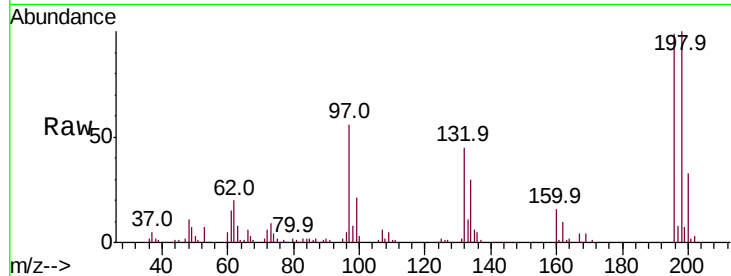
#43
 2,4,6-Trichlorophenol
 Concen: 48.090 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF110452.D
 Acq: 3 Nov 2018 10:47

Instrument :
 BNA_F
 ClientSampleID :
 PB114423BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	130218		
198	100.9	76.2	114.4	
200	33.6	24.4	36.6	

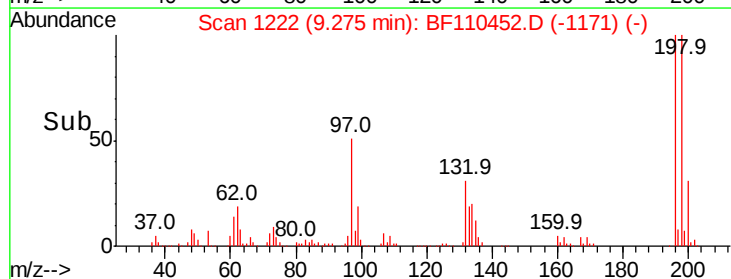
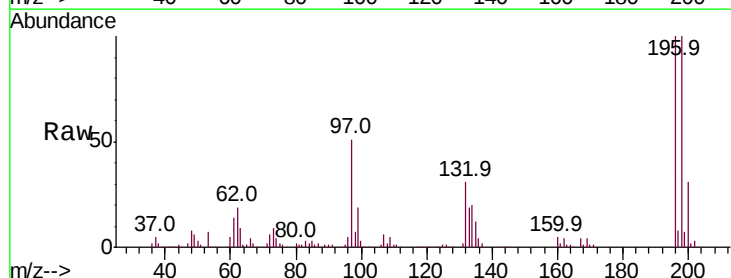
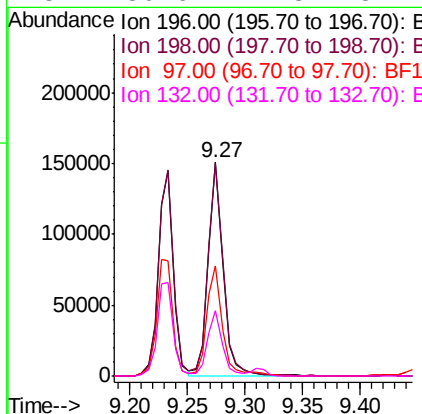
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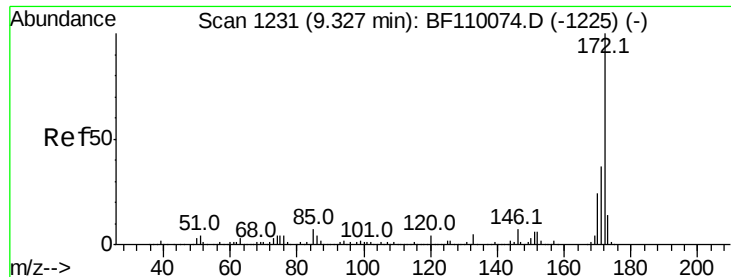
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 48.369 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF110452.D
 Acq: 3 Nov 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	138442		
198	99.6	75.8	113.6	
97	51.4	42.4	63.6	
132	30.6	22.8	34.2	





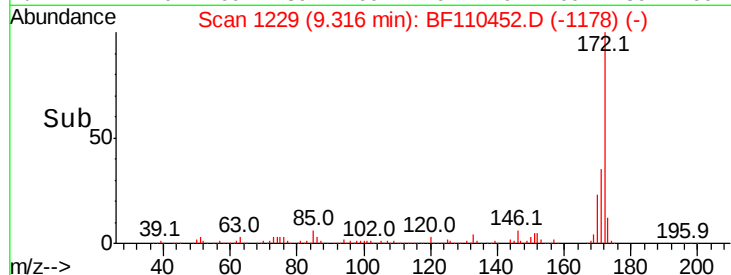
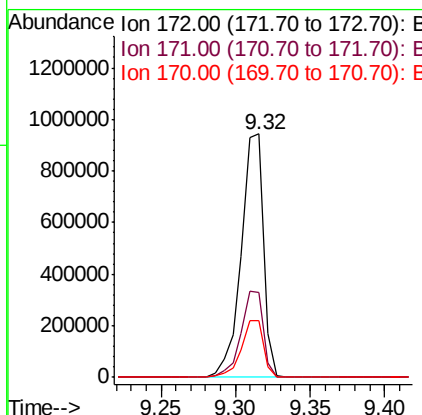
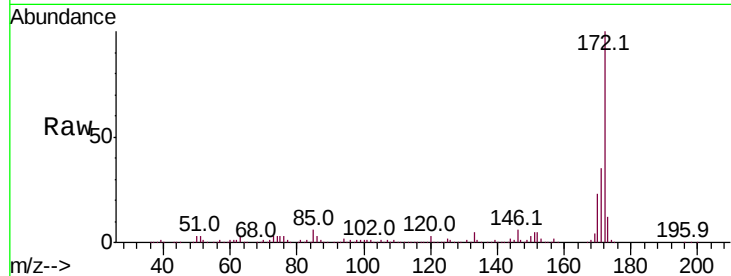
#45
2-Fluorobiphenyl
Concen: 114.474 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB114423BSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	982264		
171	34.8		28.6	43.0
170	23.1		19.7	29.5

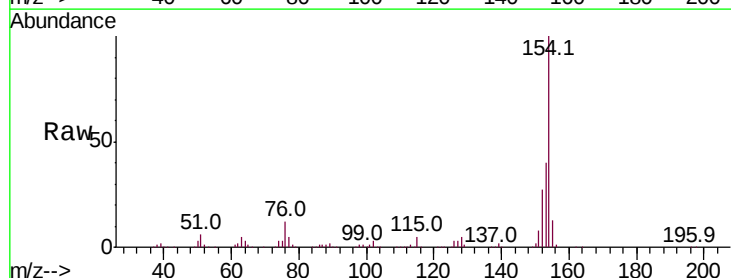
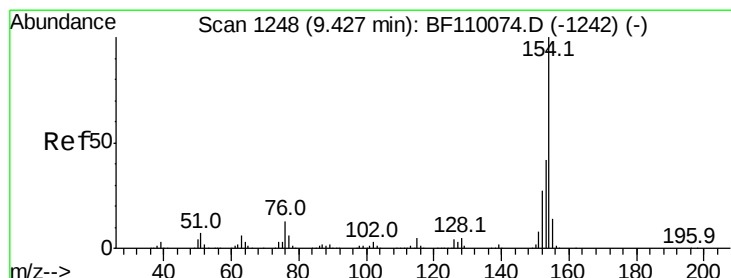
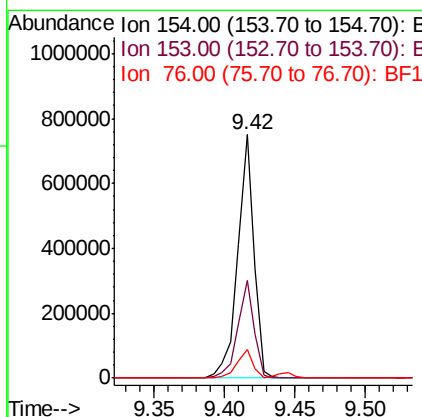
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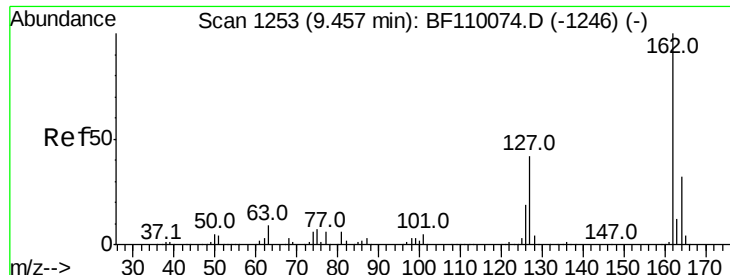
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#46
1,1'-Biphenyl
Concen: 49.251 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	600091		
153	40.0		20.4	60.4
76	11.7		0.0	31.9





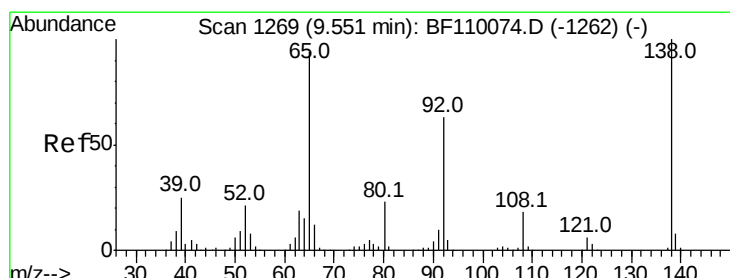
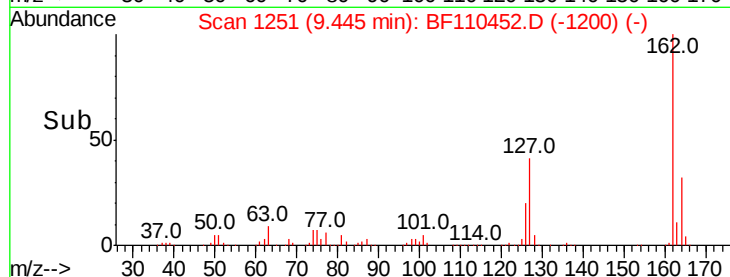
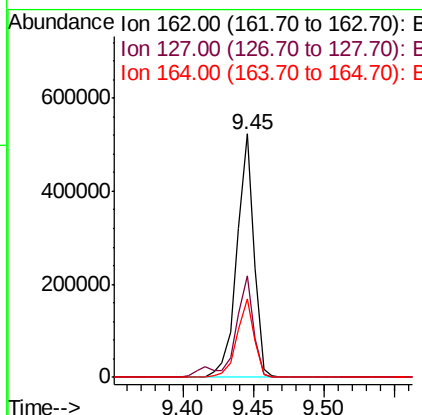
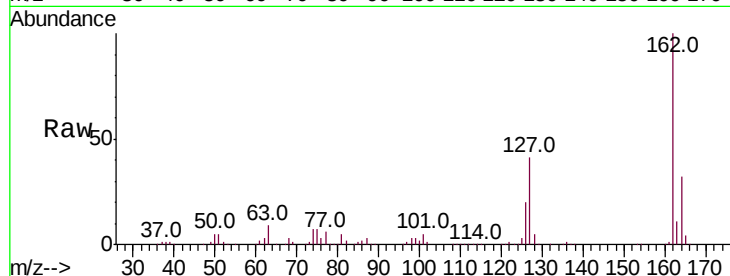
#47
2-Chloronaphthalene
Concen: 49.052 ng
RT: 9.45 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB114423BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	438412		
127	41.5	32.6	48.8	
164	32.4	25.9	38.9	

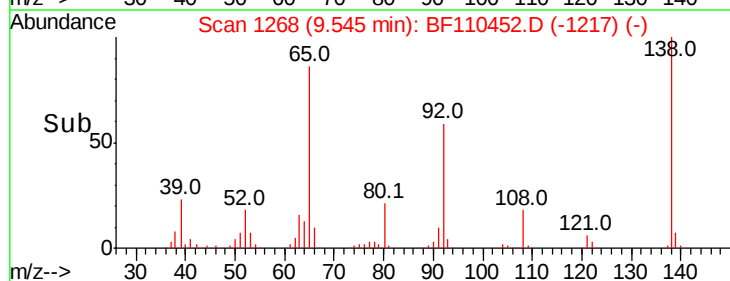
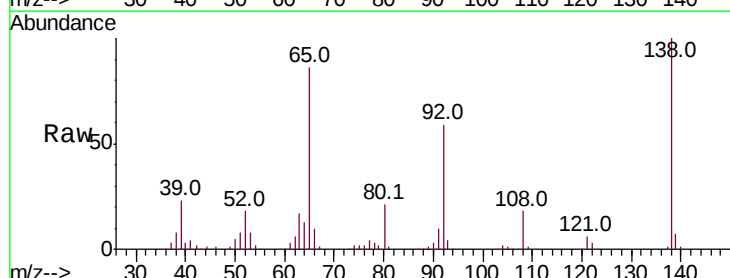
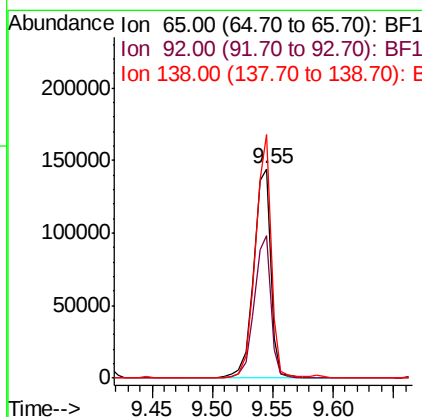
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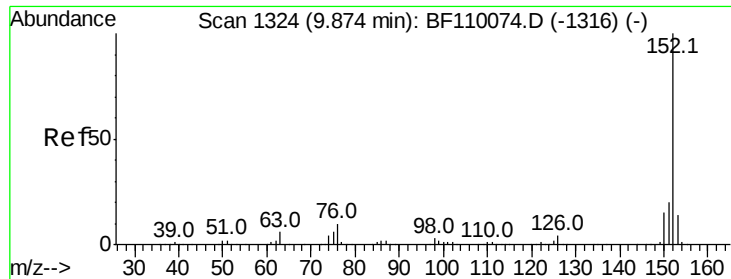
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#48
2-Nitroaniline
Concen: 53.240 ng
RT: 9.55 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	144195		
92	68.4	54.6	81.8	
138	116.3	80.3	120.5	





#49

Acenaphthylene

Concen: 50.409 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF110452.D

Acq: 3 Nov 2018 10:47

Instrument :

BNA_F

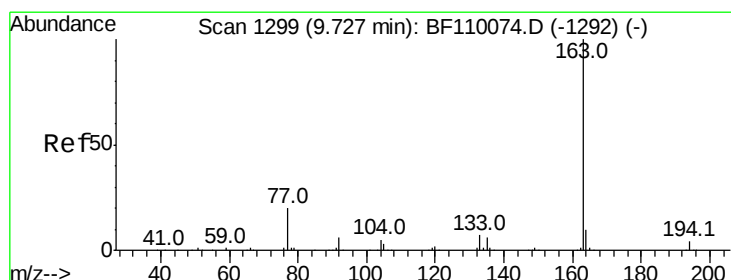
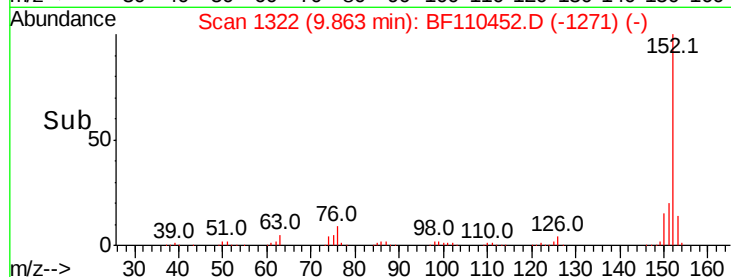
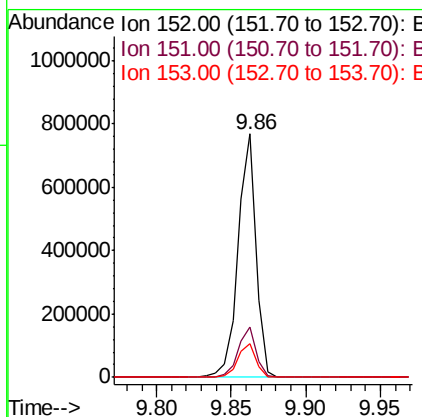
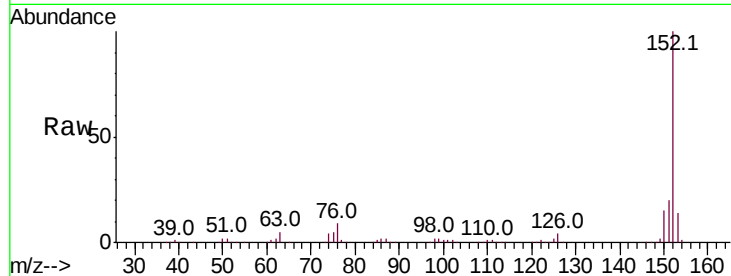
ClientSampleId :

PB114423BSD

Tot Ion:	152	Resp:	650738
Ion Ratio	Lower	Upper	
152	100		
151	20.5	15.8	23.8
153	13.6	10.4	15.6

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#50

Dimethylphthalate

Concen: 53.305 ng

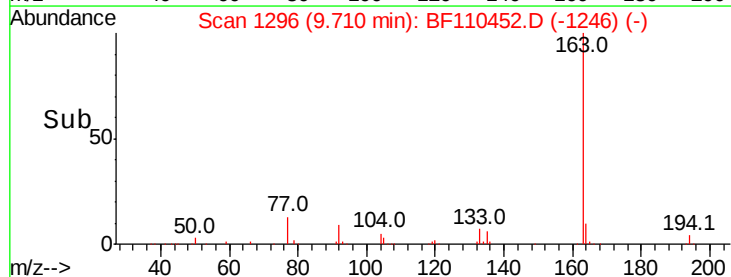
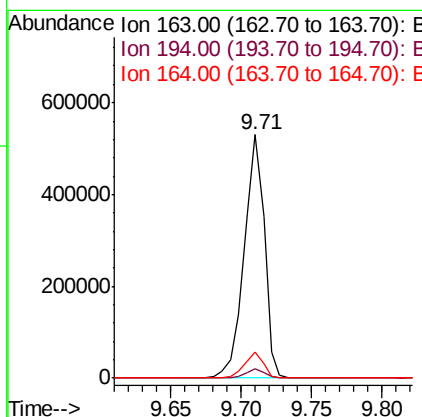
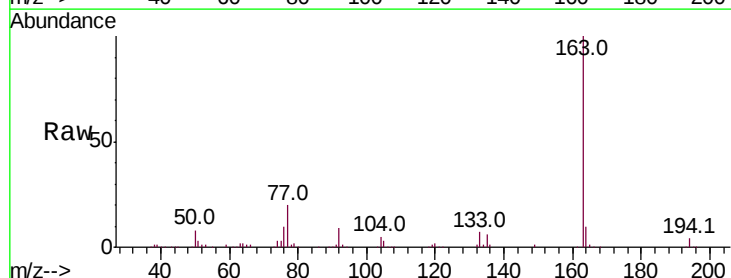
RT: 9.71 min Scan# 1296

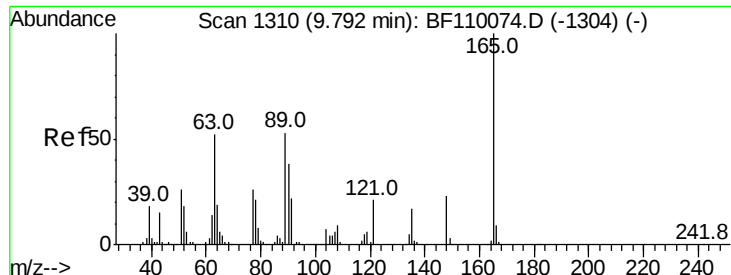
Delta R.T. -0.01 min

Lab File: BF110452.D

Acq: 3 Nov 2018 10:47

Tgt Ion:	163	Resp:	530182
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.2	4.8
164	10.5	8.1	12.1





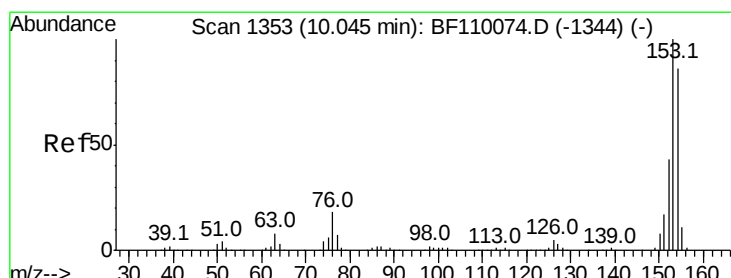
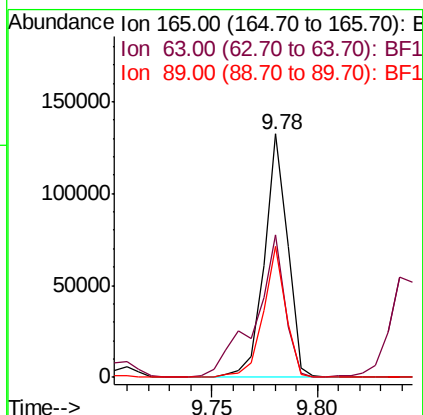
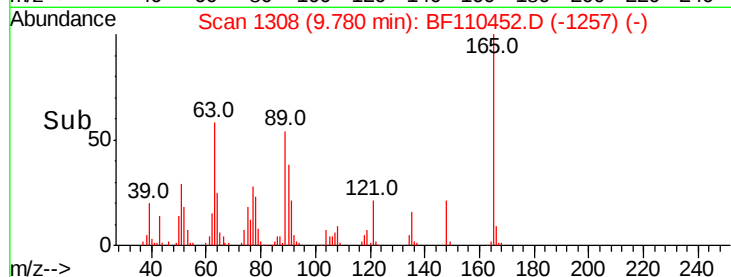
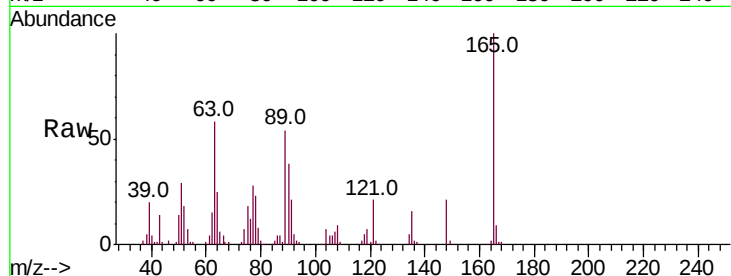
#51
2,6-Dinitrotoluene
Concen: 47.345 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB114423BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	101434		
63	58.4	48.9	73.3	
89	54.0	46.6	69.8	

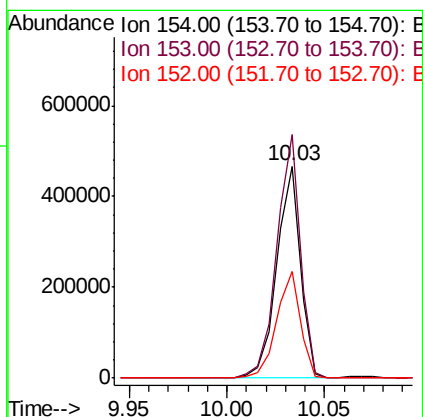
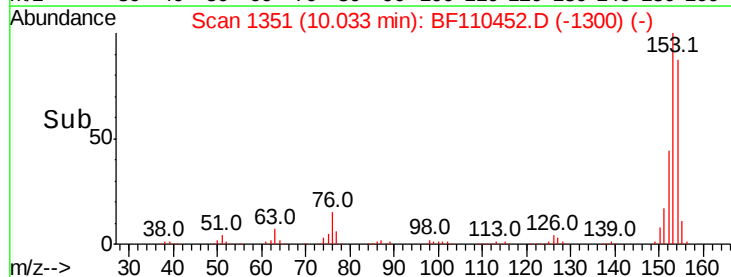
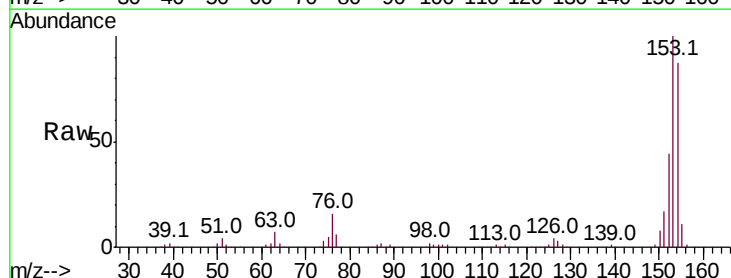
Manual Integrations
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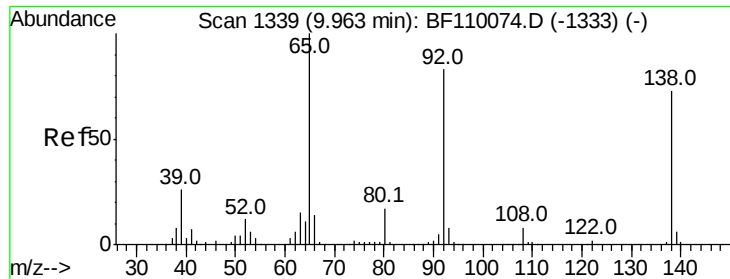
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#52
Acenaphthene
Concen: 46.071 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	393441		
153	114.9	90.1	135.1	
152	50.6	43.4	65.2	





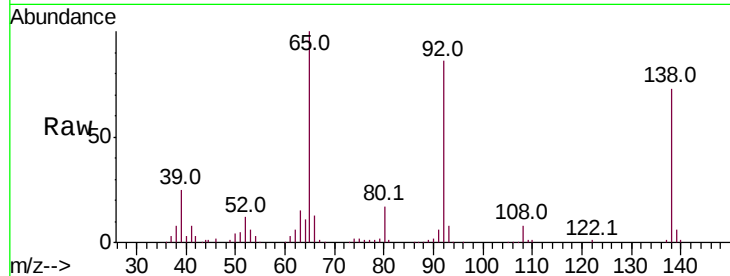
#53
3-Nitroaniline
Concen: 37.226 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB114423BSD

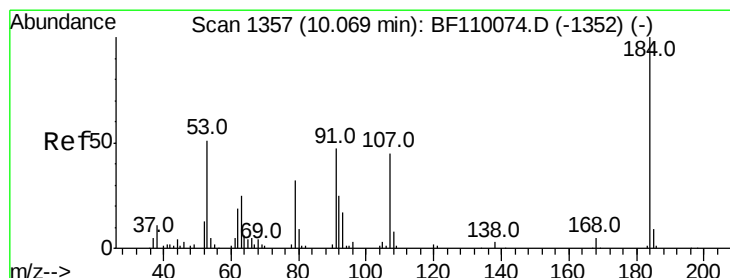
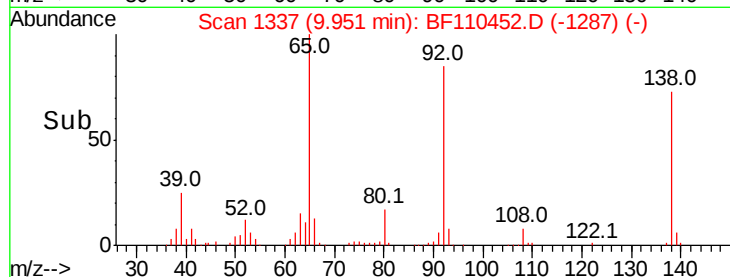
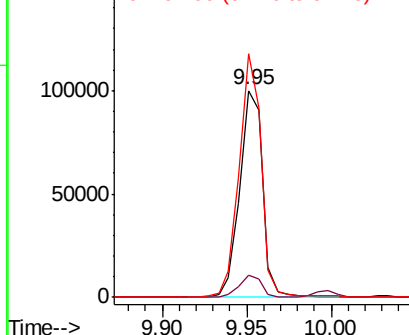
Tot Ion:138 Resp: 94843
Ion Ratio Lower Upper
138 100
108 10.8 8.7 13.1
92 117.6 97.0 145.4

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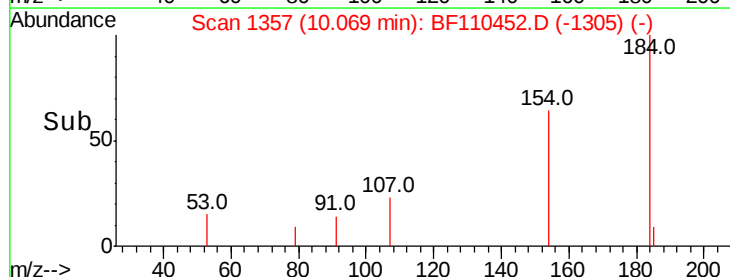
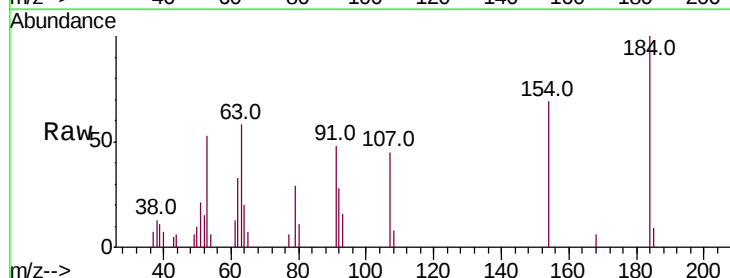
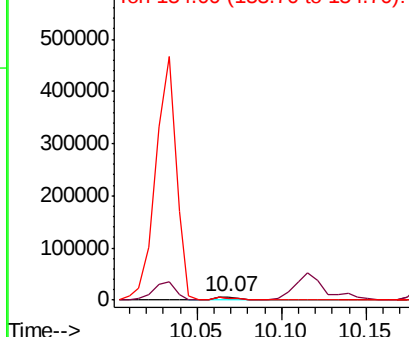
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

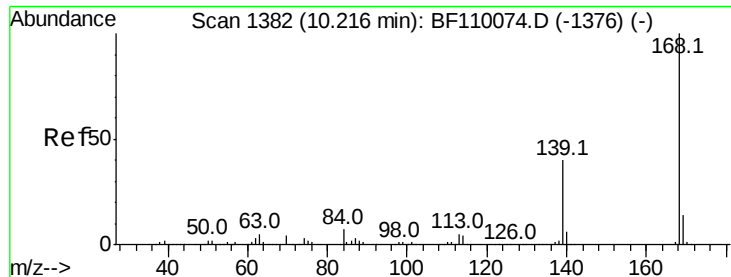


#54
2,4-Dinitrophenol
Concen: 14.515 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Tgt Ion:184 Resp: 8491
Ion Ratio Lower Upper
184 100
63 58.3 55.8 83.6
154 68.5 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





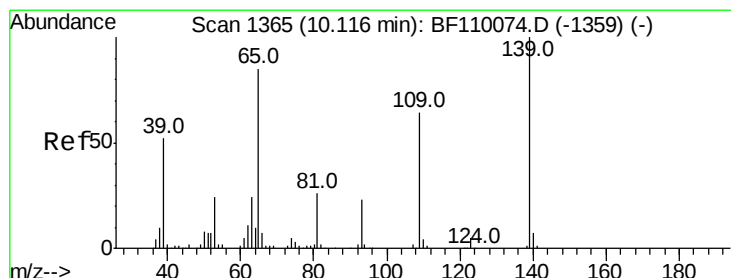
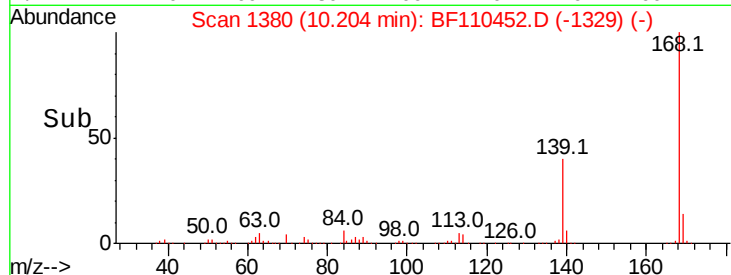
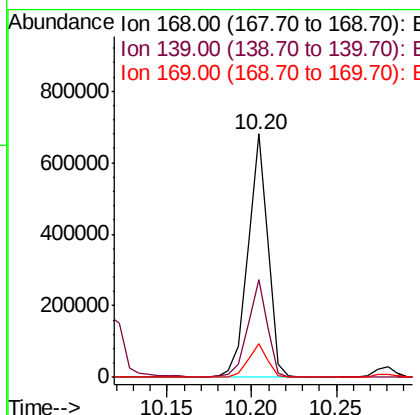
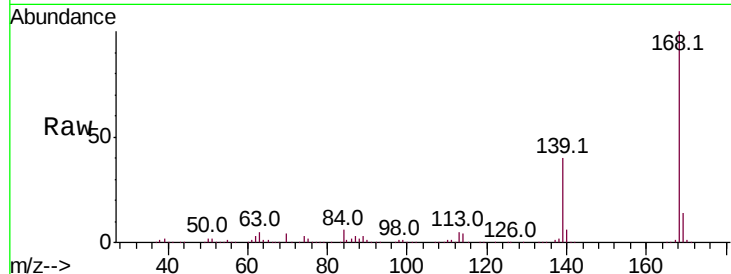
#55
Dibenzenofuran
Concen: 47.025 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB114423BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.1	33.0	49.6	
169	13.8	11.3	16.9	

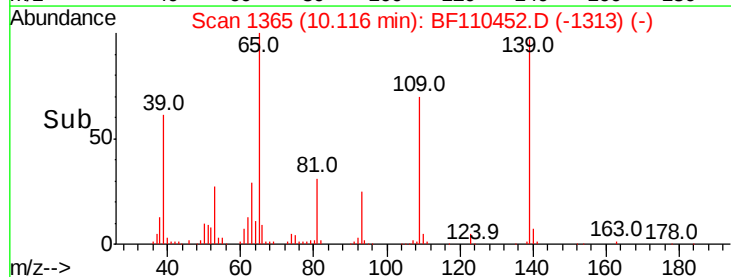
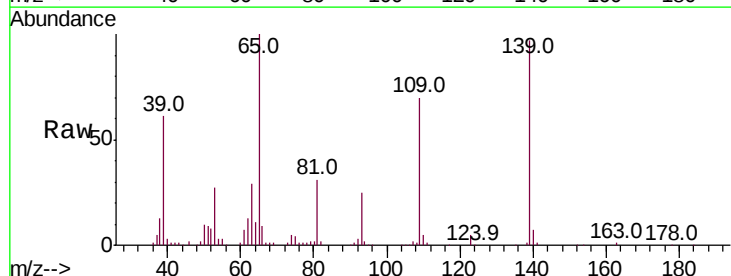
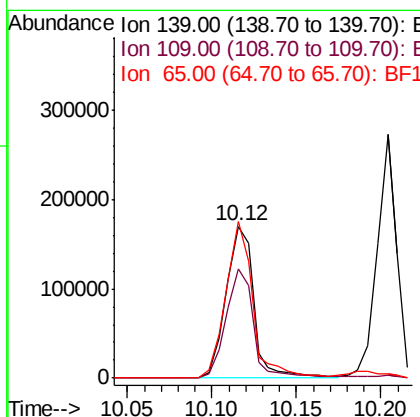
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#56
4-Nitrophenol
Concen: 103.191 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	72.3	55.8	95.8	
65	103.1	77.9	117.9	





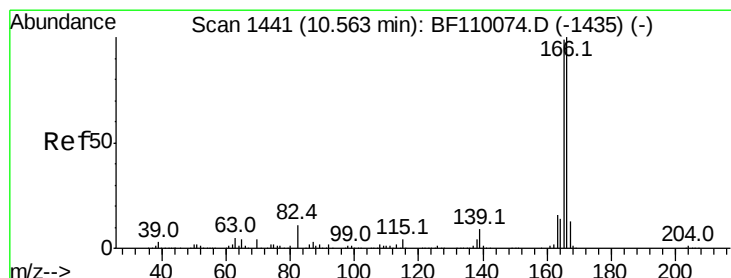
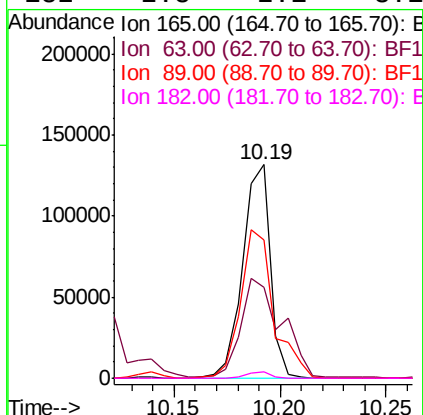
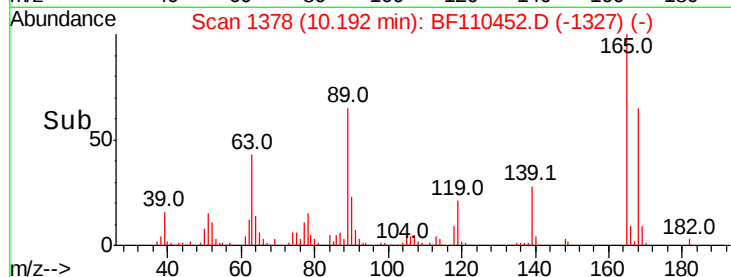
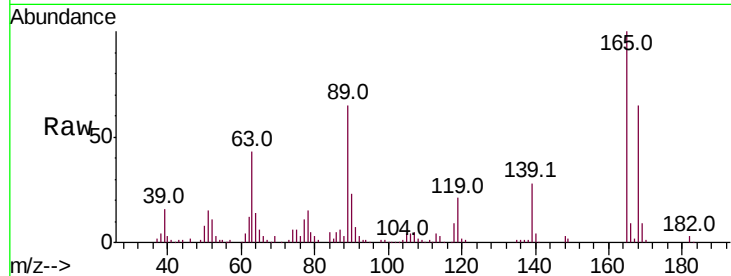
#57
2,4-Dinitrotoluene
Concen: 43.996 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB114423BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.8	44.8	67.2#
89	65.0	62.2	93.4
182	2.8	2.1	3.1

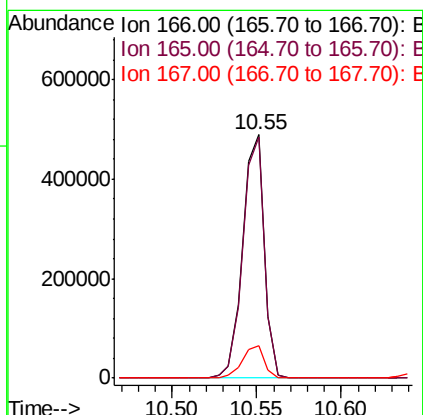
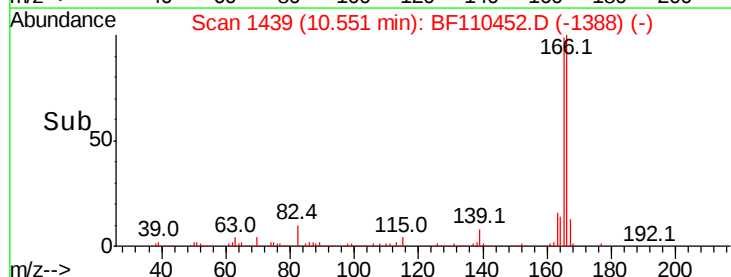
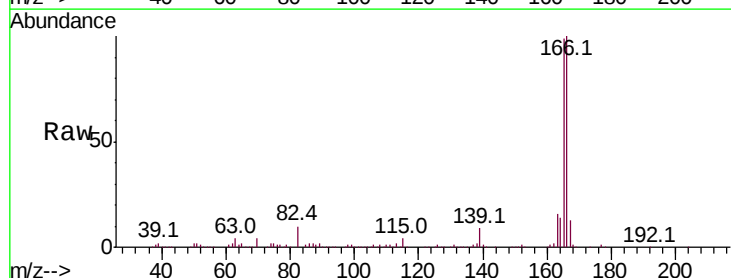
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#58
Fluorene
Concen: 49.079 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.6	117.8
167	13.2	10.8	16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.098 ng

RT: 10.32 min Scan# 1400

Delta R.T. 0.00 min

Lab File: BF110452.D

Acq: 3 Nov 2018 10:47

Instrument :

BNA_F

ClientSampleId :

PB114423BSD

Tot Ion:232 Resp: 102878

Ion Ratio Lower Upper

232 100

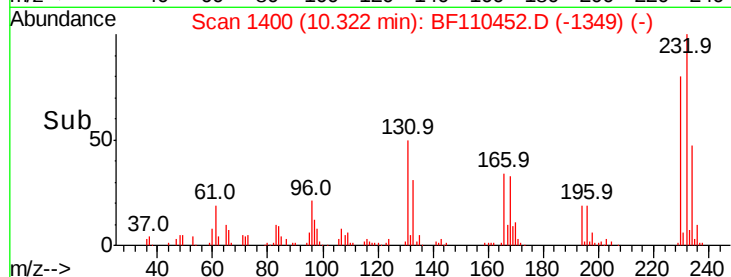
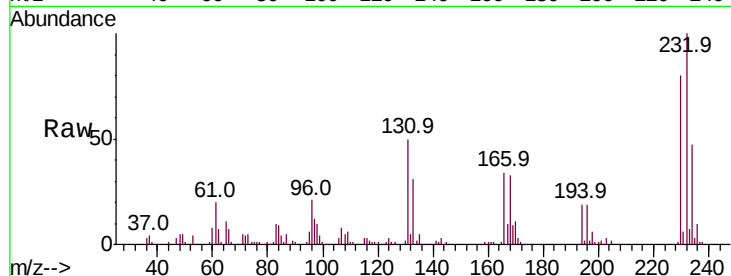
131 47.0 37.0 55.4

130 2.3 1.8 2.6

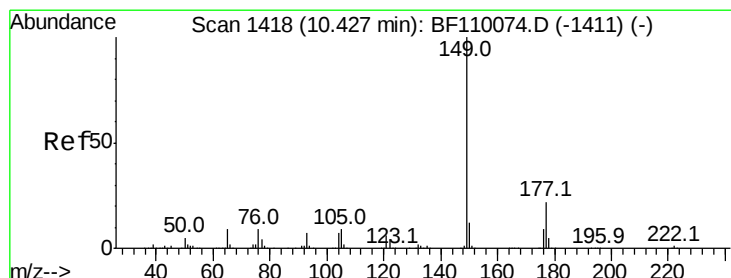
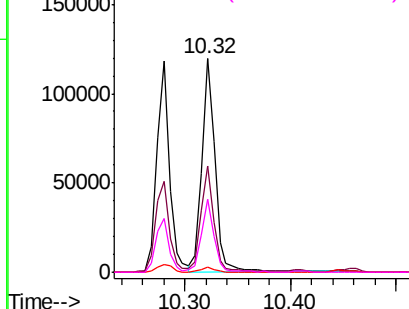
166 33.2 22.0 33.0#

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



#60

Diethylphthalate

Concen: 51.131 ng

RT: 10.41 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BF110452.D

Acq: 3 Nov 2018 10:47

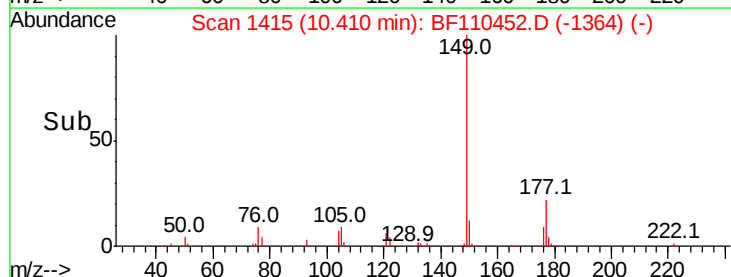
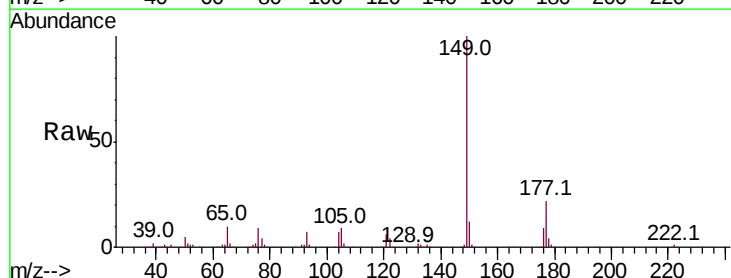
Tgt Ion:149 Resp: 496435

Ion Ratio Lower Upper

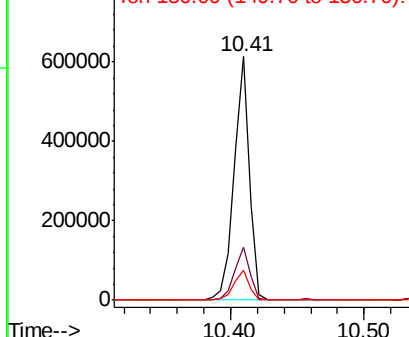
149 100

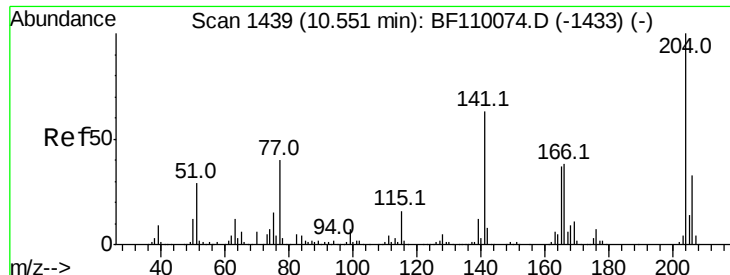
177 21.8 17.4 26.2

150 12.3 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





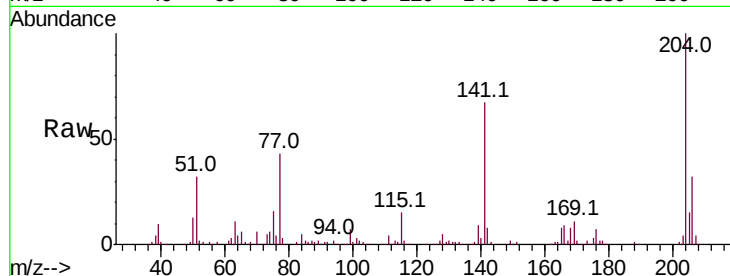
#61
4-Chlorophenyl-phenylether
Concen: 46.060 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB114423BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.5	39.7
141	66.6	51.8	77.8

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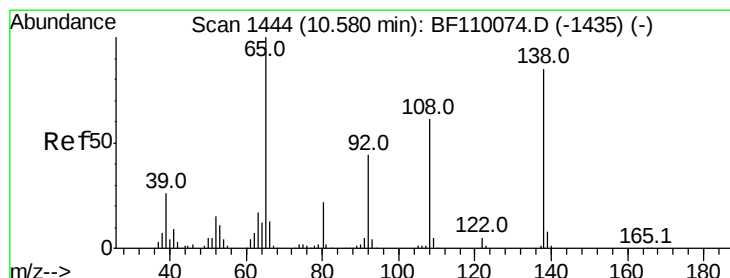
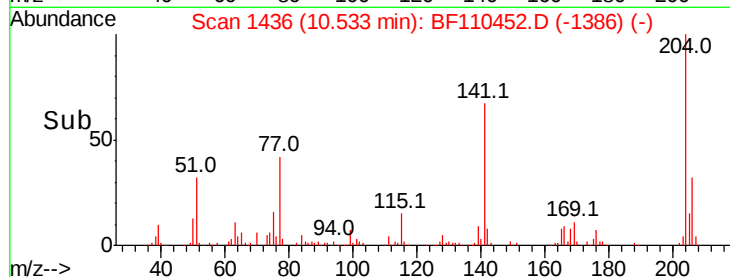
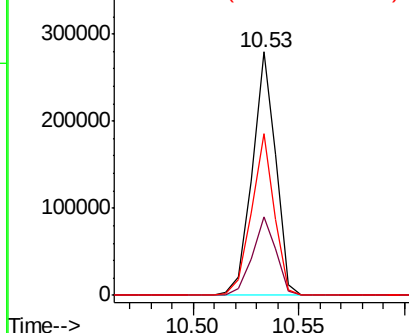


Abundance

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: 42.373 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

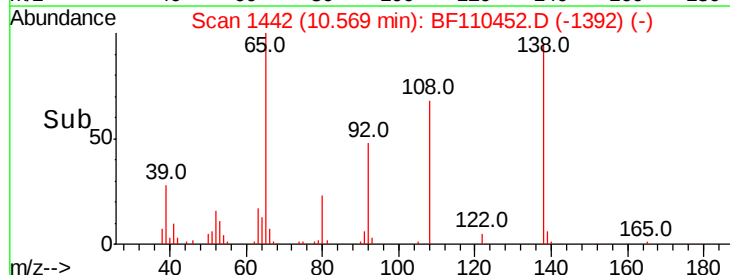
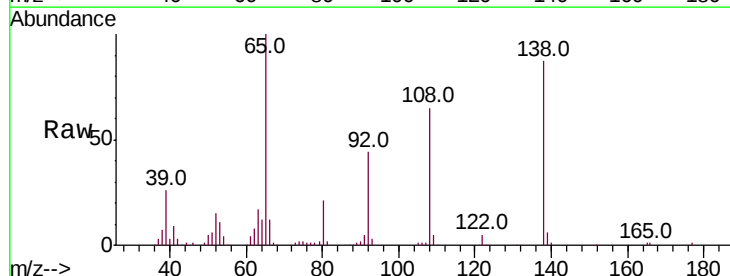
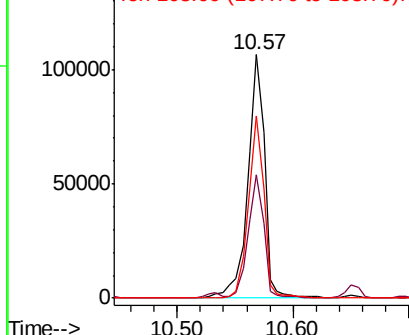
Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.6	31.7	71.7
108	74.7	59.3	99.3

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





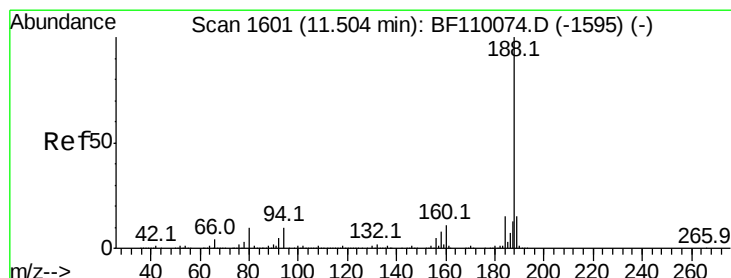
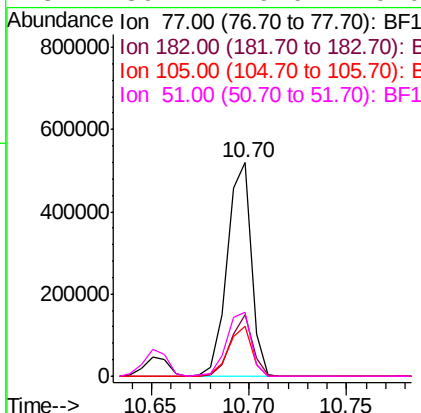
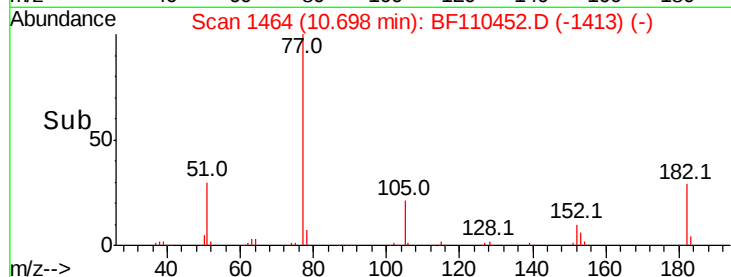
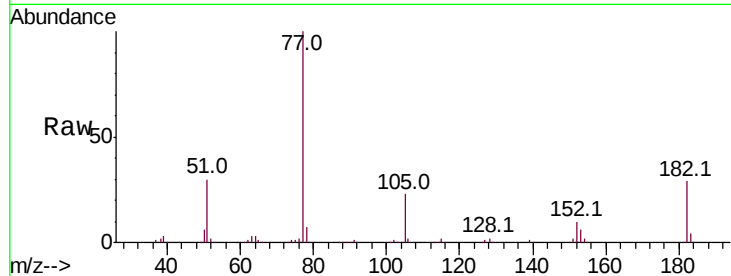
#63
Azobenzene
Concen: 46.385 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB114423BSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	28.9	4.3	44.3	
105	23.4	1.3	41.3	
51	30.1	9.0	49.0	

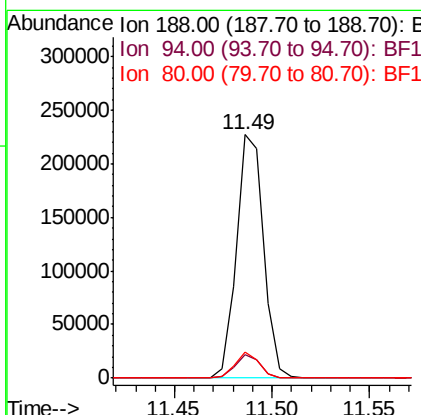
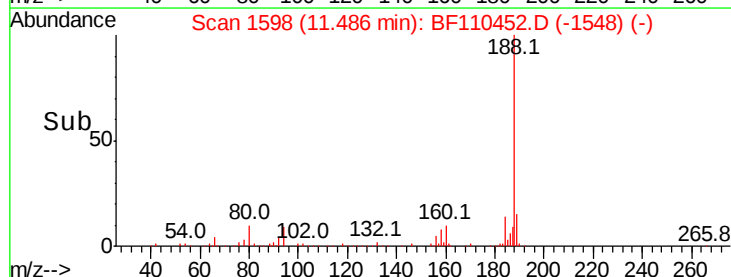
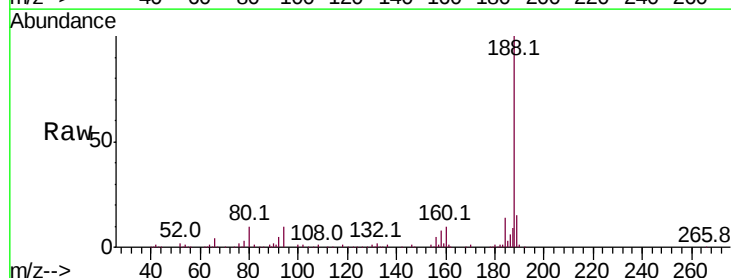
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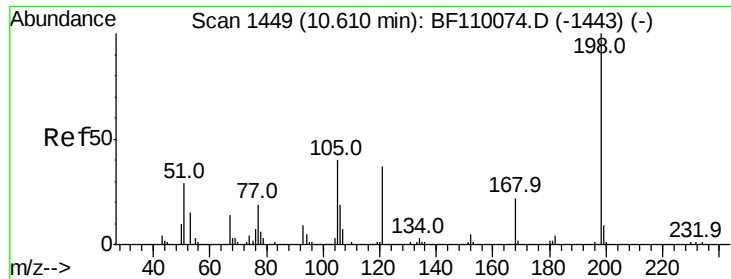
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.5	7.2	10.8	
80	10.4	7.9	11.9	





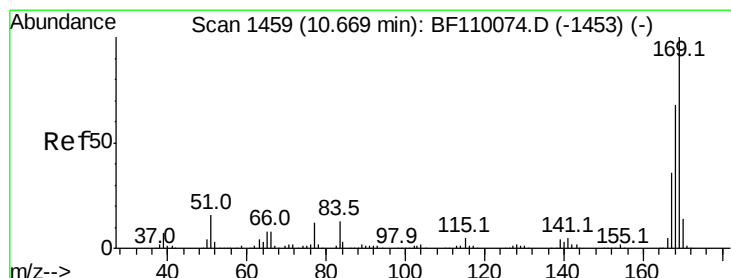
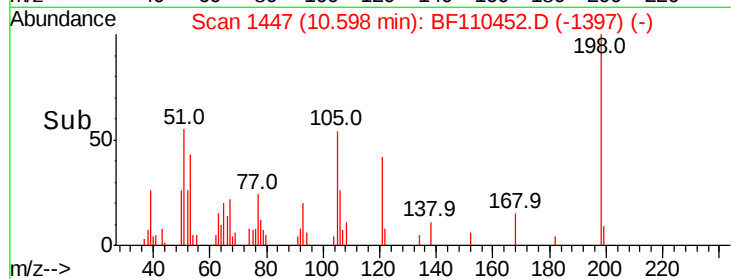
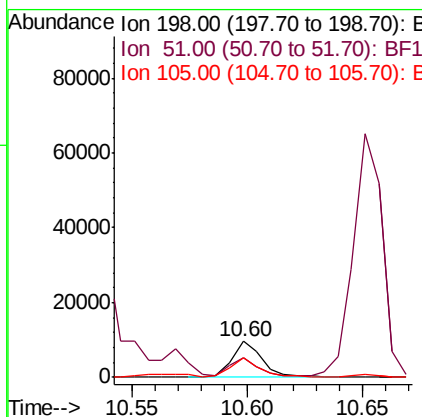
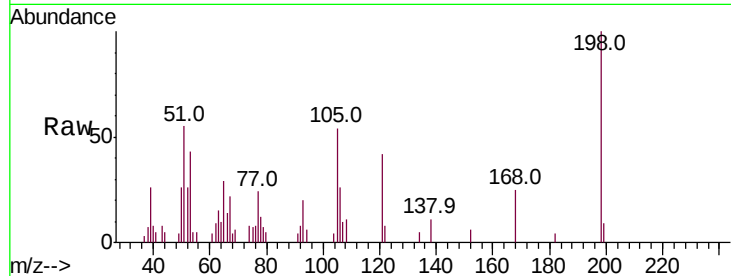
#65
4,6-Dinitro-2-methylphenol
Concen: 8.741 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB114423BSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	54.8	22.8	62.8
105	53.7	23.6	63.6

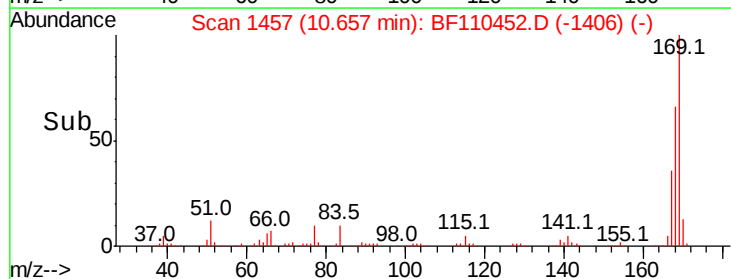
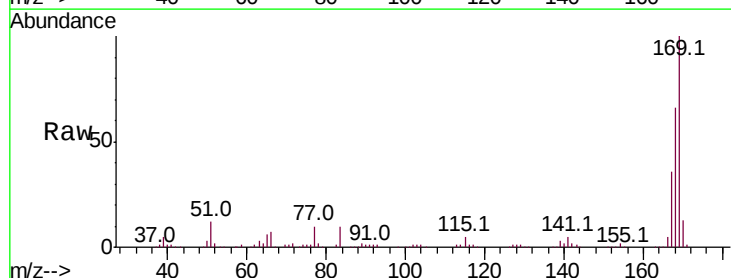
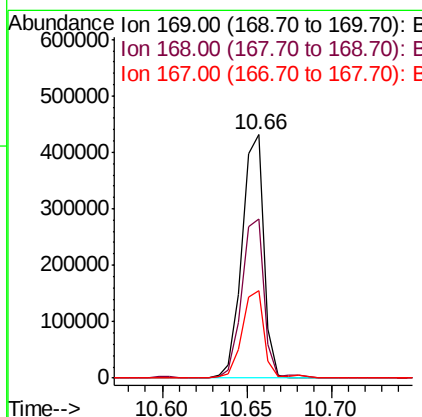
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#66
n-Nitrosodiphenylamine
Concen: 54.178 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.5	51.2	76.8
167	36.1	27.8	41.6





#67

4-Bromophenyl-phenylether

Concen: 50.486 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BF110452.D

Acq: 3 Nov 2018 10:47

Instrument :

BNA_F

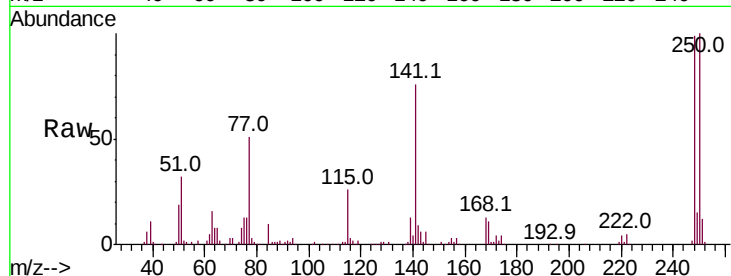
ClientSampleId :

PB114423BSD

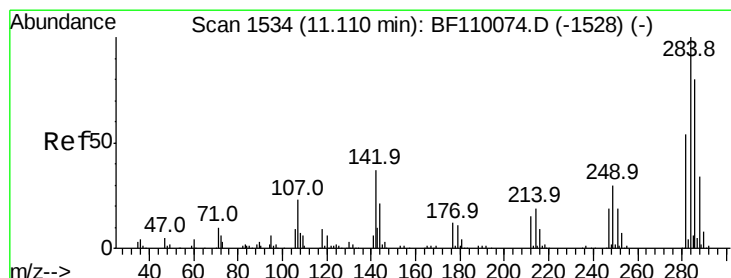
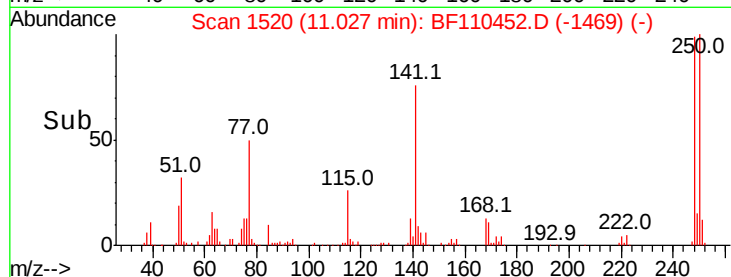
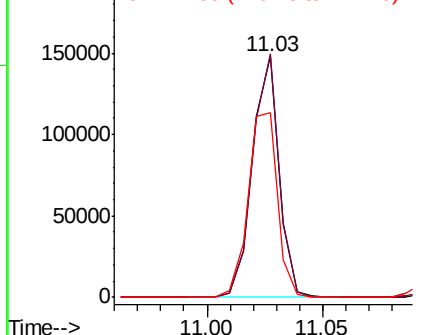
Tot Ion:	248	Resp:	119914
Ion Ratio	Lower	Upper	
248	100		
250	101.0	79.4	119.2
141	76.7	55.9	83.9

Manual Integrations
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Abundance Ion 248.00 (247.70 to 248.70): E
200000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 48.941 ng

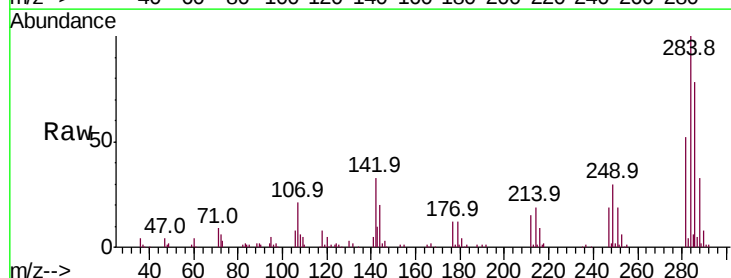
RT: 11.10 min Scan# 1532

Delta R.T. 0.00 min

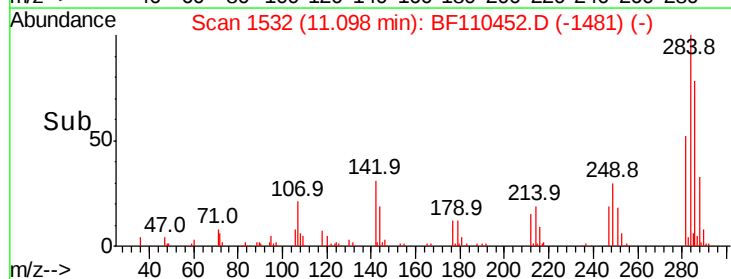
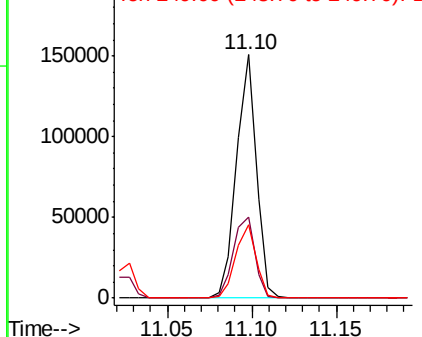
Lab File: BF110452.D

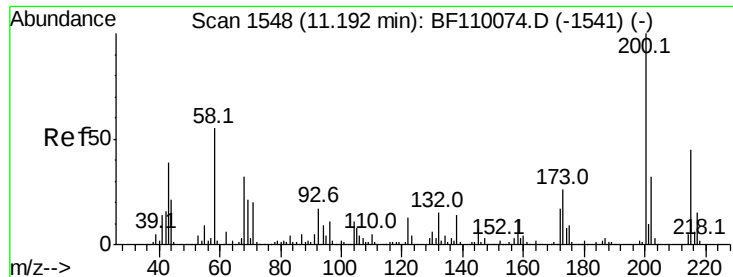
Acq: 3 Nov 2018 10:47

Tgt Ion:	284	Resp:	123338
Ion Ratio	Lower	Upper	
284	100		
142	33.1	23.9	35.9
249	30.2	24.2	36.2



Abundance Ion 283.80 (283.50 to 284.50): E
200000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





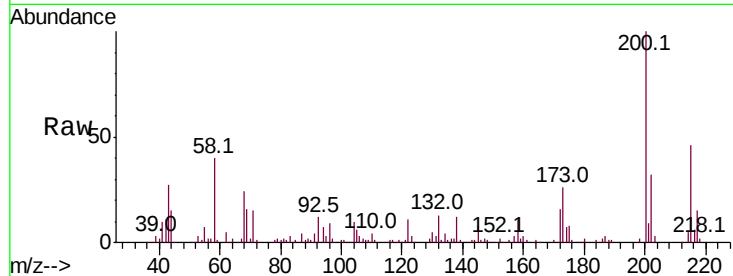
#69
Atrazine
Concen: 54.737 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB114423BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.6	46.6
215	46.3	26.3	66.3

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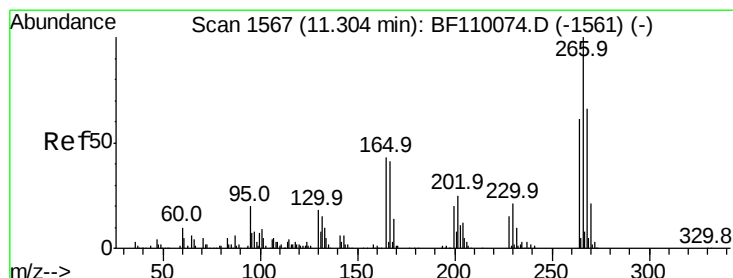
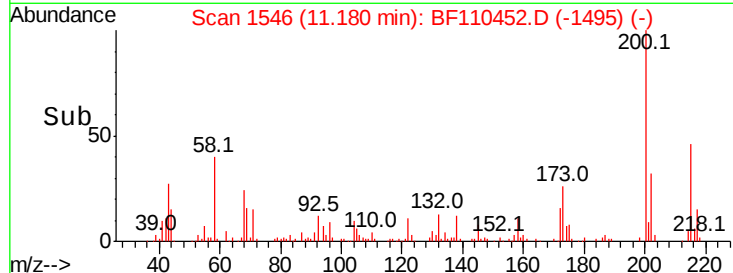
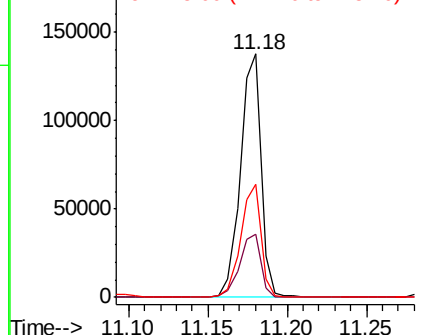


Abundance

Ion 200.00 (199.70 to 200.70): E

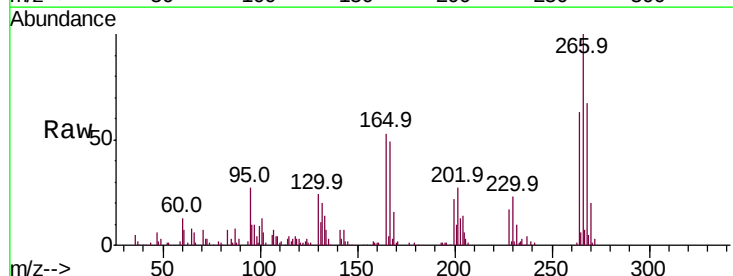
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 64.941 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.5	50.6	75.8
264	63.0	50.6	75.8

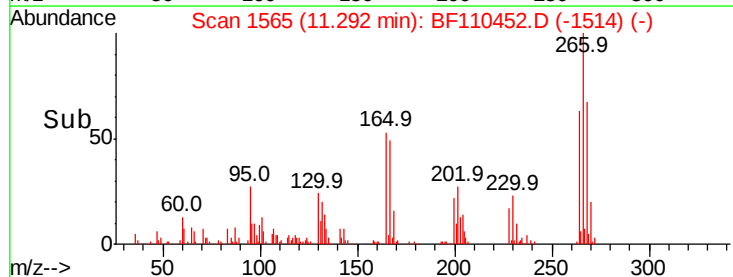
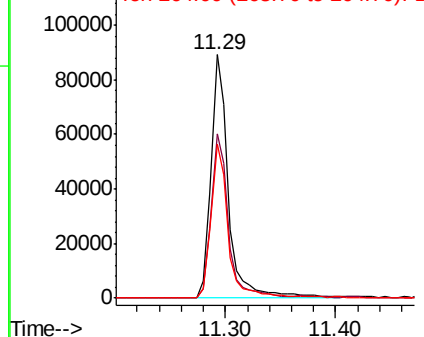


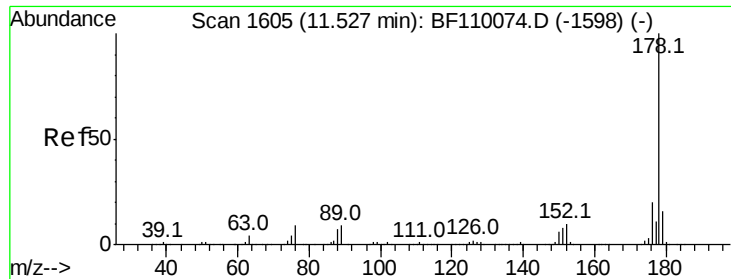
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





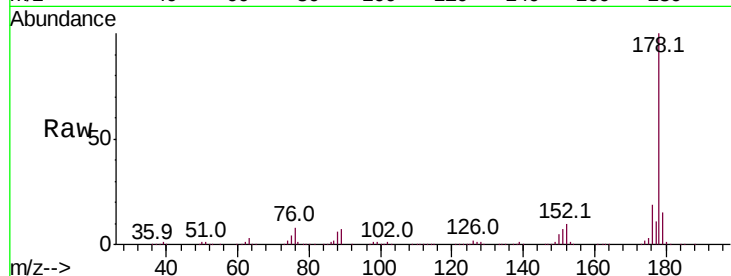
#71
Phenanthrene
Concen: 51.086 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB114423BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.4	12.5	18.7

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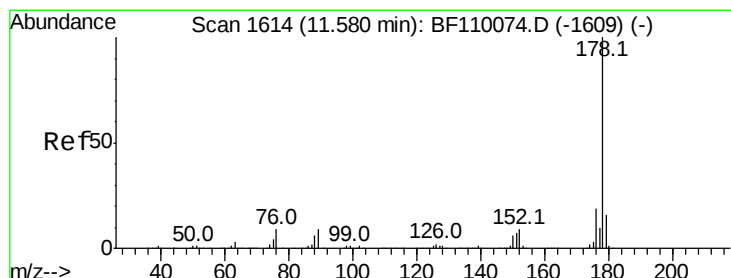
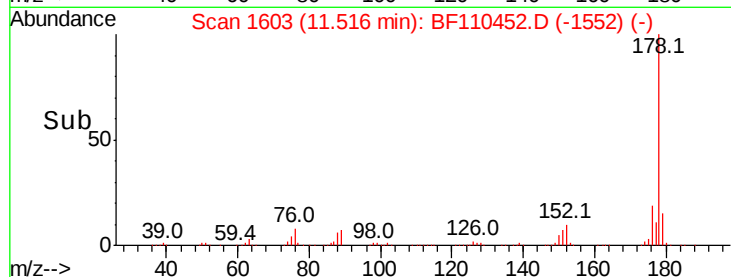
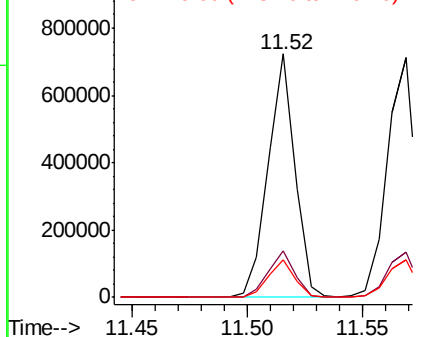


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 53.673 ng
RT: 11.57 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

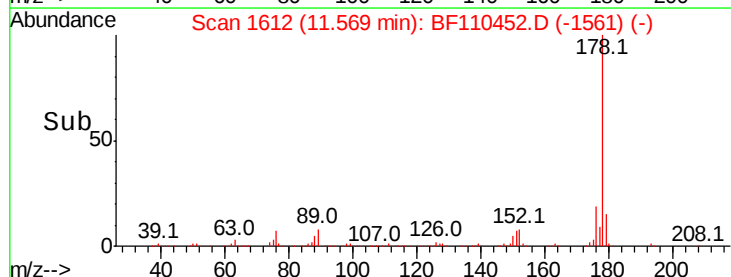
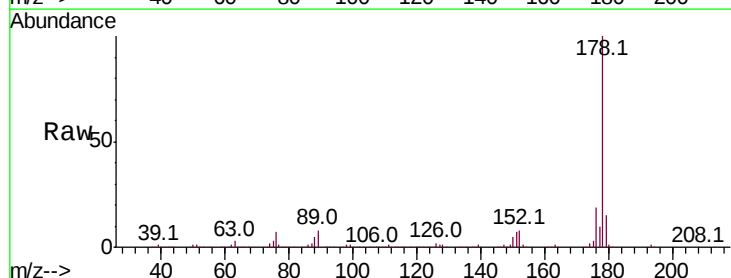
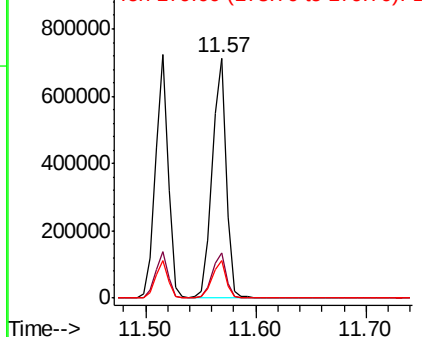
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.4	12.6	18.8

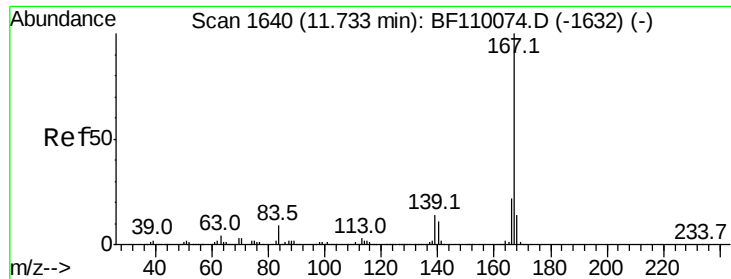
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





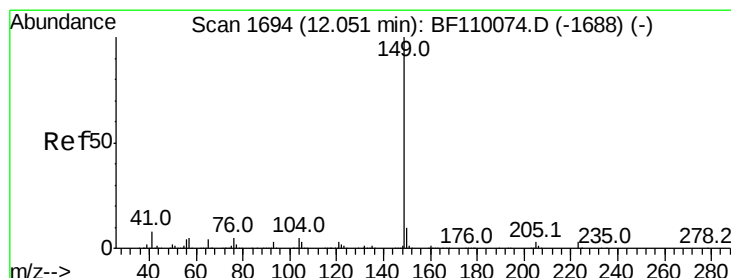
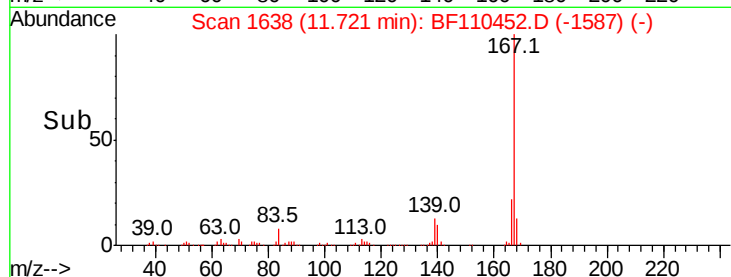
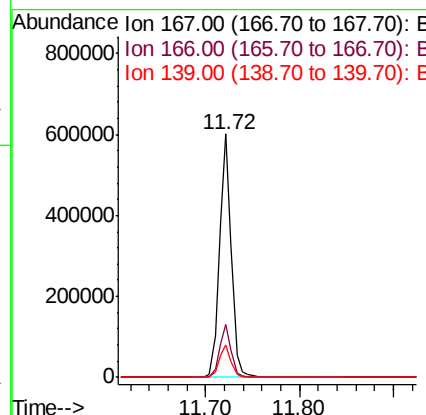
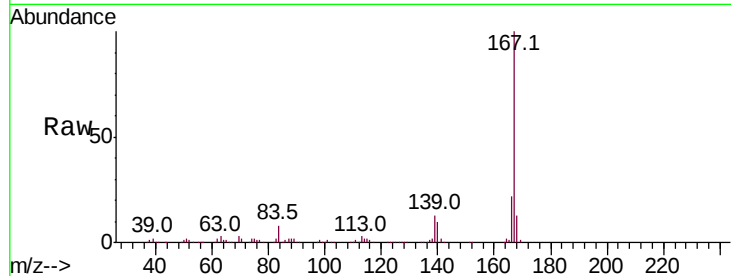
#73
 Carbazole
 Concen: 47.548 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF110452.D
 Acq: 3 Nov 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 PB114423BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	13.3	10.9	16.3

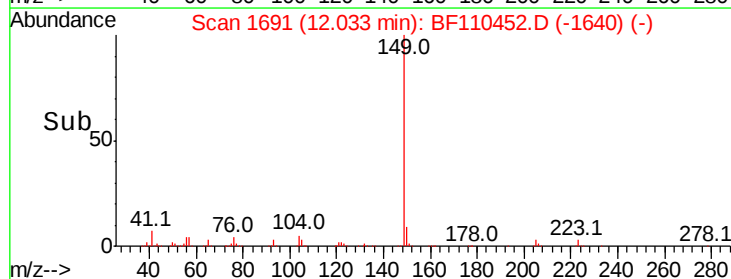
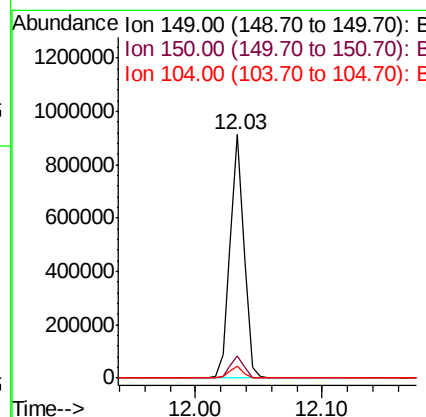
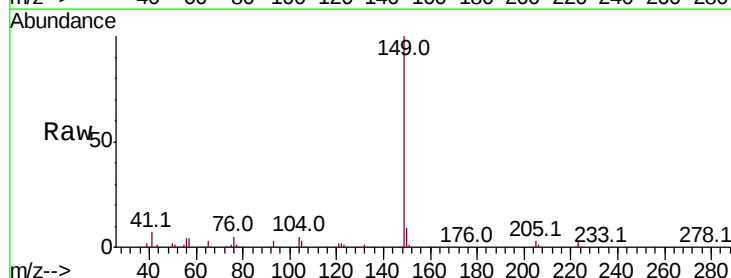
Manual Integrations
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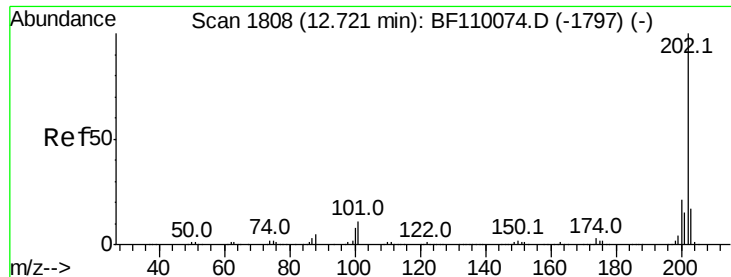
Sohil
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#74
 Di-n-butylphthalate
 Concen: 55.231 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BF110452.D
 Acq: 3 Nov 2018 10:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	4.8	4.2	6.4





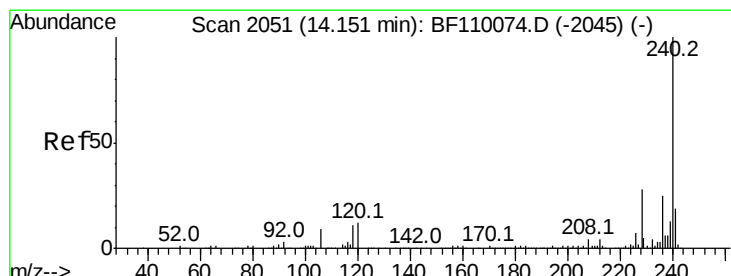
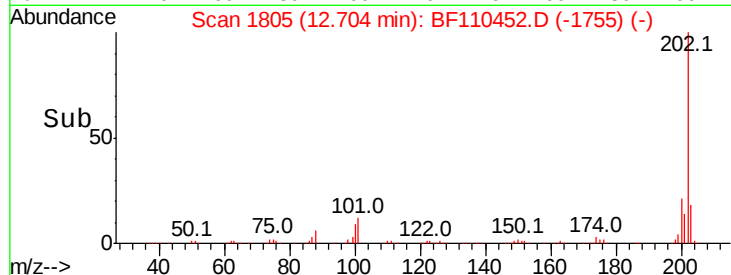
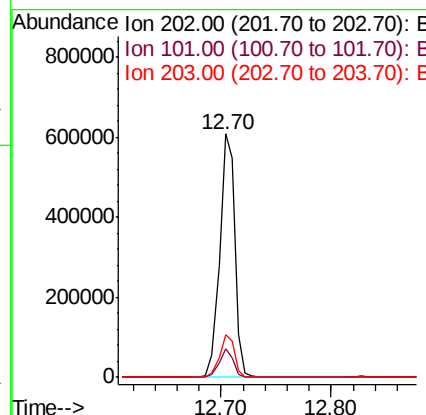
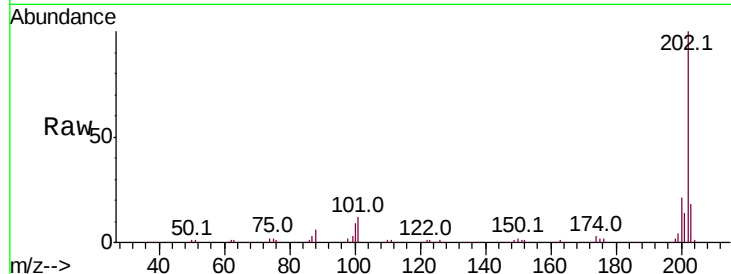
#75
 Fluoranthene
 Concen: 49.397 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BF110452.D
 Acq: 3 Nov 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 PB114423BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.9	0.0	31.4
203	17.6	0.0	37.7

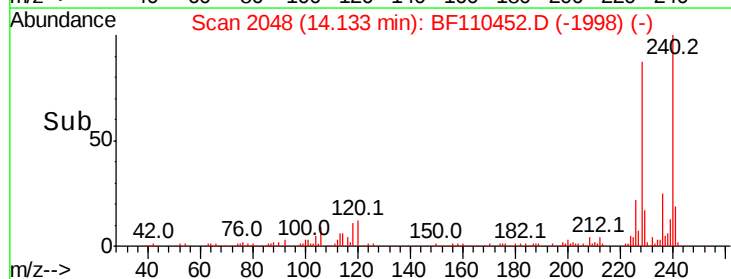
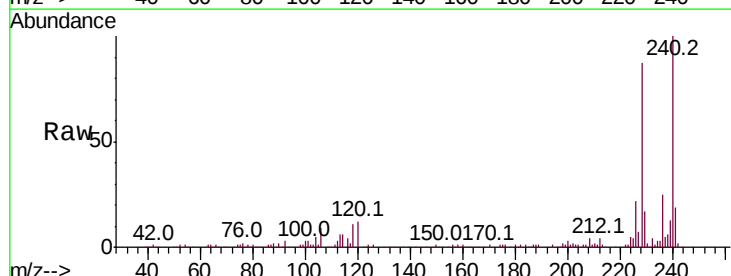
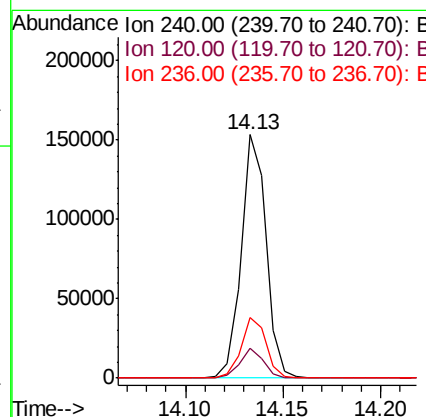
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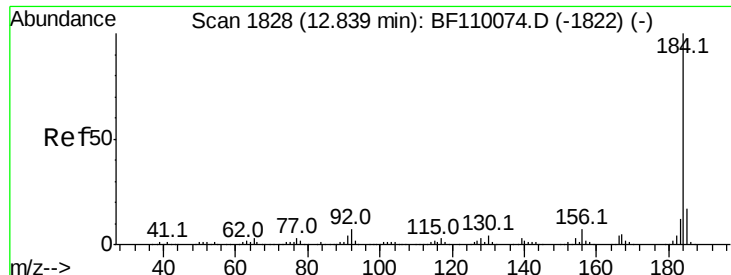
Sohil
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110452.D
 Acq: 3 Nov 2018 10:47

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.4	8.3	12.5
236	24.8	21.2	31.8





#77

Benzidine

Concen: Below Cal

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF110452.D

Acq: 3 Nov 2018 10:47

Instrument :

BNA_F

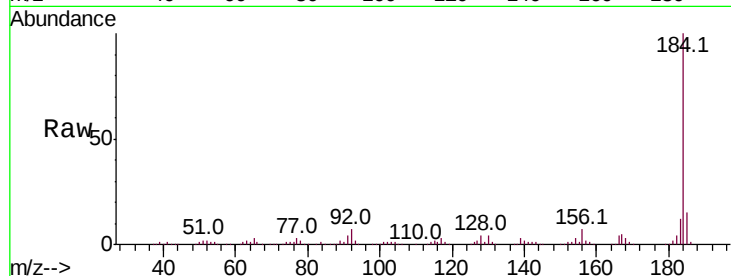
ClientSampleId :

PB114423BSD

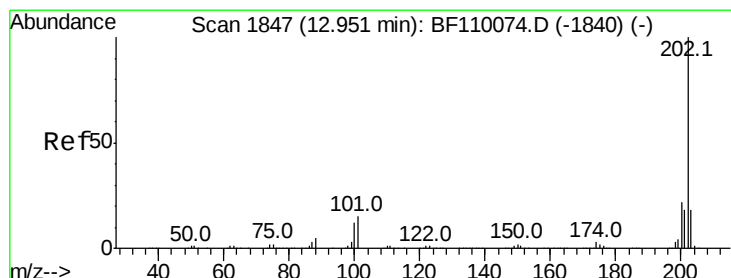
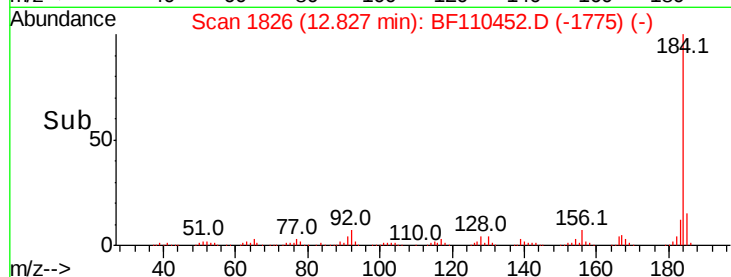
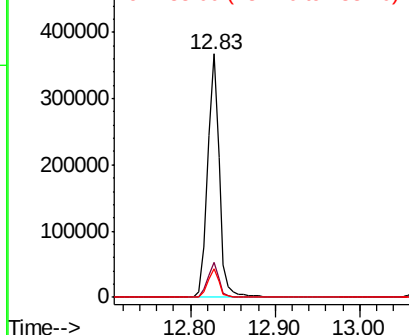
Tot Ion:	184	Resp:	355588
Ion Ratio	Lower	Upper	
184	100		
185	14.6	13.4	20.2
183	12.0	9.4	14.2

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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: 57.479 ng

RT: 12.94 min Scan# 1845

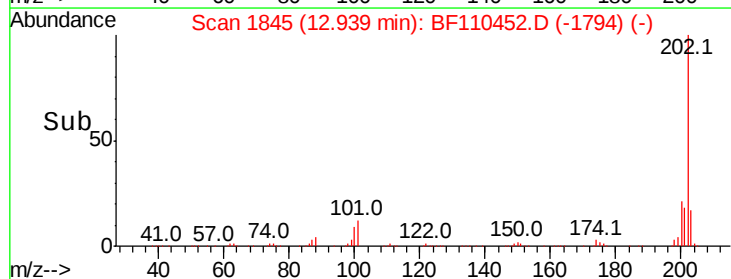
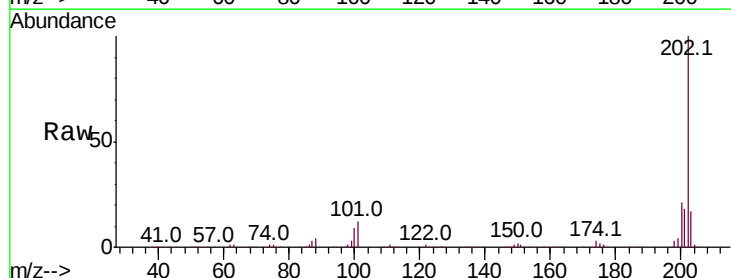
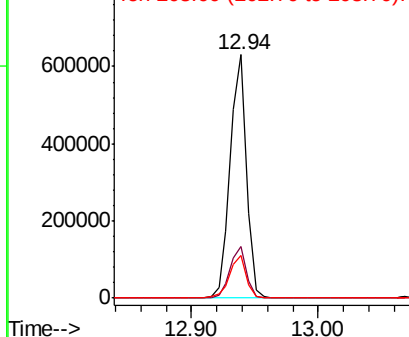
Delta R.T. 0.00 min

Lab File: BF110452.D

Acq: 3 Nov 2018 10:47

Tgt Ion:	202	Resp:	558022
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.8	26.6
203	17.4	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





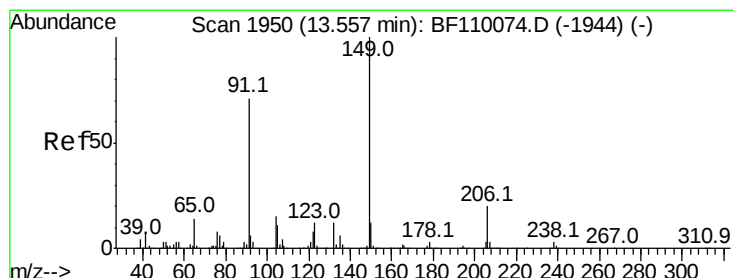
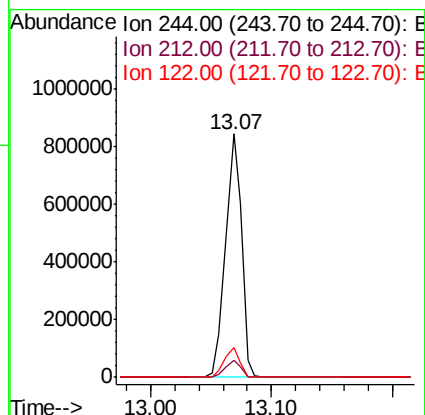
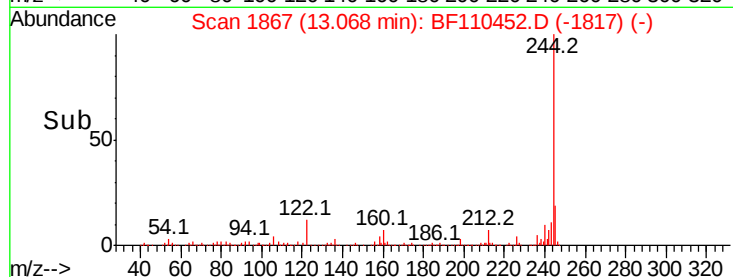
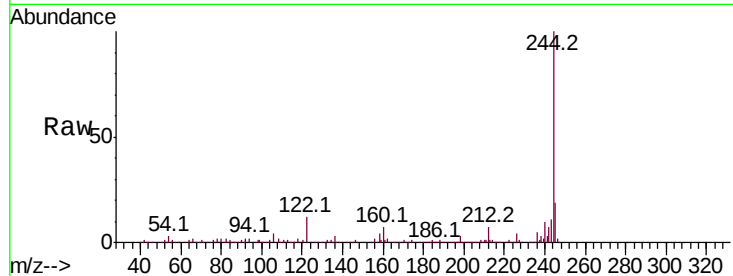
#79
 Terphenyl-d14
 Concen: 118.110 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110452.D
 Acq: 3 Nov 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 PB114423BSD

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.9	5.8	8.8	
122	12.2	8.7	13.1	

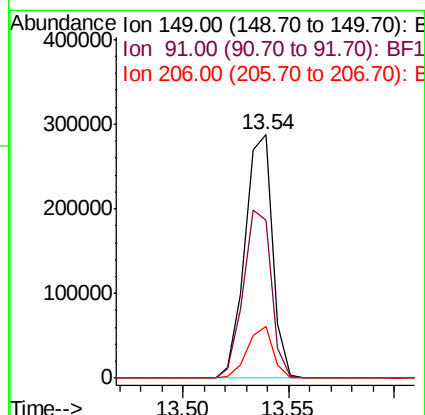
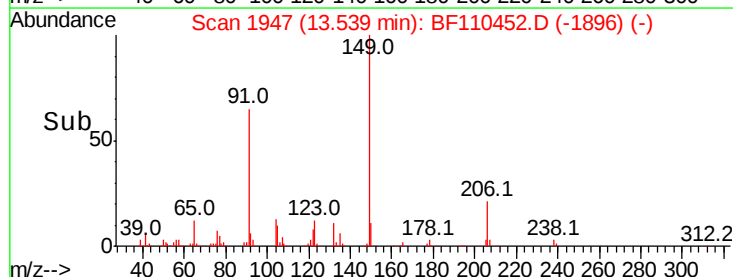
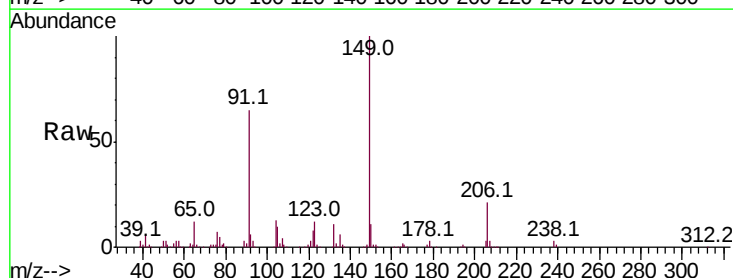
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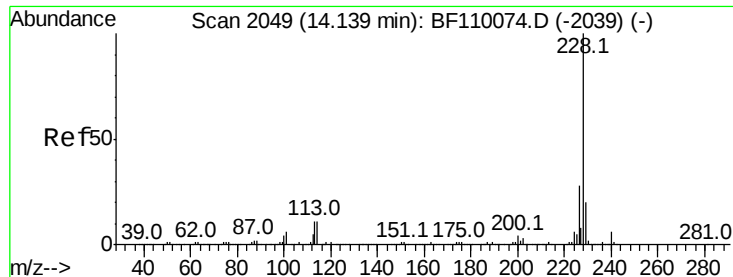
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#80
 Butylbenzylphthalate
 Concen: 61.982 ng
 RT: 13.54 min Scan# 1947
 Delta R.T. 0.00 min
 Lab File: BF110452.D
 Acq: 3 Nov 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	64.8	57.2	85.8	
206	21.0	15.7	23.5	





#81

Benzo(a)anthracene

Concen: 52.576 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110452.D

Acq: 3 Nov 2018 10:47

Instrument :

BNA_F

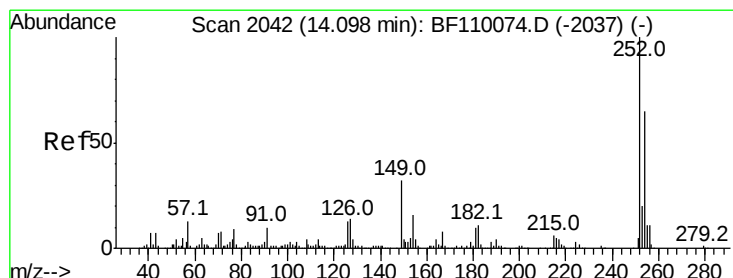
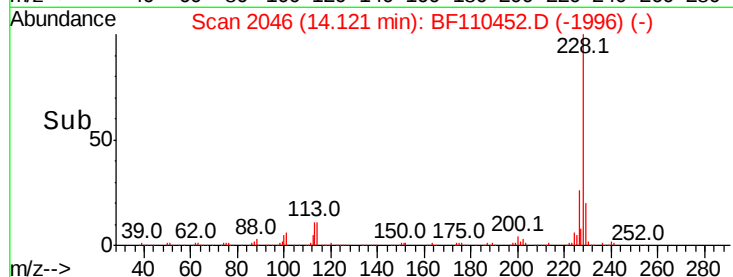
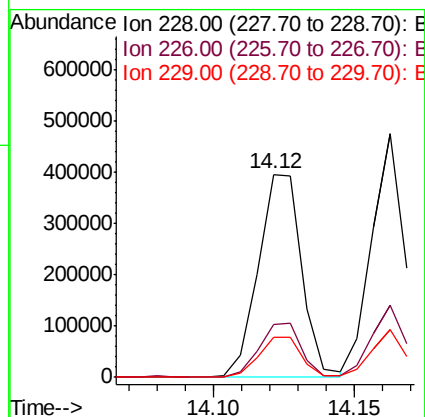
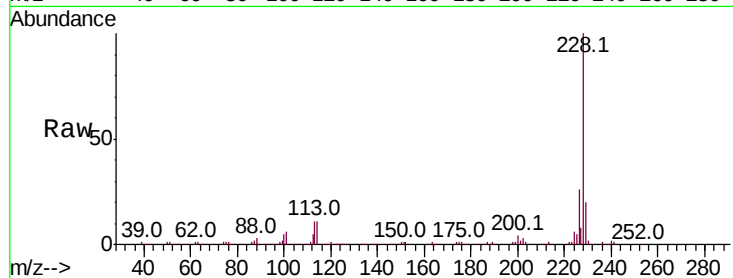
ClientSampleId :

PB114423BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.1	33.1
229	19.9	15.6	23.4

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#82

3,3'-Dichlorobenzidine

Concen: 45.882 ng

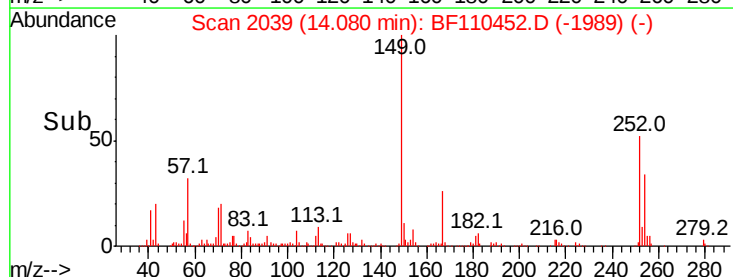
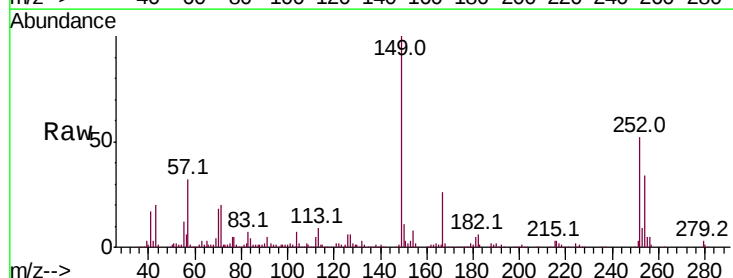
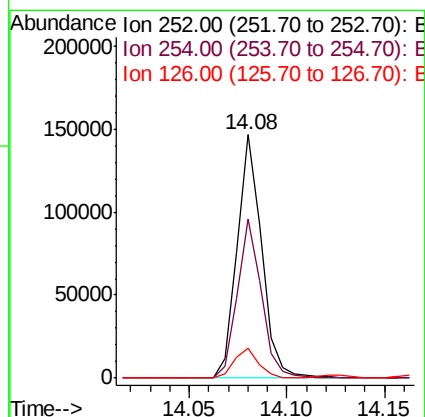
RT: 14.08 min Scan# 2039

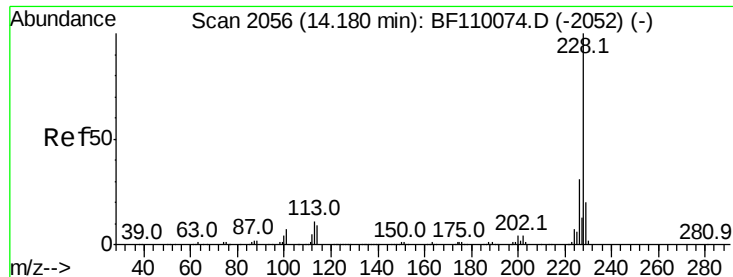
Delta R.T. -0.01 min

Lab File: BF110452.D

Acq: 3 Nov 2018 10:47

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.3	76.9
126	12.3	9.4	14.2





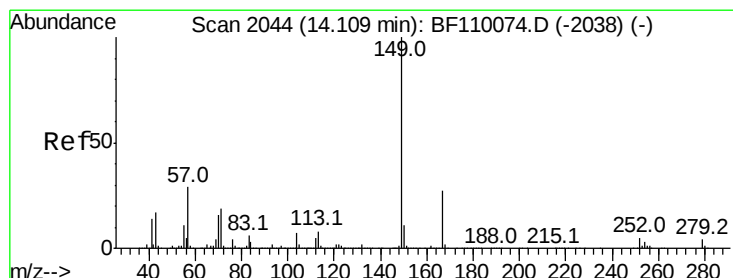
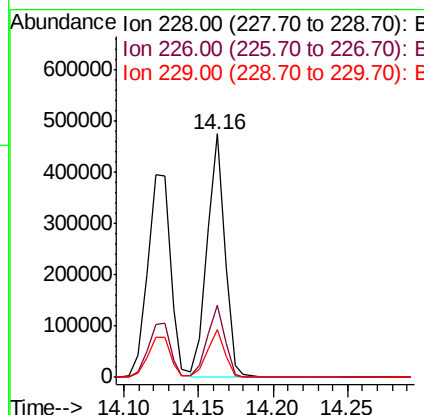
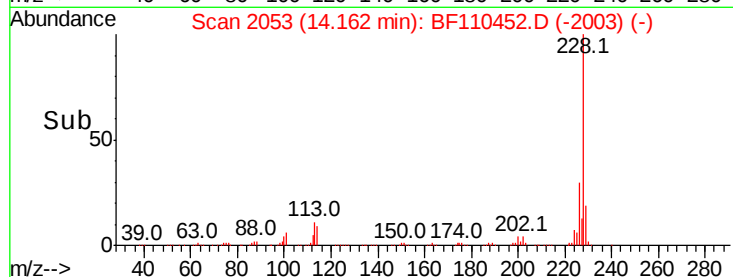
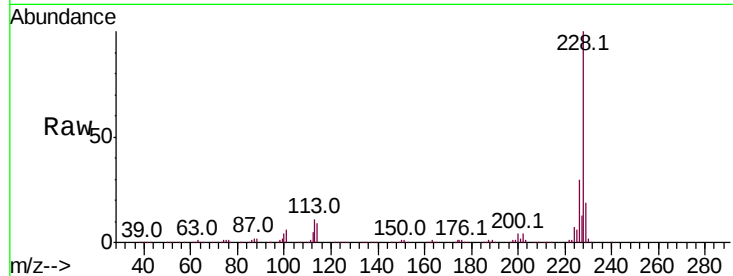
#83
 Chrysene
 Concen: 50.623 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF110452.D
 Acq: 3 Nov 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 PB114423BSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.8	24.7	37.1	
229	19.4	15.9	23.9	

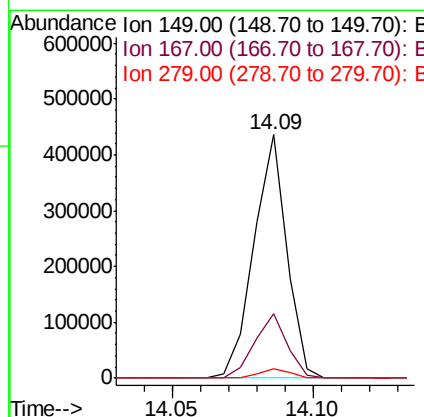
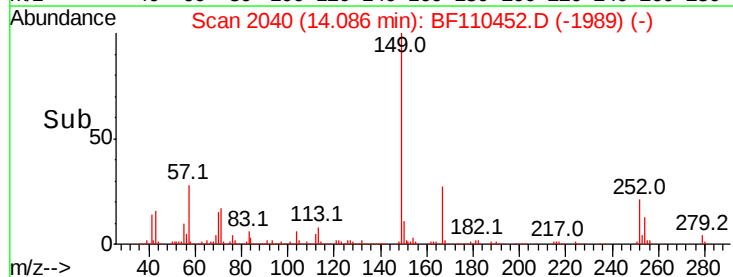
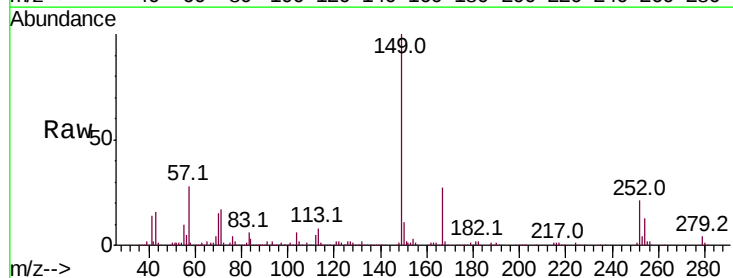
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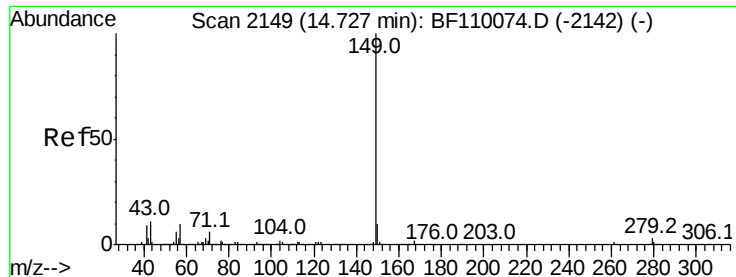
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 61.944 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF110452.D
 Acq: 3 Nov 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.6	19.8	29.8	
279	3.8	2.7	4.1	





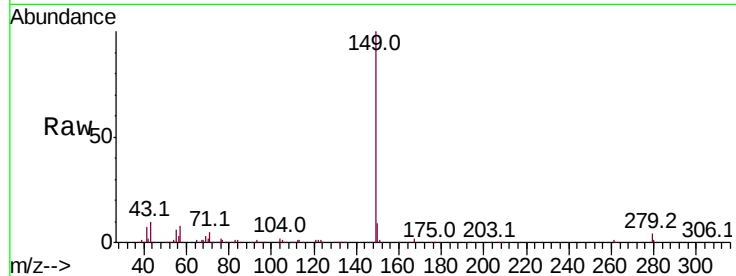
#85
Di-n-octyl phthalate
Concen: 60.776 ng
RT: 14.70 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB114423BSD

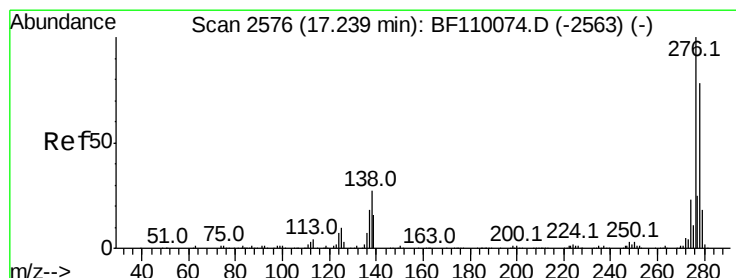
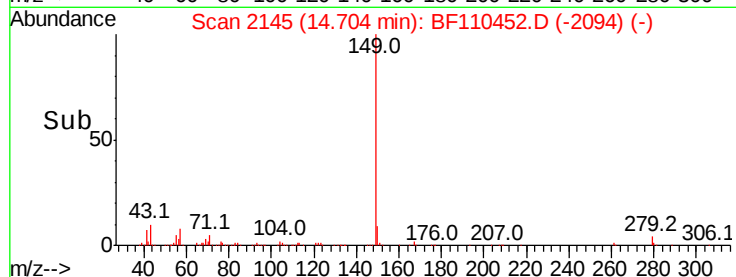
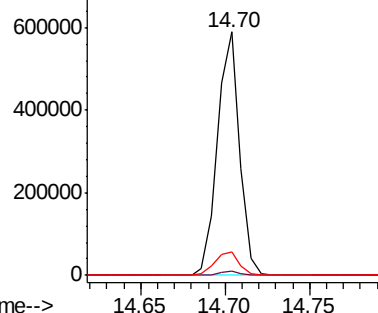
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.1	1.7	
43	10.2	7.8	11.8	

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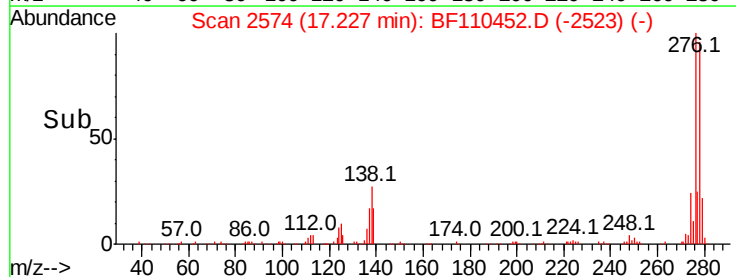
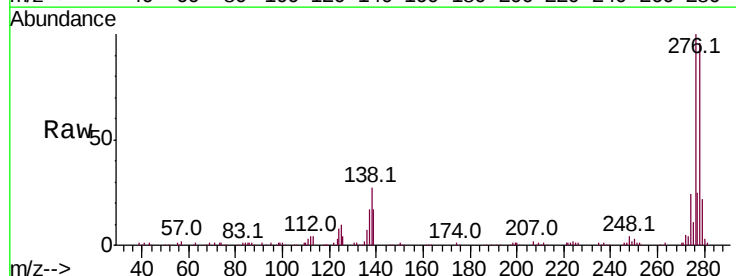
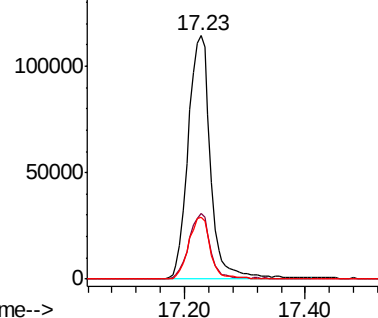
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

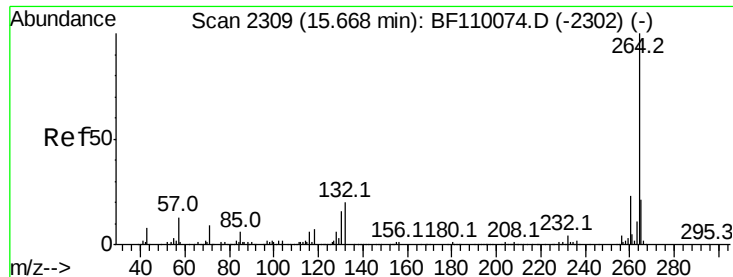


#86
Indeno(1,2,3-cd)pyrene
Concen: 46.717 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	25.7	18.5	27.7	
277	24.6	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





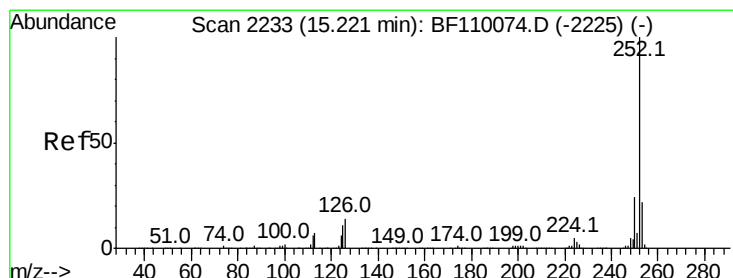
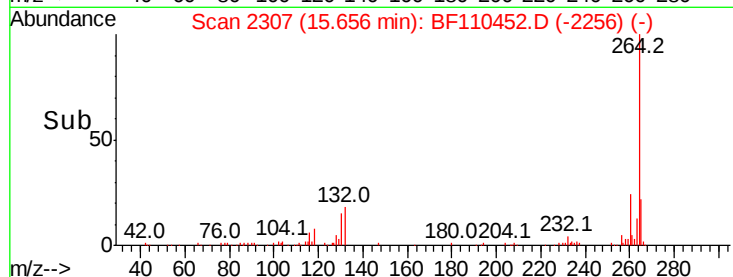
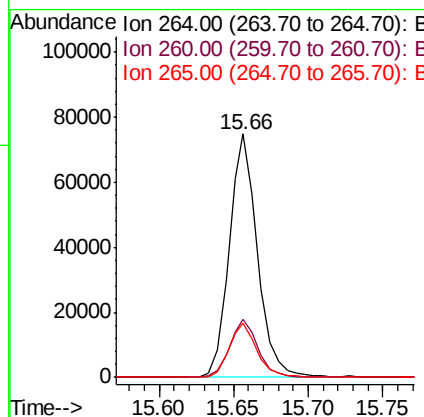
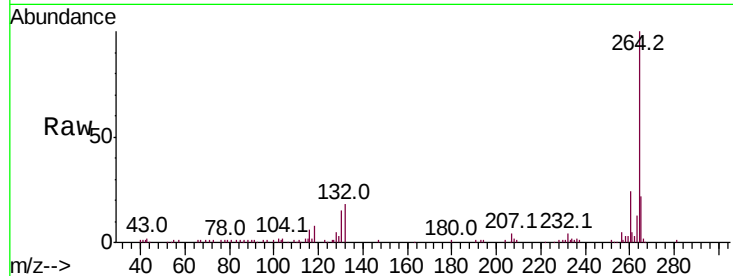
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Instrument :
BNA_F
ClientSampleID :
PB114423BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.5	16.7	25.1

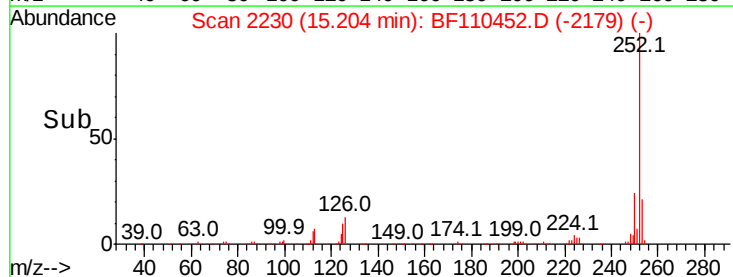
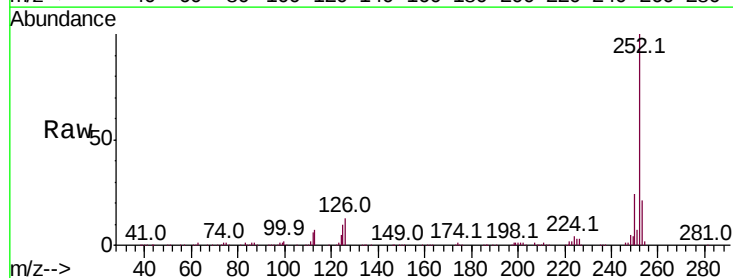
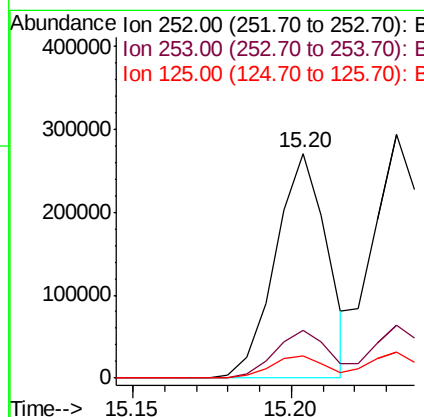
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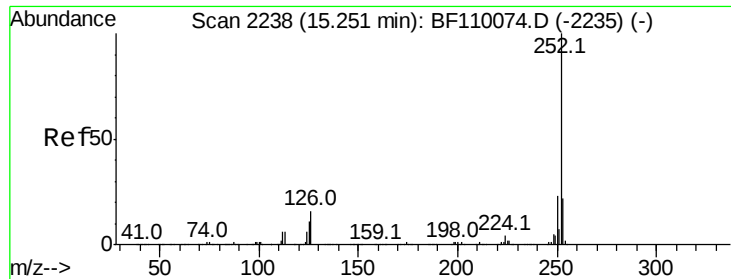
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#88
Benzo(b)fluoranthene
Concen: 53.711 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	10.0	8.2	12.4





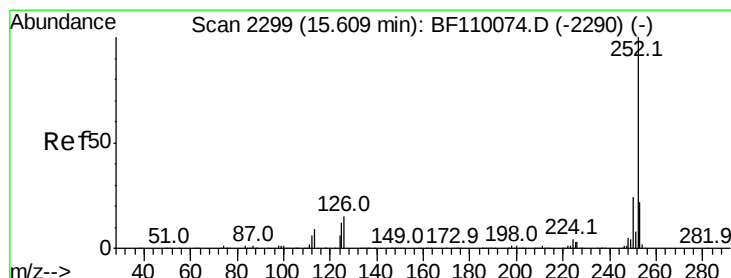
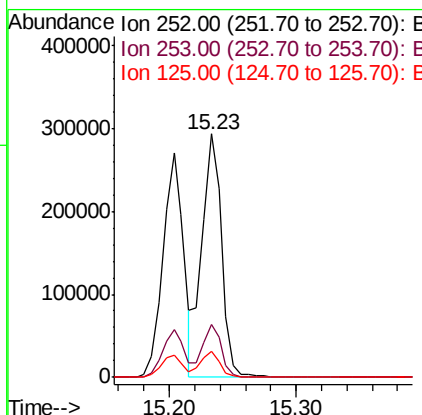
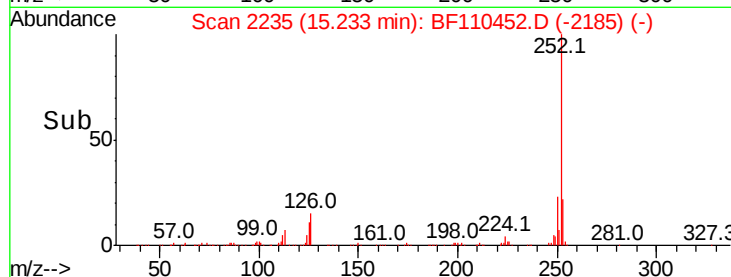
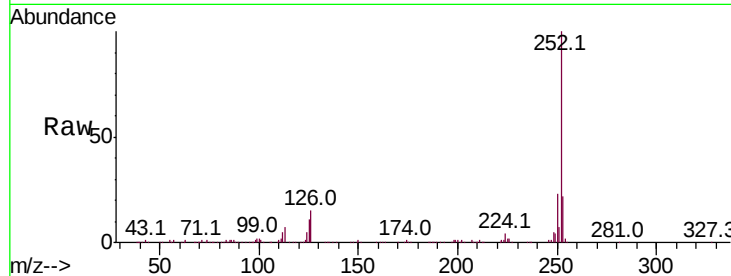
#89
Benzo(k)fluoranthene
Concen: 56.453 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB114423BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.7	7.4	11.0

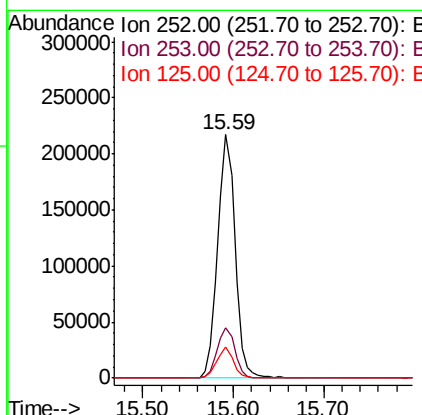
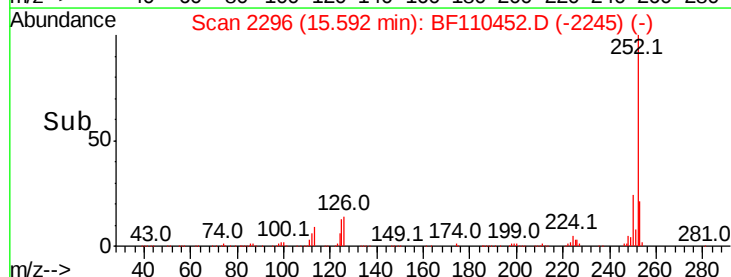
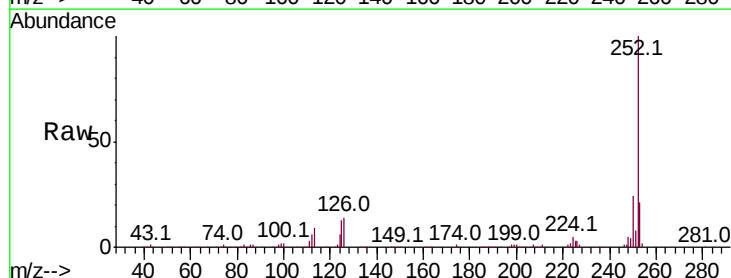
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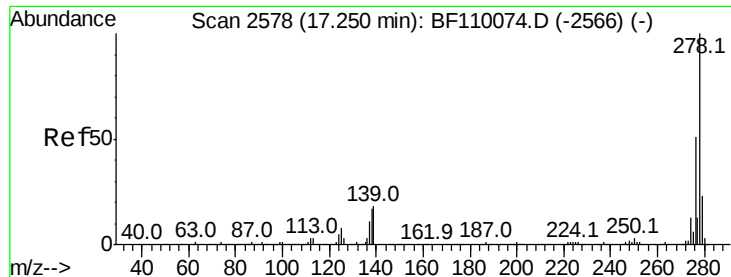
Sohil
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#90
Benzo(a)pyrene
Concen: 54.981 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	18.2	27.4
125	12.6	9.0	13.6





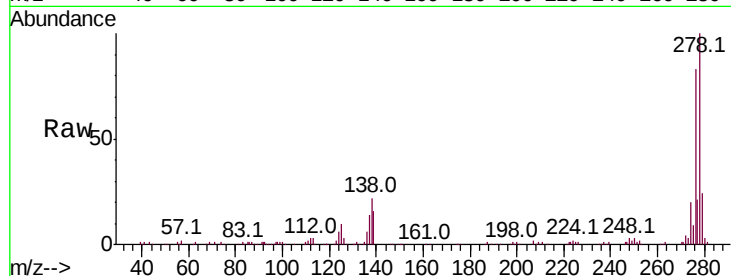
#91
Dibenzo(a,h)anthracene
Concen: 55.032 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Instrument :
BNA_F
ClientSampleId :
PB114423BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.7	19.1
279	24.4	19.0	28.4

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Sohil
11/5/2018 10:32:59 AM

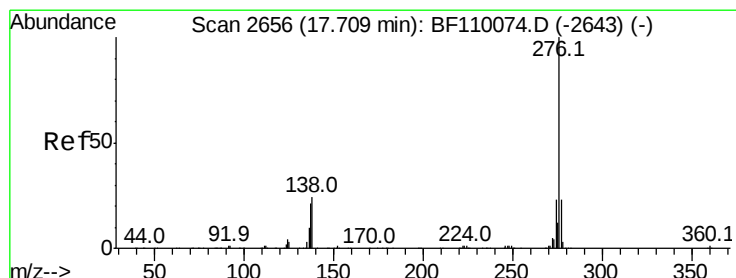
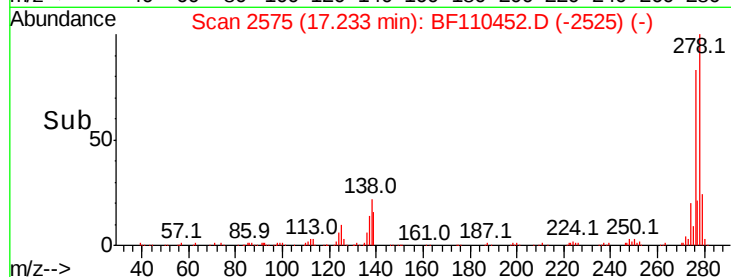
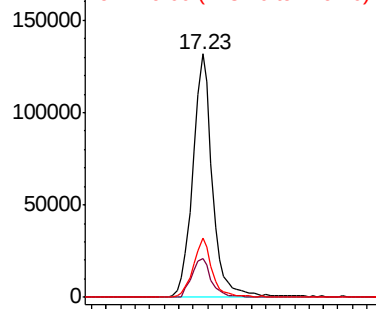


Abundance

Ion 278.00 (277.70 to 278.70): E

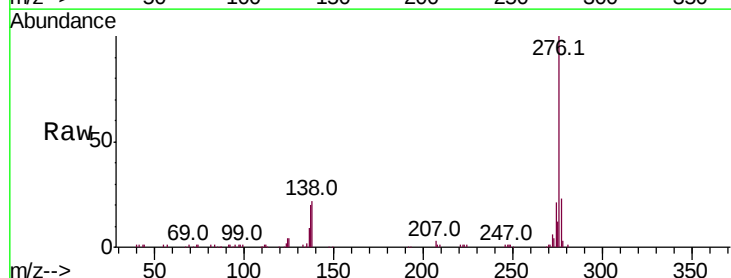
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.046 ng
RT: 17.70 min Scan# 2654
Delta R.T. -0.01 min
Lab File: BF110452.D
Acq: 3 Nov 2018 10:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	21.6	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

