

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110067.D
 Acq On : 23 Oct 2018 00:23
 Operator : JU/SJ
 Sample : PB114045BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114045BS

Manual Integrations
 APPROVED

Sohil
 10/23/2018 2:18:59 PM

Quant Time: Oct 23 04:50:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	188762	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	738102	20.00	ng	-0.02
39) Acenaphthene-d10	10.02	164	332237	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	533967	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	340755	20.00	ng	-0.01
87) Perylene-d12	15.67	264	262943	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	565662	47.50	ng	0.00
7) Phenol-d6	6.59	99	713994	48.29	ng	-0.02
23) Nitrobenzene-d5	7.53	82	637335	58.17	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	145652	50.64	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1186004	56.96	ng	-0.01
79) Terphenyl-d14	13.09	244	896735	55.26	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.92	88	105761	15.637	ng	90
3) Pyridine	3.68	79	300751	19.945	ng	88
4) n-Nitrosodimethylamine	3.63	42	136224	22.146	ng	# 95
6) Aniline	6.63	93	286161	14.360	ng	# 54
8) 2-Chlorophenol	6.75	128	311688	23.367	ng	99
9) Benzaldehyde	6.52	77	176634	18.382	ng	95
10) Phenol	6.60	94	362123	22.682	ng	# 65
11) bis(2-Chloroethyl)ether	6.70	93	284195	21.290	ng	92
12) 1,3-Dichlorobenzene	6.91	146	325334	22.242	ng	97
13) 1,4-Dichlorobenzene	6.99	146	324615	22.037	ng	97
14) 1,2-Dichlorobenzene	7.14	146	310145	22.864	ng	98
15) Benzyl Alcohol	7.10	79	261059	22.948	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.23	45	471671	21.528	ng	67
17) 2-Methylphenol	7.21	107	249092	23.158	ng	# 80
18) Hexachloroethane	7.48	117	108665	20.874	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	207328	21.837	ng	96
20) 3+4-Methylphenols	7.36	107	318632	23.344	ng	95
22) Acetophenone	7.37	105	421020	24.596	ng	98
24) Nitrobenzene	7.55	77	311387	26.160	ng	93
25) Isophorone	7.79	82	565121	26.249	ng	95
26) 2-Nitrophenol	7.86	139	143888	29.155	ng	95
27) 2,4-Dimethylphenol	7.89	122	280320	27.032	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	362750	24.551	ng	99
29) 2,4-Dichlorophenol	8.10	162	252948	25.144	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	270600	24.024	ng	95
31) Naphthalene	8.27	128	873381	25.804	ng	100
32) Benzoic acid	7.97	122	96313	14.906	ng	92
33) 4-Chloroaniline	8.32	127	208058	13.675	ng	99
34) Hexachlorobutadiene	8.39	225	149875	24.130	ng	98
35) Caprolactam	8.68	113	86455m	24.199	ng	
36) 4-Chloro-3-methylphenol	8.79	107	259537	24.456	ng	96
37) 2-Methylnaphthalene	8.97	142	594331	27.118	ng	98
38) 1-Methylnaphthalene	9.07	142	566857	26.692	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	252038	24.629	ng	99

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	140088	28.363	nq	99
43) 2,4,6-Trichlorophenol	9.24	196	161242	25.199	nq	96
44) 2,4,5-Trichlorophenol	9.28	196	174612	26.293	nq	94
46) 1,1'-Biphenyl	9.43	154	715585	24.174	nq	99
47) 2-Chloronaphthalene	9.46	162	540634	24.795	nq	99
48) 2-Nitroaniline	9.55	65	168864	30.178	nq	94
49) Acenaphthylene	9.87	152	823849	26.009	nq	98
50) Dimethylphthalate	9.72	163	630072	26.783	nq	99
51) 2,6-Dinitrotoluene	9.79	165	128877	28.843	nq	85
52) Acenaphthene	10.05	154	509626	25.271	nq	98
53) 3-Nitroaniline	9.96	138	123316	22.688	nq	89
54) 2,4-Dinitrophenol	10.06	184	20274	21.566	nq	95
55) Dibenzofuran	10.22	168	716338	24.908	nq	97
56) 4-Nitrophenol	10.12	139	261385	63.025	nq	91
57) 2,4-Dinitrotoluene	10.19	165	162339	30.598	nq	92
58) Fluorene	10.56	166	544409	26.004	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	132178	25.113	nq	97
60) Diethylphthalate	10.42	149	602906	25.948	nq	100
61) 4-Chlorophenyl-phenylether	10.55	204	267608	24.539	nq	99
62) 4-Nitroaniline	10.57	138	123194	23.944	nq	88
63) Azobenzene	10.71	77	565437	23.294	nq	98
65) 4,6-Dinitro-2-methylphenol	10.60	198	22131	17.461	nq	90
66) n-Nitrosodiphenylamine	10.67	169	482629	27.138	nq	96
67) 4-Bromophenyl-phenylether	11.05	248	154201	26.647	nq	98
68) Hexachlorobenzene	11.11	284	154821	25.089	nq	95
69) Atrazine	11.19	200	154334	27.782	nq	99
70) Pentachlorophenol	11.30	266	121788	34.679	nq	97
71) Phenanthrene	11.53	178	739434	26.749	nq	100
72) Anthracene	11.58	178	757477	27.255	nq	99
73) Carbazole	11.73	167	630443	23.082	nq	98
74) Di-n-butylphthalate	12.05	149	849426	27.866	nq	99
75) Fluoranthene	12.72	202	656627	23.777	nq	98
77) Benzidine	12.84	184	394946	30.229	nq	98
78) Pyrene	12.95	202	651817	26.044	nq	98
80) Butylbenzylphthalate	13.56	149	288075	28.471	nq	97
81) Benzo(a)anthracene	14.14	228	517357	25.776	nq	100
82) 3,3'-Dichlorobenzidine	14.10	252	156428	22.231	nq	99
83) Chrysene	14.17	228	483402	25.303	nq	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	397920	29.887	nq	96
85) Di-n-octyl phthalate	14.73	149	613769	32.698	nq	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	362059	23.537	nq	# 95
88) Benzo(b)fluoranthene	15.22	252	406893	26.841	nq	100
89) Benzo(k)fluoranthene	15.24	252	405374	27.130	nq	99
90) Benzo(a)pyrene	15.60	252	372480	26.716	nq	99
91) Dibenzo(a,h)anthracene	17.24	278	307303	24.871	nq	97
92) Benzo(g,h,i)perylene	17.70	276	294068	23.556	nq	94

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

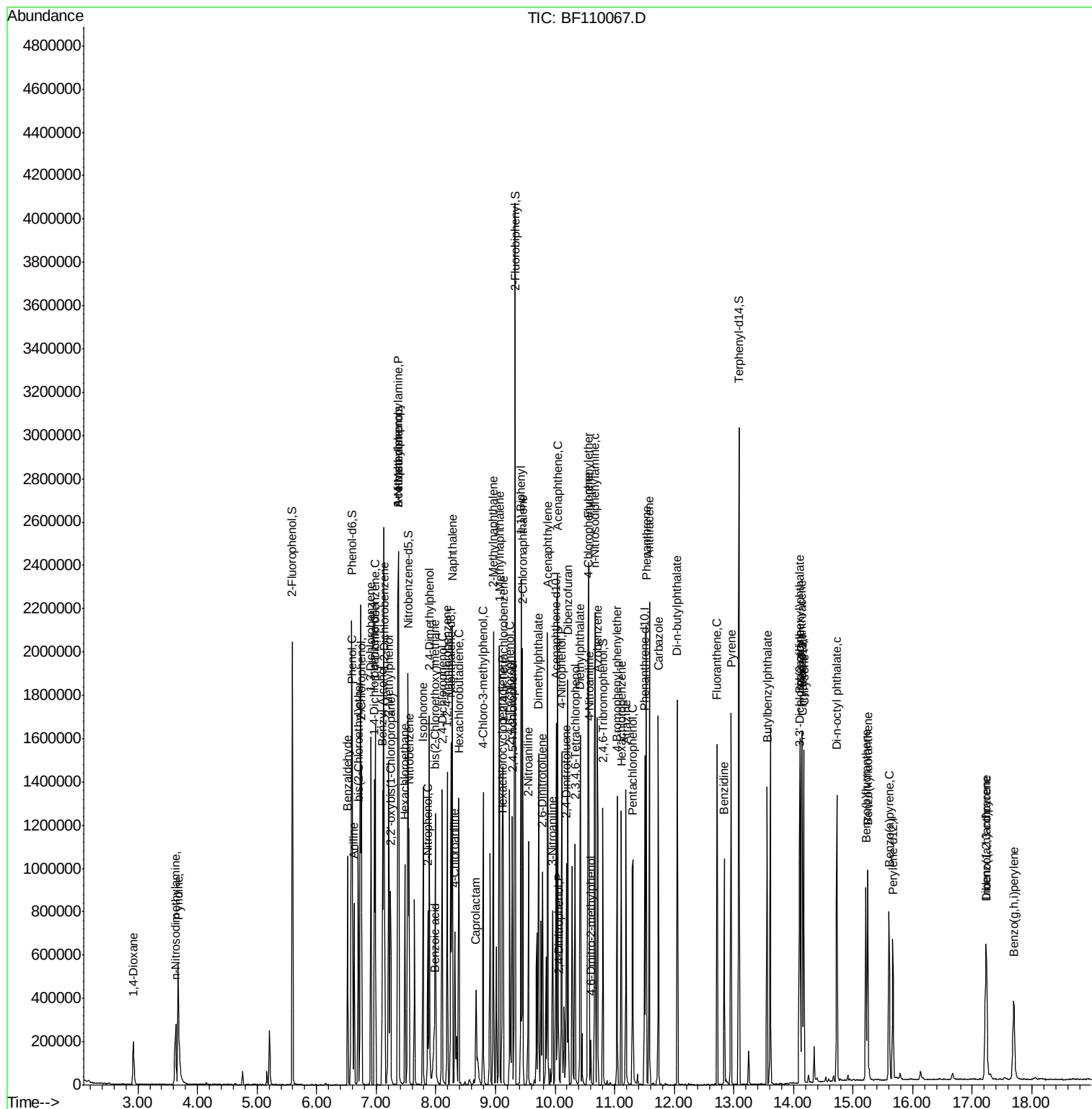
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
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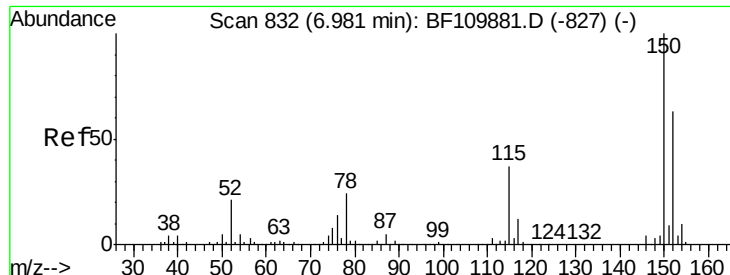
Instrument :
BNA_F
ClientSampled :
PB114045BS

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#1

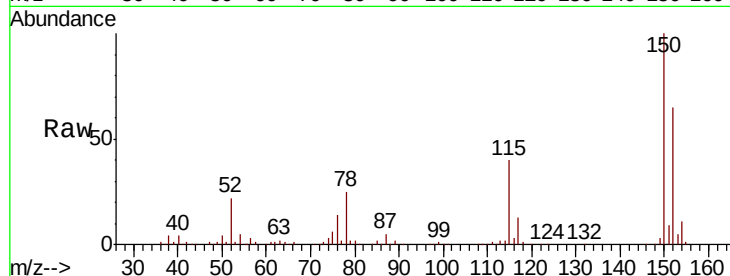
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :
PB114045BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	122.7	184.1
115	62.0	49.1	73.7

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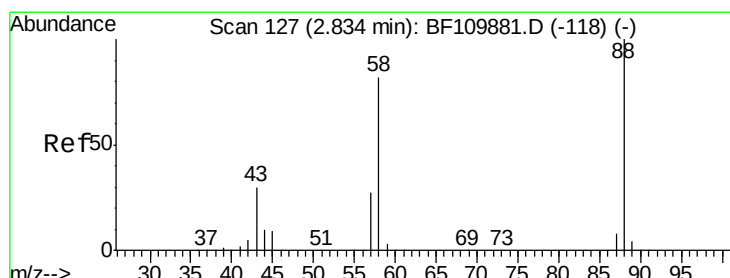
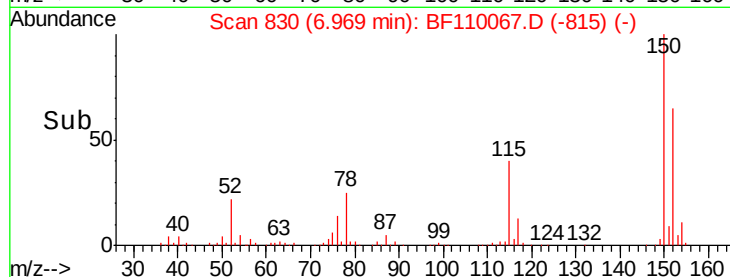
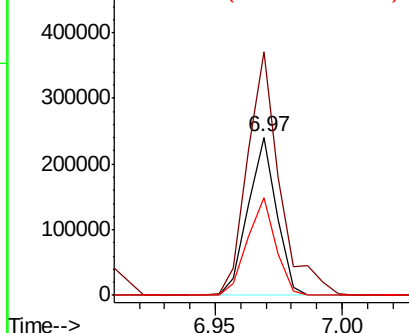


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

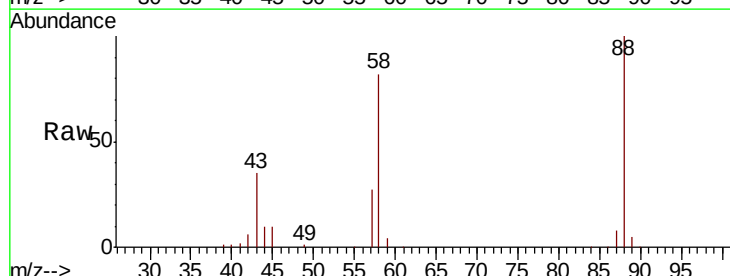
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 15.637 ng
RT: 2.92 min Scan# 142
Delta R.T. 0.08 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.7	57.1	85.7
43	31.8	24.1	36.1

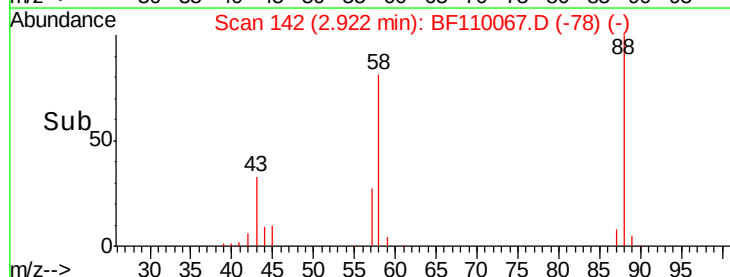
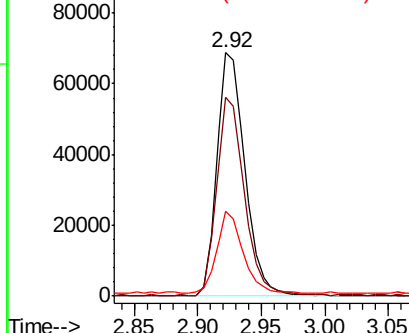


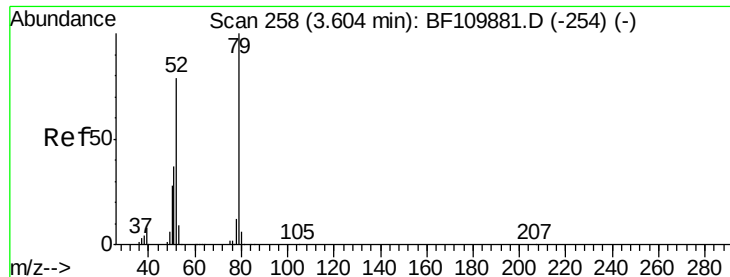
Abundance

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: 19.945 ng

RT: 3.68 min Scan# 270

Delta R.T. 0.06 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

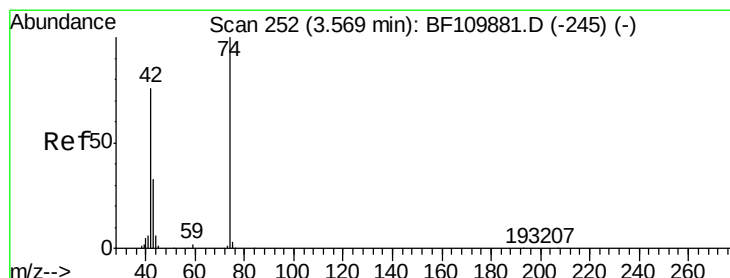
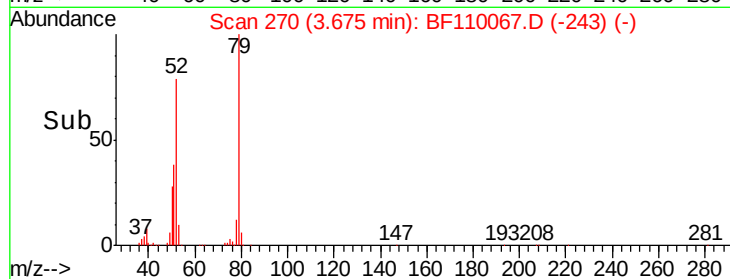
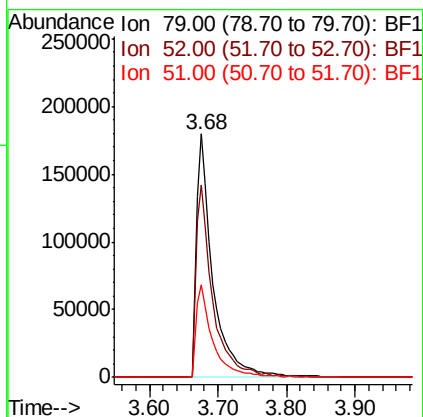
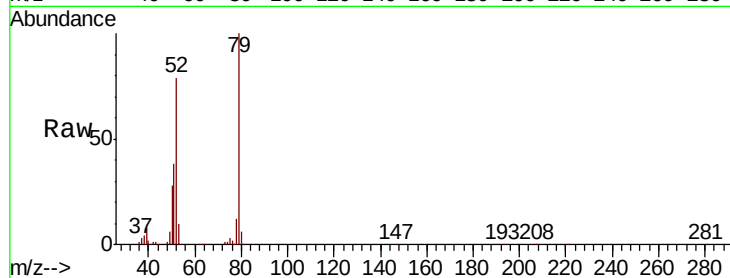
ClientSampleId :

PB114045BS

Tot Ion:	79	Resp:	300751
Ion Ratio	Lower	Upper	
79	100		
52	78.8	53.1	79.7
51	37.8	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 22.146 ng

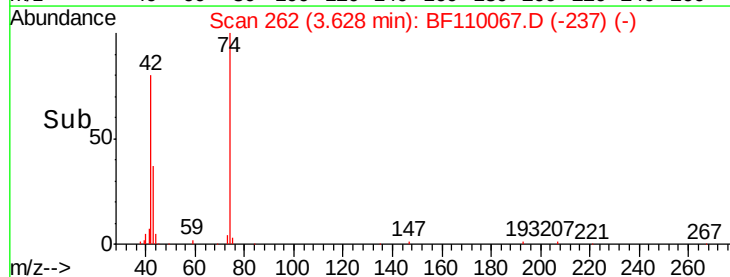
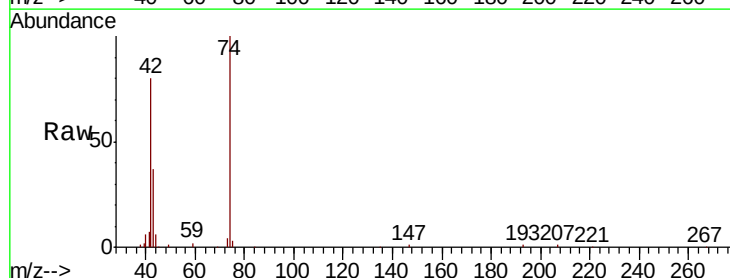
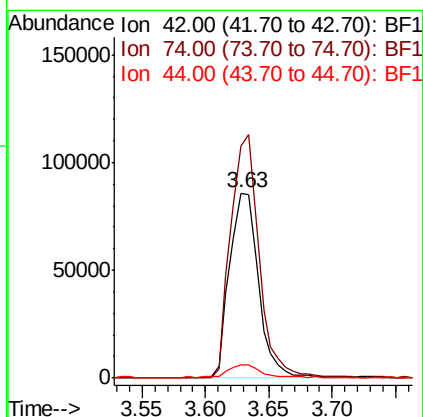
RT: 3.63 min Scan# 262

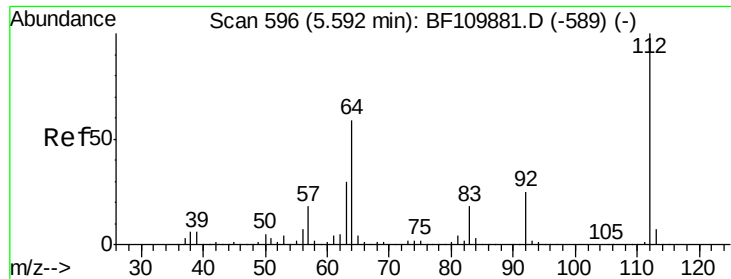
Delta R.T. 0.05 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Tgt Ion:	42	Resp:	136224
Ion Ratio	Lower	Upper	
42	100		
74	125.5	105.5	158.3
44	7.3	4.9	7.3#





#5

2-Fluorophenol

Concen: 47.502 ng

RT: 5.60 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

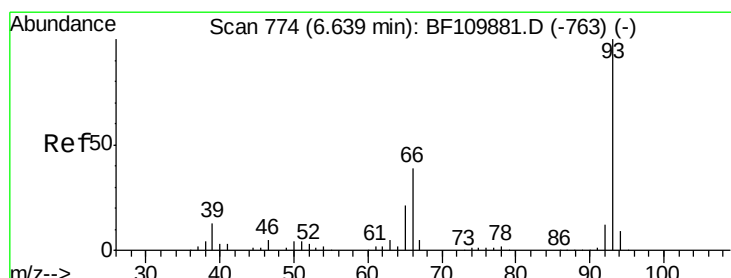
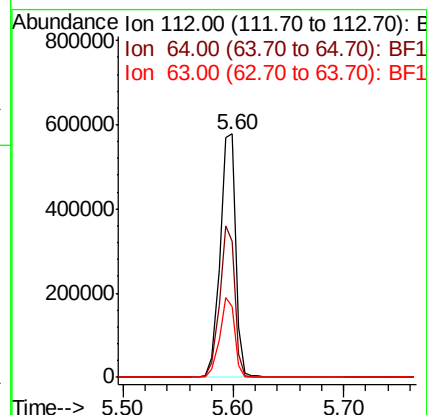
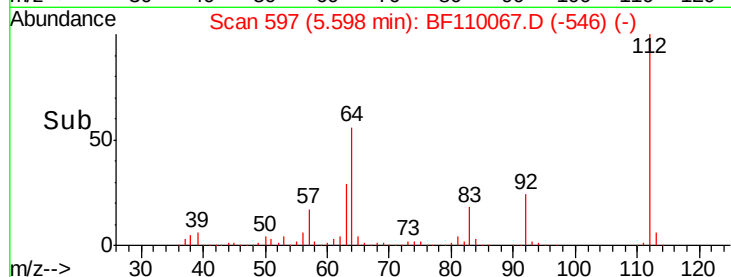
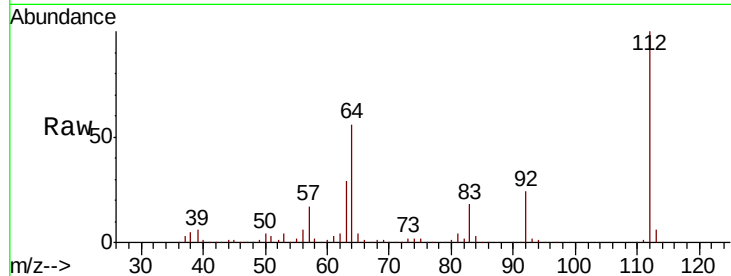
ClientSampleId :

PB114045BS

Tot Ion:	112	Resp:	565662
Ion Ratio	Lower	Upper	
112	100		
64	55.9	44.1	66.1
63	29.3	23.7	35.5

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#6

Aniline

Concen: 14.360 ng

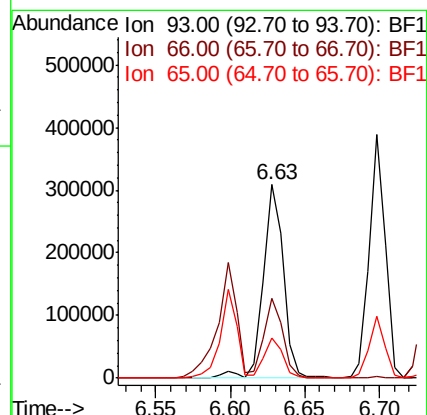
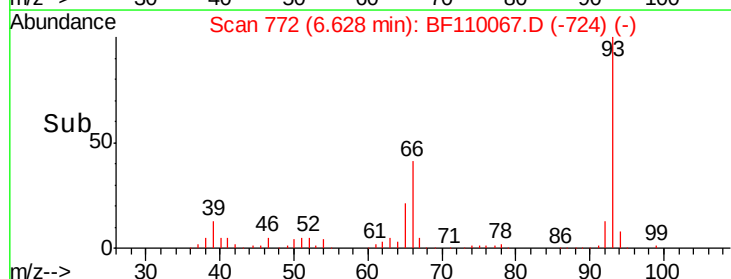
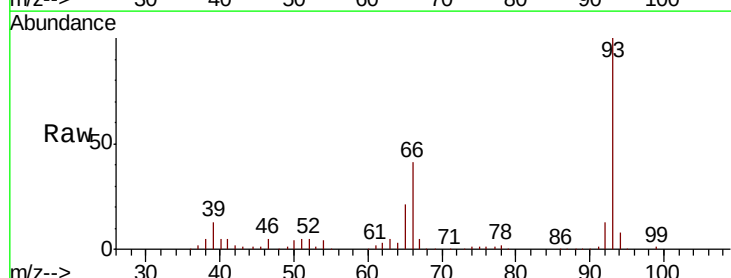
RT: 6.63 min Scan# 772

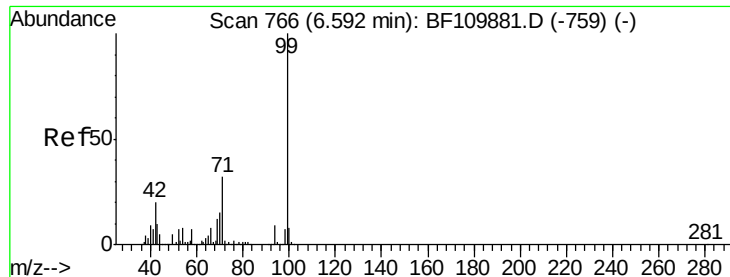
Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Tgt Ion:	93	Resp:	286161
Ion Ratio	Lower	Upper	
93	100		
66	41.4	67.4	101.0#
65	20.9	41.0	61.4#





#7

Phenol-d6

Concen: 48.285 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

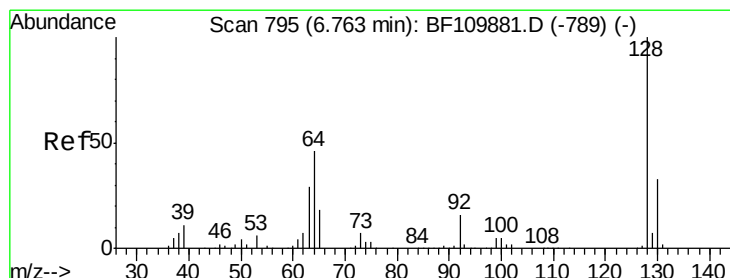
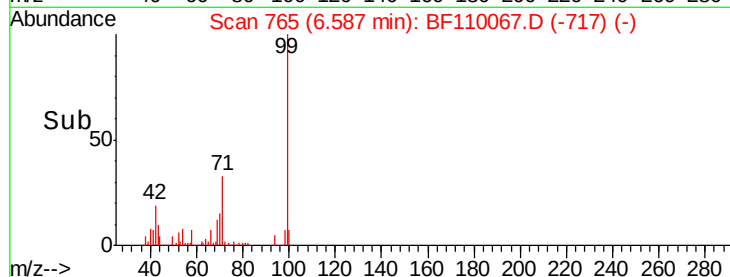
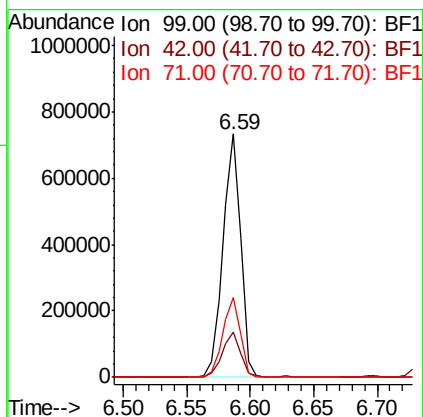
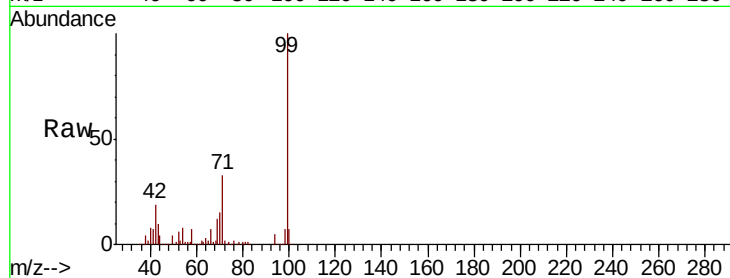
ClientSampled :

PB114045BS

Tot Ion:	99	Resp:	713994
Ion Ratio	Lower	Upper	
99	100		
42	18.7	15.8	23.6
71	33.0	28.0	42.0

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#8

2-Chlorophenol

Concen: 23.367 ng

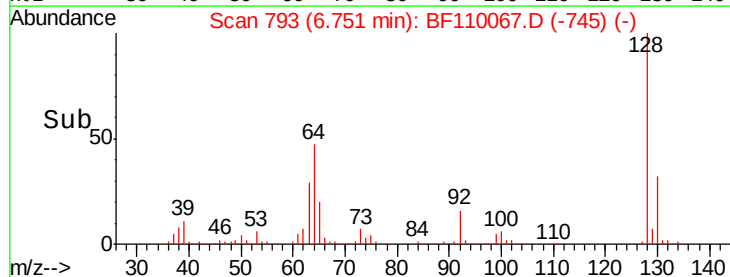
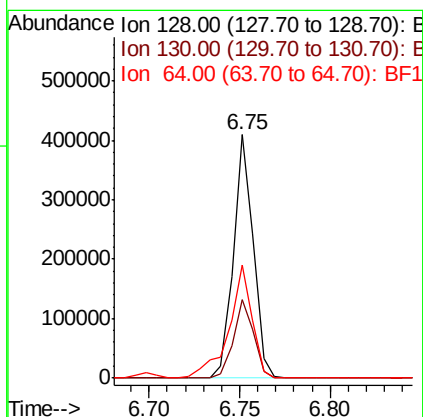
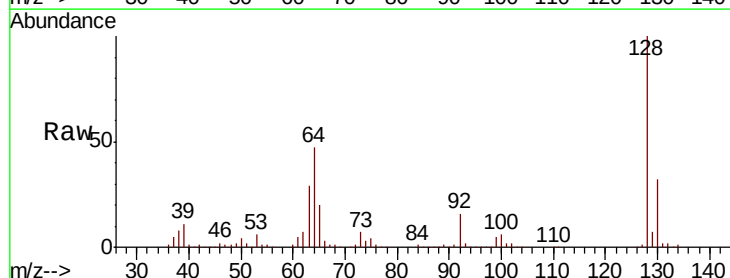
RT: 6.75 min Scan# 793

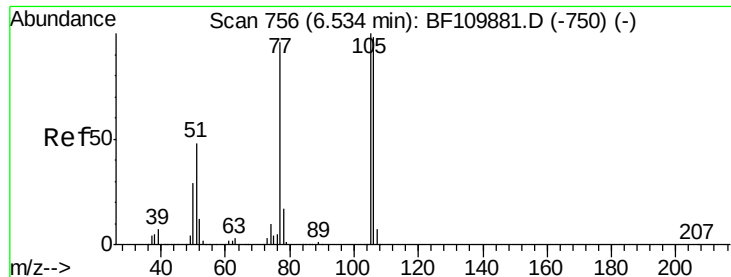
Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Tgt Ion:	128	Resp:	311688
Ion Ratio	Lower	Upper	
128	100		
130	32.4	13.1	53.1
64	46.7	26.0	66.0





#9

Benzaldehyde

Concen: 18.382 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

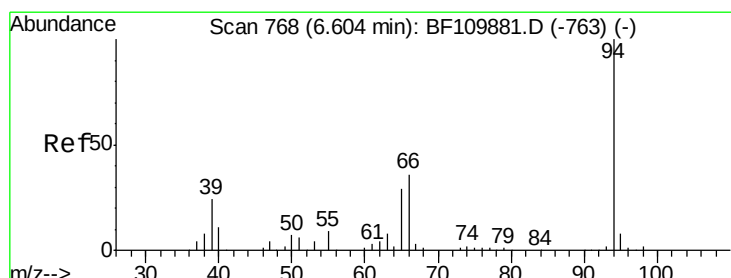
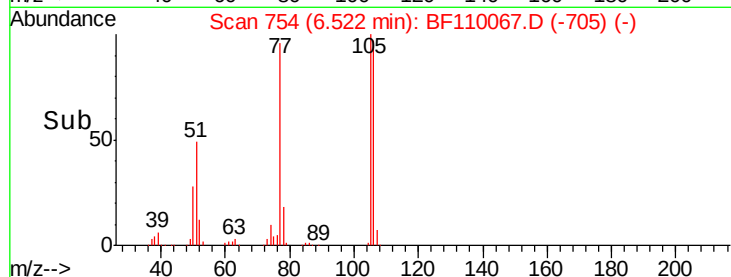
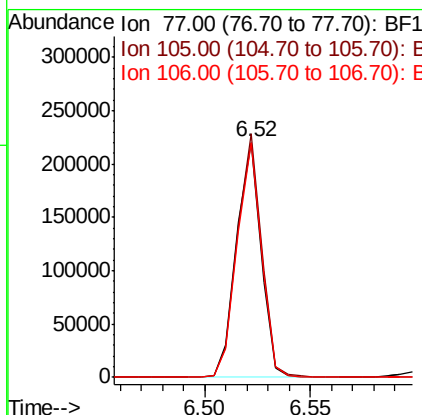
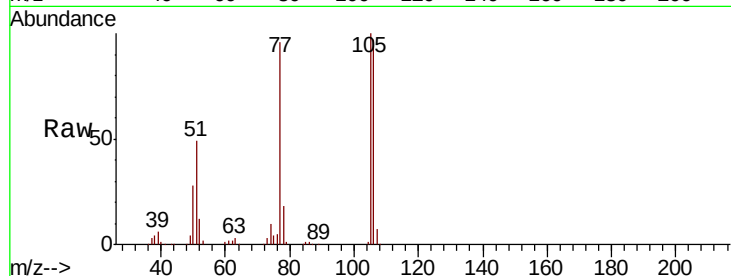
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	103.7		78.6	118.6	
106	100.1		74.8	114.8	

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#10

Phenol

Concen: 22.682 ng

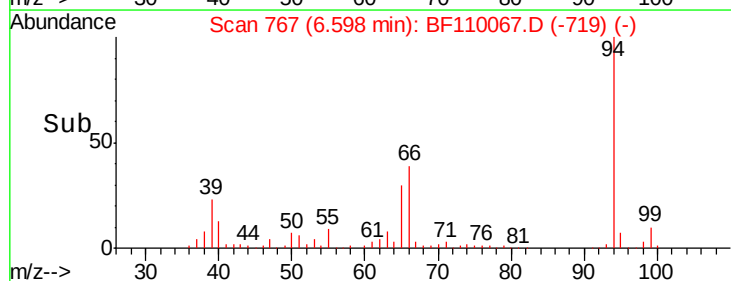
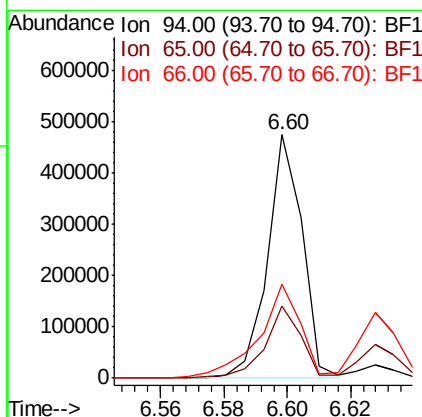
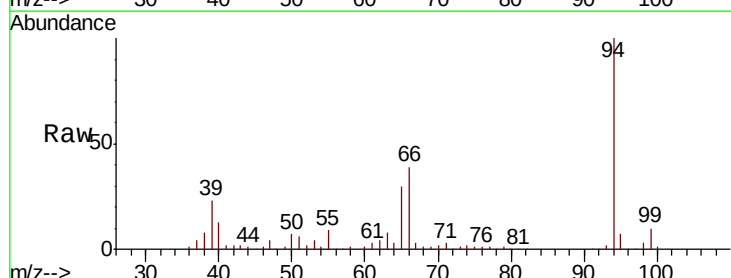
RT: 6.60 min Scan# 767

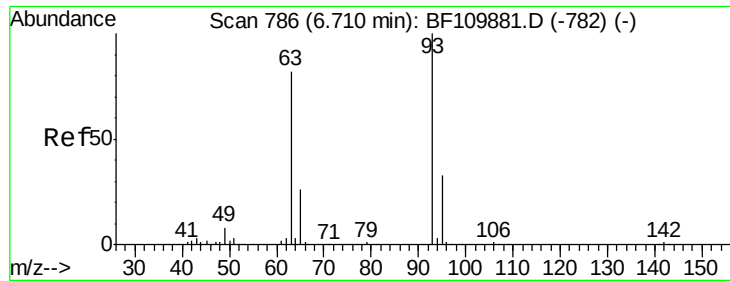
Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	29.6		25.3	65.3	
66	38.6		54.5	94.5#	





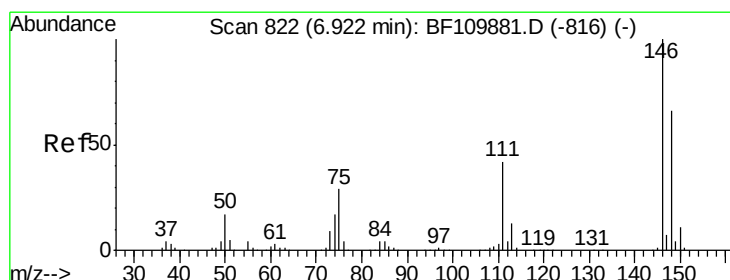
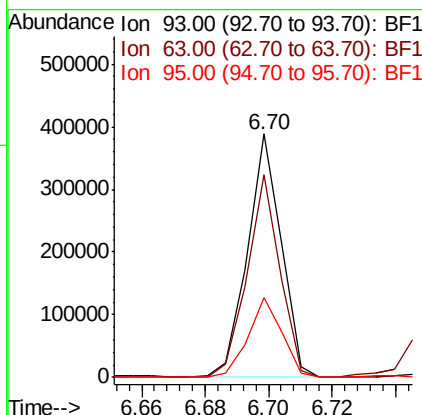
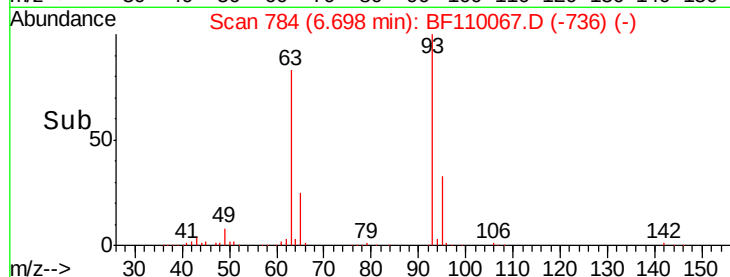
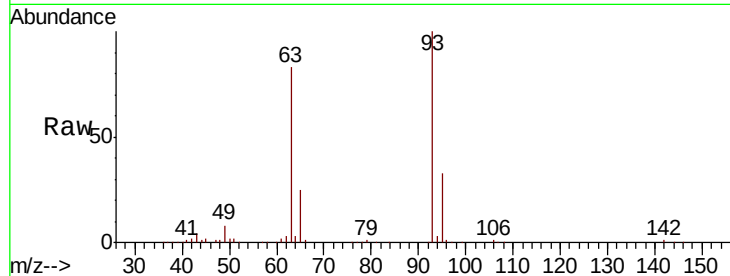
#11
bis(2-Chloroethyl)ether
Concen: 21.290 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :
PB114045BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		284195		
63	83.1	53.4	93.4		
95	32.5	12.1	52.1		

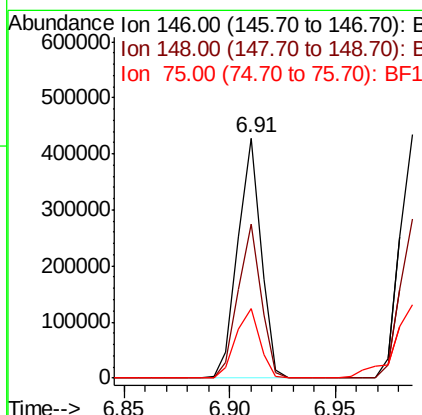
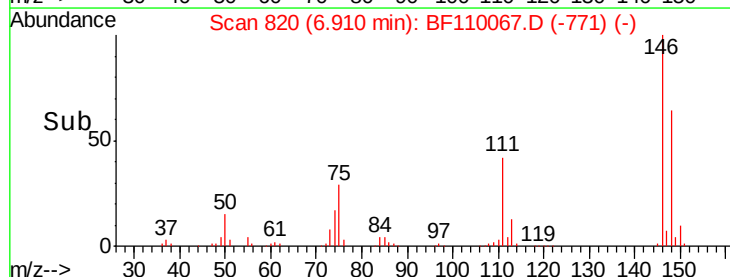
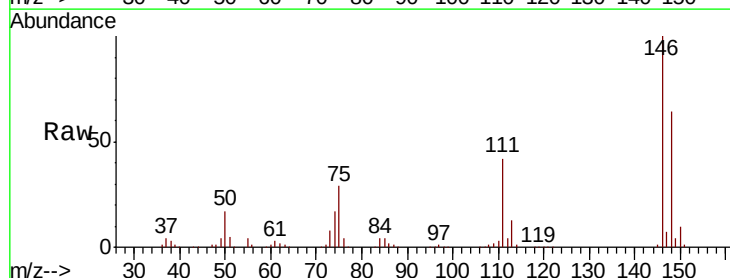
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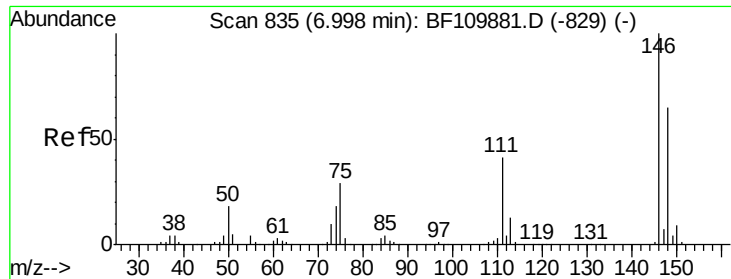
Sohil
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#12
1,3-Dichlorobenzene
Concen: 22.242 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		325334		
148	64.0	50.4	75.6		
75	29.2	25.8	38.6		





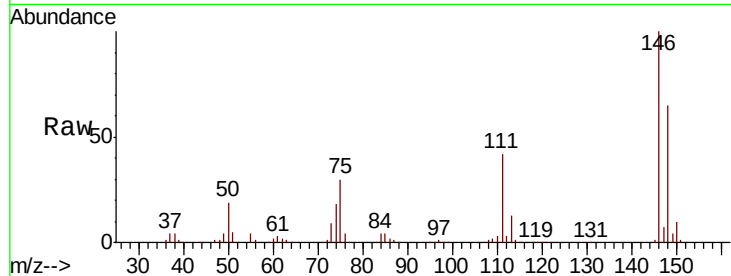
#13
 1,4-Dichlorobenzene
 Concen: 22.037 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

Instrument :
 BNA_F
 ClientSampleId :
 PB114045BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.3	75.5
111	41.9	32.7	49.1

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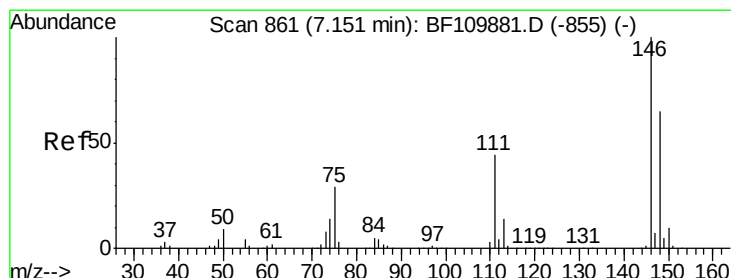
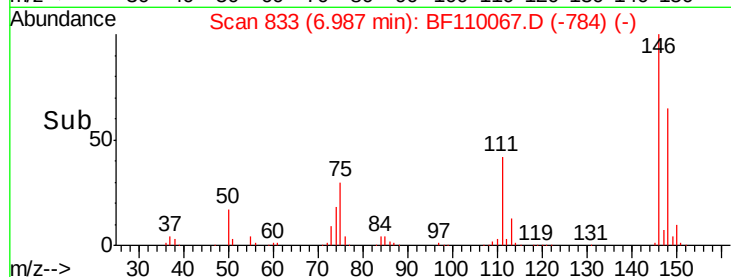
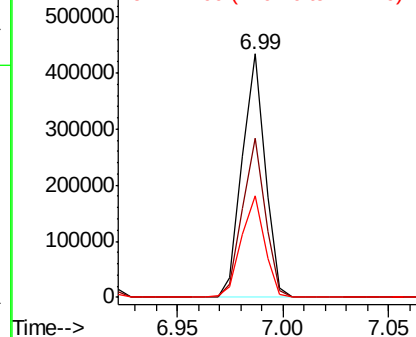


Abundance

Ion 146.00 (145.70 to 146.70): E

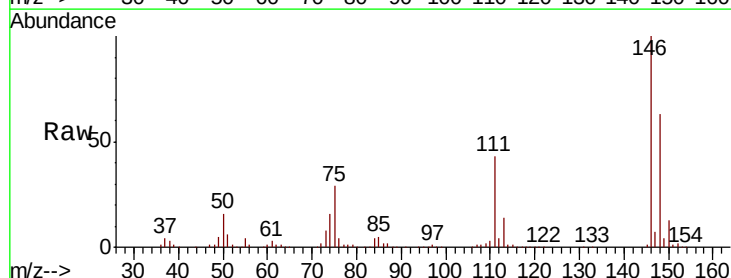
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 22.864 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.1	76.7
111	42.6	35.8	53.6

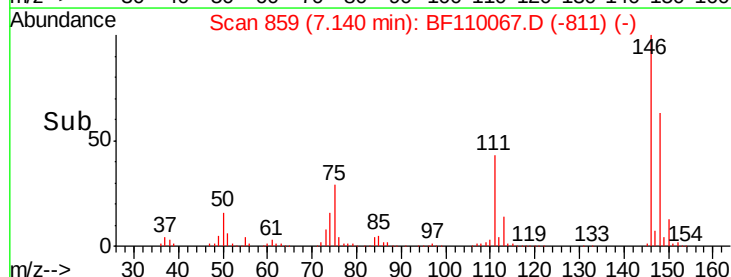
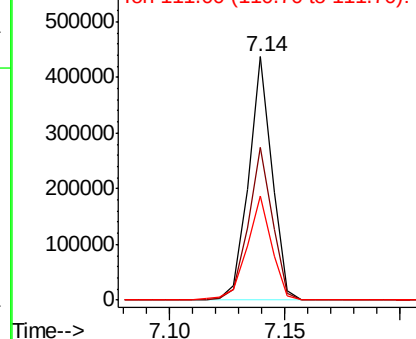


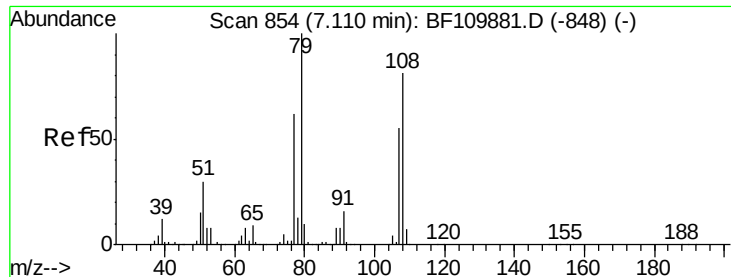
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





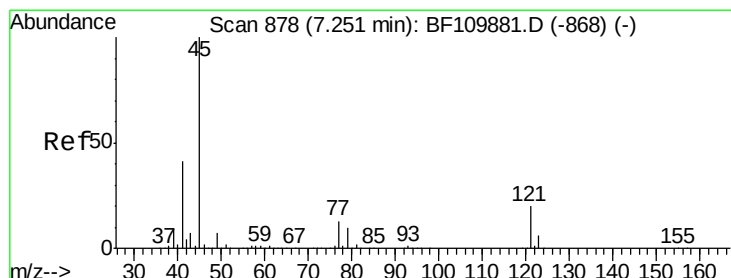
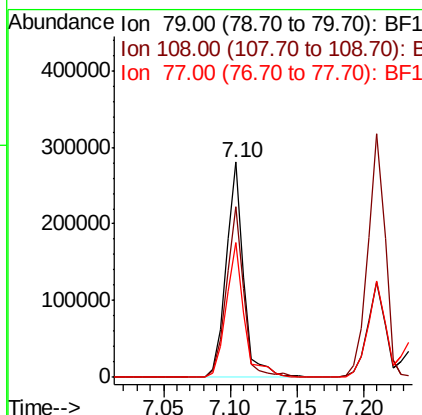
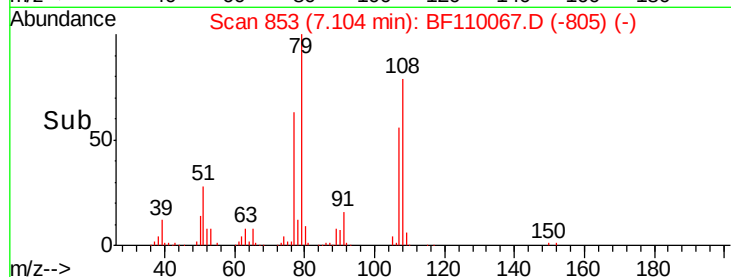
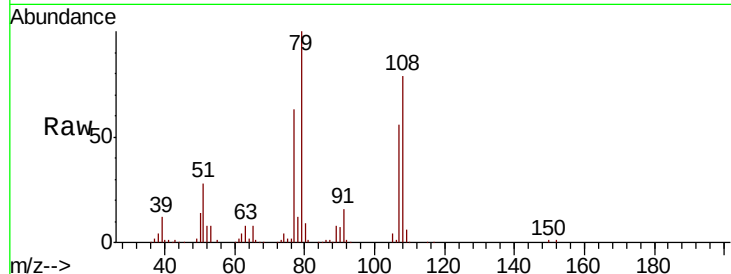
#15
Benzyl Alcohol
Concen: 22.948 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :
PB114045BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.0	56.3	84.5
77	62.8	52.9	79.3

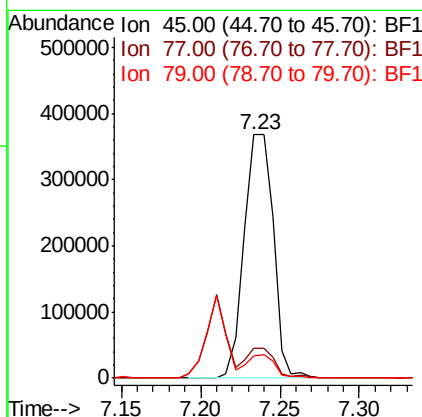
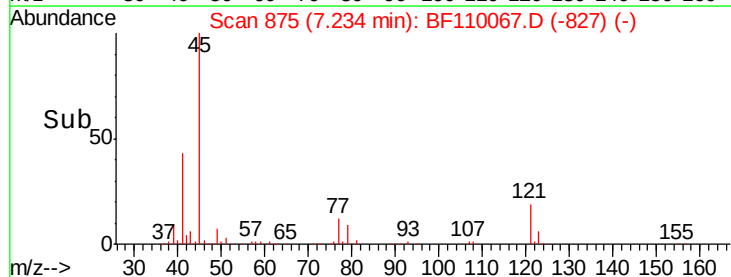
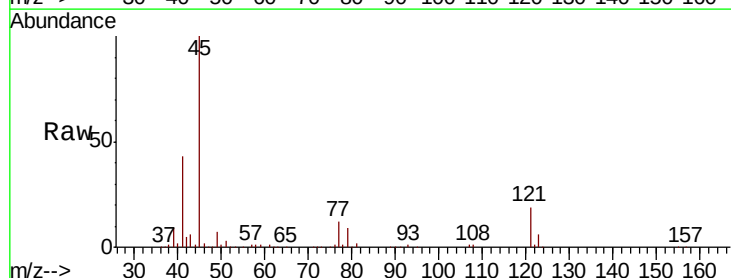
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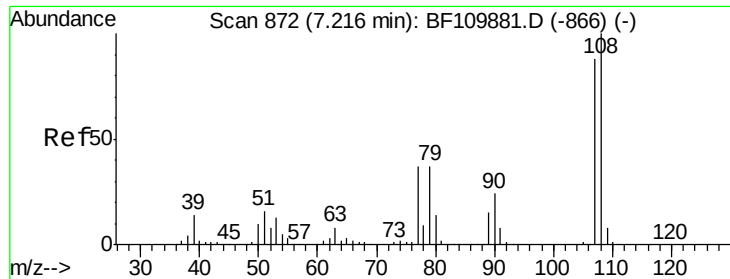
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.528 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.5	10.0	50.0
79	9.1	6.1	46.1





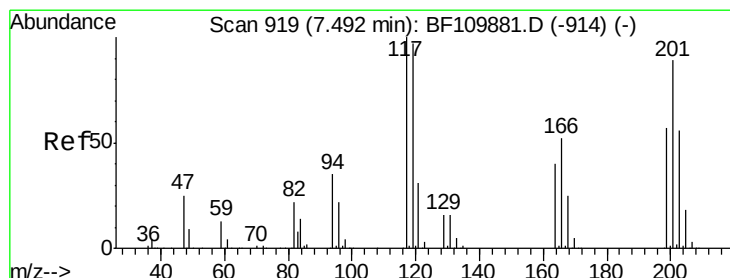
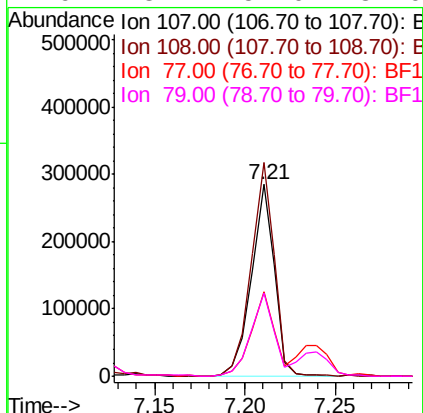
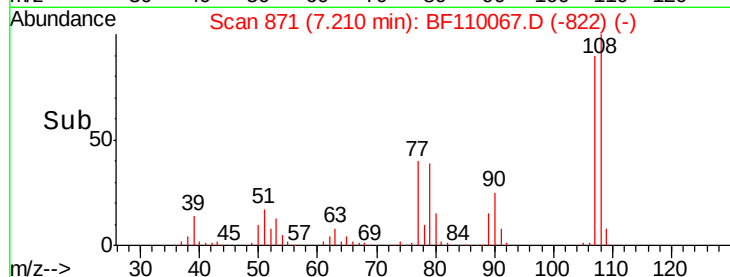
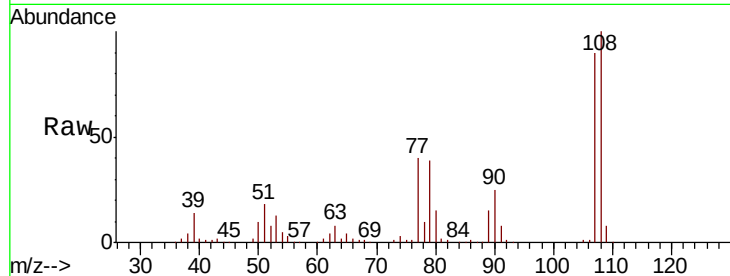
#17
2-Methylphenol
Concen: 23.158 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampled :
PB114045BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	249092		
108	111.5	92.6	138.8	
77	44.1	59.4	89.2#	
79	43.7	54.0	81.0#	

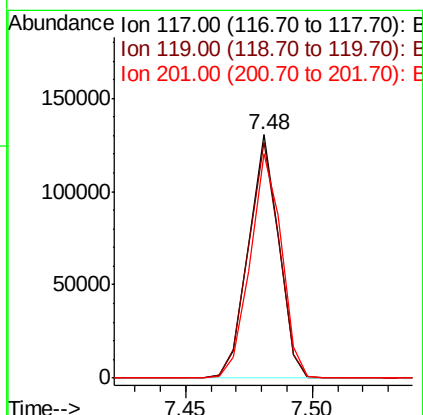
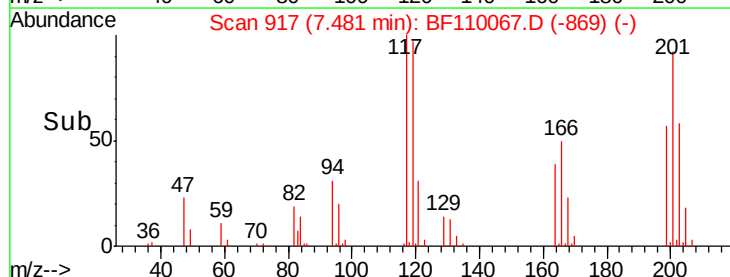
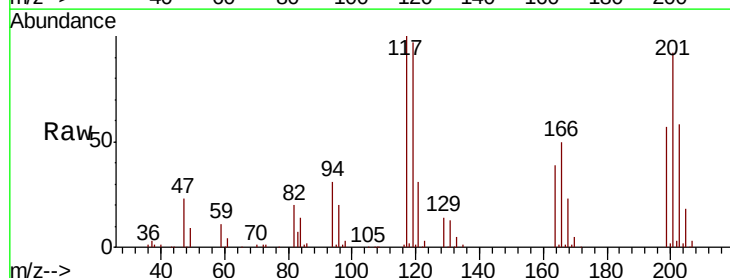
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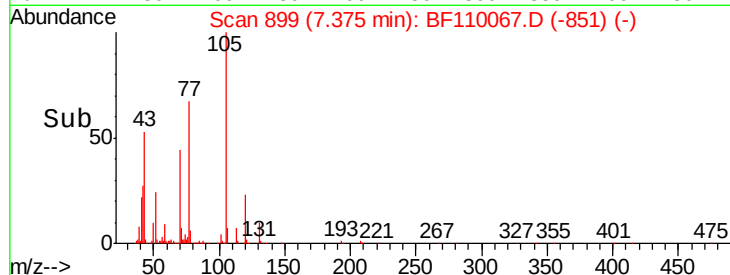
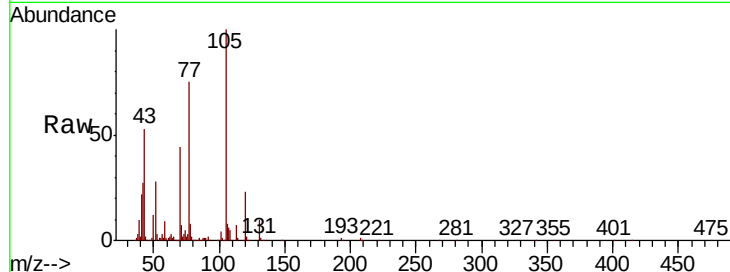
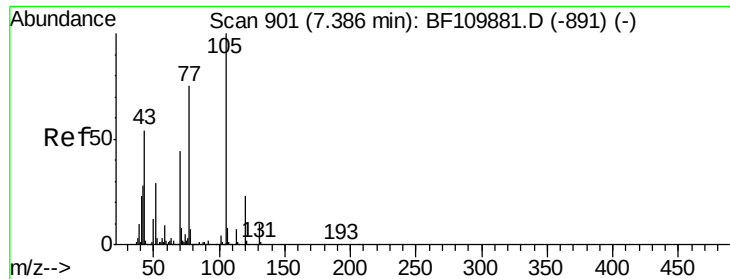
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#18
Hexachloroethane
Concen: 20.874 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	108665		
119	96.9	75.0	112.6	
201	92.3	79.2	118.8	





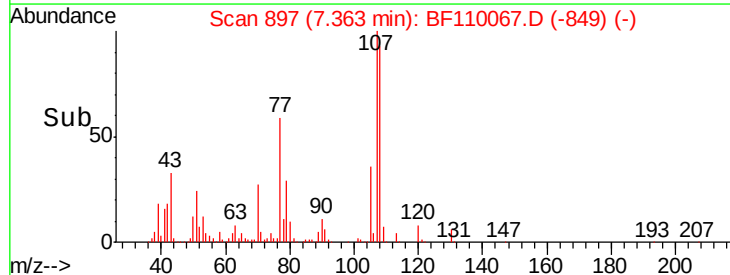
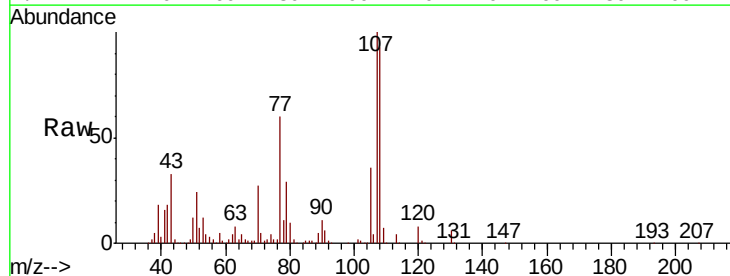
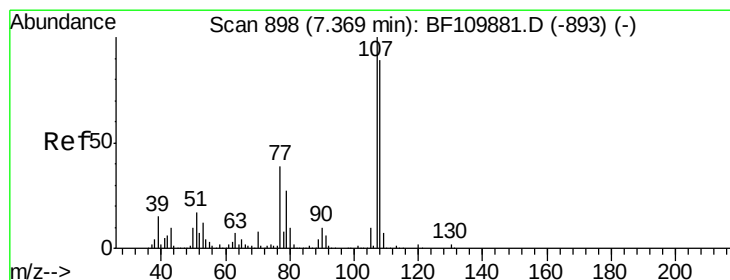
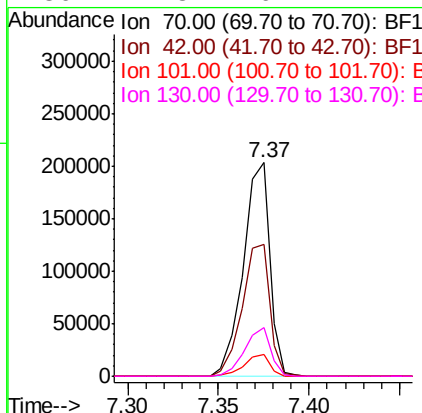
#19
n-Nitroso-di-n-propylamine
Concen: 21.837 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :
PB114045BS

Tot Ion	70	Resp	207328
Ion Ratio	Lower	Upper	
70	100		
42	62.0	47.4	71.2
101	10.0	7.3	10.9
130	22.8	16.2	24.2

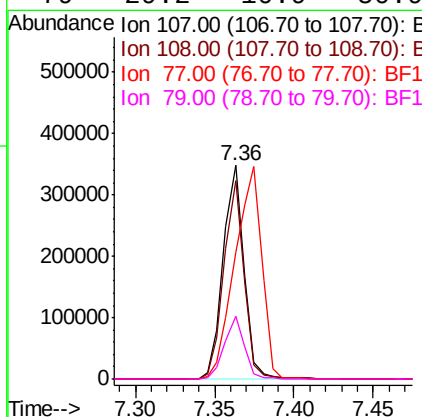
Manual Integrations
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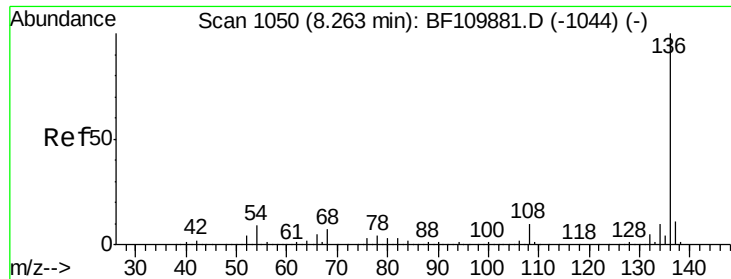
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#20
3+4-Methylphenols
Concen: 23.344 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	107	Resp	318632
Ion Ratio	Lower	Upper	
107	100		
108	92.6	71.4	111.4
77	59.6	47.3	87.3
79	29.2	10.9	50.9





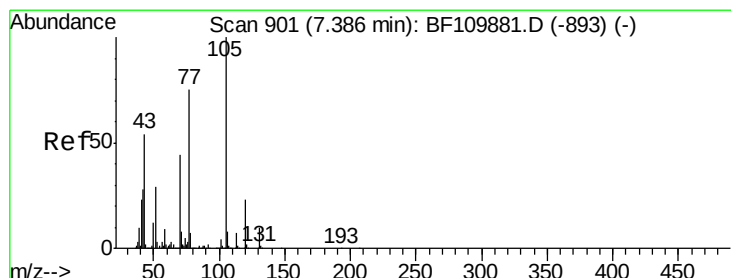
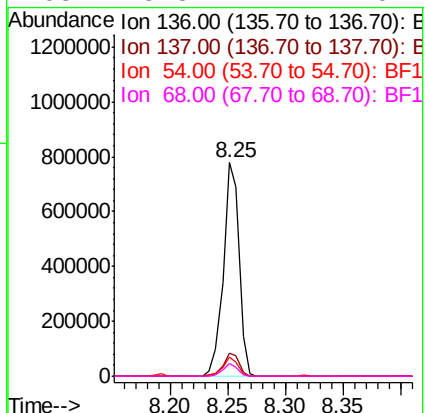
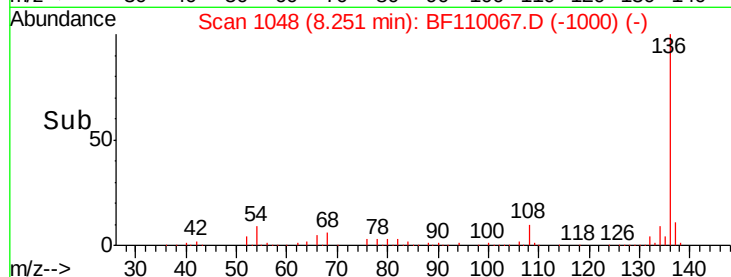
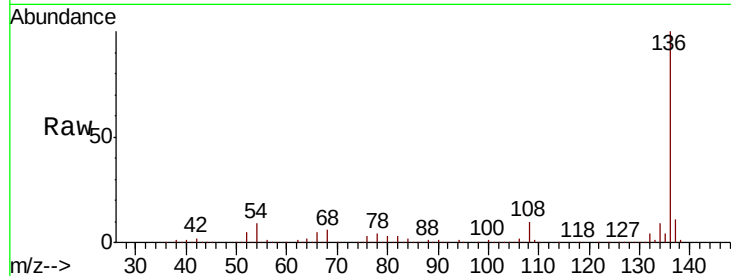
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :
PB114045BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.9	5.4	8.2#
68	5.8	4.2	6.2

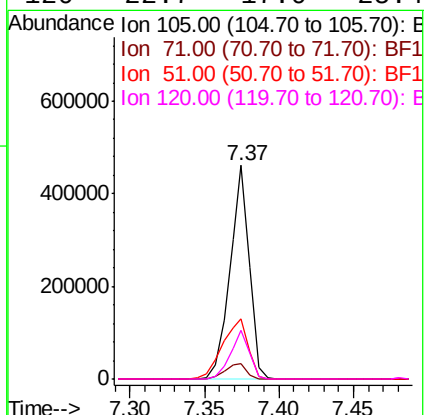
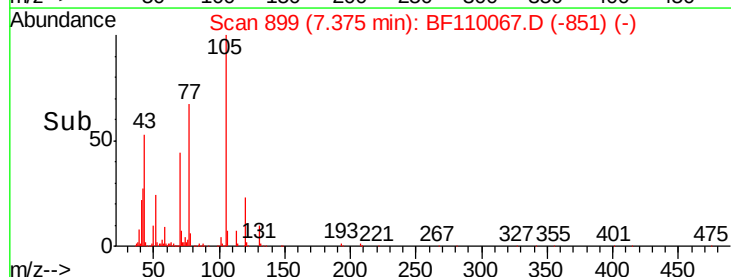
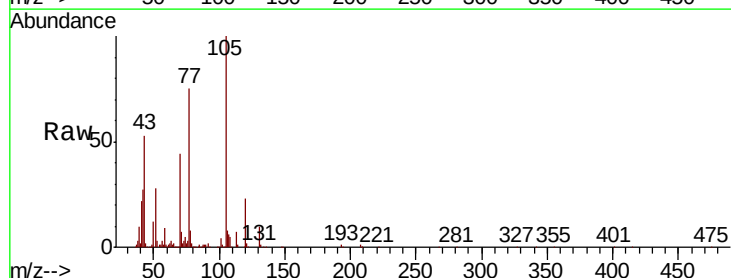
Manual Integrations
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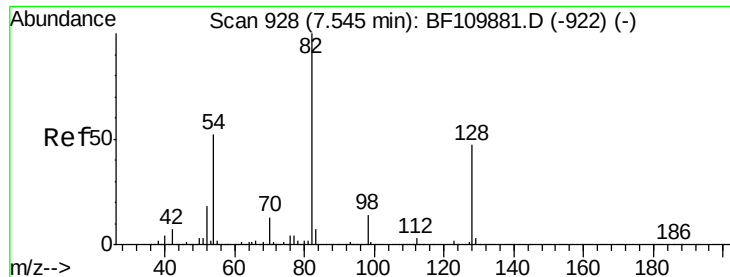
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#22
Acetophenone
Concen: 24.596 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.3	5.2	7.8
51	28.3	21.8	32.8
120	22.7	17.0	25.4





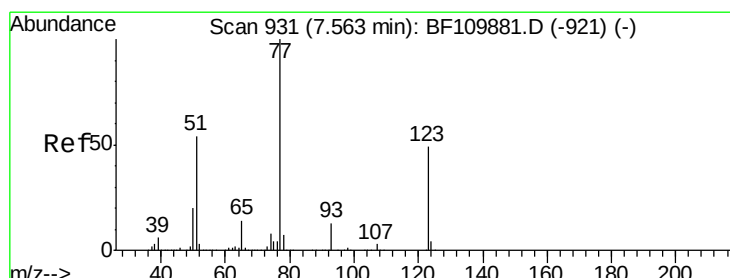
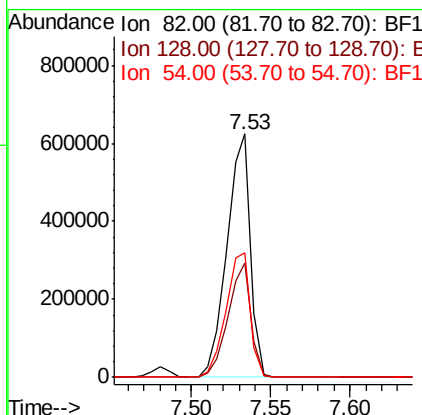
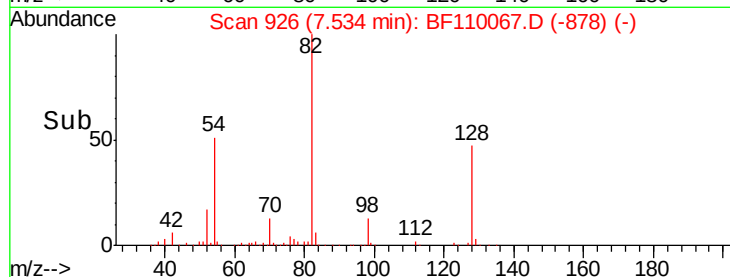
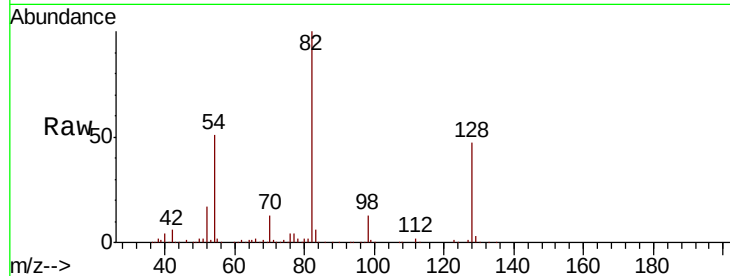
#23
 Nitrobenzene-d5
 Concen: 58.167 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

Instrument :
 BNA_F
 ClientSampleId :
 PB114045BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.2	51.2
54	51.4	38.6	58.0

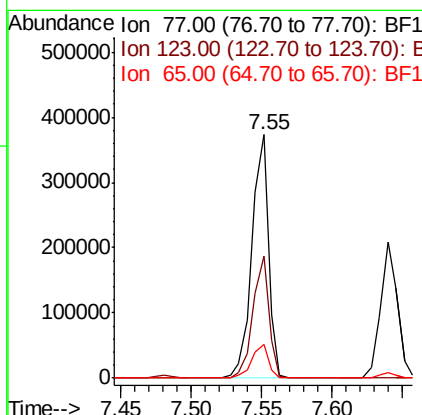
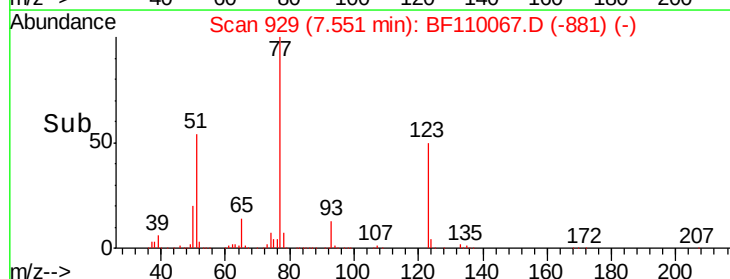
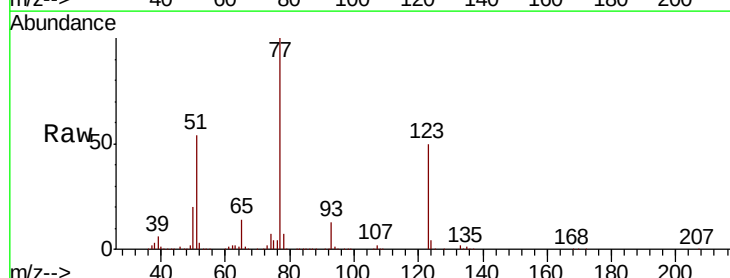
Manual Integrations
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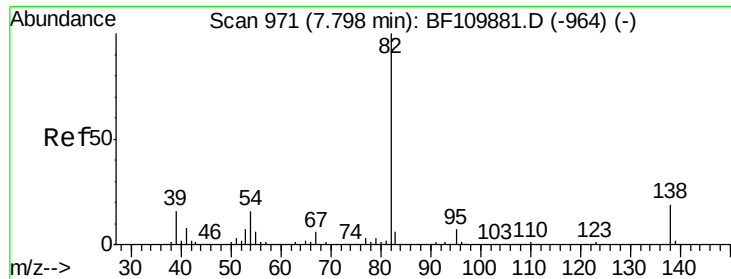
Sohil
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#24
 Nitrobenzene
 Concen: 26.160 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.02 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.0	35.7	53.5
65	13.9	10.7	16.1





#25

Isophorone

Concen: 26.249 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

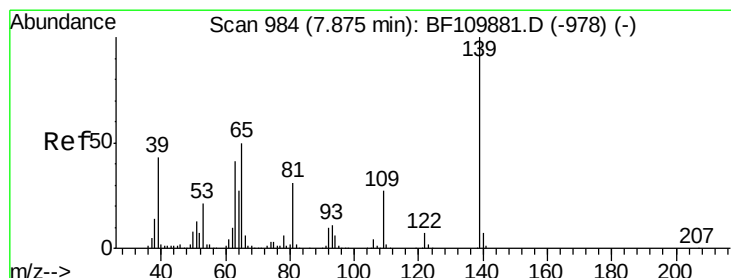
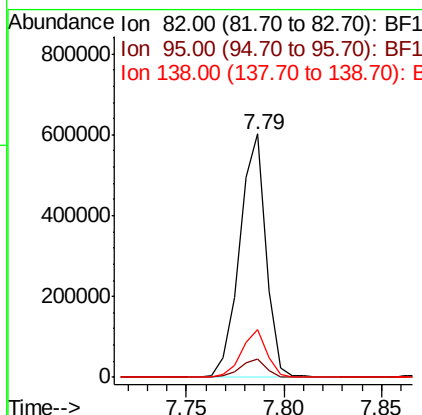
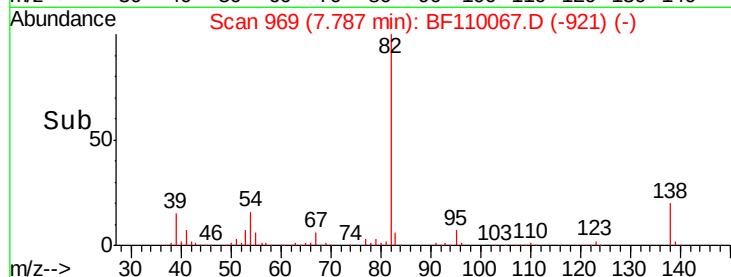
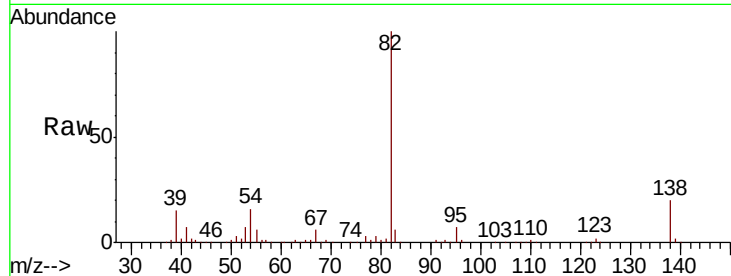
ClientSampleId :

PB114045BS

Tot Ion:	82	Resp:	565121
Ion Ratio		Lower	Upper
82	100		
95	7.3	5.7	8.5
138	19.5	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 29.155 ng

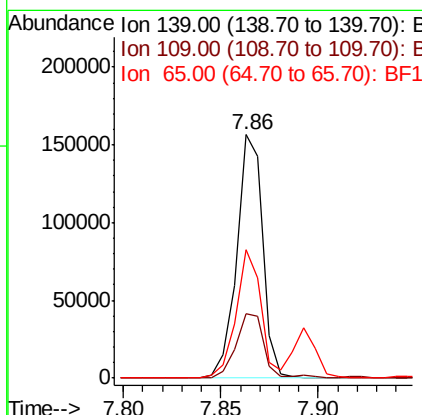
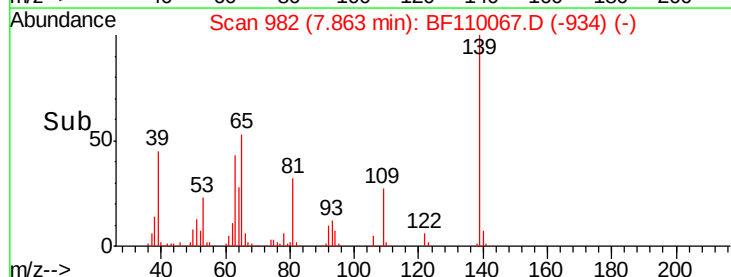
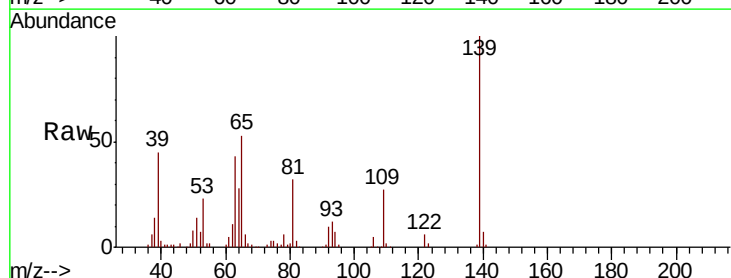
RT: 7.86 min Scan# 982

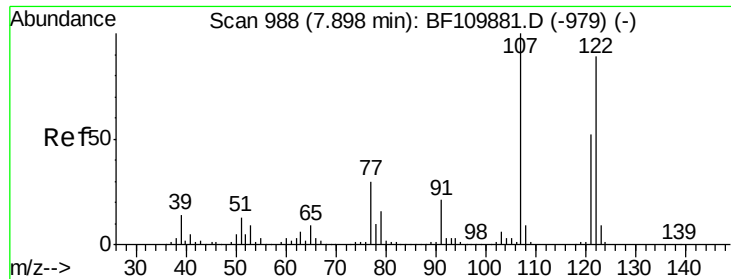
Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Tgt Ion:	139	Resp:	143888
Ion Ratio		Lower	Upper
139	100		
109	26.7	25.0	37.6
65	53.0	44.0	66.0





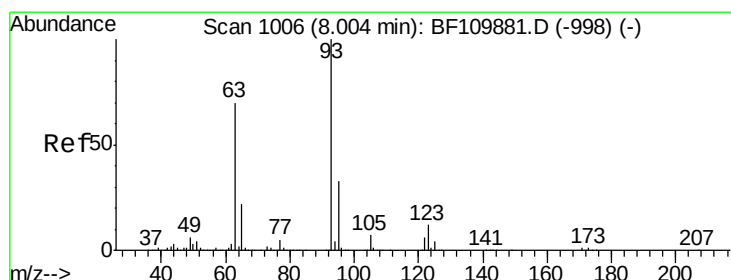
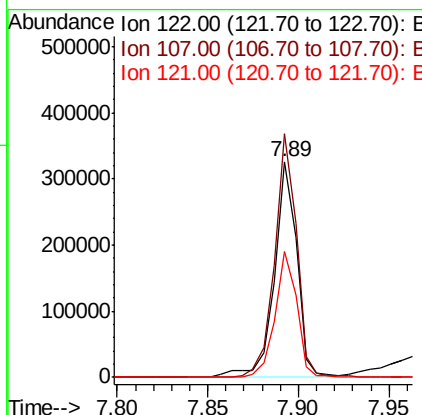
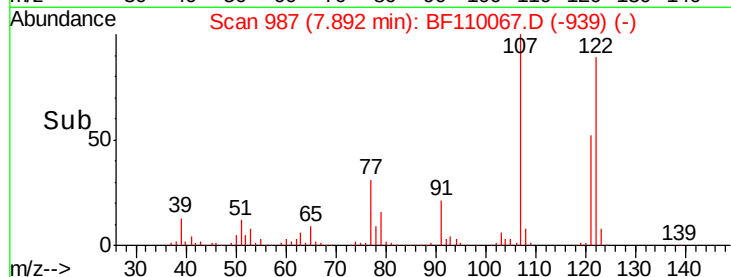
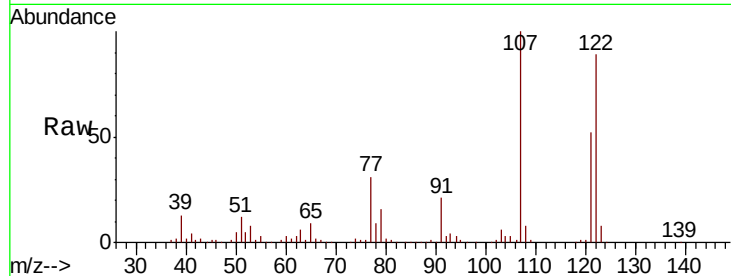
#27
2,4-Dimethylphenol
Concen: 27.032 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :
PB114045BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.9	92.5	138.7
121	58.4	45.8	68.8

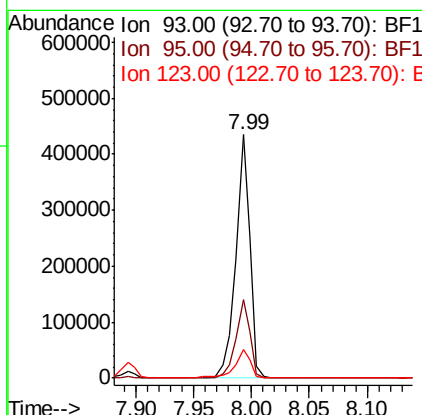
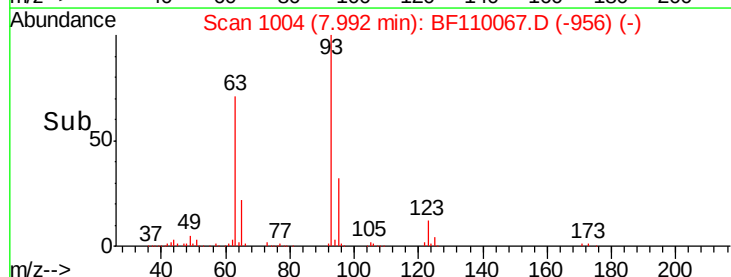
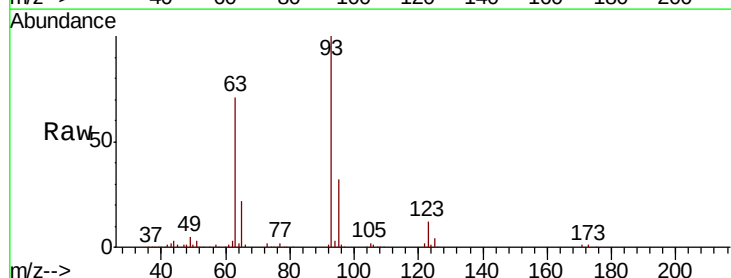
Manual Integrations
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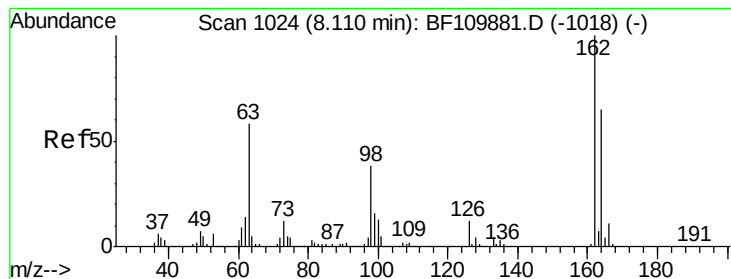
Sohil
10/23/2018 2:18:59 PM



#28
bis(2-Chloroethoxy)methane
Concen: 24.551 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.4	39.6
123	11.7	9.0	13.6





#29

2,4-Dichlorophenol

Concen: 25.144 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

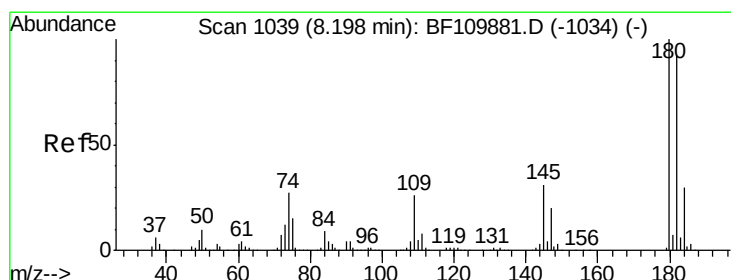
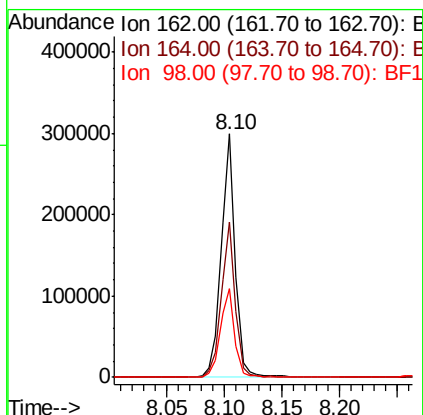
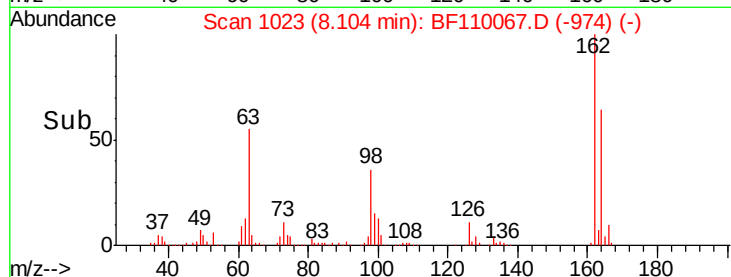
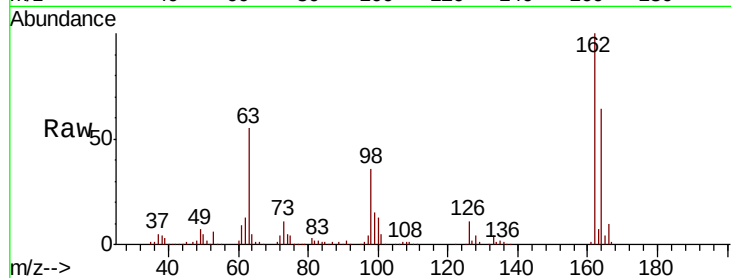
ClientSampleId :

PB114045BS

Tot Ion:	162	Resp:	252948
Ion Ratio	Lower	Upper	
162	100		
164	63.8	44.6	84.6
98	36.4	17.4	57.4

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#30

1,2,4-Trichlorobenzene

Concen: 24.024 ng

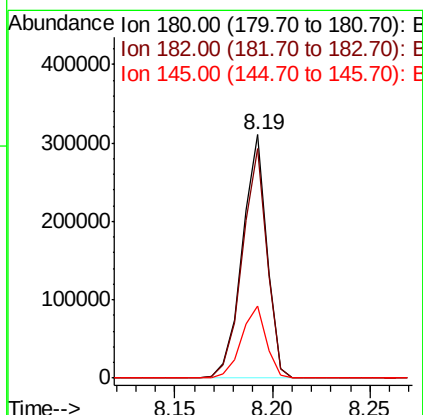
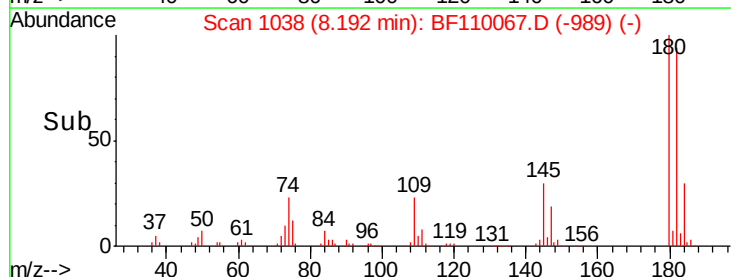
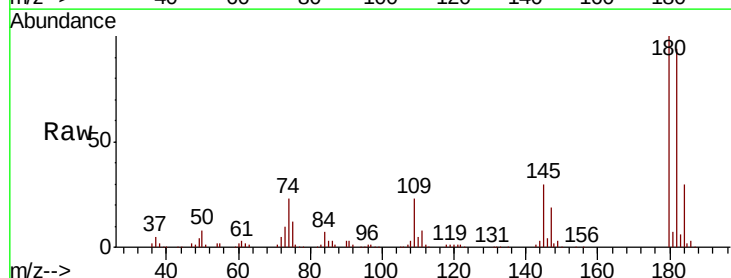
RT: 8.19 min Scan# 1038

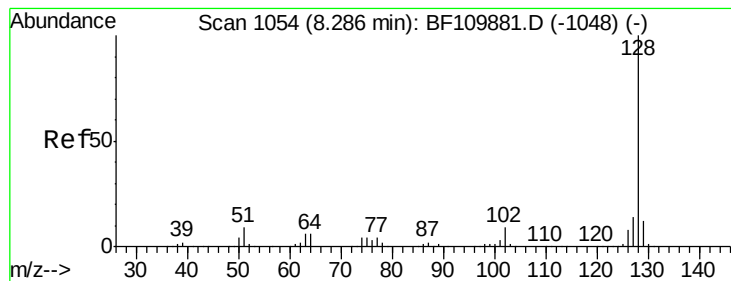
Delta R.T. -0.01 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Tgt Ion:	180	Resp:	270600
Ion Ratio	Lower	Upper	
180	100		
182	94.3	80.3	120.5
145	29.7	25.4	38.0





#31

Naphthalene

Concen: 25.804 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

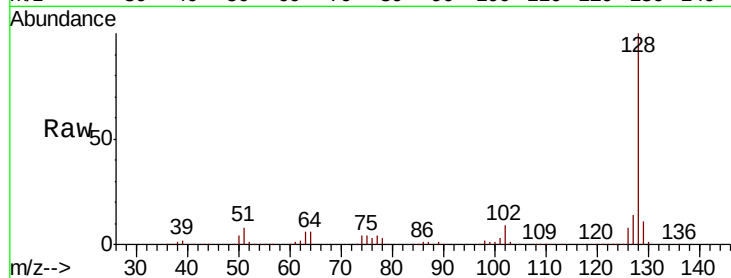
ClientSampleId :

PB114045BS

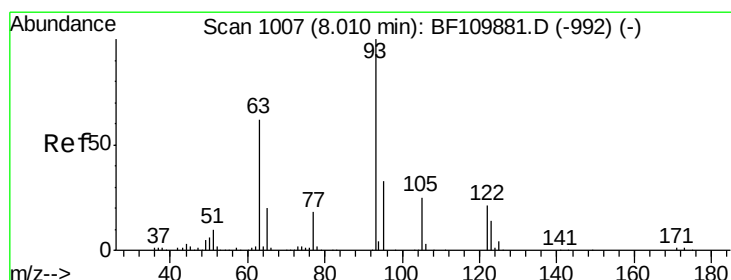
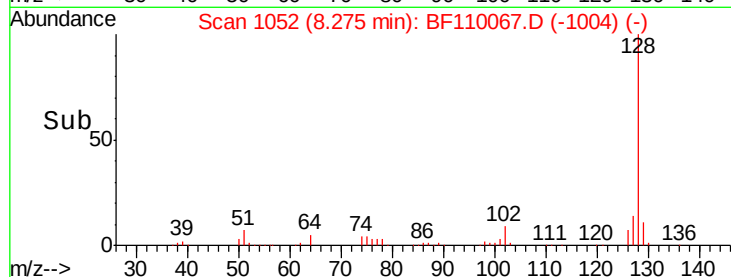
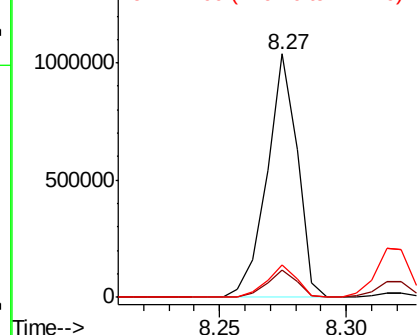
Tot Ion:	128	Resp:	873381
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	13.5	10.8	16.2

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



#32

Benzoic acid

Concen: 14.906 ng

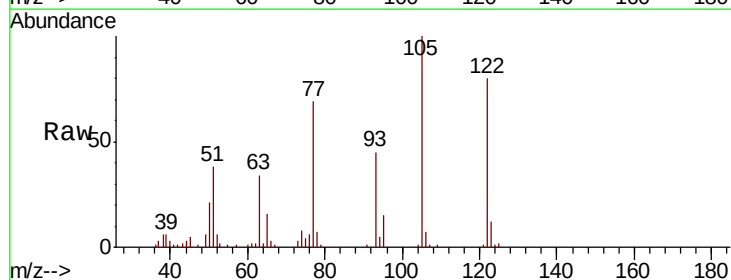
RT: 7.97 min Scan# 1001

Delta R.T. -0.04 min

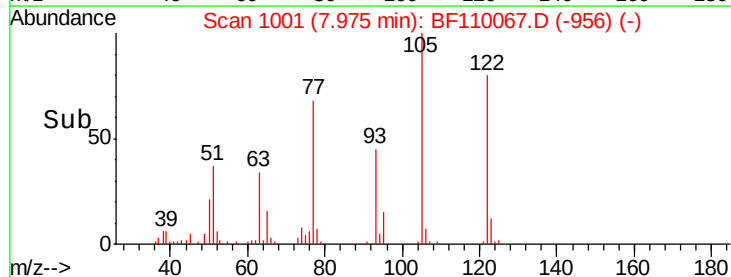
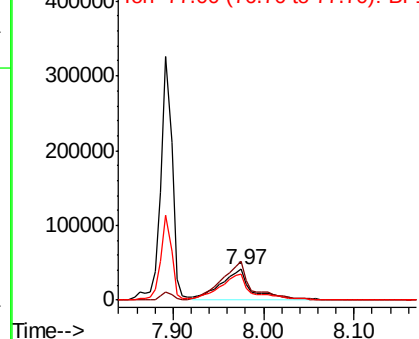
Lab File: BF110067.D

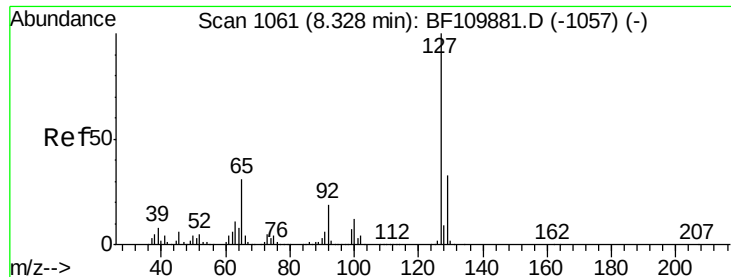
Acq: 23 Oct 2018 00:23

Tgt Ion:	122	Resp:	96313
Ion Ratio	Lower	Upper	
122	100		
105	124.7	109.0	149.0
77	86.5	79.0	119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





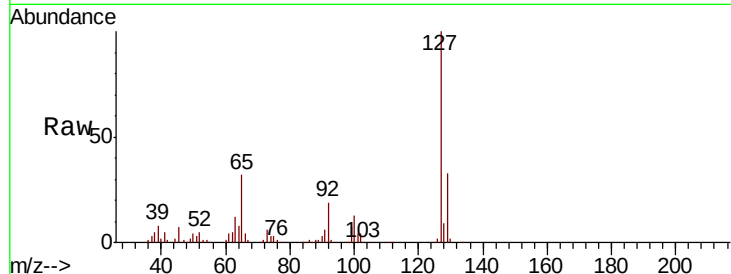
#33
4-Chloroaniline
Concen: 13.675 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :
PB114045BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		208058		
129	33.0	26.0	39.0		
65	32.3	25.1	37.7		
92	19.2	15.0	22.6		

Manual Integrations
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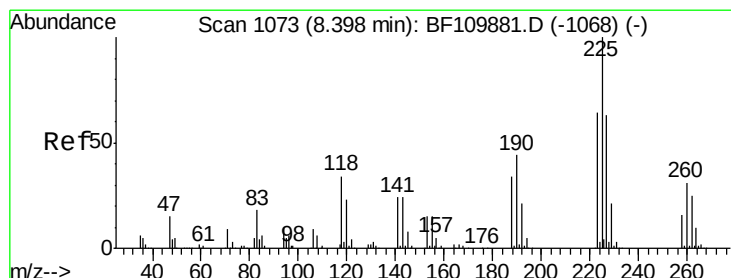
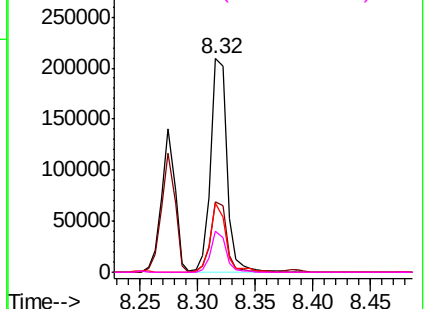
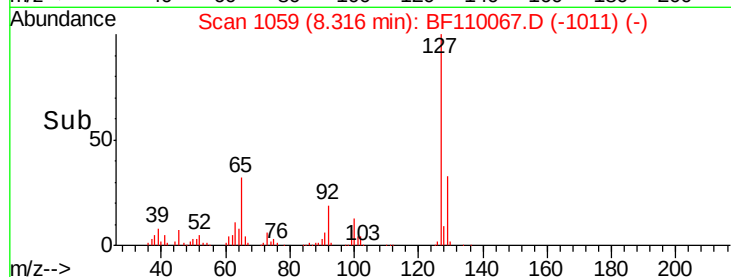
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

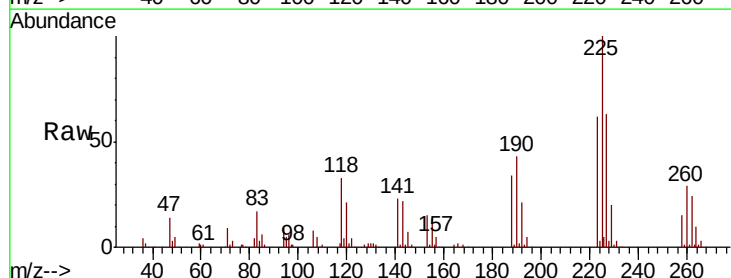
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 24.130 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		149875		
223	61.6	51.4	77.2		
227	63.1	51.0	76.6		

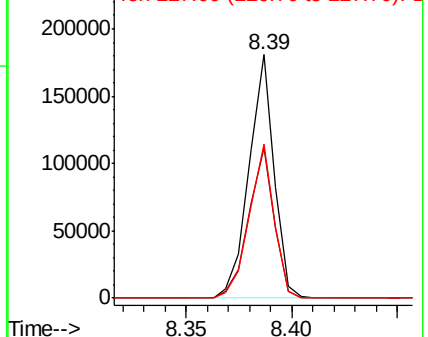
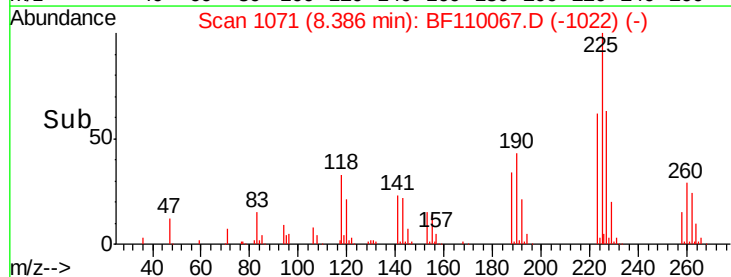


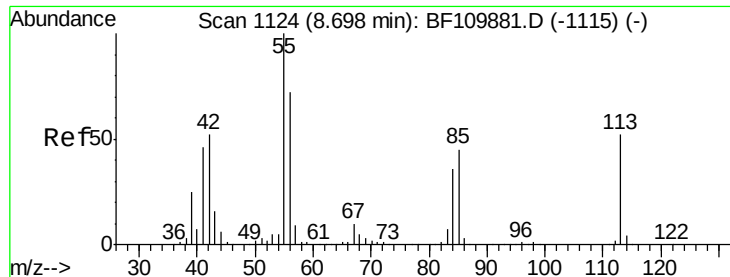
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





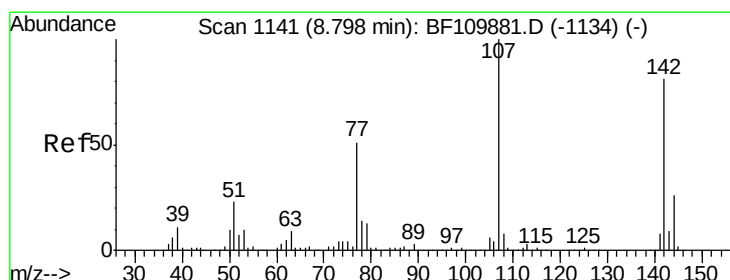
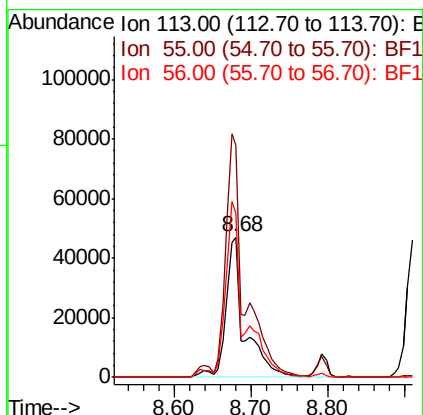
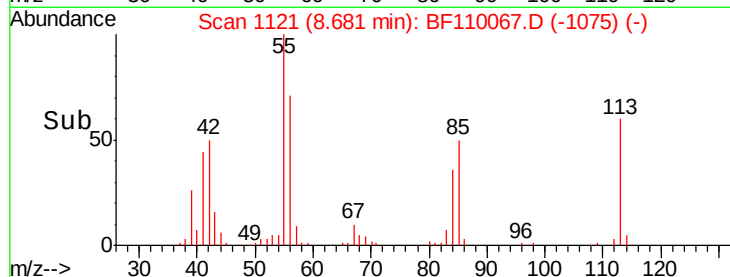
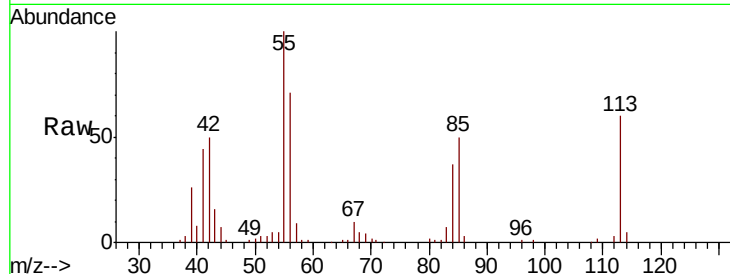
#35
Caprolactam
Concen: 24.199 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. -0.03 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleID :
PB114045BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.3	142.8	182.8
56	117.0	105.0	145.0

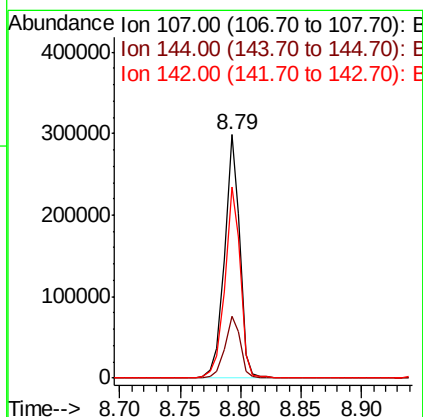
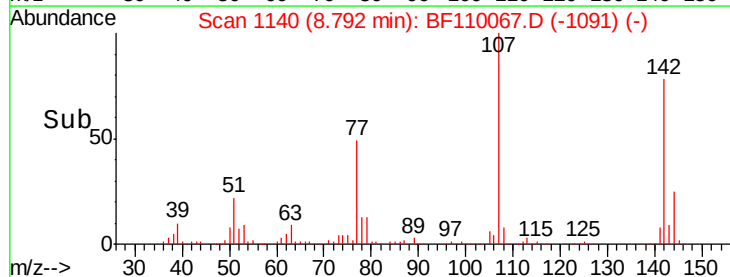
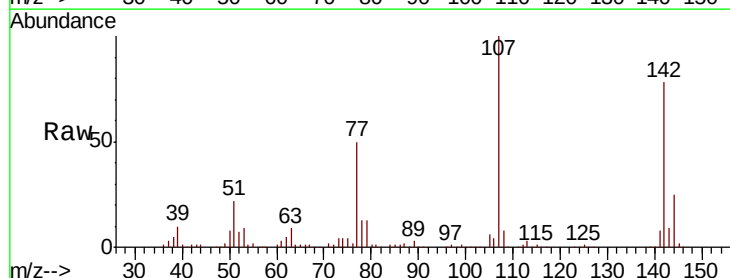
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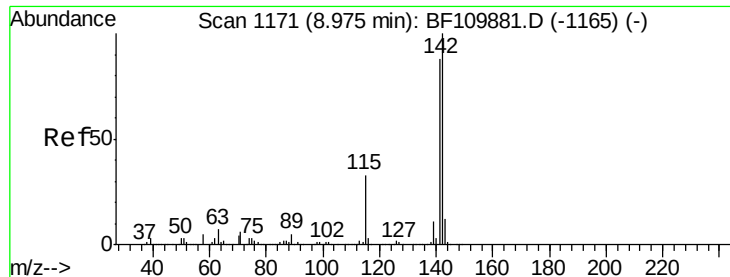
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#36
4-Chloro-3-methylphenol
Concen: 24.456 ng/ml
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.0	30.0
142	78.5	59.7	89.5





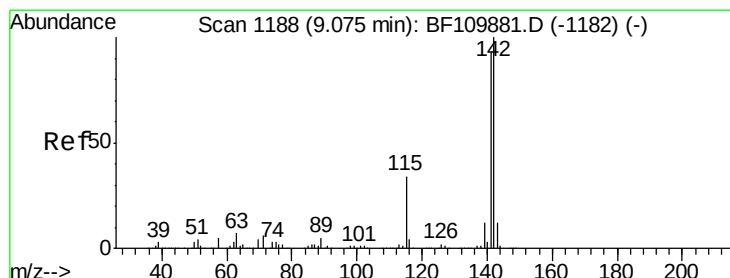
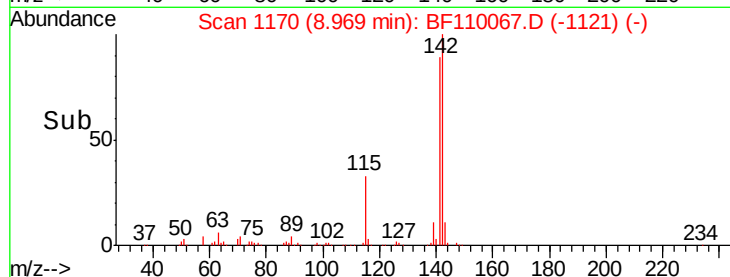
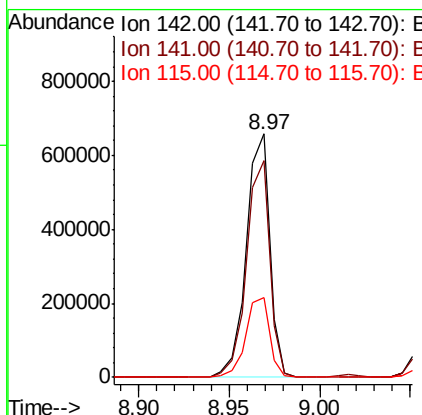
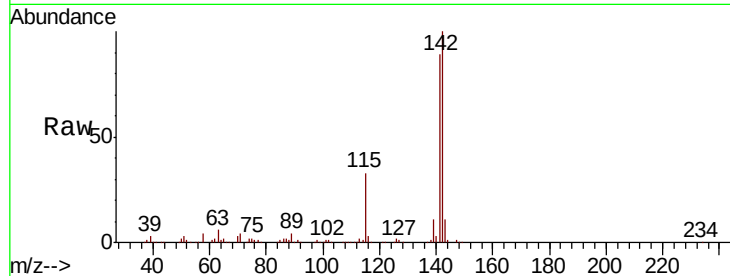
#37
2-Methylnaphthalene
Concen: 27.118 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :
PB114045BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.2
115	32.7	28.7	43.1

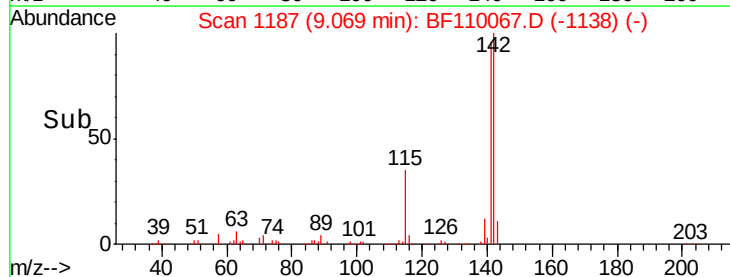
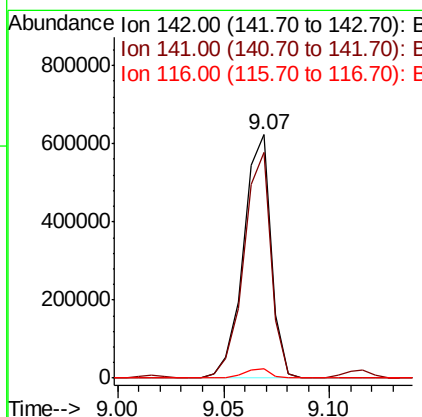
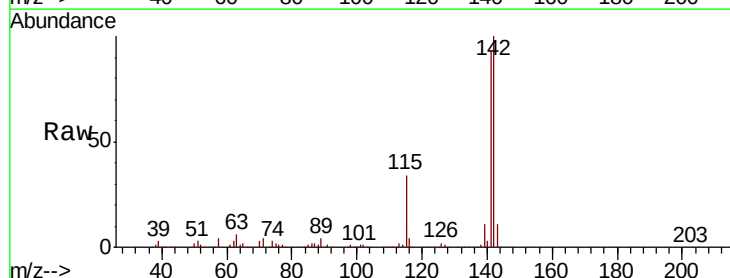
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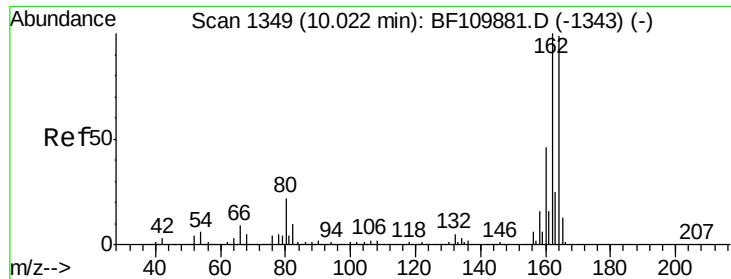
Sohil
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#38
1-Methylnaphthalene
Concen: 26.692 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.2	111.4
116	3.7	2.6	4.0





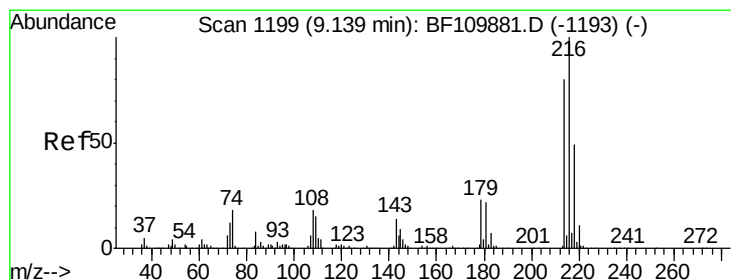
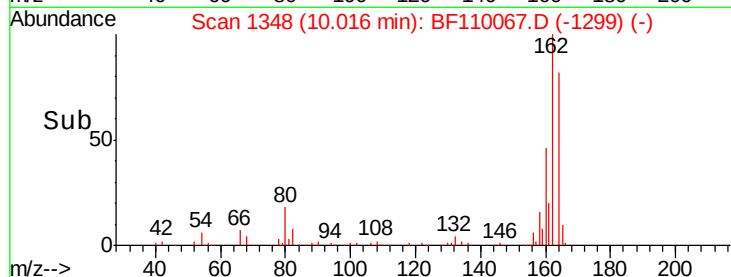
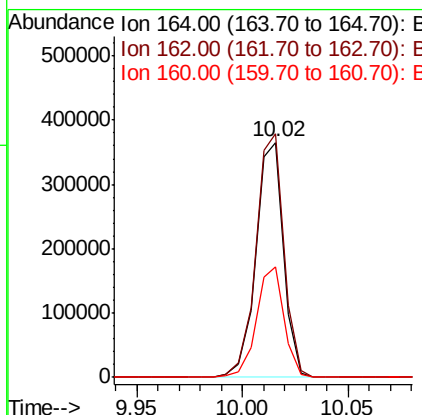
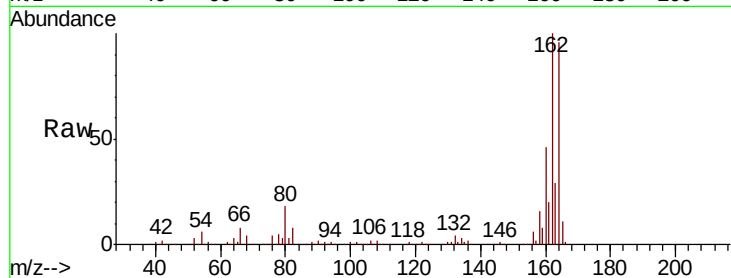
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :
PB114045BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.0	124.6
160	47.3	37.0	55.6

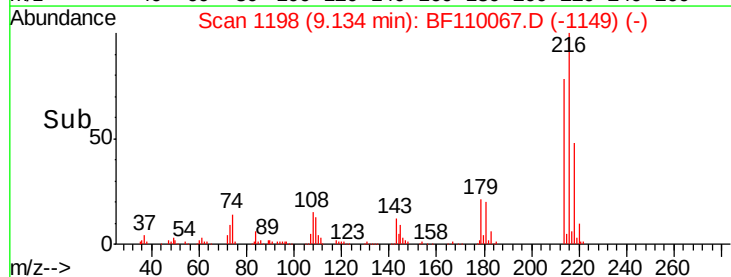
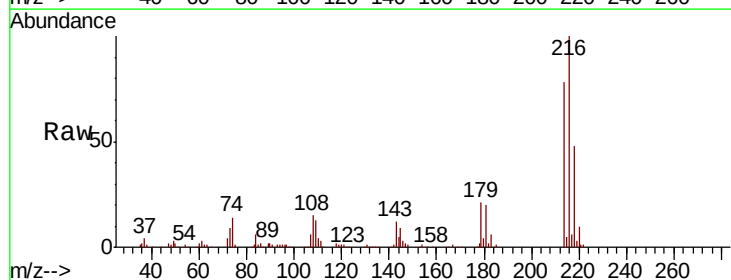
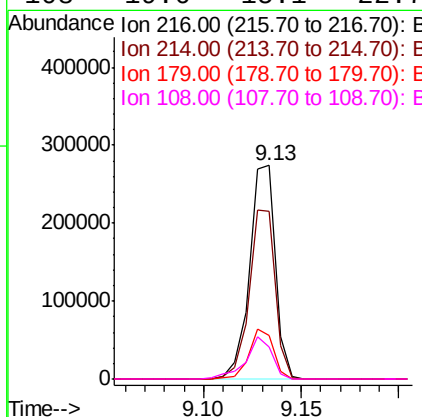
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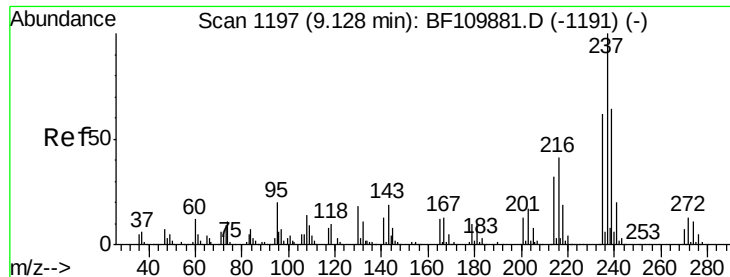
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10/23/2018 2:18:59 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 24.629 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.8	95.6
179	22.2	16.6	25.0
108	19.6	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 28.363 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

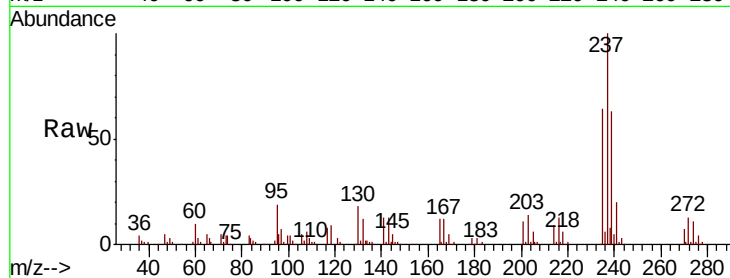
ClientSampleId :

PB114045BS

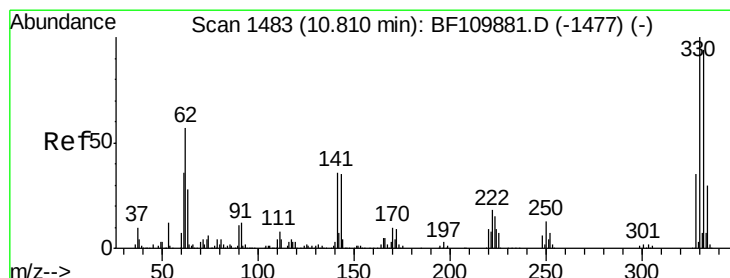
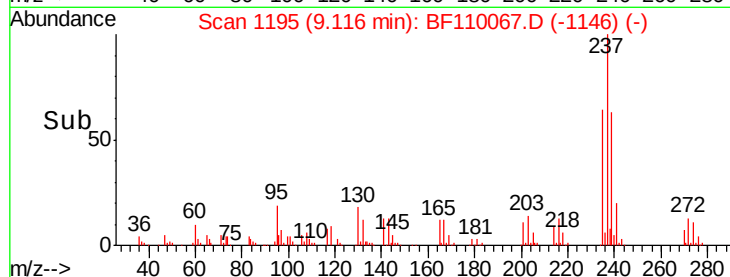
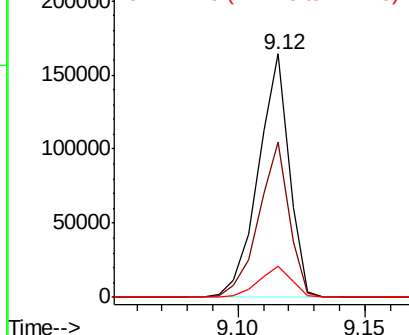
Tot Ion:	237	Resp:	140088
Ion Ratio	Lower	Upper	
237	100		
235	64.0	43.1	83.1
272	12.8	0.0	32.6

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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: 50.637 ng

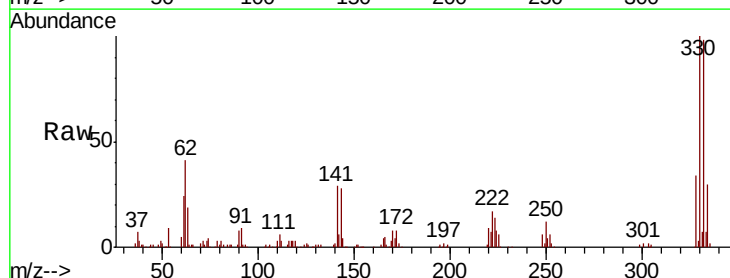
RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

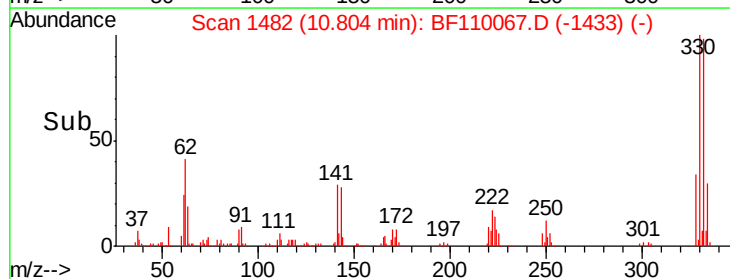
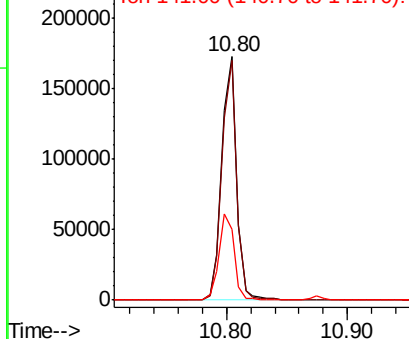
Lab File: BF110067.D

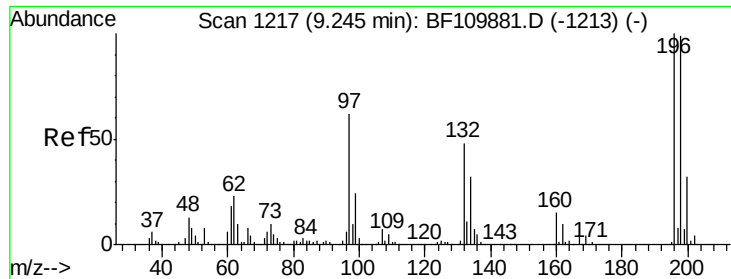
Acq: 23 Oct 2018 00:23

Tgt Ion:	330	Resp:	145652
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.1	115.7
141	36.0	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





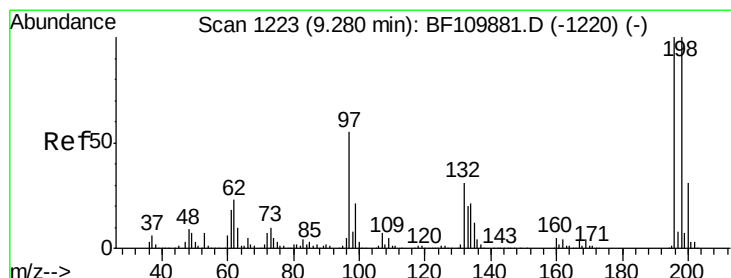
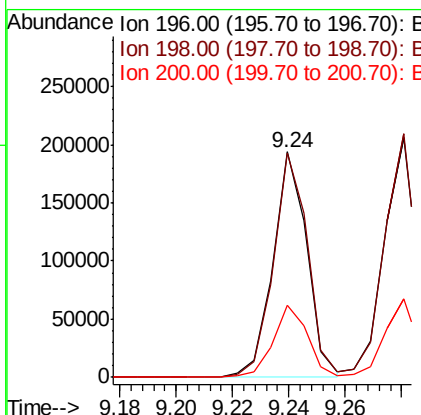
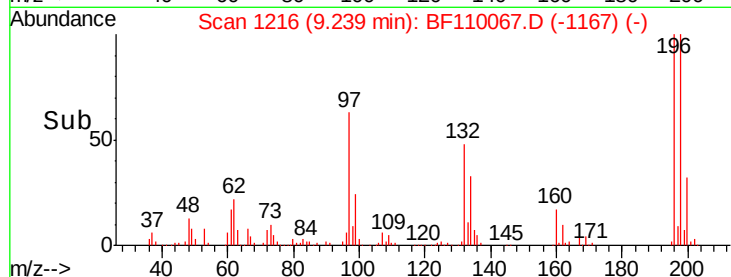
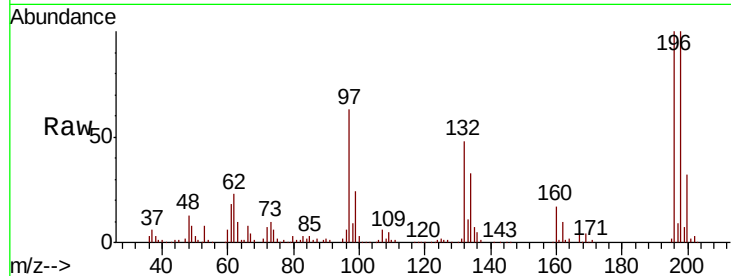
#43
 2,4,6-Trichlorophenol
 Concen: 25.199 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

Instrument :
 BNA_F
 ClientSampled :
 PB114045BS

Tot Ion:	196	Resp:	161242
Ion Ratio	Lower	Upper	
196	100		
198	99.7	76.2	114.4
200	31.7	24.4	36.6

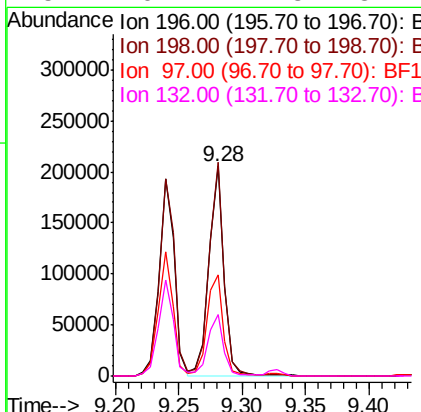
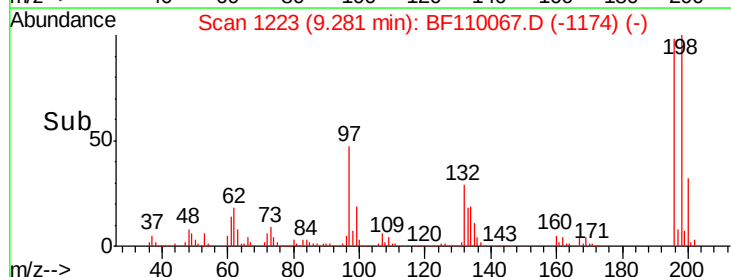
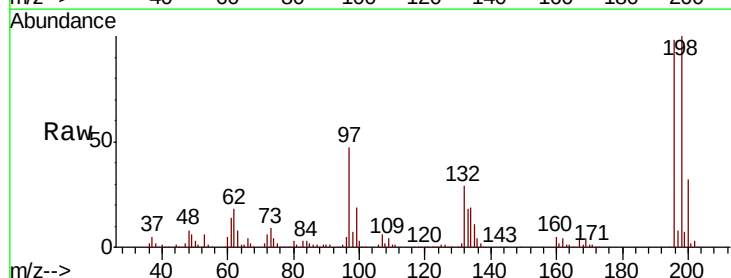
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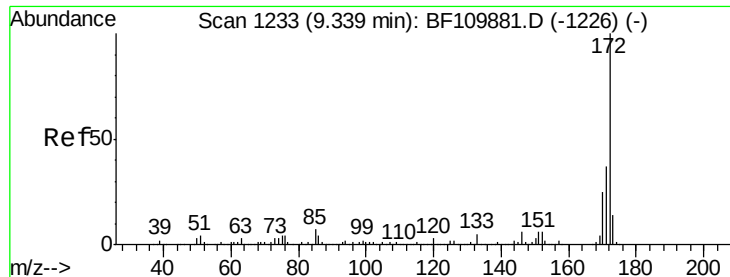
Sohil
 10/23/2018 2:18:59 PM



#44
 2,4,5-Trichlorophenol
 Concen: 26.293 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

Tgt Ion:	196	Resp:	174612
Ion Ratio	Lower	Upper	
196	100		
198	101.8	75.8	113.6
97	48.2	42.4	63.6
132	29.2	22.8	34.2





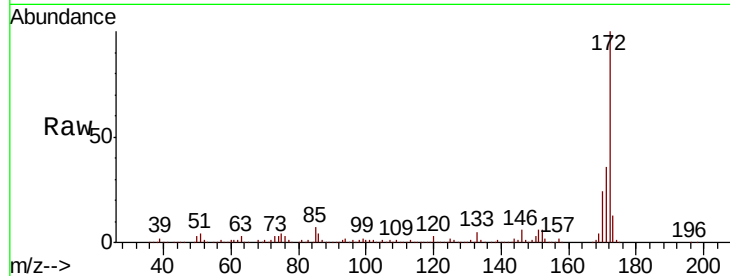
#45
2-Fluorobiphenyl
Concen: 56.961 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :
PB114045BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.3	19.7	29.5

Manual Integrations
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Sohil
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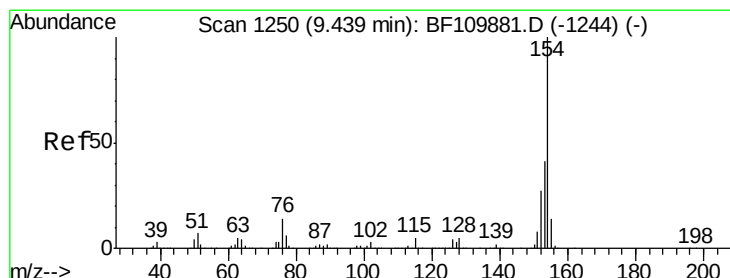
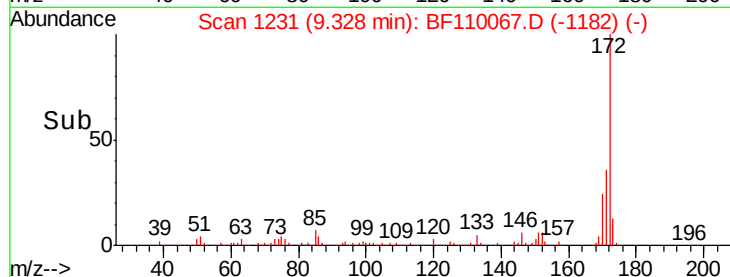
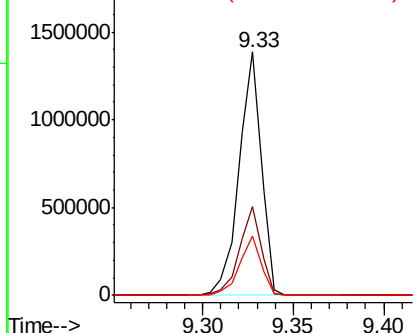


Abundance

Ion 172.00 (171.70 to 172.70): E

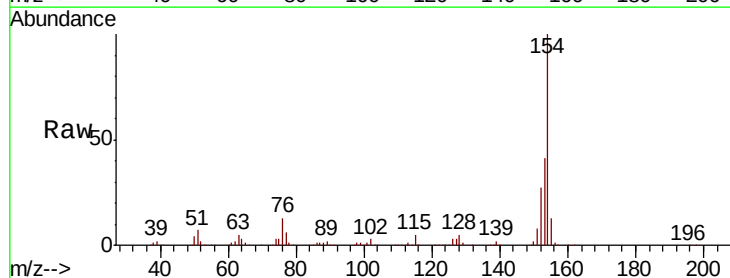
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 24.174 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.4	60.4
76	12.5	0.0	31.9

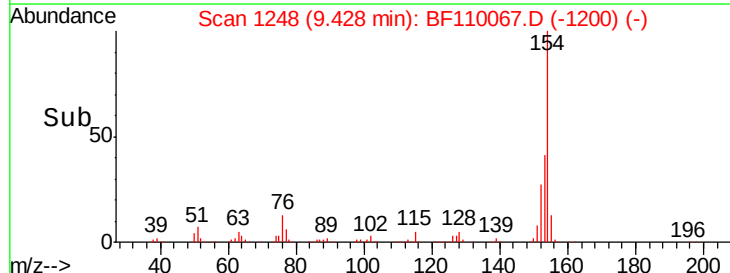
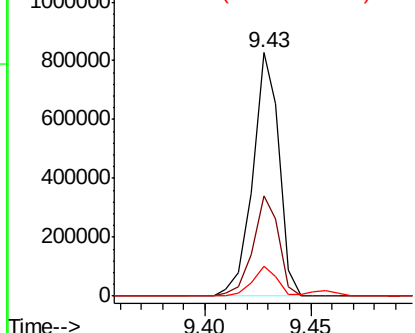


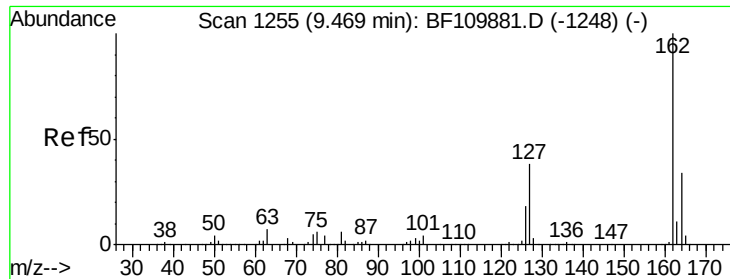
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





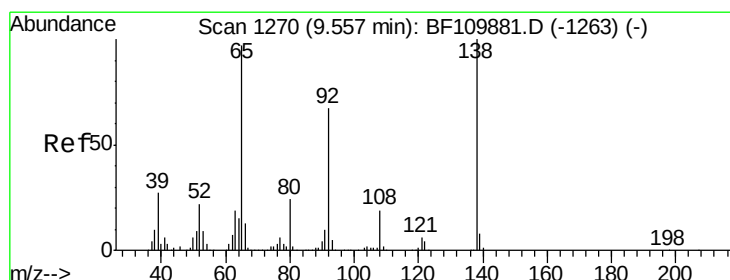
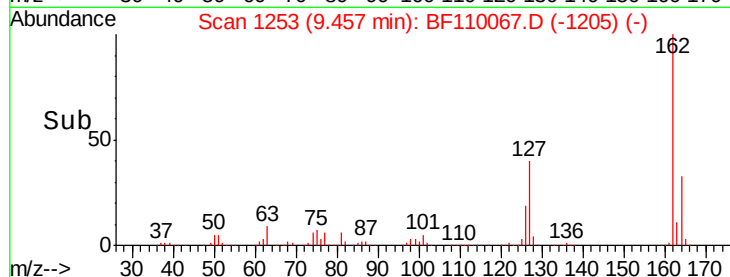
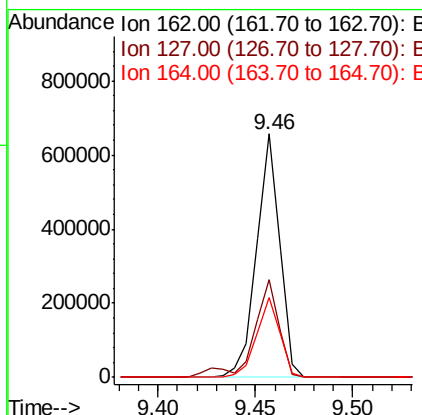
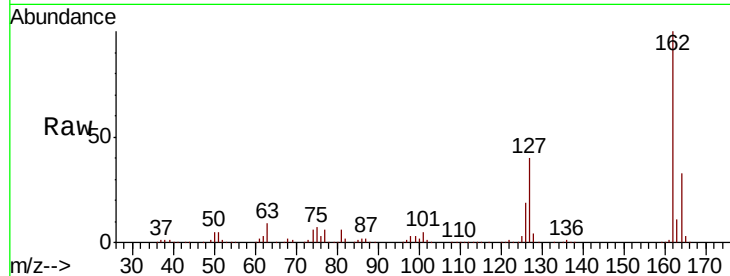
#47
2-Chloronaphthalene
Concen: 24.795 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :
PB114045BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	540634		
127	40.3	32.6	48.8	
164	32.9	25.9	38.9	

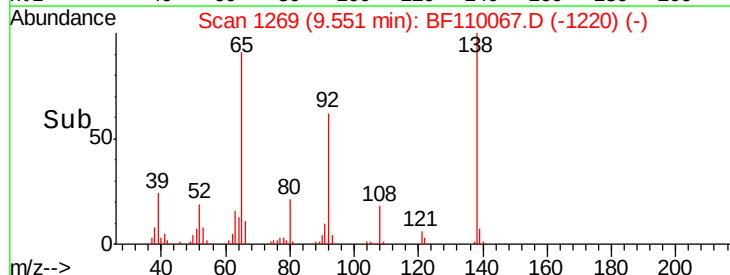
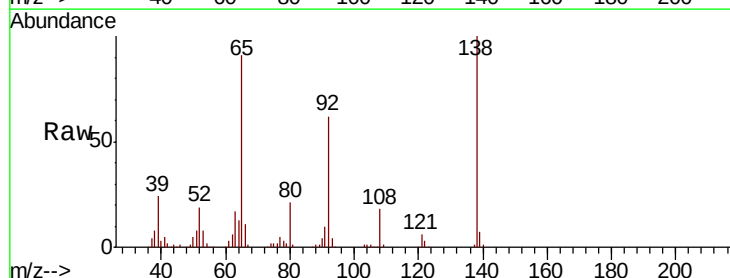
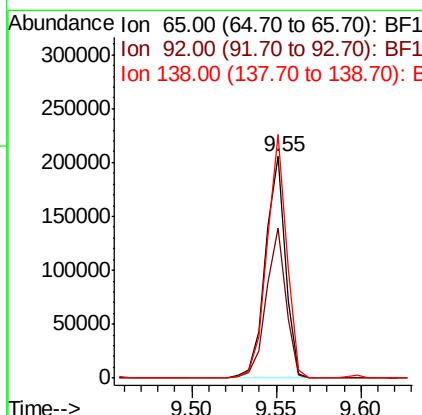
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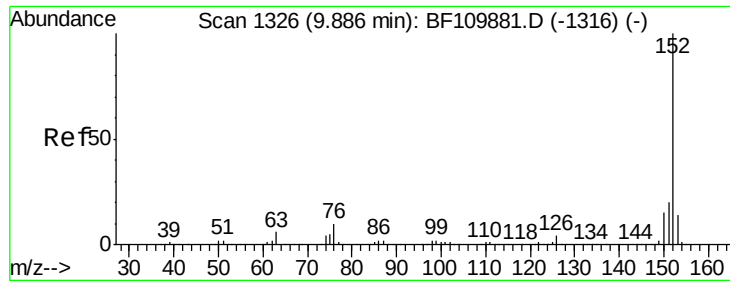
Sohil
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#48
2-Nitroaniline
Concen: 30.178 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	168864		
92	67.6	54.6	81.8	
138	109.8	80.3	120.5	





#49

Acenaphthylene

Concen: 26.009 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

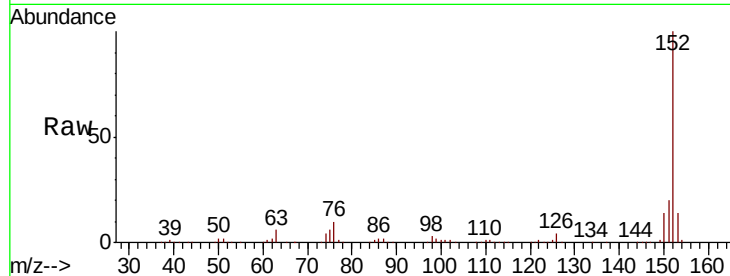
ClientSampleId :

PB114045BS

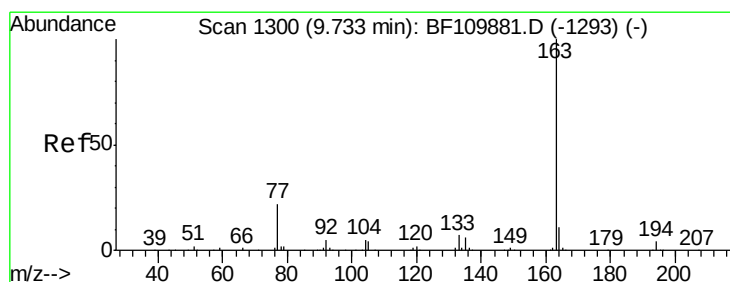
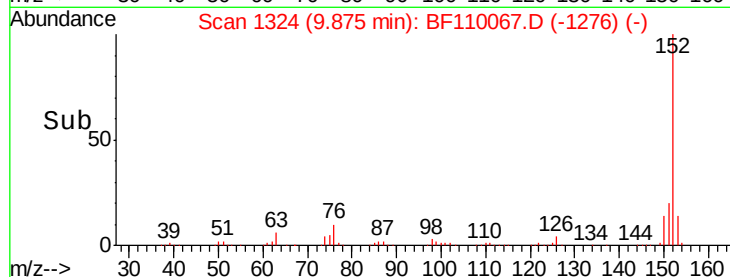
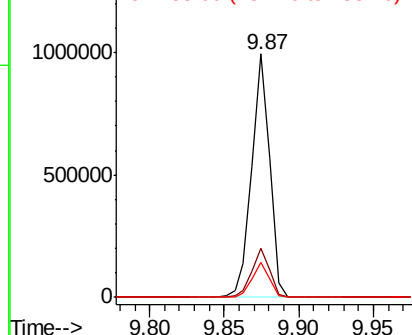
Tot Ion:	152	Resp:	823849
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.8	23.8
153	14.1	10.4	15.6

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 26.783 ng

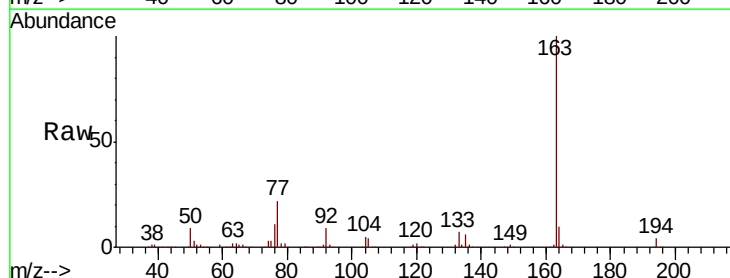
RT: 9.72 min Scan# 1298

Delta R.T. -0.02 min

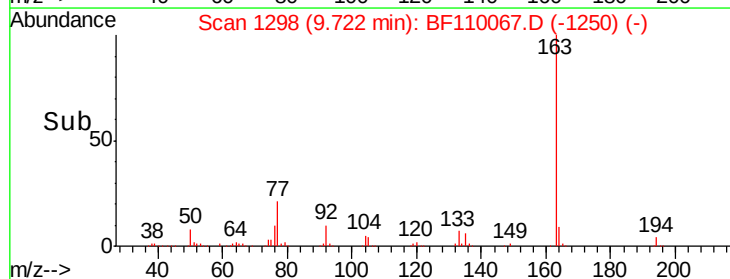
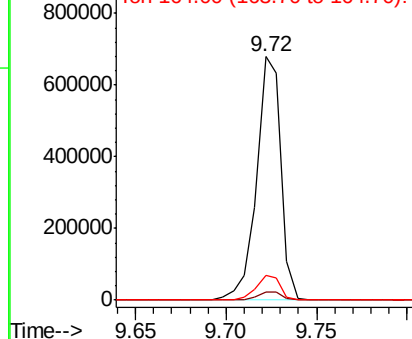
Lab File: BF110067.D

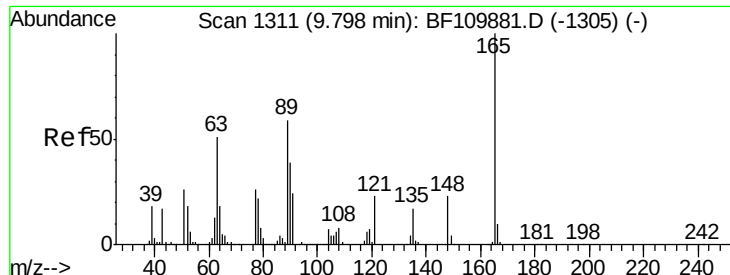
Acq: 23 Oct 2018 00:23

Tgt Ion:	163	Resp:	630072
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.2	4.8
164	10.4	8.1	12.1



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





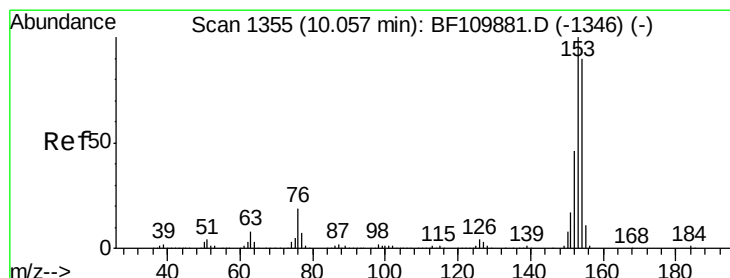
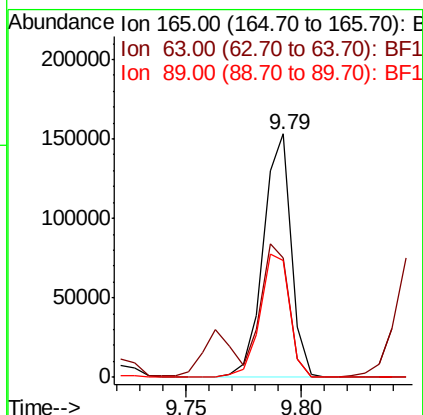
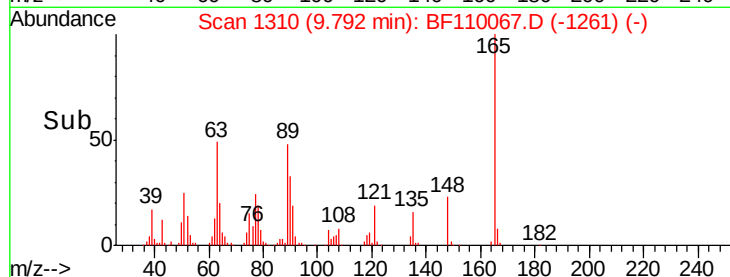
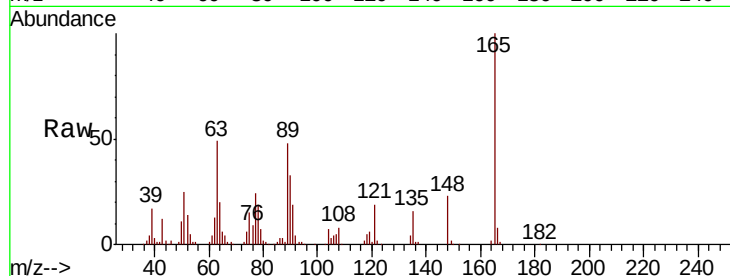
#51
2,6-Dinitrotoluene
Concen: 28.843 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :
PB114045BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	128877		
63	49.2		48.9	73.3
89	48.0		46.6	69.8

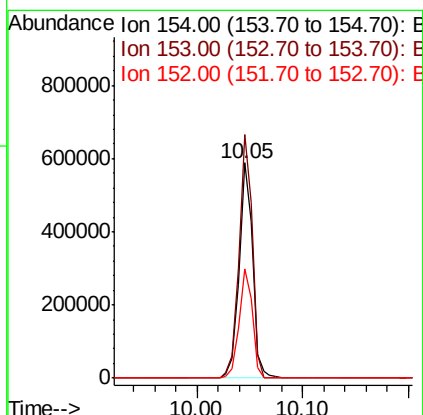
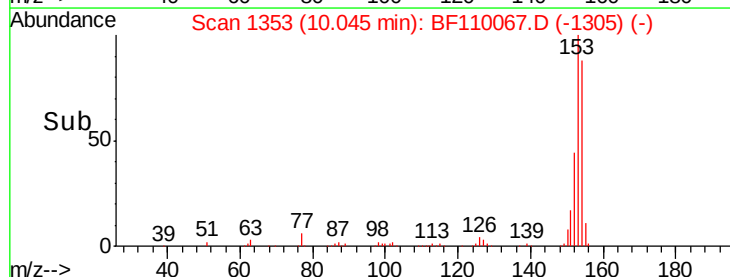
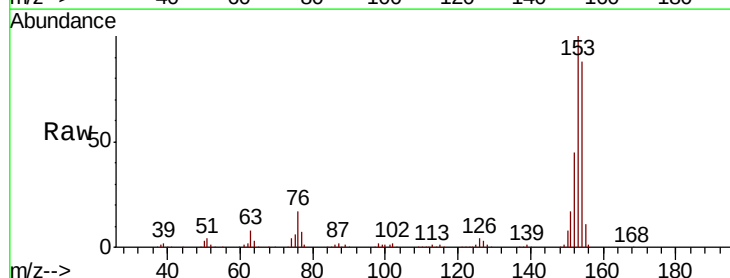
Manual Integrations
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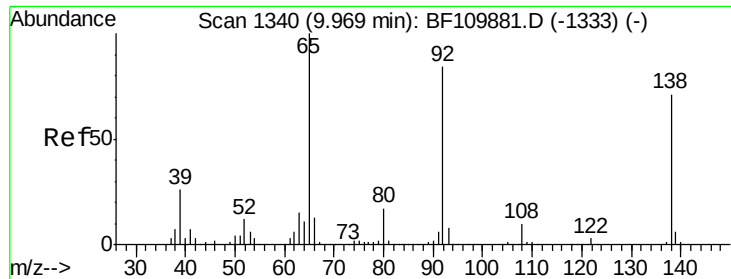
Sohil
10/23/2018 2:18:59 PM



#52
Acenaphthene
Concen: 25.271 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	509626		
153	113.3		90.1	135.1
152	50.6		43.4	65.2





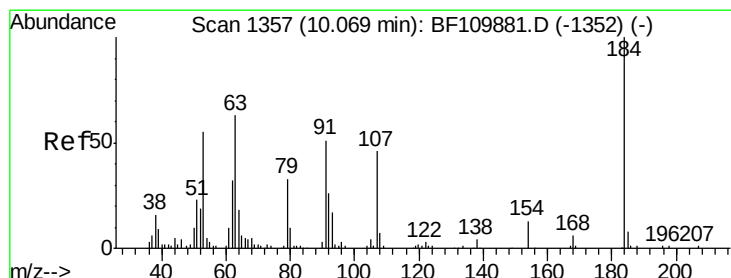
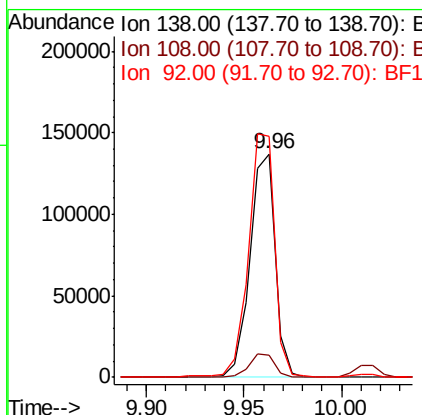
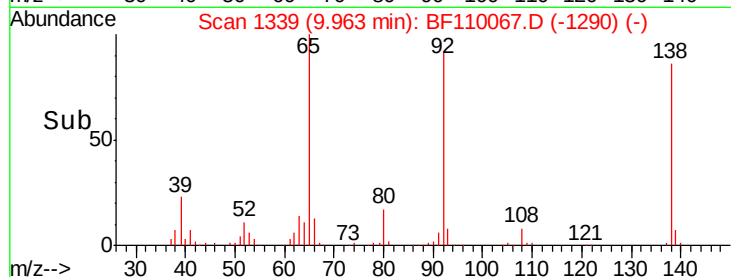
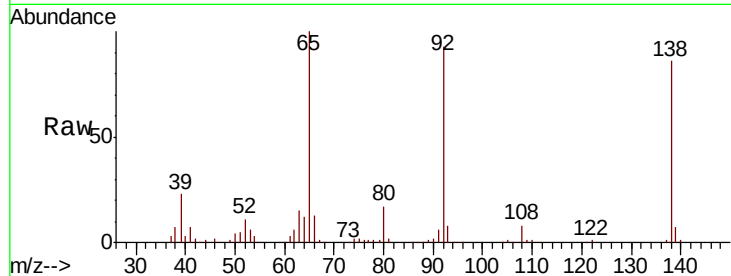
#53
3-Nitroaniline
Concen: 22.688 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :
PB114045BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.7	13.1
92	107.8	97.0	145.4

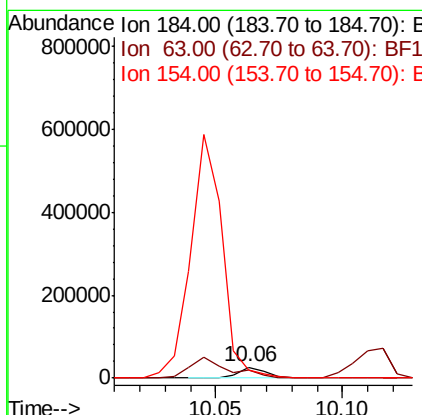
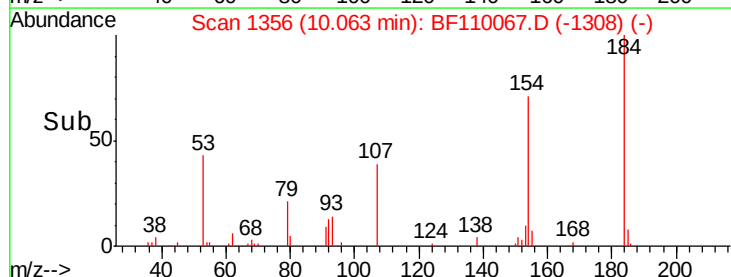
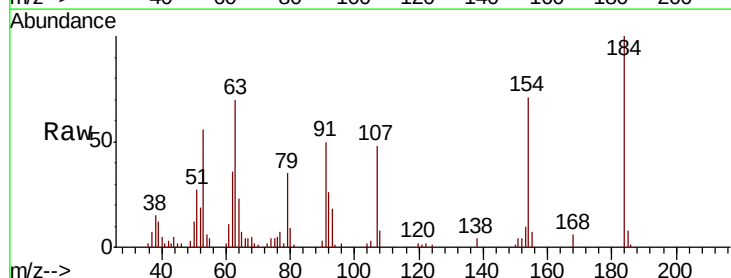
Manual Integrations
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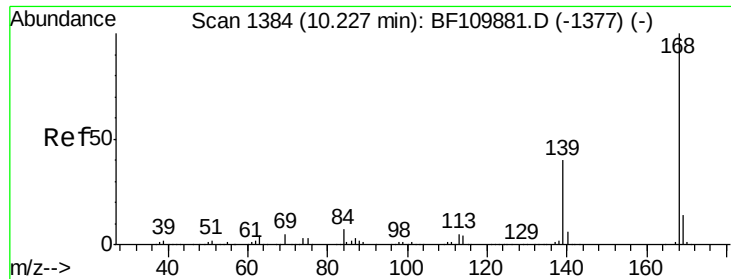
Sohil
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#54
2,4-Dinitrophenol
Concen: 21.566 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.7	55.8	83.6
154	71.0	63.2	94.8





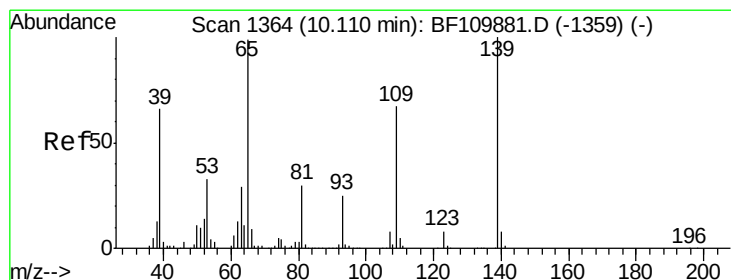
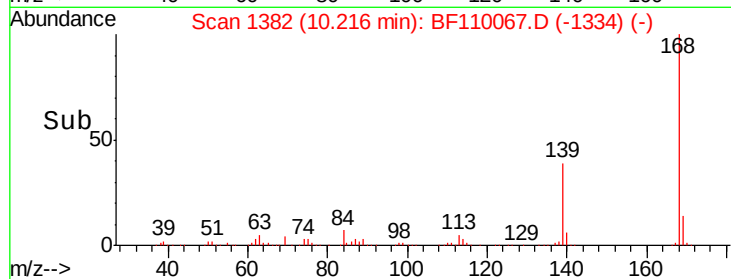
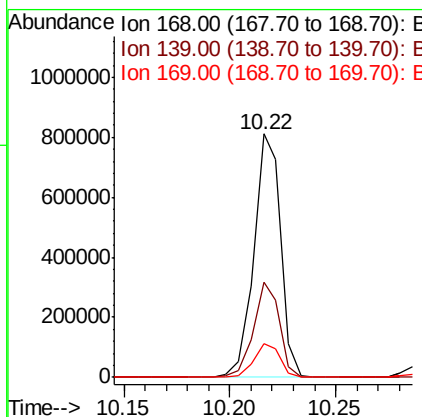
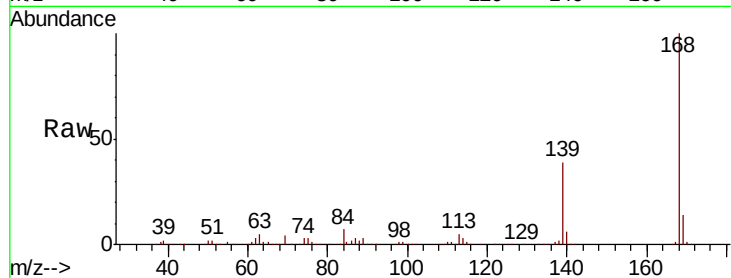
#55
Dibenzenofuran
Concen: 24.908 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :
PB114045BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	33.0	49.6
169	13.7	11.3	16.9

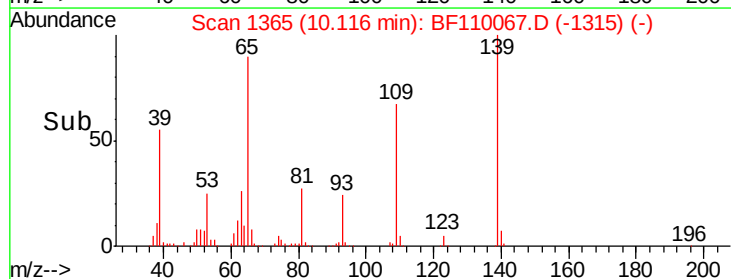
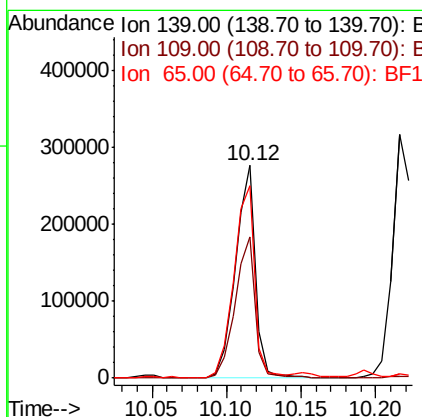
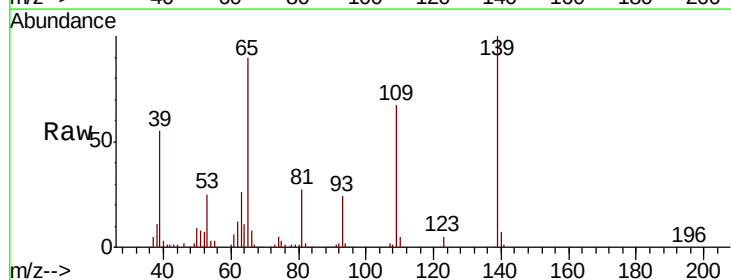
Manual Integrations
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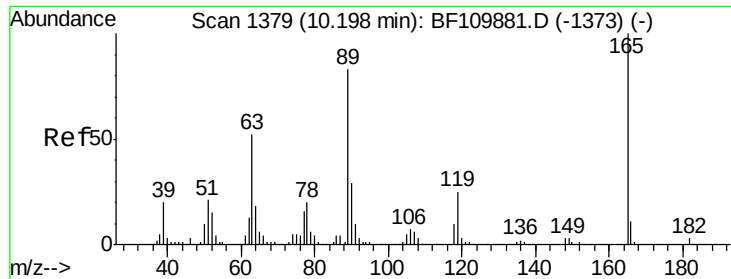
Sohil
10/23/2018 2:18:59 PM



#56
4-Nitrophenol
Concen: 63.025 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.7	55.8	95.8
65	90.3	77.9	117.9





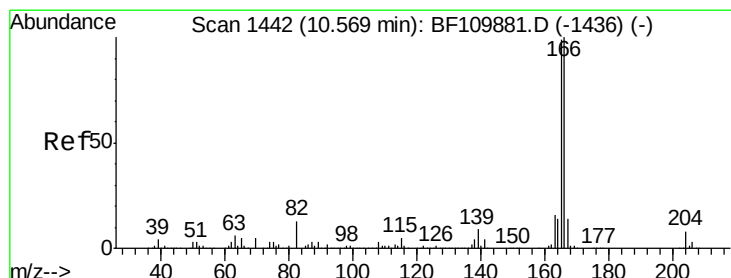
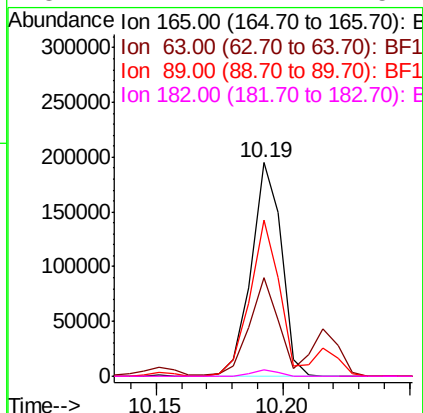
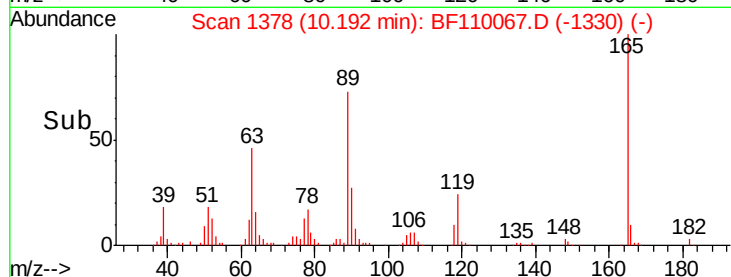
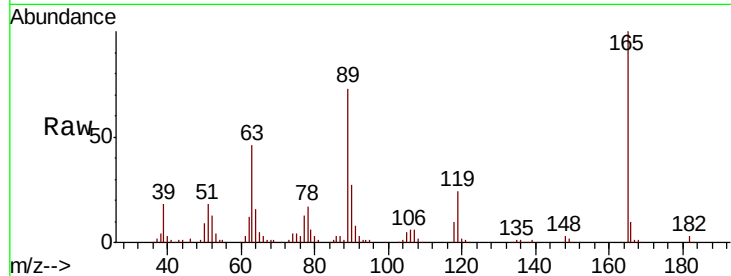
#57
2,4-Dinitrotoluene
Concen: 30.598 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :
PB114045BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	162339		
63	46.3		44.8	67.2
89	73.2		62.2	93.4
182	2.7		2.1	3.1

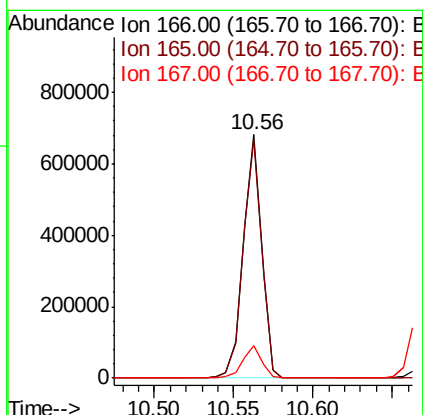
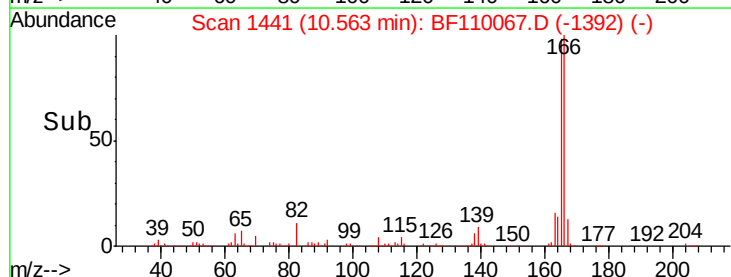
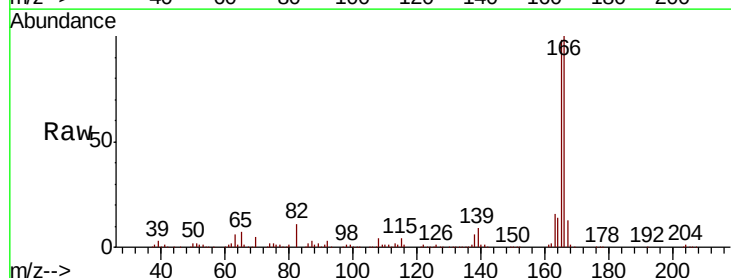
Manual Integrations
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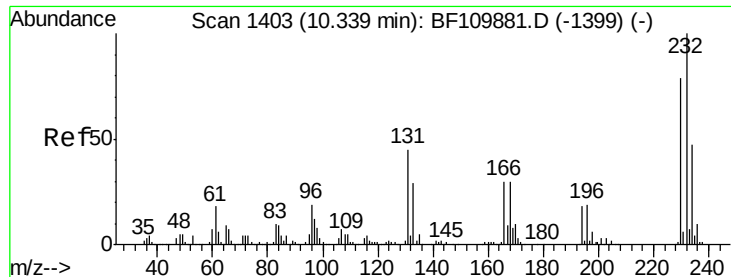
Sohil
10/23/2018 2:18:59 PM



#58
Fluorene
Concen: 26.004 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	544409		
165	98.0		78.6	117.8
167	13.3		10.8	16.2





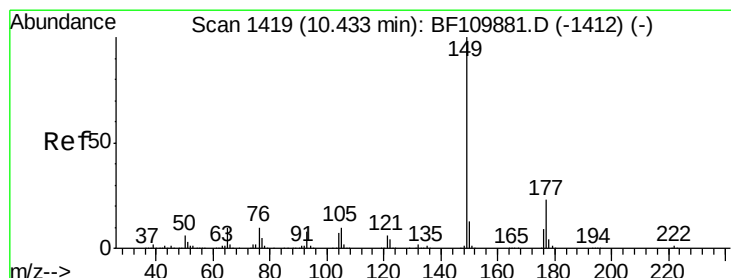
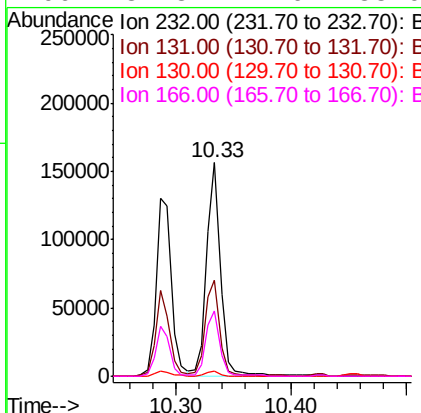
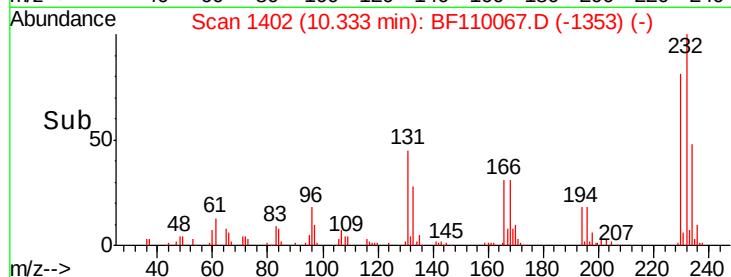
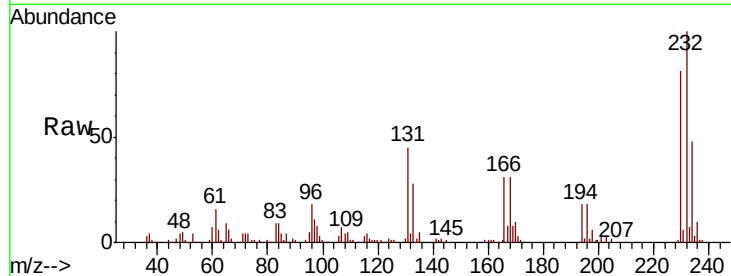
#59
2,3,4,6-Tetrachlorophenol
Concen: 25.113 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :
PB114045BS

Tot Ion:	232	Resp:	132178
Ion Ratio	Lower	Upper	
232	100		
131	45.7	37.0	55.4
130	2.2	1.8	2.6
166	31.3	22.0	33.0

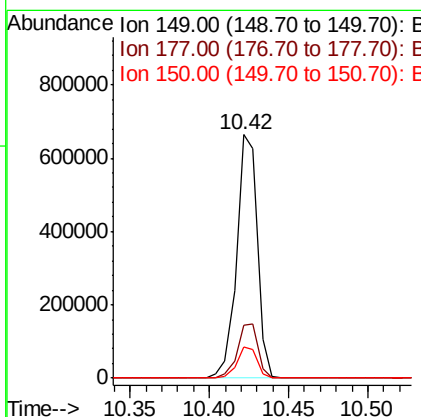
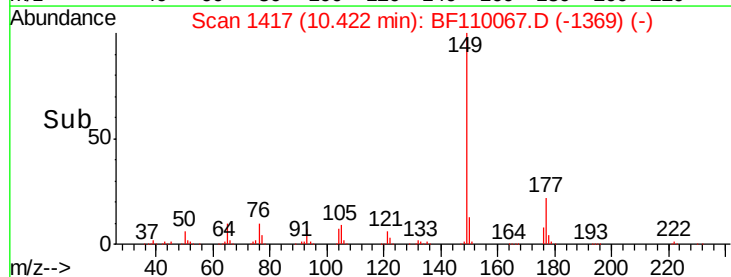
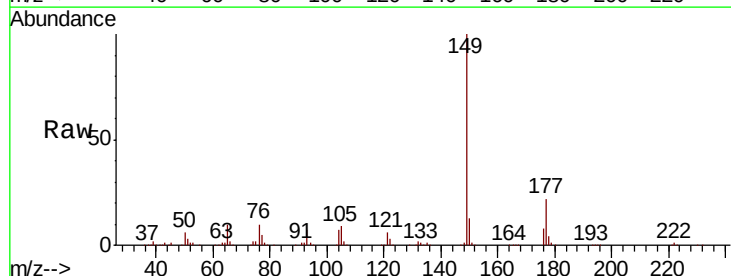
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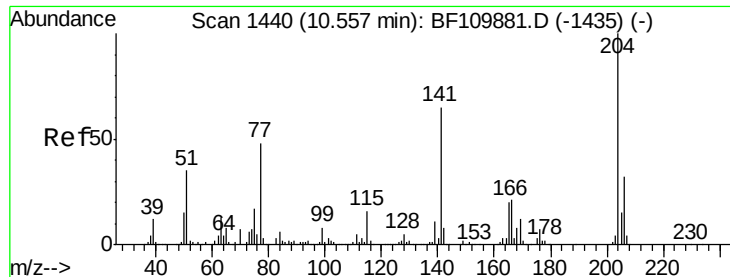
Sohil
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#60
Diethylphthalate
Concen: 25.948 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion:	149	Resp:	602906
Ion Ratio	Lower	Upper	
149	100		
177	21.6	17.4	26.2
150	12.6	9.8	14.8





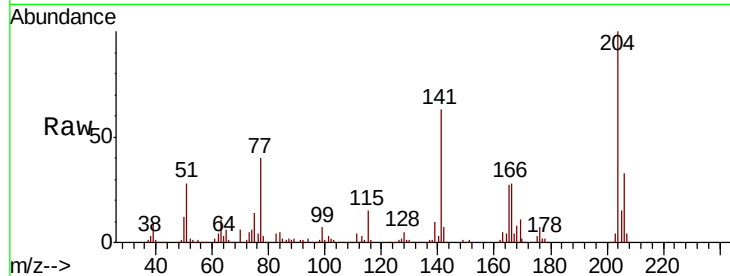
#61
4-Chlorophenyl-phenylether
Concen: 24.539 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :
PB114045BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	63.2	51.8	77.8

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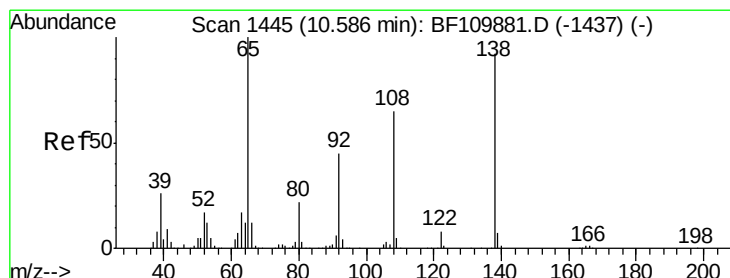
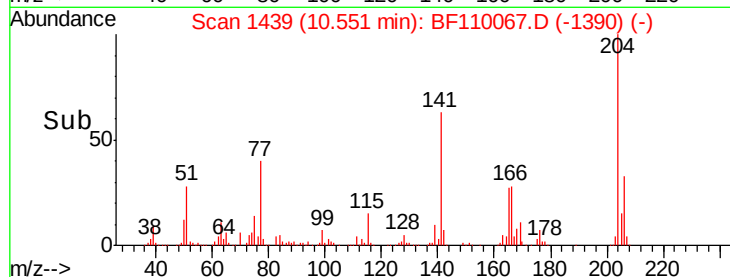
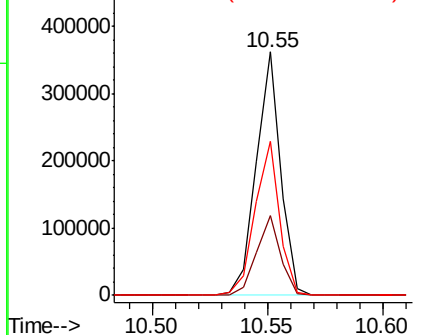


Abundance

Ion 204.00 (203.70 to 204.70): E

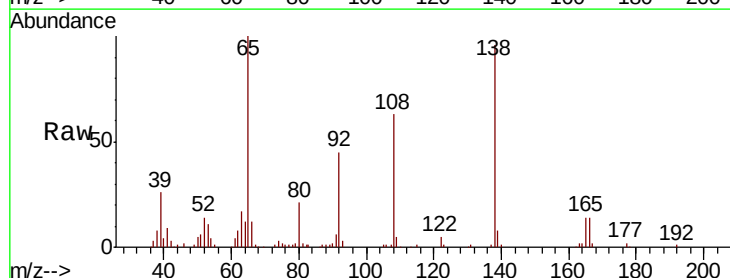
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 23.944 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.8	31.7	71.7
108	66.2	59.3	99.3

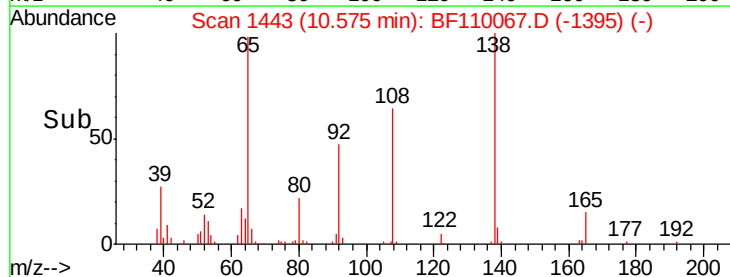
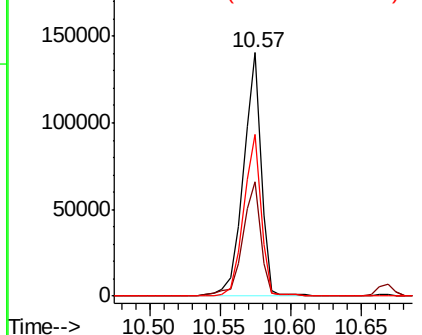


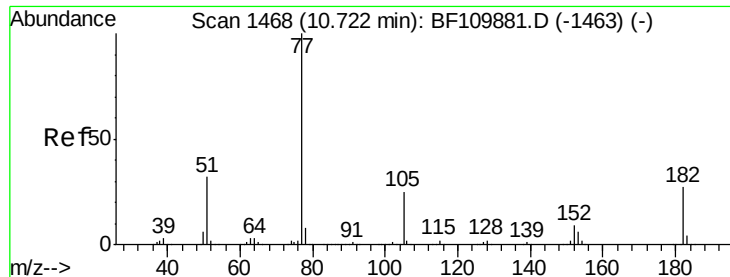
Abundance

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





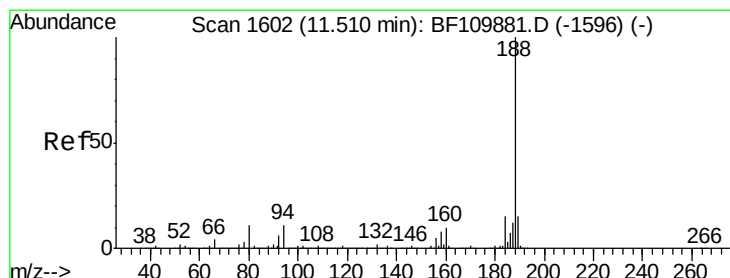
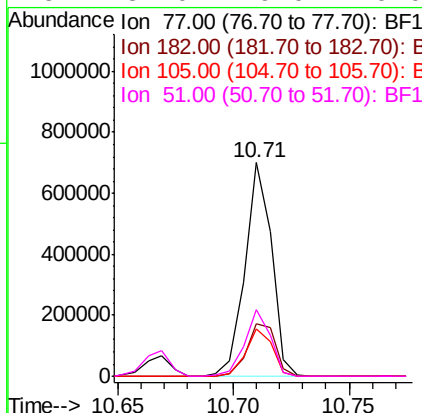
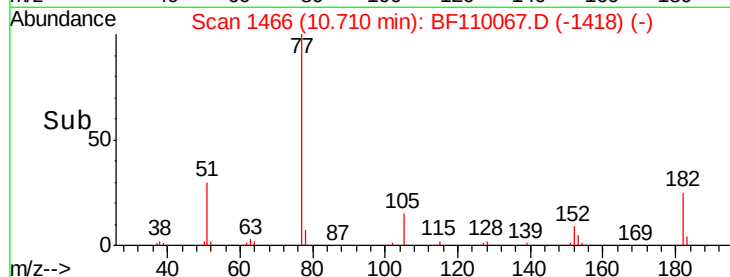
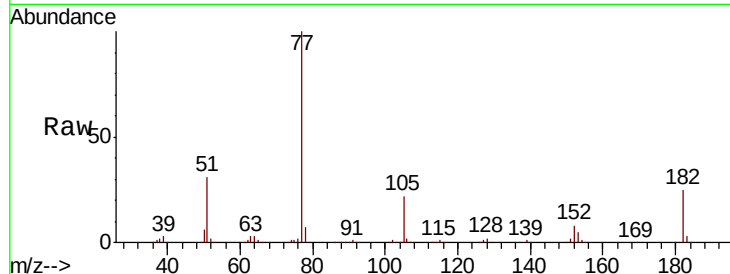
#63
Azobenzene
Concen: 23.294 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :
PB114045BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	24.6	4.3	44.3		
105	22.1	1.3	41.3		
51	31.0	9.0	49.0		

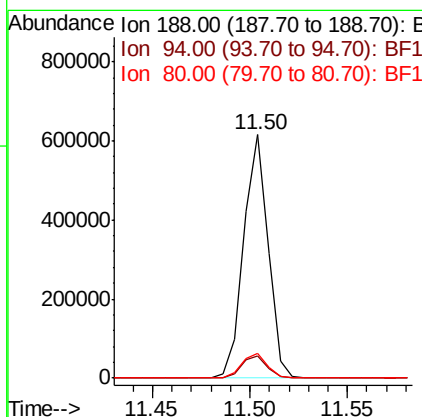
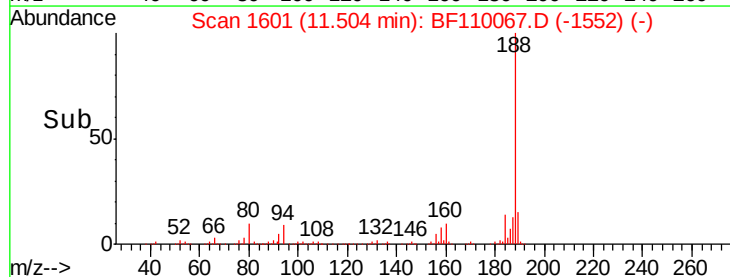
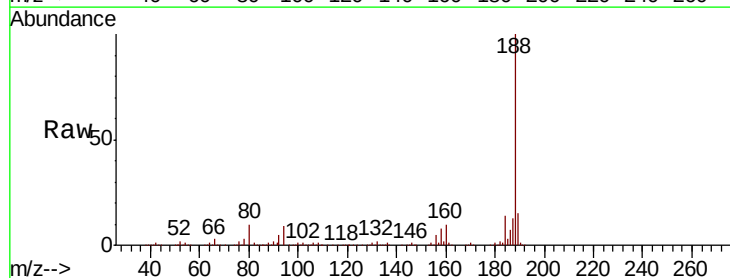
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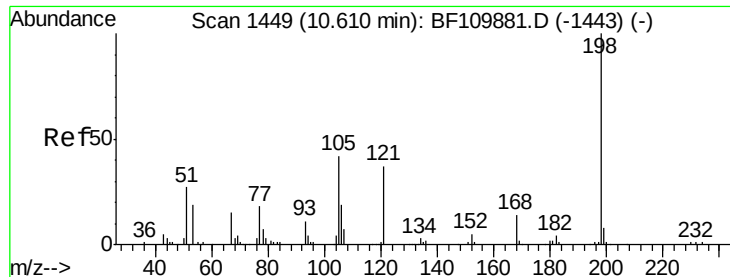
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.4	7.2	10.8		
80	10.0	7.9	11.9		





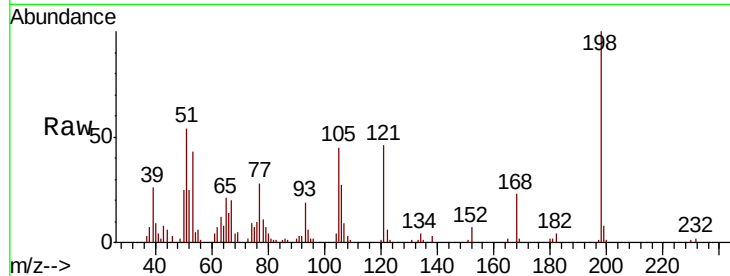
#65
4,6-Dinitro-2-methylphenol
Concen: 17.461 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :
PB114045BS

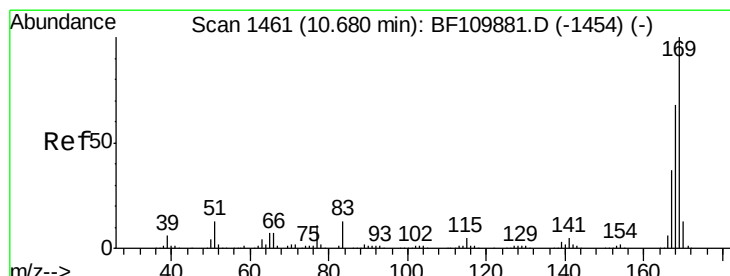
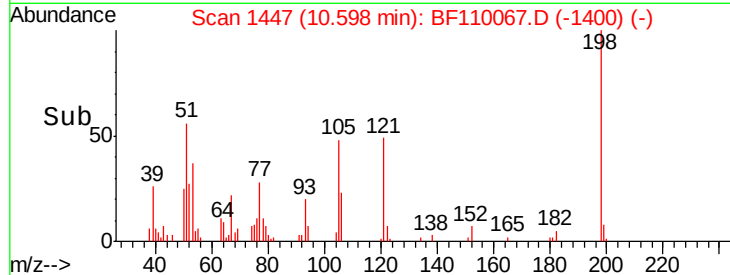
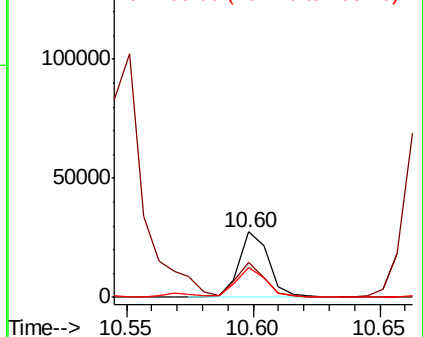
Tot Ion	Ratio	Resp	Lower	Upper
198	100	22131		
51	53.5	22.8	62.8	
105	45.4	23.6	63.6	

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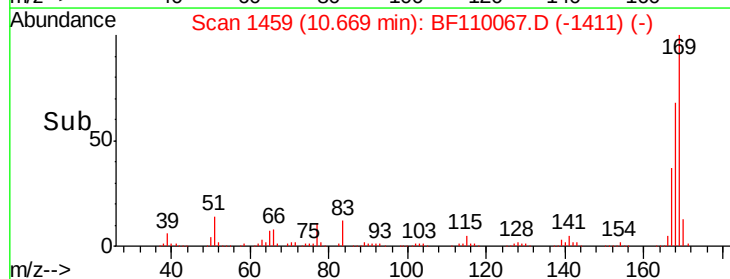
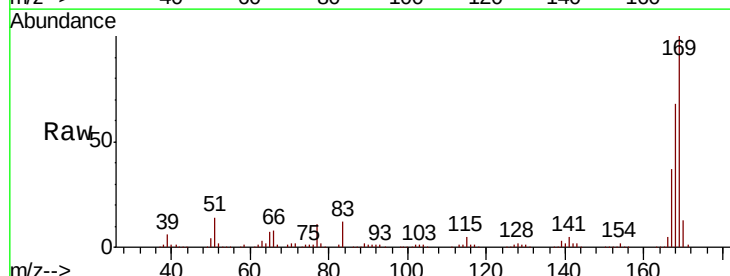
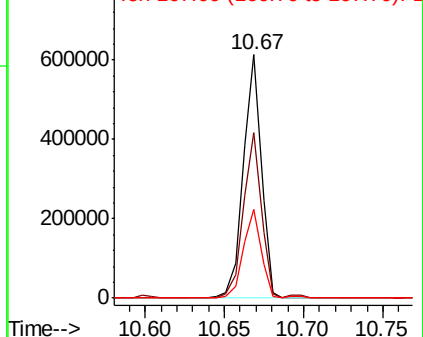
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

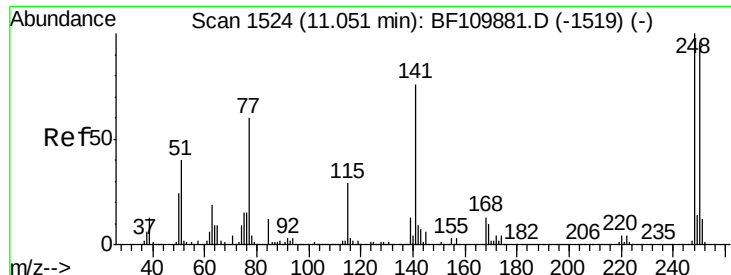


#66
n-Nitrosodiphenylamine
Concen: 27.138 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	482629		
168	67.9	51.2	76.8	
167	36.6	27.8	41.6	

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





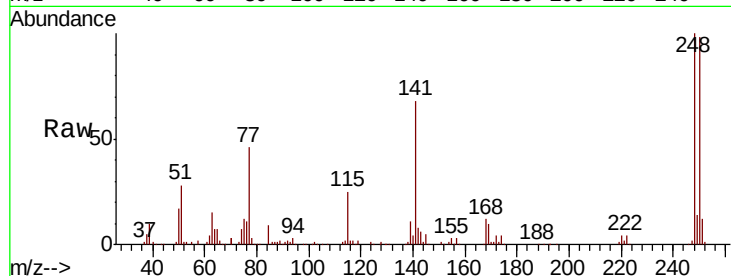
#67
 4-Bromophenyl-phenylether
 Concen: 26.647 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

Instrument :
 BNA_F
 ClientSampleId :
 PB114045BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	79.4	119.2
141	68.0	55.9	83.9

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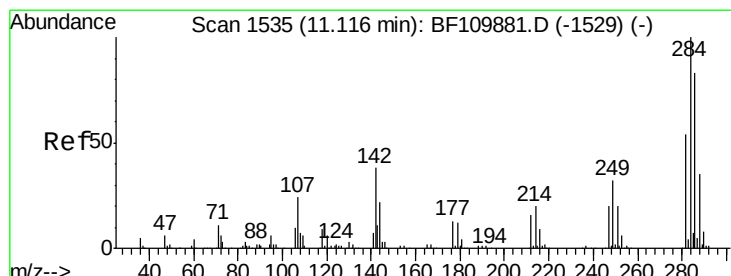
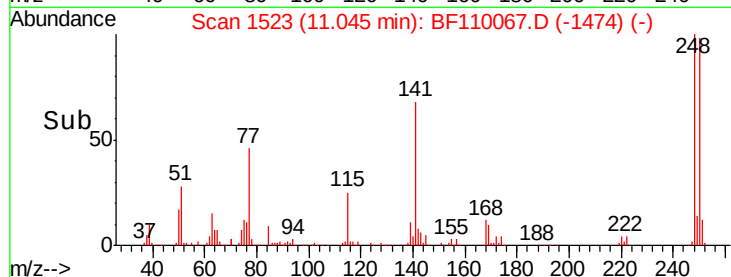
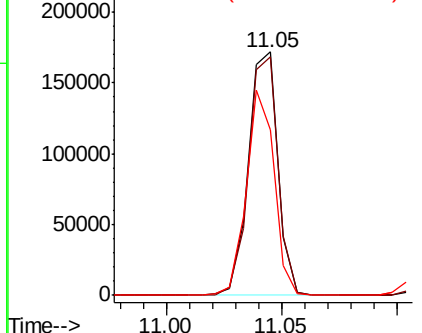


Abundance

Ion 248.00 (247.70 to 248.70): E

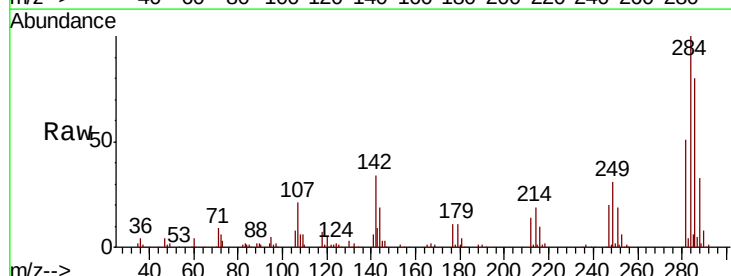
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 25.089 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.02 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.4	23.9	35.9
249	30.6	24.2	36.2

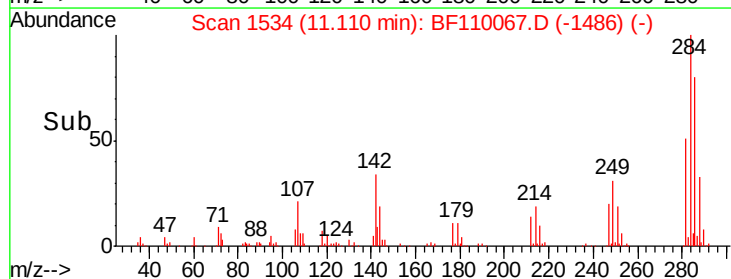
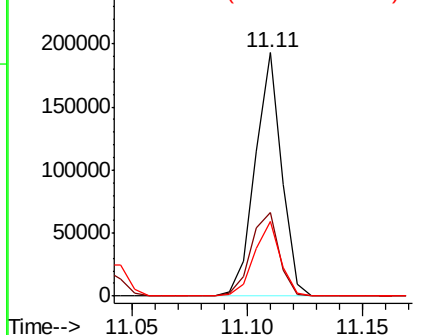


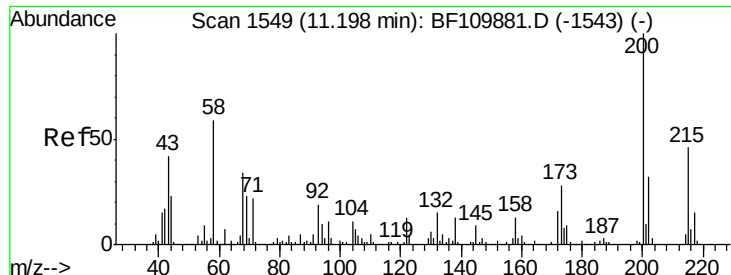
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





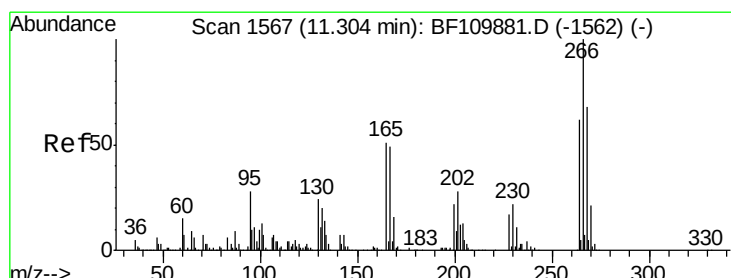
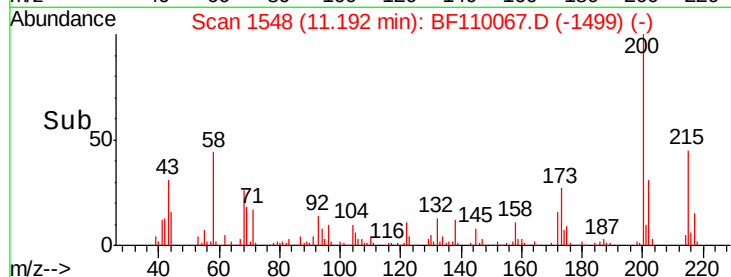
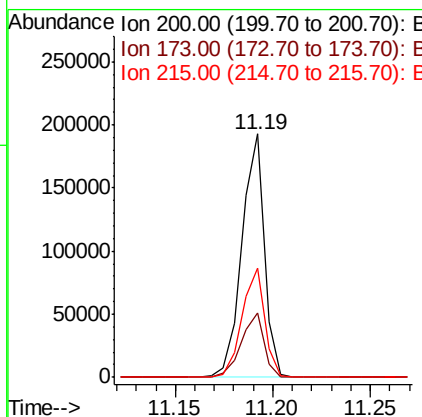
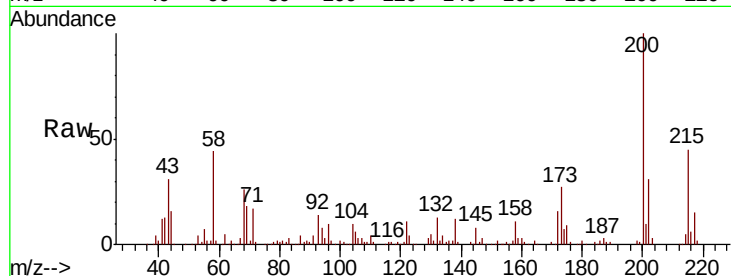
#69
 Atrazine
 Concen: 27.782 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

Instrument :
 BNA_F
 ClientSampleId :
 PB114045BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.6	46.6
215	45.0	26.3	66.3

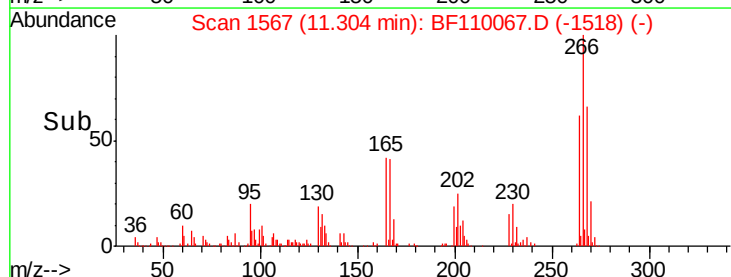
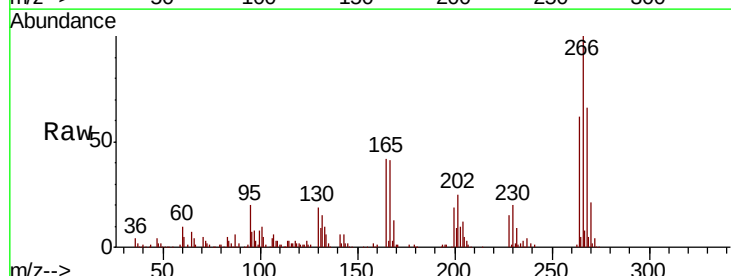
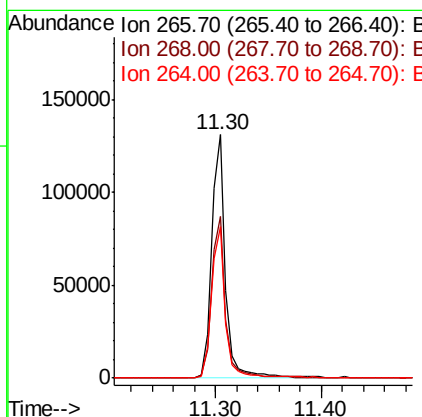
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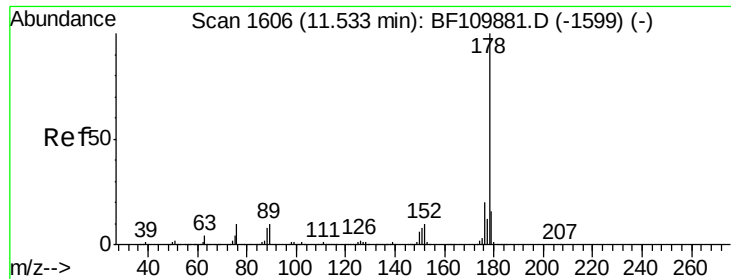
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#70
 Pentachlorophenol
 Concen: 34.679 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.3	50.6	75.8
264	62.2	50.6	75.8





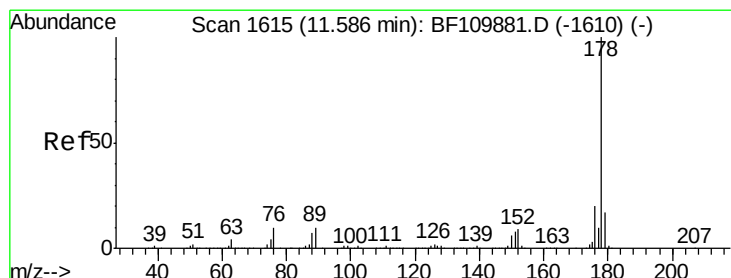
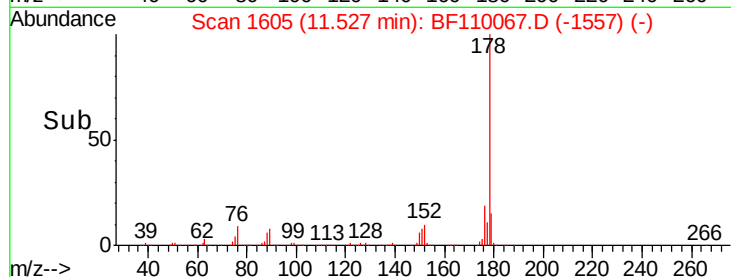
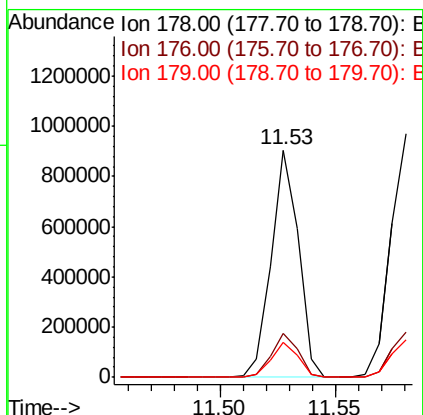
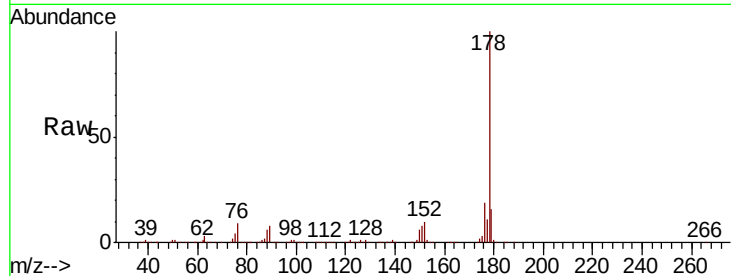
#71
Phenanthrene
Concen: 26.749 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :
PB114045BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.6	12.5	18.7

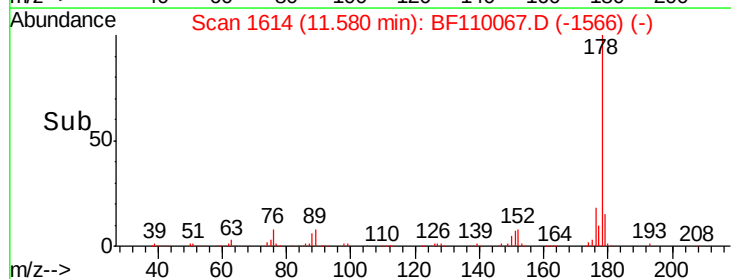
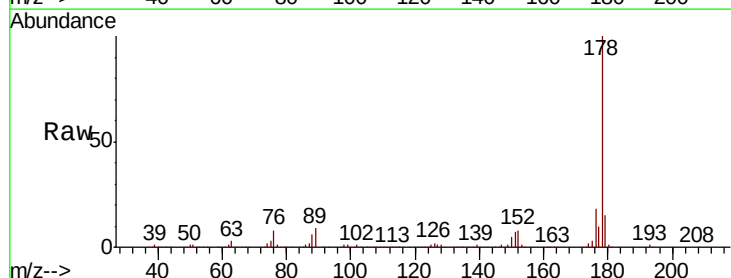
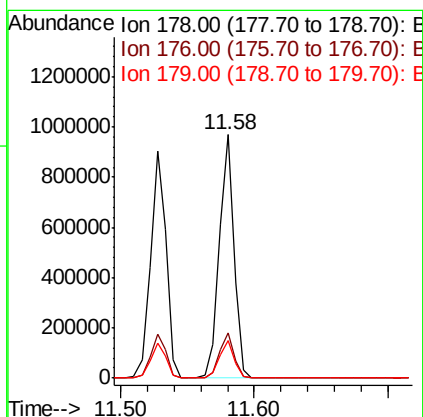
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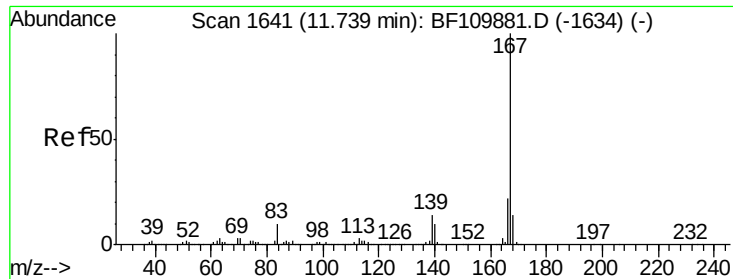
Sohil
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#72
Anthracene
Concen: 27.255 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.5	12.6	18.8





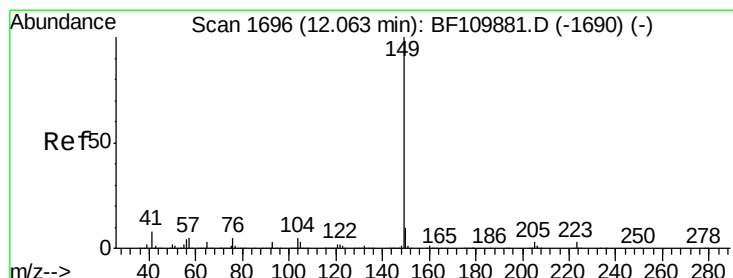
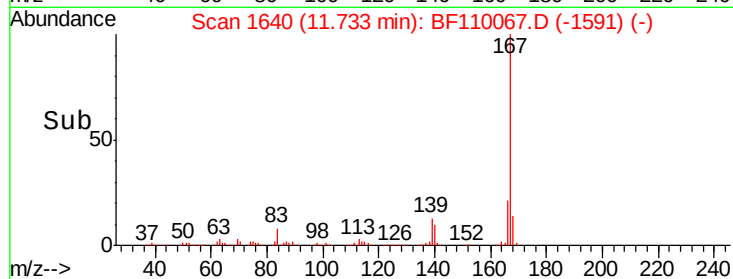
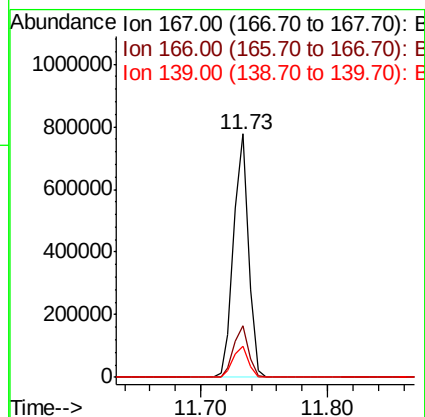
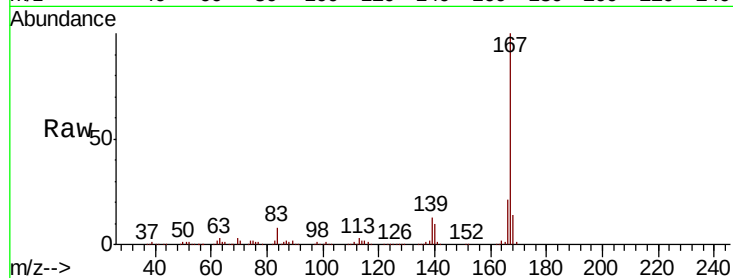
#73
 Carbazole
 Concen: 23.082 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

Instrument :
 BNA_F
 ClientSampleId :
 PB114045BS

Tot Ion:	167	Resp:	630443
Ion Ratio	Lower	Upper	
167	100		
166	21.0	17.4	26.0
139	12.7	10.9	16.3

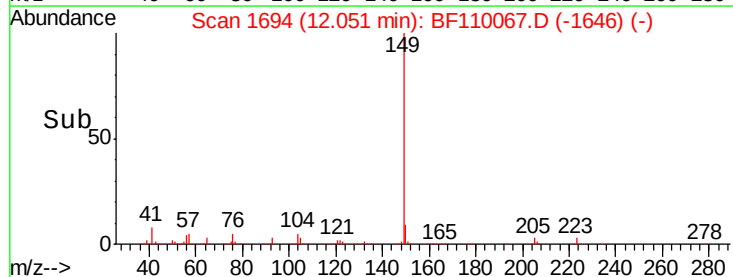
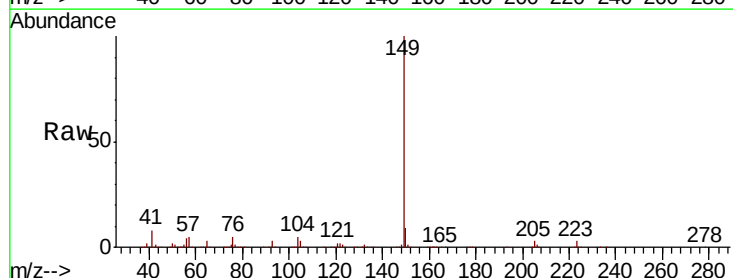
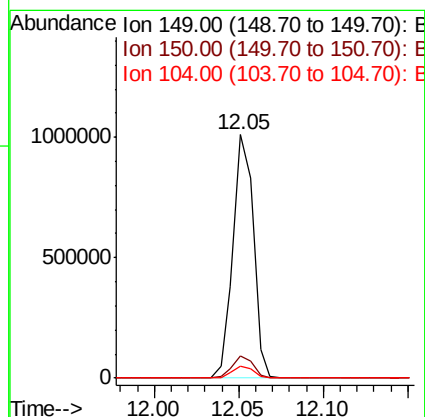
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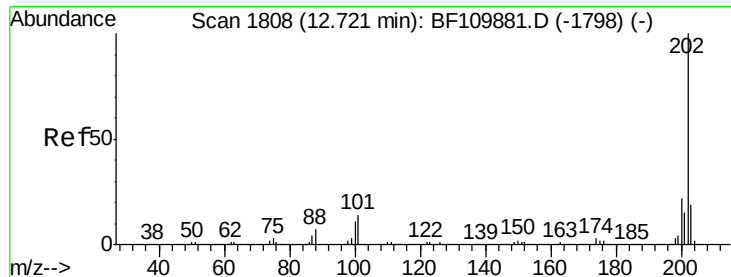
Sohil
 10/23/2018 2:18:59 PM



#74
 Di-n-butylphthalate
 Concen: 27.866 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

Tgt Ion:	149	Resp:	849426
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.7	11.5
104	5.1	4.2	6.4





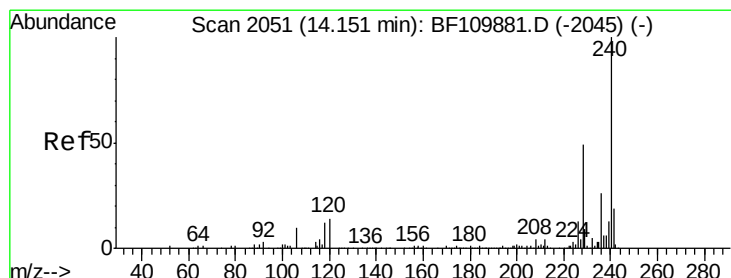
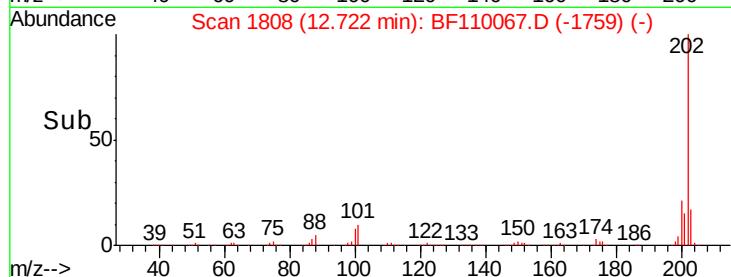
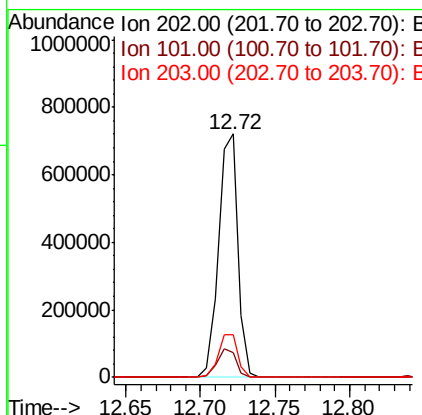
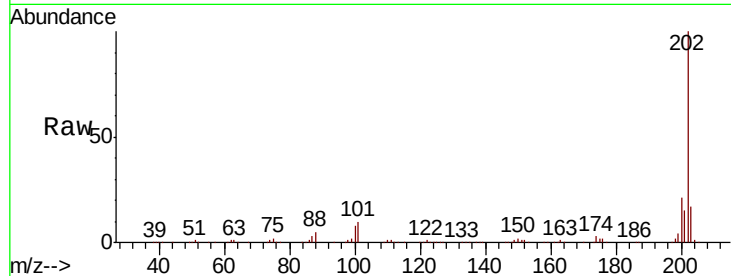
#75
 Fluoranthene
 Concen: 23.777 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

Instrument :
 BNA_F
 ClientSampleID :
 PB114045BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.3	0.0	31.4
203	17.4	0.0	37.7

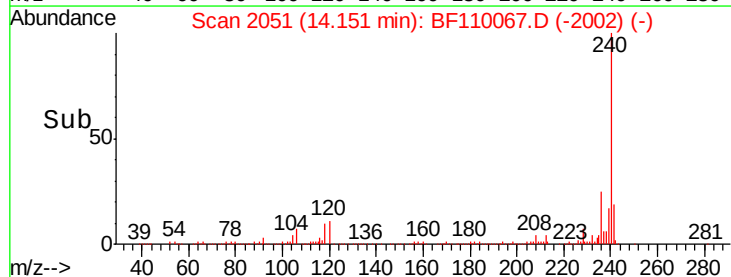
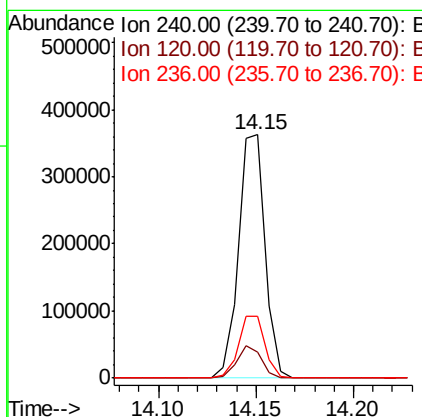
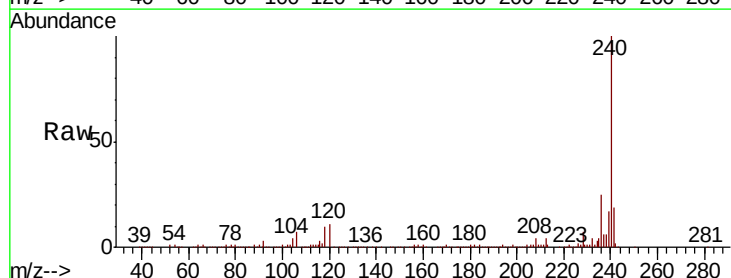
Manual Integrations
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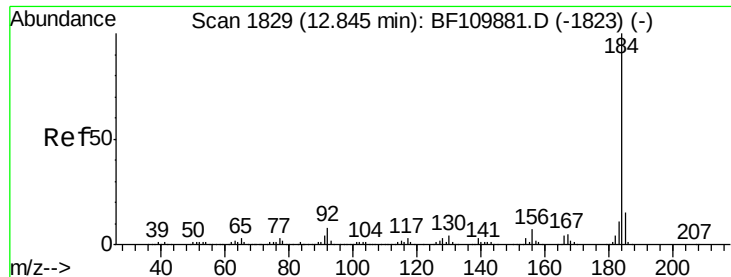
Sohil
 10/23/2018 2:18:59 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.7	8.3	12.5
236	25.2	21.2	31.8





#77

Benzidine

Concen: 30.229 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

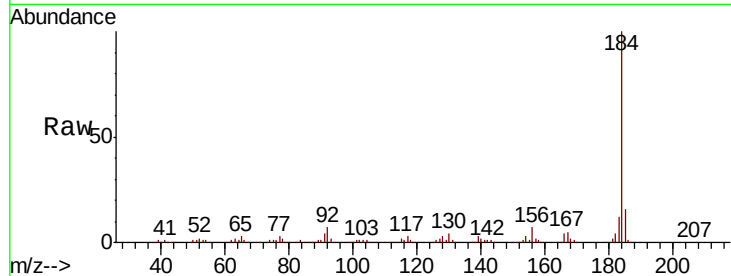
ClientSampleId :

PB114045BS

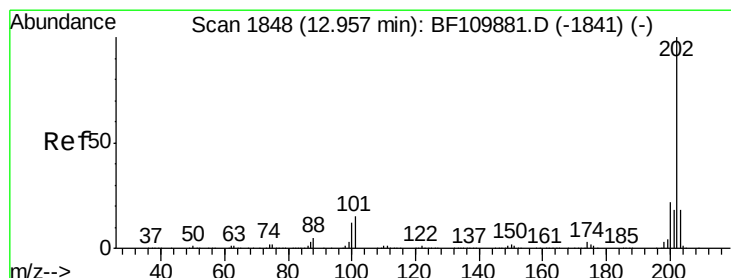
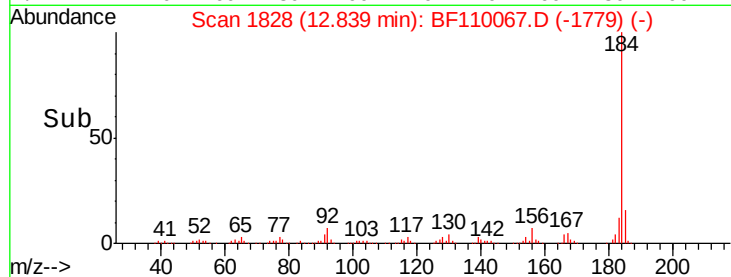
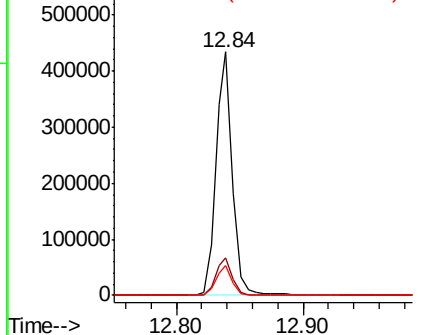
Tot Ion:	184	Resp:	394946
Ion Ratio	Lower	Upper	
184	100		
185	15.5	13.4	20.2
183	12.2	9.4	14.2

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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: 26.044 ng

RT: 12.95 min Scan# 1847

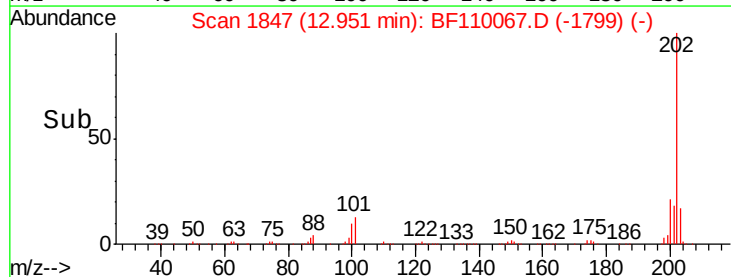
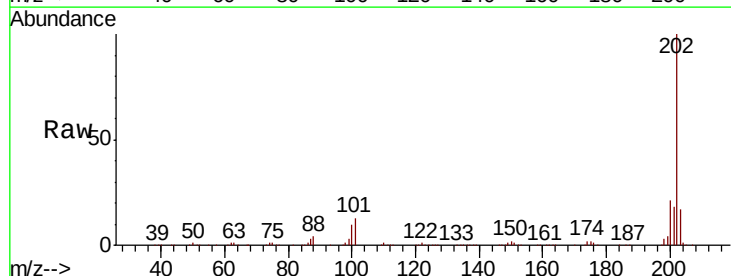
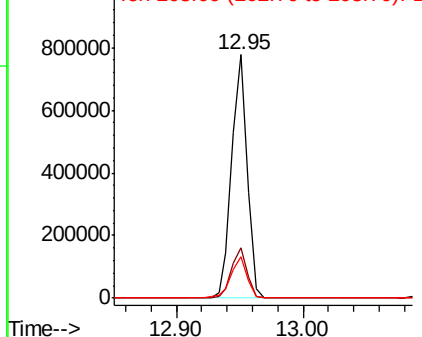
Delta R.T. -0.02 min

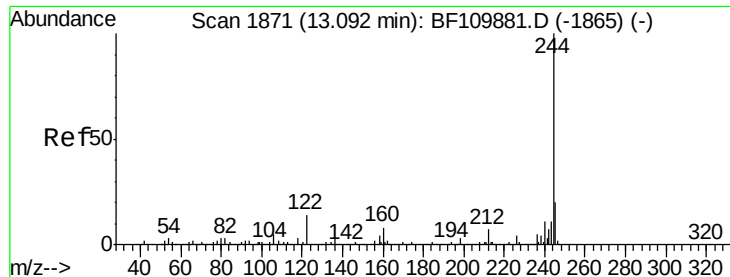
Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Tgt Ion:	202	Resp:	651817
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.8	26.6
203	17.2	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: 55.262 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

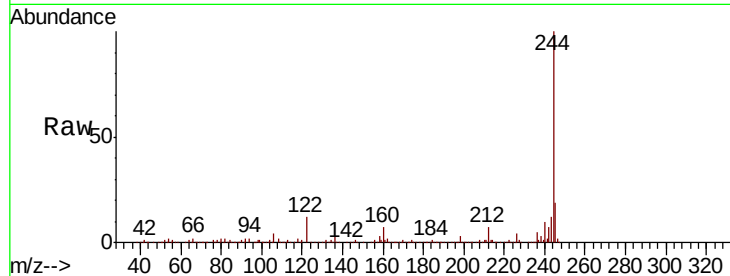
ClientSampleId :

PB114045BS

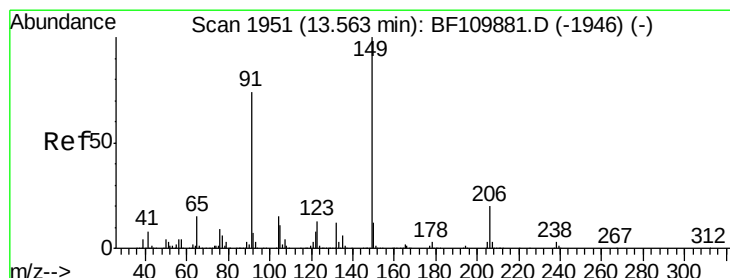
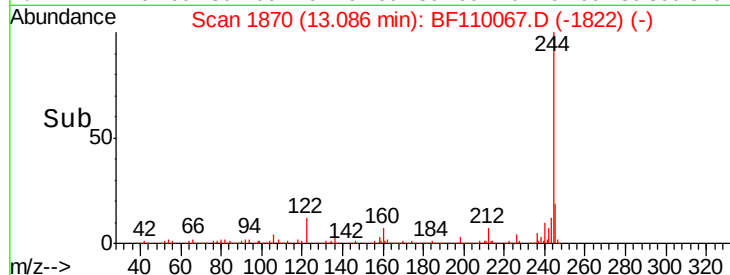
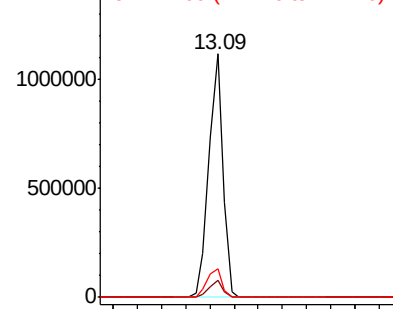
Tot Ion:	244	Resp:	896735
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.7	8.7	13.1

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Abundance Ion 244.00 (243.70 to 244.70): E
1500000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 28.471 ng

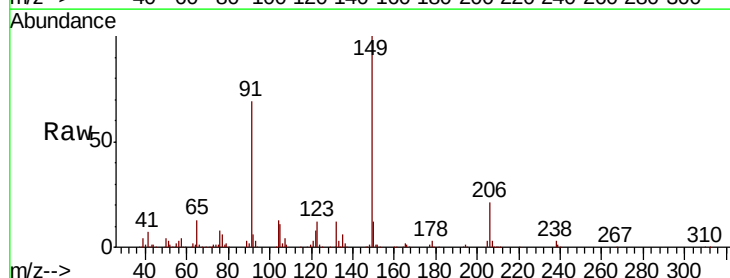
RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

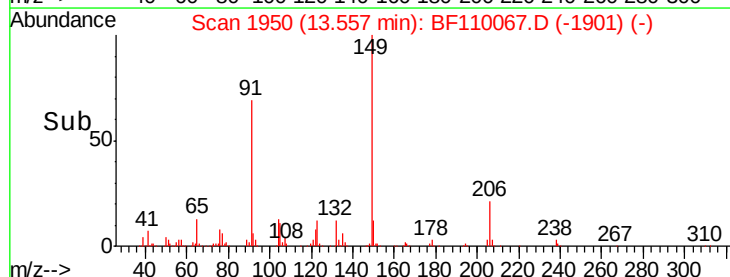
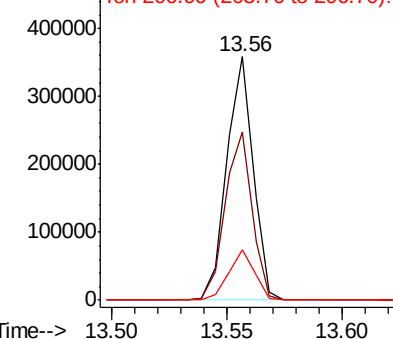
Lab File: BF110067.D

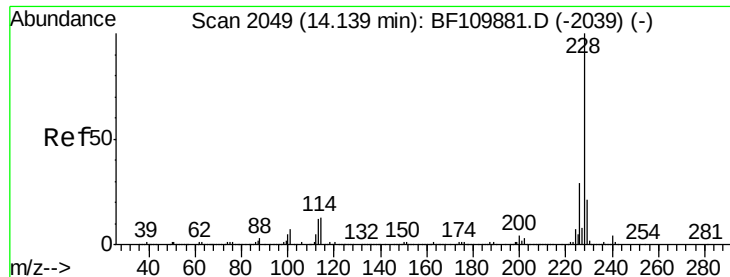
Acq: 23 Oct 2018 00:23

Tgt Ion:	149	Resp:	288075
Ion Ratio		Lower	Upper
149	100		
91	69.3	57.2	85.8
206	20.7	15.7	23.5



Abundance Ion 149.00 (148.70 to 149.70): E
500000 Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 25.776 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

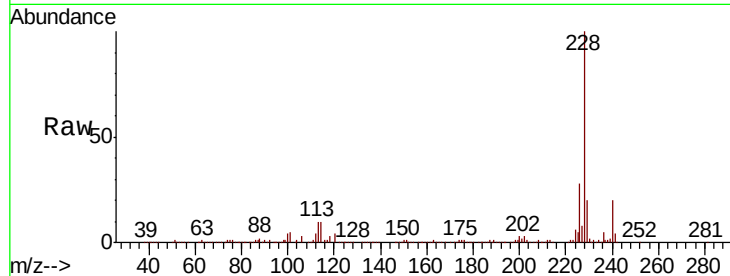
ClientSampleId :

PB114045BS

Tot Ion:	228	Resp:	517357
Ion Ratio		Lower	Upper
228	100		
226	28.0	22.1	33.1
229	19.6	15.6	23.4

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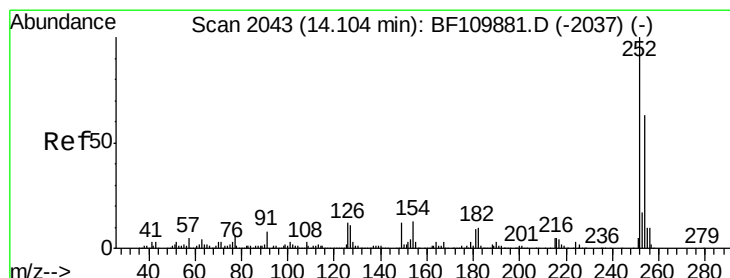
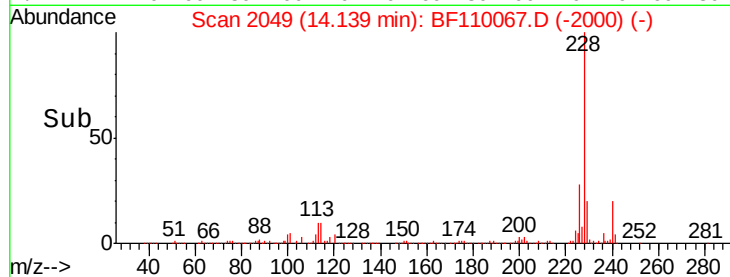
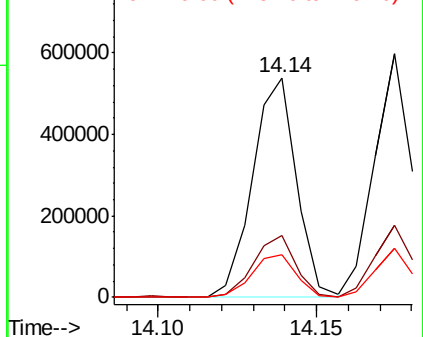


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.231 ng

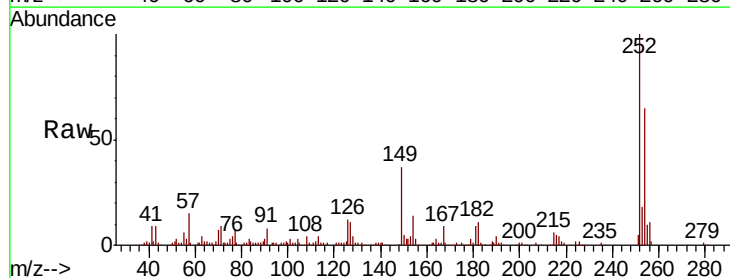
RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Tgt Ion:	252	Resp:	156428
Ion Ratio		Lower	Upper
252	100		
254	65.4	51.3	76.9
126	11.8	9.4	14.2

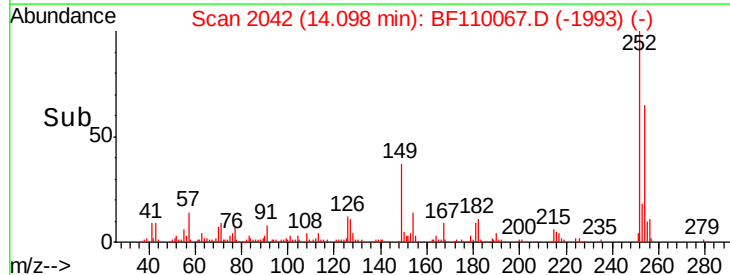
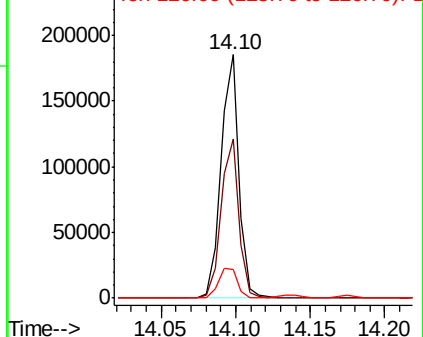


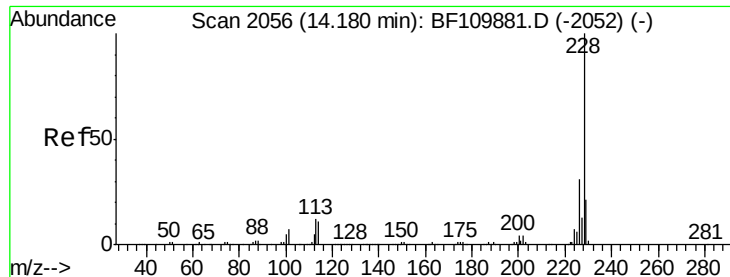
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 25.303 ng

RT: 14.17 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

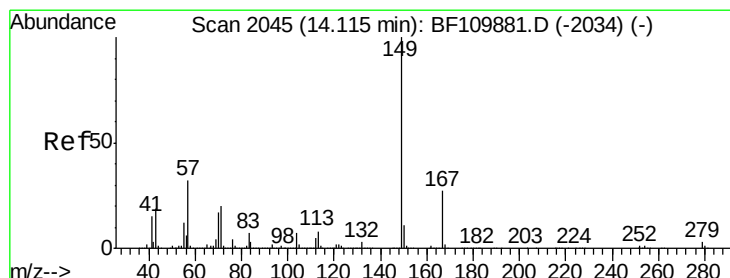
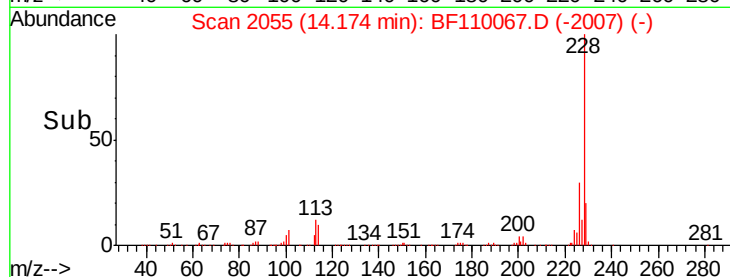
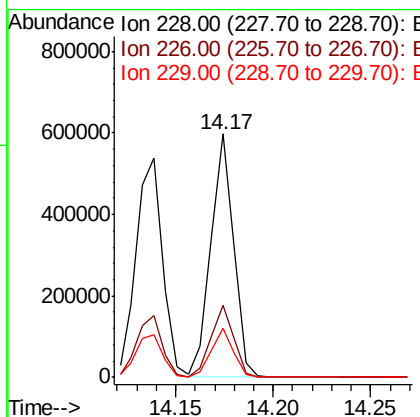
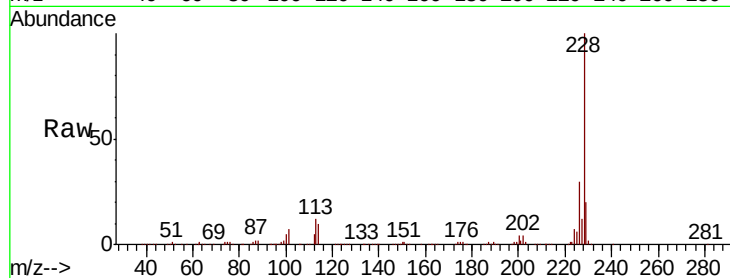
ClientSampleId :

PB114045BS

Tot Ion:	228	Resp:	483402
Ion Ratio		Lower	Upper
228	100		
226	29.8	24.7	37.1
229	20.1	15.9	23.9

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#84

Bis(2-ethylhexyl)phthalate

Concen: 29.887 ng

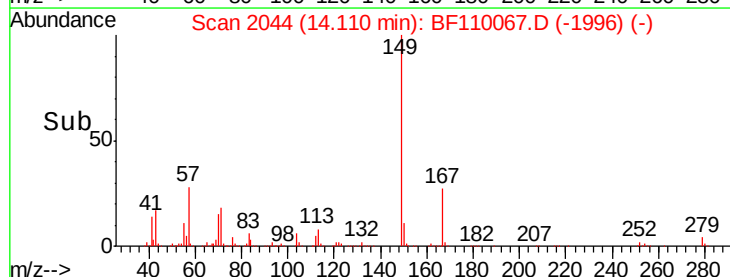
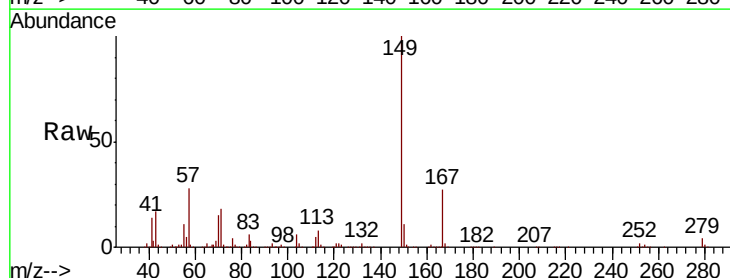
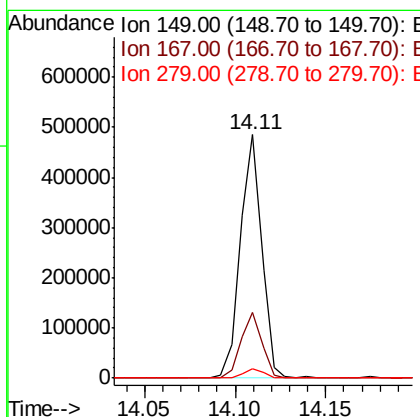
RT: 14.11 min Scan# 2044

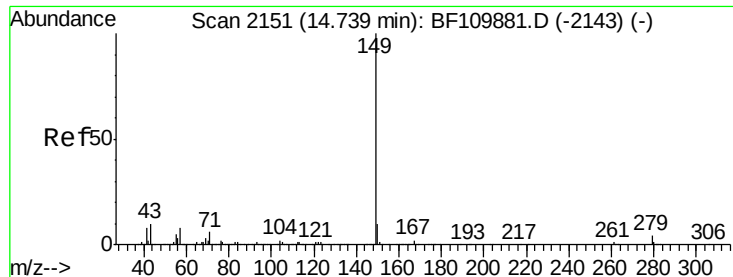
Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Tgt Ion:	149	Resp:	397920
Ion Ratio		Lower	Upper
149	100		
167	26.7	19.8	29.8
279	3.8	2.7	4.1





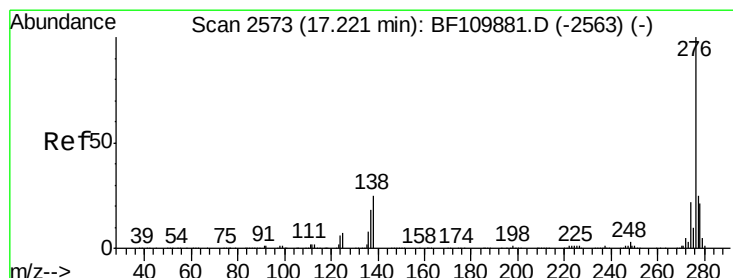
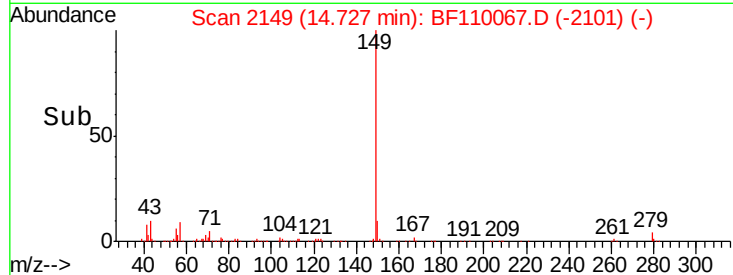
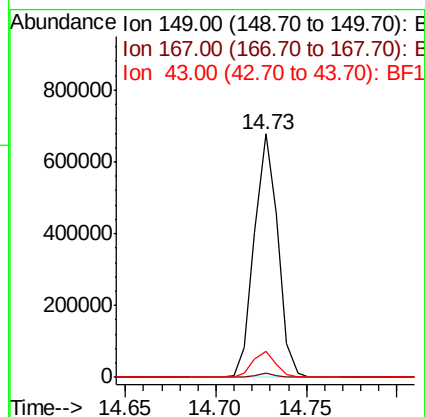
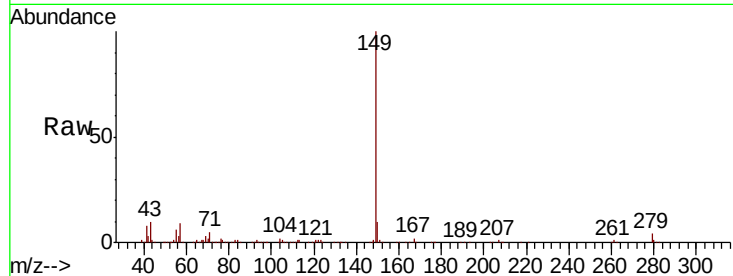
#85
Di-n-octyl phthalate
Concen: 32.698 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :
PB114045BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		613769		
167	1.5		1.1	1.7	
43	10.3		7.8	11.8	

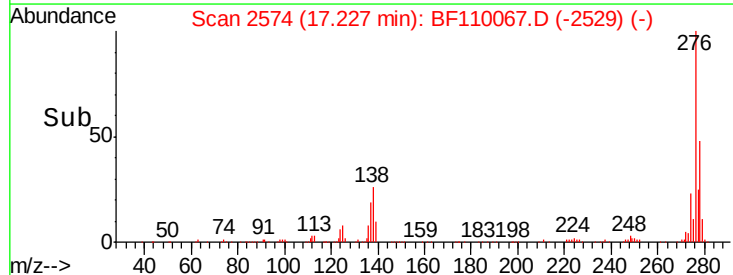
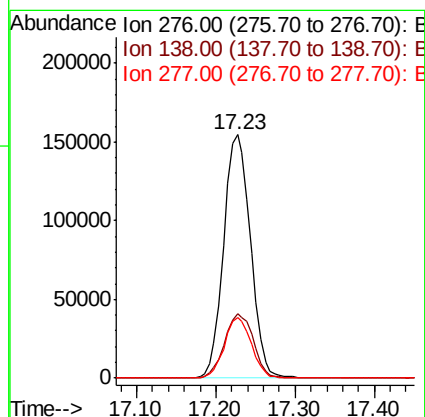
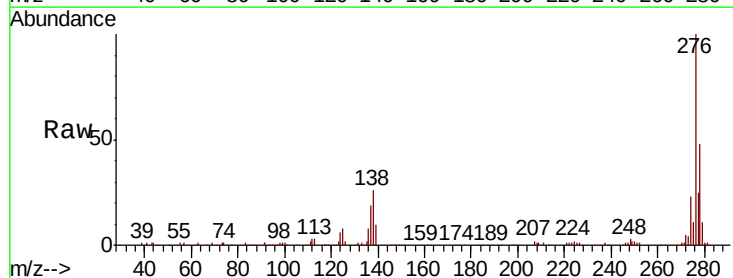
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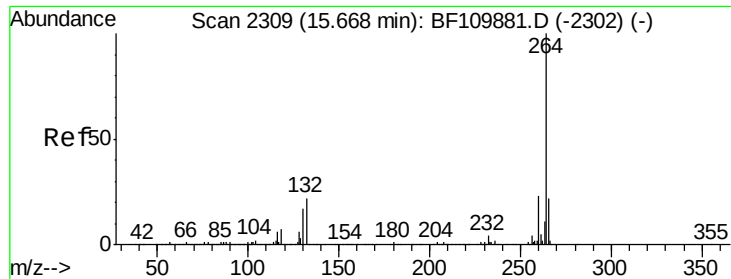
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 23.537 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.04 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100		362059		
138	28.3		18.5	27.7#	
277	25.1		20.0	30.0	





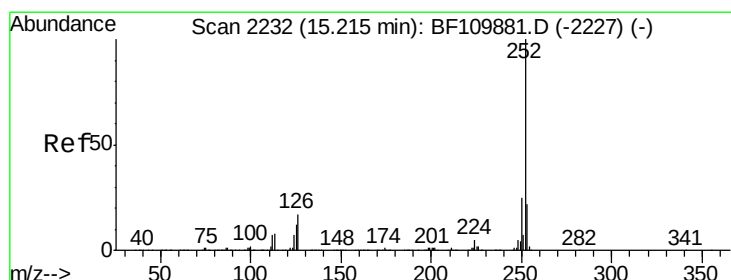
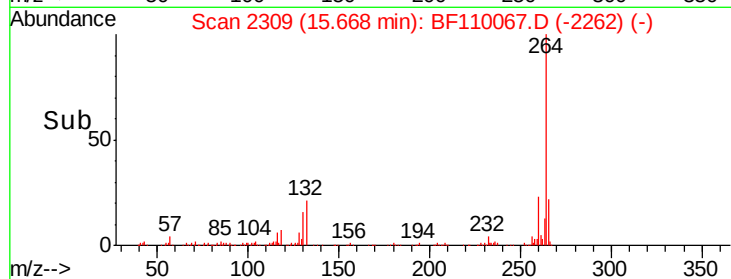
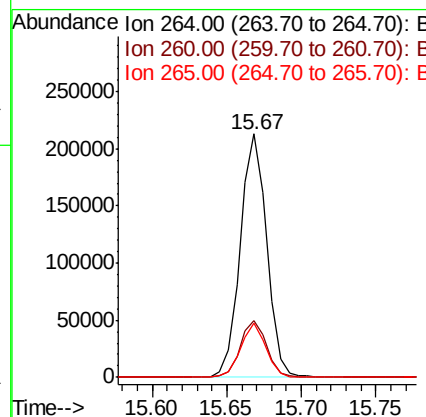
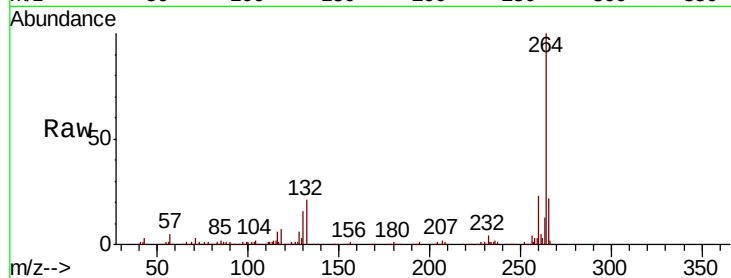
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Instrument :
BNA_F
ClientSampleId :
PB114045BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	22.4	16.7	25.1

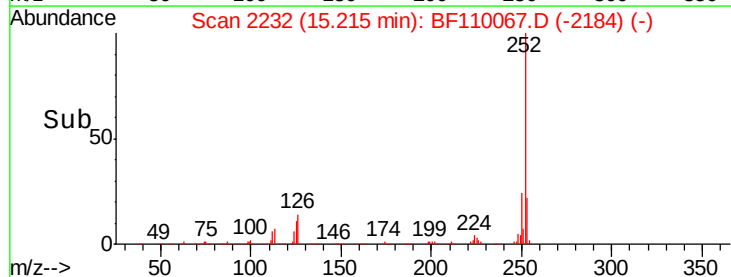
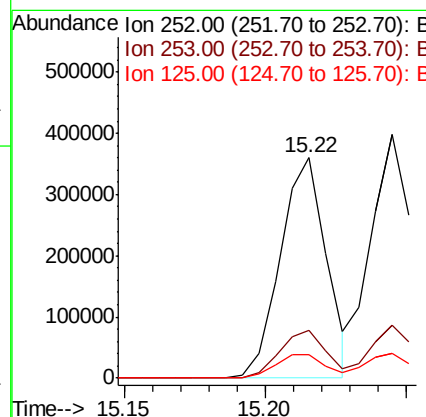
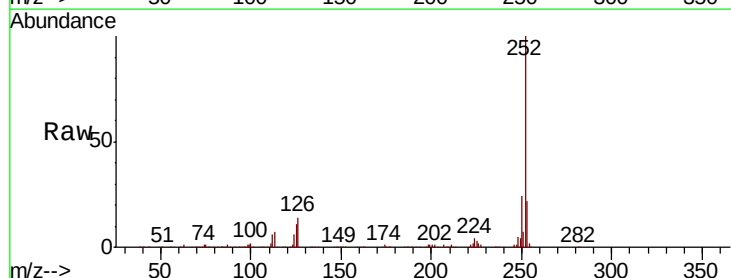
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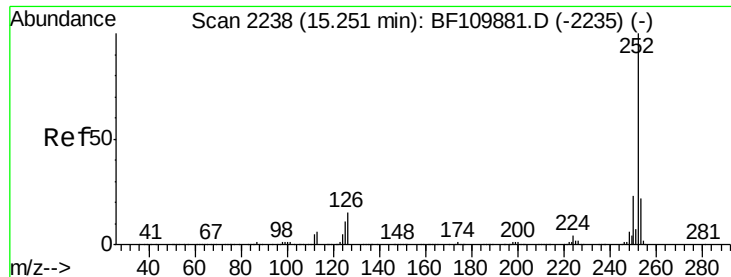
Sohil
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#88
Benzo(b)fluoranthene
Concen: 26.841 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110067.D
Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	10.5	8.2	12.4





#89

Benzo(k)fluoranthene

Concen: 27.130 ng

RT: 15.24 min Scan# 2237

Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Instrument :

BNA_F

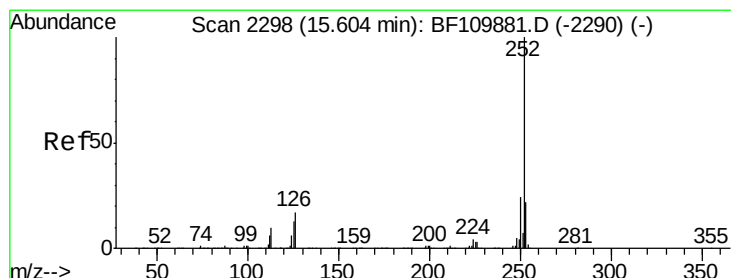
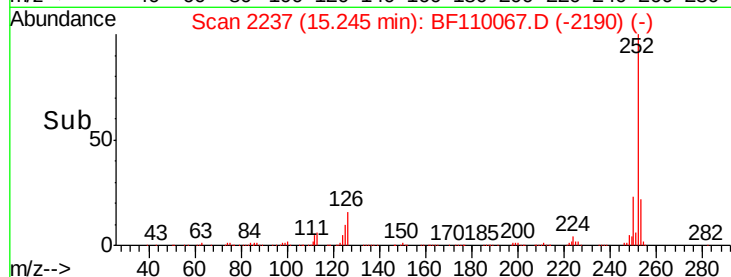
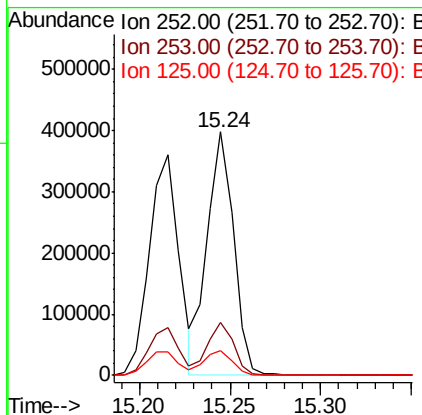
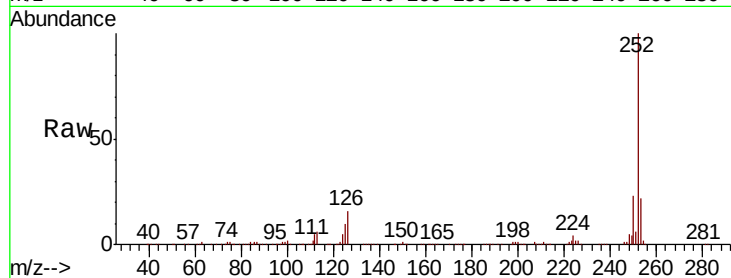
ClientSampleId :

PB114045BS

Tot Ion:	252	Resp:	405374
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.2	25.8
125	10.1	7.4	11.0

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#90

Benzo(a)pyrene

Concen: 26.716 ng

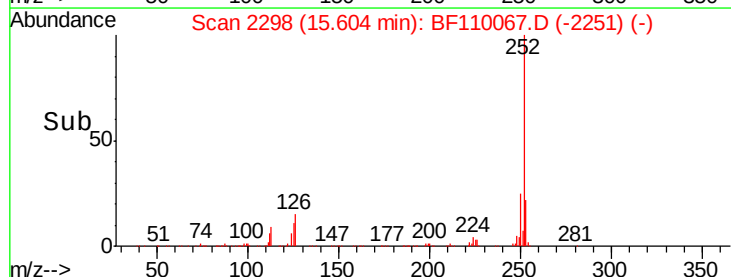
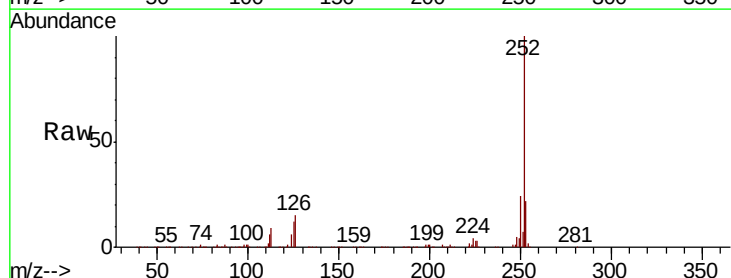
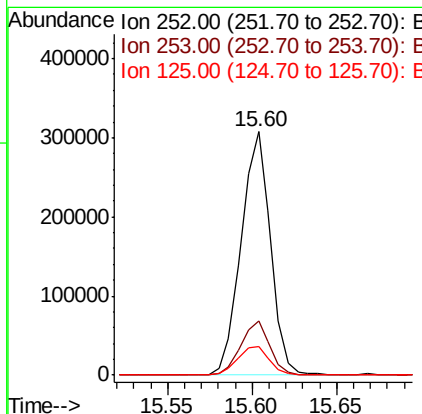
RT: 15.60 min Scan# 2298

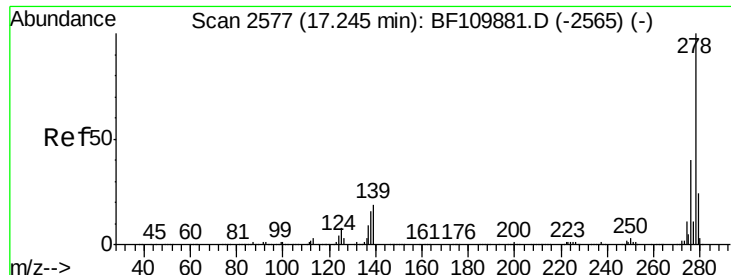
Delta R.T. -0.02 min

Lab File: BF110067.D

Acq: 23 Oct 2018 00:23

Tgt Ion:	252	Resp:	372480
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.2	27.4
125	11.5	9.0	13.6





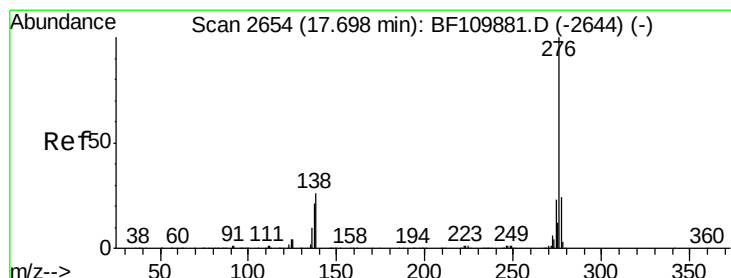
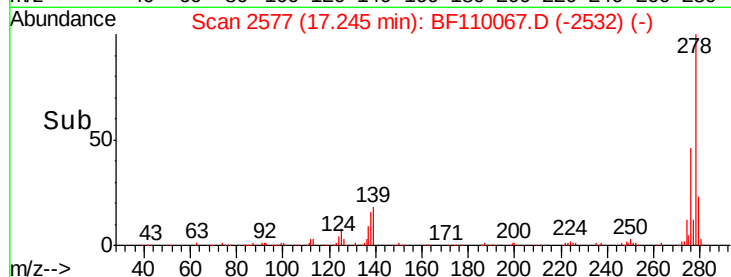
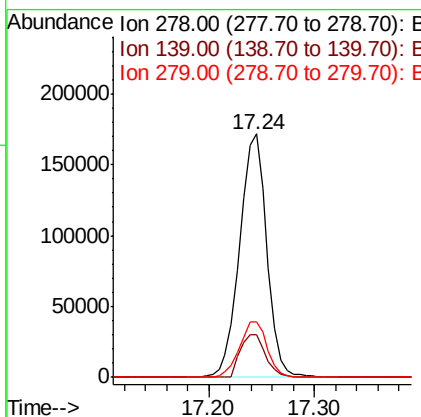
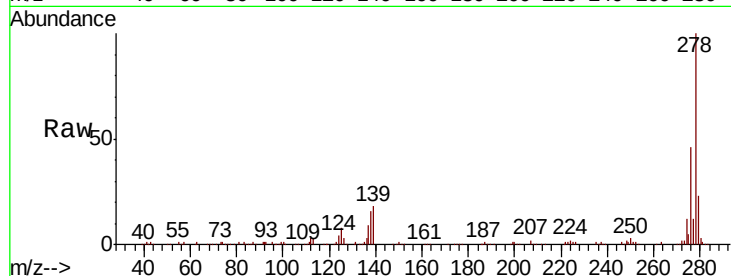
#91
 Dibenzo(a,h)anthracene
 Concen: 24.871 ng
 RT: 17.24 min Scan# 2577
 Delta R.T. -0.04 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

Instrument :
 BNA_F
 ClientSampleId :
 PB114045BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.7	12.7	19.1
279	22.8	19.0	28.4

Manual Integrations
 APPROVED

Sohil
 10/23/2018 2:18:59 PM



#92
 Benzo(g,h,i)perylene
 Concen: 23.556 ng
 RT: 17.70 min Scan# 2654
 Delta R.T. -0.04 min
 Lab File: BF110067.D
 Acq: 23 Oct 2018 00:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.5	18.8	28.2
138	23.6	16.0	24.0

