

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
 Data File : BF112475.D
 Acq On : 8 Feb 2019 22:19
 Operator : JU/SJ
 Sample : K1385-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Manual Integrations
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 2/11/2019 4:47:13 PM

Quant Time: Feb 11 12:48:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	118582	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	460998	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	218107	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	373229	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	261765	20.00	ng	0.00
87) Perylene-d12	15.47	264	263524	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	656872	117.66	ng	0.00
7) Phenol-d6	6.49	99	827559	106.68	ng	0.00
23) Nitrobenzene-d5	7.40	82	522304	65.28	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	198568	78.22	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1051798	68.20	ng	-0.02
79) Terphenyl-d14	12.94	244	892881	64.24	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	78147	35.139	ng	96
3) Pyridine	3.39	79	198987	35.174	ng	96
4) n-Nitrosodimethylamine	3.32	42	104030	43.769	ng	97
6) Aniline	6.50	93	135656	14.700	ng	# 1
8) 2-Chlorophenol	6.63	128	265336	35.330	ng	99
9) Benzaldehyde	6.38	77	123463	30.449	ng	100
10) Phenol	6.50	94	310461	36.478	ng	89
11) bis(2-Chloroethyl)ether	6.56	93	228313	34.074	ng	99
12) 1,3-Dichlorobenzene	6.77	146	284842	32.566	ng	99
13) 1,4-Dichlorobenzene	6.85	146	289972	32.213	ng	99
14) 1,2-Dichlorobenzene	7.00	146	274588	32.581	ng	98
15) Benzyl Alcohol	6.98	79	219676	33.592	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	277300	32.232	ng	# 17
17) 2-Methylphenol	7.10	107	203074	34.110	ng	# 87
18) Hexachloroethane	7.34	117	97670	30.899	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	177257	33.137	ng	98
20) 3+4-Methylphenols	7.26	107	271751	35.695	ng	# 61
22) Acetophenone	7.24	105	361887	32.238	ng	93
24) Nitrobenzene	7.42	77	261499	32.727	ng	96
25) Isophorone	7.65	82	465464	37.085	ng	99
26) 2-Nitrophenol	7.73	139	120123	28.131	ng	96
27) 2,4-Dimethylphenol	7.77	122	220609	37.498	ng	93
28) bis(2-Chloroethoxy)methane	7.86	93	288142	33.715	ng	99
29) 2,4-Dichlorophenol	7.99	162	217347	33.012	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	244661	32.329	ng	99
31) Naphthalene	8.14	128	773641	35.886	ng	98
33) 4-Chloroaniline	8.19	127	92310	9.834	ng	97
34) Hexachlorobutadiene	8.25	225	137849	31.040	ng	98
35) Caprolactam	8.55	113	63291	27.250	ng	94
36) 4-Chloro-3-methylphenol	8.69	107	219593	31.507	ng	98
37) 2-Methylnaphthalene	8.83	142	535024	36.252	ng	97
38) 1-Methylnaphthalene	8.93	142	500937	35.413	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	240001	33.514	ng	99
41) Hexachlorocyclopentadiene	8.98	237	29277	19.010	ng	95

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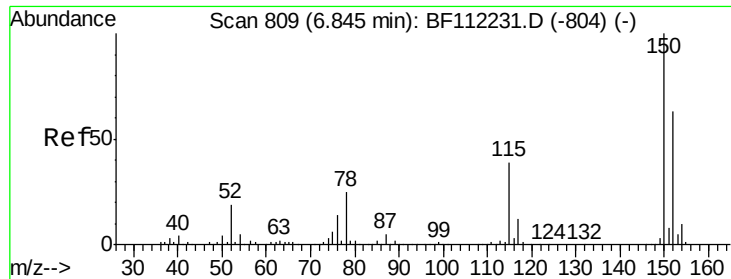
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.12	196	135308	30.652	nq	98
44) 2,4,5-Trichlorophenol	9.17	196	130821	28.356	nq	97
46) 1,1'-Biphenyl	9.29	154	641192	33.627	nq	98
47) 2-Chloronaphthalene	9.32	162	484817	32.788	nq	96
48) 2-Nitroaniline	9.42	65	137638	34.152	nq	100
49) Acenaphthylene	9.73	152	779060	35.947	nq	98
50) Dimethylphthalate	9.59	163	641724	37.869	nq	99
51) 2,6-Dinitrotoluene	9.66	165	126411	33.308	nq #	87
52) Acenaphthene	9.90	154	444381	34.324	nq	99
53) 3-Nitroaniline	9.83	138	85829	20.875	nq #	99
54) 2,4-Dinitrophenol	9.98	184	866	0.711	nq #	67
55) Dibenzofuran	10.07	168	668076	33.768	nq	94
56) 4-Nitrophenol	10.02	139	91633	42.154	nq	95
57) 2,4-Dinitrotoluene	10.07	165	158786	32.864	nq #	81
58) Fluorene	10.42	166	536398	36.230	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	97090	27.848	nq	97
60) Diethylphthalate	10.29	149	572137	34.022	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	255927	31.778	nq	90
62) 4-Nitroaniline	10.45	138	120438	29.864	nq	94
63) Azobenzene	10.57	77	479047	32.390	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	6602	3.155	nq	81
66) n-Nitrosodiphenylamine	10.53	169	460966	36.646	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	151476	34.507	nq	96
68) Hexachlorobenzene	10.97	284	160430	34.064	nq	97
69) Atrazine	11.05	200	145295	35.797	nq	96
70) Pentachlorophenol	11.18	266	62371	34.035	nq	99
71) Phenanthrene	11.38	178	765029	39.427	nq	98
72) Anthracene	11.43	178	738628	38.214	nq	98
73) Carbazole	11.59	167	617054	32.364	nq	99
74) Di-n-butylphthalate	11.91	149	837933	35.407	nq	98
75) Fluoranthene	12.57	202	789292	37.926	nq	97
77) Benzidine	12.69	184	132170m	18.345	nq	
78) Pyrene	12.80	202	763113	42.107	nq	98
80) Butylbenzylphthalate	13.41	149	294197	33.552	nq	98
81) Benzo(a)anthracene	13.99	228	620322	40.312	nq	98
82) 3,3'-Dichlorobenzidine	13.95	252	120204	20.873	nq	99
83) Chrysene	14.03	228	584896	39.820	nq	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	414199	33.279	nq #	97
85) Di-n-octyl phthalate	14.57	149	665699	34.764	nq	97
86) Indeno(1,2,3-cd)pyrene	16.97	276	521279	44.788	nq	97
88) Benzo(b)fluoranthene	15.05	252	663045	42.071	nq	98
89) Benzo(k)fluoranthene	15.07	252	555989	36.831	nq	99
90) Benzo(a)pyrene	15.42	252	578909	40.824	nq	98
91) Dibenzo(a,h)anthracene	16.97	278	427244	37.383	nq	99
92) Benzo(g,h,i)perylene	17.41	276	413335	38.334	nq	98

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



#1

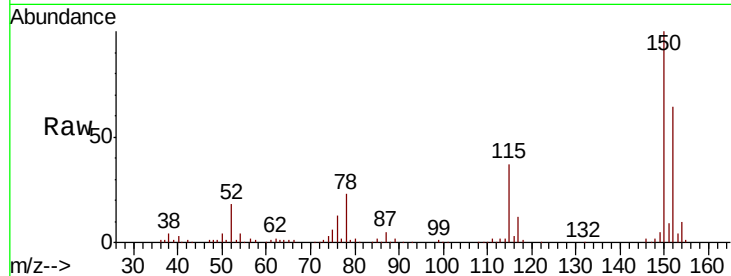
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	127.4	191.0
115	58.6	45.5	68.3

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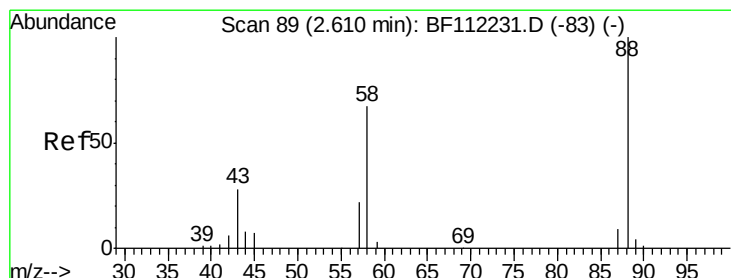
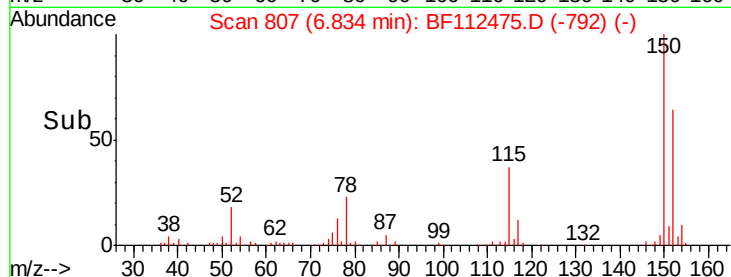
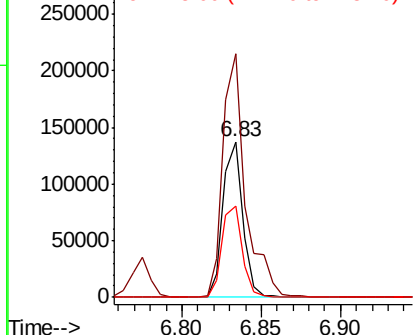


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

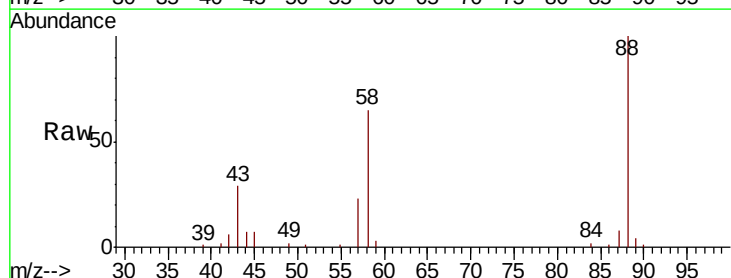
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.139 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.9	57.4	86.2
43	28.2	22.2	33.4

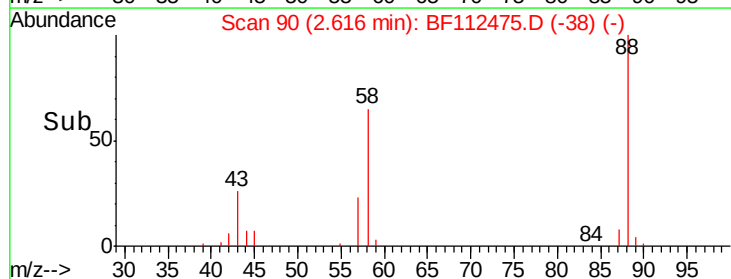
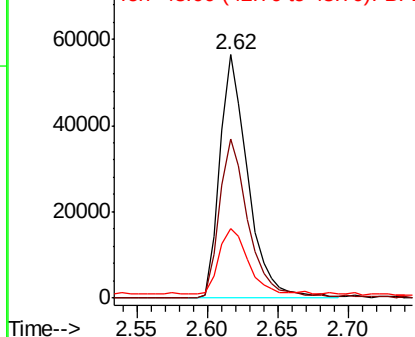


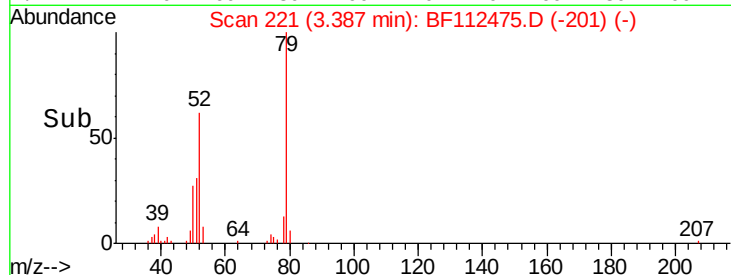
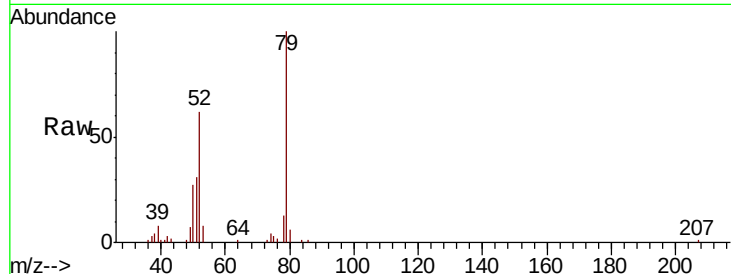
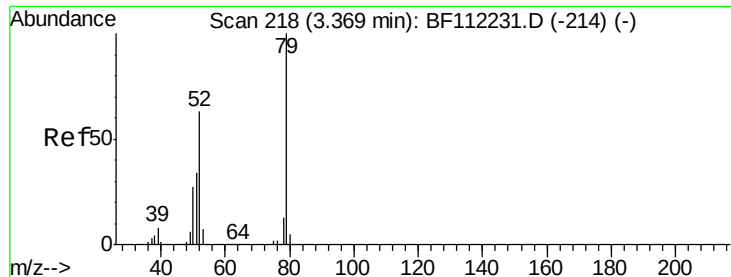
Abundance

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





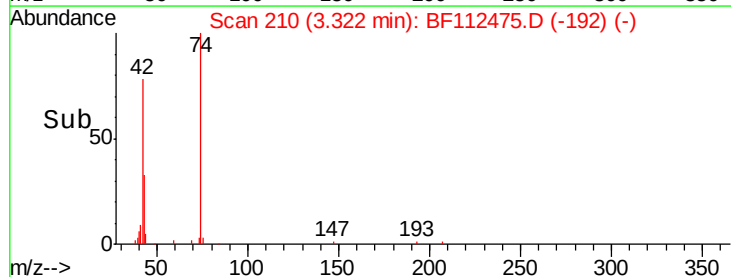
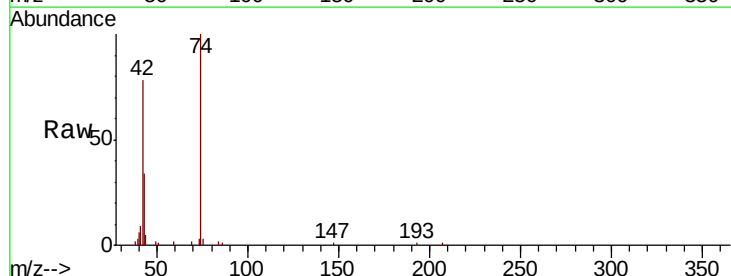
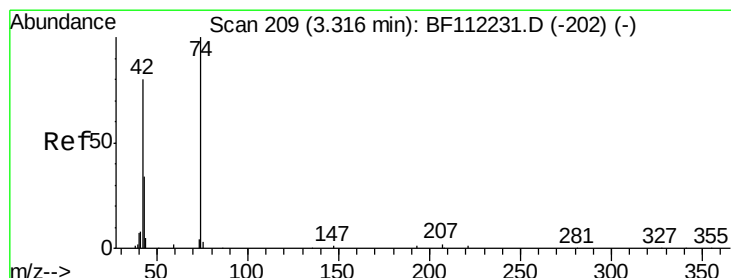
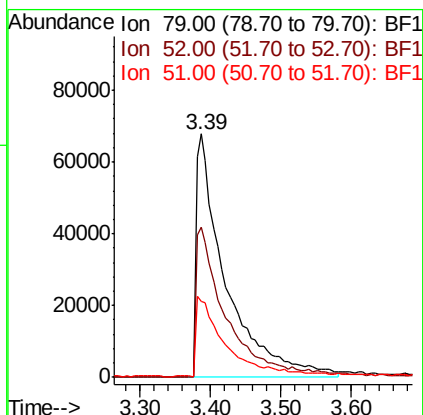
#3
 Pvridine
 Concen: 35.174 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.02 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.5	52.4	78.6
51	31.2	26.1	39.1

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

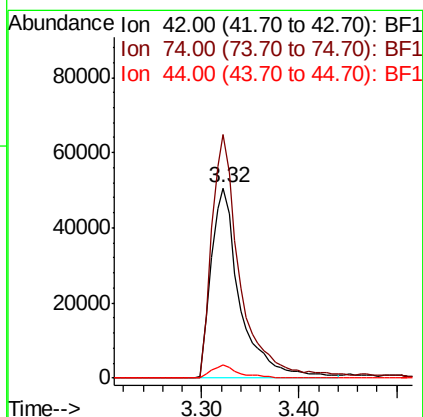
Manual Integrations
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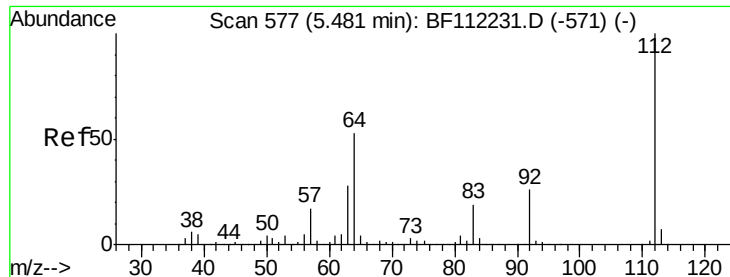
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#4
 n-Nitrosodimethylamine
 Concen: 43.769 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Lower	Upper
42	100		
74	128.2	105.6	158.4
44	6.6	5.4	8.2





#5

2-Fluorophenol

Concen: 117.660 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

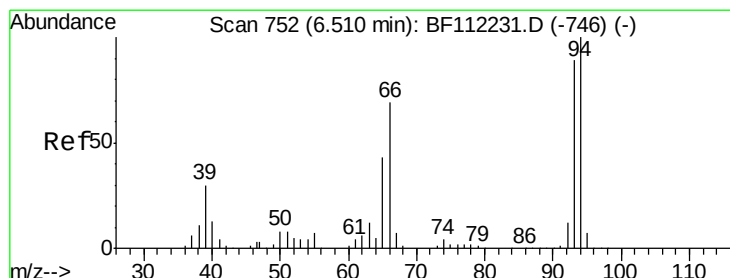
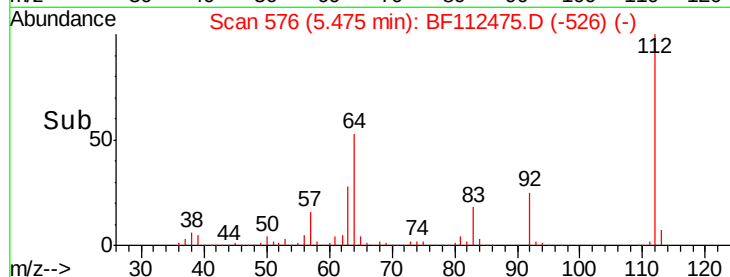
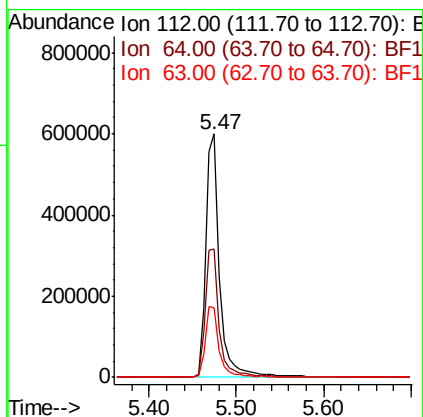
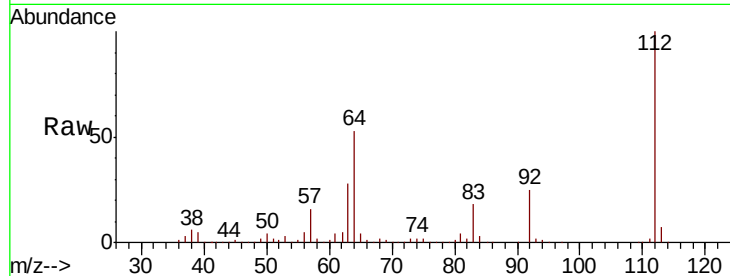
ClientSampleId :

98-SB-01-2-4MSD

Tot Ion:	112	Resp:	656872
Ion Ratio	Lower	Upper	
112	100		
64	52.7	45.7	68.5
63	28.4	23.6	35.4

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#6

Aniline

Concen: 14.700 ng

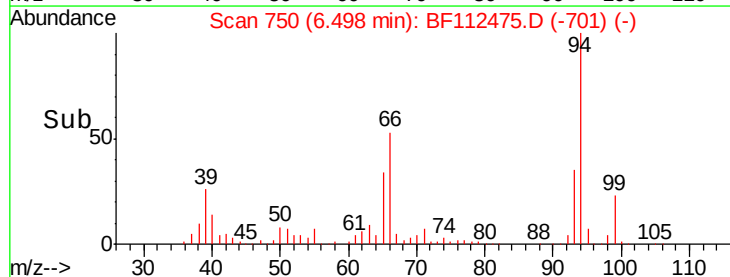
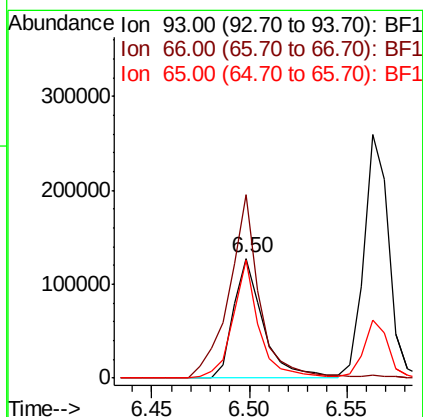
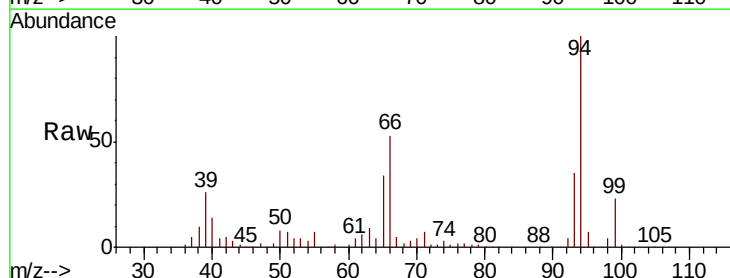
RT: 6.50 min Scan# 750

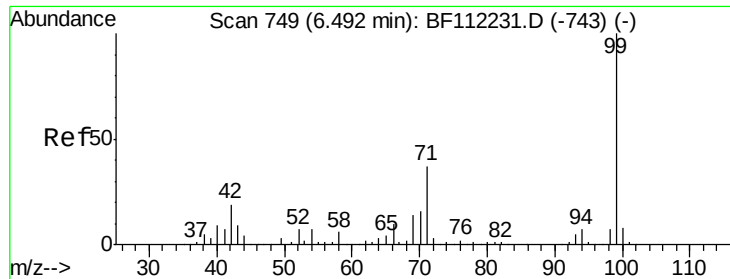
Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Tgt Ion:	93	Resp:	135656
Ion Ratio	Lower	Upper	
93	100		
66	153.2	43.4	65.2#
65	98.3	25.3	37.9#





#7

Phenol-d6

Concen: 106.678 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

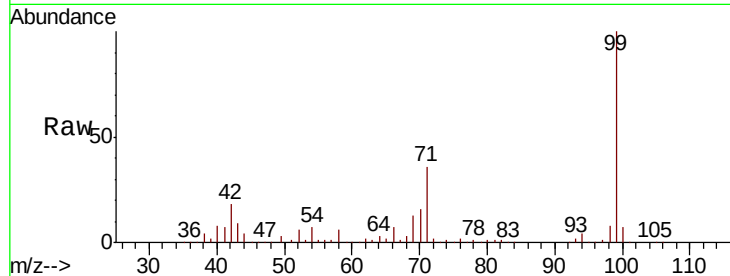
ClientSampleId :

98-SB-01-2-4MSD

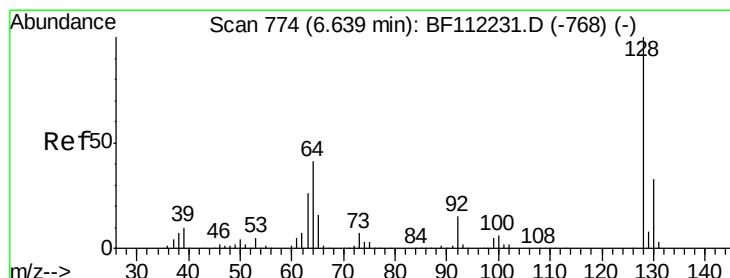
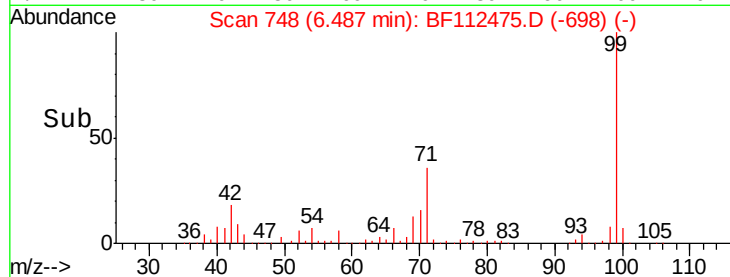
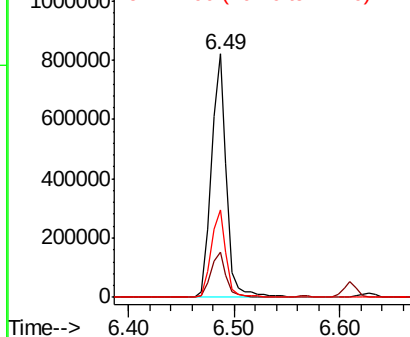
Tot Ion:	99	Resp:	827559
Ion Ratio	Lower	Upper	
99	100		
42	18.3	15.1	22.7
71	35.9	26.9	40.3

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.330 ng

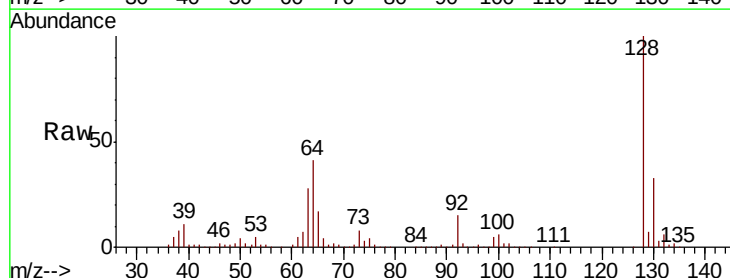
RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

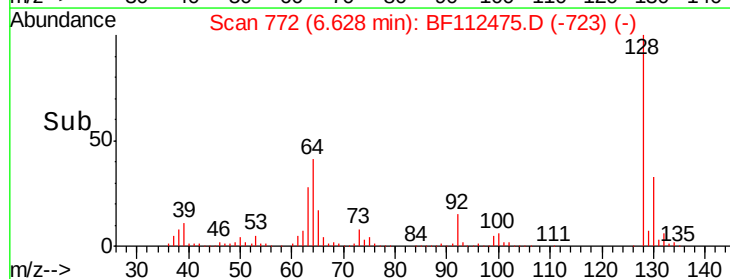
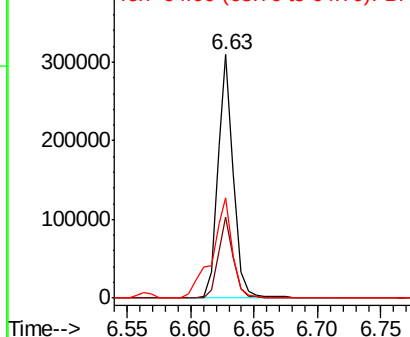
Lab File: BF112475.D

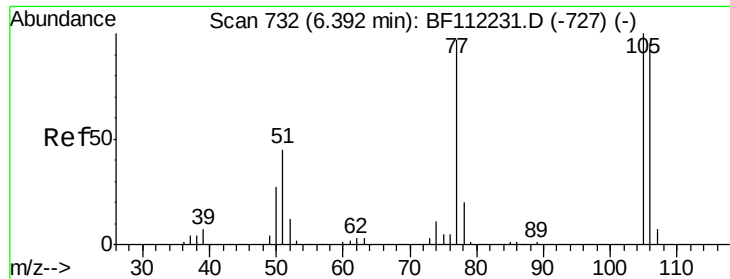
Acq: 8 Feb 2019 22:19

Tgt Ion:	128	Resp:	265336
Ion Ratio	Lower	Upper	
128	100		
130	33.2	13.4	53.4
64	41.1	20.5	60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 30.449 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

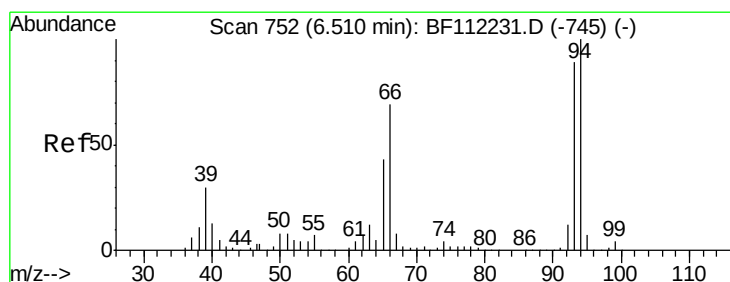
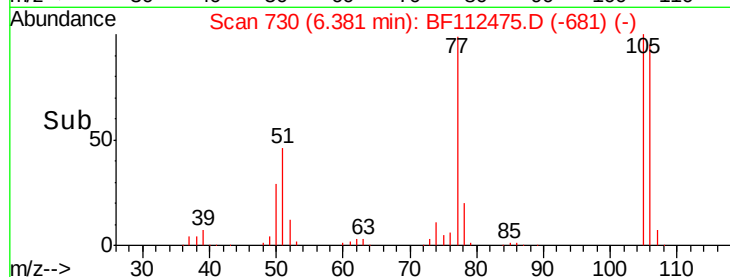
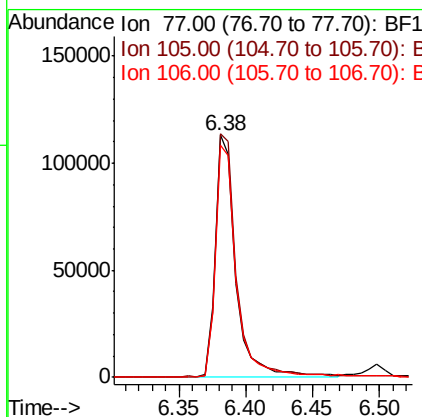
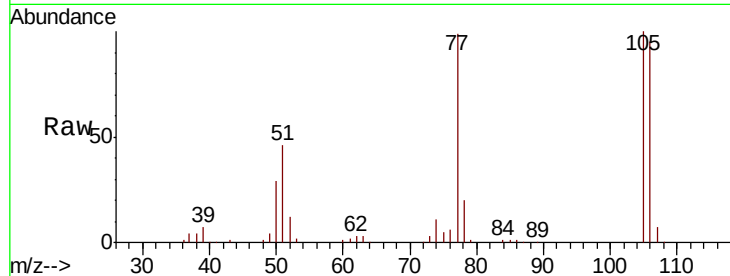
ClientSampleId :

98-SB-01-2-4MSD

Tot Ion:	77	Resp:	123463
Ion	Ratio	Lower	Upper
77	100		
105	100.7	80.8	120.8
106	95.9	75.7	115.7

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#10

Phenol

Concen: 36.478 ng

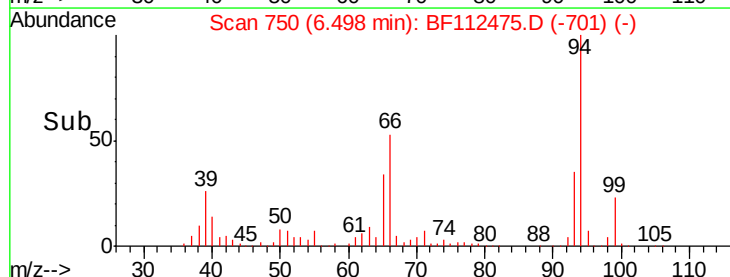
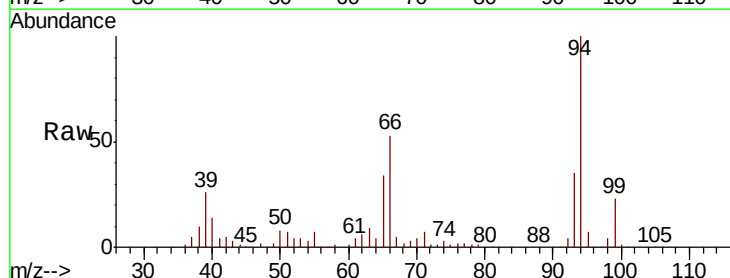
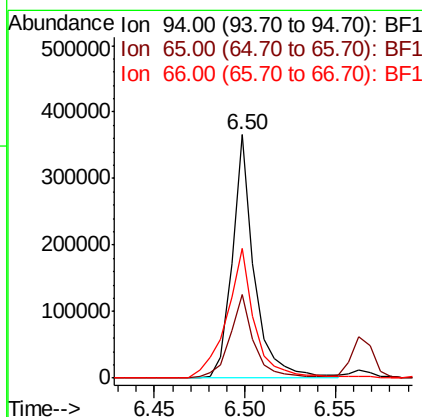
RT: 6.50 min Scan# 750

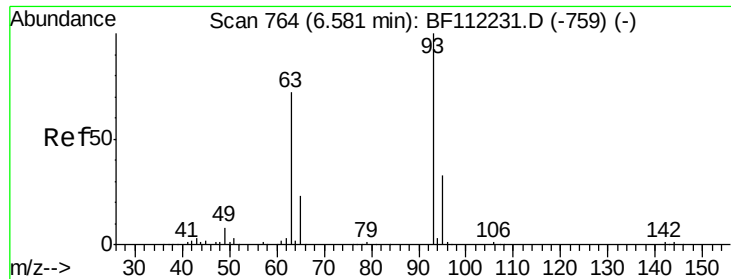
Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Tgt Ion:	94	Resp:	310461
Ion	Ratio	Lower	Upper
94	100		
65	34.2	20.3	60.3
66	53.3	42.4	82.4





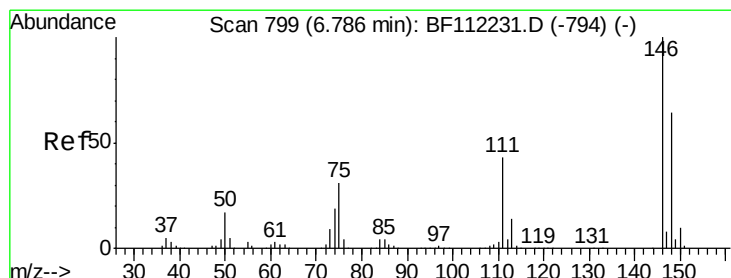
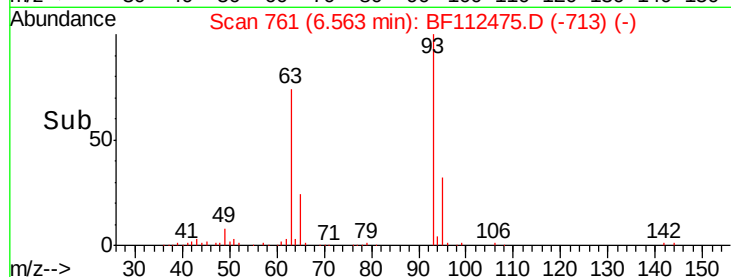
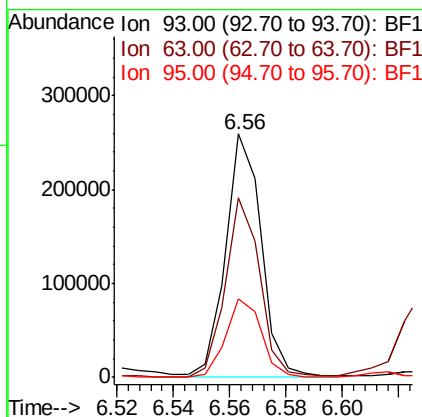
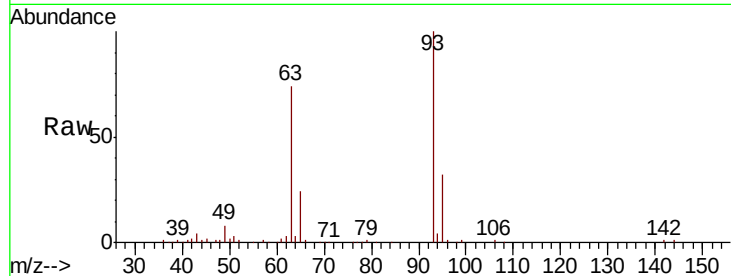
#11
bis(2-Chloroethyl)ether
Concen: 34.074 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion:	93	Resp:	228313
Ion Ratio	Lower	Upper	
93	100		
63	73.6	53.3	93.3
95	32.3	13.4	53.4

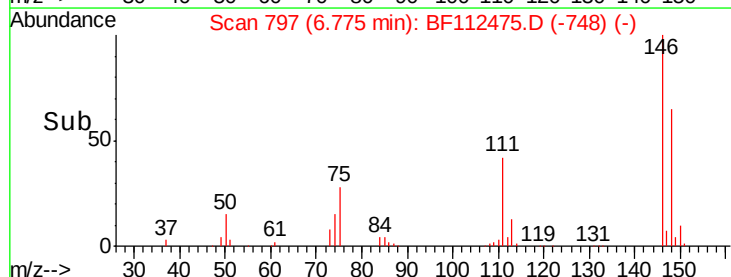
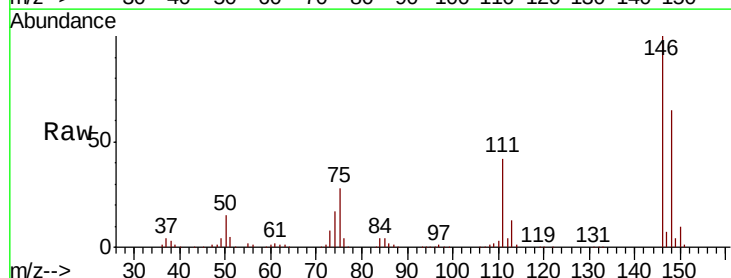
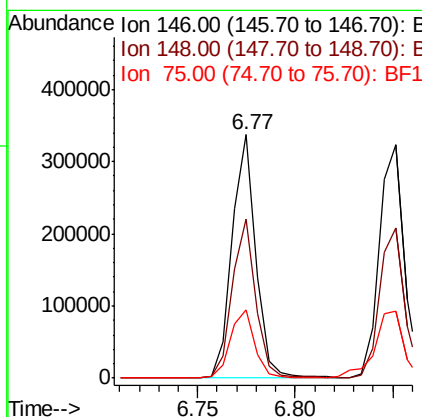
Manual Integrations
APPROVED

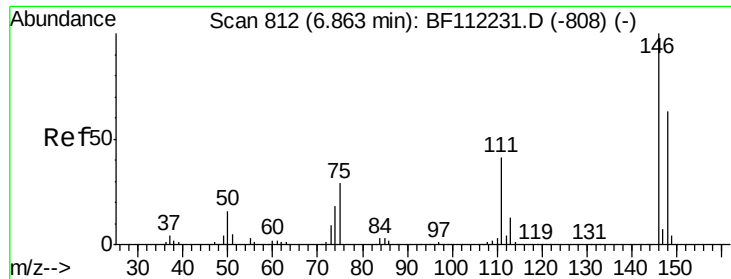
Sohil
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#12
1,3-Dichlorobenzene
Concen: 32.566 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion:	146	Resp:	284842
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.8	77.8
75	28.1	23.1	34.7





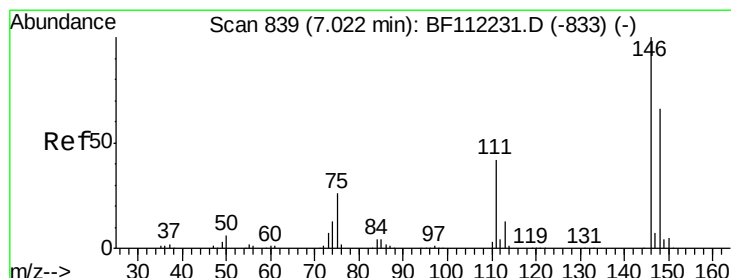
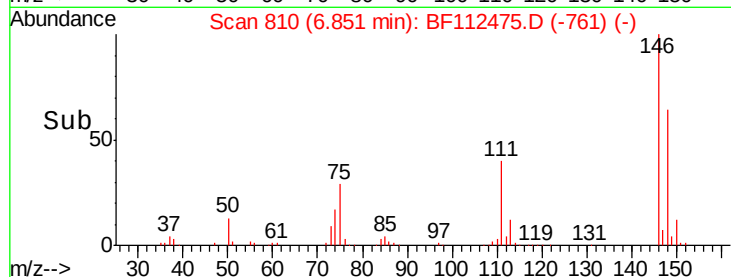
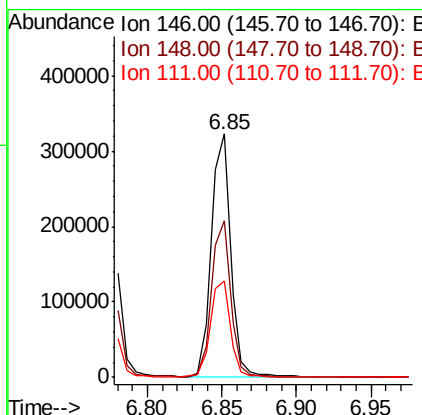
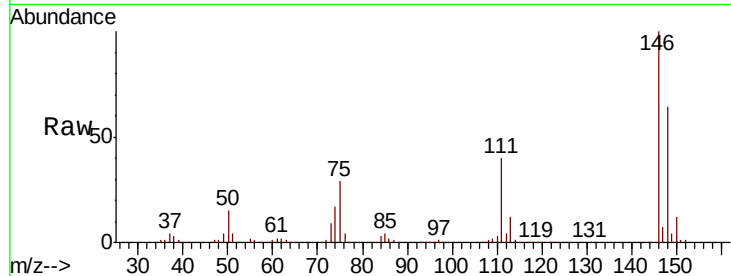
#13
 1,4-Dichlorobenzene
 Concen: 32.213 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Instrument :
 BNA_F
 ClientSampled :
 98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.0	78.0
111	39.7	31.2	46.8

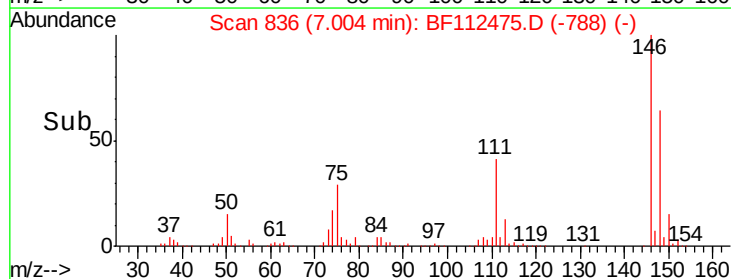
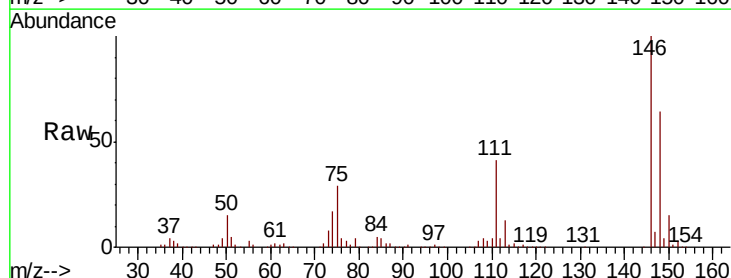
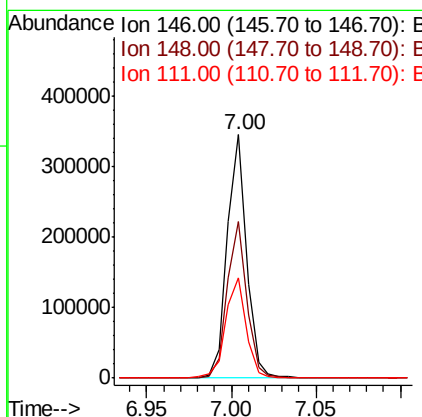
Manual Integrations
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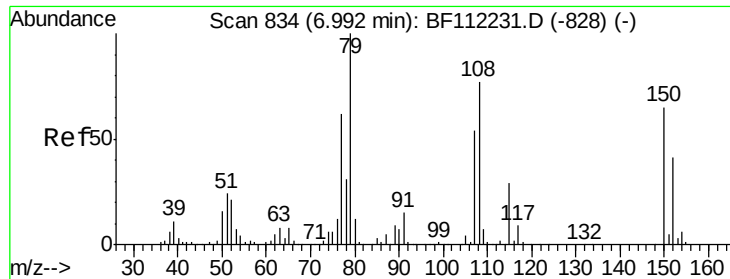
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 32.581 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.4
111	41.4	31.2	46.8





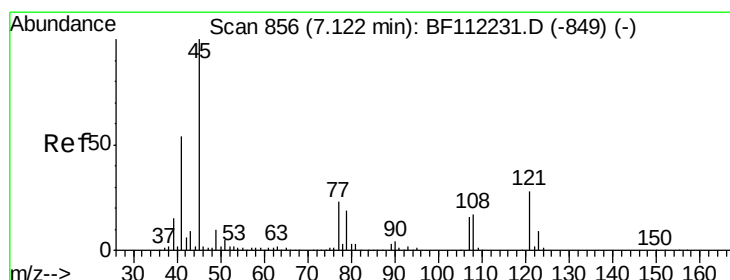
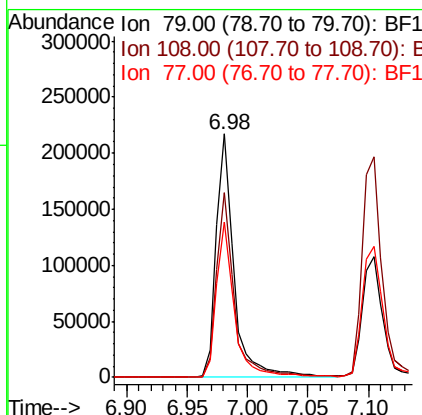
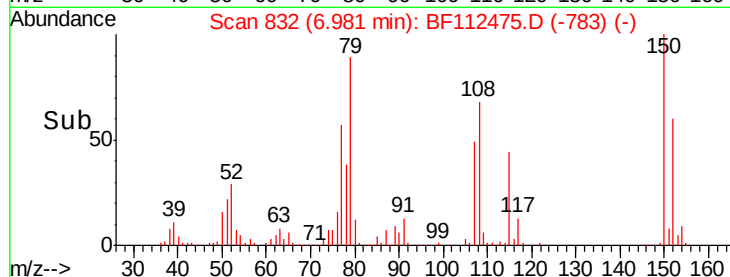
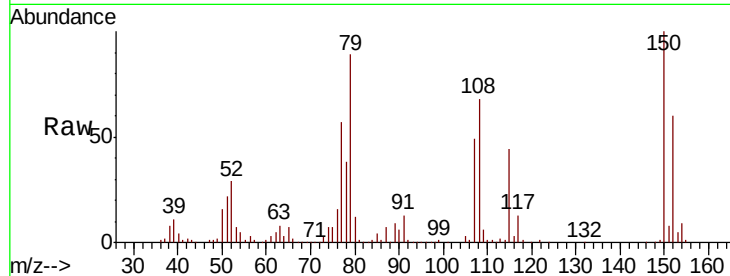
#15
Benzyl Alcohol
Concen: 33.592 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.7	64.2	96.2
77	63.5	50.3	75.5

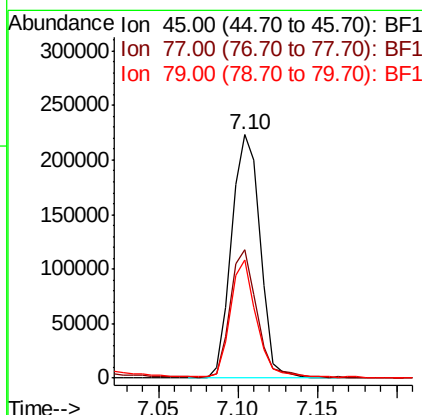
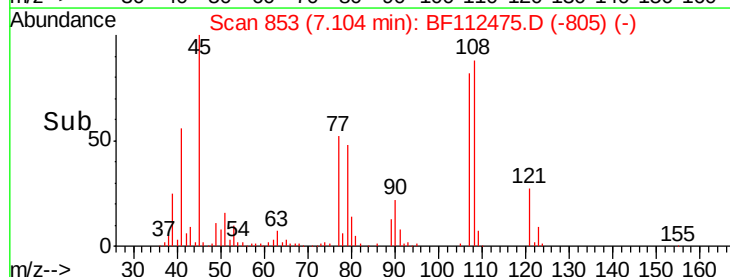
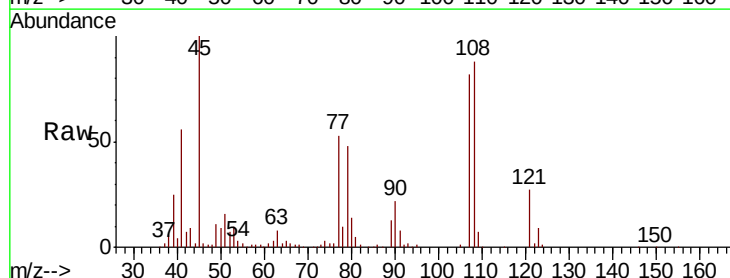
Manual Integrations
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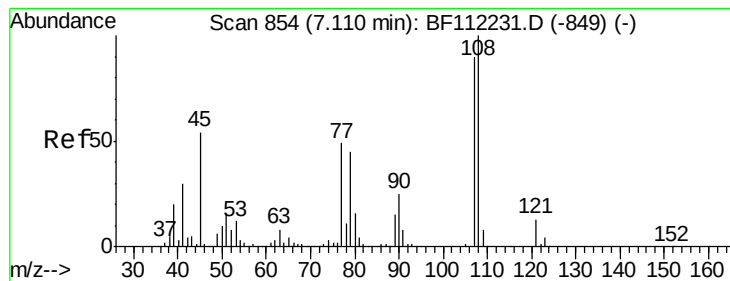
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.232 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Lower	Upper
45	100		
77	52.5	0.0	36.9#
79	48.4	0.0	34.0#





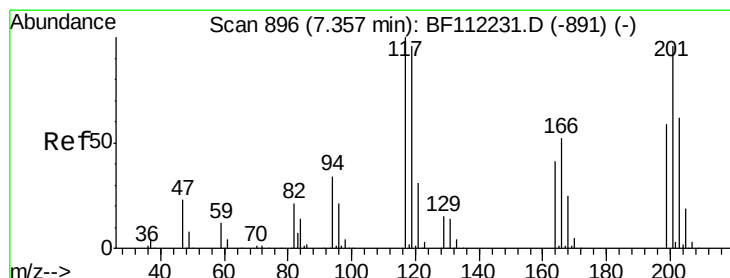
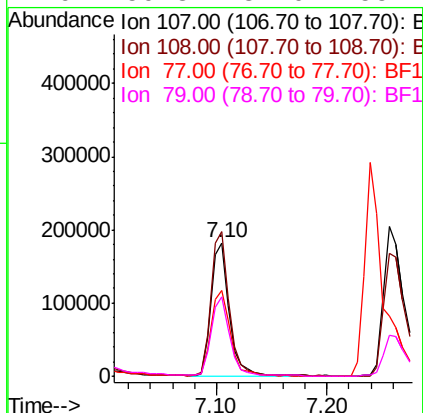
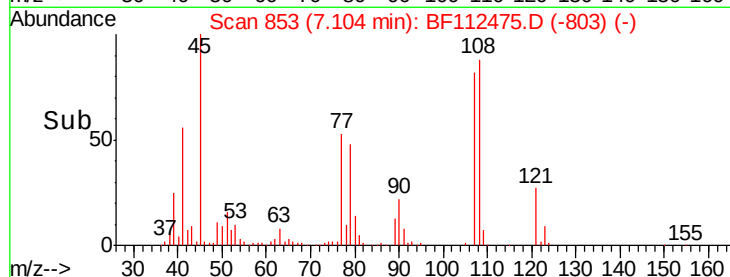
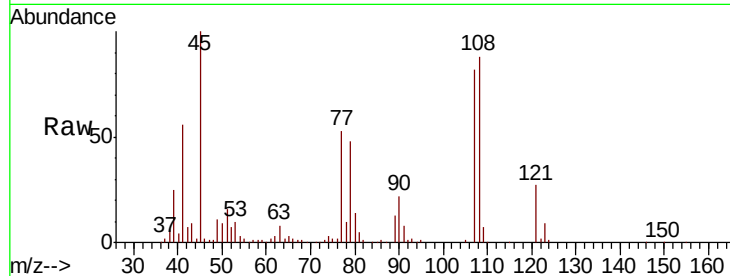
#17
2-Methylphenol
Concen: 34.110 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.1	91.3	136.9	
77	64.4	39.0	58.6	
79	59.3	37.0	55.4	

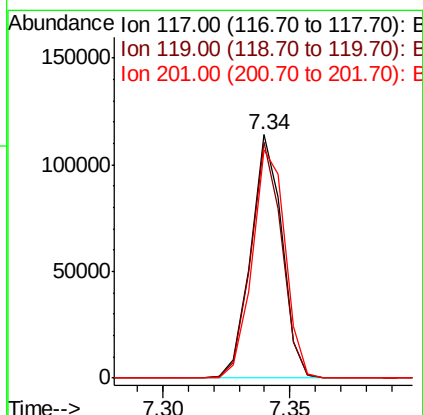
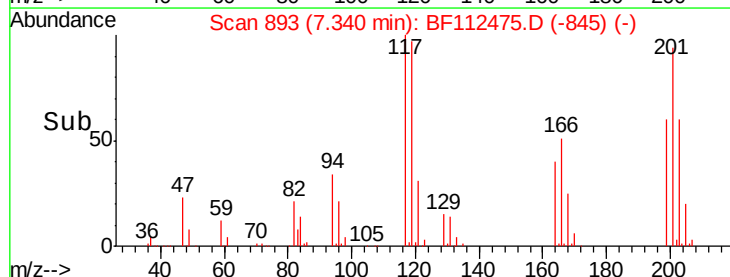
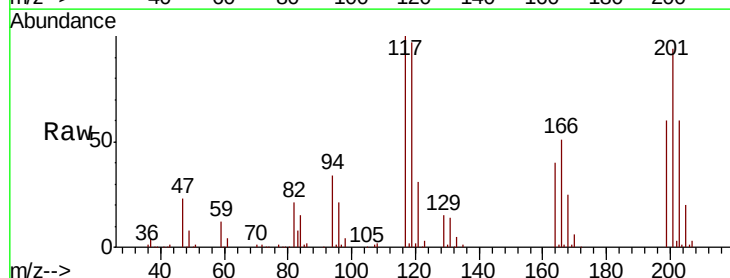
Manual Integrations
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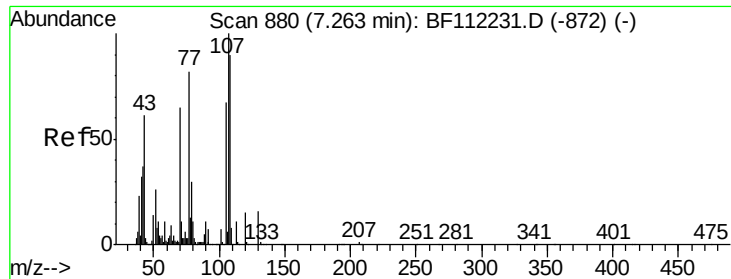
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#18
Hexachloroethane
Concen: 30.899 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.1	77.0	115.4	
201	93.7	74.1	111.1	





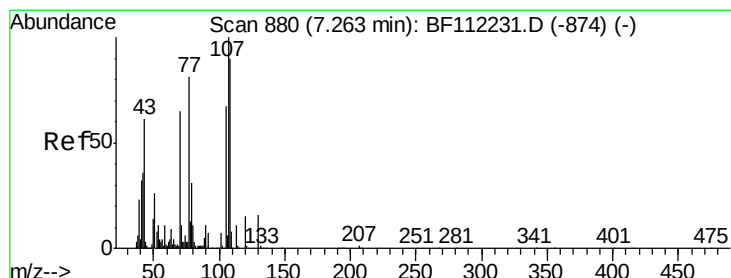
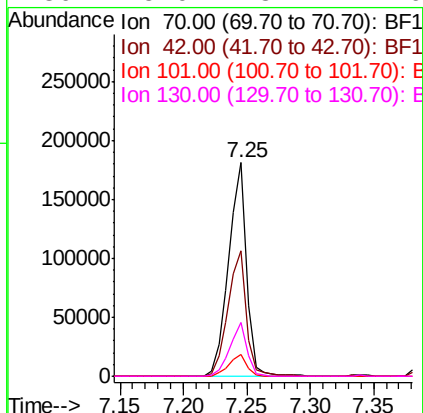
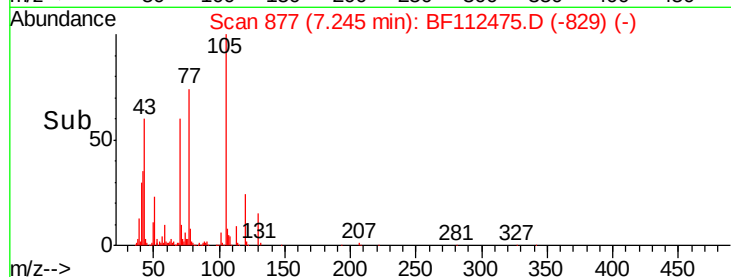
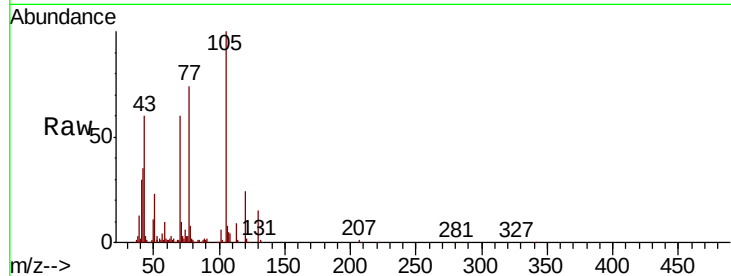
#19
n-Nitroso-di-n-propylamine
Concen: 33.137 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.6	47.6	71.4
101	10.4	7.9	11.9
130	25.0	18.4	27.6

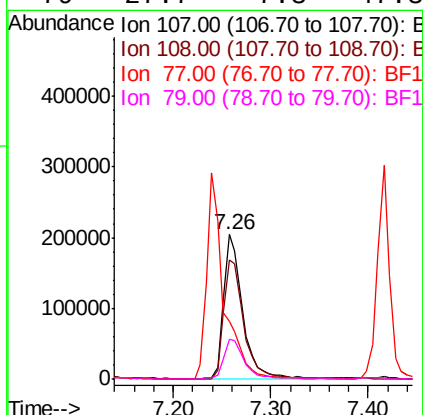
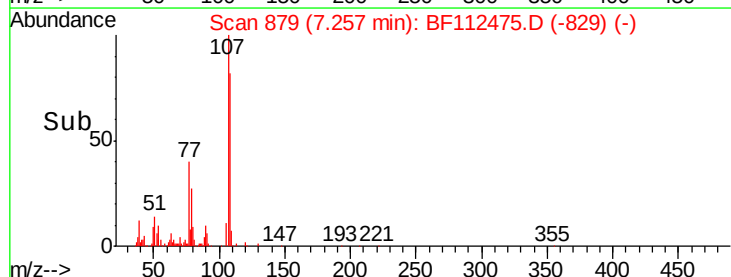
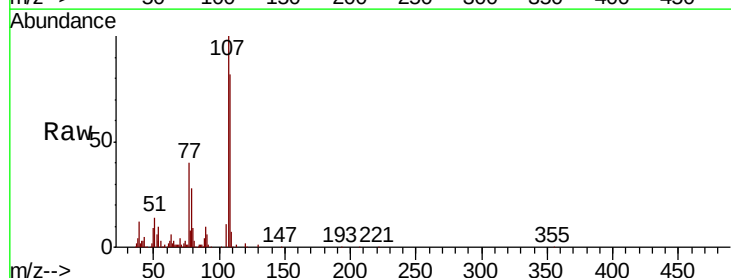
Manual Integrations
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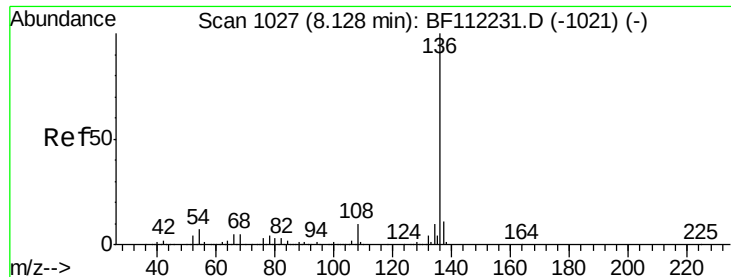
Sohil
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#20
3+4-Methylphenols
Concen: 35.695 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.1	68.2	108.2
77	40.3	100.7	140.7#
79	27.7	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

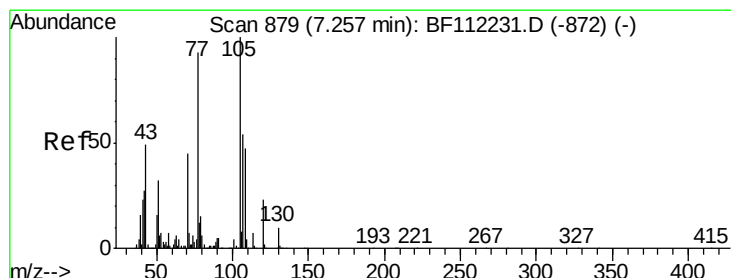
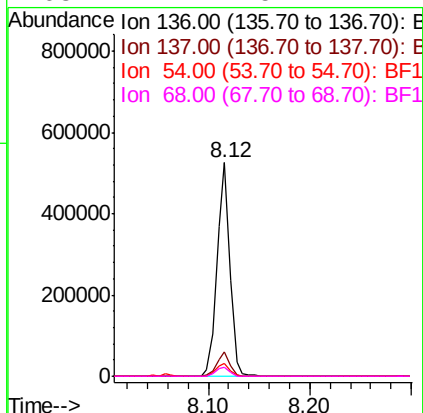
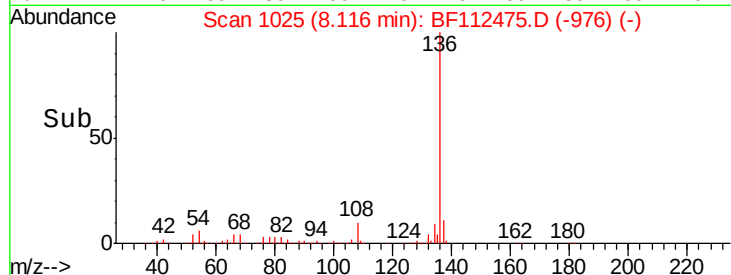
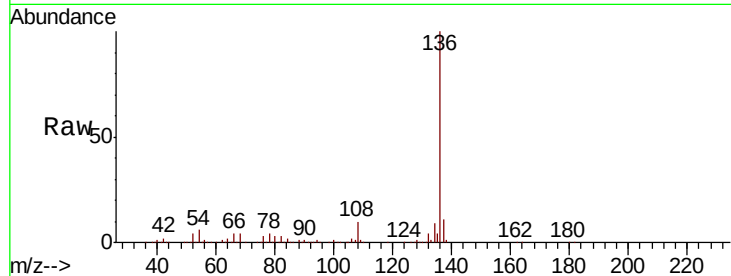
ClientSampleId :

98-SB-01-2-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	460998		
137	11.3	9.1	13.7	
54	6.0	5.9	8.9	
68	4.4	5.1	7.7	

Manual Integrations
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#22

Acetophenone

Concen: 32.238 ng

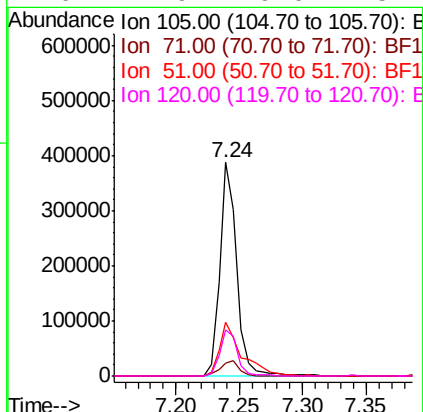
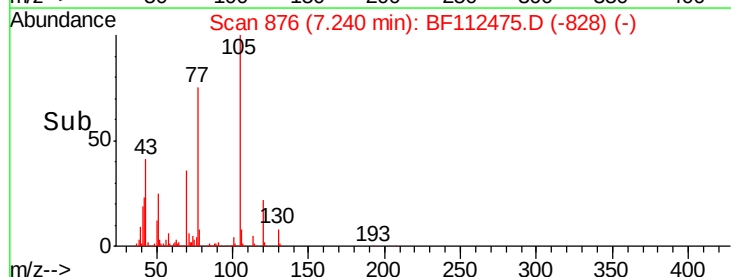
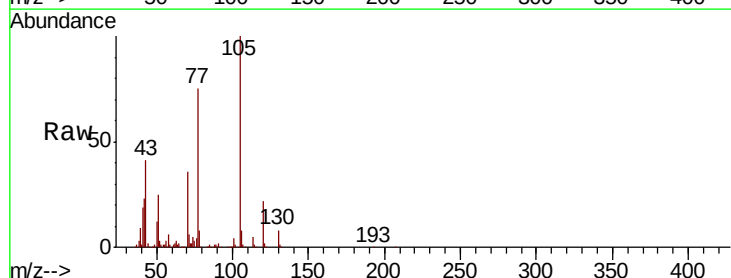
RT: 7.24 min Scan# 876

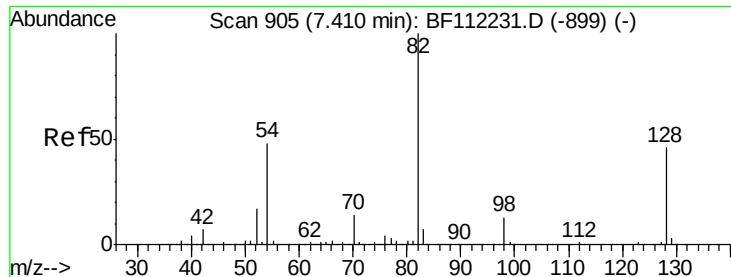
Delta R.T. -0.02 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	361887		
71	5.9	4.6	6.8	
51	25.3	25.0	37.6	
120	21.9	19.0	28.4	





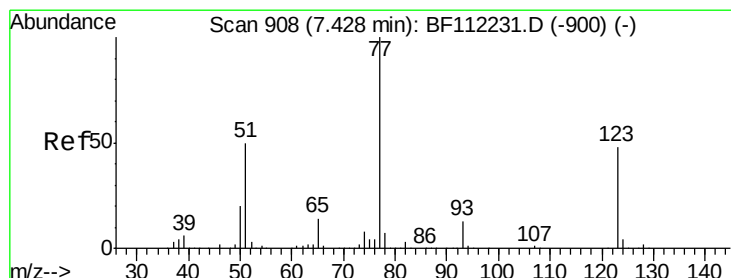
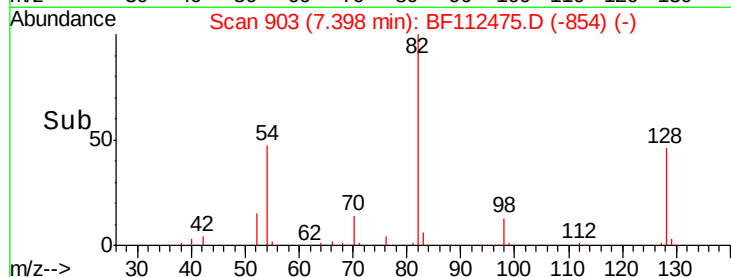
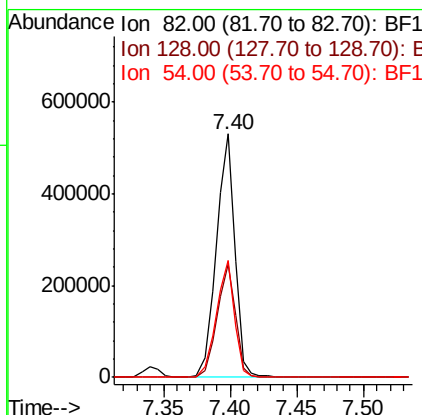
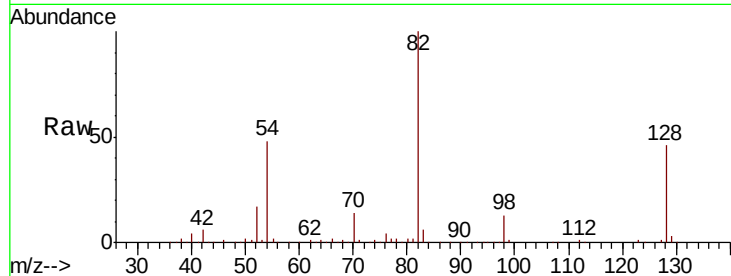
#23
 Nitrobenzene-d5
 Concen: 65.282 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.8	56.8
54	48.0	39.7	59.5

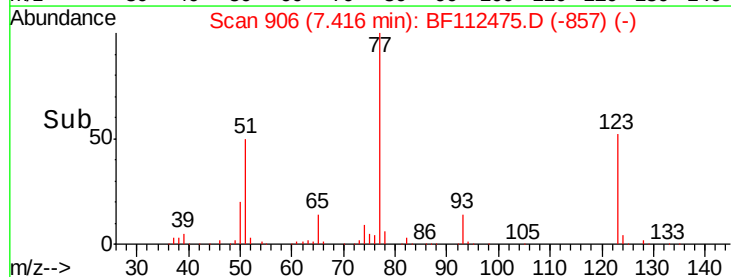
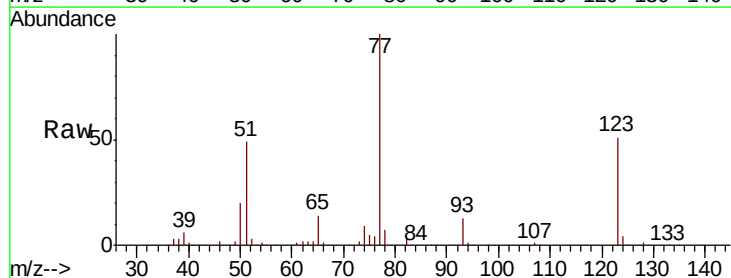
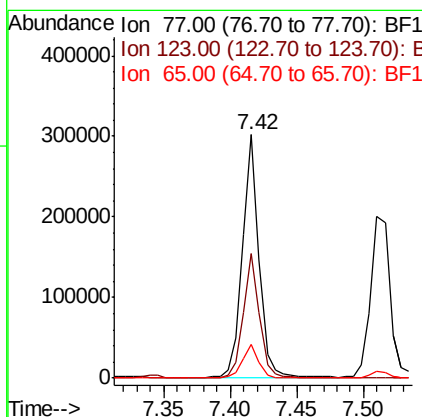
Manual Integrations
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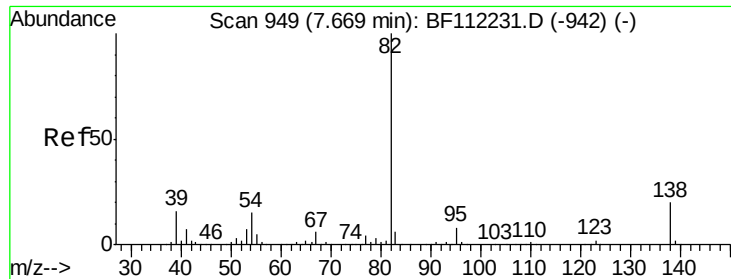
Sohil
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#24
 Nitrobenzene
 Concen: 32.727 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.1	38.4	57.6
65	14.0	10.6	15.8





#25

Isophorone

Concen: 37.085 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

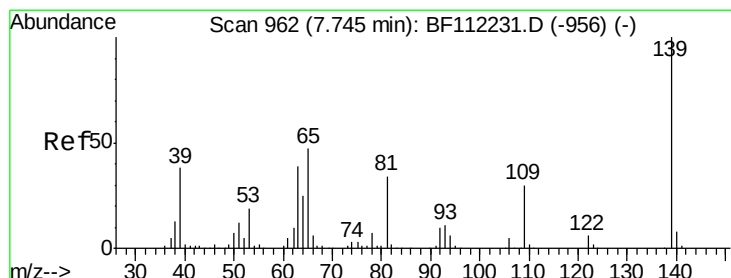
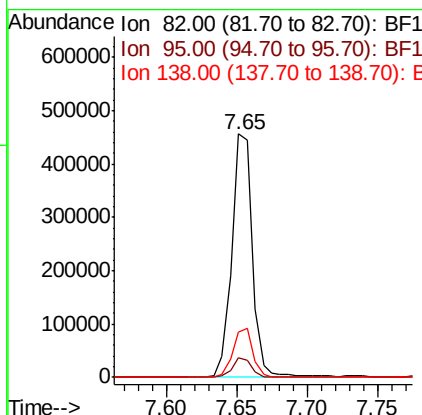
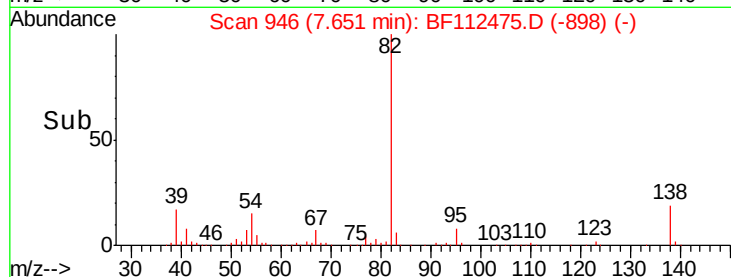
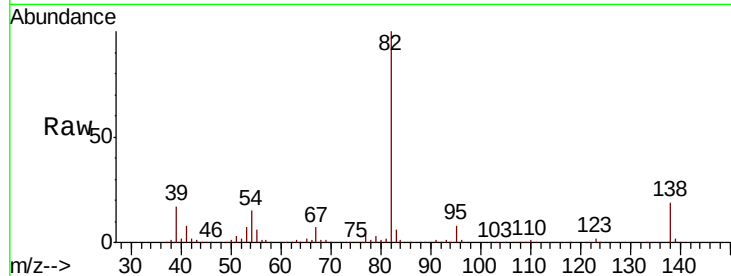
ClientSampleId :

98-SB-01-2-4MSD

Tot Ion:	82	Resp:	465464
Ion Ratio	Lower	Upper	
82	100		
95	7.9	5.7	8.5
138	18.8	15.4	23.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 28.131 ng

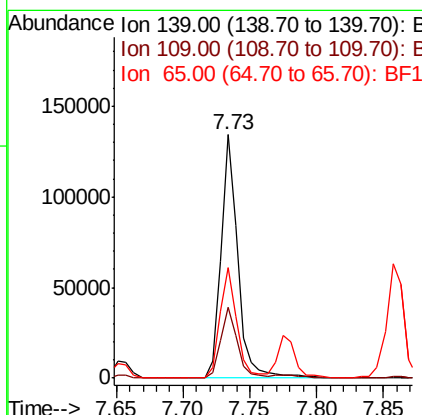
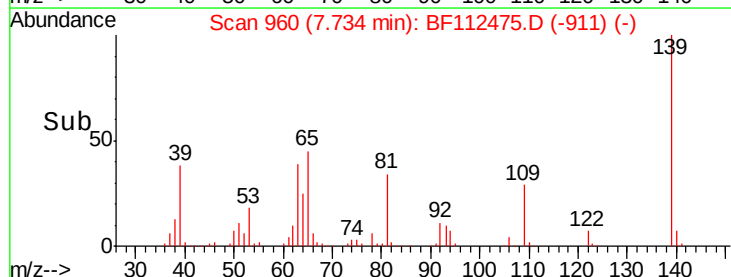
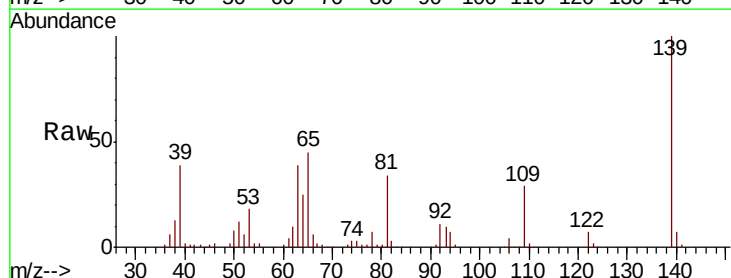
RT: 7.73 min Scan# 960

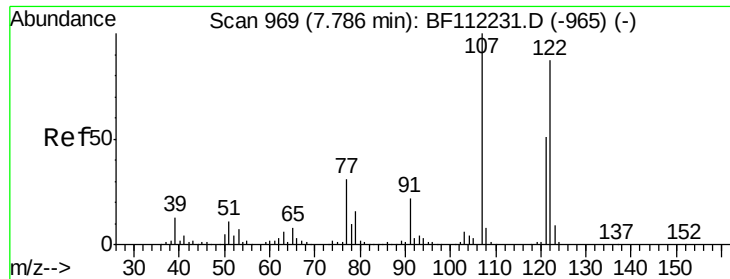
Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Tgt Ion:	139	Resp:	120123
Ion Ratio	Lower	Upper	
139	100		
109	29.0	20.8	31.2
65	45.2	34.4	51.6





#27

2,4-Dimethylphenol

Concen: 37.498 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

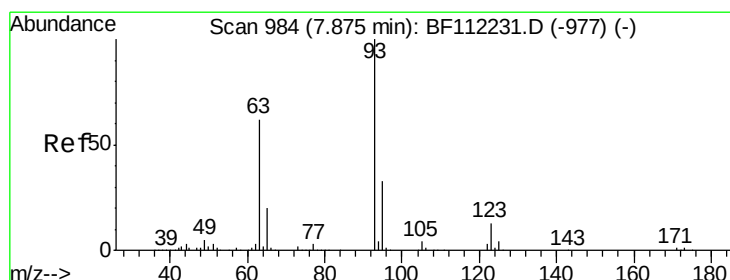
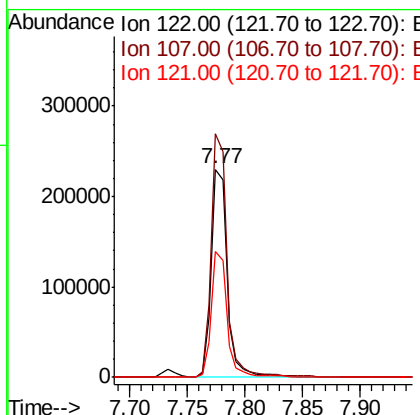
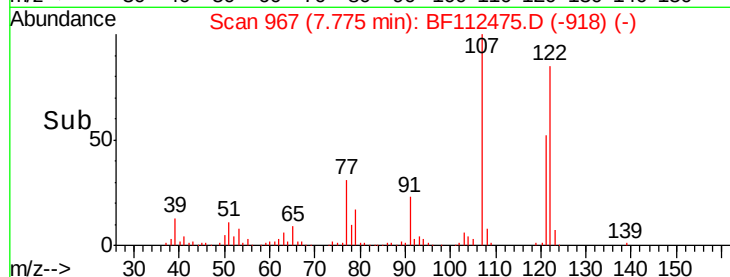
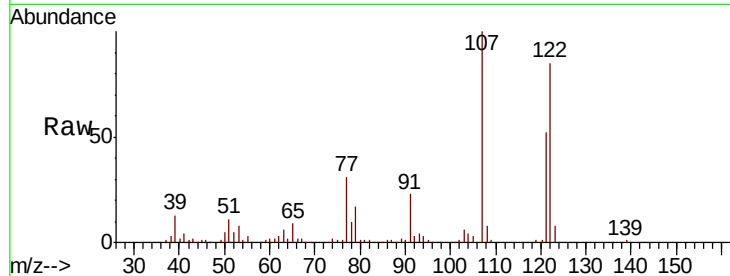
ClientSampleId :

98-SB-01-2-4MSD

Tot Ion:	122	Resp:	220609
Ion Ratio	Lower	Upper	
122	100		
107	117.2	85.4	128.0
121	60.6	47.0	70.4

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2/11/2019 4:47:13 PM



#28

bis(2-Chloroethoxy)methane

Concen: 33.715 ng

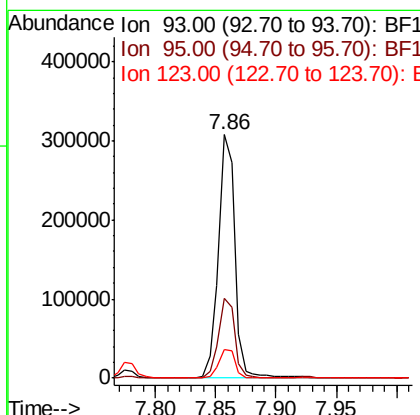
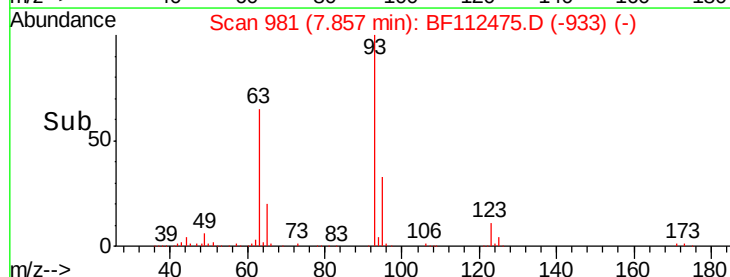
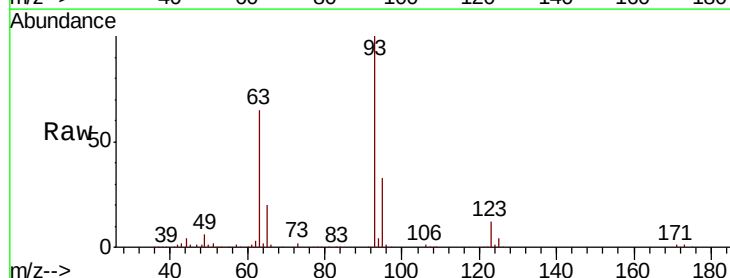
RT: 7.86 min Scan# 981

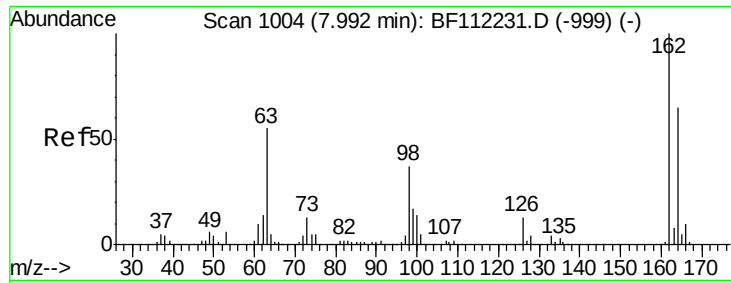
Delta R.T. -0.02 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Tgt Ion:	93	Resp:	288142
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.8	40.2
123	11.6	10.2	15.2





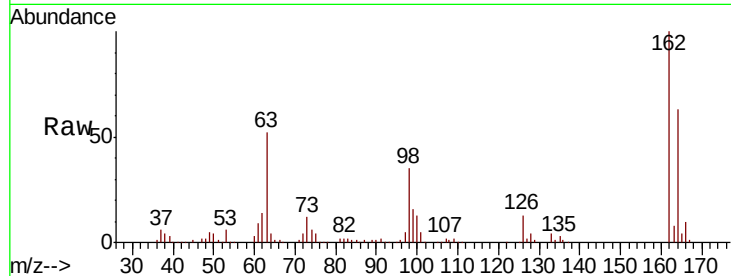
#29
2,4-Dichlorophenol
Concen: 33.012 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

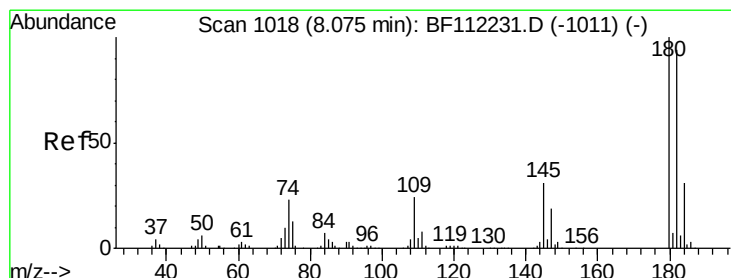
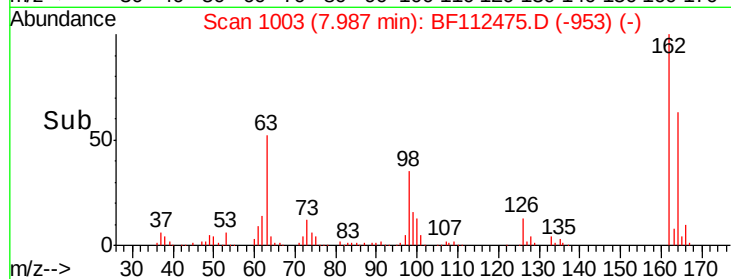
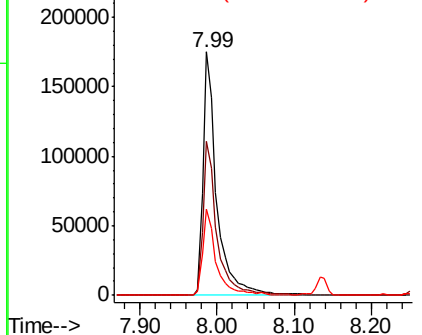
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		217347		
164	63.2	44.6	84.6		
98	35.3	14.6	54.6		

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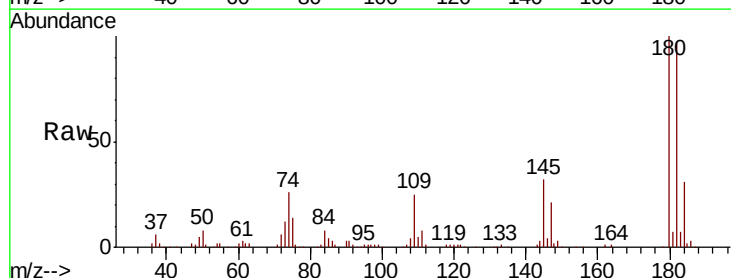


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

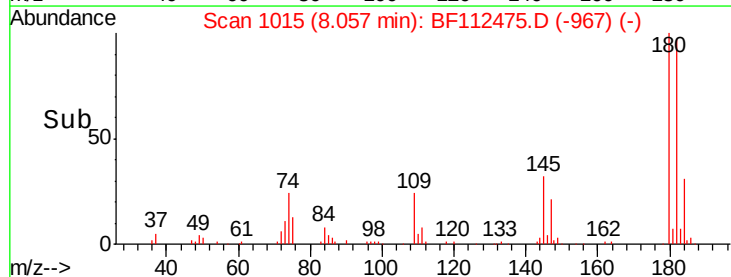
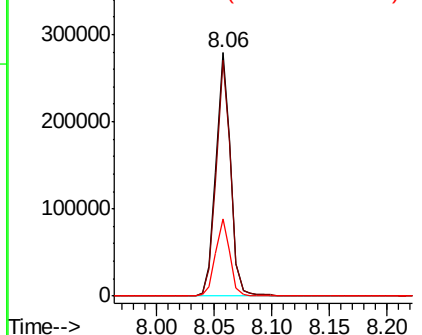


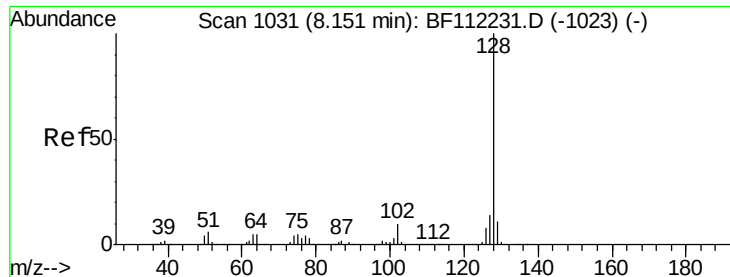
#30
1,2,4-Trichlorobenzene
Concen: 32.329 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		244661		
182	96.8	76.4	114.6		
145	31.9	25.0	37.4		



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





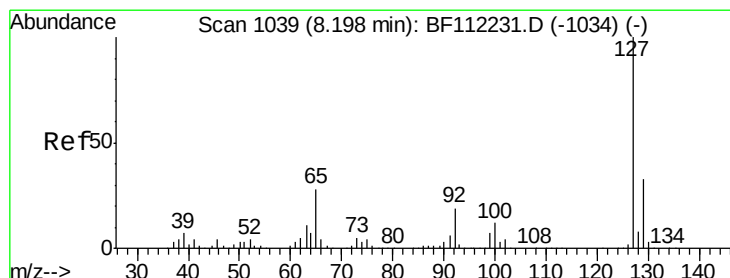
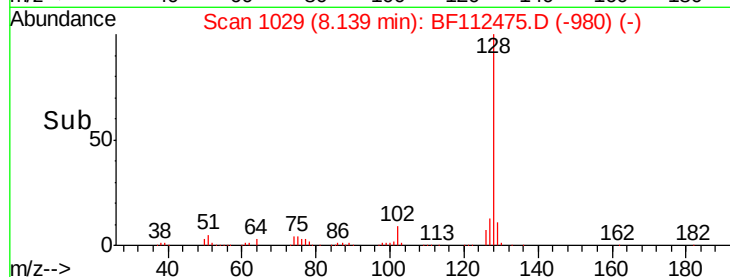
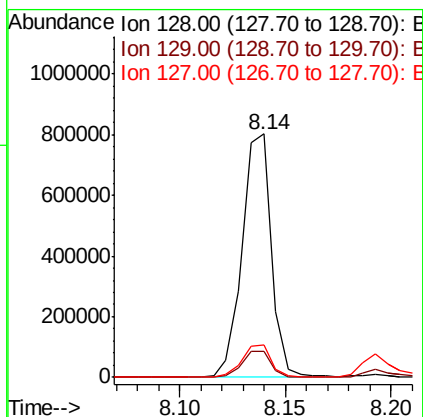
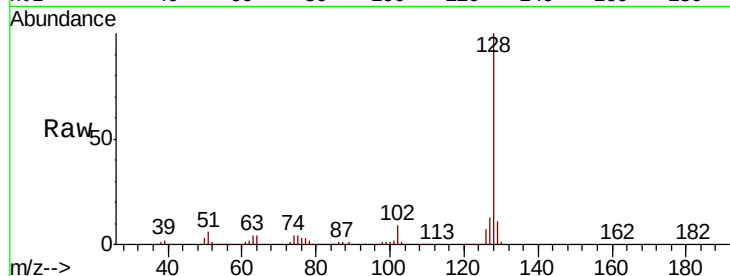
#31
Naphthalene
Concen: 35.886 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.6	14.4
127	13.4	11.1	16.7

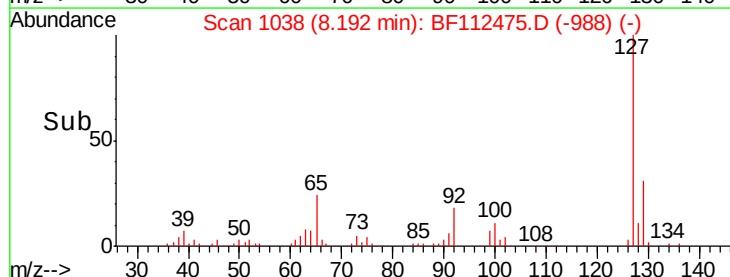
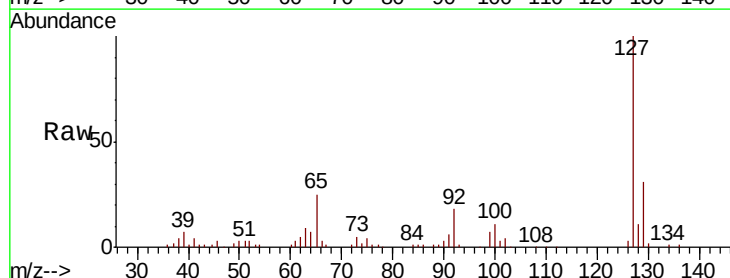
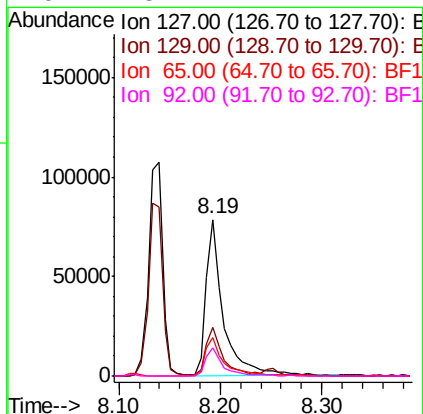
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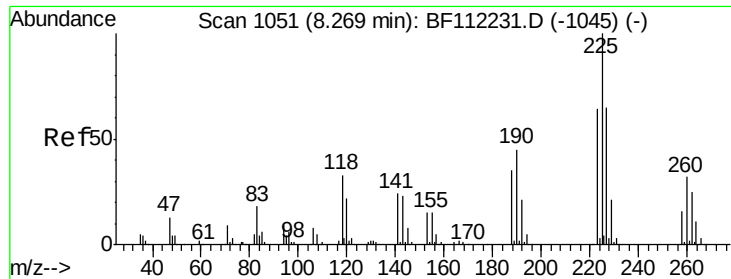
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#33
4-Chloroaniline
Concen: 9.834 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.6	39.8
65	24.5	21.4	32.2
92	18.2	14.2	21.2





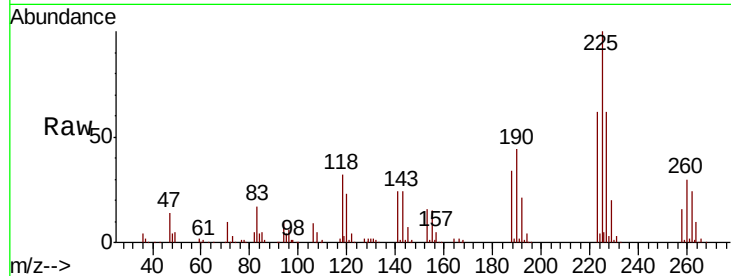
#34
Hexachlorobutadiene
Concen: 31.040 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

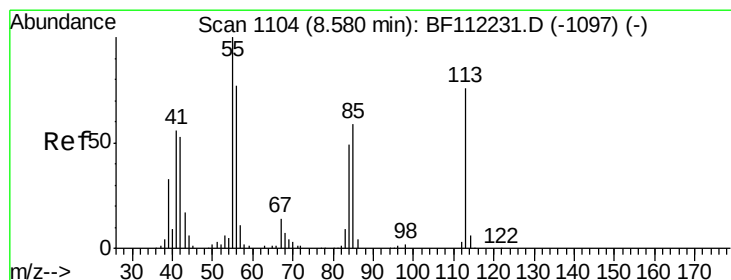
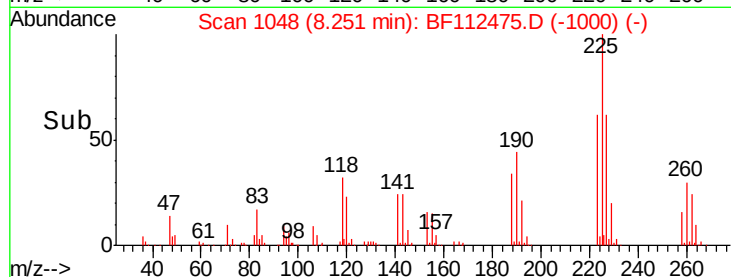
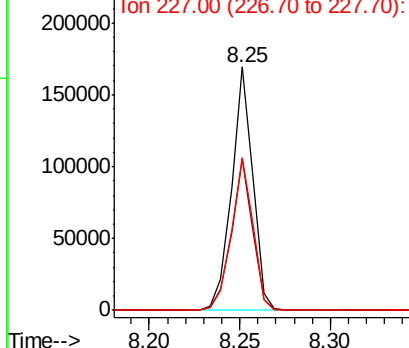
Tot Ion:	225	Resp:	137849
Ion Ratio	Lower	Upper	
225	100		
223	62.4	50.3	75.5
227	62.5	51.8	77.8

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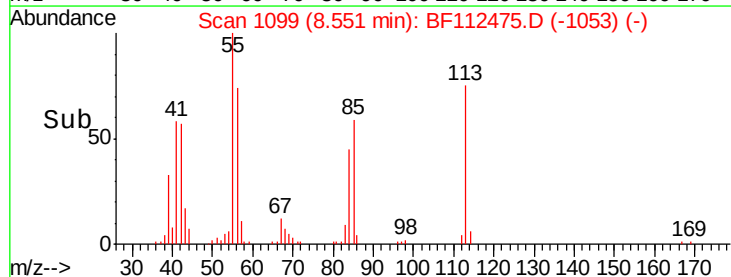
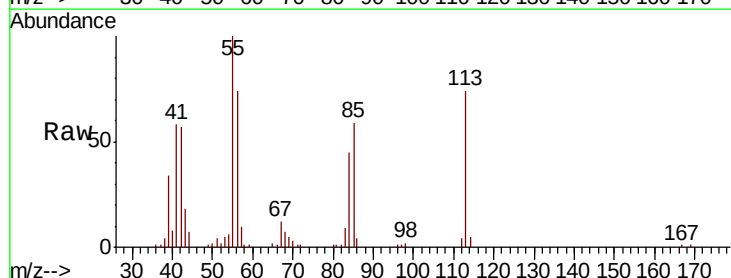
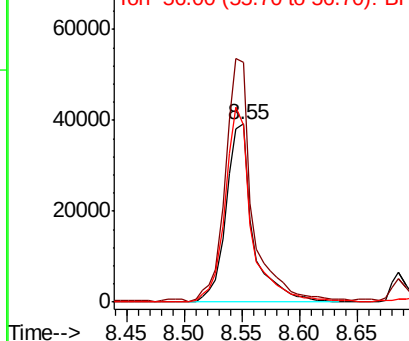
Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

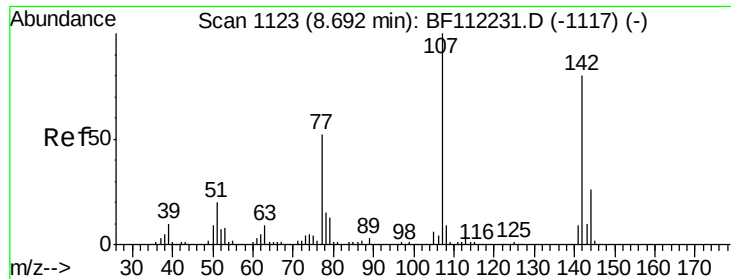


#35
Caprolactam
Concen: 27.250 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.03 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion:	113	Resp:	63291
Ion Ratio	Lower	Upper	
113	100		
55	134.7	121.6	161.6
56	99.3	86.7	126.7

Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1





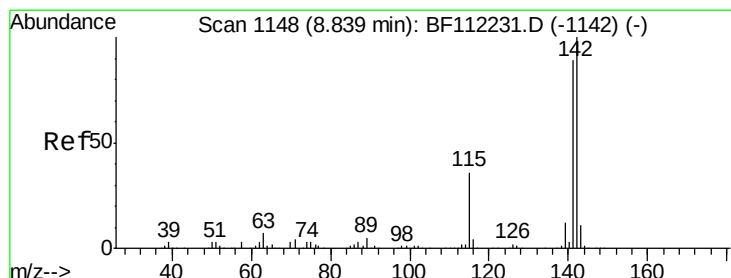
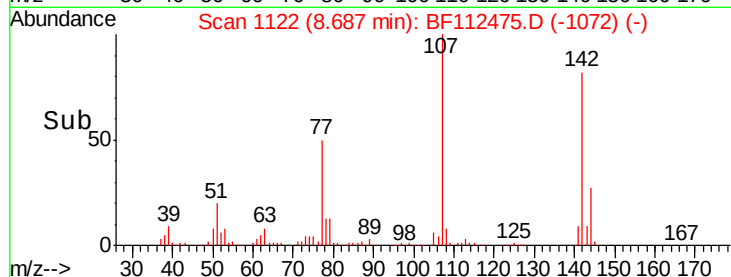
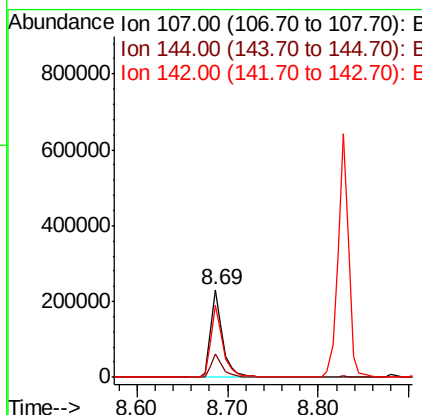
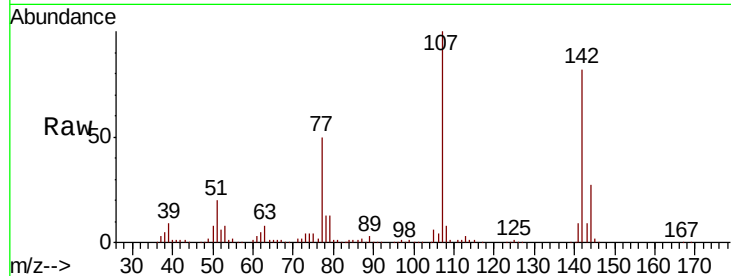
#36
 4-Chloro-3-methylphenol
 Concen: 31.507 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	27.2	22.2	33.2
142	82.5	67.7	101.5

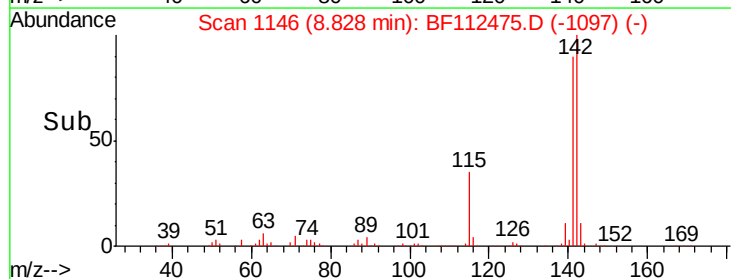
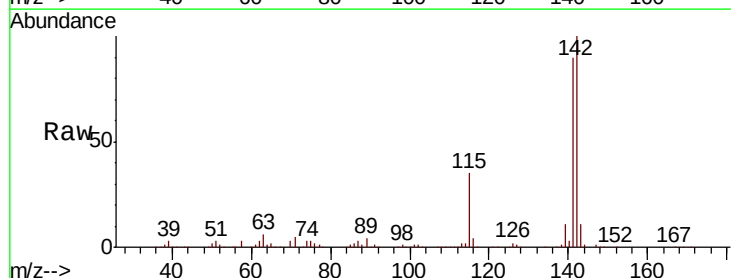
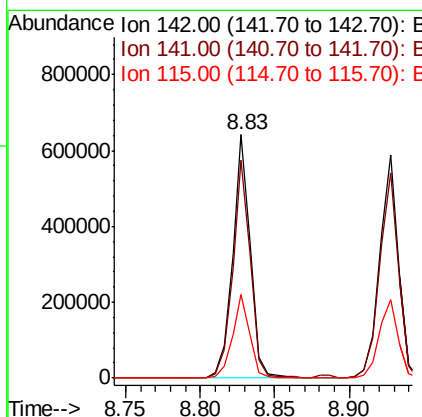
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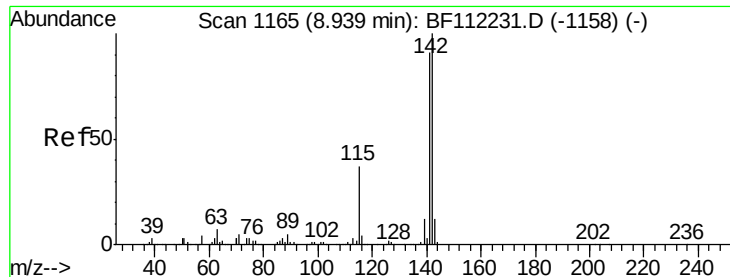
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#37
 2-Methylnaphthalene
 Concen: 36.252 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.9	106.3
115	34.5	24.9	37.3





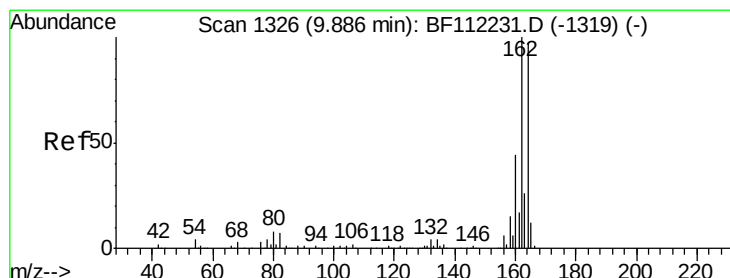
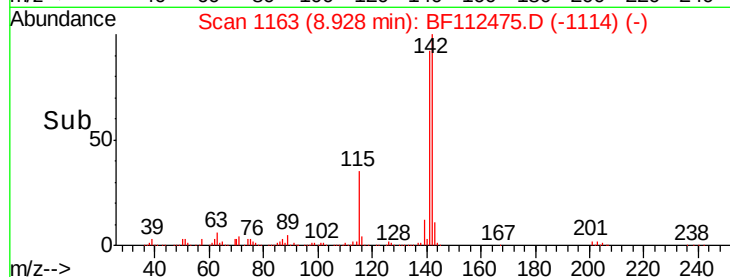
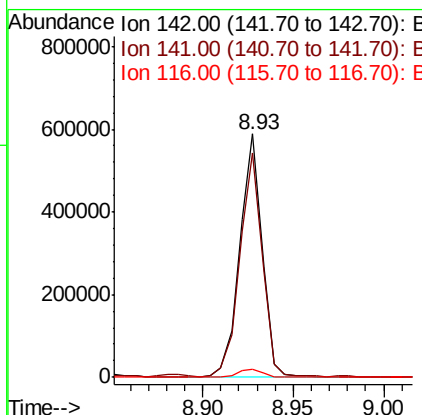
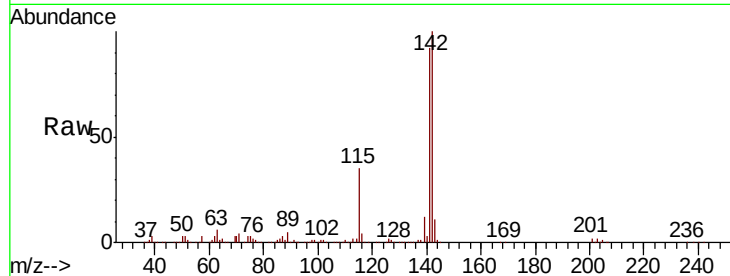
#38
1-Methylnaphthalene
Concen: 35.413 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Instrument :
BNA_F
ClientSampled :
98-SB-01-2-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	500937		
141	92.1	72.6	108.8	
116	3.5	2.8	4.2	

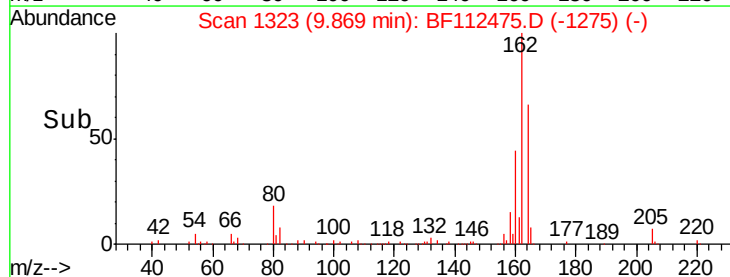
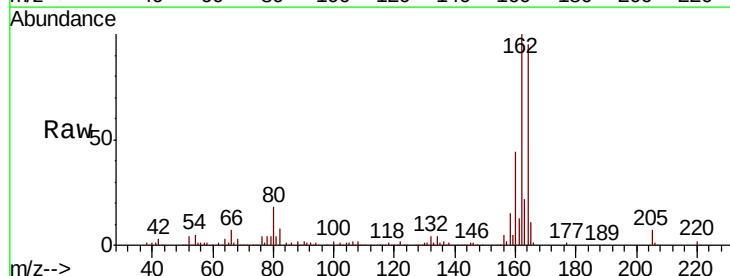
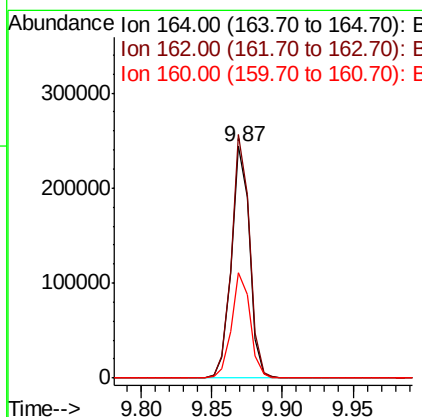
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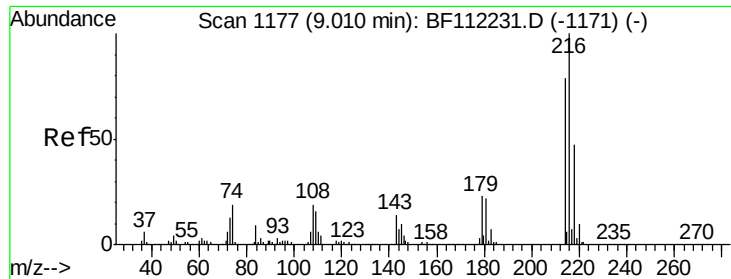
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	218107		
162	105.1	82.2	123.4	
160	45.7	36.2	54.4	





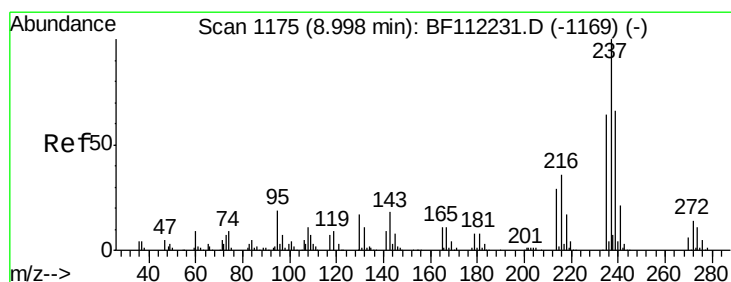
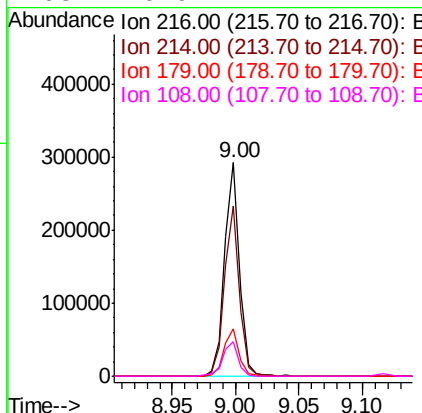
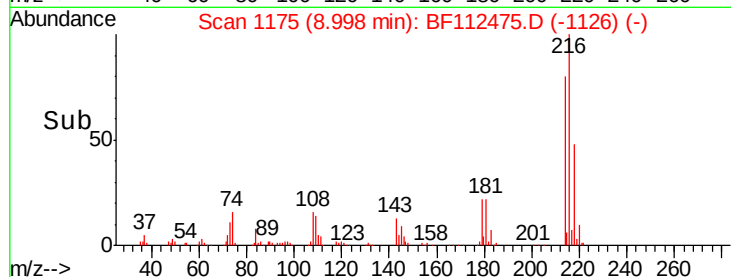
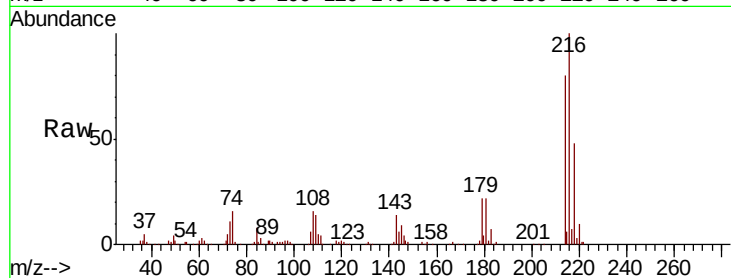
#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.514 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		240001		
214	79.4	63.8	95.6		
179	22.2	16.9	25.3		
108	16.9	14.2	21.4		

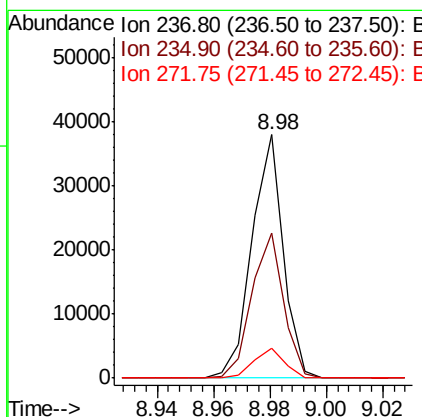
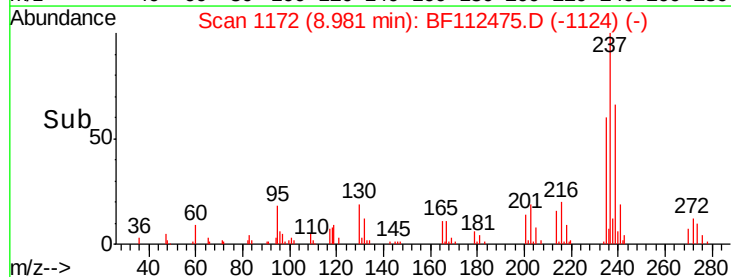
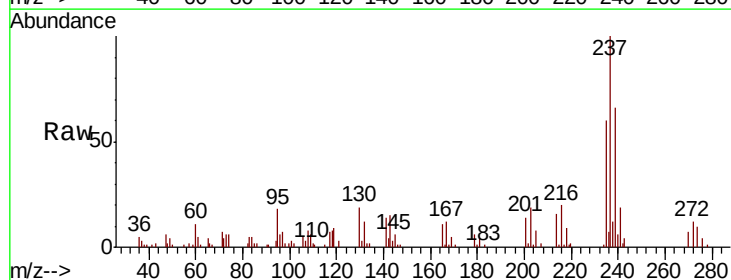
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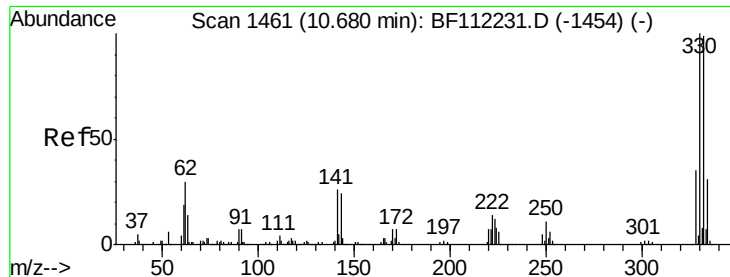
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#41
Hexachlorocyclopentadiene
Concen: 19.010 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		29277		
235	59.6	44.0	84.0		
272	12.4	0.0	33.3		





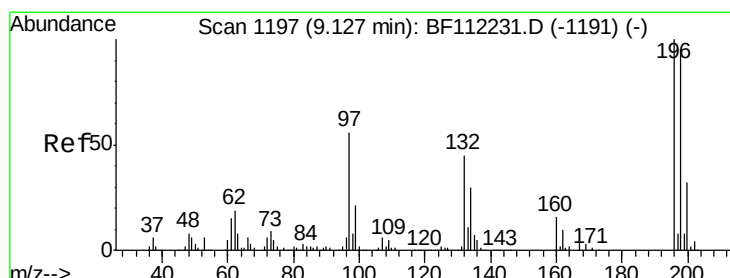
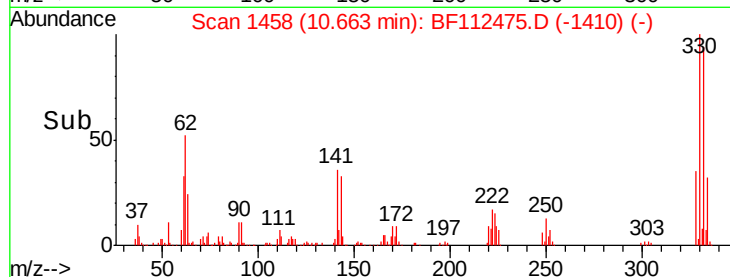
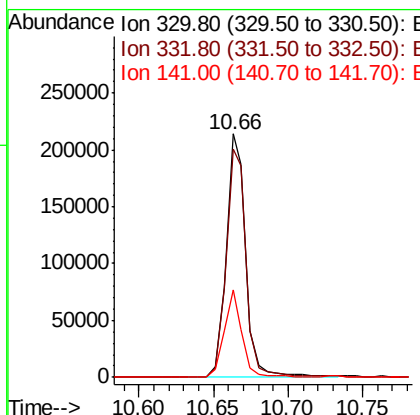
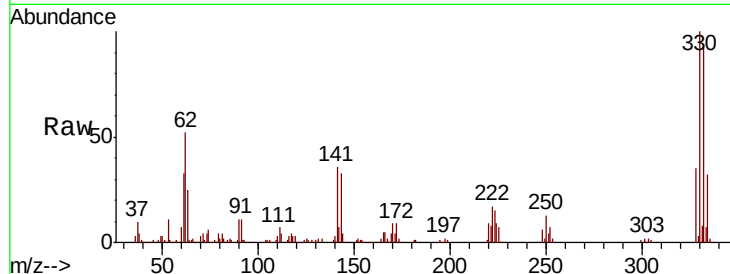
#42
 2,4,6-Tribromophenol
 Concen: 78.216 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	198568		
332	97.0	76.6	114.8	
141	32.7	24.3	36.5	

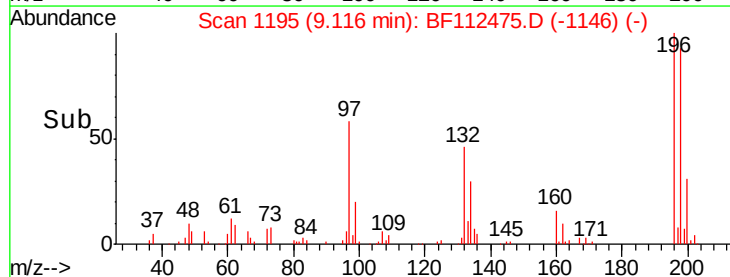
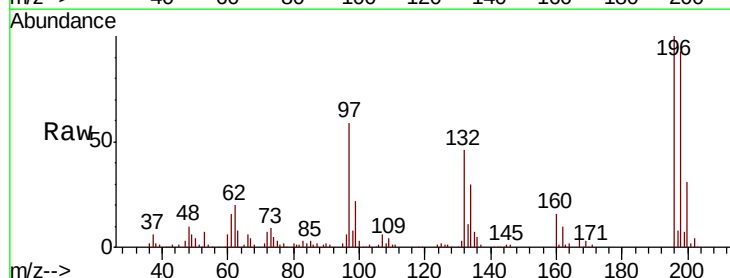
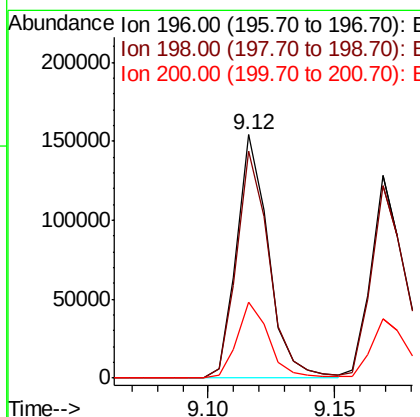
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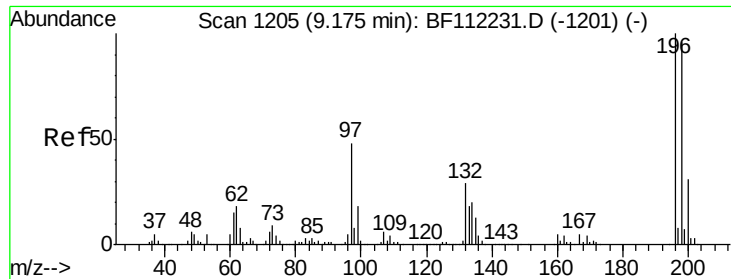
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#43
 2,4,6-Trichlorophenol
 Concen: 30.652 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	135308		
198	93.4	76.2	114.4	
200	31.1	24.3	36.5	





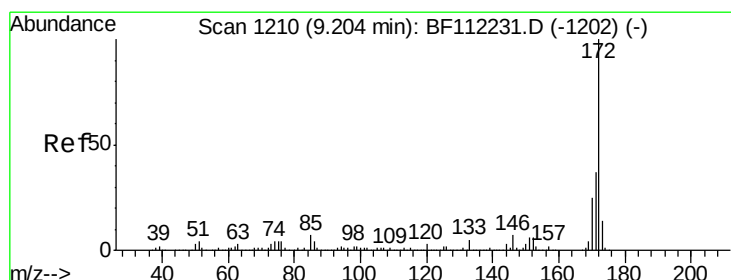
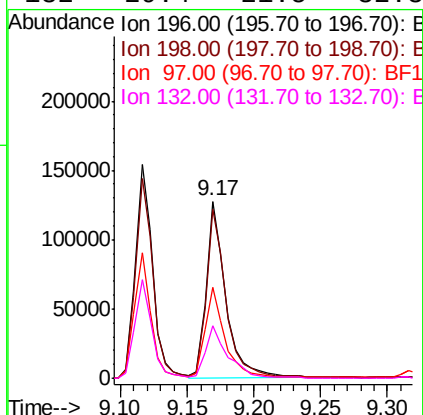
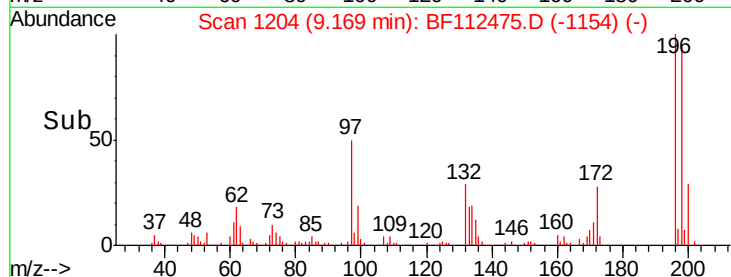
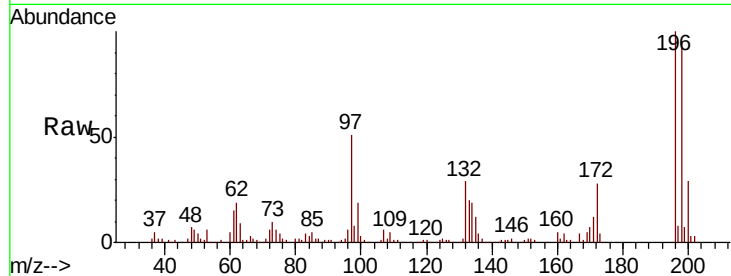
#44
 2,4,5-Trichlorophenol
 Concen: 28.356 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	130821		
198	95.4	76.0	114.0	
97	51.0	36.4	54.6	
132	29.4	21.5	32.3	

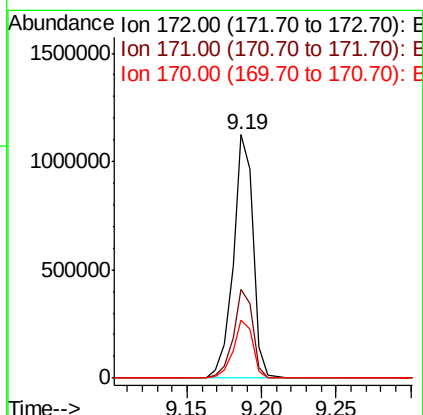
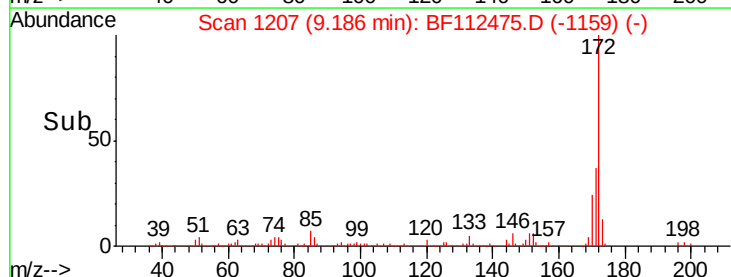
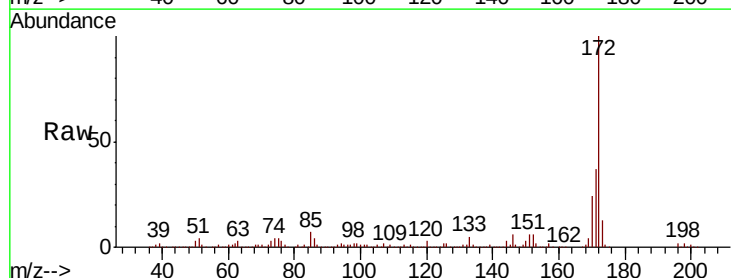
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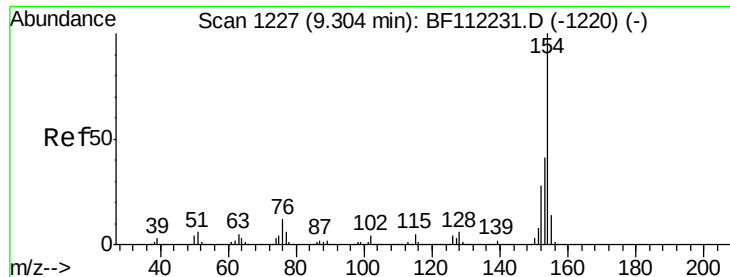
Sohil
 2/11/2019 4:47:13 PM



#45
 2-Fluorobiphenyl
 Concen: 68.205 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1051798		
171	36.7	30.5	45.7	
170	23.6	20.2	30.4	





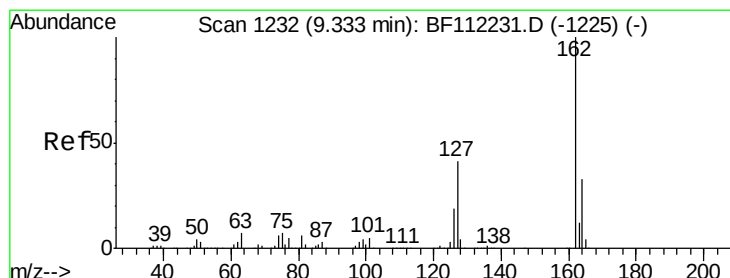
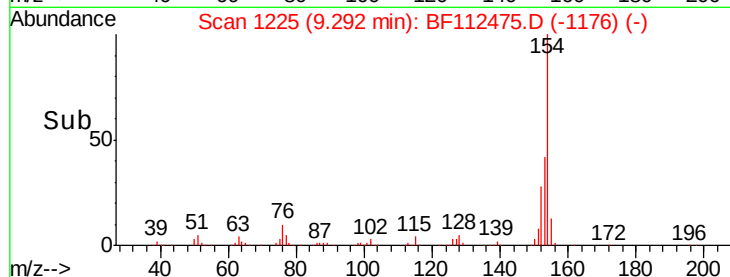
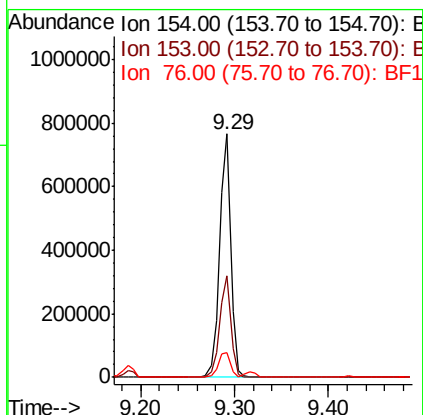
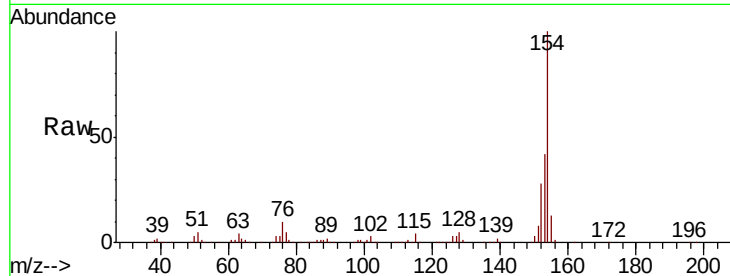
#46
1,1'-Biphenyl
Concen: 33.627 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.5	61.5
76	10.1	0.0	33.1

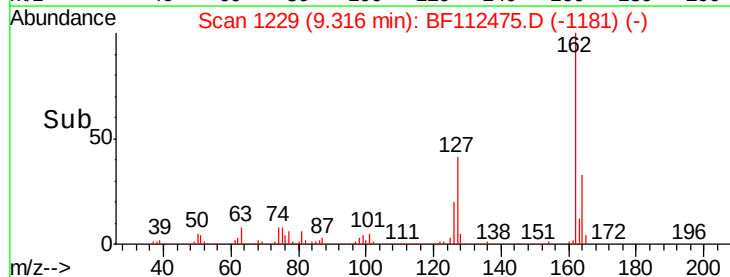
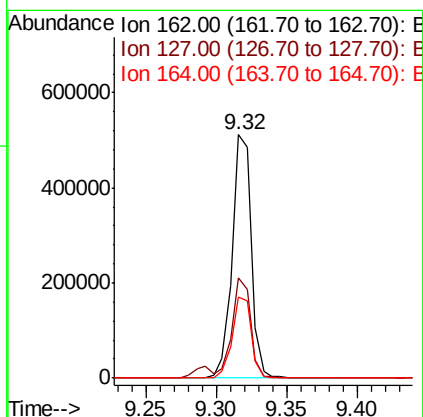
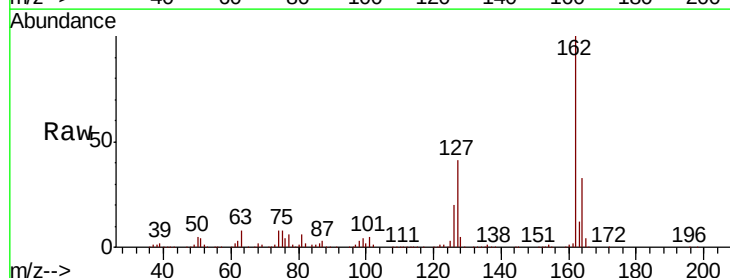
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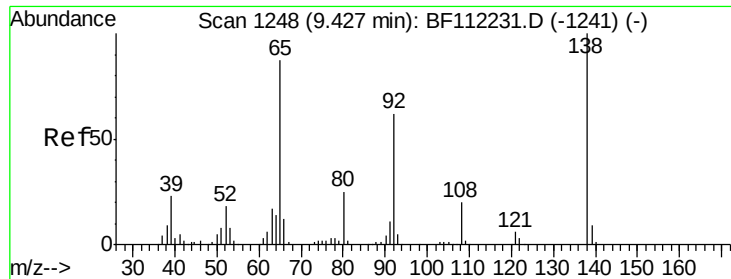
Sohil
2/11/2019 4:47:13 PM



#47
2-Chloronaphthalene
Concen: 32.788 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	30.4	45.6
164	33.2	27.4	41.2





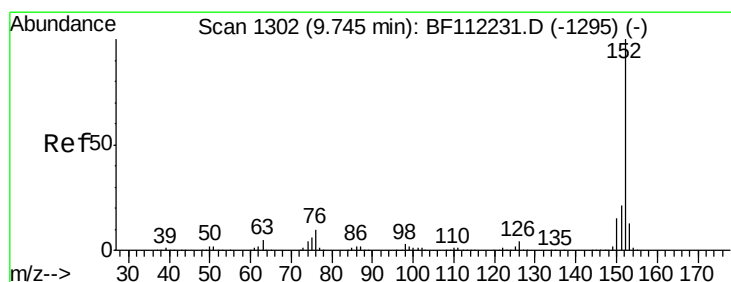
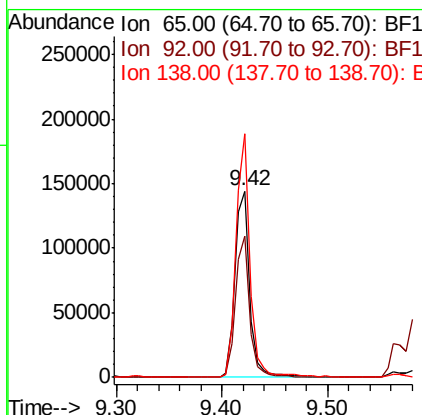
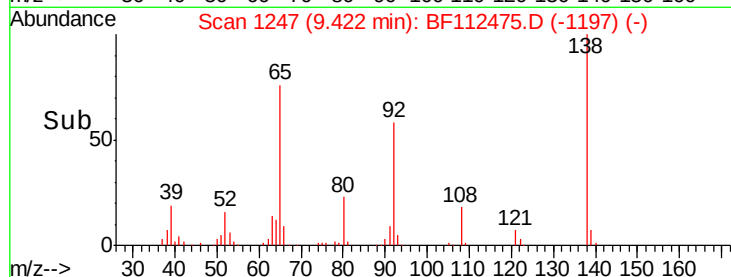
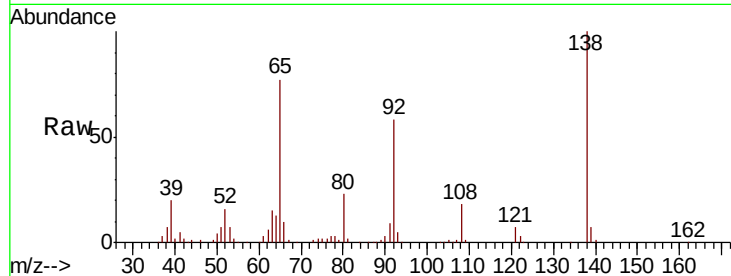
#48
2-Nitroaniline
Concen: 34.152 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.6	60.4	90.6
138	130.6	104.4	156.6

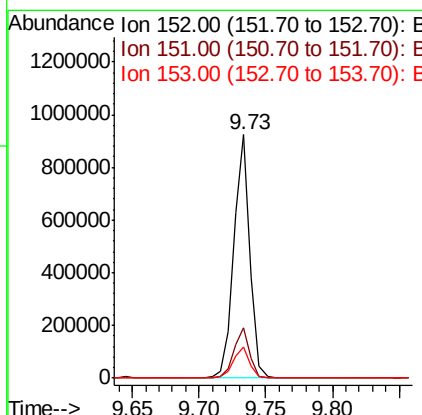
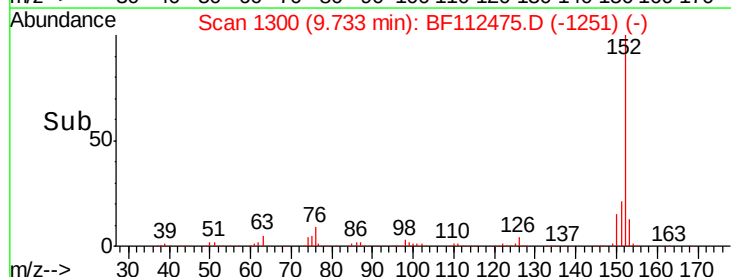
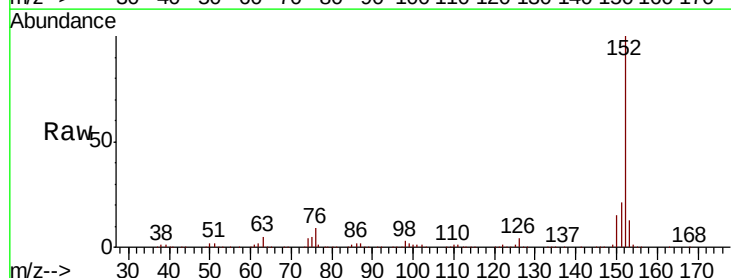
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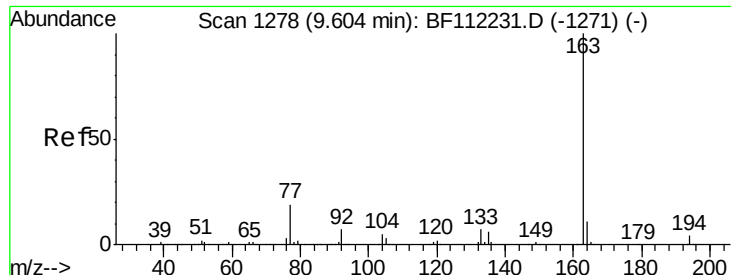
Sohil
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#49
Acenaphthylene
Concen: 35.947 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.0	25.6
153	13.0	11.2	16.8





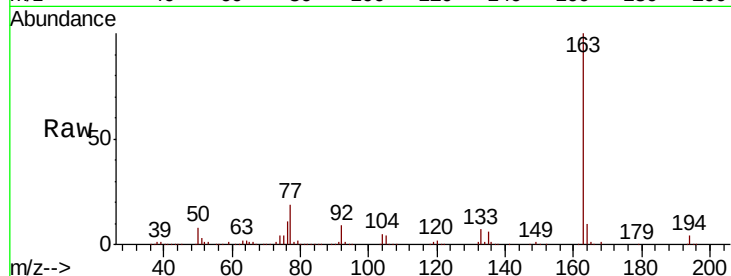
#50
Dimethylphthalate
Concen: 37.869 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

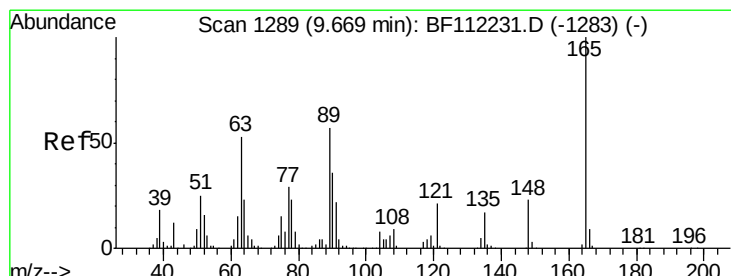
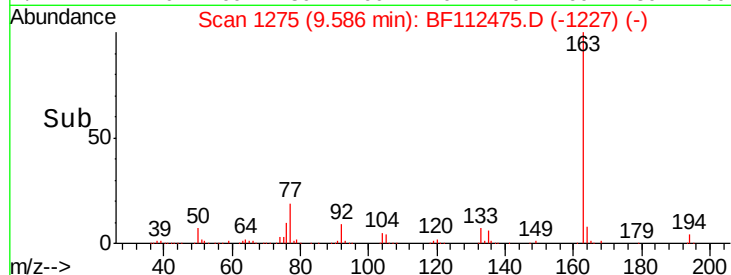
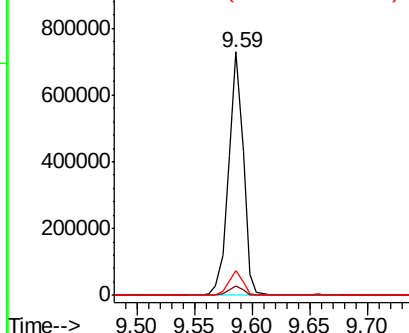
Tot Ion	Ratio	Resp	Lower	Upper
163	100	641724		
194	3.9		3.3	4.9
164	10.3		8.5	12.7

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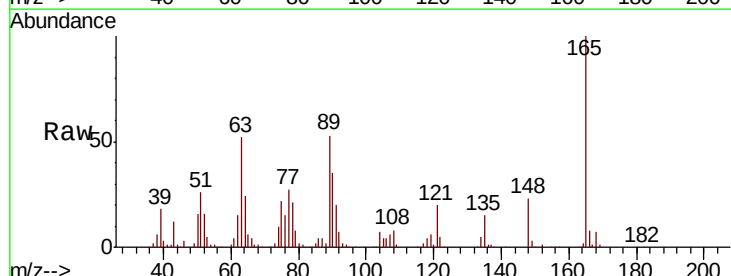


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

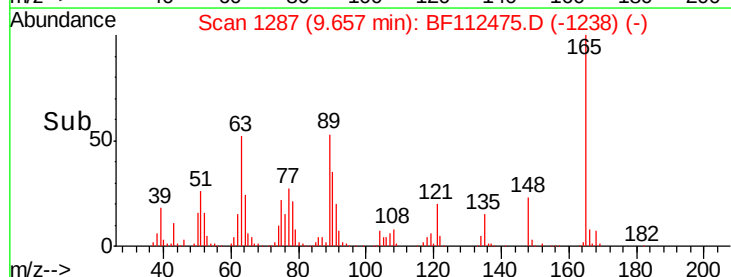
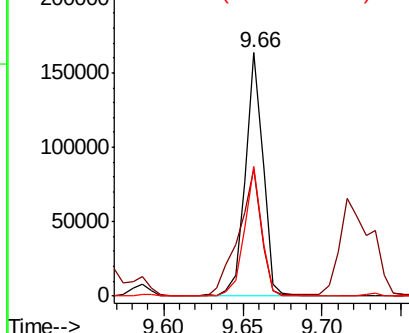


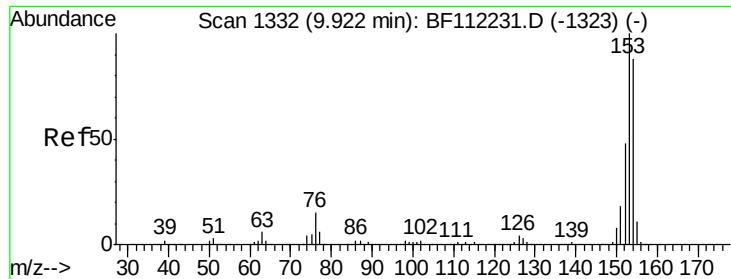
#51
2,6-Dinitrotoluene
Concen: 33.308 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	126411		
63	52.4		33.8	50.8#
89	53.0		36.9	55.3



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 34.324 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

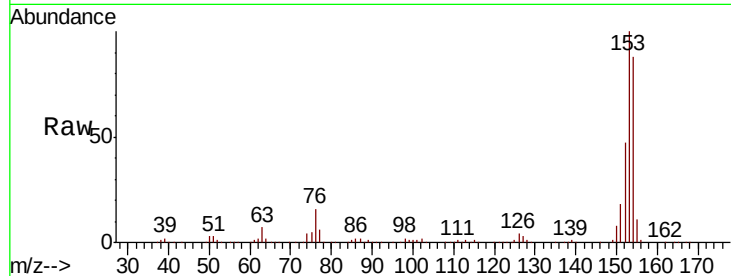
ClientSampleId :

98-SB-01-2-4MSD

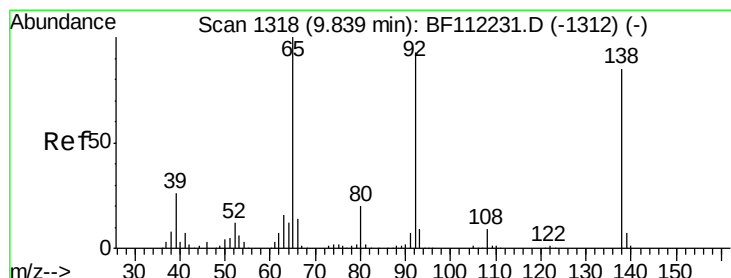
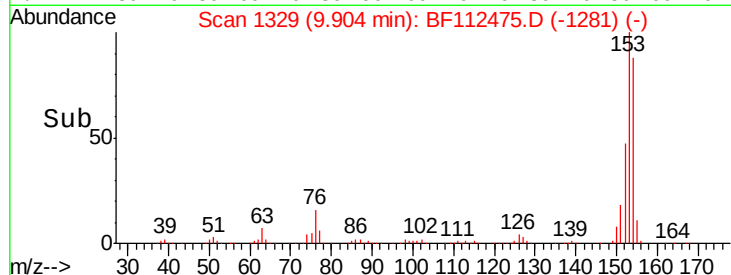
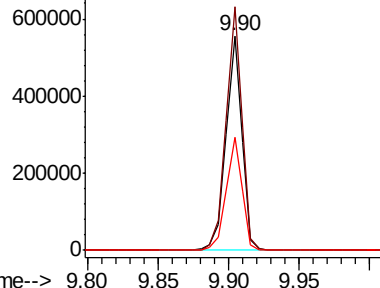
Tot Ion:	154	Resp:	444381
Ion Ratio	Lower	Upper	
154	100		
153	113.3	89.8	134.6
152	52.9	43.5	65.3

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



#53

3-Nitroaniline

Concen: 20.875 ng

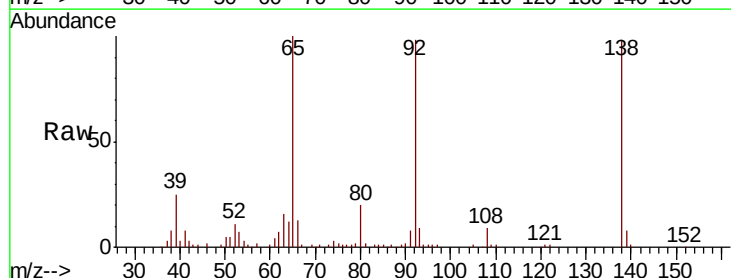
RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

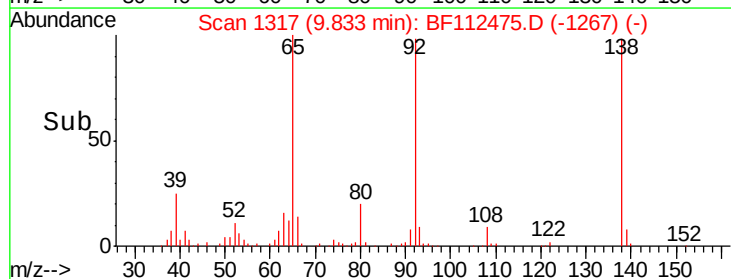
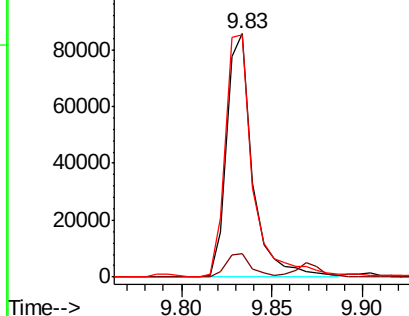
Lab File: BF112475.D

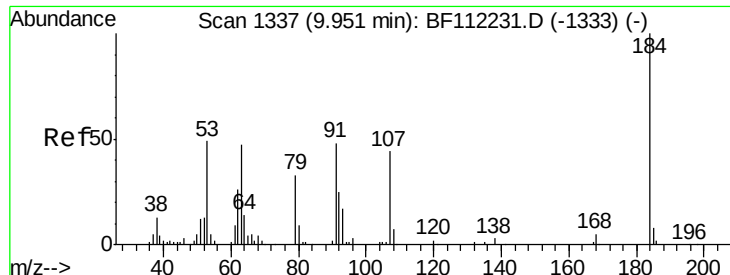
Acq: 8 Feb 2019 22:19

Tgt Ion:	138	Resp:	85829
Ion Ratio	Lower	Upper	
138	100		
108	9.6	9.8	14.6#
92	99.7	79.4	119.2



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





#54

2,4-Dinitrophenol

Concen: 0.711 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.03 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

Tot Ion:184 Resp: 866

Ion Ratio Lower Upper

184 100

63 54.6 47.1 70.7

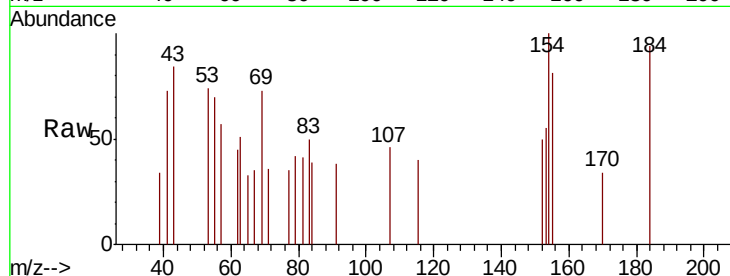
154 106.8 48.9 73.3#

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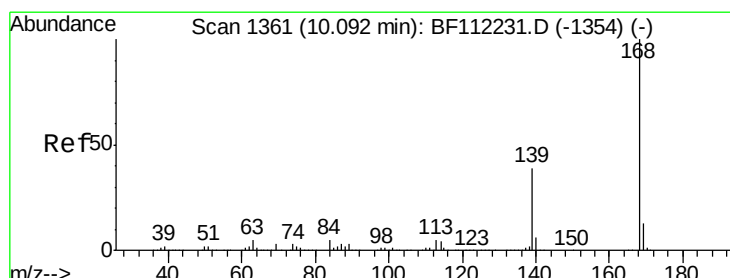
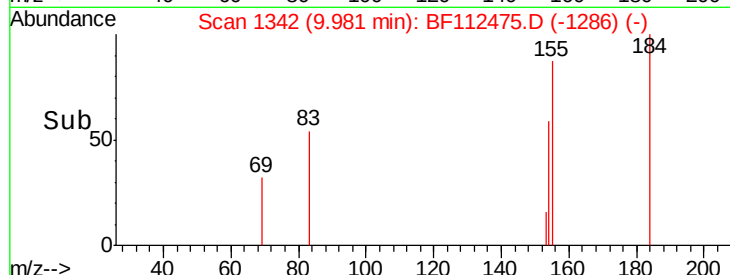
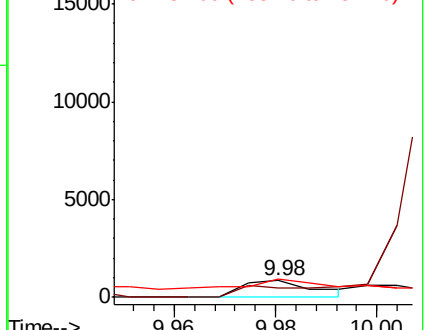
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 33.768 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.02 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

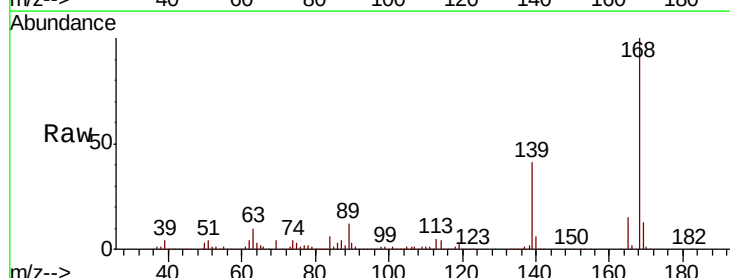
Tgt Ion:168 Resp: 668076

Ion Ratio Lower Upper

168 100

139 41.0 29.2 43.8

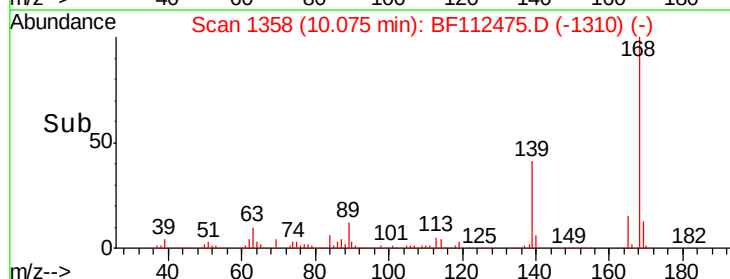
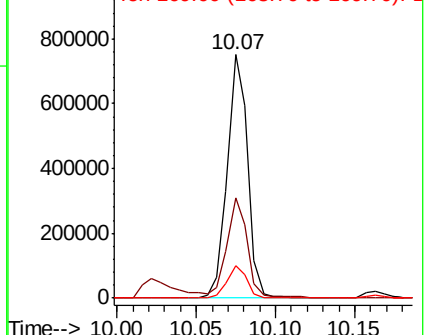
169 13.4 11.4 17.0

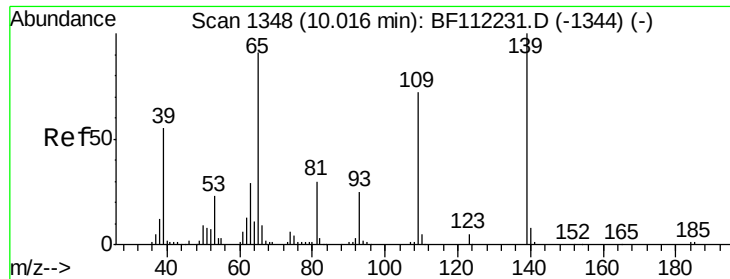


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





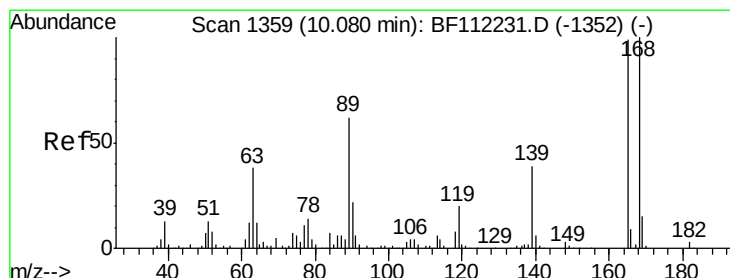
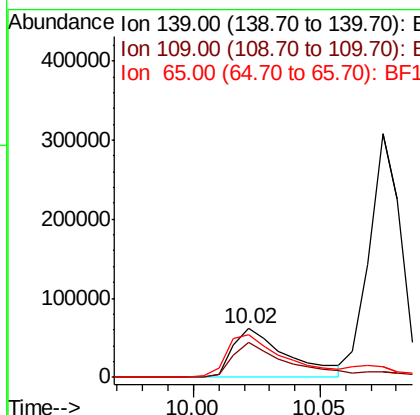
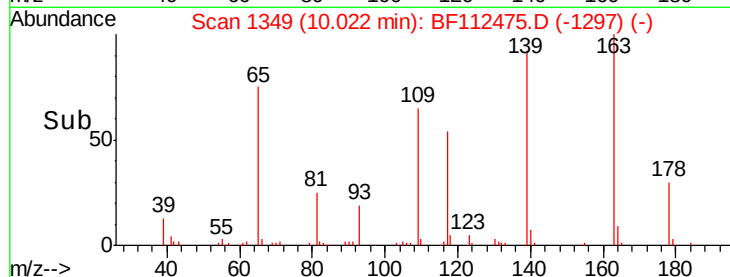
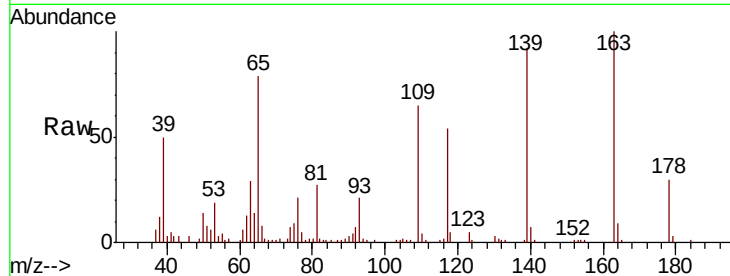
#56
4-Nitrophenol
Concen: 42.154 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	70.9	42.8	82.8
65	86.6	66.1	106.1

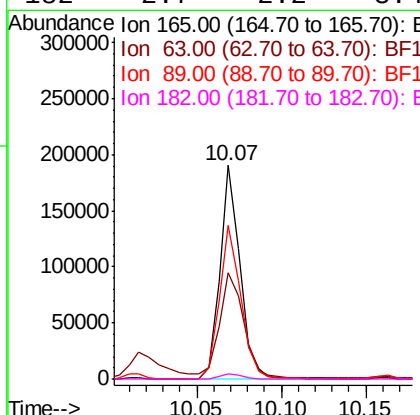
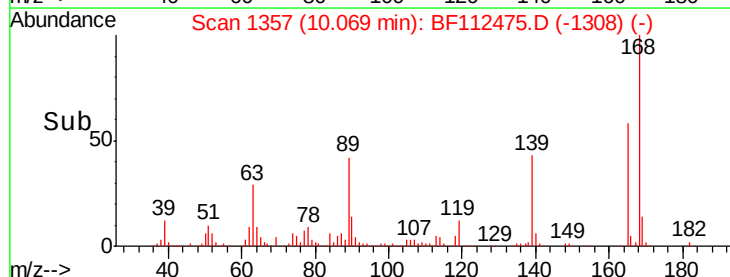
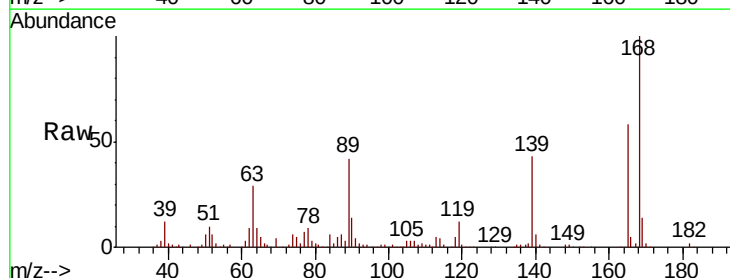
Manual Integrations
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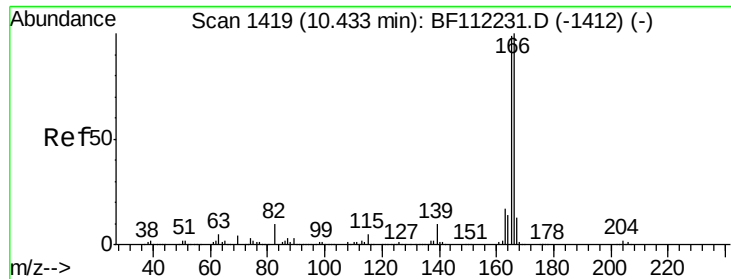
Sohil
2/11/2019 4:47:13 PM



#57
2,4-Dinitrotoluene
Concen: 32.864 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.9	27.9	41.9#
89	72.1	47.9	71.9#
182	2.7	2.2	3.4





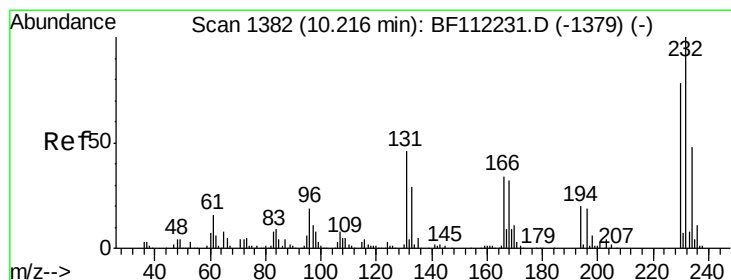
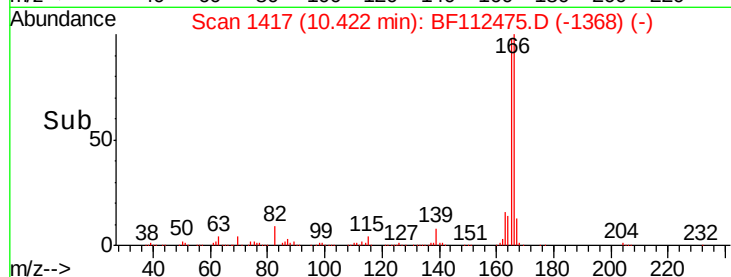
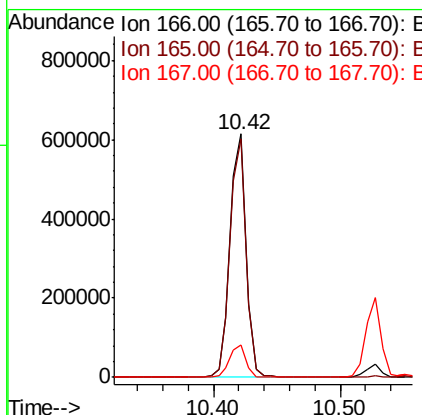
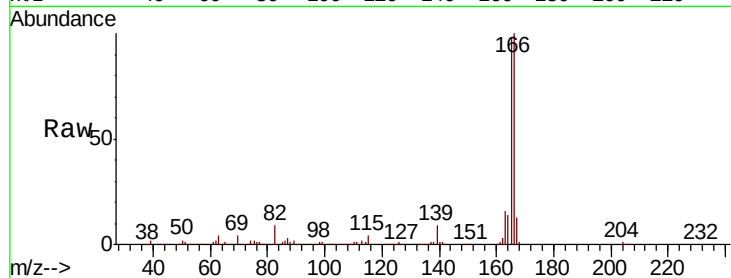
#58
 Fluorene
 Concen: 36.230 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.1	115.7
167	13.3	11.3	16.9

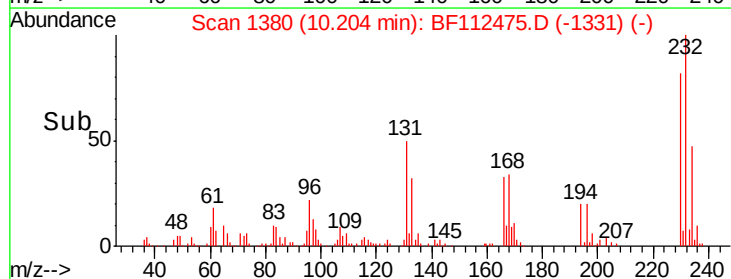
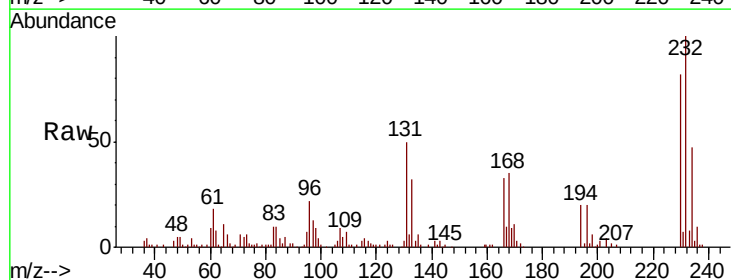
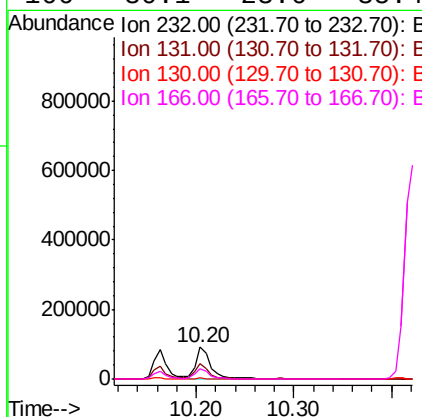
Manual Integrations
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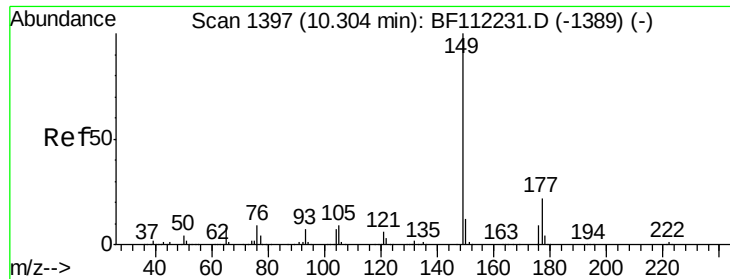
Sohil
 2/11/2019 4:47:13 PM



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 27.848 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.6	33.9	50.9
130	2.5	1.8	2.6
166	30.1	23.6	35.4





#60

Diethylphthalate

Concen: 34.022 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.02 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

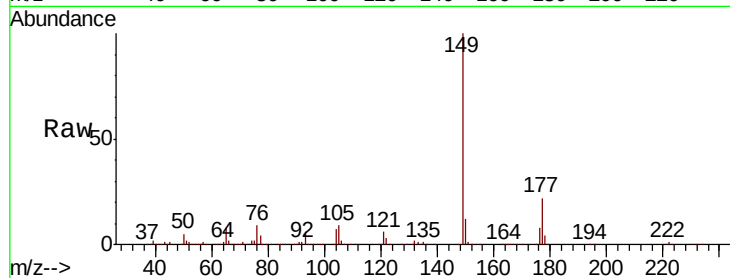
ClientSampleId :

98-SB-01-2-4MSD

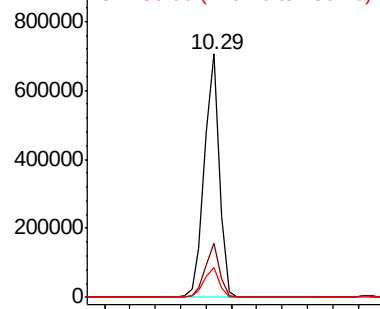
Tot Ion:	149	Resp:	572137
Ion Ratio	Lower	Upper	
149	100		
177	22.1	18.2	27.2
150	12.3	10.4	15.6

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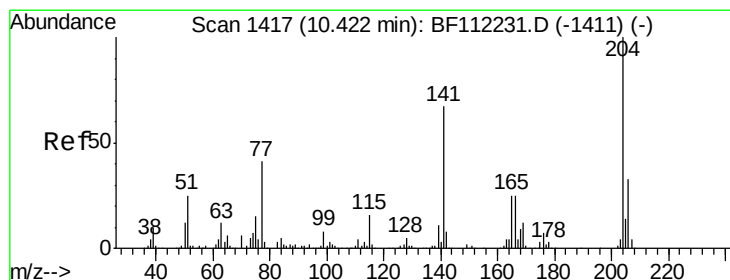
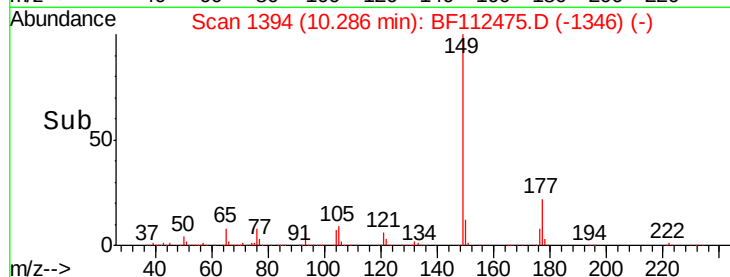
Sohil
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



Time-->



#61

4-Chlorophenyl-phenylether

Concen: 31.778 ng

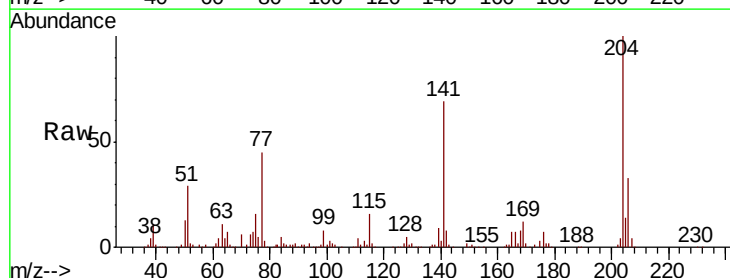
RT: 10.40 min Scan# 1414

Delta R.T. -0.02 min

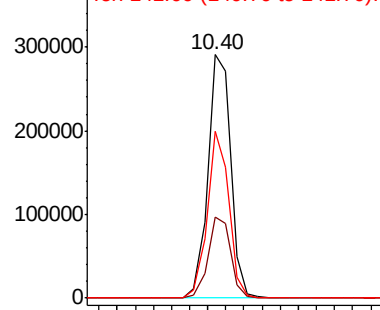
Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

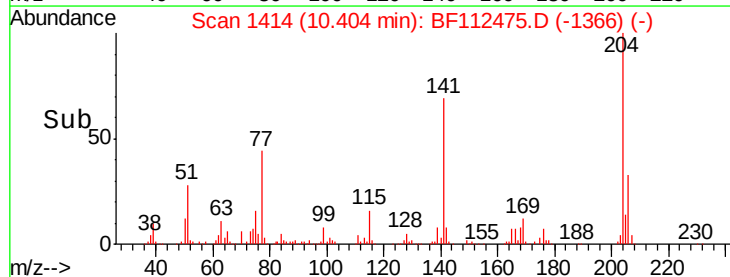
Tgt Ion:	204	Resp:	255927
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.5	39.7
141	68.6	45.9	68.9

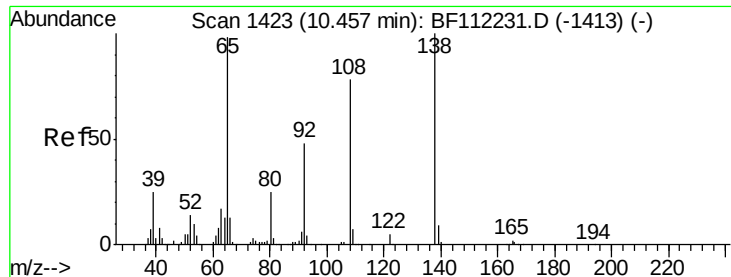


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#62

4-Nitroaniline

Concen: 29.864 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

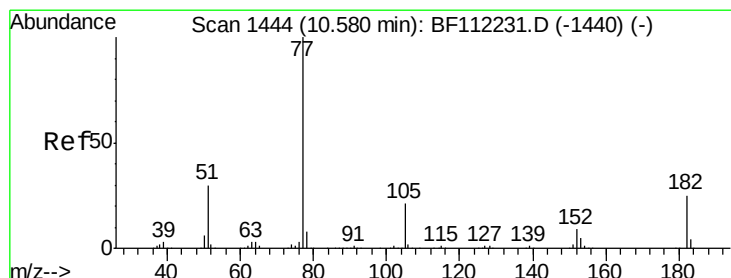
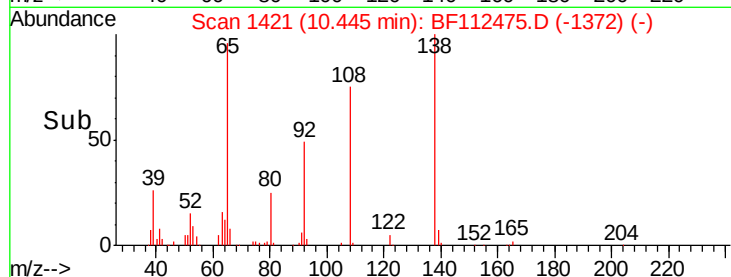
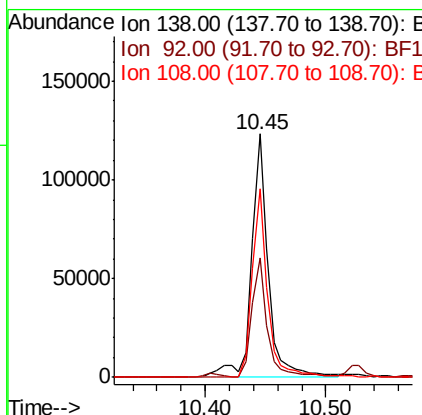
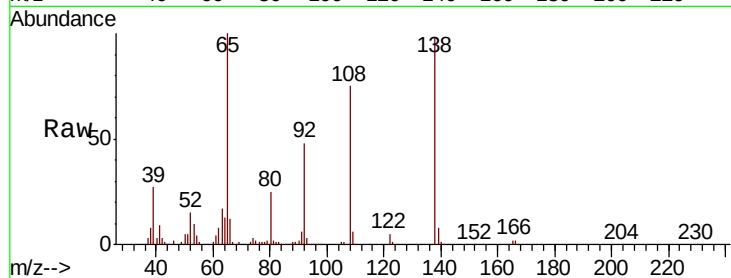
ClientSampleId :

98-SB-01-2-4MSD

Tot Ion:	138	Resp:	120438
Ion Ratio	Lower	Upper	
138	100		
92	49.2	30.6	70.6
108	77.3	50.0	90.0

Manual Integrations
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2/11/2019 4:47:13 PM



#63

Azobenzene

Concen: 32.390 ng

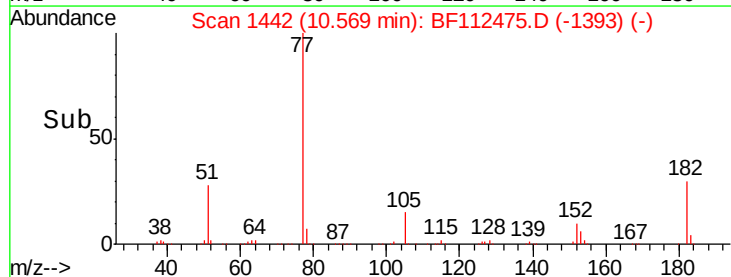
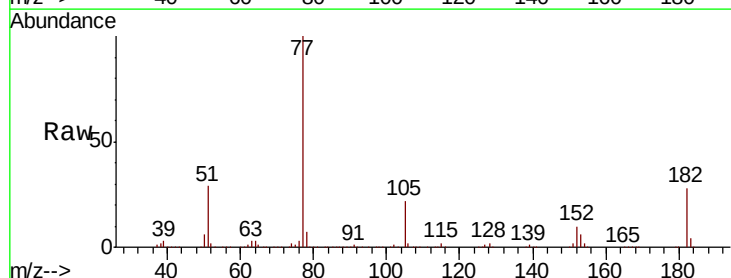
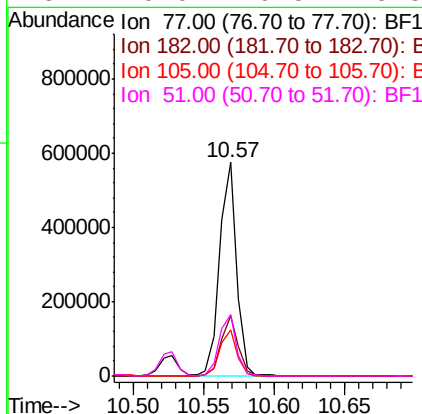
RT: 10.57 min Scan# 1442

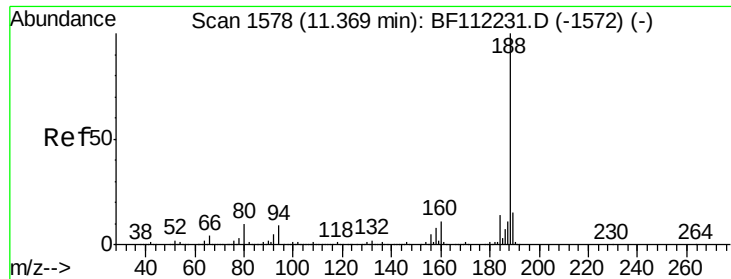
Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Tgt Ion:	77	Resp:	479047
Ion Ratio	Lower	Upper	
77	100		
182	28.3	5.7	45.7
105	21.9	1.4	41.4
51	29.0	9.5	49.5





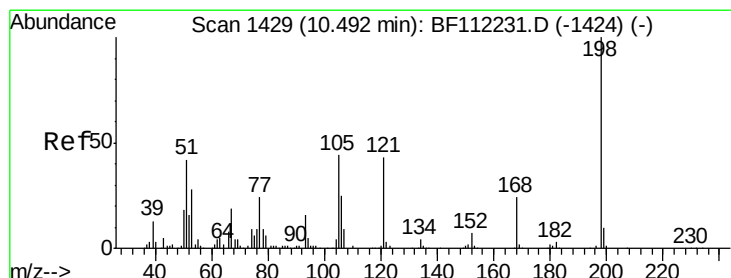
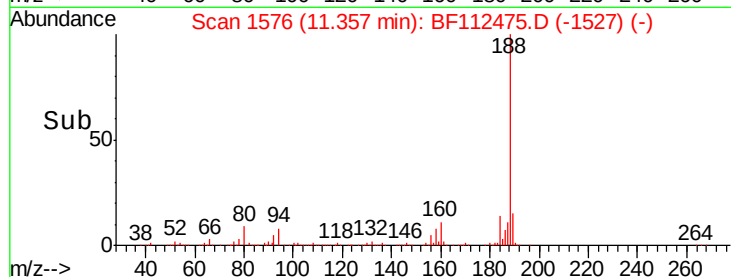
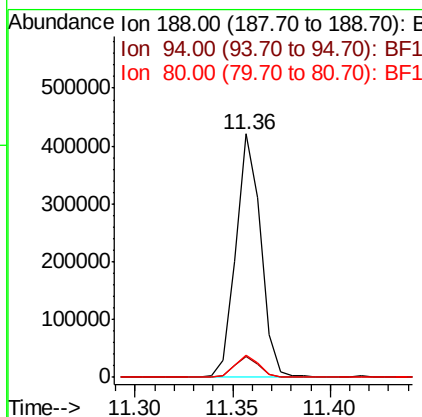
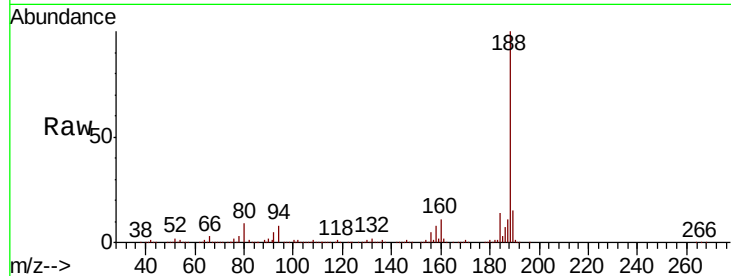
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	373229		
94	8.5		8.2	12.2
80	9.1		8.9	13.3

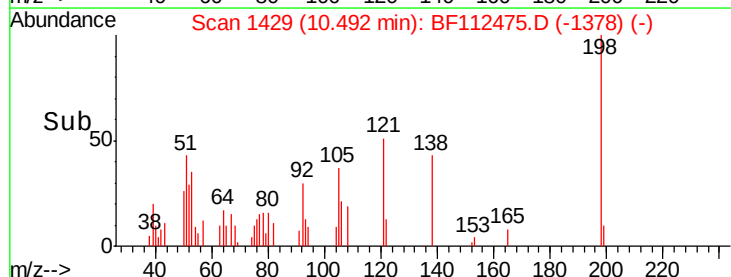
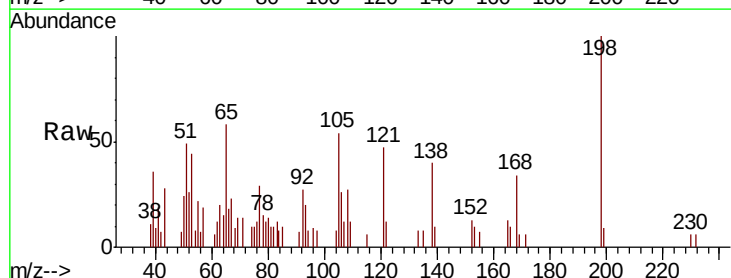
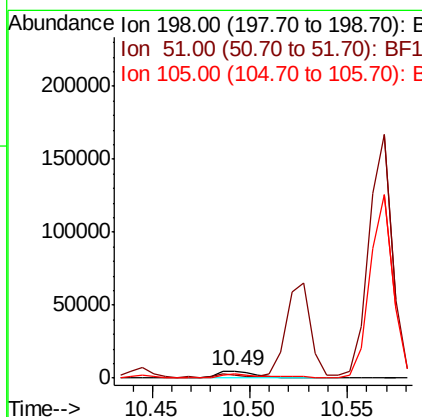
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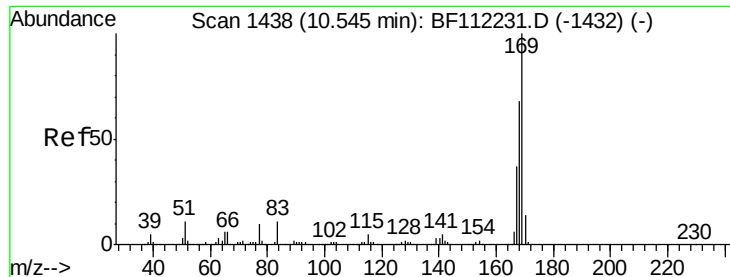
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#65
4,6-Dinitro-2-methylphenol
Concen: 3.155 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	6602		
51	49.2		17.2	57.2
105	53.6		21.9	61.9





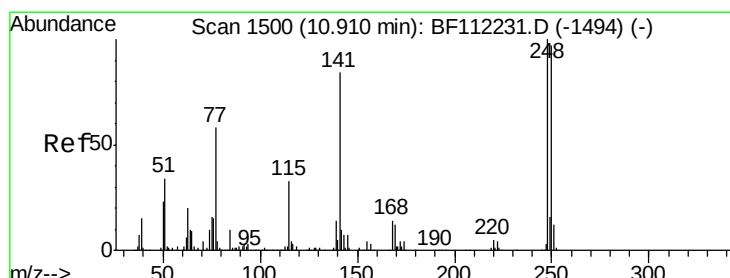
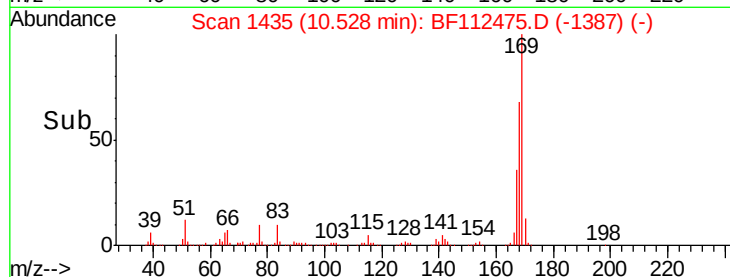
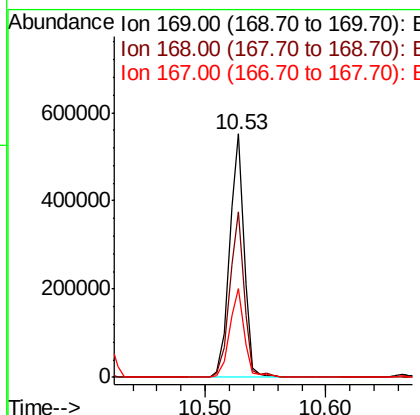
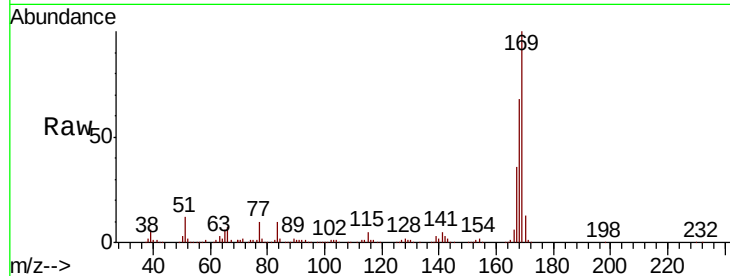
#66
 n-Nitrosodiphenylamine
 Concen: 36.646 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	460966		
168	68.1	53.9	80.9	
167	36.5	28.9	43.3	

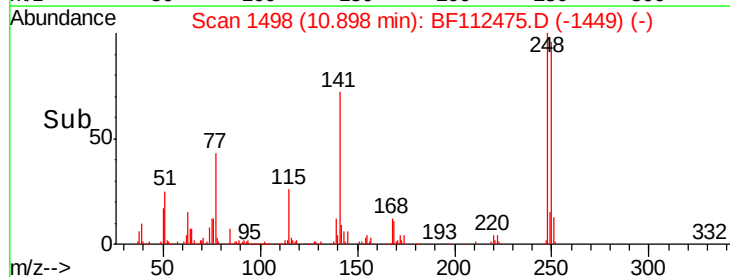
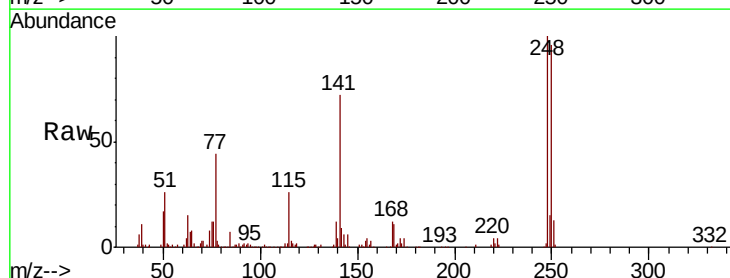
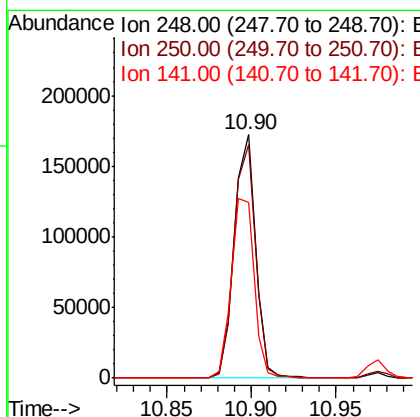
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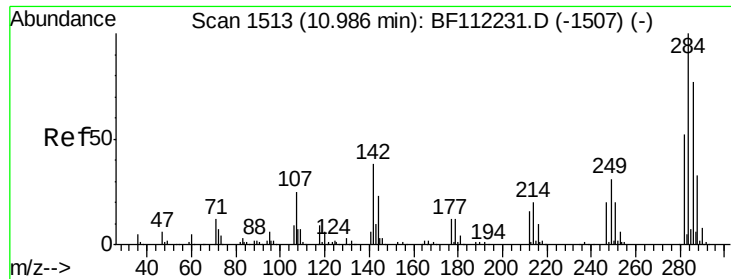
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#67
 4-Bromophenyl-phenylether
 Concen: 34.507 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	151476		
250	96.1	79.7	119.5	
141	72.3	60.3	90.5	





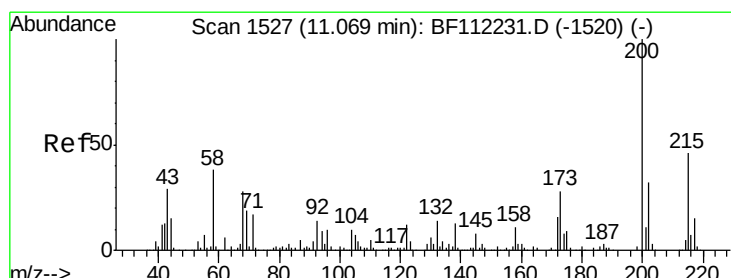
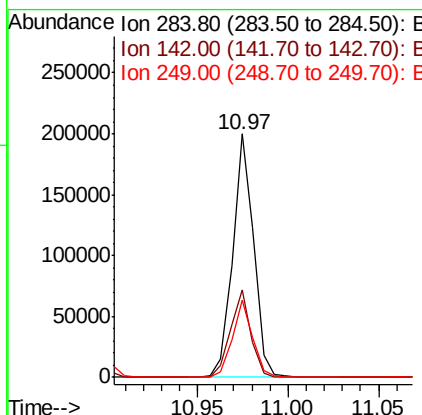
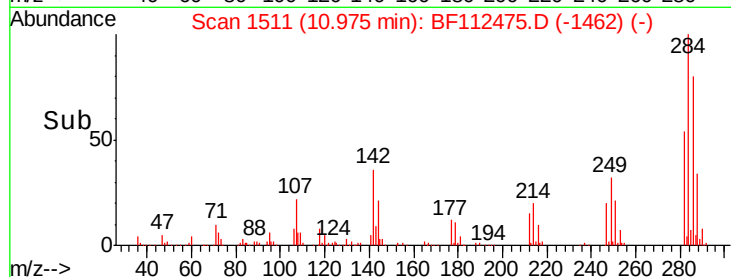
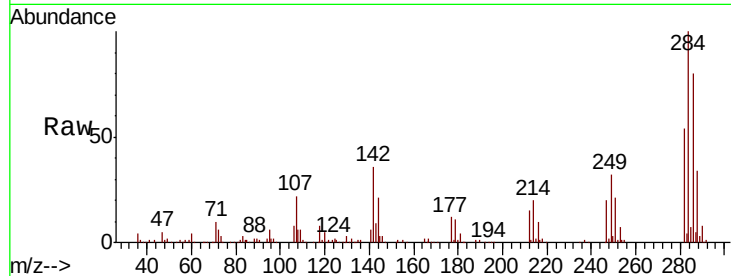
#68
Hexachlorobenzene
Concen: 34.064 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	160430		
142	36.1	27.6	41.4	
249	31.7	24.1	36.1	

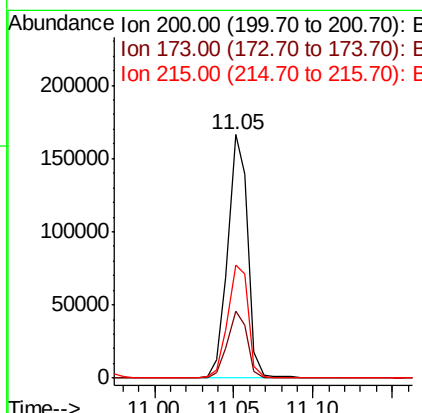
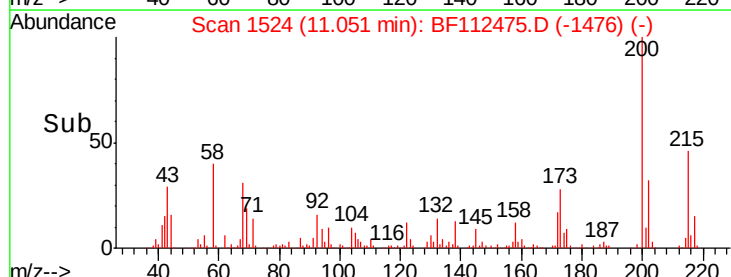
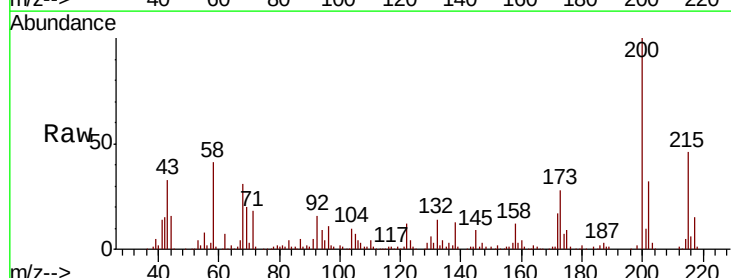
Manual Integrations
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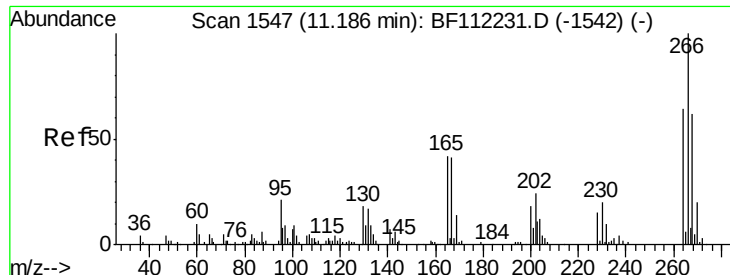
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#69
Atrazine
Concen: 35.797 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.02 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	145295		
173	27.6	7.1	47.1	
215	46.3	30.4	70.4	





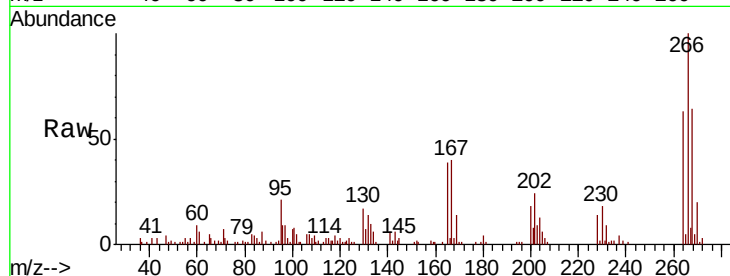
#70
 Pentachlorophenol
 Concen: 34.035 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.2	76.8
264	62.7	50.9	76.3

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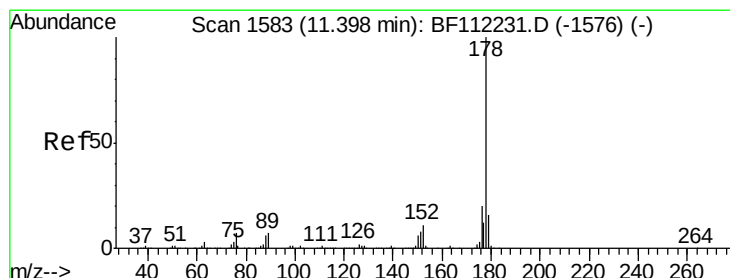
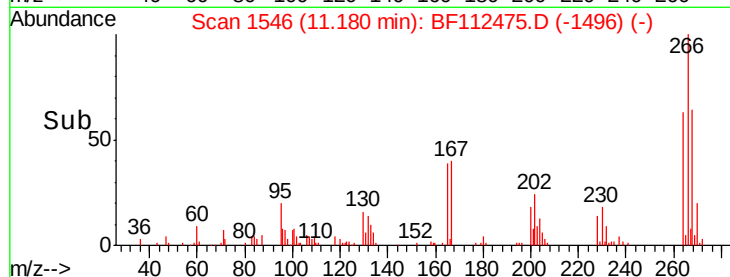
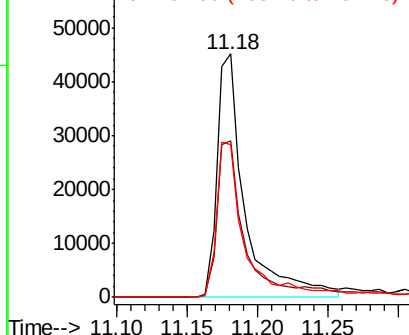


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71
 Phenanthrene
 Concen: 39.427 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.02 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

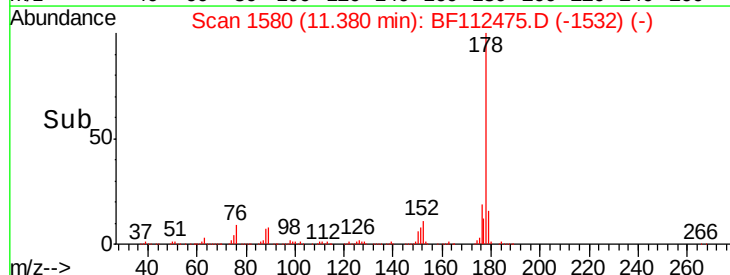
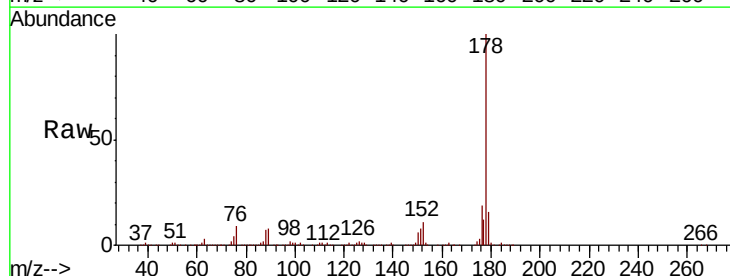
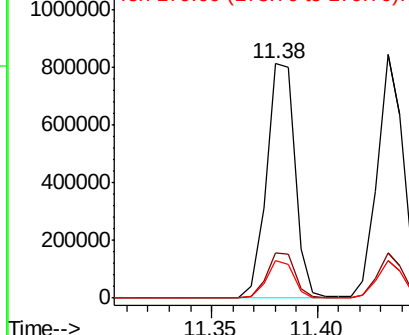
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.3	24.5
179	15.9	13.0	19.4

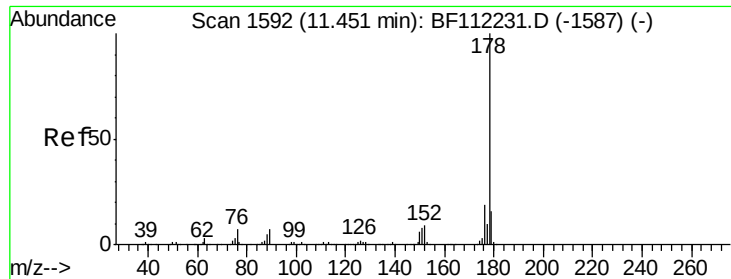
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 38.214 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

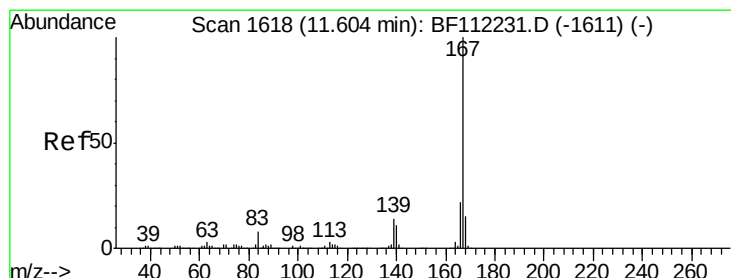
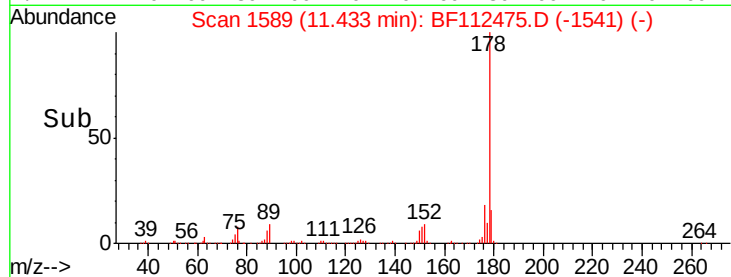
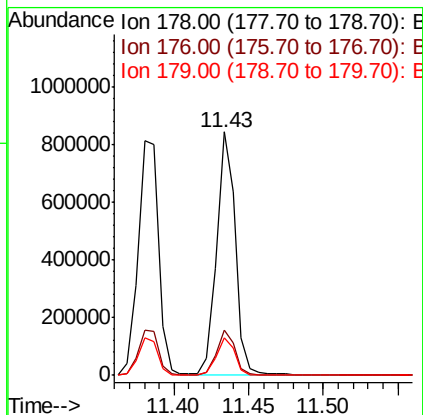
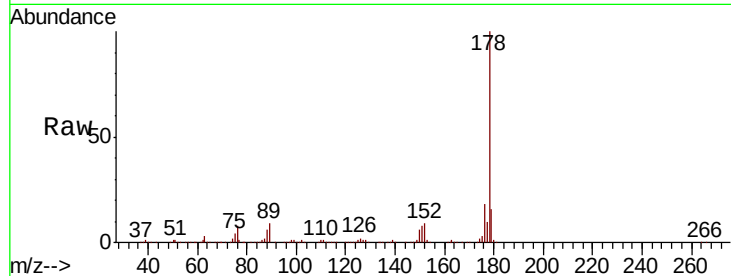
ClientSampleId :

98-SB-01-2-4MSD

Tot Ion:	178	Resp:	738628
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.5	23.3
179	15.6	12.8	19.2

Manual Integrations
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#73

Carbazole

Concen: 32.364 ng

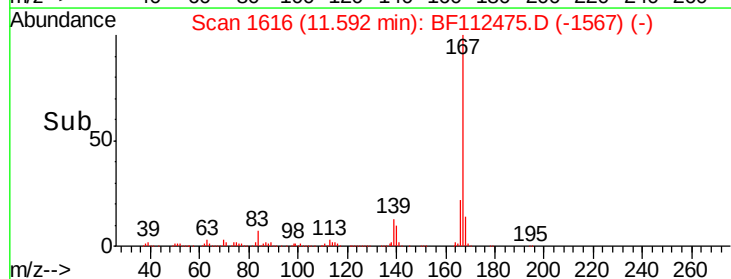
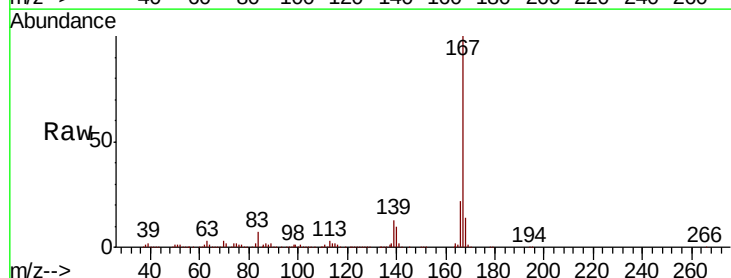
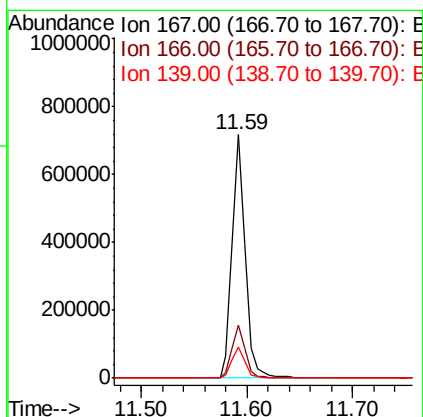
RT: 11.59 min Scan# 1616

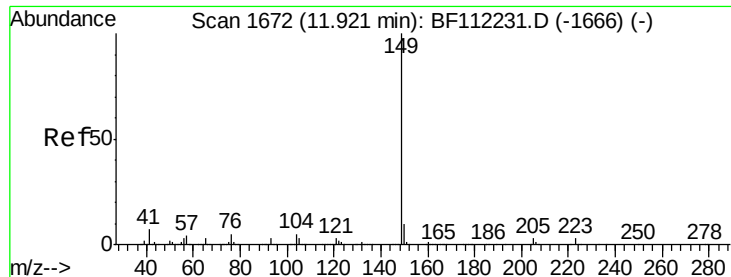
Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Tgt Ion:	167	Resp:	617054
Ion Ratio	Lower	Upper	
167	100		
166	21.7	17.9	26.9
139	13.0	10.2	15.2





#74

Di-n-butylphthalate

Concen: 35.407 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

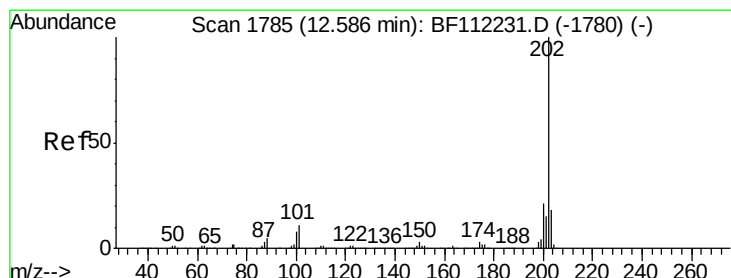
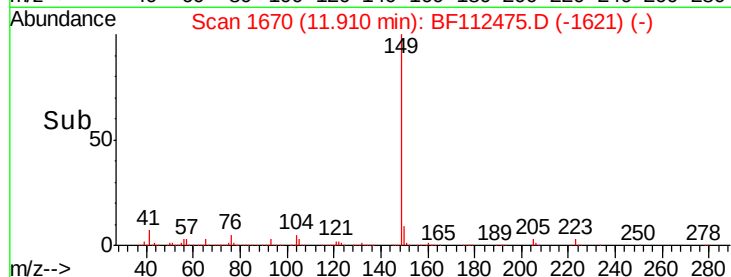
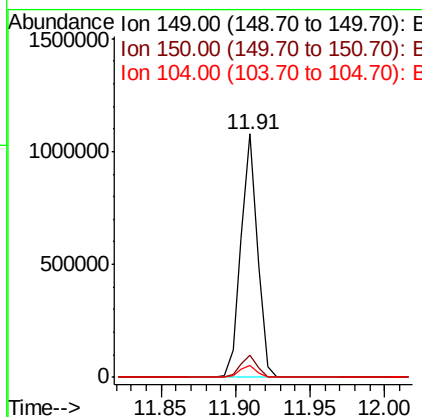
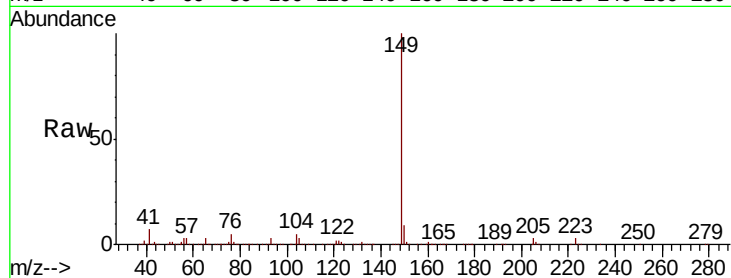
ClientSampleId :

98-SB-01-2-4MSD

Tot Ion:	149	Resp:	837933
Ion Ratio	Lower	Upper	
149	100		
150	9.0	8.1	12.1
104	4.8	3.9	5.9

Manual Integrations
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#75

Fluoranthene

Concen: 37.926 ng

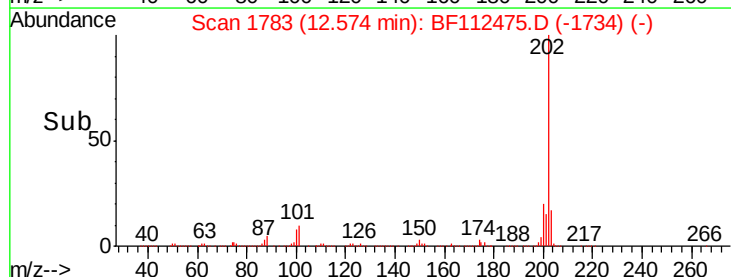
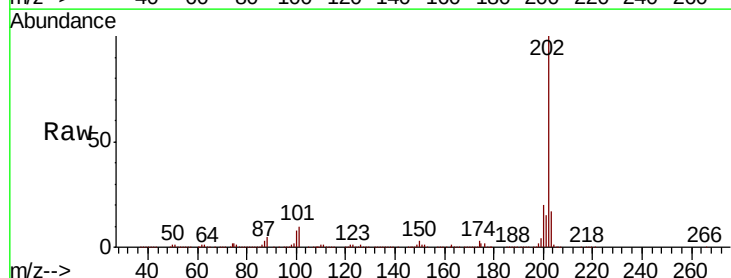
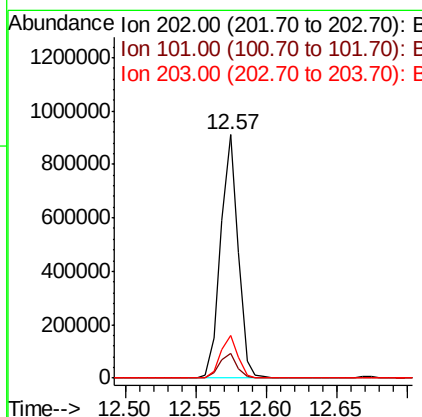
RT: 12.57 min Scan# 1783

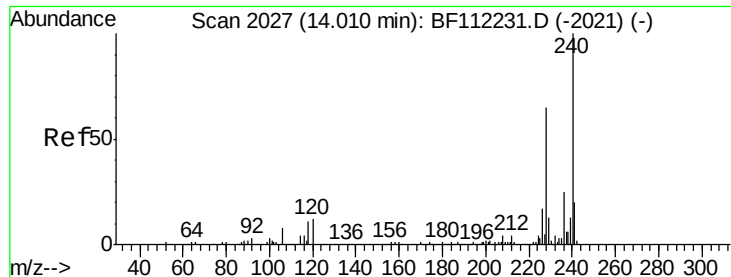
Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Tgt Ion:	202	Resp:	789292
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	31.8
203	17.5	0.0	38.4





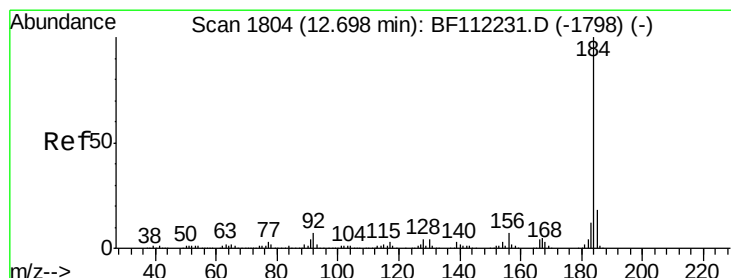
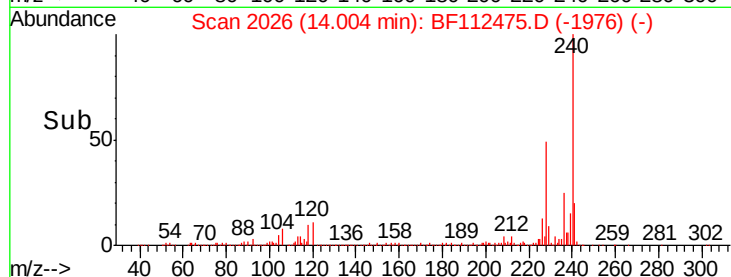
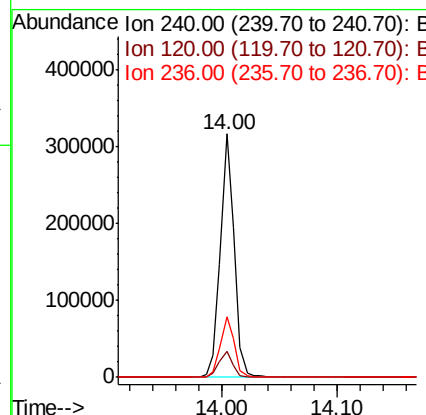
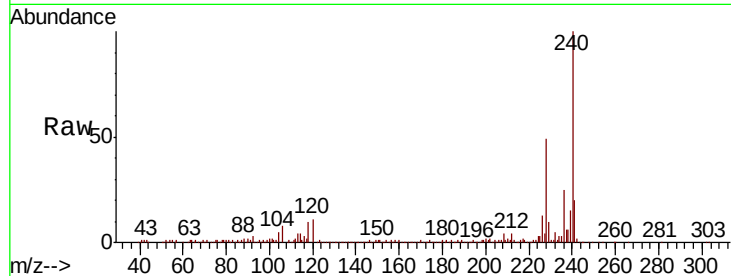
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.0	13.6
236	25.0	20.7	31.1

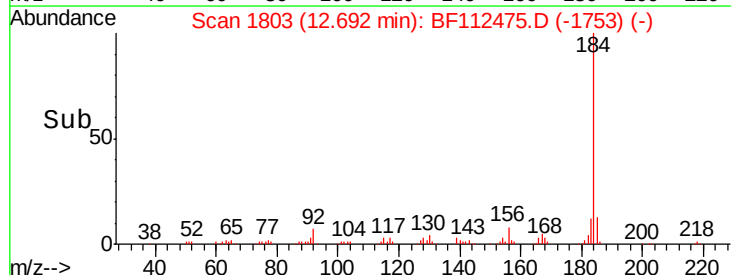
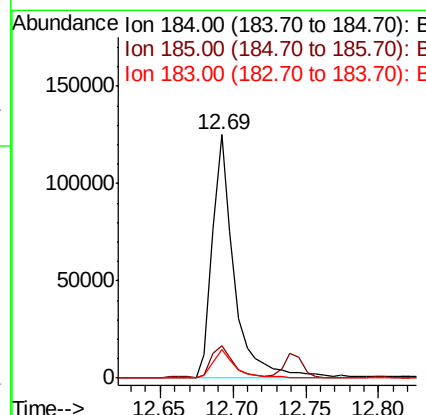
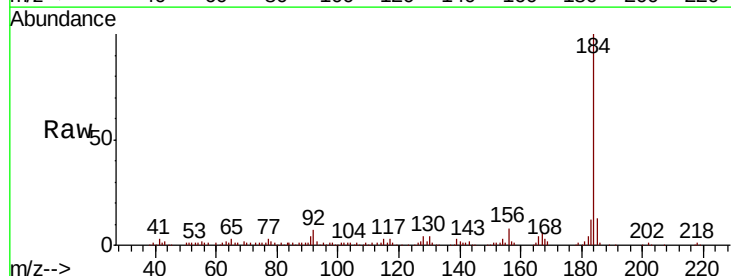
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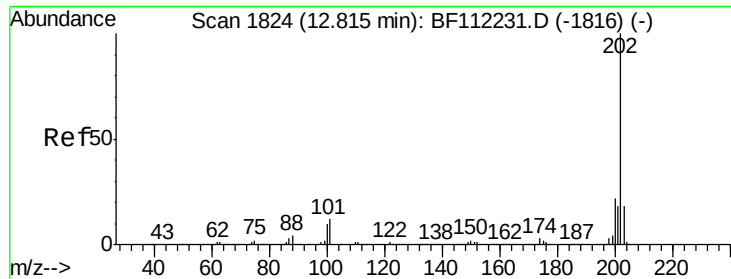
Sohil
 2/11/2019 4:47:13 PM



#77
 Benzidine
 Concen: 18.345 ng m
 RT: 12.69 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.3	13.9	20.9#
183	11.7	10.0	15.0





#78

Pvrene

Concen: 42.107 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

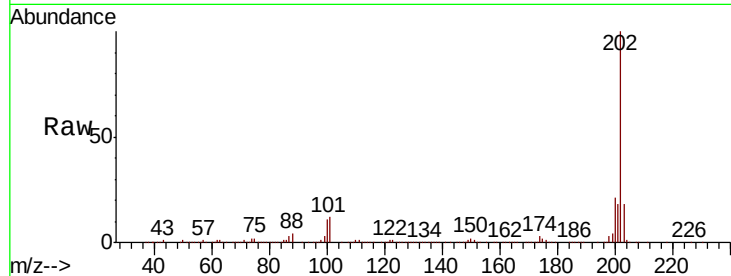
ClientSampleId :

98-SB-01-2-4MSD

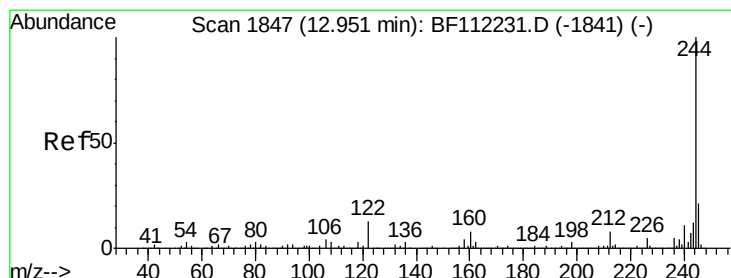
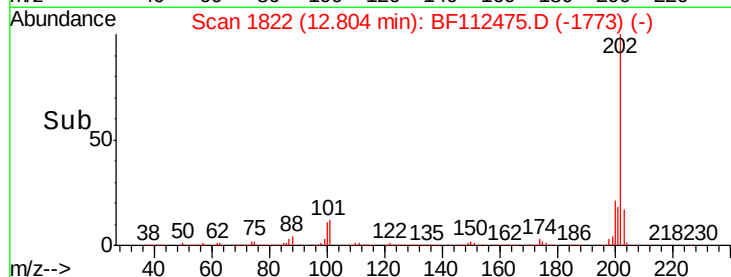
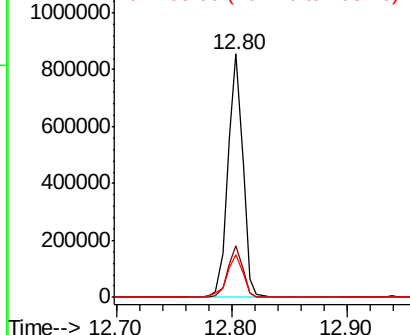
Tot Ion:	202	Resp:	763113
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.7	26.5
203	17.5	14.6	22.0

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



#79

Terphenyl-d14

Concen: 64.244 ng

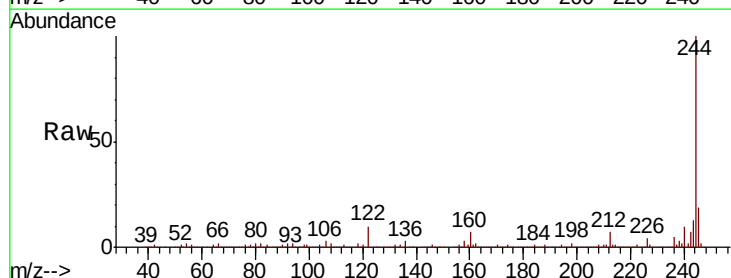
RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

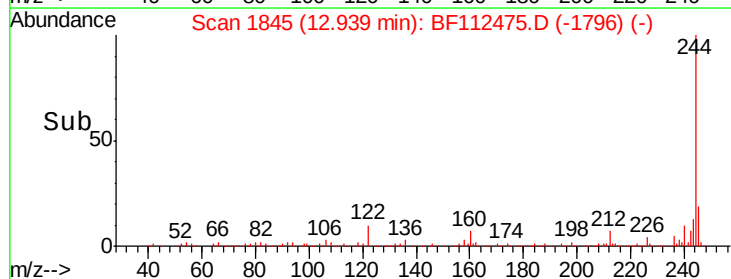
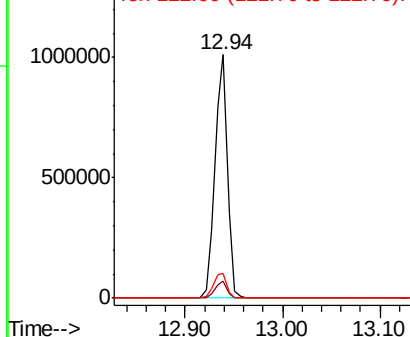
Lab File: BF112475.D

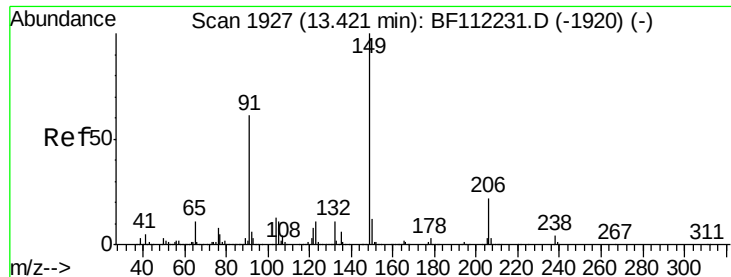
Acq: 8 Feb 2019 22:19

Tgt Ion:	244	Resp:	892881
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.9	8.9
122	10.2	9.8	14.6



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





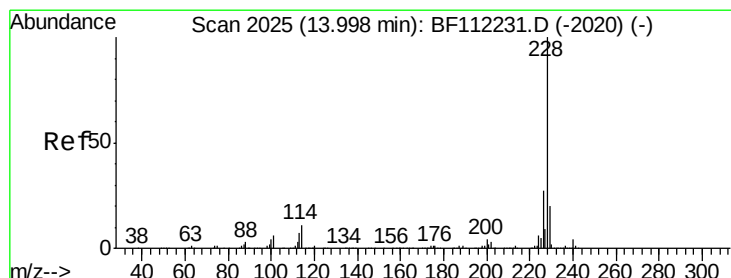
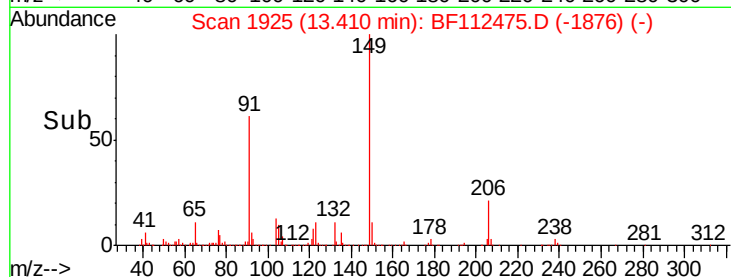
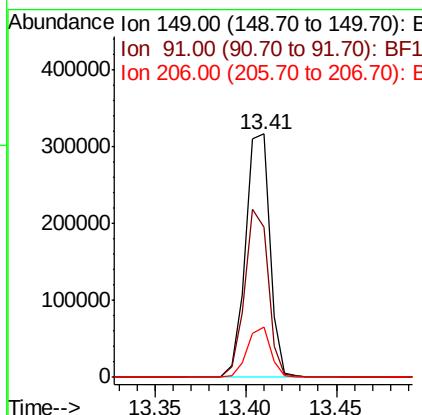
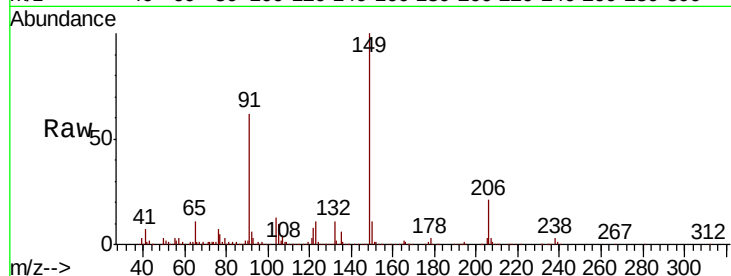
#80
Butylbenzylphthalate
Concen: 33.552 ng
RT: 13.41 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	61.6	50.3	75.5
206	20.9	18.2	27.4

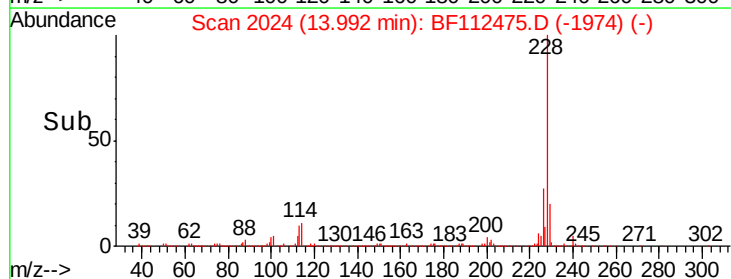
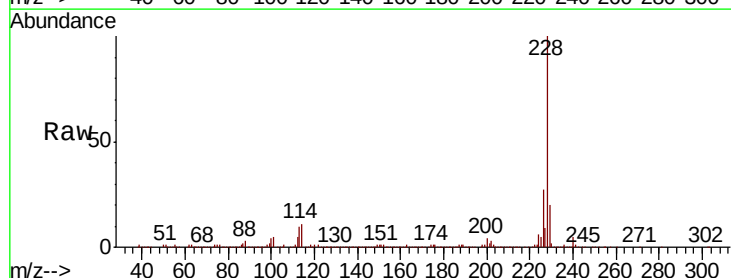
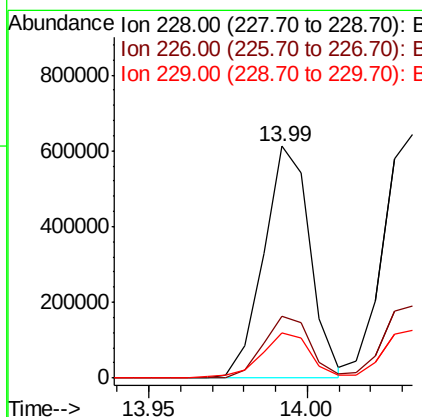
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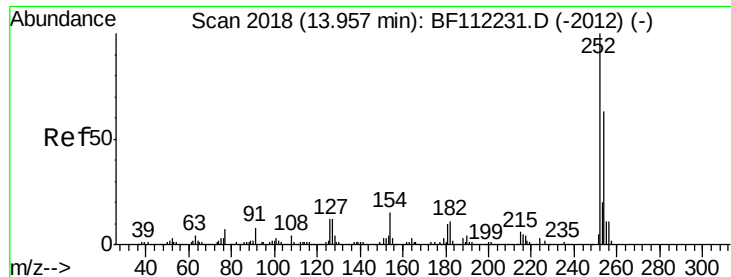
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#81
Benzo(a)anthracene
Concen: 40.312 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	34.0
229	19.8	16.5	24.7





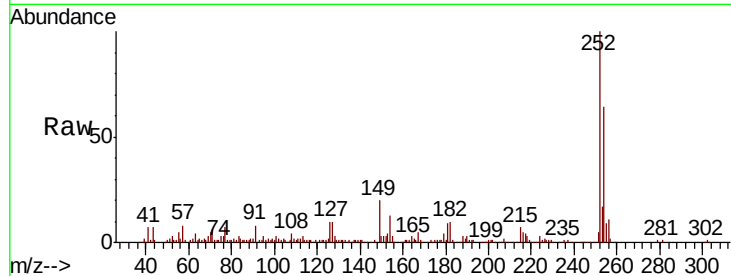
#82
 3,3'-Dichlorobenzidine
 Concen: 20.873 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	120204		
254	64.1	51.6	77.4	
126	10.3	8.6	12.8	

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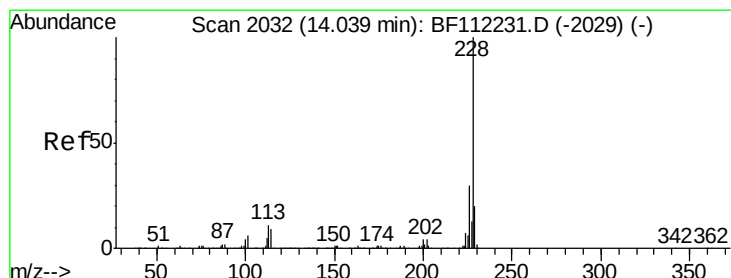
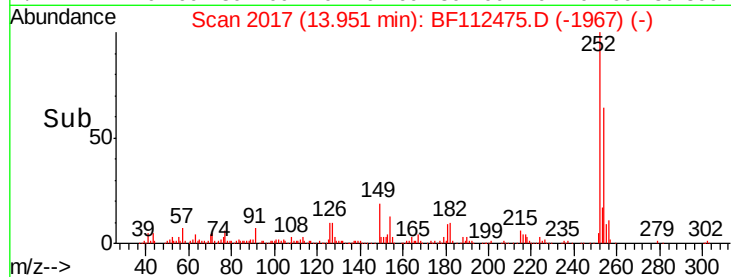
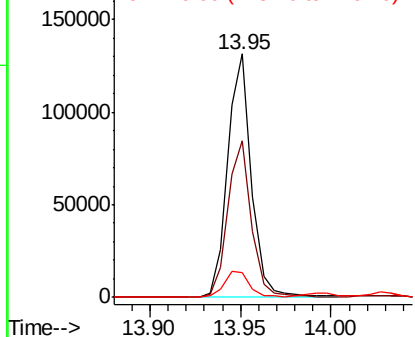


Abundance

Ion 252.00 (251.70 to 252.70): E

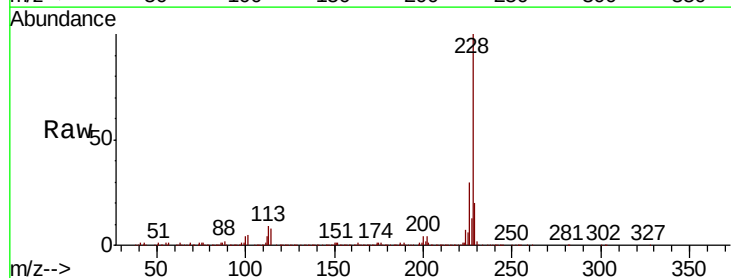
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 39.820 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	584896		
226	29.7	25.0	37.6	
229	19.5	16.6	24.8	

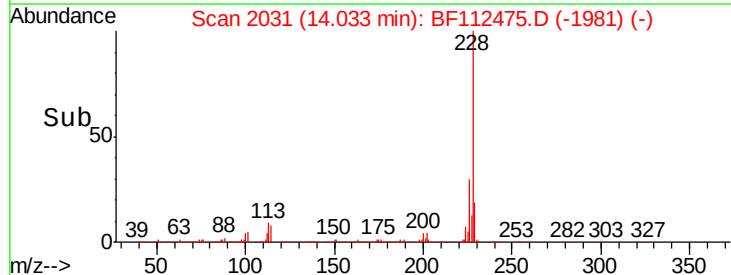
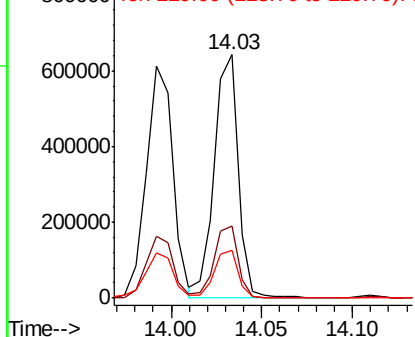


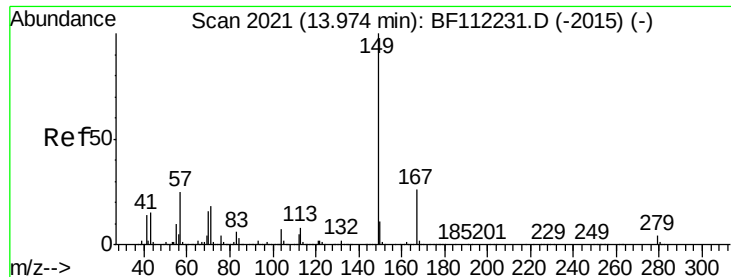
Abundance

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





#84

Bis(2-ethylhexyl)phthalate

Concen: 33.279 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

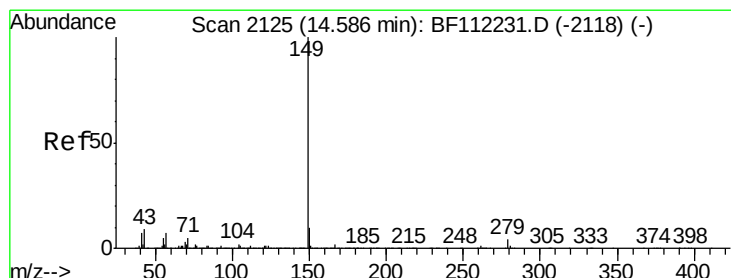
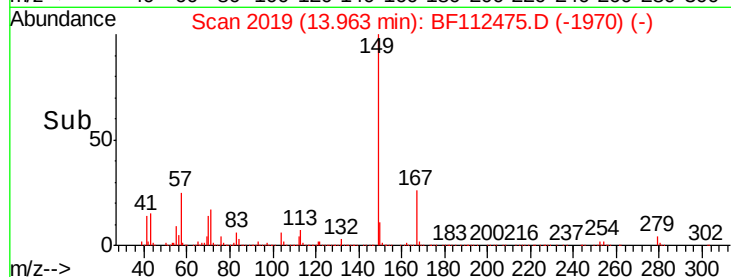
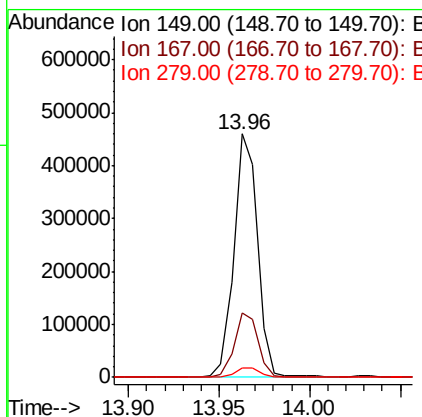
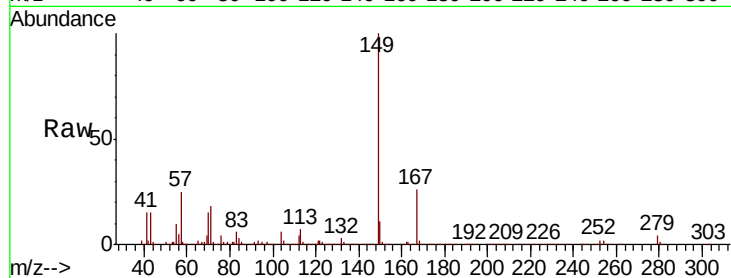
ClientSampleId :

98-SB-01-2-4MSD

Tot Ion:	149	Resp:	414199
Ion Ratio	Lower	Upper	
149	100		
167	26.5	22.5	33.7
279	3.7	3.8	5.6#

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#85

Di-n-octyl phthalate

Concen: 34.764 ng

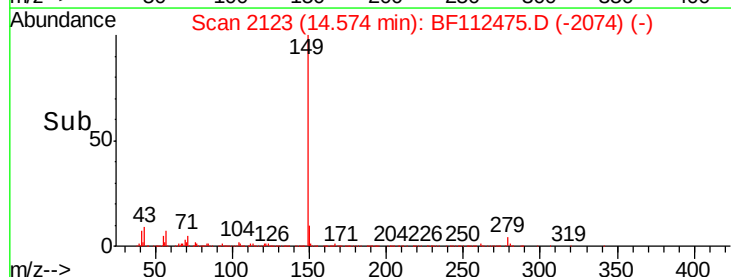
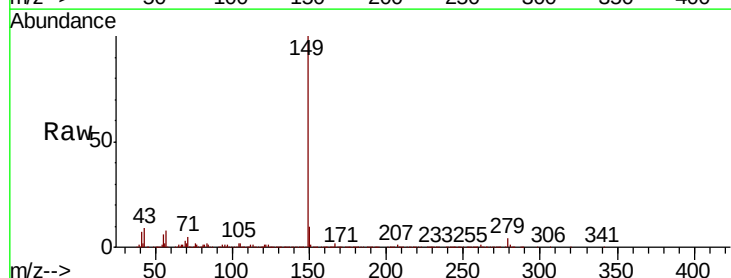
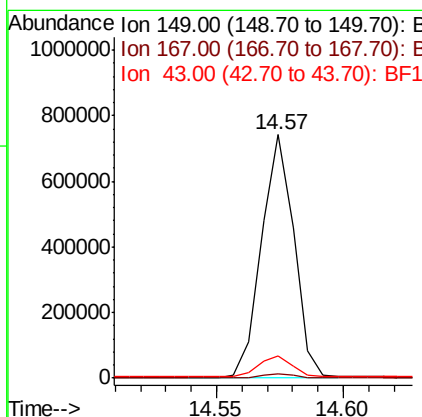
RT: 14.57 min Scan# 2123

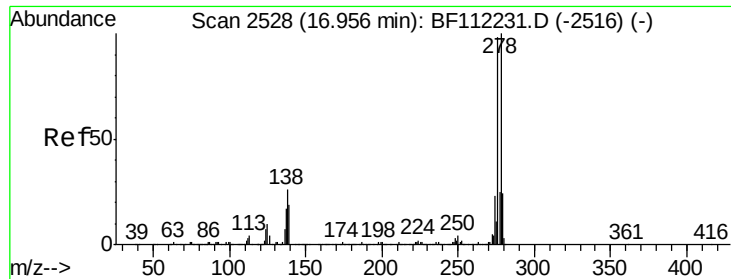
Delta R.T. -0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Tgt Ion:	149	Resp:	665699
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	8.6	7.8	11.6





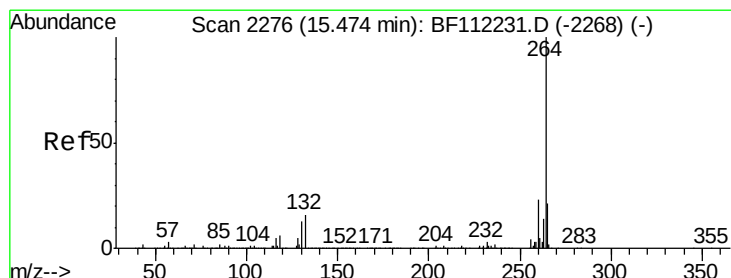
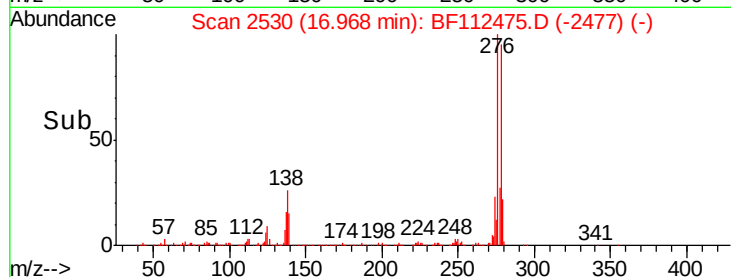
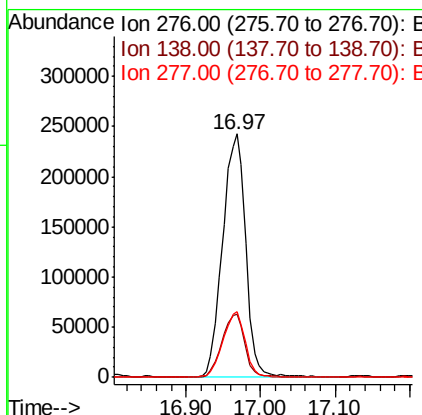
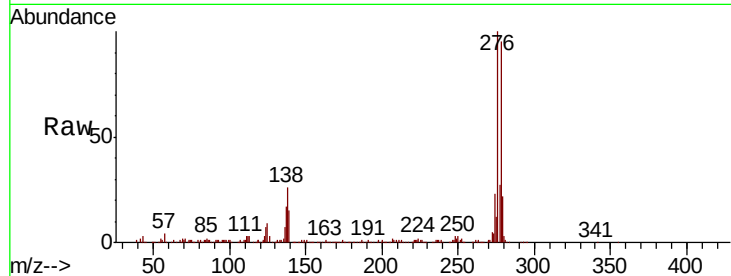
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 44.788 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. 0.01 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Instrument :
 BNA_F
 ClientSampleId :
 98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.3	22.6	34.0
277	25.8	20.3	30.5

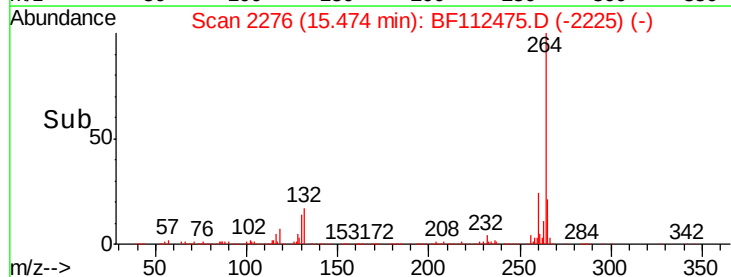
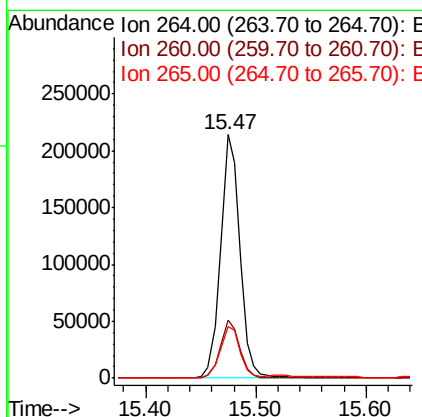
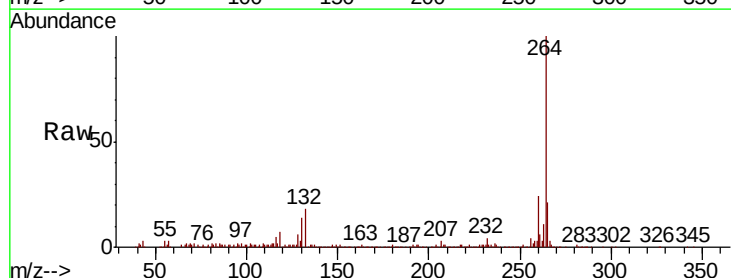
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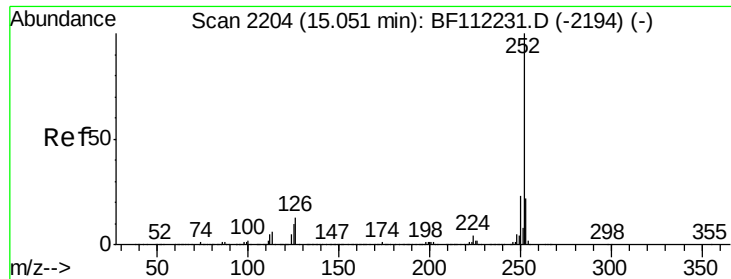
Sohil
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BF112475.D
 Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.2
265	21.4	17.0	25.4





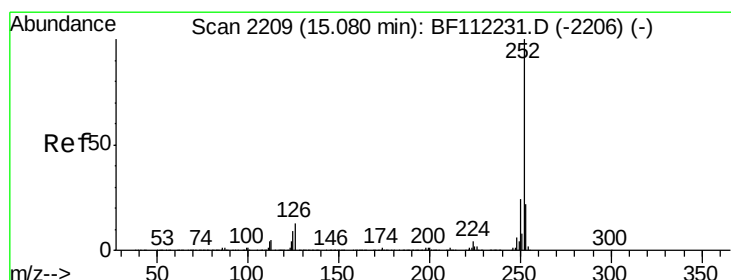
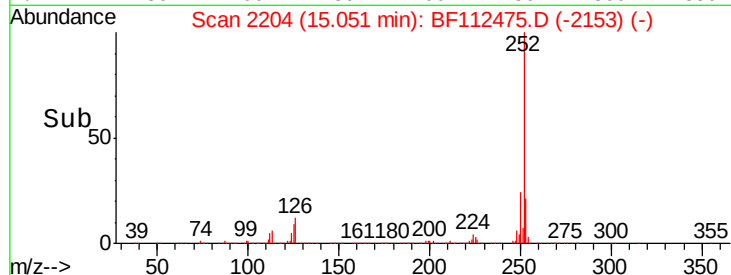
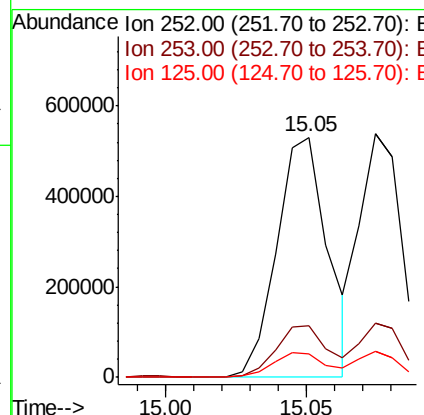
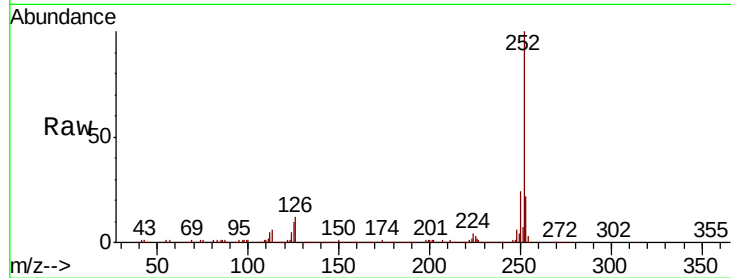
#88
Benzo(b)fluoranthene
Concen: 42.071 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Instrument :
BNA_F
ClientSampled :
98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	9.5	8.7	13.1

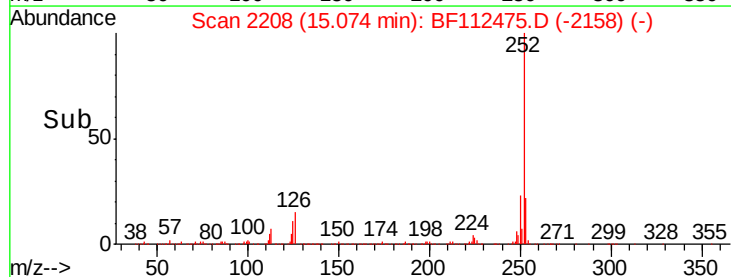
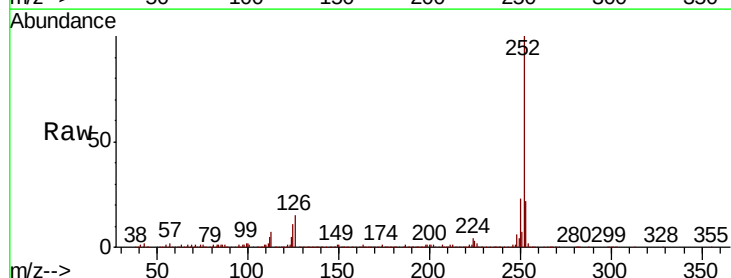
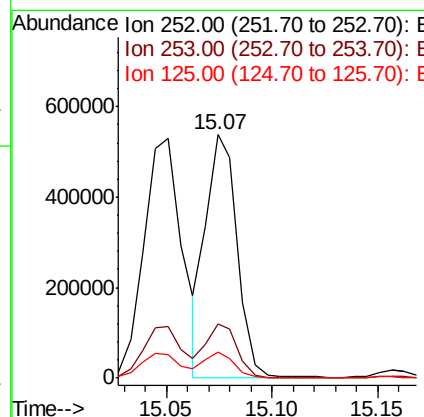
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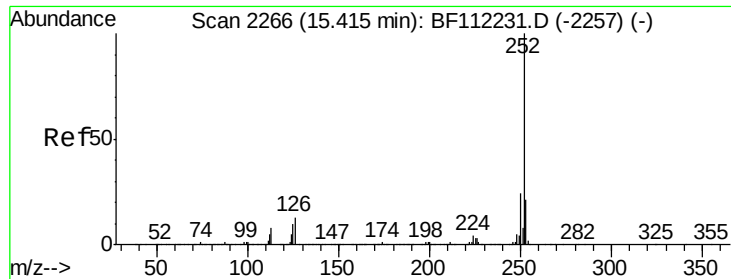
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#89
Benzo(k)fluoranthene
Concen: 36.831 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	10.9	9.1	13.7





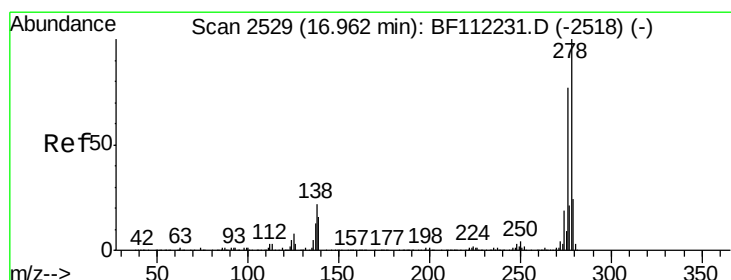
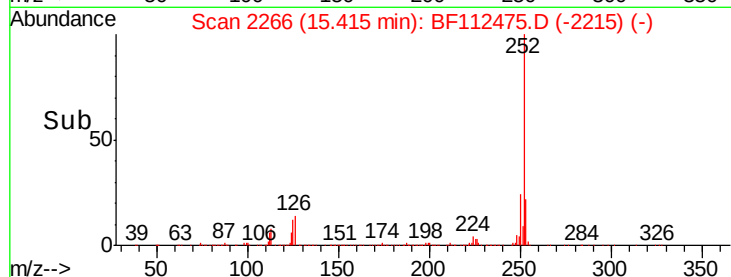
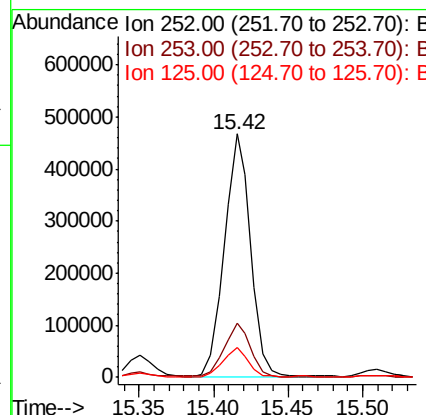
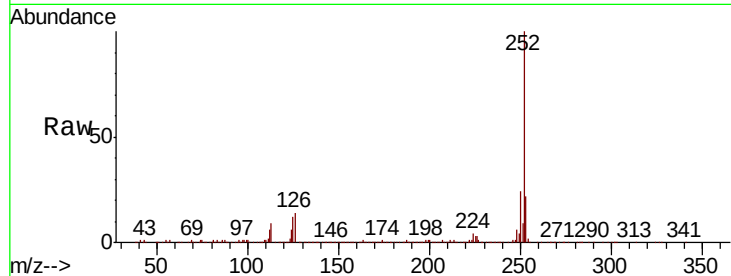
#90
Benzo(a)pyrene
Concen: 40.824 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Instrument :
BNA_F
ClientSampleId :
98-SB-01-2-4MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	12.1	9.0	13.4

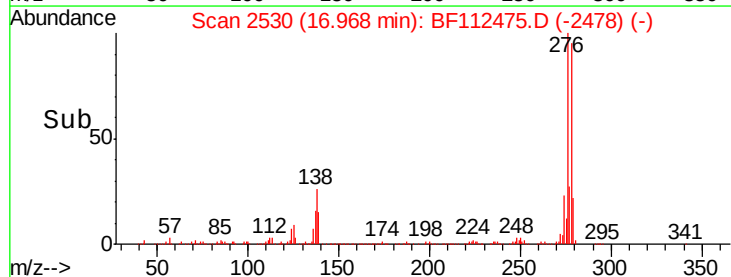
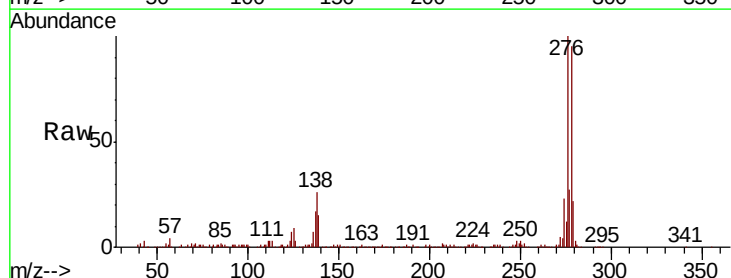
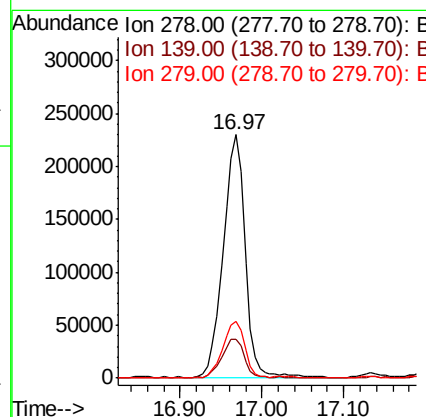
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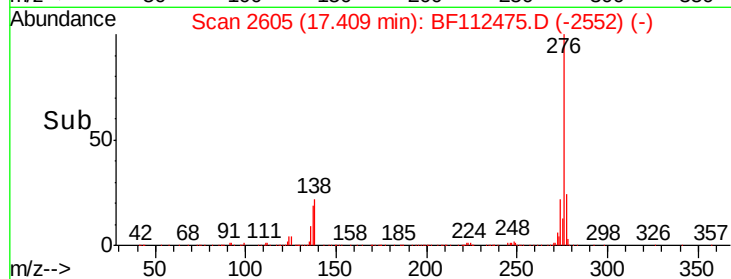
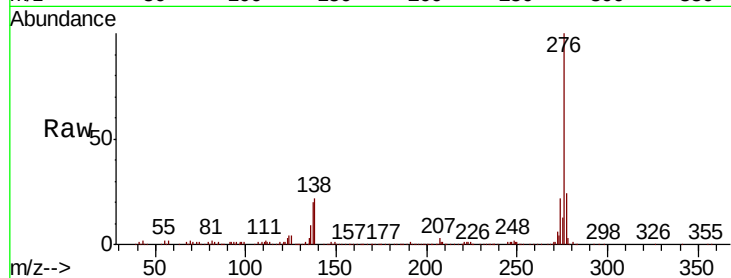
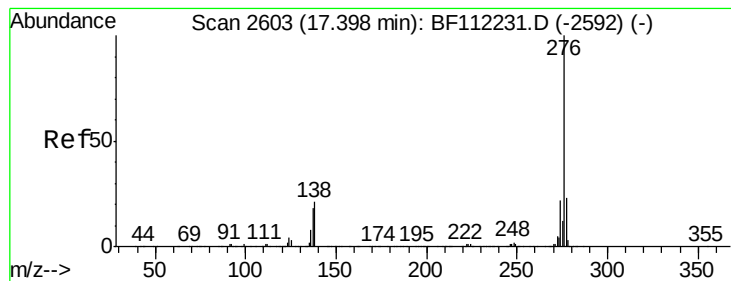
Sohil
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#91
Dibenzo(a,h)anthracene
Concen: 37.383 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF112475.D
Acq: 8 Feb 2019 22:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.7	20.5
279	23.5	19.0	28.6





#92

Benzo(a,h,i)perylene

Concen: 38.334 ng

RT: 17.41 min Scan# 2605

Delta R.T. 0.01 min

Lab File: BF112475.D

Acq: 8 Feb 2019 22:19

Instrument :

BNA_F

ClientSampleId :

98-SB-01-2-4MSD

Tot Ion:	276	Resp:	413335
Ion Ratio		Lower	Upper
276	100		
277	24.0	19.4	29.0
138	22.4	19.1	28.7

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