

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
 Data File : BF110882.D
 Acq On : 20 Nov 2018 5:17
 Operator : JU/SJ
 Sample : PB114909BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114909BS

Manual Integrations
 APPROVED

Sohil
 11/20/2018 11:07:55 AM

Quant Time: Nov 20 06:32:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	55605	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	230237	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	98185	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	156279	20.00	ng	0.00
76) Chrysene-d12	14.13	240	126712	20.00	ng	0.00
87) Perylene-d12	15.66	264	80992	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	331727	96.90	ng	0.00
7) Phenol-d6	6.57	99	402324	91.91	ng	0.00
23) Nitrobenzene-d5	7.51	82	366151	91.59	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	80344	81.21	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	693773	100.91	ng	0.00
79) Terphenyl-d14	13.06	244	491147	72.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	50660	29.701	ng	90
3) Pyridine	3.60	79	137138	37.249	ng	# 84
4) n-Nitrosodimethylamine	3.56	42	75943	48.074	ng	87
6) Aniline	6.61	93	74419	13.036	ng	# 57
8) 2-Chlorophenol	6.73	128	175065	43.624	ng	99
9) Benzaldehyde	6.50	77	76032	30.338	ng	99
10) Phenol	6.59	94	207638	40.906	ng	# 64
11) bis(2-Chloroethyl)ether	6.67	93	158435	41.649	ng	95
12) 1,3-Dichlorobenzene	6.88	146	178588	40.672	ng	99
13) 1,4-Dichlorobenzene	6.96	146	186040	41.724	ng	99
14) 1,2-Dichlorobenzene	7.11	146	172971	41.701	ng	99
15) Benzyl Alcohol	7.09	79	146525	42.772	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.21	45	245105	41.029	ng	74
17) 2-Methylphenol	7.19	107	137162	42.946	ng	# 83
18) Hexachloroethane	7.45	117	57370	34.852	ng	93
19) n-Nitroso-di-n-propylamine	7.35	70	117095	41.905	ng	96
20) 3+4-Methylphenols	7.19	107	137183	33.460	ng	77
22) Acetophenone	7.35	105	236124	44.005	ng	# 92
24) Nitrobenzene	7.53	77	178230	43.512	ng	98
25) Isophorone	7.76	82	312704	47.722	ng	96
26) 2-Nitrophenol	7.85	139	81295	39.783	ng	91
27) 2,4-Dimethylphenol	7.87	122	153753	49.405	ng	97
28) bis(2-Chloroethoxy)methane	7.96	93	195925	44.161	ng	99
29) 2,4-Dichlorophenol	8.09	162	139284	43.496	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	152097	42.127	ng	95
31) Naphthalene	8.25	128	492396	45.557	ng	100
32) Benzoic acid	8.00	122	63754	28.954	ng	96
33) 4-Chloroaniline	8.30	127	36305	7.416	ng	99
34) Hexachlorobutadiene	8.35	225	84020	40.743	ng	98
35) Caprolactam	8.67	113	43586	40.740	ng	91
36) 4-Chloro-3-methylphenol	8.78	107	148790	43.083	ng	97
37) 2-Methylnaphthalene	8.94	142	330136	46.594	ng	98
38) 1-Methylnaphthalene	9.04	142	303540	44.546	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	139373	44.844	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	982	8.356	nq	86
43) 2,4,6-Trichlorophenol	9.22	196	89020	45.581	nq	97
44) 2,4,5-Trichlorophenol	9.27	196	91333	43.841	nq	96
46) 1,1'-Biphenyl	9.40	154	392721	42.877	nq	99
47) 2-Chloronaphthalene	9.43	162	293317	44.451	nq	99
48) 2-Nitroaniline	9.53	65	93392	45.928	nq	96
49) Acenaphthylene	9.85	152	445112	46.839	nq	99
50) Dimethylphthalate	9.70	163	347890	47.485	nq	99
51) 2,6-Dinitrotoluene	9.77	165	68858	42.725	nq	89
52) Acenaphthene	10.02	154	263747	43.917	nq	98
53) 3-Nitroaniline	9.95	138	41114	22.020	nq	93
54) 2,4-Dinitrophenol	10.07	184	3777	10.239	nq	89
55) Dibenzofuran	10.19	168	378221	43.046	nq	97
56) 4-Nitrophenol	10.11	139	83433	67.354	nq	95
57) 2,4-Dinitrotoluene	10.19	165	81750	39.012	nq	95
58) Fluorene	10.53	166	301493	44.673	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	67349	41.095	nq	# 90
60) Diethylphthalate	10.39	149	341321	47.091	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	148655	42.541	nq	98
62) 4-Nitroaniline	10.56	138	59273	31.525	nq	97
63) Azobenzene	10.68	77	294466	41.641	nq	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	4403	5.590	nq	82
66) n-Nitrosodiphenylamine	10.64	169	260045	49.366	nq	96
67) 4-Bromophenyl-phenylether	11.01	248	80559	46.642	nq	# 88
68) Hexachlorobenzene	11.09	284	80939	44.448	nq	# 91
69) Atrazine	11.16	200	83755	52.001	nq	98
70) Pentachlorophenol	11.29	266	63567	65.421	nq	97
71) Phenanthrene	11.50	178	393218	46.965	nq	100
72) Anthracene	11.56	178	405787	48.045	nq	99
73) Carbazole	11.72	167	352945	43.513	nq	99
74) Di-n-butylphthalate	12.02	149	472426	49.667	nq	99
75) Fluoranthene	12.70	202	394318	46.975	nq	99
77) Benzidine	12.82	184	248933	71.438	nq	97
78) Pyrene	12.93	202	409534	41.975	nq	98
80) Butylbenzylphthalate	13.53	149	188235	44.825	nq	96
81) Benzo(a)anthracene	14.12	228	354757	46.841	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	115483	45.517	nq	97
83) Chrysene	14.16	228	335230	46.460	nq	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	253396	48.642	nq	97
85) Di-n-octyl phthalate	14.69	149	450004	58.743	nq	98
86) Indeno(1,2,3-cd)pyrene	17.25	276	219932	42.476	nq	98
88) Benzo(b)fluoranthene	15.21	252	249025	51.396	nq	98
89) Benzo(k)fluoranthene	15.23	252	238466m	49.809	nq	
90) Benzo(a)pyrene	15.60	252	221199	50.247	nq	98
91) Dibenzo(a,h)anthracene	17.25	278	183420	49.235	nq	99
92) Benzo(g,h,i)perylene	17.73	276	176561	47.768	nq	99

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

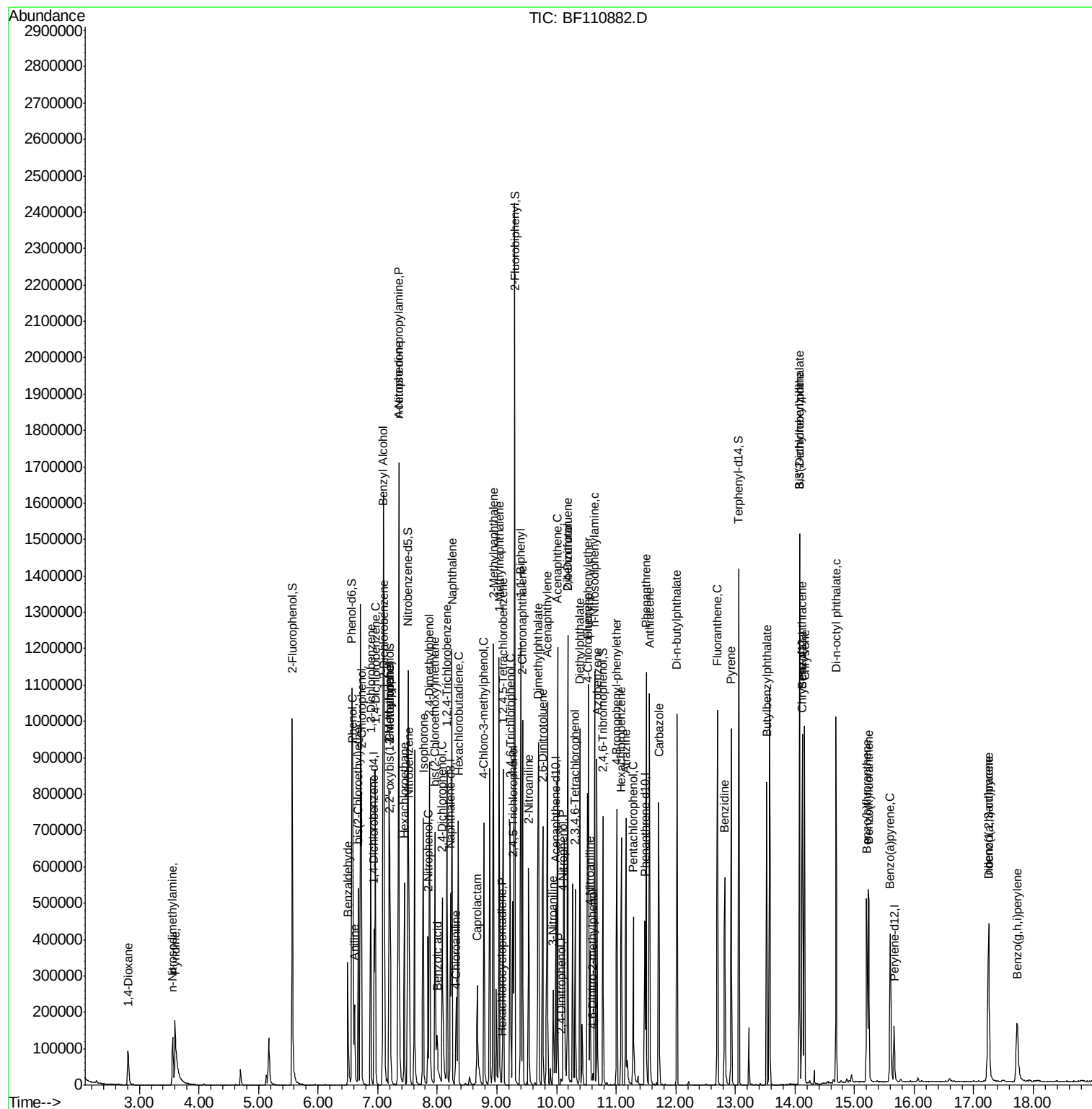
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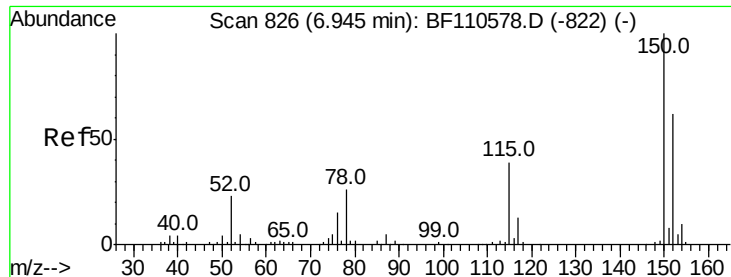
Instrument :
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#1

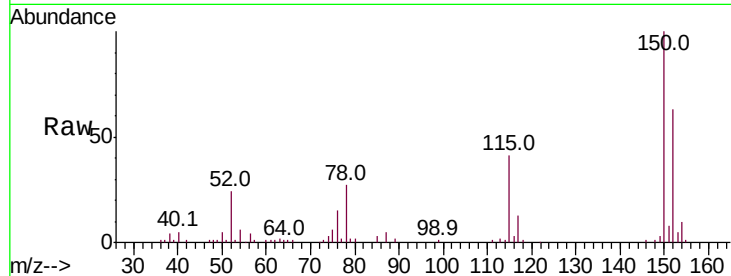
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Instrument :
BNA_F
ClientSampleId :
PB114909BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	122.7	184.1
115	64.4	49.1	73.7

Manual Integrations
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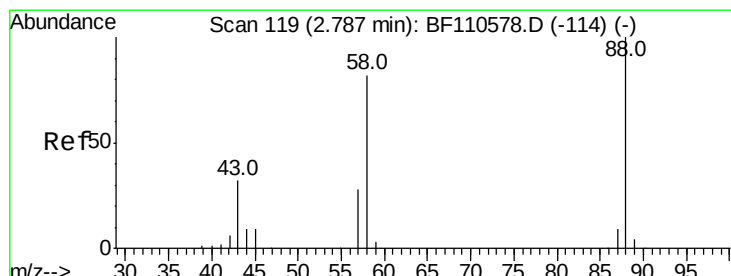
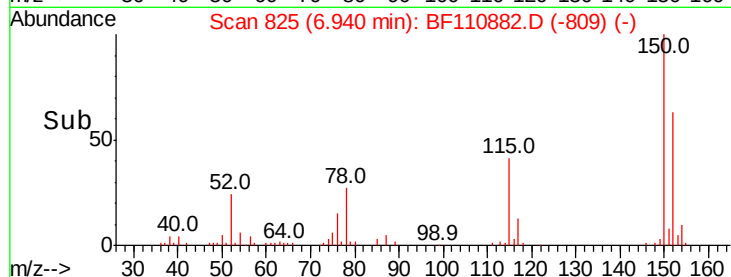
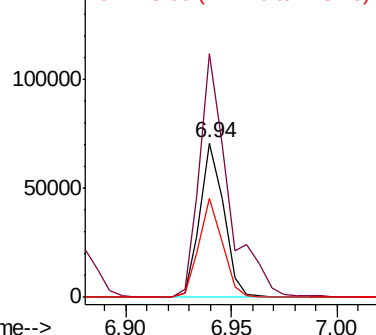


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

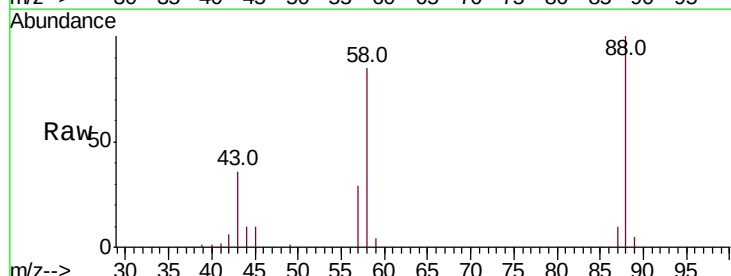
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.701 ng
RT: 2.81 min Scan# 123
Delta R.T. 0.02 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.0	57.1	85.7
43	32.5	24.1	36.1

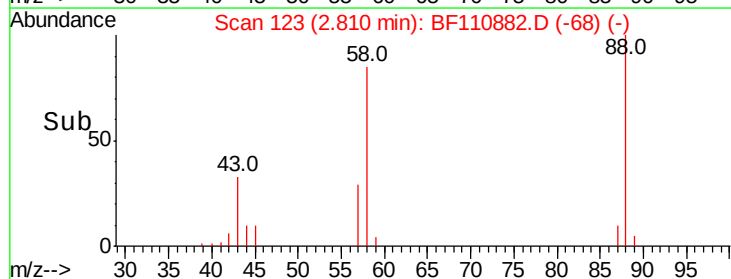
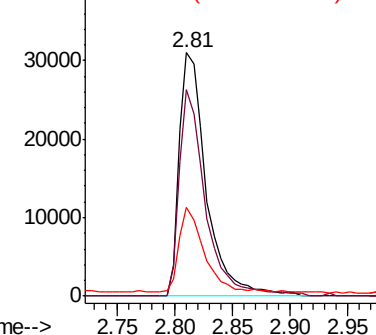


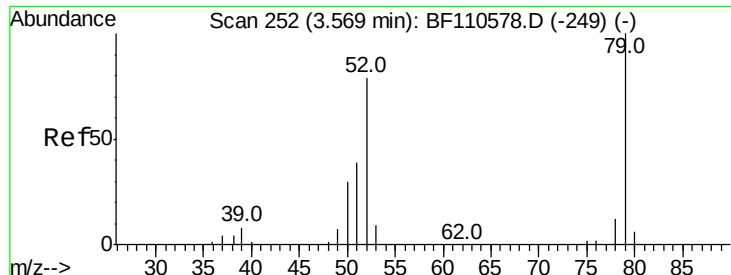
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





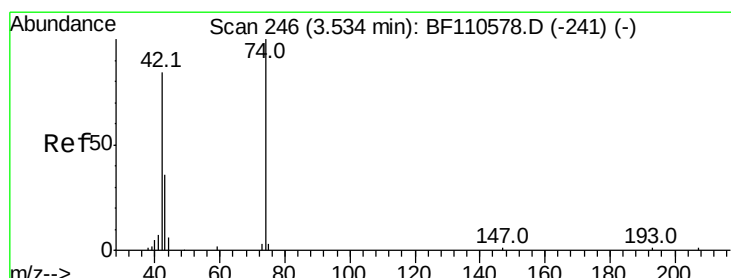
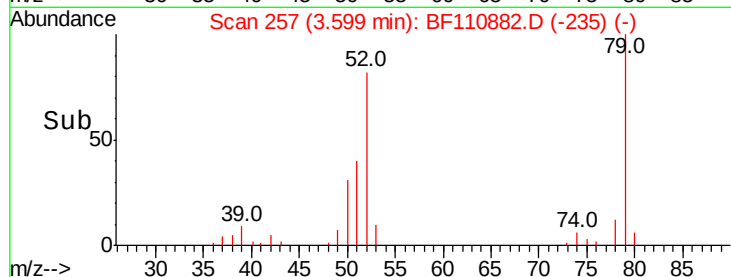
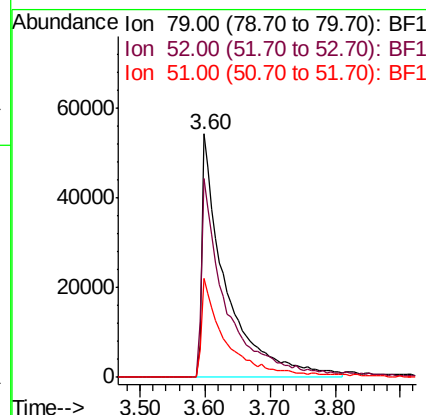
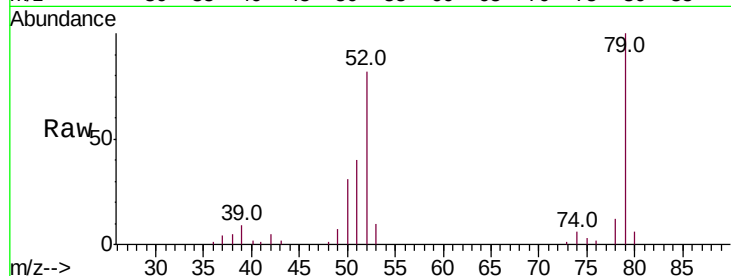
#3
 Pvrindine
 Concen: 37.249 ng
 RT: 3.60 min Scan# 257
 Delta R.T. 0.03 min
 Lab File: BF110882.D
 Acq: 20 Nov 2018 5:17

Instrument :
 BNA_F
 ClientSampleId :
 PB114909BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	81.8	53.1	79.7#
51	40.4	27.4	41.2

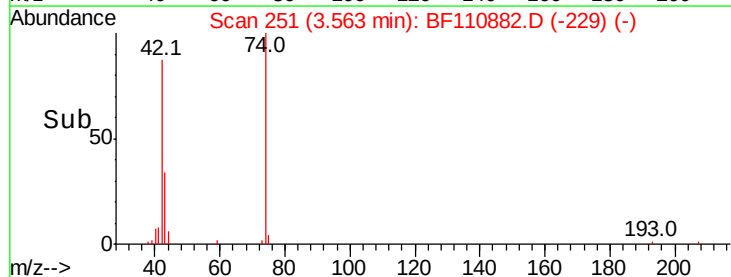
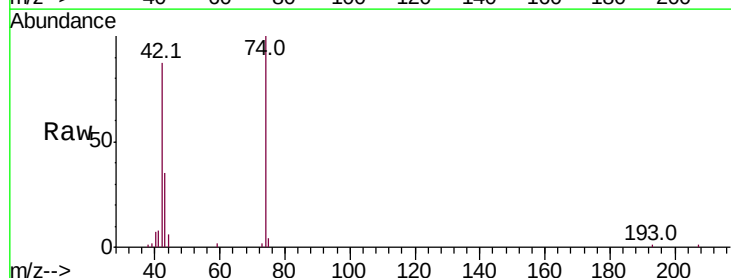
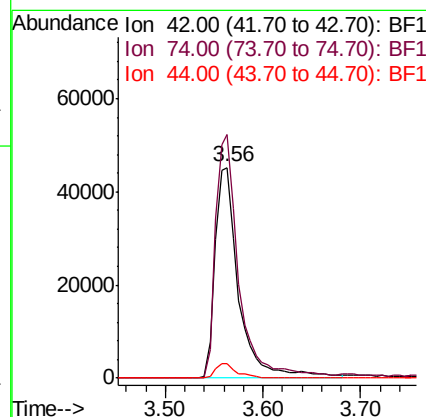
Manual Integrations
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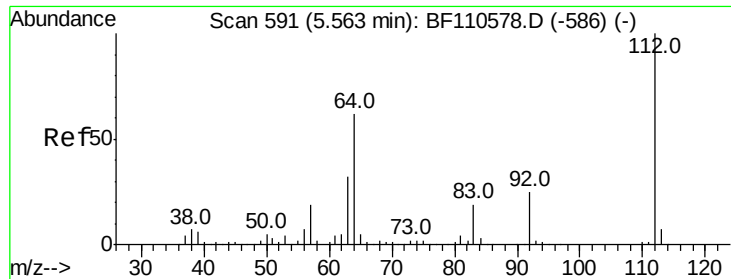
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 11/20/2018 11:07:55 AM



#4
 n-Nitrosodimethylamine
 Concen: 48.074 ng
 RT: 3.56 min Scan# 251
 Delta R.T. 0.03 min
 Lab File: BF110882.D
 Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Lower	Upper
42	100		
74	115.5	105.5	158.3
44	6.8	4.9	7.3





#5

2-Fluorophenol

Concen: 96.903 ng

RT: 5.57 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF110882.D

Acq: 20 Nov 2018 5:17

Instrument :

BNA_F

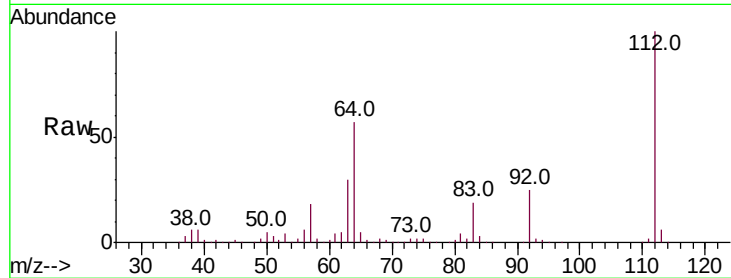
ClientSampleId :

PB114909BS

Tot Ion:	112	Resp:	331727
Ion Ratio	Lower	Upper	
112	100		
64	57.5	44.1	66.1
63	30.2	23.7	35.5

Manual Integrations
APPROVED

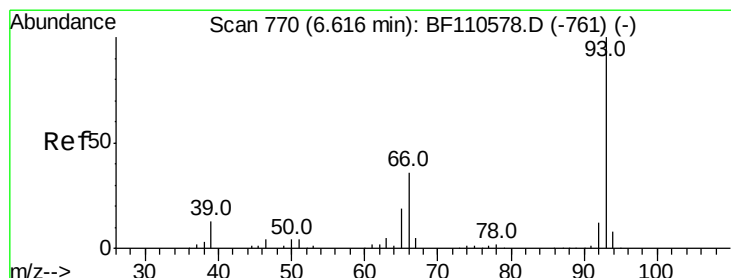
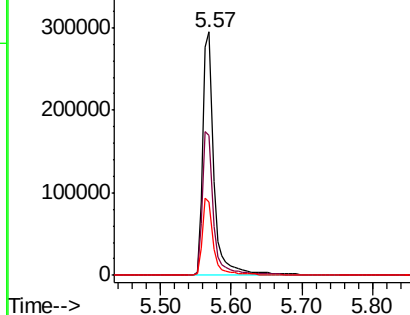
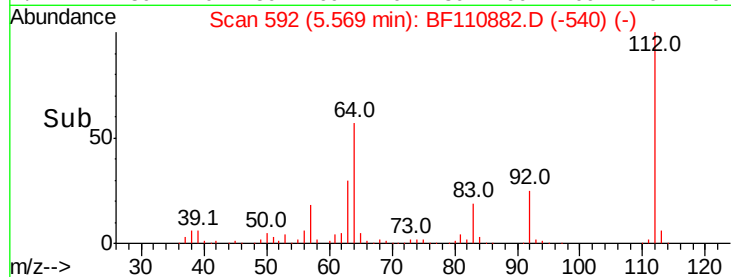
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.036 ng

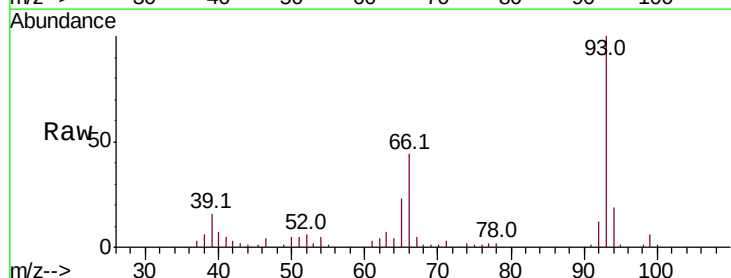
RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110882.D

Acq: 20 Nov 2018 5:17

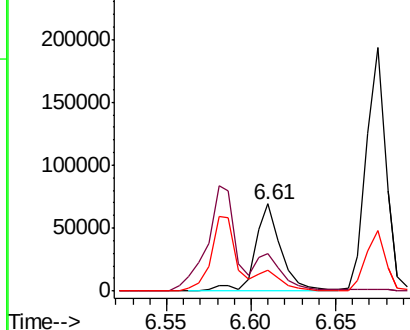
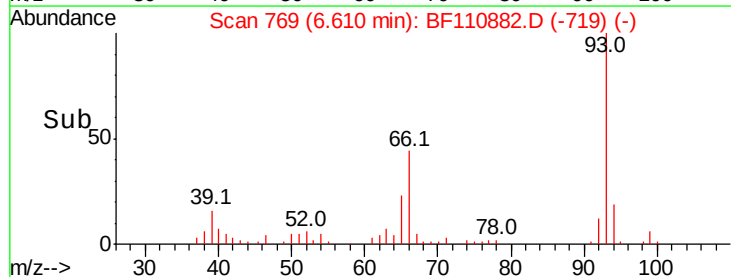
Tgt Ion:	93	Resp:	74419
Ion Ratio	Lower	Upper	
93	100		
66	43.6	67.4	101.0#
65	23.4	41.0	61.4#

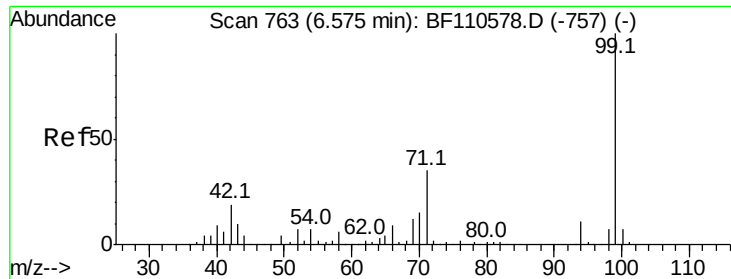


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.906 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110882.D

Acq: 20 Nov 2018 5:17

Instrument :

BNA_F

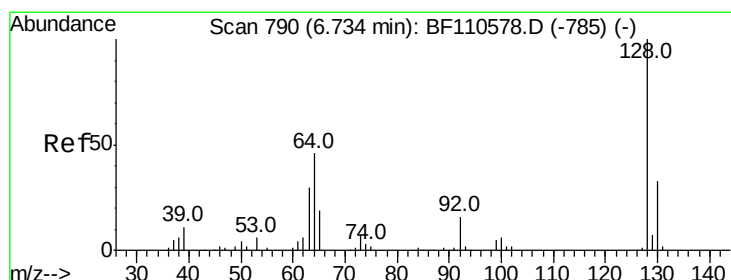
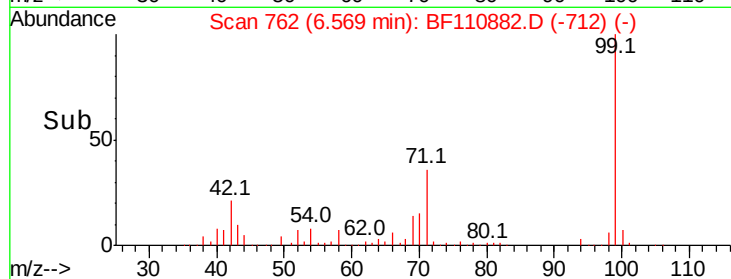
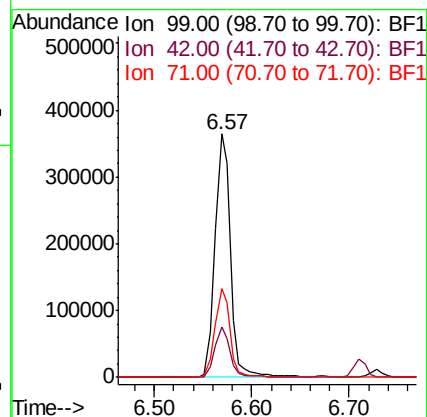
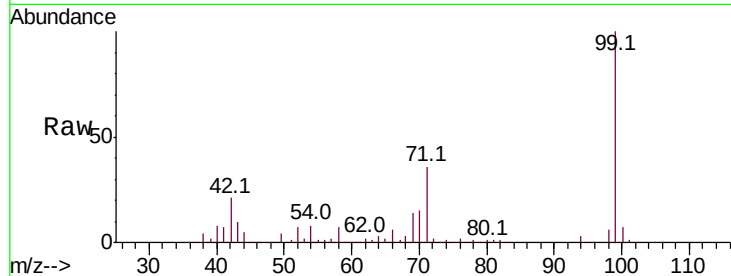
ClientSampleId :

PB114909BS

Tot Ion:	99	Resp:	402324
Ion Ratio	Lower	Upper	
99	100		
42	20.7	15.8	23.6
71	36.5	28.0	42.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 43.624 ng

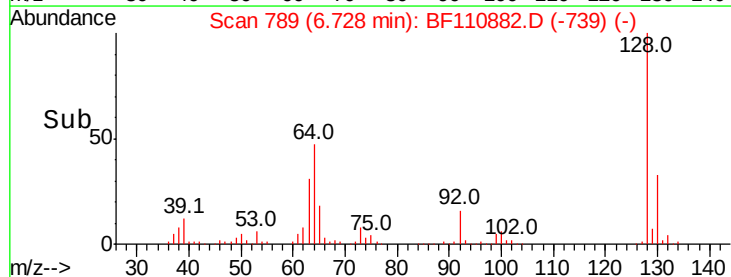
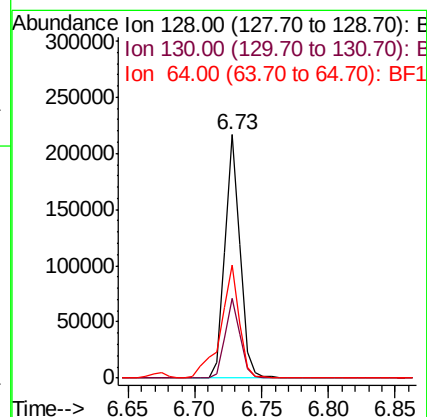
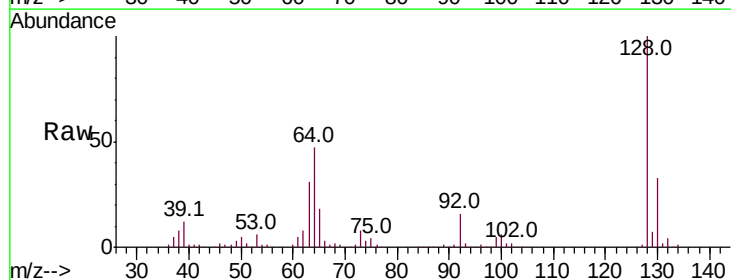
RT: 6.73 min Scan# 789

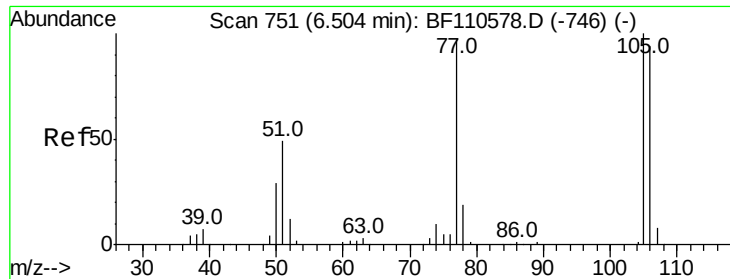
Delta R.T. -0.01 min

Lab File: BF110882.D

Acq: 20 Nov 2018 5:17

Tgt Ion:	128	Resp:	175065
Ion Ratio	Lower	Upper	
128	100		
130	33.0	13.1	53.1
64	46.5	26.0	66.0





#9

Benzaldehyde

Concen: 30.338 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF110882.D

Acq: 20 Nov 2018 5:17

Instrument :

BNA_F

ClientSampleId :

PB114909BS

Tot Ion: 77 Resp: 76032

Ion Ratio Lower Upper

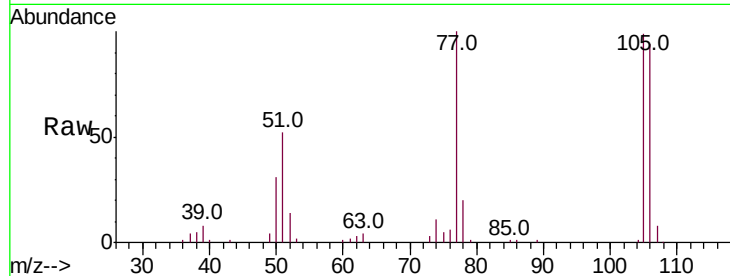
77 100

105 99.3 78.6 118.6

106 94.3 74.8 114.8

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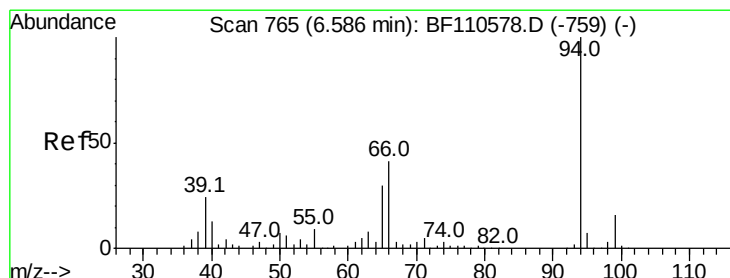
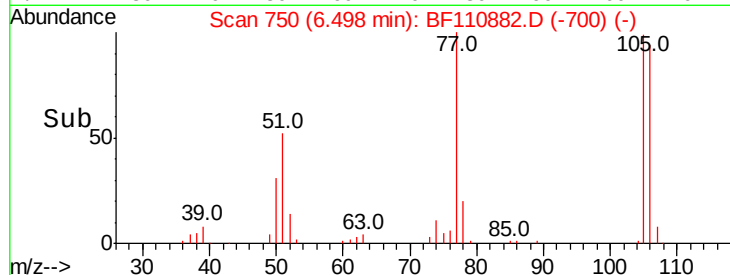
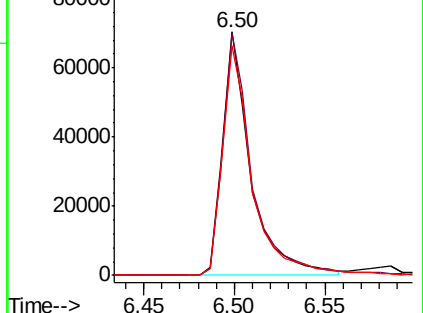
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.906 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF110882.D

Acq: 20 Nov 2018 5:17

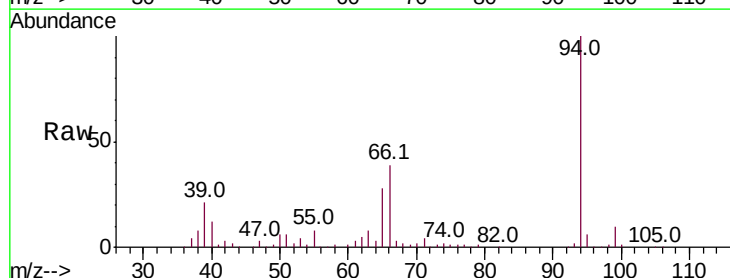
Tgt Ion: 94 Resp: 207638

Ion Ratio Lower Upper

94 100

65 28.3 25.3 65.3

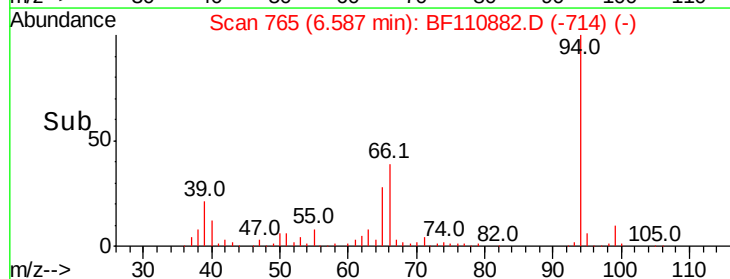
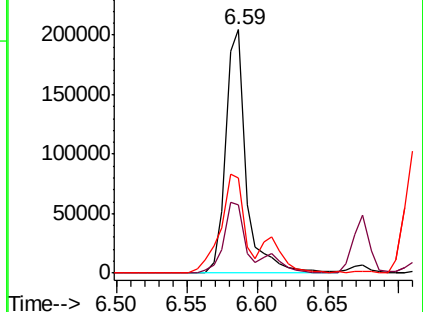
66 39.0 54.5 94.5#

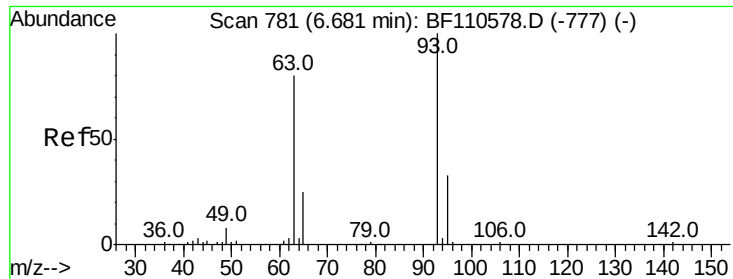


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





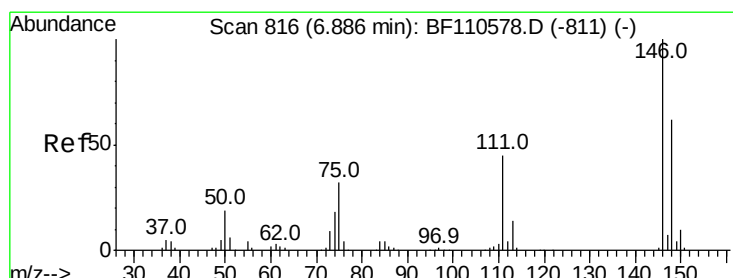
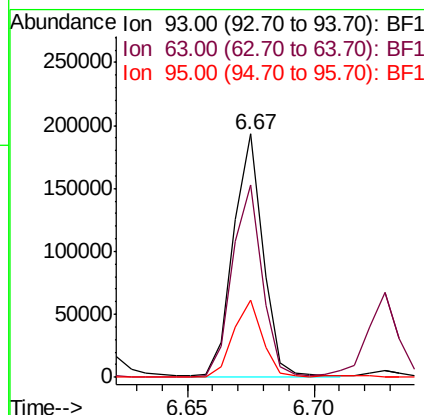
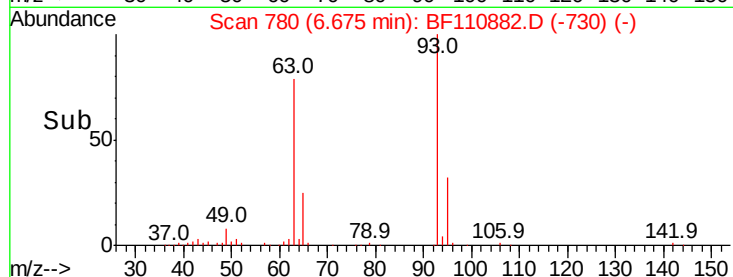
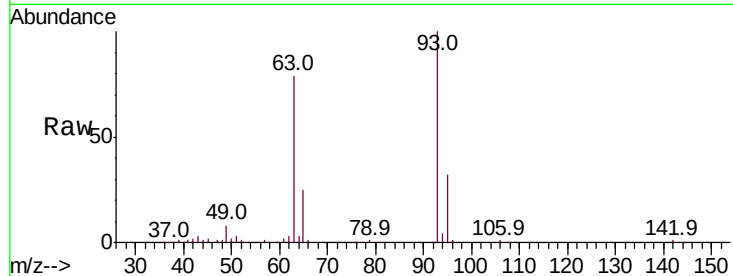
#11
bis(2-Chloroethyl)ether
Concen: 41.649 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Instrument :
BNA_F
ClientSampleID :
PB114909BS

Tot Ion:	93	Resp:	158435
Ion Ratio	Lower	Upper	
93	100		
63	79.0	53.4	93.4
95	31.6	12.1	52.1

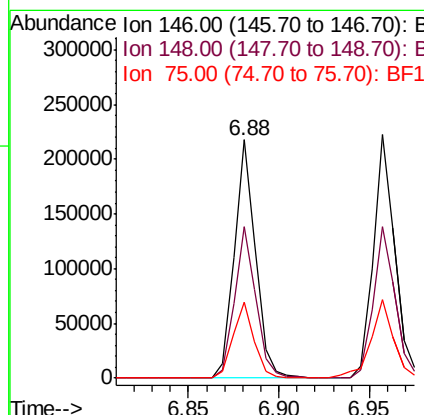
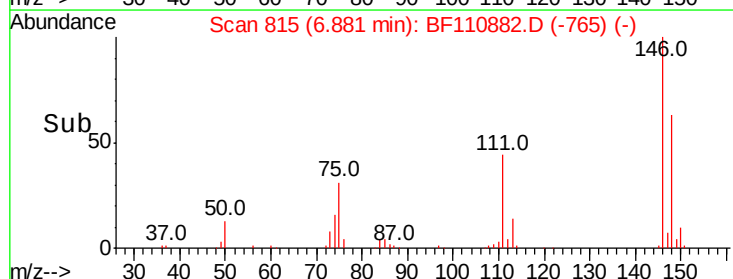
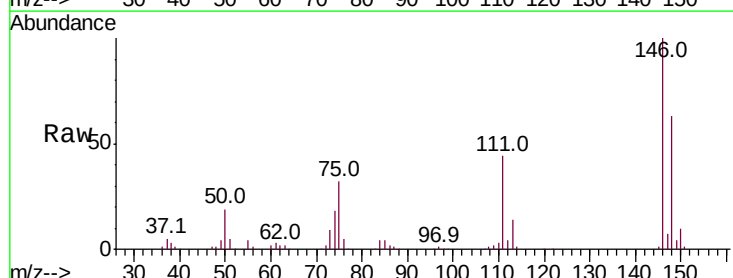
Manual Integrations
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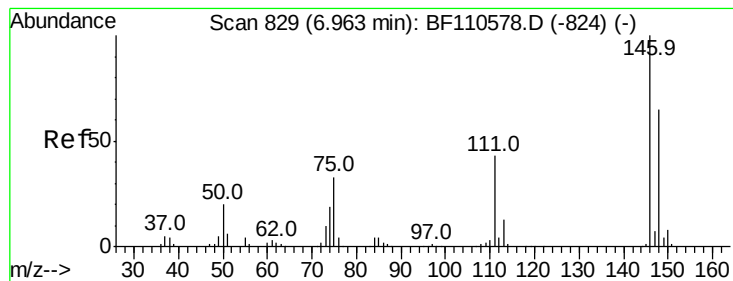
Sohil
11/20/2018 11:07:55 AM



#12
1,3-Dichlorobenzene
Concen: 40.672 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Tgt Ion:	146	Resp:	178588
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.4	75.6
75	31.8	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 41.724 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF110882.D

Acq: 20 Nov 2018 5:17

Instrument :

BNA_F

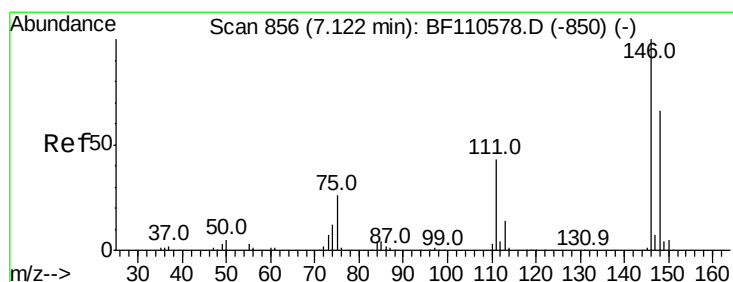
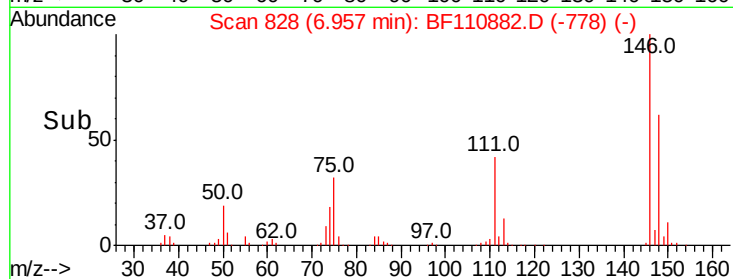
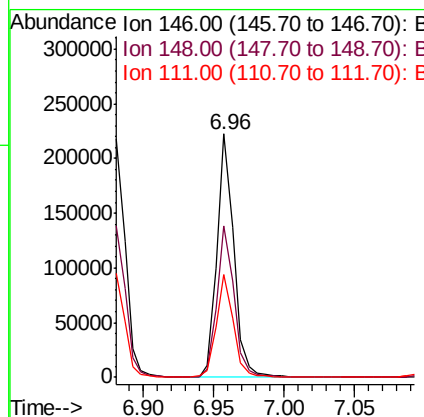
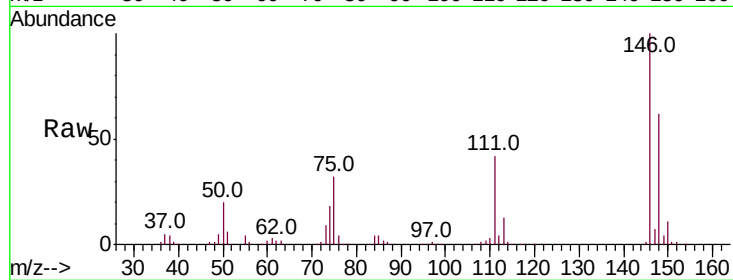
ClientSampled :

PB114909BS

Tot Ion:	146	Resp:	186040
Ion Ratio	Lower	Upper	
146	100		
148	62.4	50.3	75.5
111	42.1	32.7	49.1

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 41.701 ng

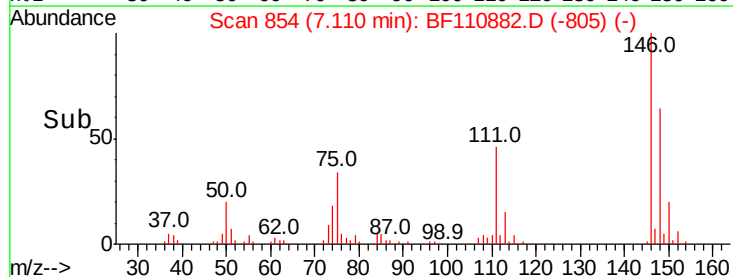
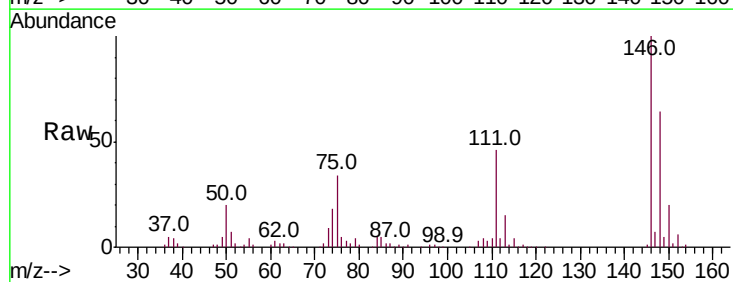
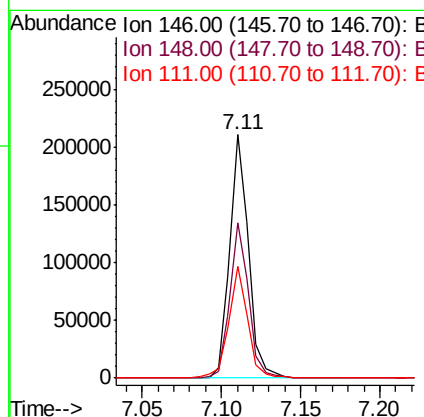
RT: 7.11 min Scan# 854

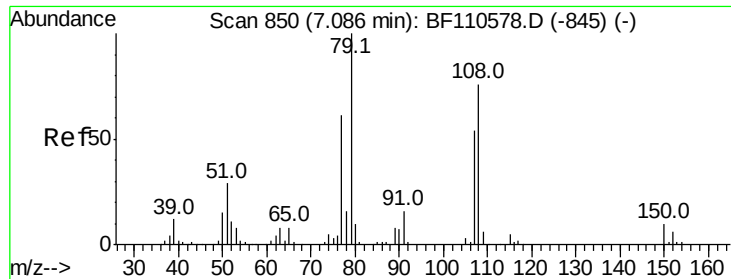
Delta R.T. -0.01 min

Lab File: BF110882.D

Acq: 20 Nov 2018 5:17

Tgt Ion:	146	Resp:	172971
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.1	76.7
111	46.2	35.8	53.6





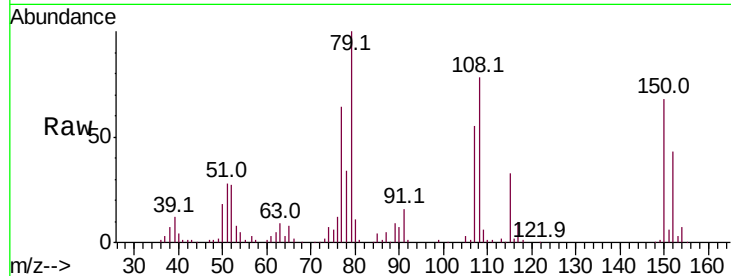
#15
Benzyl Alcohol
Concen: 42.772 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Instrument :
BNA_F
ClientSampleId :
PB114909BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.6	56.3	84.5
77	64.0	52.9	79.3

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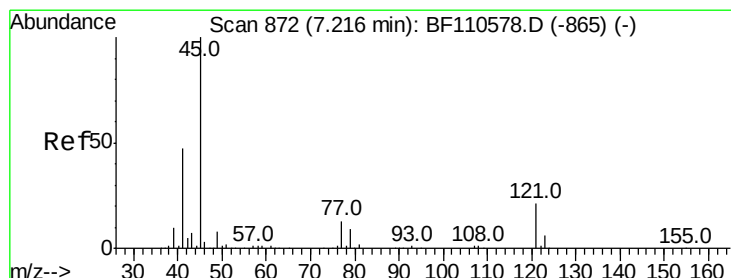
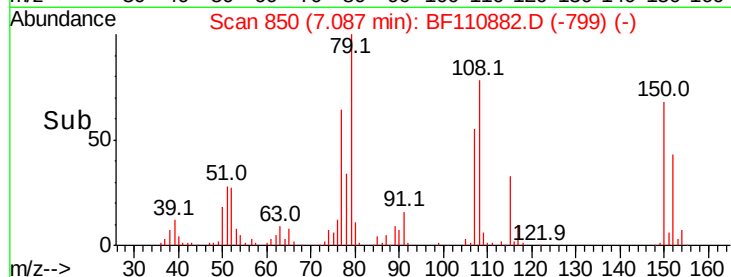
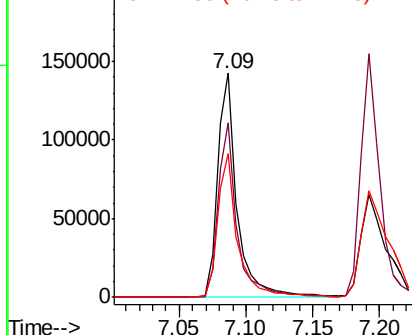


Abundance

Ion 79.00 (78.70 to 79.70): BF1

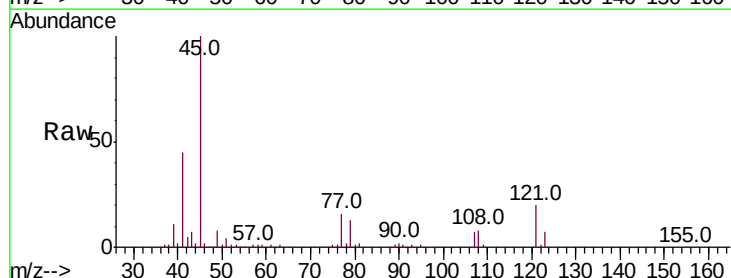
Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.029 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.0	10.0	50.0
79	12.5	6.1	46.1

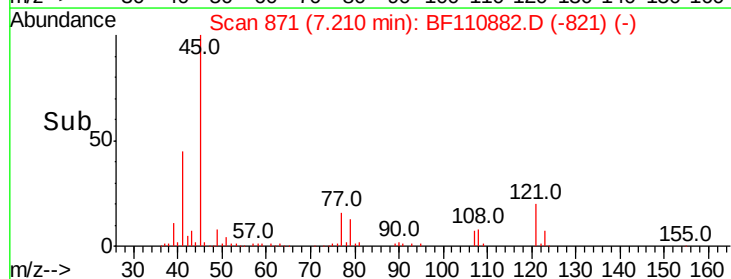
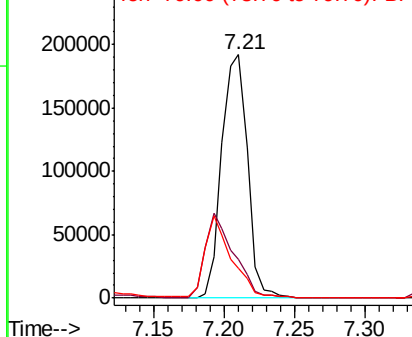


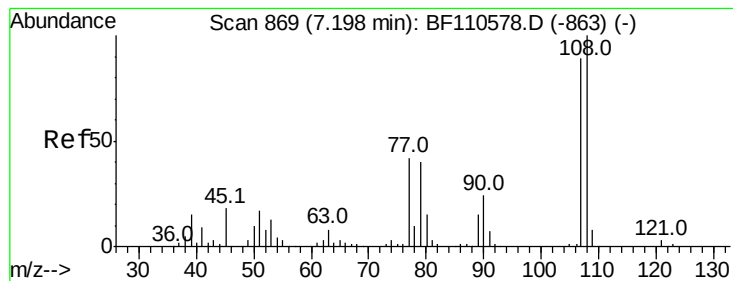
Abundance

Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





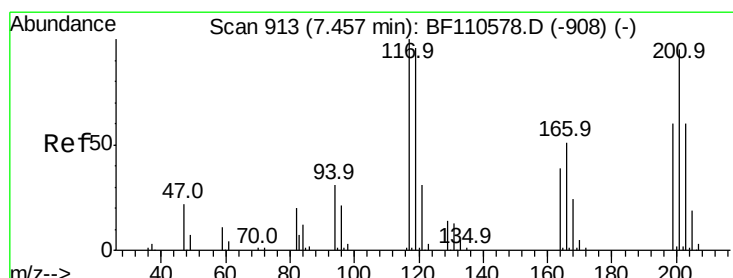
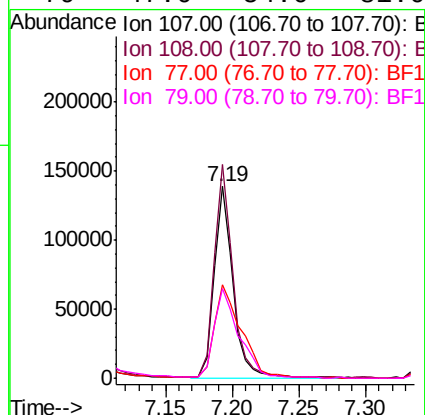
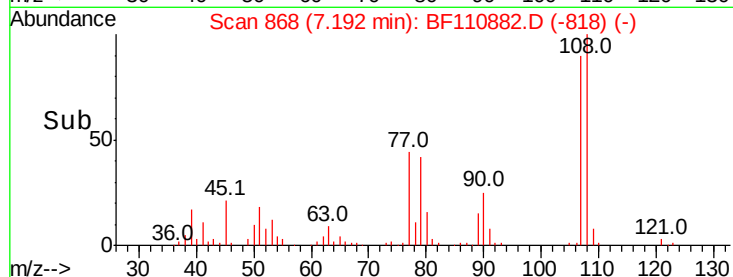
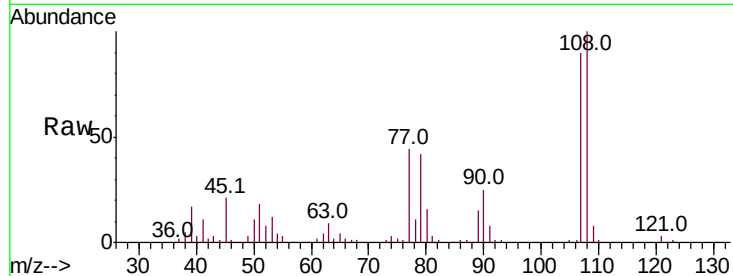
#17
2-Methylphenol
Concen: 42.946 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Instrument :
BNA_F
ClientSampleID :
PB114909BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	92.6	138.8	
77	48.5	59.4	89.2#	
79	47.0	54.0	81.0#	

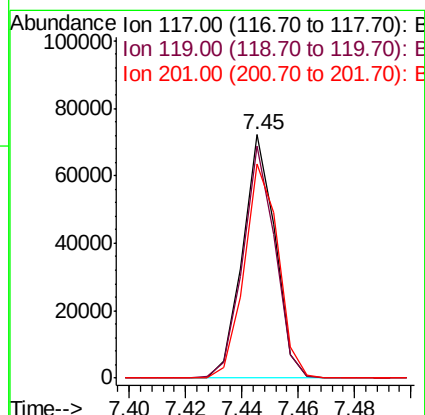
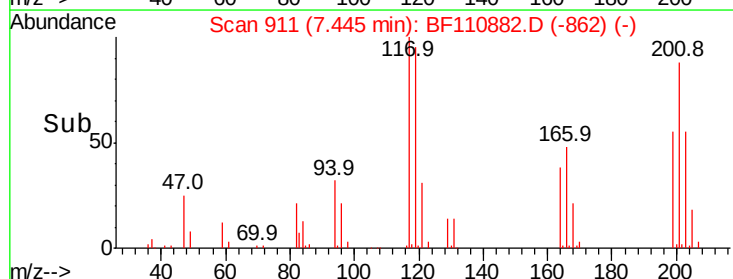
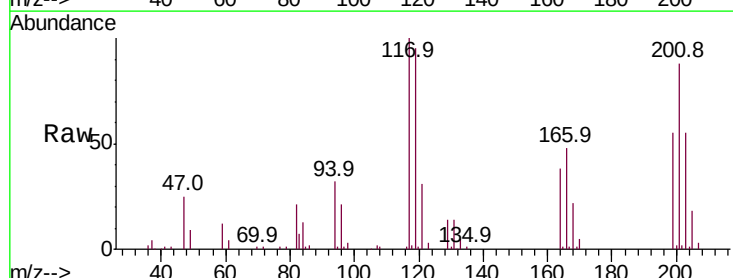
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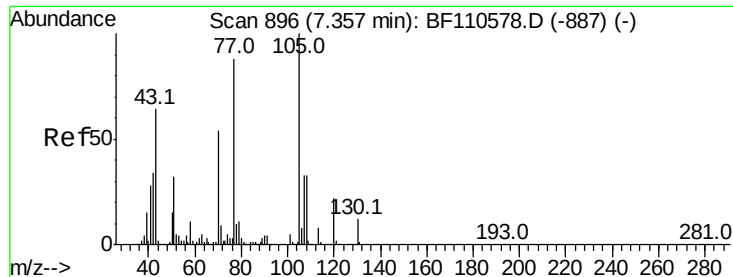
Sohil
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#18
Hexachloroethane
Concen: 34.852 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	75.0	112.6	
201	87.7	79.2	118.8	





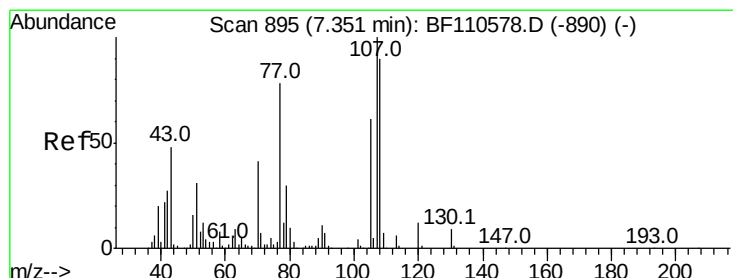
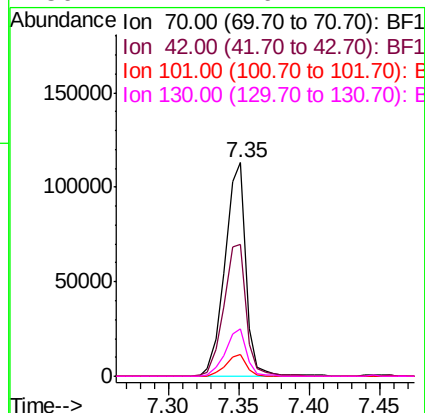
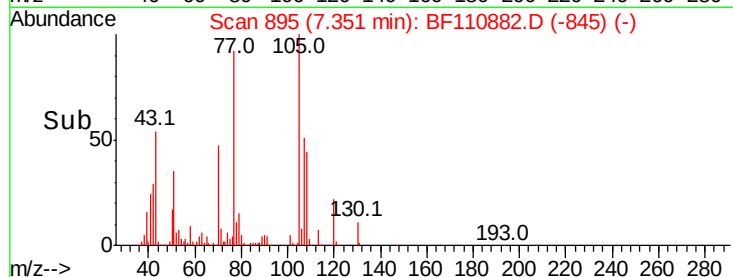
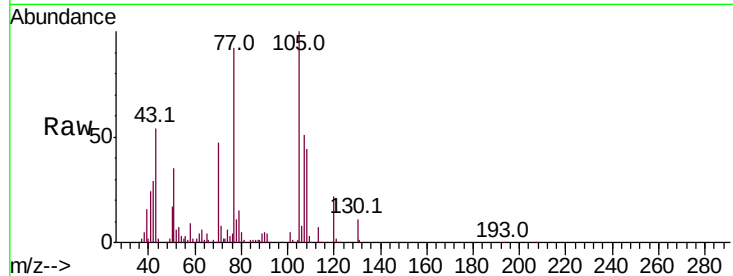
#19
n-Nitroso-di-n-propylamine
Concen: 41.905 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Instrument :
BNA_F
ClientSampleId :
PB114909BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.9	47.4	71.2
101	10.0	7.3	10.9
130	22.4	16.2	24.2

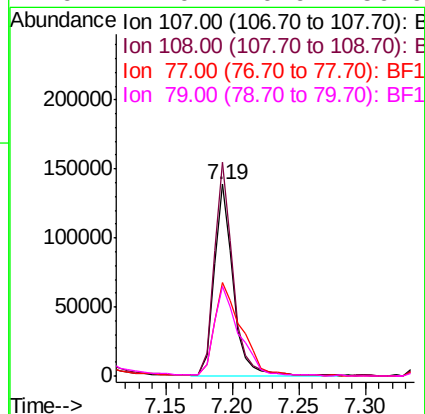
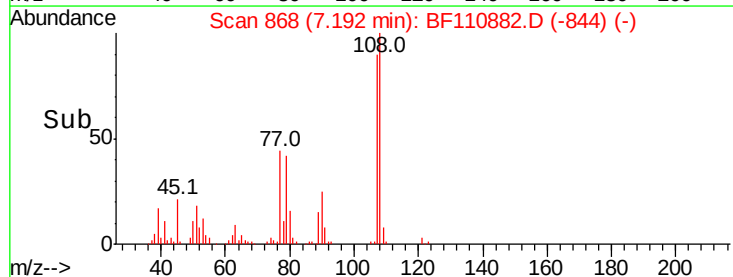
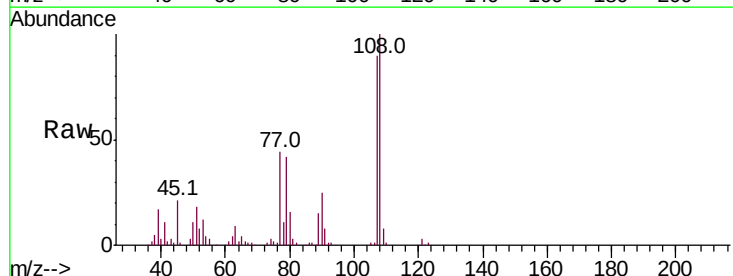
Manual Integrations
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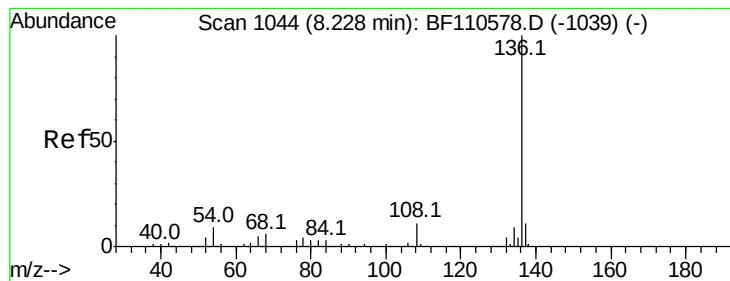
Sohil
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#20
3+4-Methylphenols
Concen: 33.460 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.16 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.3	71.4	111.4
77	48.5	47.3	87.3
79	47.0	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110882.D

Acq: 20 Nov 2018 5:17

Instrument :

BNA_F

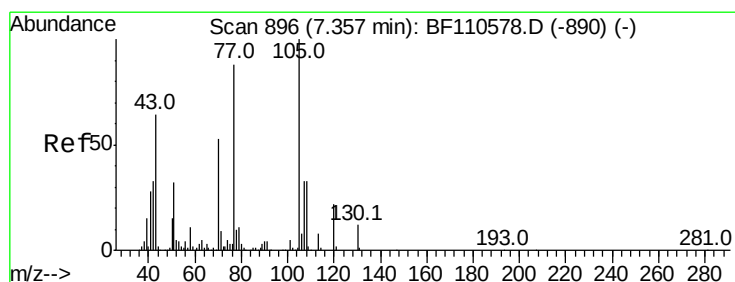
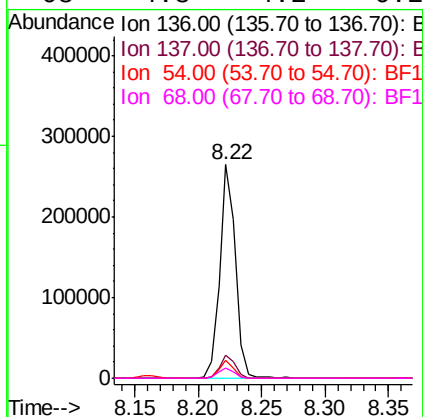
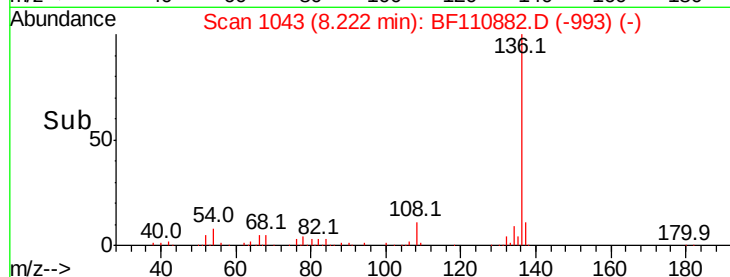
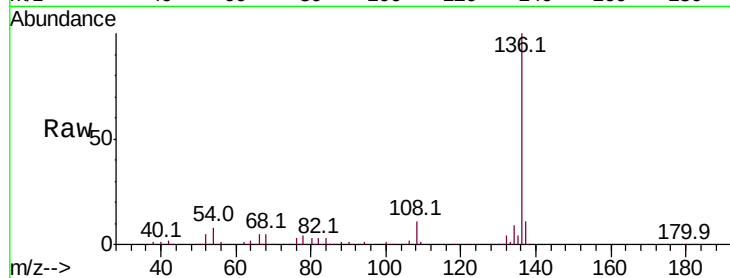
ClientSampleId :

PB114909BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.2	5.4	8.2#
68	4.8	4.2	6.2

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#22

Acetophenone

Concen: 44.005 ng

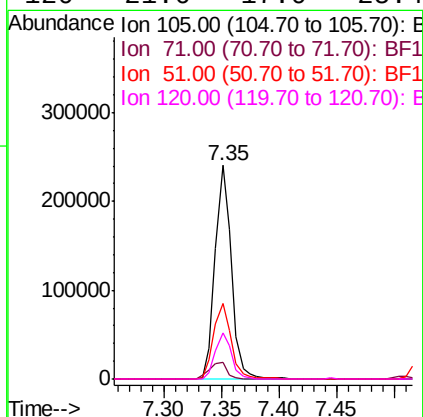
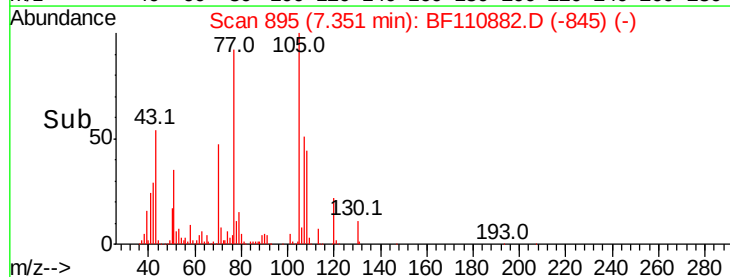
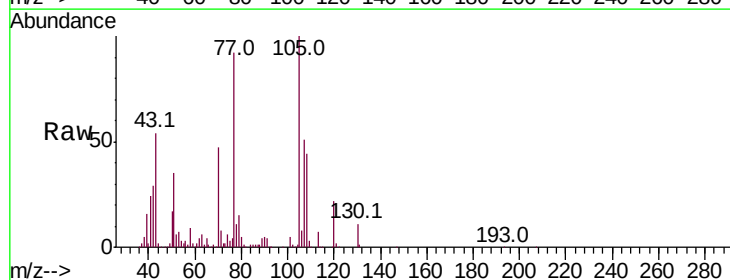
RT: 7.35 min Scan# 895

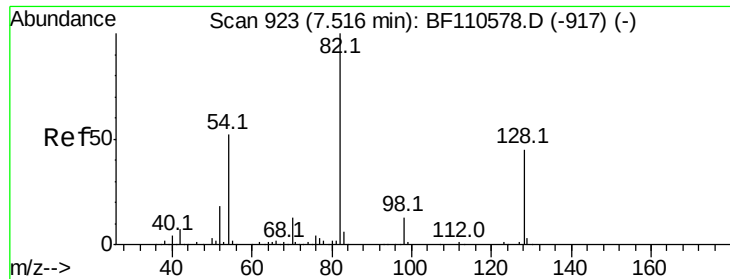
Delta R.T. -0.01 min

Lab File: BF110882.D

Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	7.7	5.2	7.8
51	35.4	21.8	32.8#
120	21.6	17.0	25.4





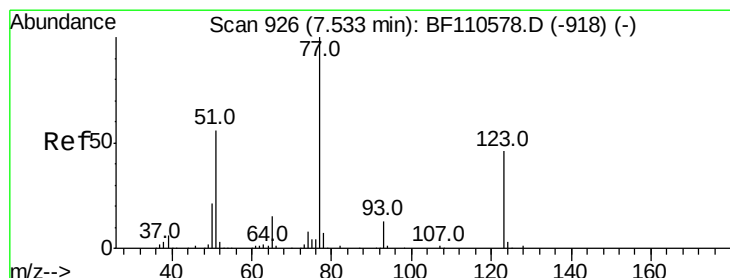
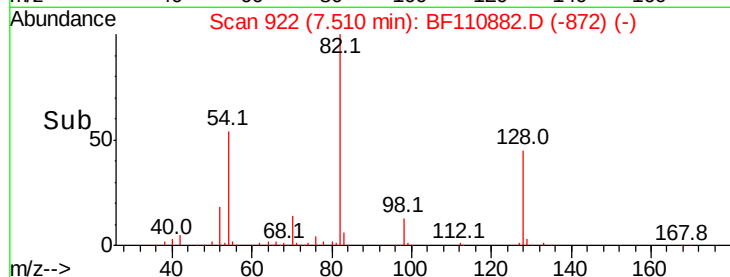
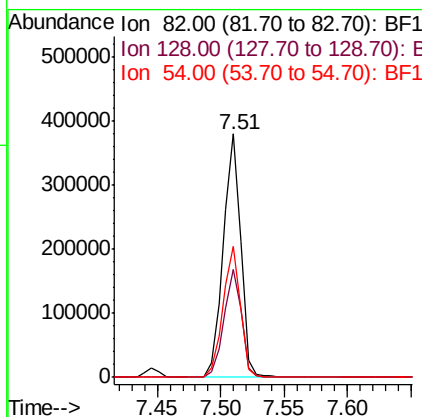
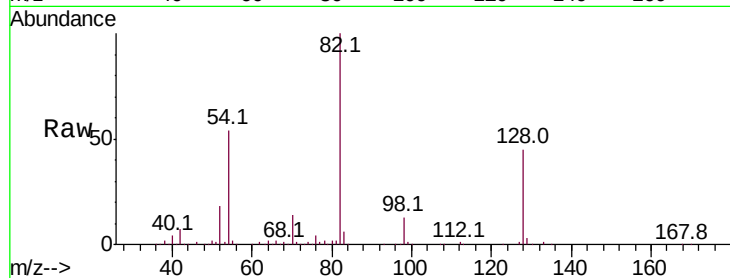
#23
Nitrobenzene-d5
Concen: 91.586 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Instrument :
BNA_F
ClientSampleID :
PB114909BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.6	34.2	51.2	
54	54.1	38.6	58.0	

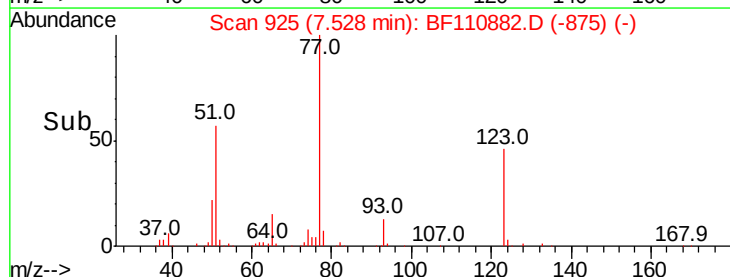
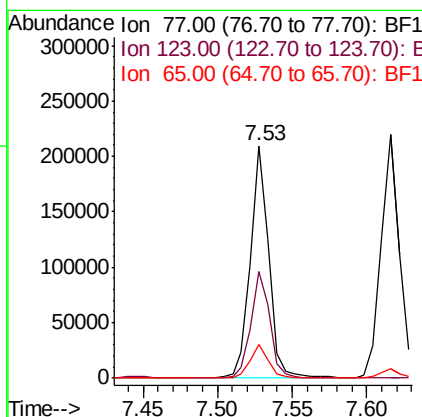
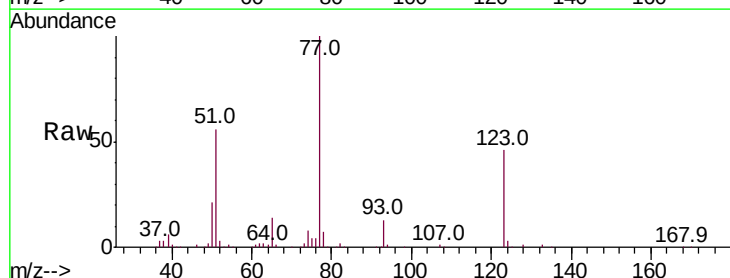
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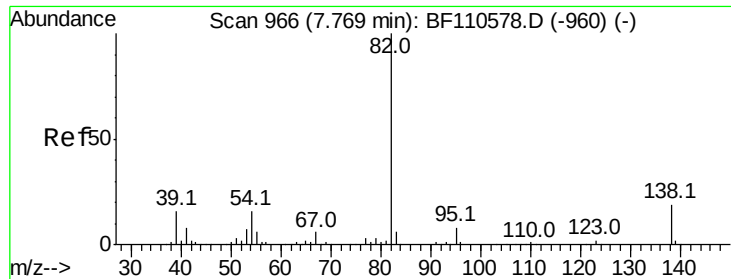
Sohil
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#24
Nitrobenzene
Concen: 43.512 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.9	35.7	53.5	
65	14.4	10.7	16.1	





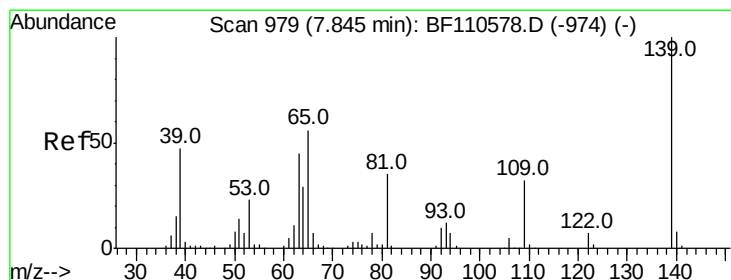
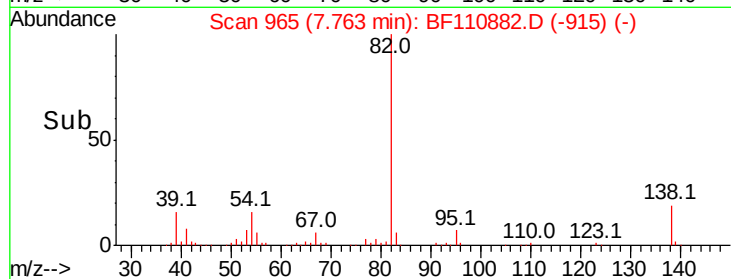
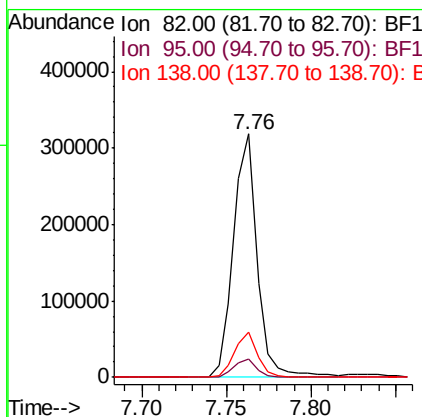
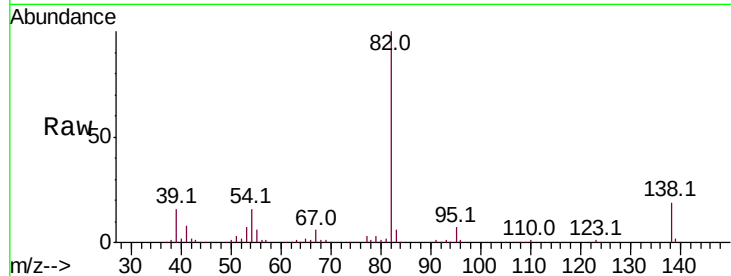
#25
Isophorone
Concen: 47.722 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Instrument :
BNA_F
ClientSampleId :
PB114909BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.5	5.7	8.5	
138	18.7	13.2	19.8	

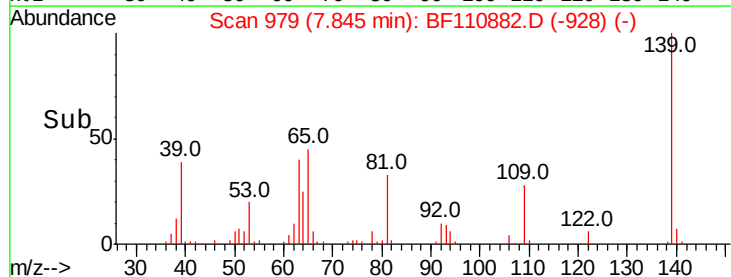
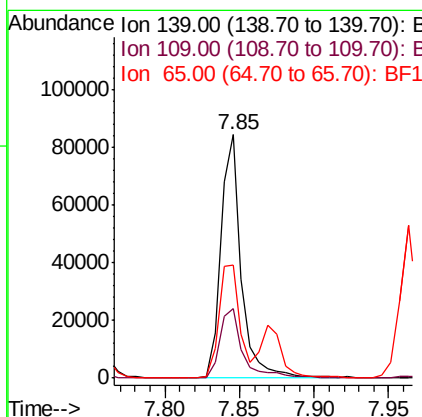
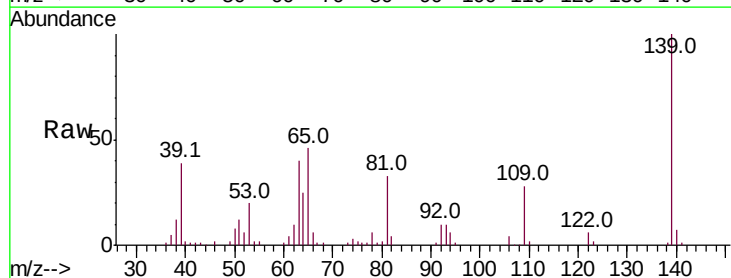
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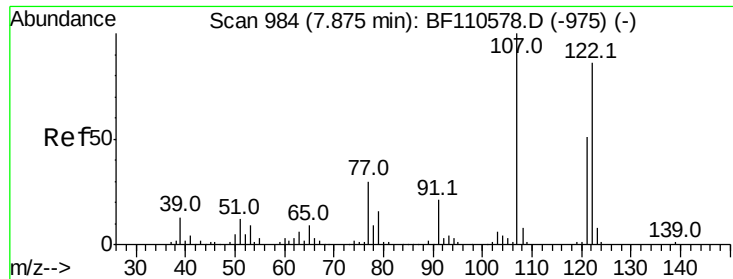
Sohil
11/20/2018 11:07:55 AM



#26
2-Nitrophenol
Concen: 39.783 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	28.5	25.0	37.6	
65	46.3	44.0	66.0	





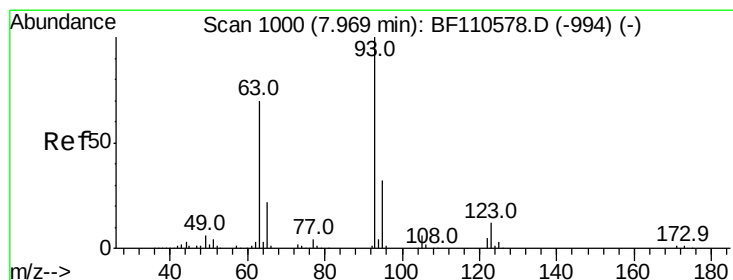
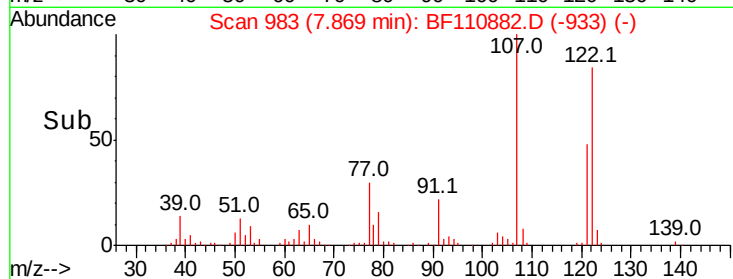
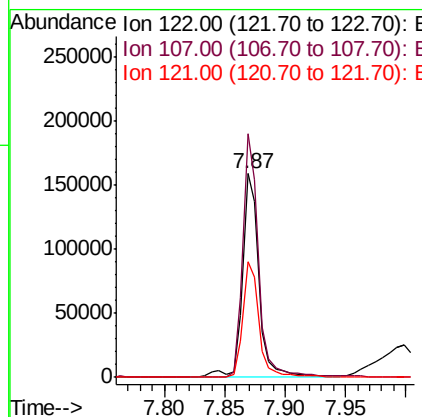
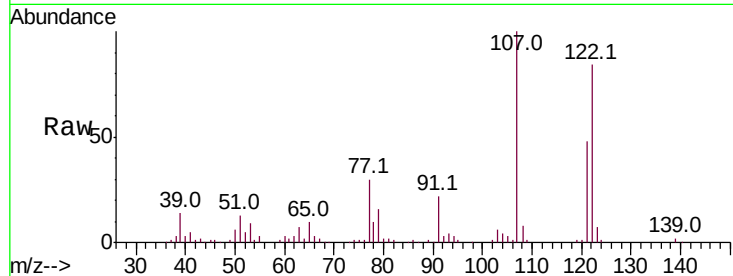
#27
2,4-Dimethylphenol
Concen: 49.405 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Instrument :
BNA_F
ClientSampleId :
PB114909BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	119.6	92.5	138.7	
121	57.1	45.8	68.8	

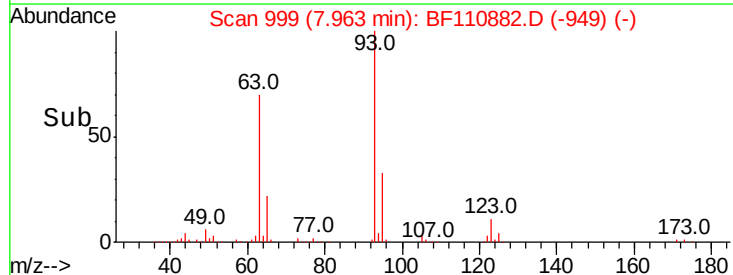
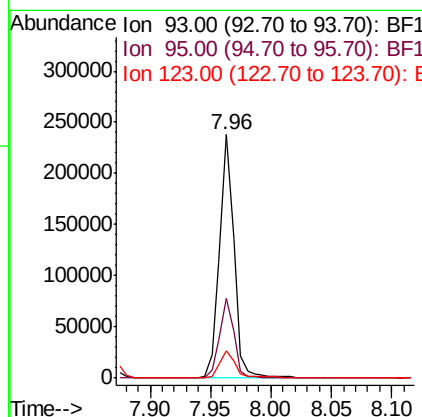
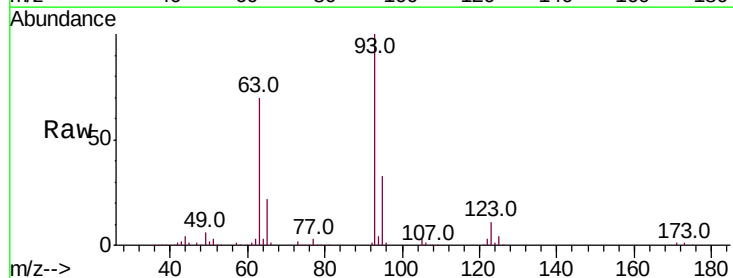
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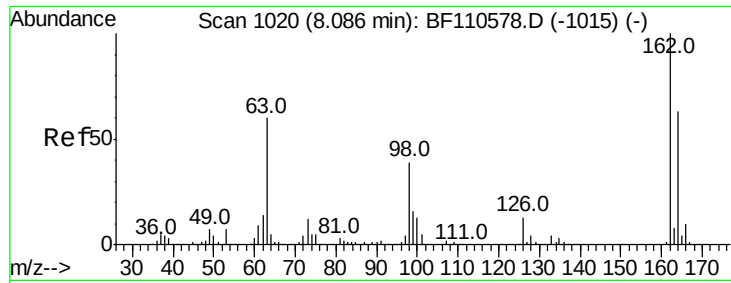
Sohil
11/20/2018 11:07:55 AM



#28
bis(2-Chloroethoxy)methane
Concen: 44.161 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.5	26.4	39.6	
123	11.4	9.0	13.6	





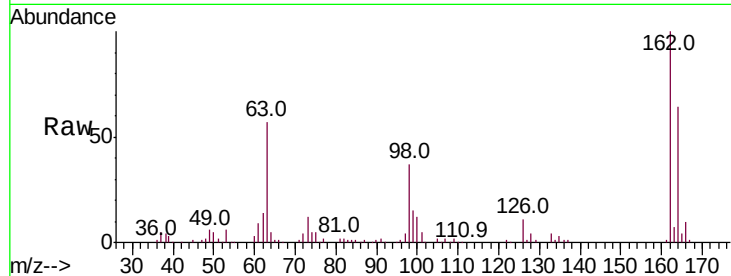
#29
2,4-Dichlorophenol
Concen: 43.496 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Instrument :
BNA_F
ClientSampled :
PB114909BS

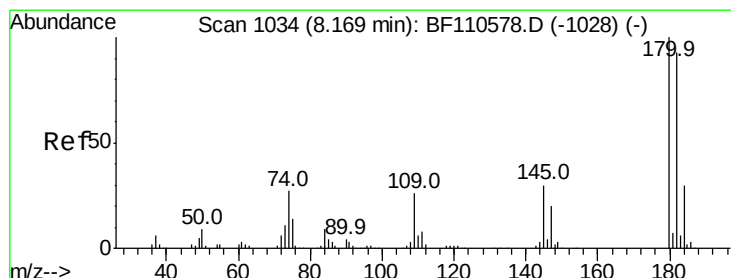
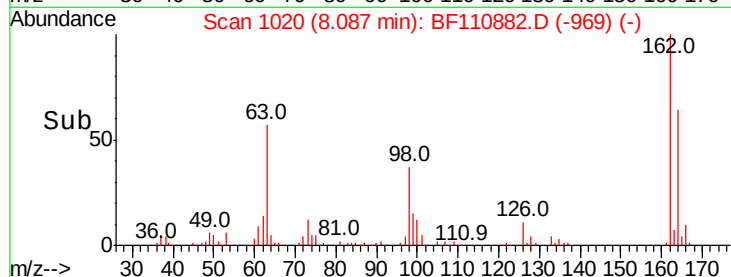
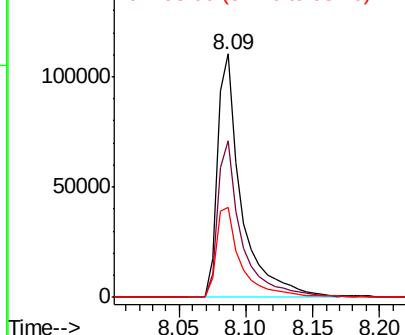
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.3	44.6	84.6
98	36.8	17.4	57.4

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11/20/2018 11:07:55 AM



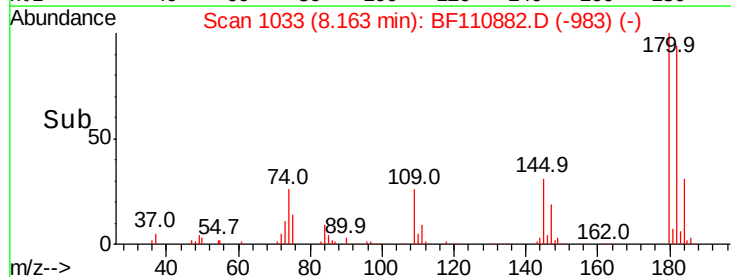
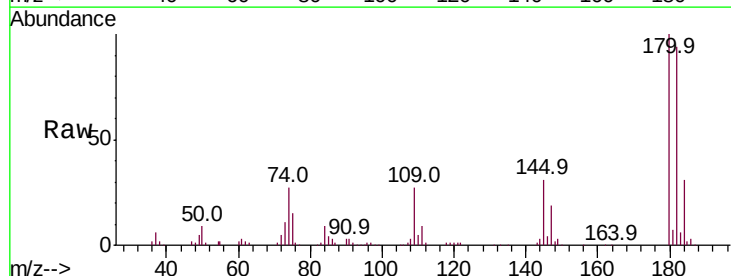
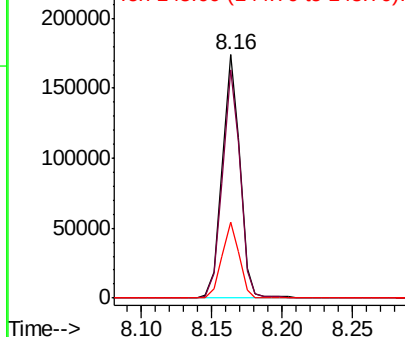
Abundance Ion 162.00 (161.70 to 162.70): E
150000
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

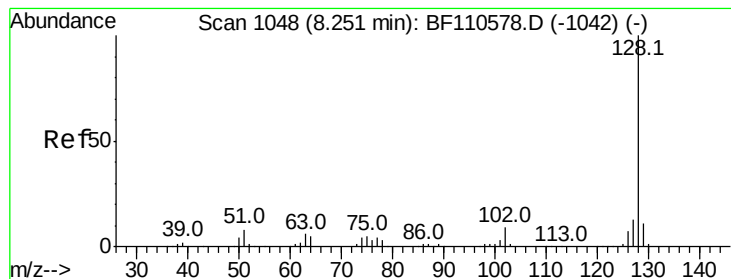


#30
1,2,4-Trichlorobenzene
Concen: 42.127 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.9	80.3	120.5
145	31.3	25.4	38.0

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: 45.557 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF110882.D

Acq: 20 Nov 2018 5:17

Instrument :

BNA_F

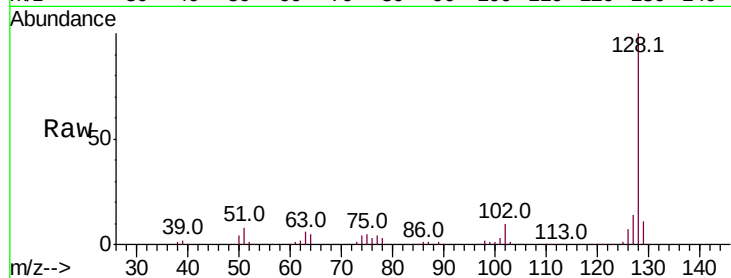
ClientSampleId :

PB114909BS

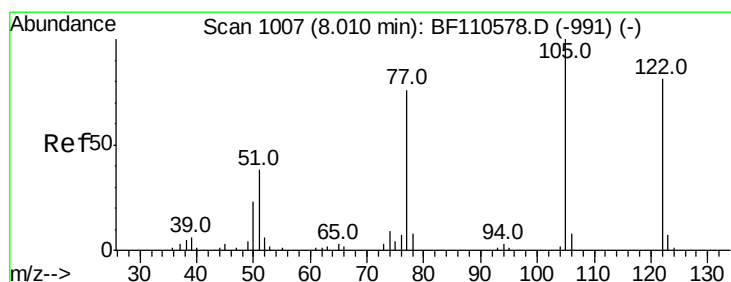
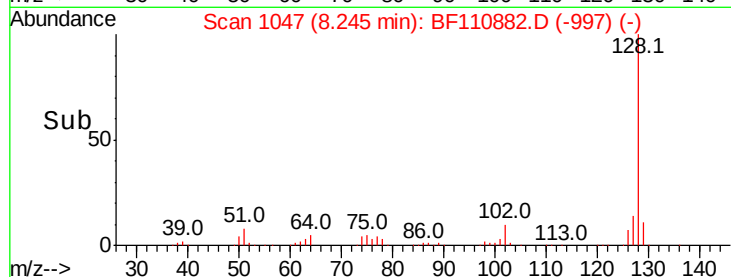
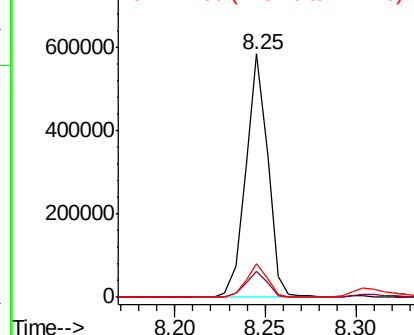
Tot Ion:128	Resp:	492396
Ion Ratio	Lower	Upper
128	100	
129	10.9	8.8 13.2
127	13.6	10.8 16.2

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



#32

Benzoic acid

Concen: 28.954 ng

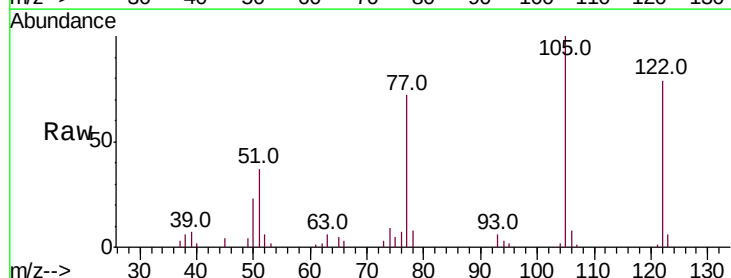
RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

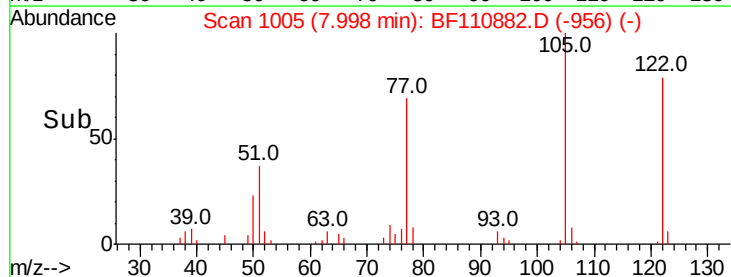
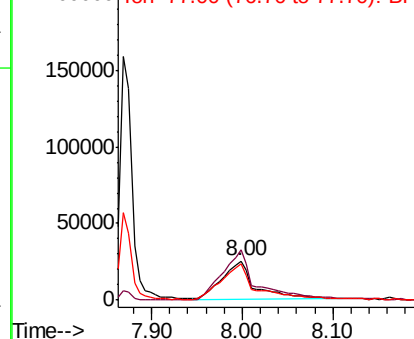
Lab File: BF110882.D

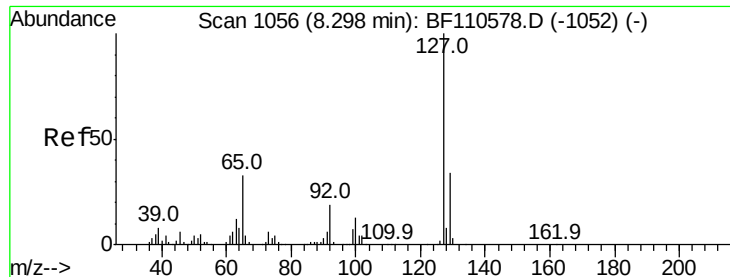
Acq: 20 Nov 2018 5:17

Tgt Ion:122	Resp:	63754
Ion Ratio	Lower	Upper
122	100	
105	127.1	109.0 149.0
77	91.3	79.0 119.0



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





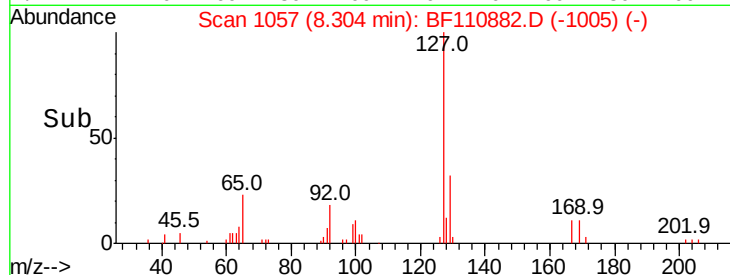
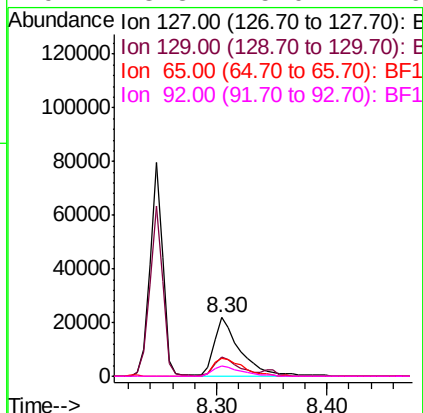
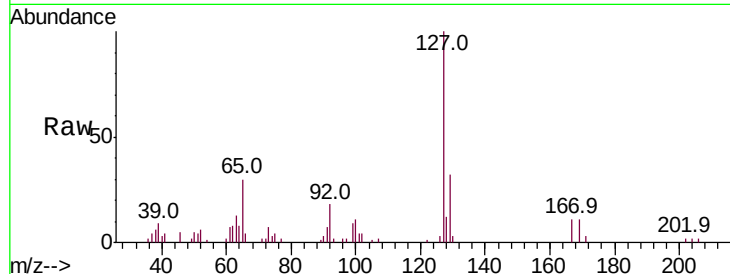
#33
4-Chloroaniline
Concen: 7.416 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Instrument :
BNA_F
ClientSampleId :
PB114909BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.0	39.0
65	30.2	25.1	37.7
92	18.3	15.0	22.6

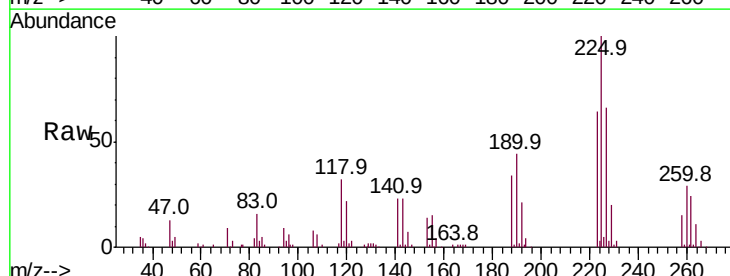
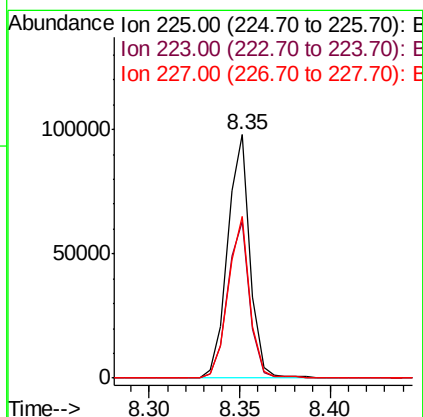
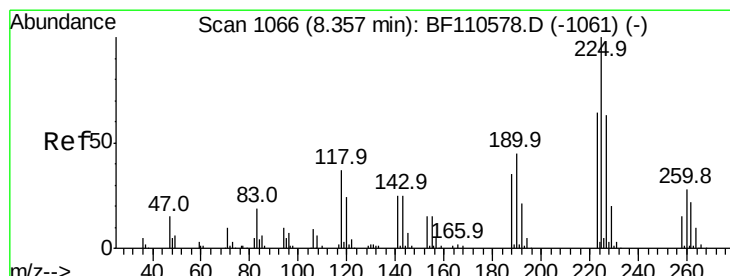
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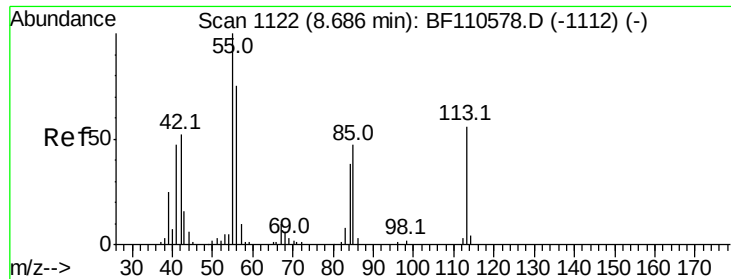
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#34
Hexachlorobutadiene
Concen: 40.743 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.4	77.2
227	66.5	51.0	76.6





#35

Caprolactam

Concen: 40.740 ng

RT: 8.67 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF110882.D

Acq: 20 Nov 2018 5:17

Instrument :

BNA_F

ClientSampleId :

PB114909BS

Tot Ion:113 Resp: 43586

Ion Ratio Lower Upper

113 100

55 177.5 142.8 182.8

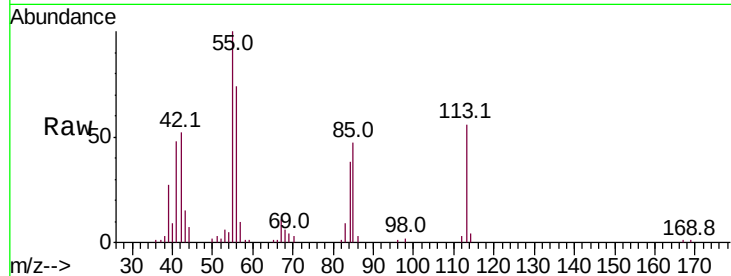
56 131.8 105.0 145.0

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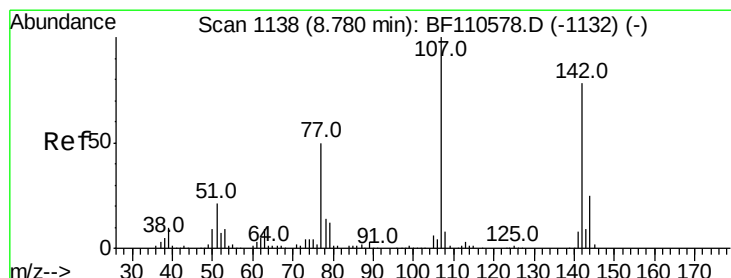
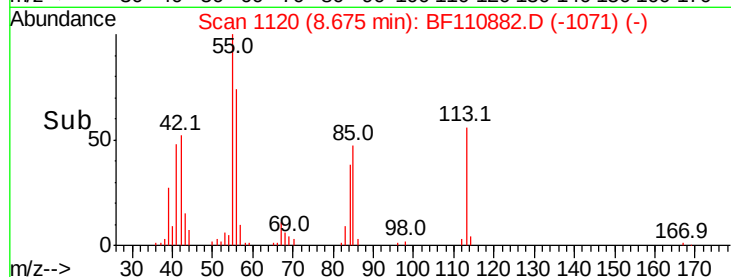
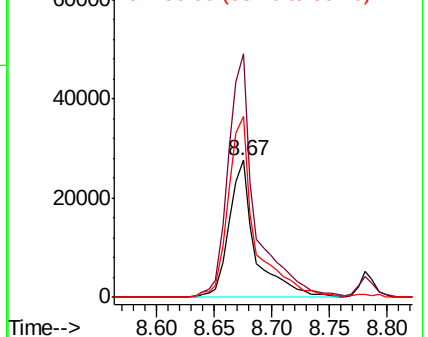
11/20/2018 11:07:55 AM



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: 43.083 ng

RT: 8.78 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF110882.D

Acq: 20 Nov 2018 5:17

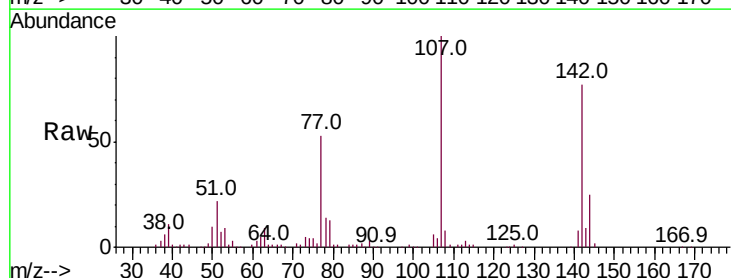
Tgt Ion:107 Resp: 148790

Ion Ratio Lower Upper

107 100

144 24.6 20.0 30.0

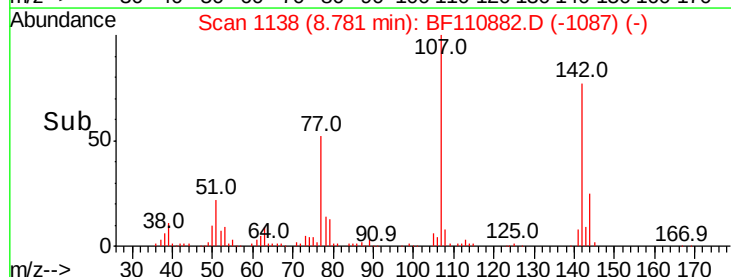
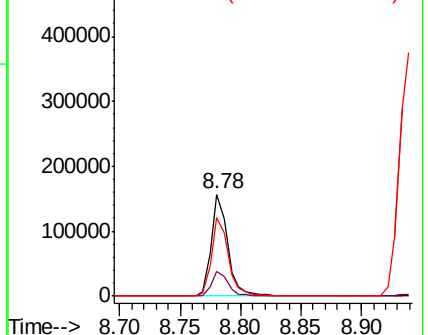
142 77.3 59.7 89.5

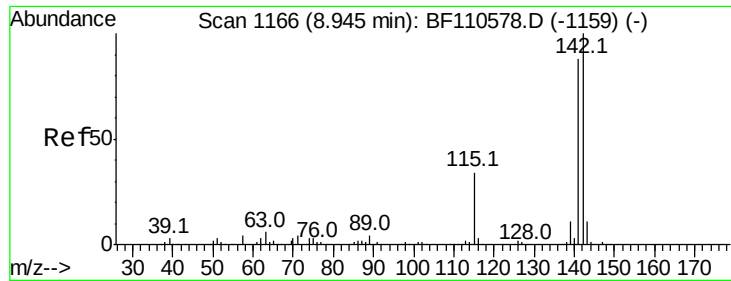


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





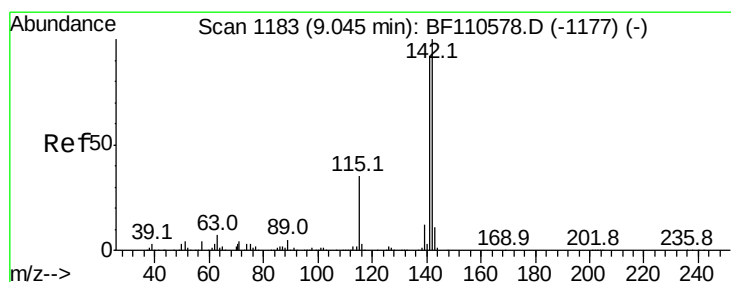
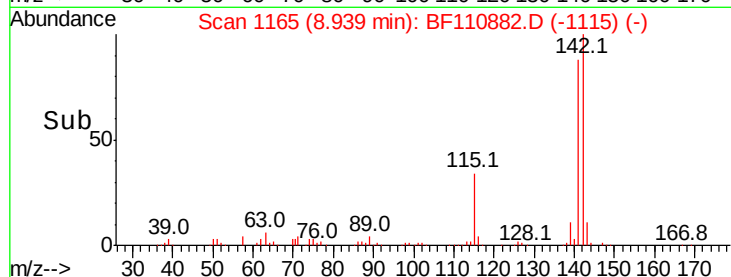
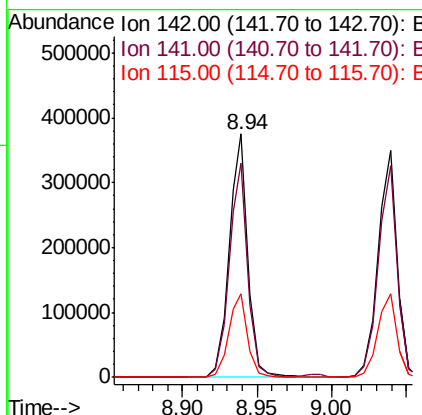
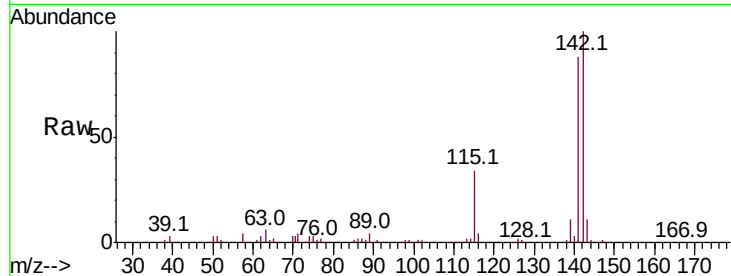
#37
2-Methylnaphthalene
Concen: 46.594 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Instrument :
BNA_F
ClientSampleId :
PB114909BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.4	107.2
115	34.3	28.7	43.1

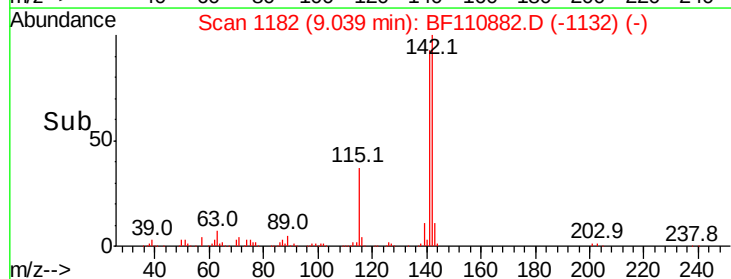
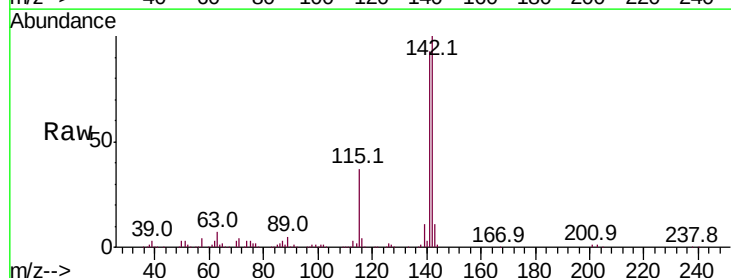
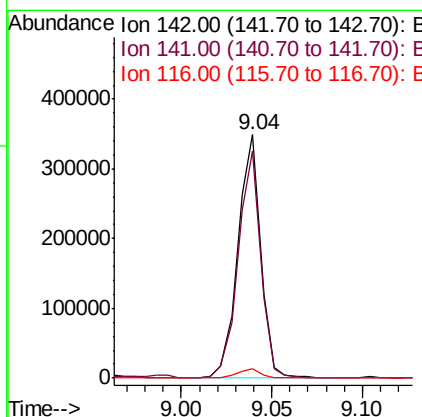
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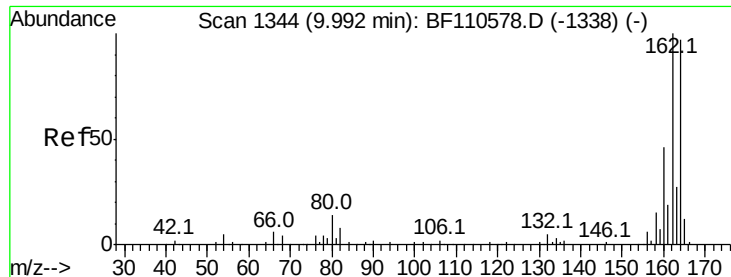
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11/20/2018 11:07:55 AM



#38
1-Methylnaphthalene
Concen: 44.546 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.2	111.4
116	3.7	2.6	4.0





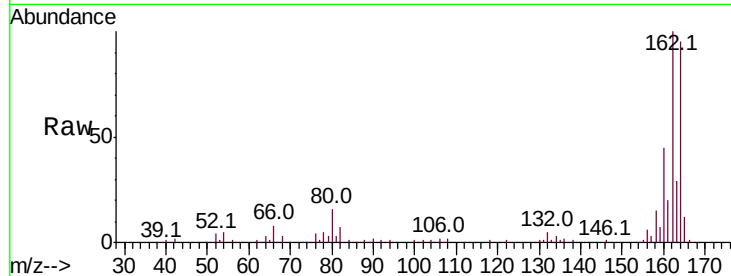
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Instrument :
BNA_F
ClientSampleId :
PB114909BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.0	124.6
160	47.1	37.0	55.6

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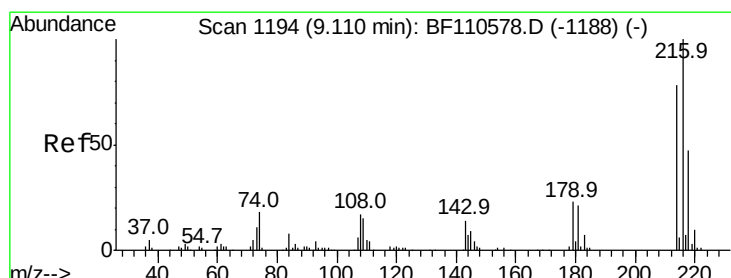
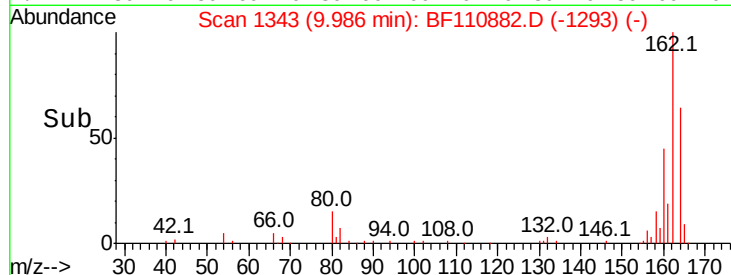
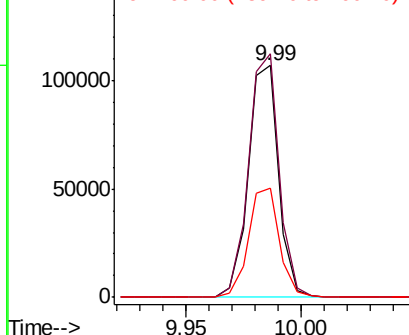


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.844 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.8	95.6
179	22.6	16.6	25.0
108	17.3	15.1	22.7

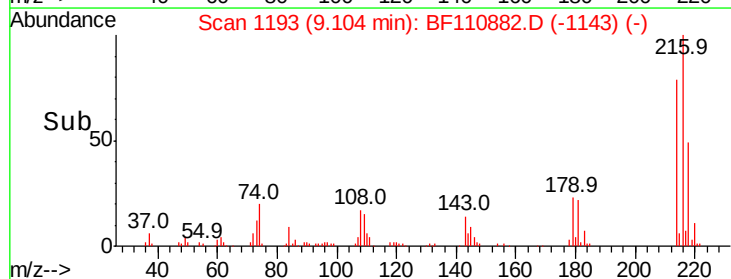
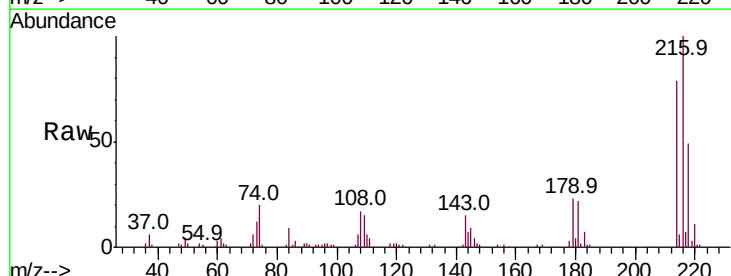
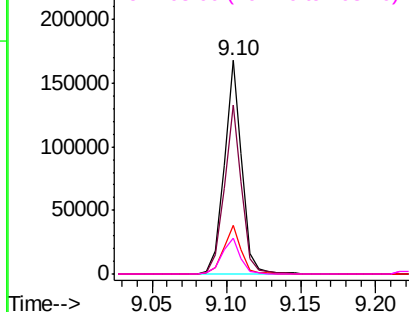
Abundance

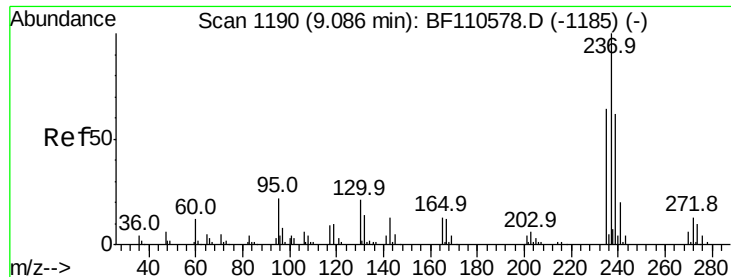
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





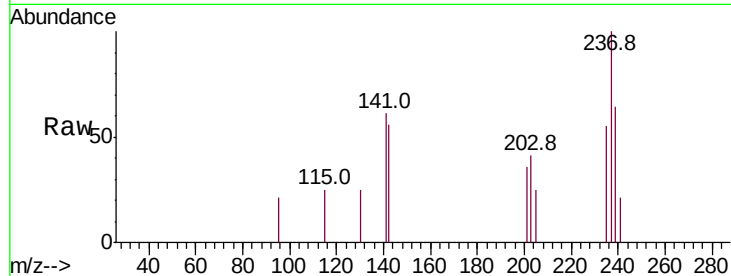
#41
Hexachlorocyclopentadiene
Concen: 8.356 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Instrument :
BNA_F
ClientSampleId :
PB114909BS

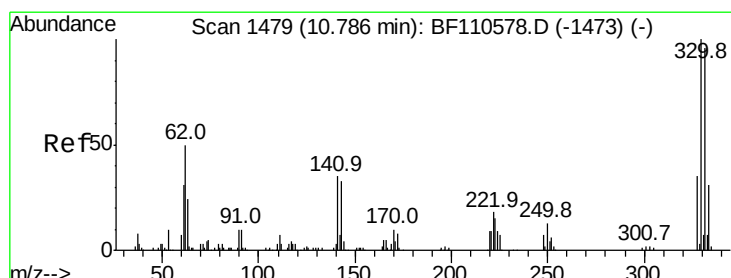
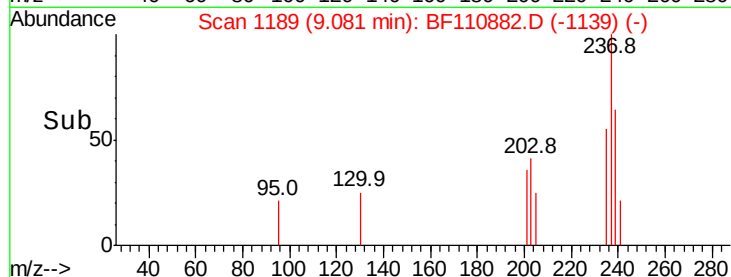
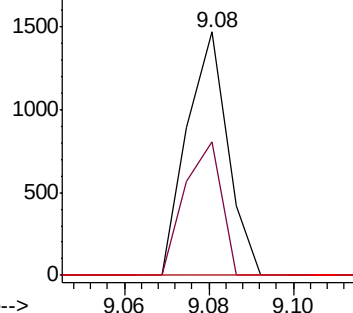
Tot Ion:	237	Resp:	982
Ion Ratio	Lower	Upper	
237	100		
235	55.0	43.1	83.1
272	0.0	0.0	32.6

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11/20/2018 11:07:55 AM



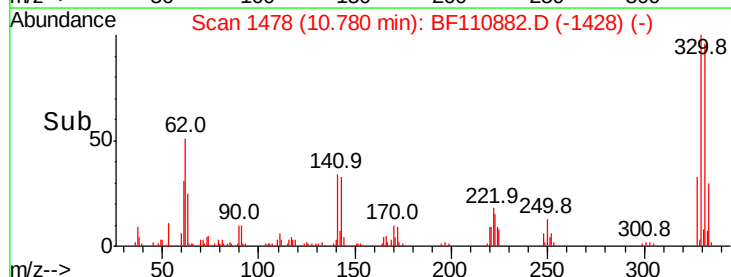
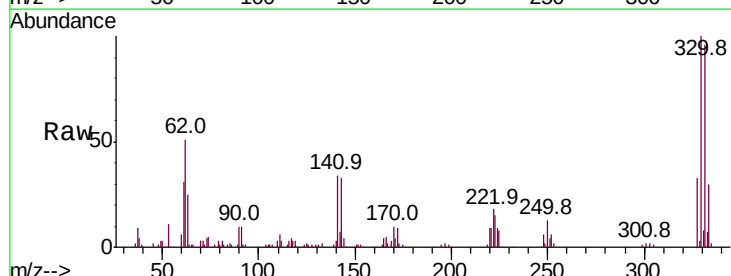
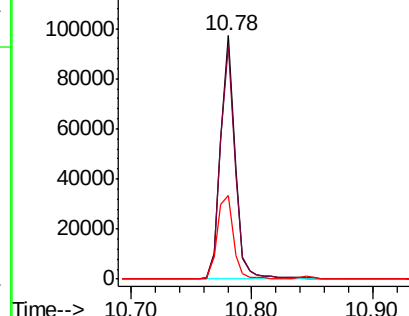
Abundance Ion 236.80 (236.50 to 237.50): E
2000
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

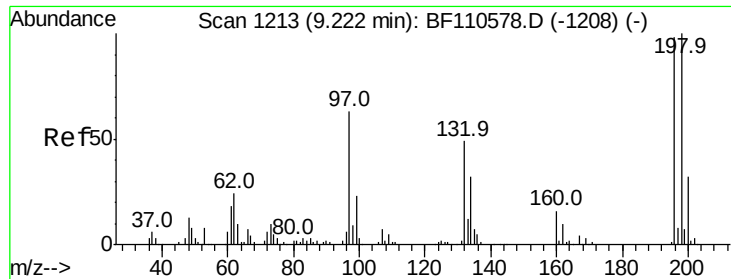


#42
2,4,6-Tribromophenol
Concen: 81.210 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Tgt Ion:	330	Resp:	80344
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.1	115.7
141	37.9	27.0	40.4

Abundance Ion 329.80 (329.50 to 330.50): E
120000
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





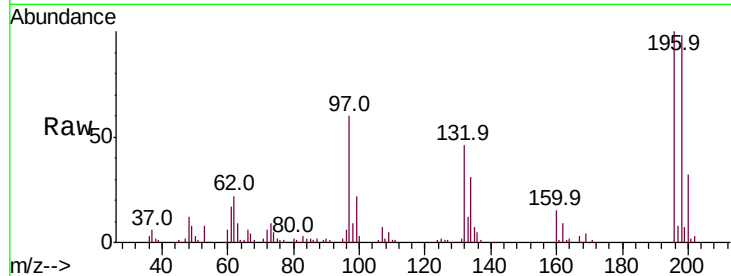
#43
 2,4,6-Trichlorophenol
 Concen: 45.581 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF110882.D
 Acq: 20 Nov 2018 5:17

Instrument :
 BNA_F
 ClientSampled :
 PB114909BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	89020		
198	98.5	76.2	114.4	
200	32.4	24.4	36.6	

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 11/20/2018 11:07:55 AM

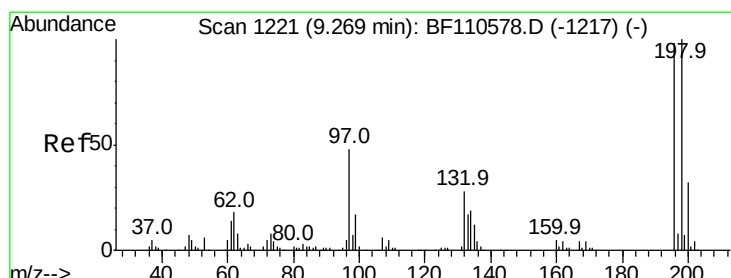
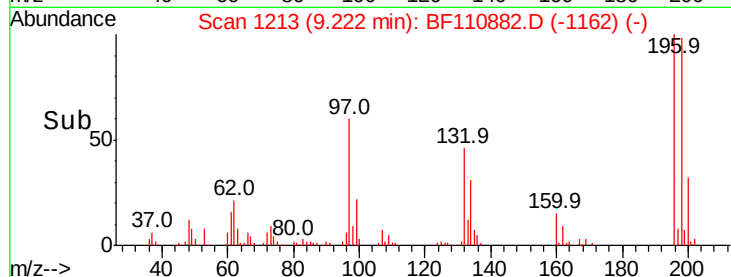
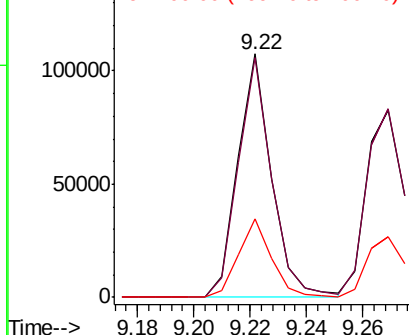


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 43.841 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF110882.D
 Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	91333		
198	101.2	75.8	113.6	
97	53.1	42.4	63.6	
132	29.9	22.8	34.2	

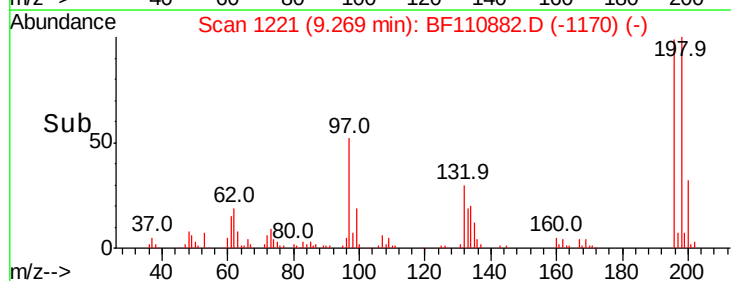
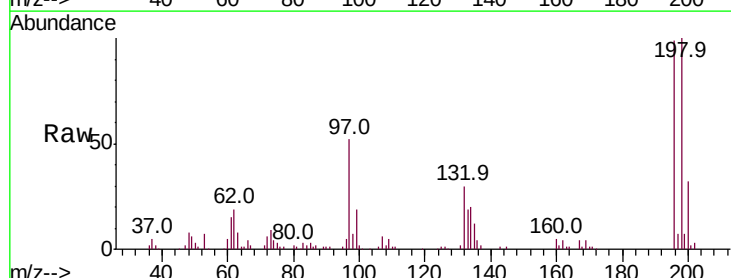
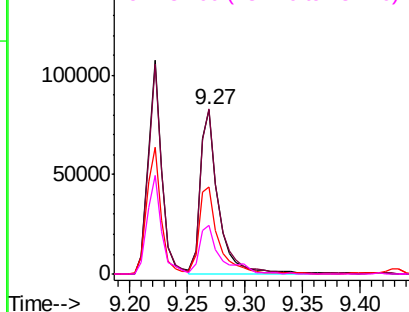
Abundance

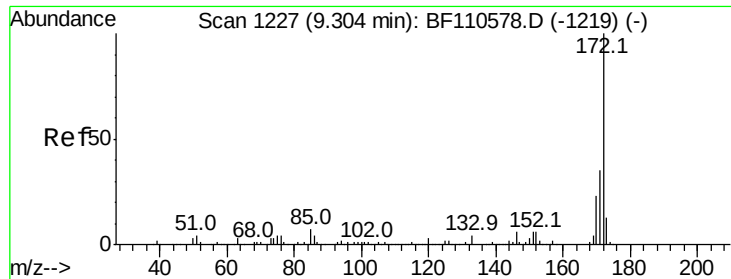
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





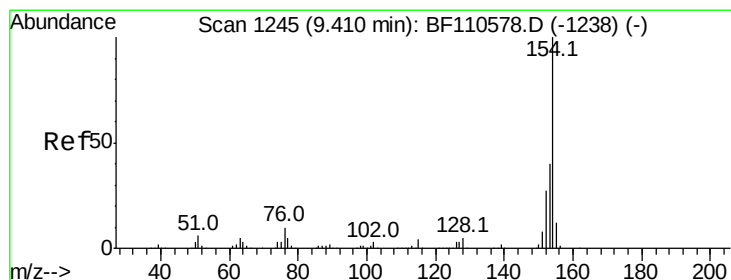
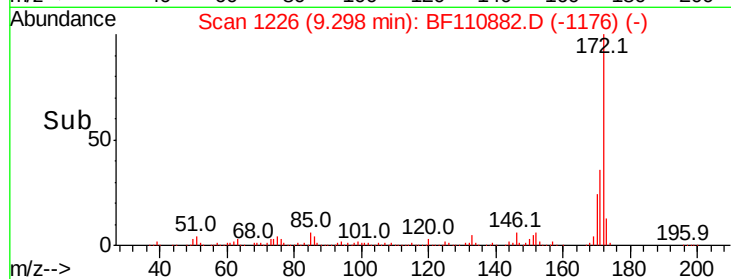
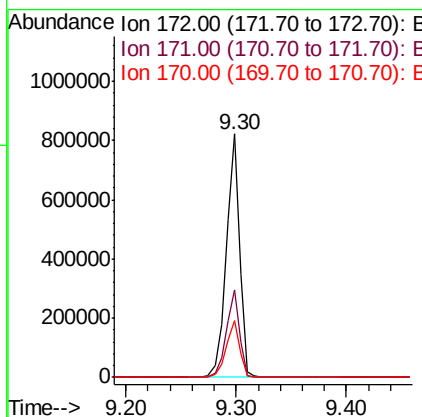
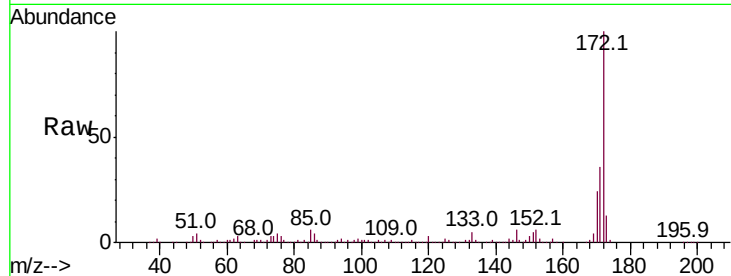
#45
2-Fluorobiphenyl
Concen: 100.915 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Instrument :
BNA_F
ClientSampleID :
PB114909BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	693773		
171	36.2		28.6	43.0
170	23.6		19.7	29.5

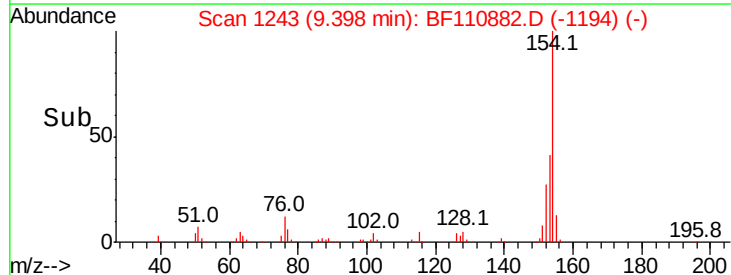
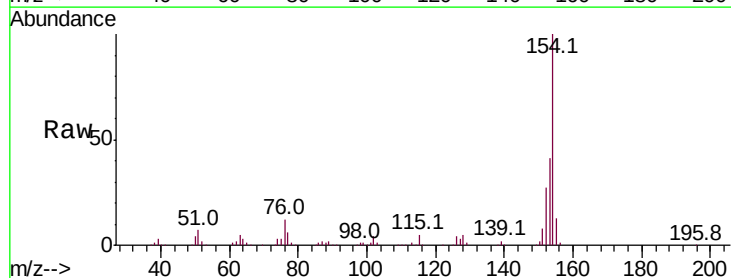
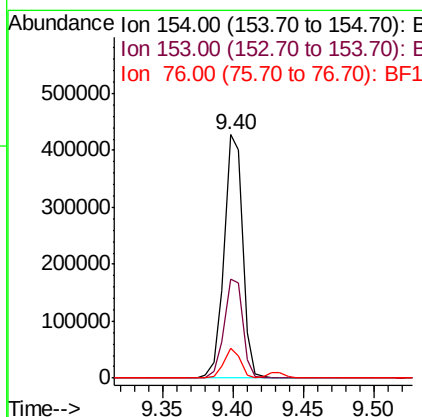
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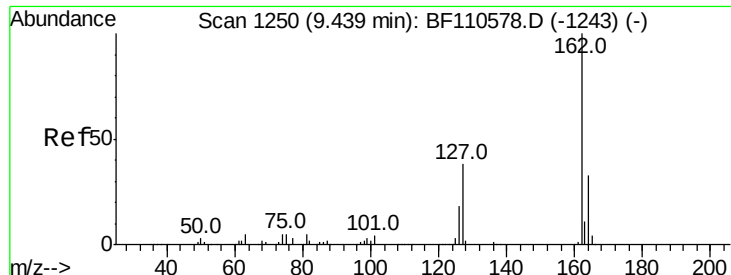
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11/20/2018 11:07:55 AM



#46
1,1'-Biphenyl
Concen: 42.877 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	392721		
153	40.8		20.4	60.4
76	12.0		0.0	31.9





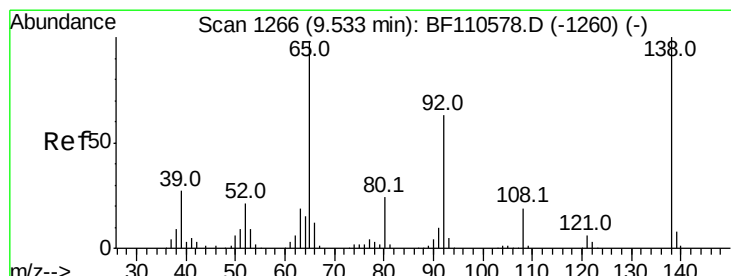
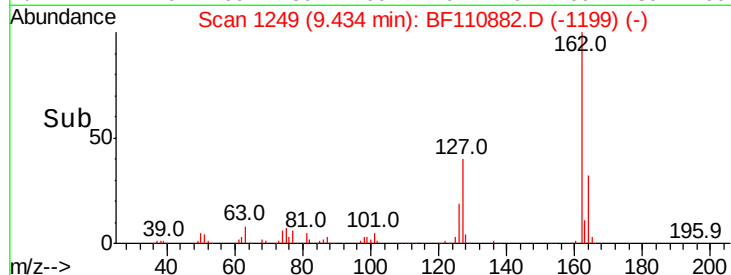
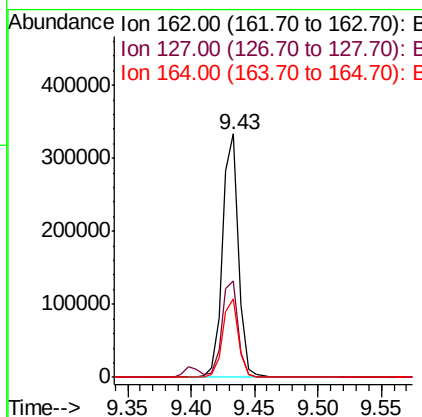
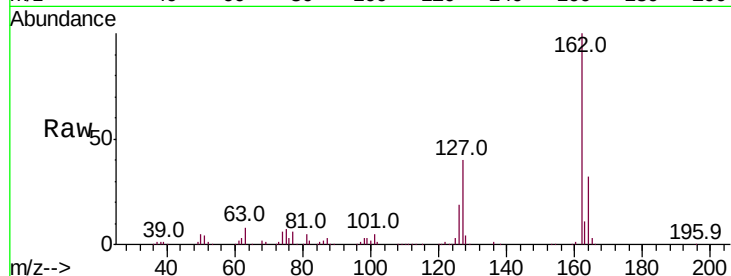
#47
 2-Chloronaphthalene
 Concen: 44.451 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF110882.D
 Acq: 20 Nov 2018 5:17

Instrument :
 BNA_F
 ClientSampleId :
 PB114909BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	293317		
127	39.8	32.6	48.8	
164	32.2	25.9	38.9	

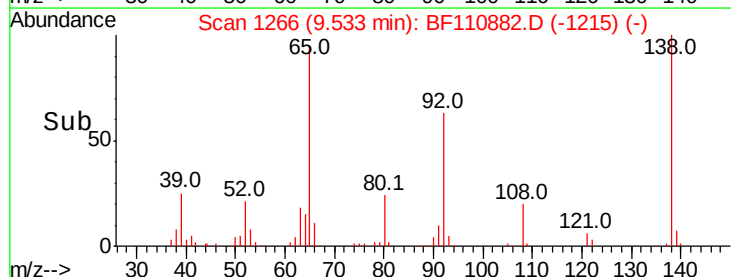
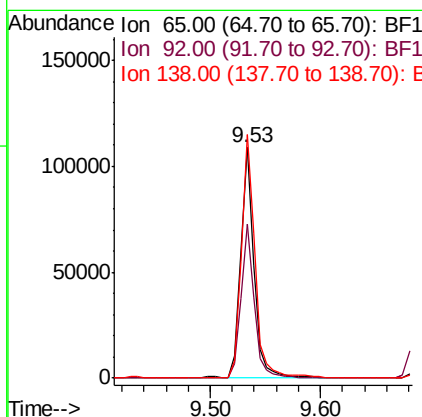
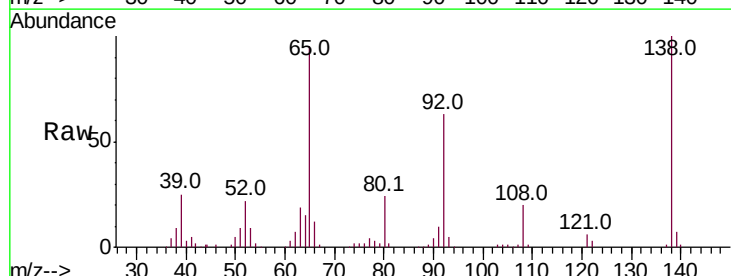
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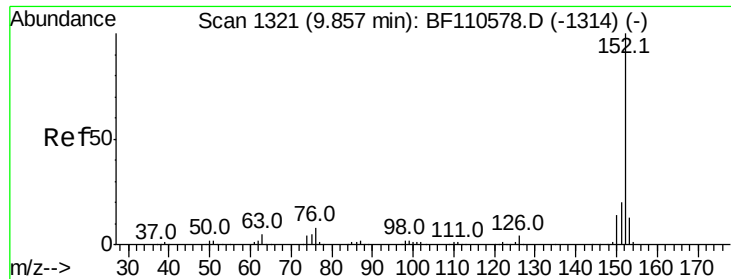
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#48
 2-Nitroaniline
 Concen: 45.928 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF110882.D
 Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	93392		
92	67.0	54.6	81.8	
138	105.8	80.3	120.5	





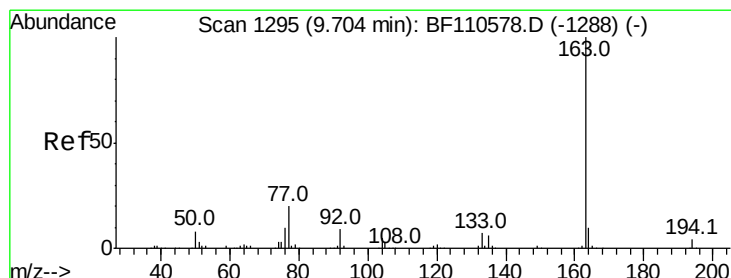
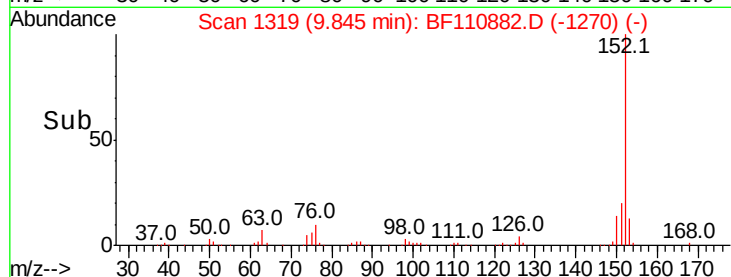
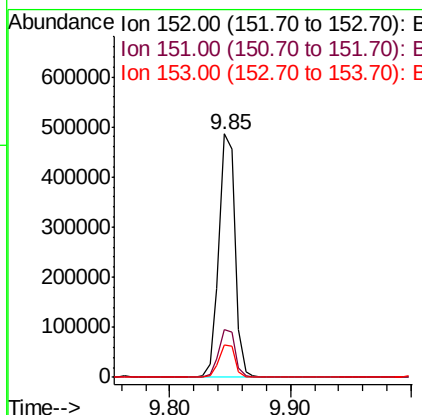
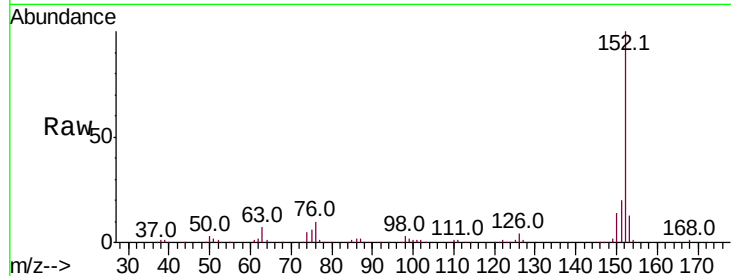
#49
Acenaphthylene
Concen: 46.839 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Instrument :
BNA_F
ClientSampleId :
PB114909BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	445112		
151	19.9		15.8	23.8
153	13.5		10.4	15.6

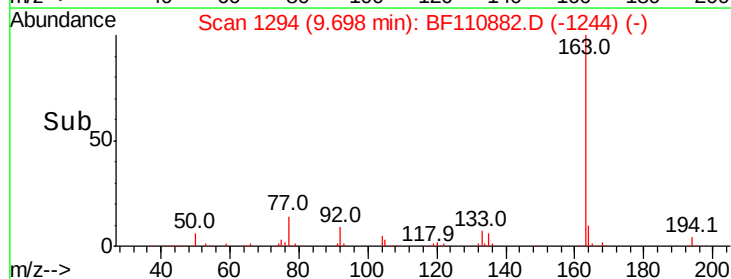
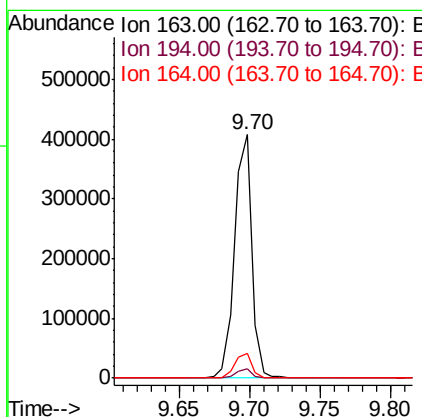
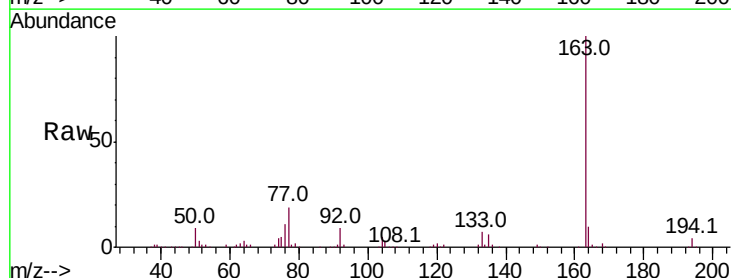
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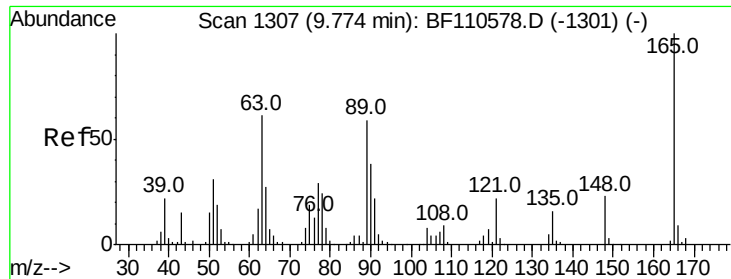
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11/20/2018 11:07:55 AM



#50
Dimethylphthalate
Concen: 47.485 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	347890		
194	3.8		3.2	4.8
164	9.9		8.1	12.1





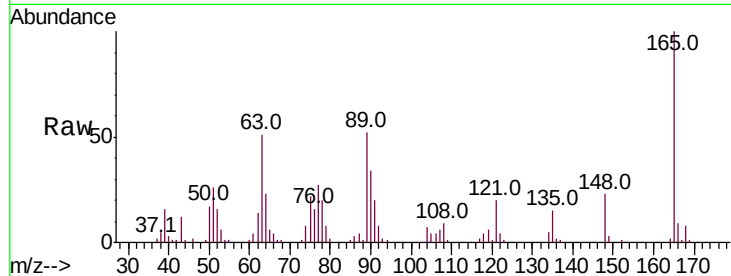
#51
2,6-Dinitrotoluene
Concen: 42.725 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Instrument :
BNA_F
ClientSampleId :
PB114909BS

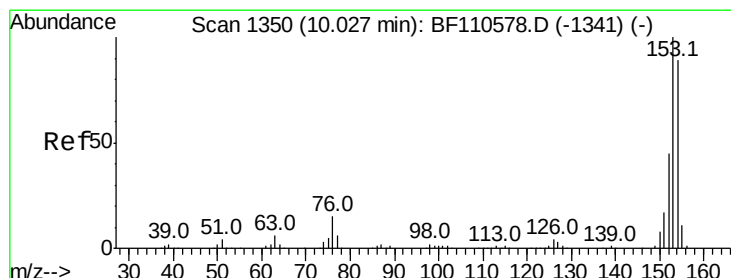
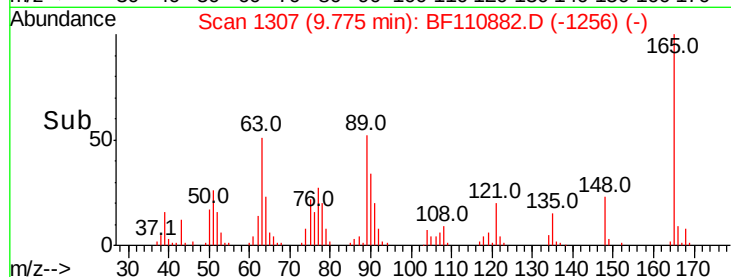
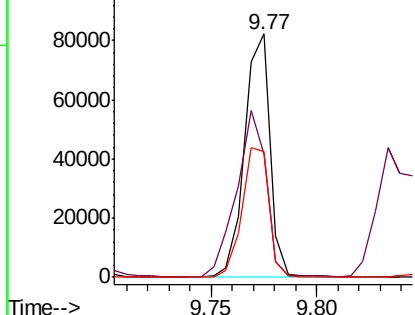
Tot Ion	Ratio	Lower	Upper
165	100		
63	50.6	48.9	73.3
89	51.6	46.6	69.8

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11/20/2018 11:07:55 AM

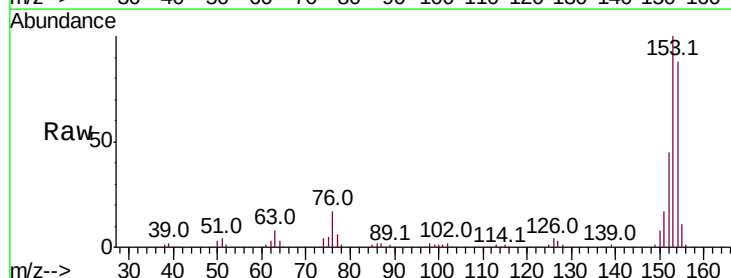


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

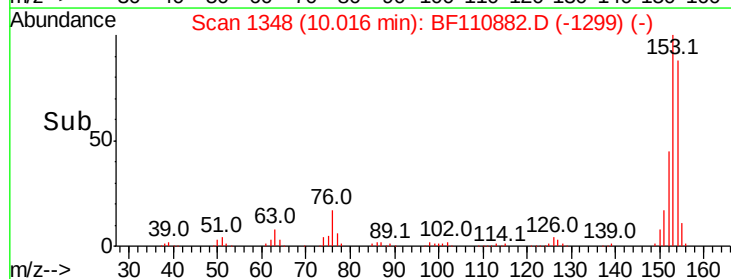
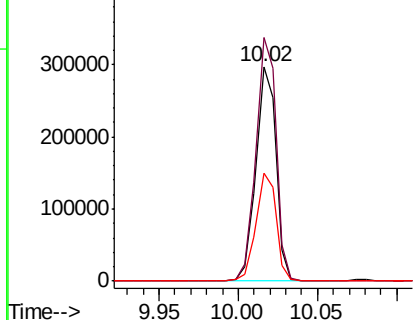


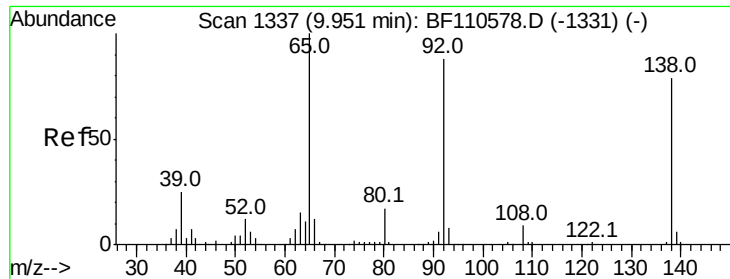
#52
Acenaphthene
Concen: 43.917 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.1	135.1
152	50.6	43.4	65.2



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





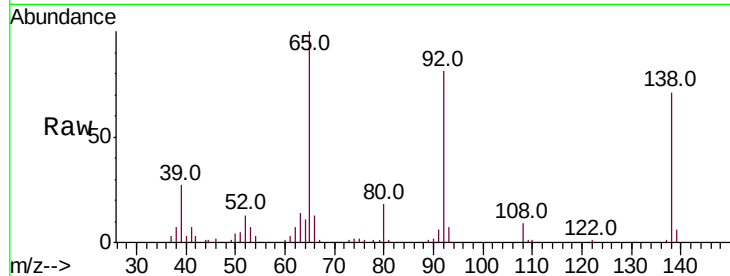
#53
3-Nitroaniline
Concen: 22.020 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Instrument :
BNA_F
ClientSampleId :
PB114909BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.6	8.7	13.1
92	113.7	97.0	145.4

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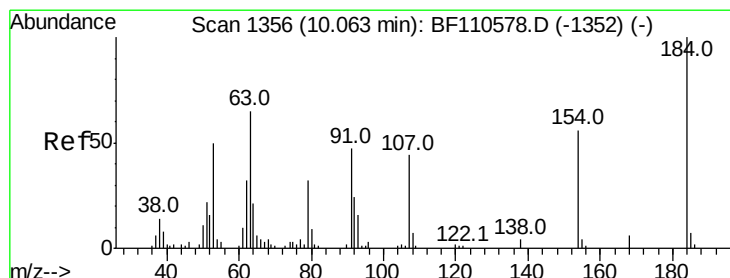
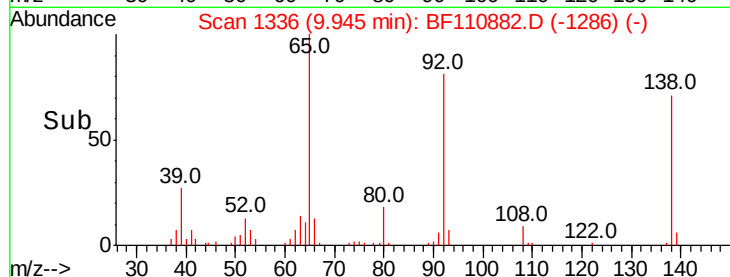
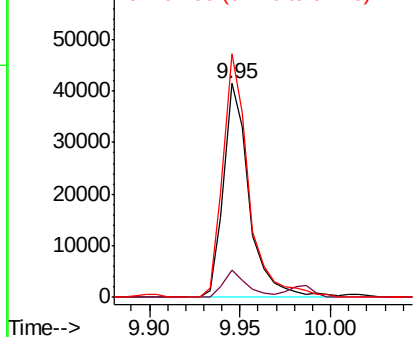


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 10.239 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

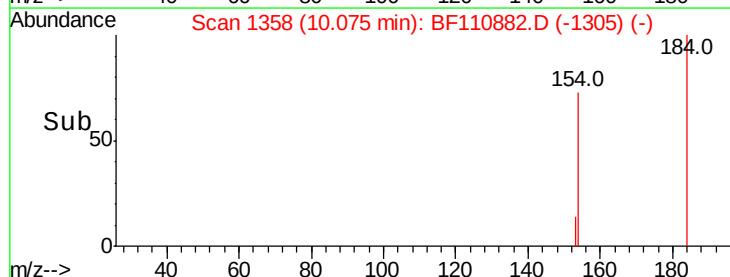
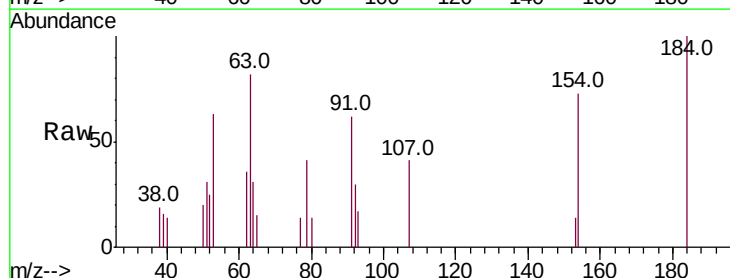
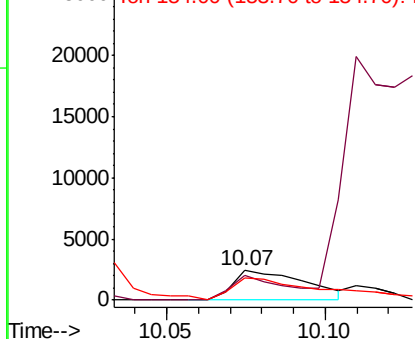
Tgt Ion	Ratio	Lower	Upper
184	100		
63	82.2	55.8	83.6
154	73.3	63.2	94.8

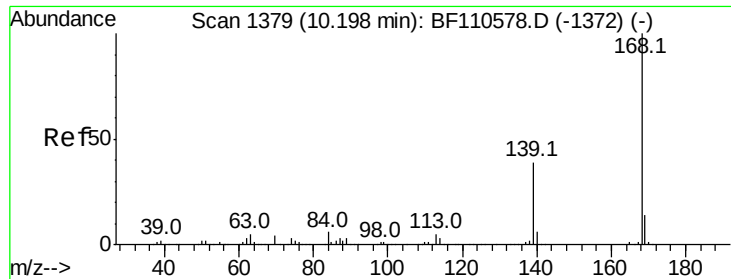
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





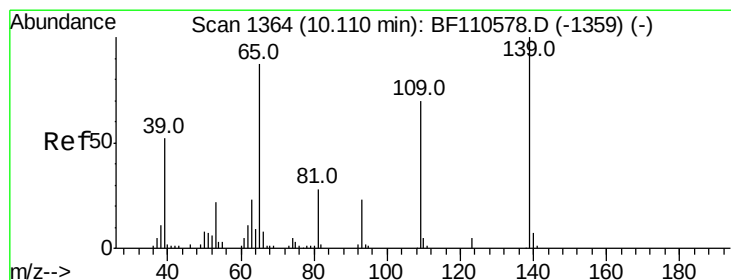
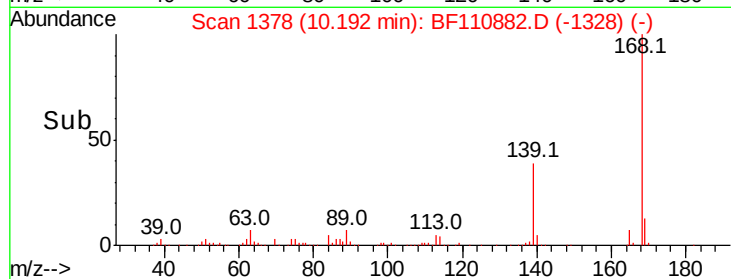
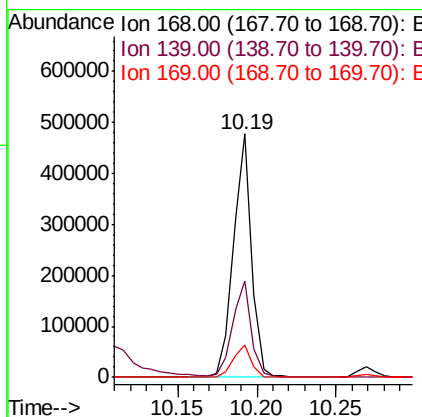
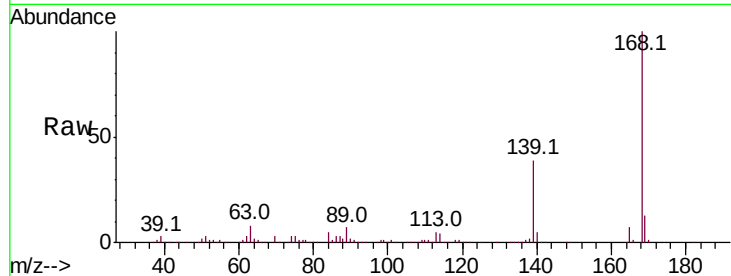
#55
Dibenzofuran
Concen: 43.046 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Instrument :
BNA_F
ClientSampleId :
PB114909BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	33.0	49.6
169	13.1	11.3	16.9

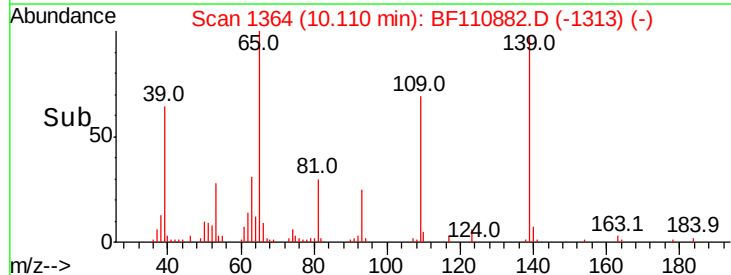
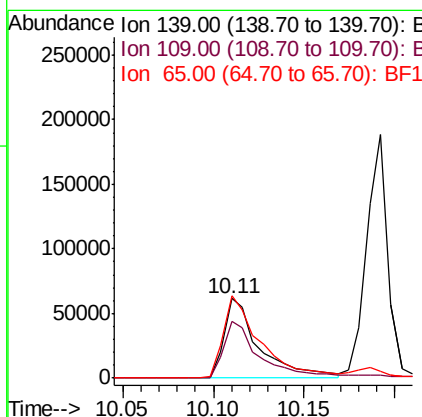
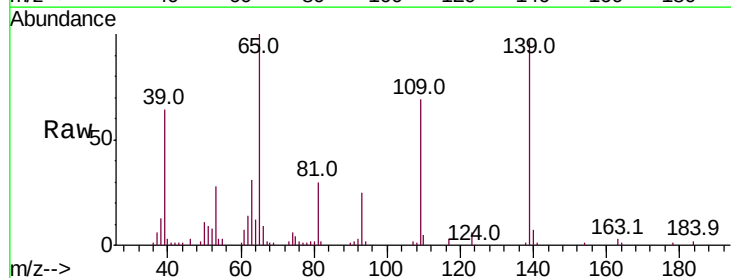
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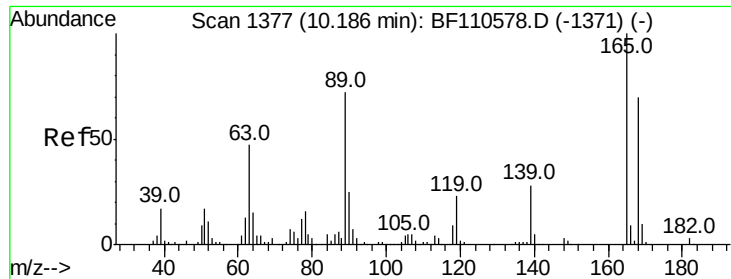
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11/20/2018 11:07:55 AM



#56
4-Nitrophenol
Concen: 67.354 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.6	55.8	95.8
65	103.5	77.9	117.9





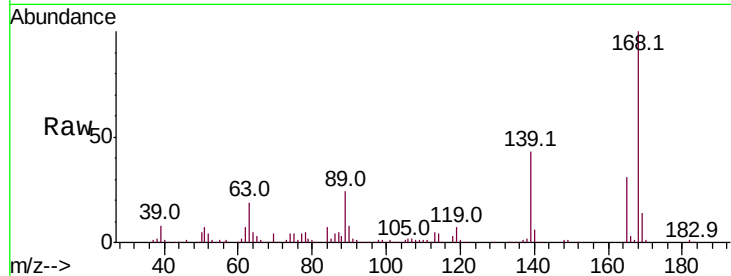
#57
2,4-Dinitrotoluene
Concen: 39.012 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Instrument :
BNA_F
ClientSampleId :
PB114909BS

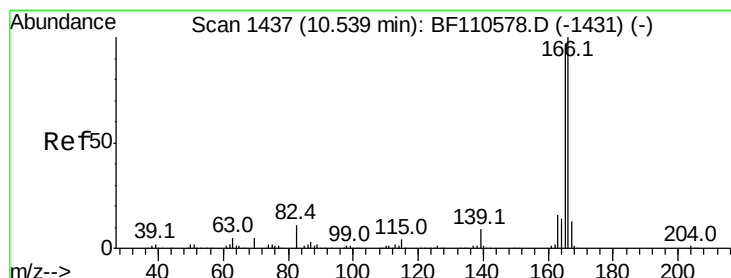
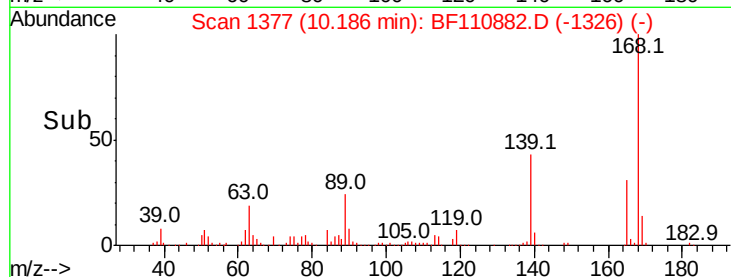
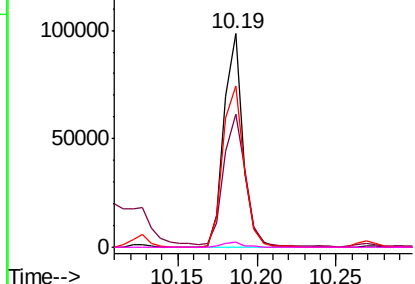
Tot Ion	Ratio	Resp	Lower	Upper
165	100	81750		
63	62.3	44.8	67.2	
89	75.8	62.2	93.4	
182	2.5	2.1	3.1	

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11/20/2018 11:07:55 AM

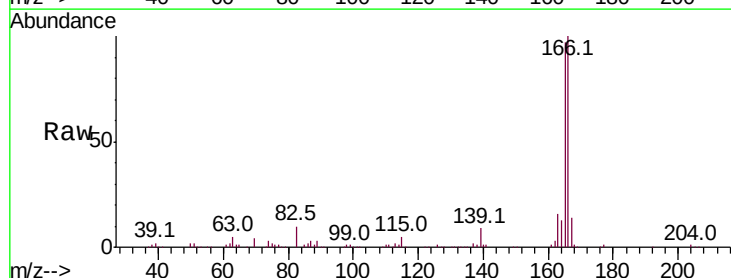


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

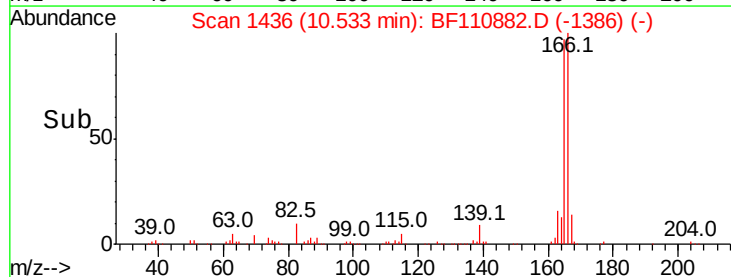
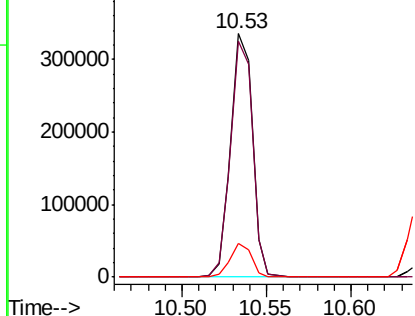


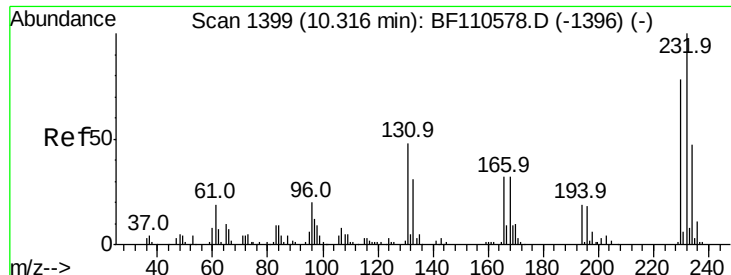
#58
Fluorene
Concen: 44.673 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	301493		
165	97.2	78.6	117.8	
167	13.8	10.8	16.2	



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





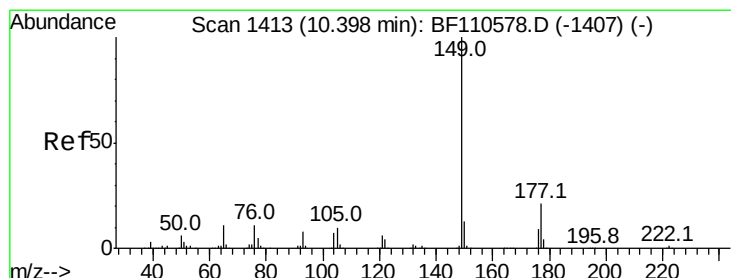
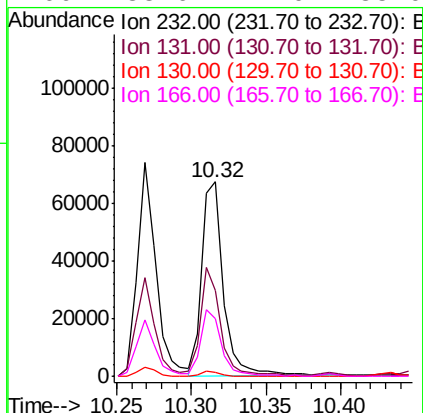
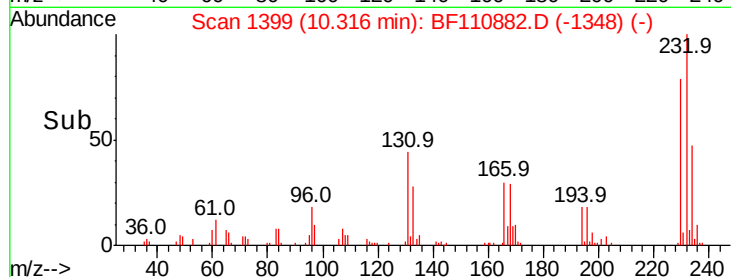
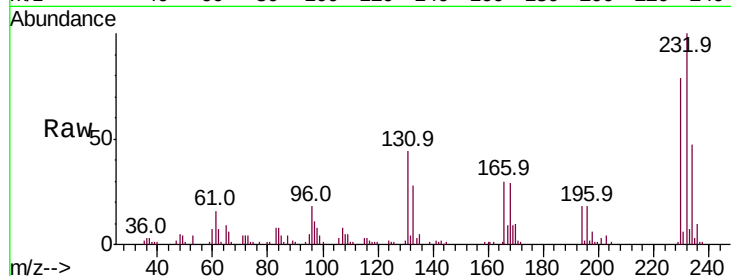
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.095 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF110882.D
 Acq: 20 Nov 2018 5:17

Instrument :
 BNA_F
 ClientSampleId :
 PB114909BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	52.5	37.0	55.4
130	2.1	1.8	2.6
166	33.6	22.0	33.0#

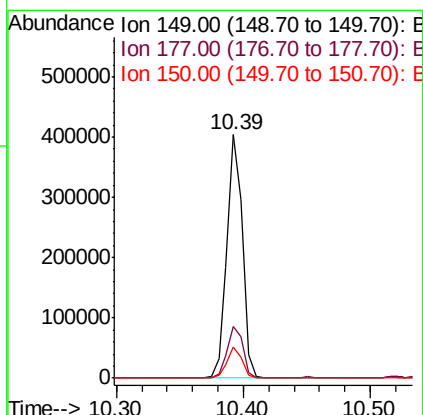
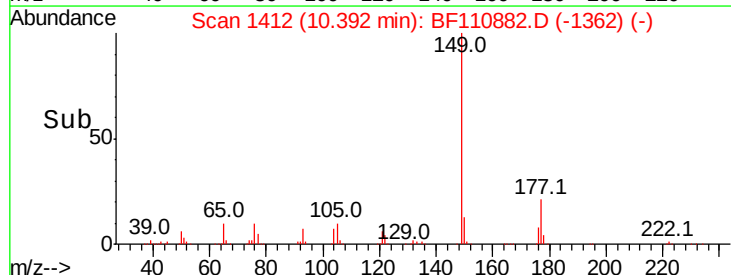
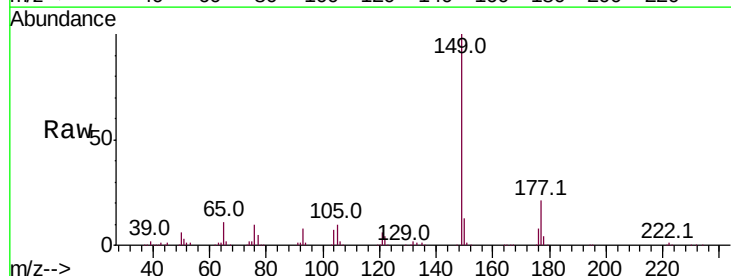
Manual Integrations
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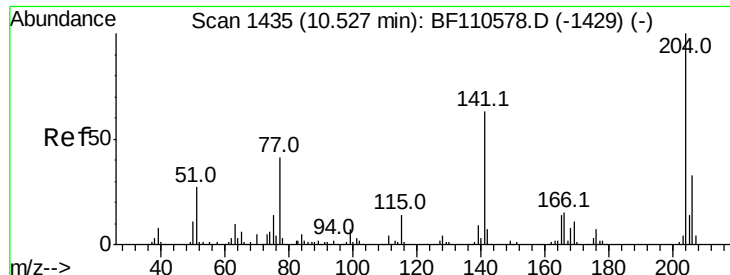
Sohil
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#60
 Diethylphthalate
 Concen: 47.091 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF110882.D
 Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.4	26.2
150	12.6	9.8	14.8





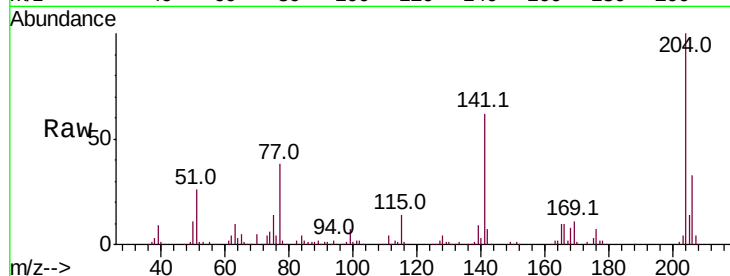
#61
4-Chlorophenyl-phenylether
Concen: 42.541 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Instrument :
BNA_F
ClientSampled :
PB114909BS

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	33.2	26.5	39.7
141	62.0	51.8	77.8

Manual Integrations
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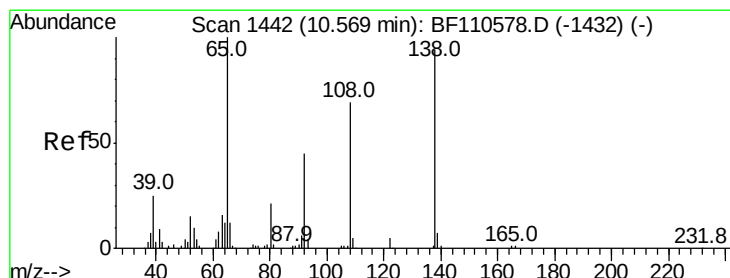
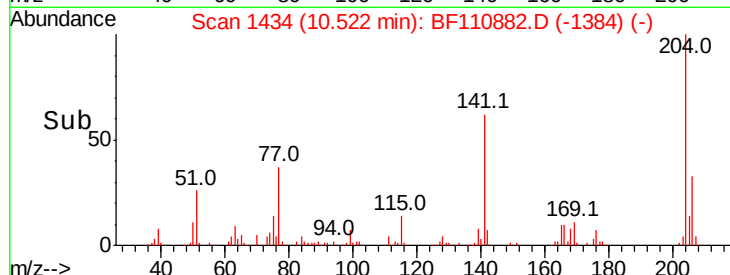
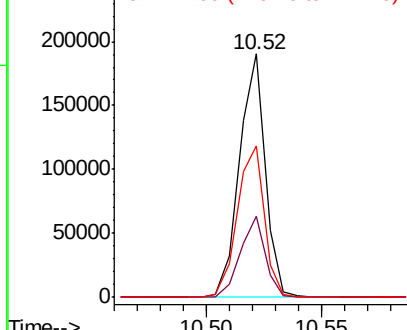


Abundance

Ion 204.00 (203.70 to 204.70): E

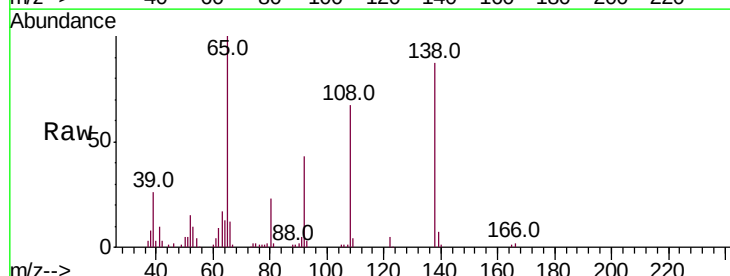
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 31.525 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	48.9	31.7	71.7
108	77.3	59.3	99.3

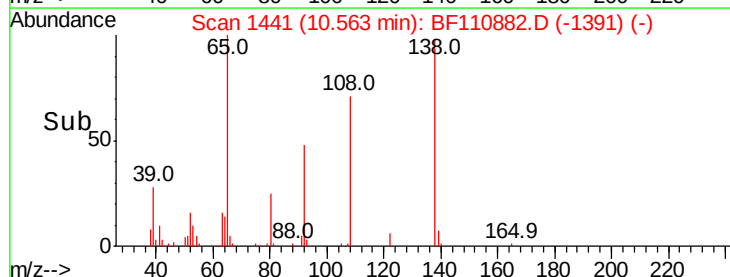
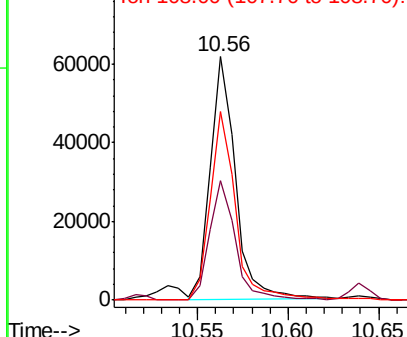


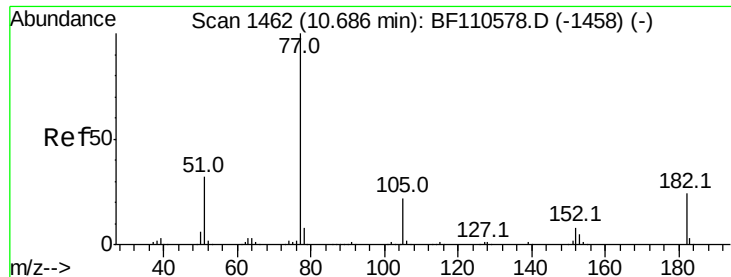
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





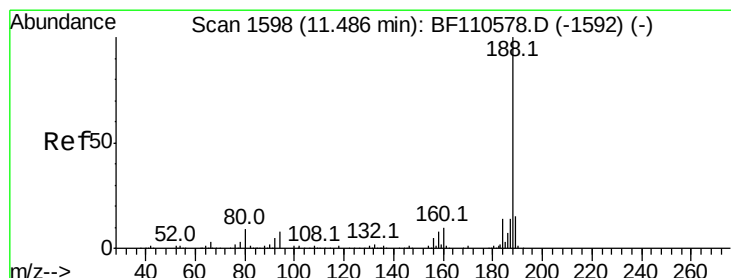
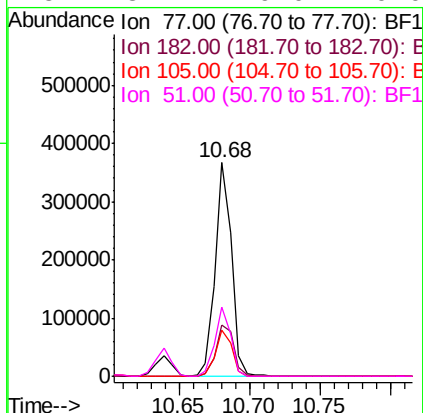
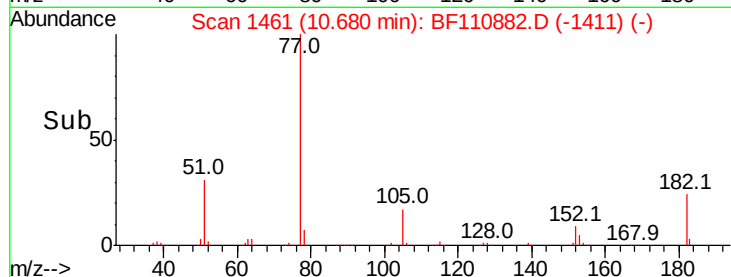
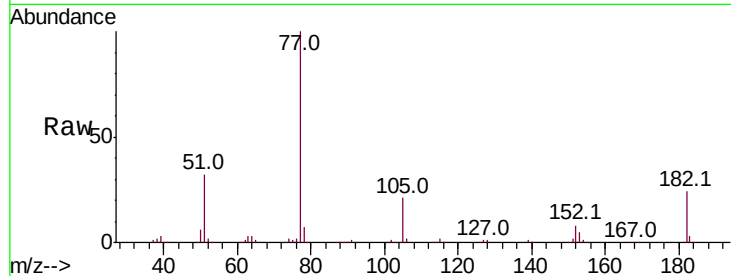
#63
Azobenzene
Concen: 41.641 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Instrument :
BNA_F
ClientSampleId :
PB114909BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.7	4.3	44.3
105	21.3	1.3	41.3
51	32.2	9.0	49.0

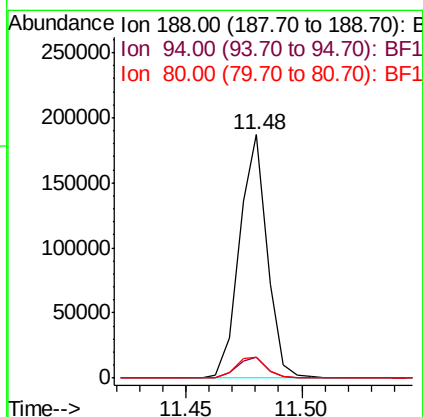
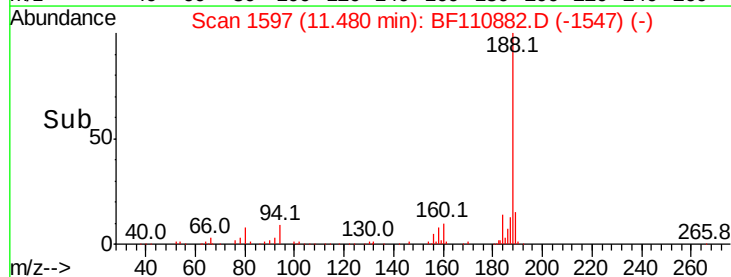
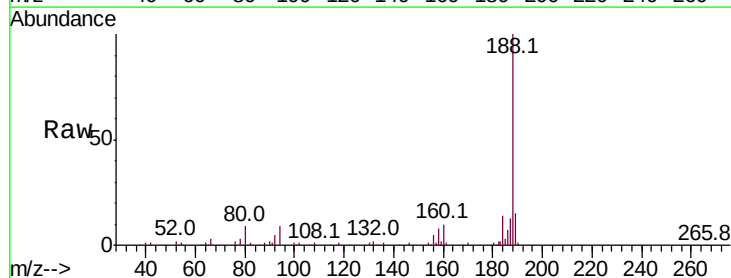
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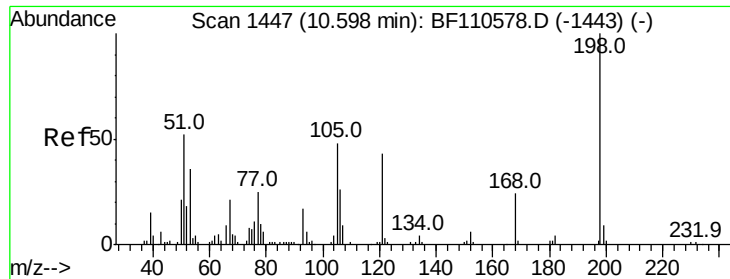
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	8.8	7.9	11.9





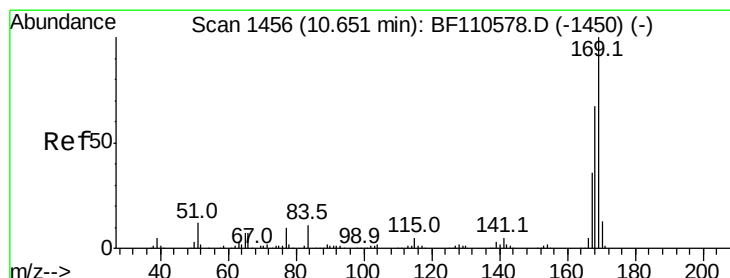
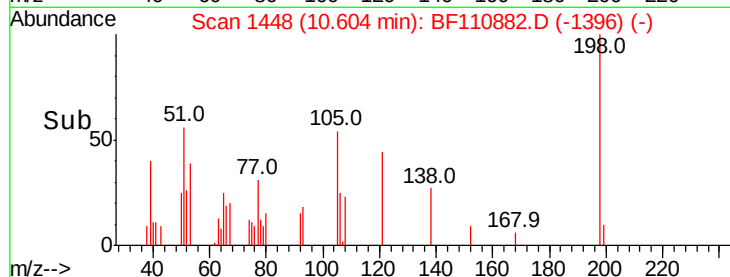
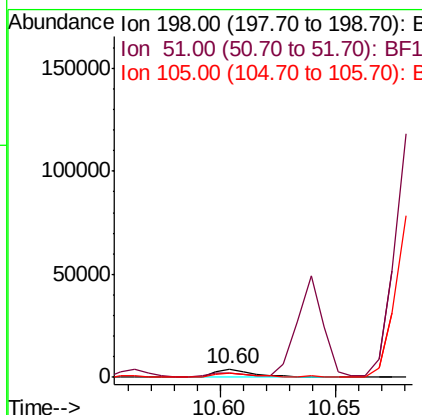
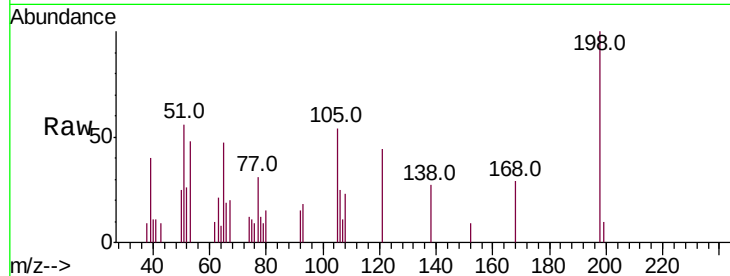
#65
4,6-Dinitro-2-methylphenol
Concen: 5.590 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Instrument :
BNA_F
ClientSampleId :
PB114909BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	55.6	22.8	62.8
105	54.0	23.6	63.6

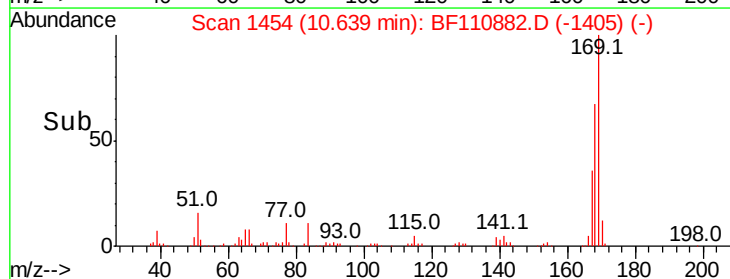
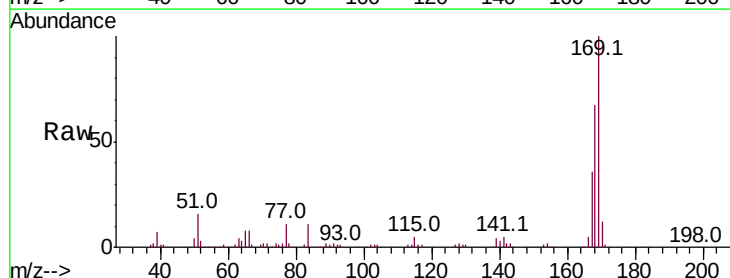
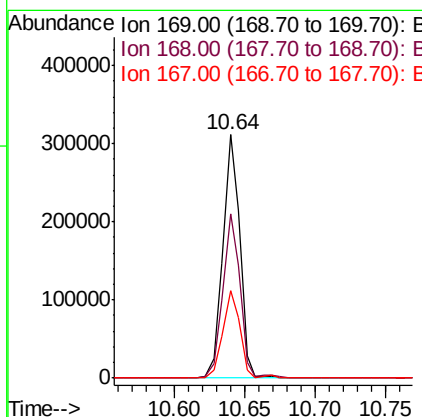
Manual Integrations
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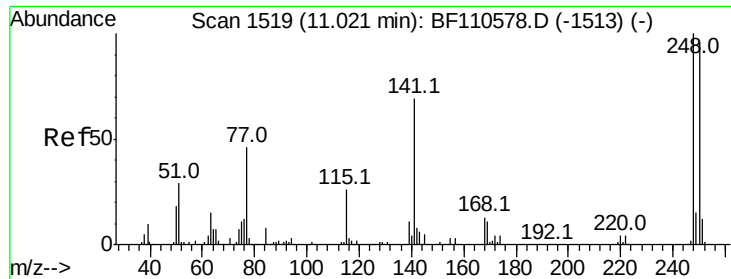
Sohil
11/20/2018 11:07:55 AM



#66
n-Nitrosodiphenylamine
Concen: 49.366 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	51.2	76.8
167	35.9	27.8	41.6





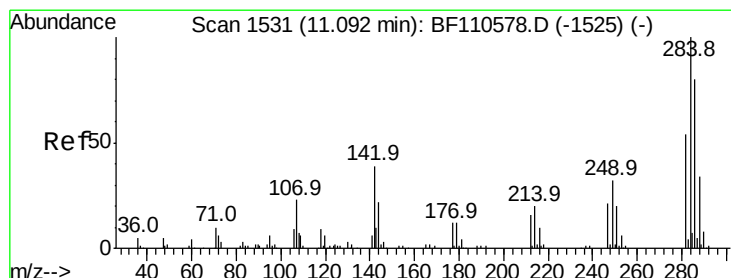
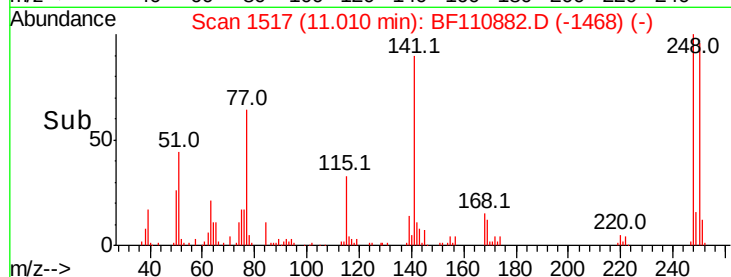
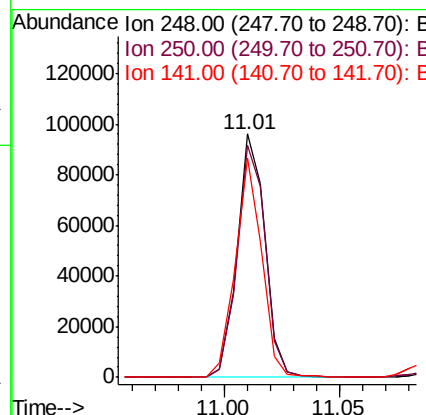
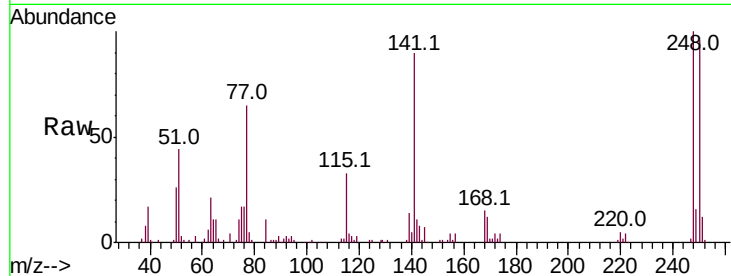
#67
 4-Bromophenyl-phenylether
 Concen: 46.642 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF110882.D
 Acq: 20 Nov 2018 5:17

Instrument :
 BNA_F
 ClientSampleId :
 PB114909BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	79.4	119.2
141	90.0	55.9	83.9#

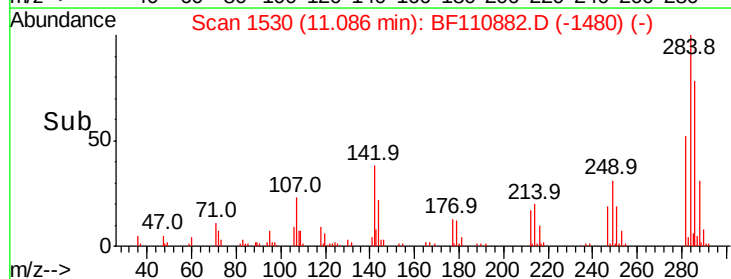
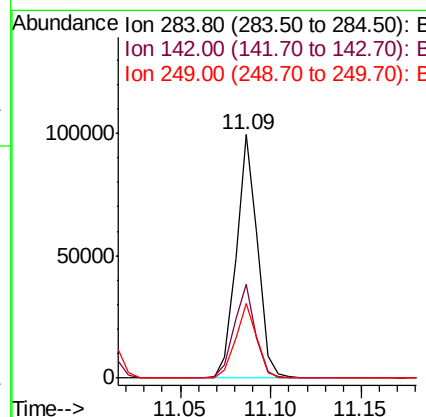
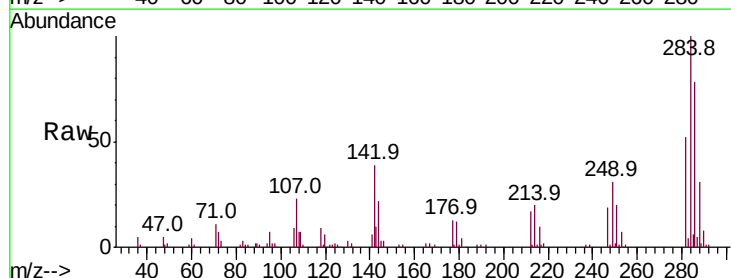
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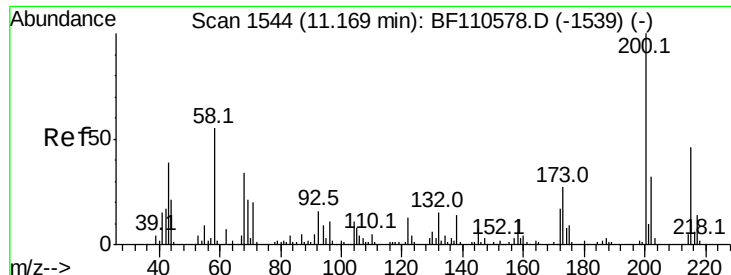
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 11/20/2018 11:07:55 AM



#68
 Hexachlorobenzene
 Concen: 44.448 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BF110882.D
 Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.7	23.9	35.9#
249	30.7	24.2	36.2





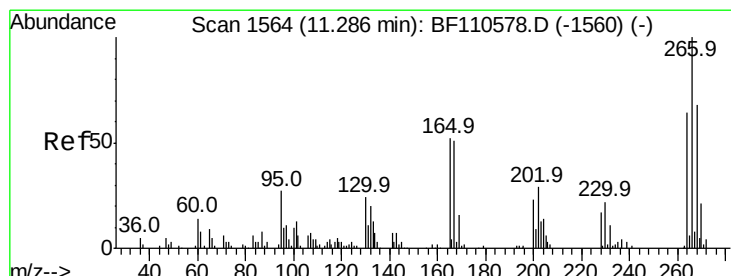
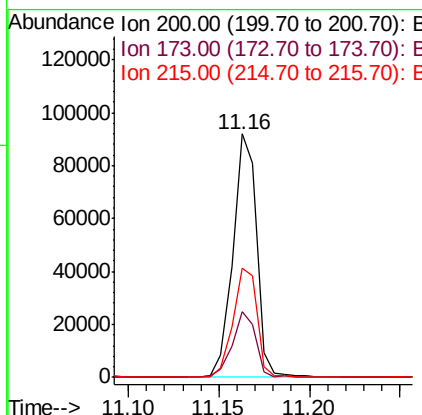
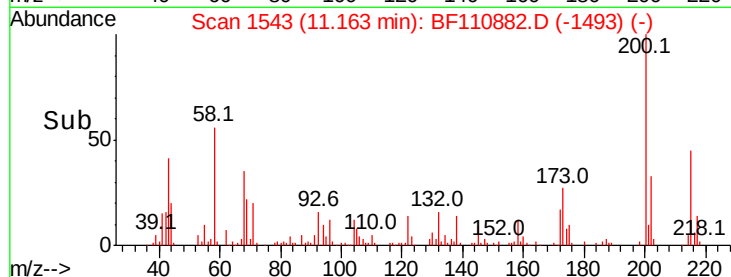
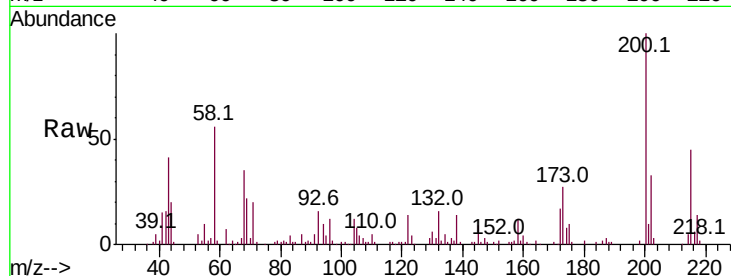
#69
Atrazine
Concen: 52.001 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Instrument :
BNA_F
ClientSampleId :
PB114909BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.0	6.6	46.6
215	44.8	26.3	66.3

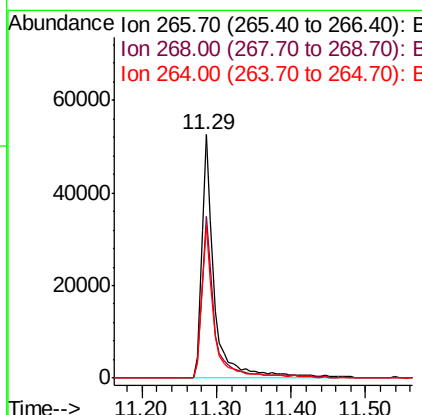
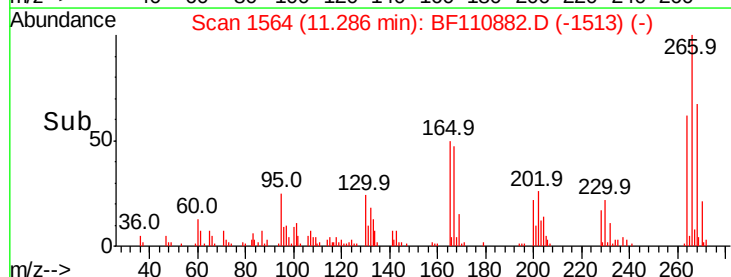
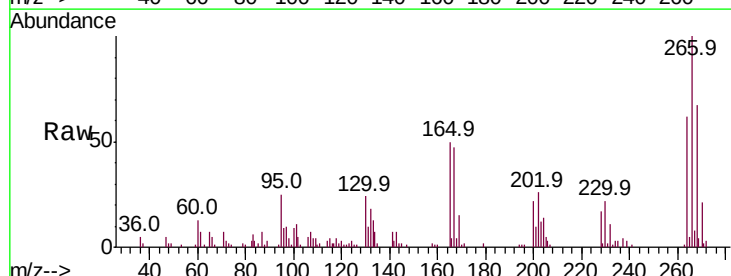
Manual Integrations
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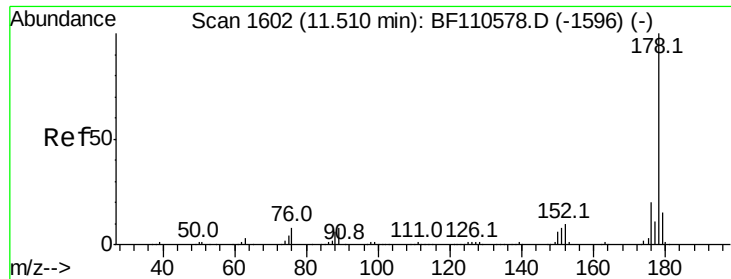
Sohil
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#70
Pentachlorophenol
Concen: 65.421 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.6	50.6	75.8
264	62.5	50.6	75.8





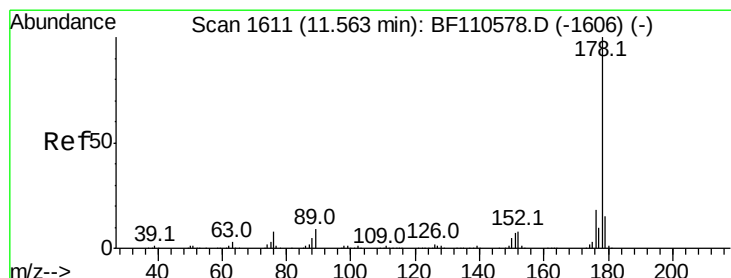
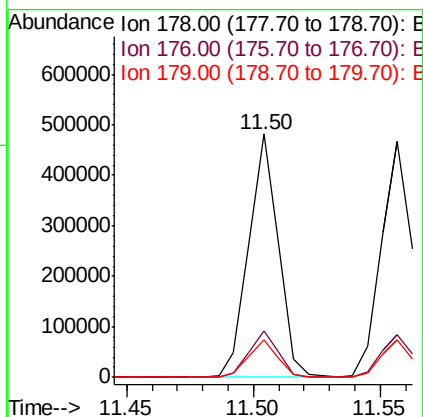
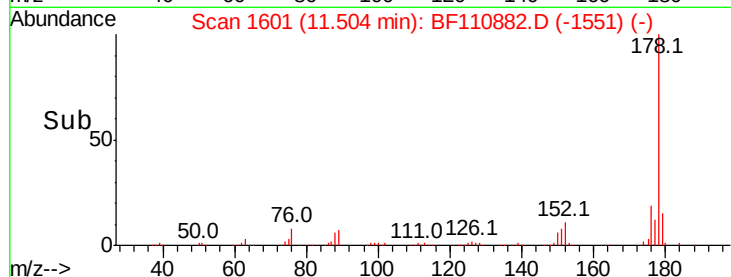
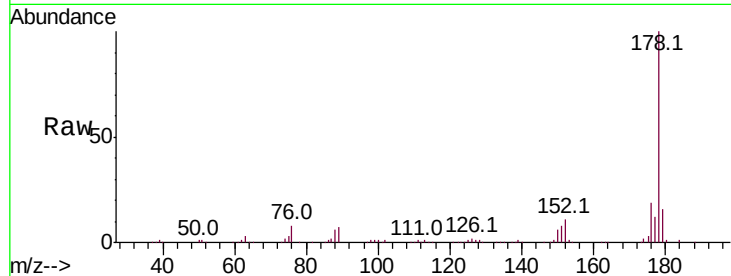
#71
Phenanthrene
Concen: 46.965 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Instrument :
BNA_F
ClientSampleId :
PB114909BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.7	12.5	18.7

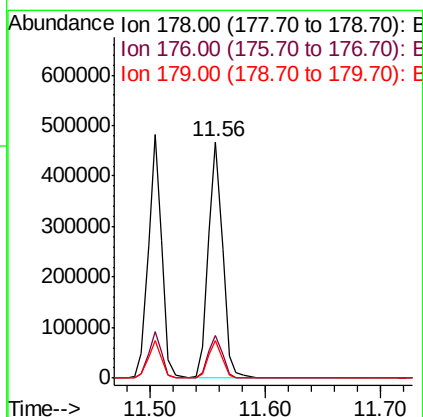
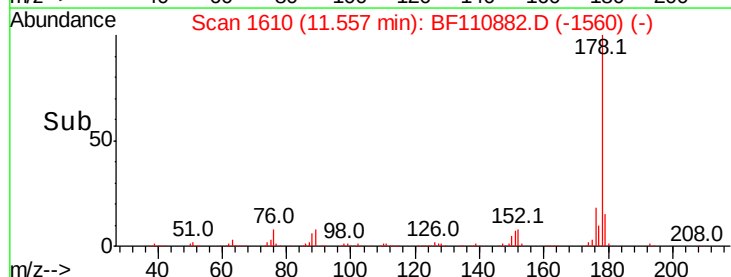
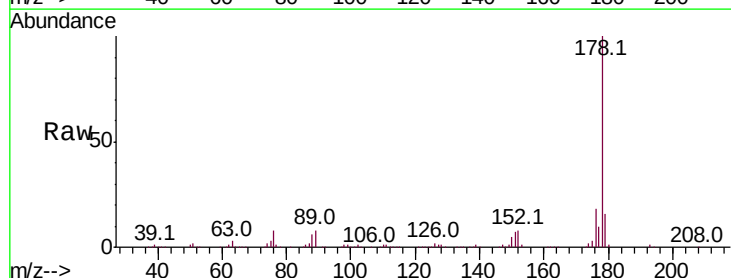
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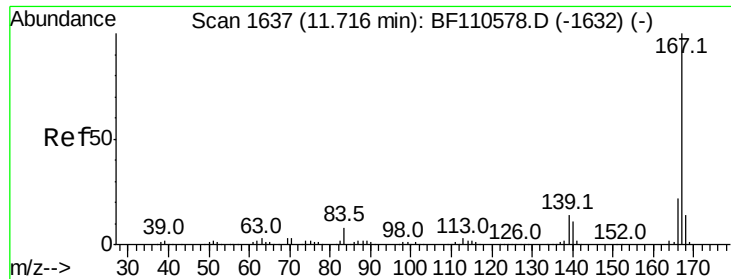
Sohil
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#72
Anthracene
Concen: 48.045 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.7	12.6	18.8





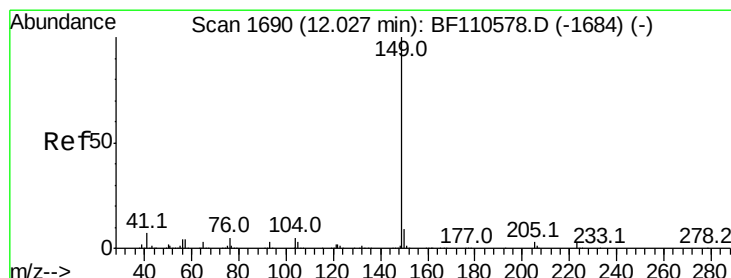
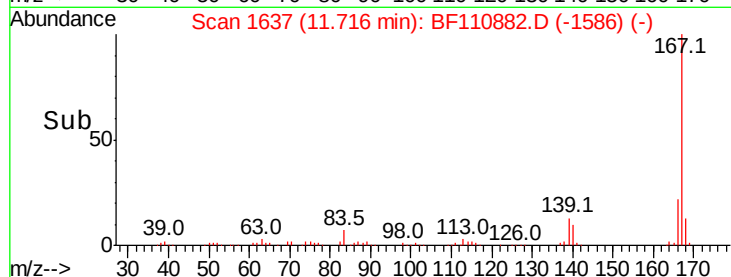
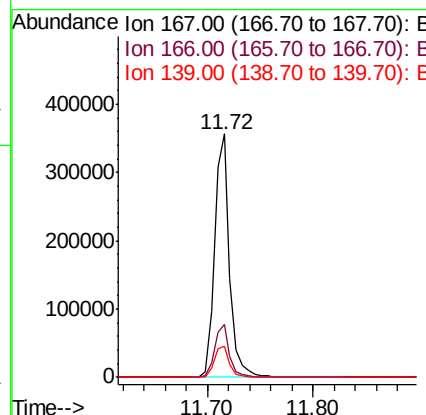
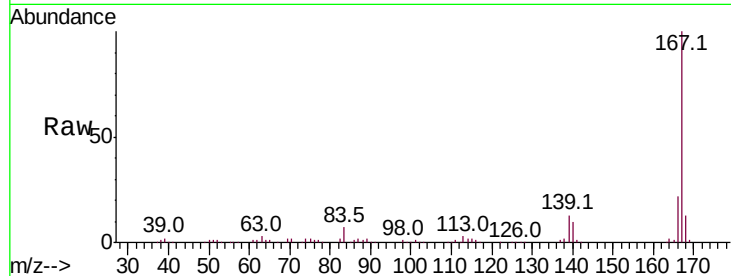
#73
 Carbazole
 Concen: 43.513 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110882.D
 Acq: 20 Nov 2018 5:17

Instrument :
 BNA_F
 ClientSampleId :
 PB114909BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	352945		
166	21.5		17.4	26.0
139	12.7		10.9	16.3

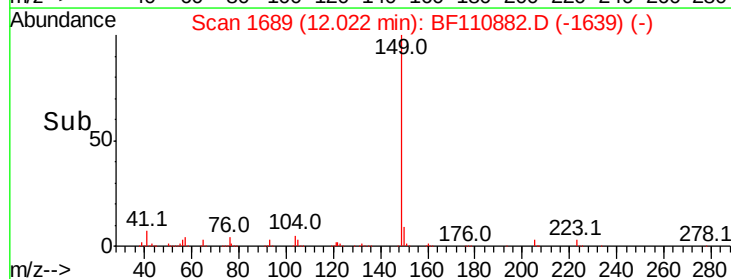
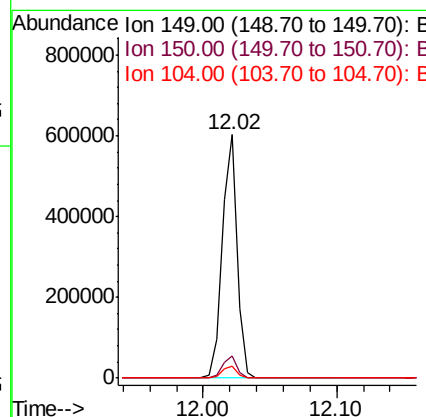
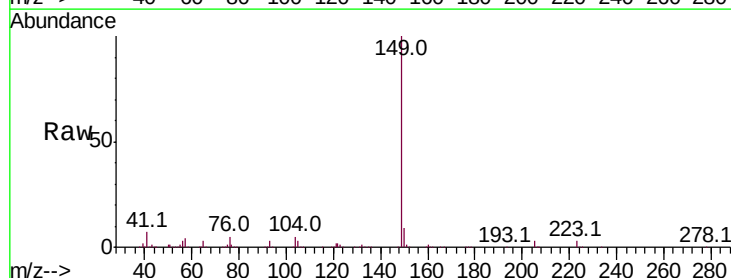
Manual Integrations
 APPROVED

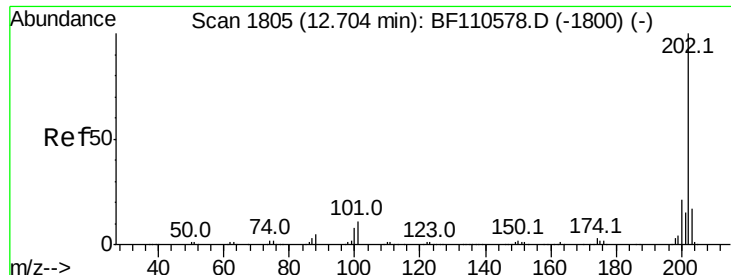
Sohil
 11/20/2018 11:07:55 AM



#74
 Di-n-butylphthalate
 Concen: 49.667 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF110882.D
 Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	472426		
150	9.1		7.7	11.5
104	4.7		4.2	6.4





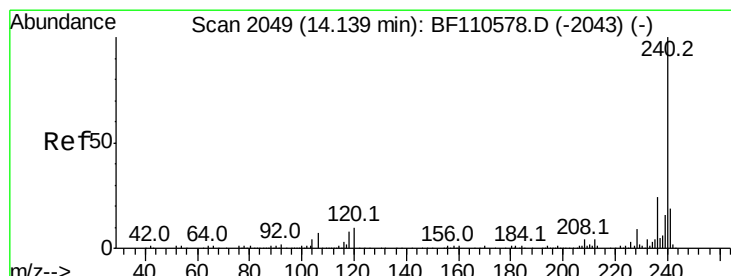
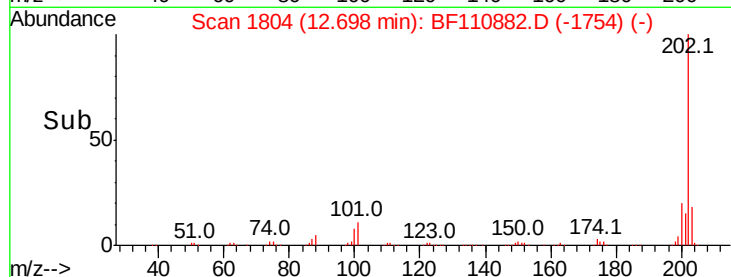
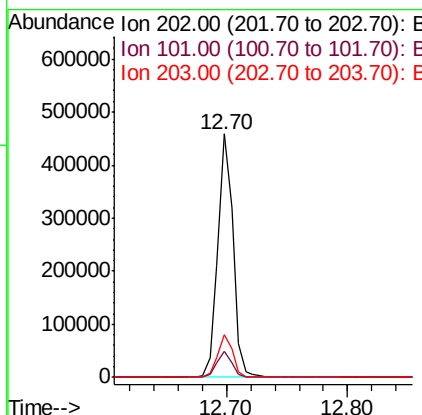
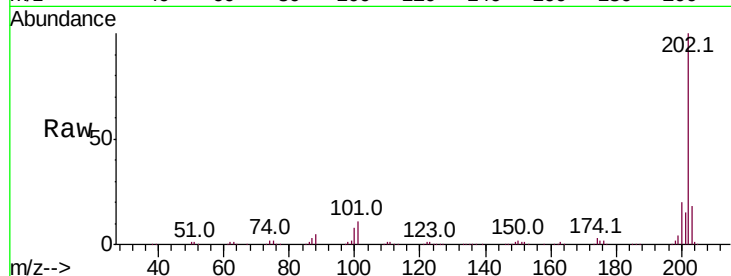
#75
 Fluoranthene
 Concen: 46.975 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BF110882.D
 Acq: 20 Nov 2018 5:17

Instrument :
 BNA_F
 ClientSampleId :
 PB114909BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	0.0	31.4
203	17.5	0.0	37.7

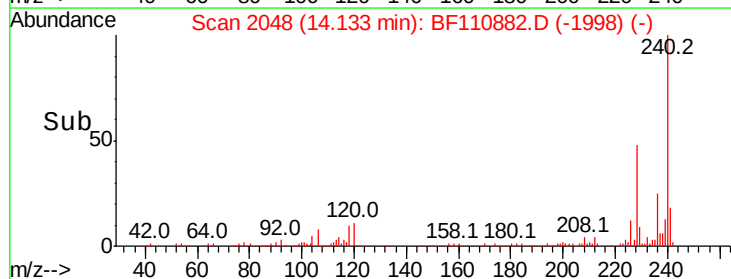
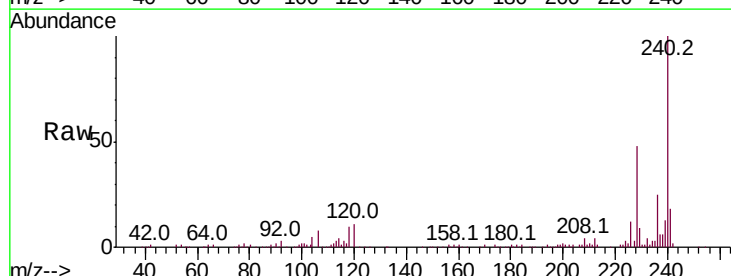
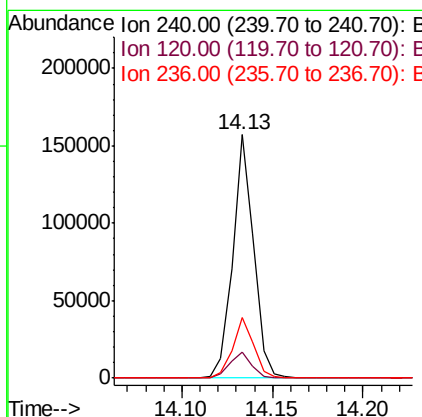
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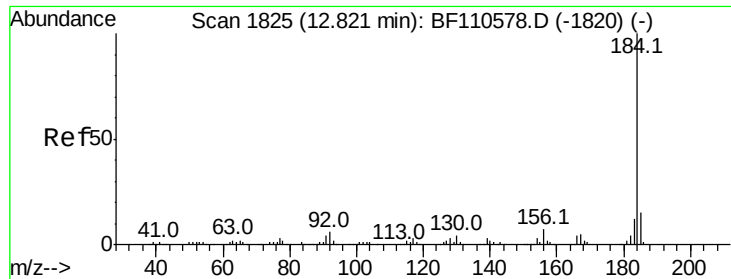
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110882.D
 Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.6	8.3	12.5
236	24.9	21.2	31.8





#77

Benzidine

Concen: 71.438 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF110882.D

Acq: 20 Nov 2018 5:17

Instrument :

BNA_F

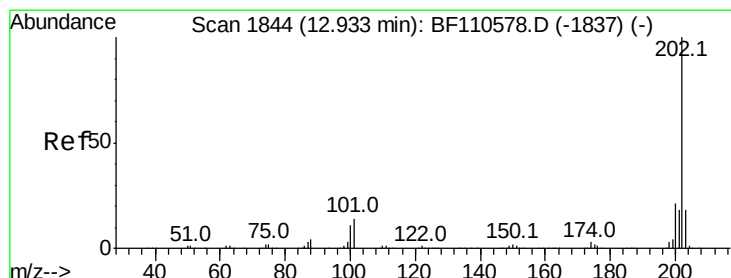
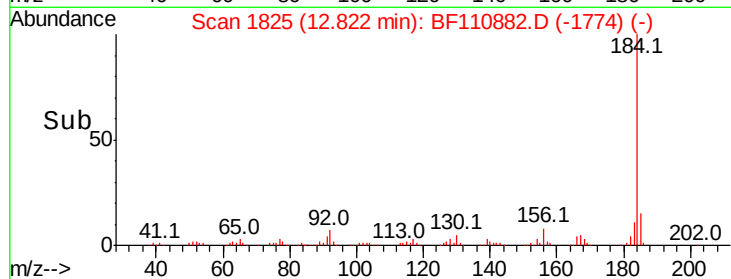
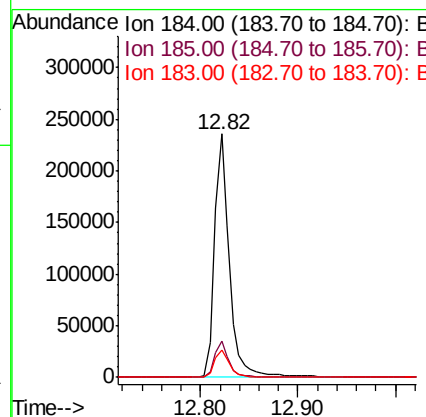
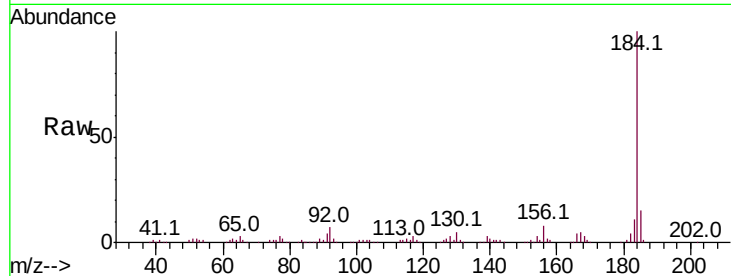
ClientSampleId :

PB114909BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.7	13.4	20.2
183	11.4	9.4	14.2

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#78

Pyrene

Concen: 41.975 ng

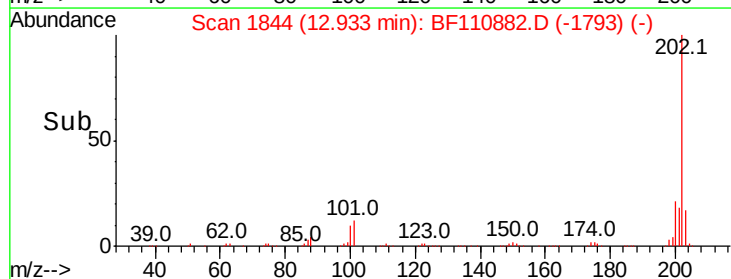
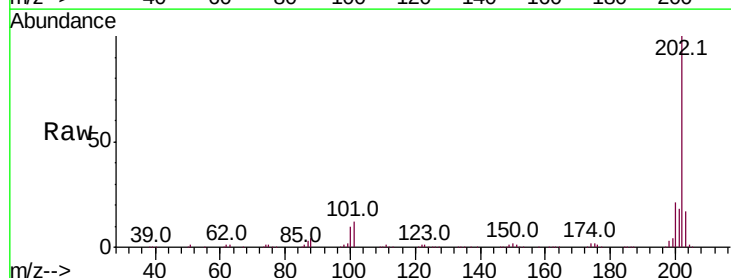
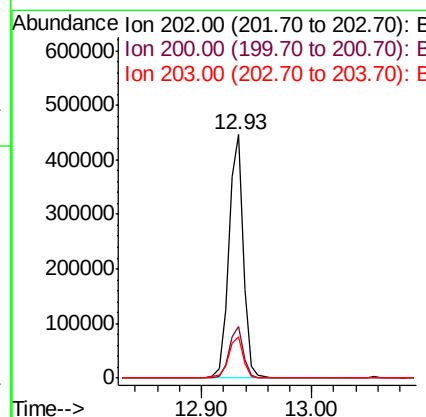
RT: 12.93 min Scan# 1844

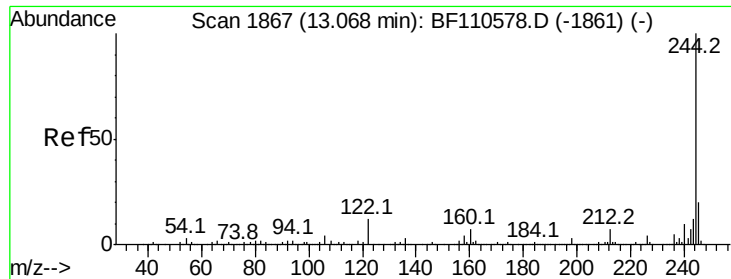
Delta R.T. 0.00 min

Lab File: BF110882.D

Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.8	26.6
203	17.2	14.2	21.4





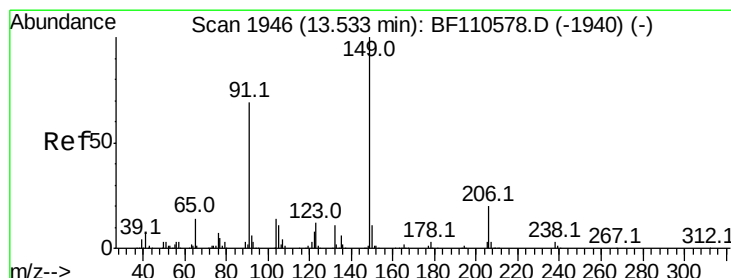
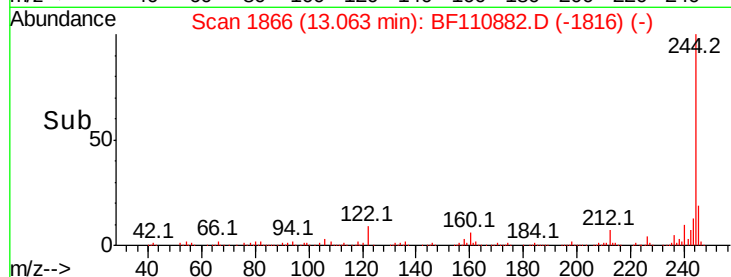
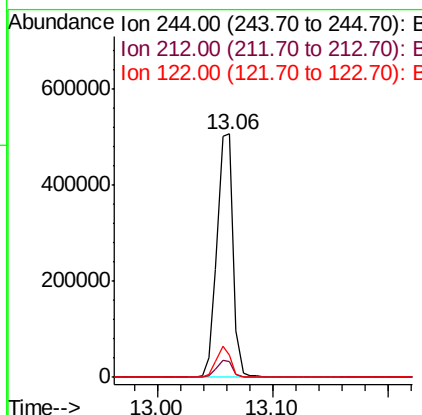
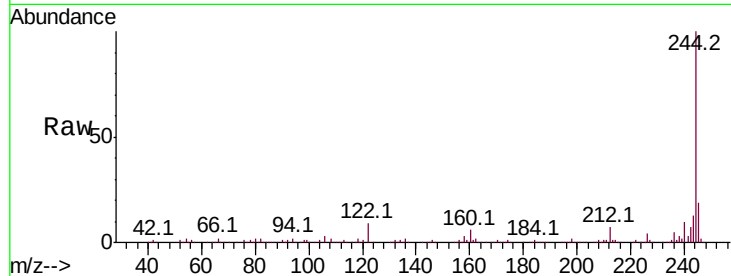
#79
 Terphenyl-d14
 Concen: 72.590 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110882.D
 Acq: 20 Nov 2018 5:17

Instrument :
 BNA_F
 ClientSampleId :
 PB114909BS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.7	5.8	8.8	
122	9.3	8.7	13.1	

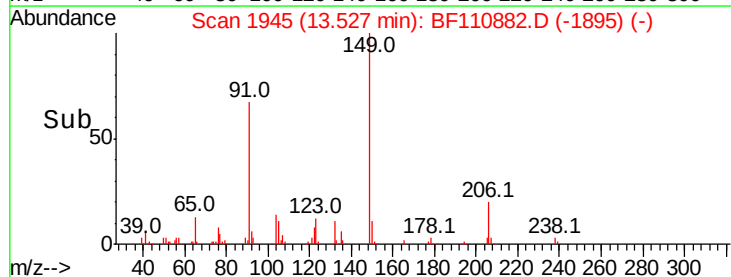
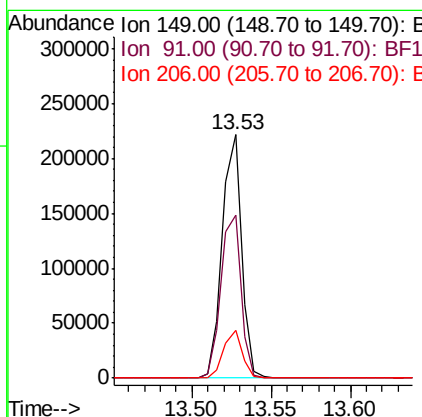
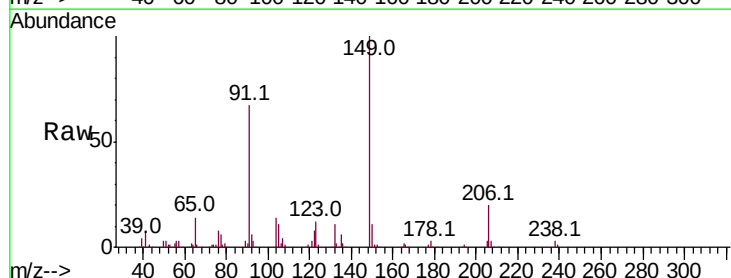
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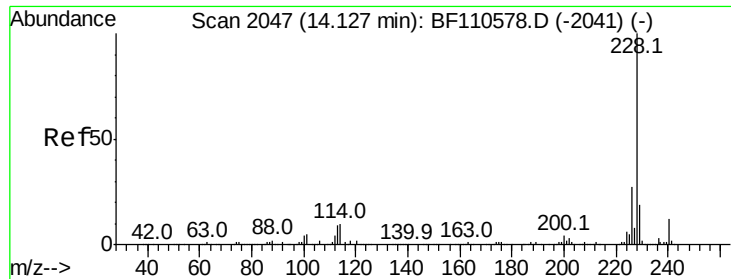
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#80
 Butylbenzylphthalate
 Concen: 44.825 ng
 RT: 13.53 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BF110882.D
 Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	67.2	57.2	85.8	
206	19.7	15.7	23.5	





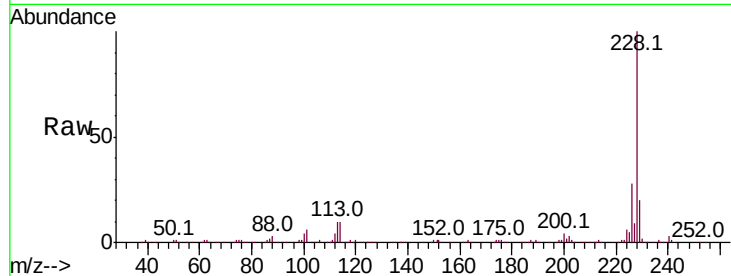
#81
Benzo(a)anthracene
Concen: 46.841 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Instrument :
BNA_F
ClientSampled :
PB114909BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.1	33.1
229	20.0	15.6	23.4

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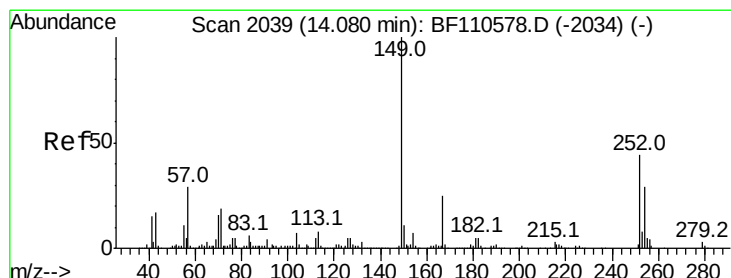
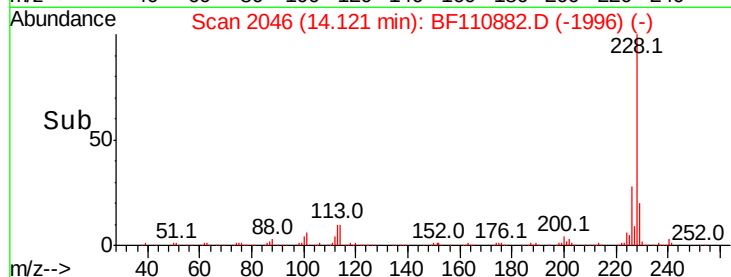
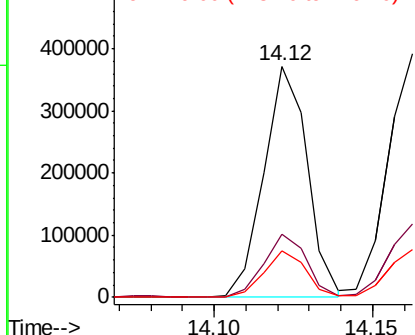


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 45.517 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

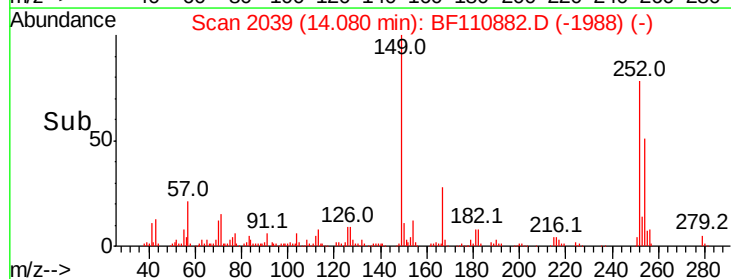
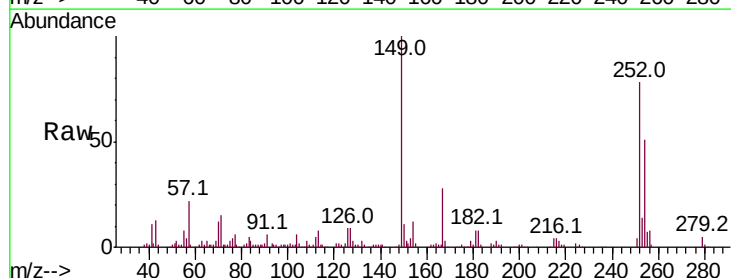
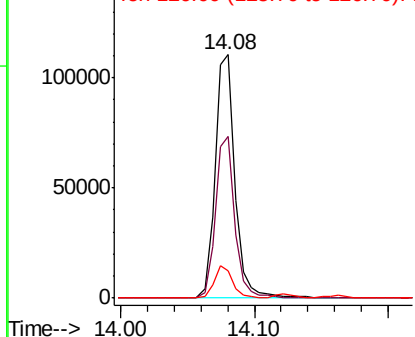
Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.3	76.9
126	11.2	9.4	14.2

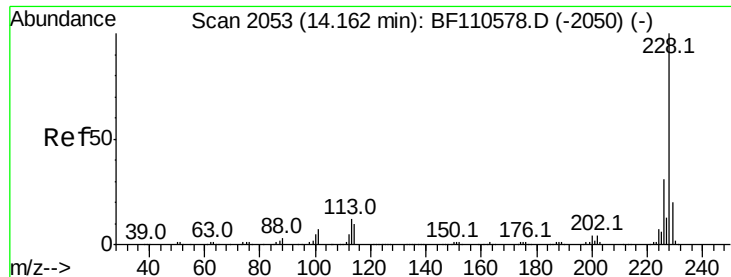
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





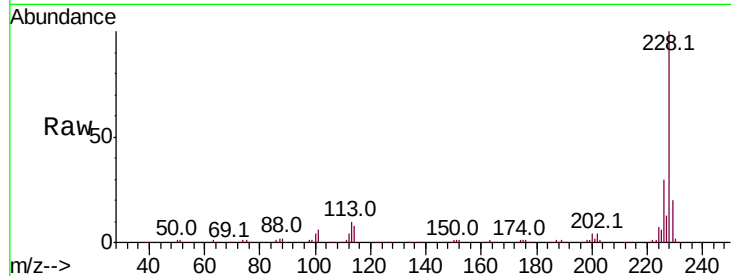
#83
Chrysene
Concen: 46.460 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Instrument :
BNA_F
ClientSampleId :
PB114909BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.7	37.1
229	19.6	15.9	23.9

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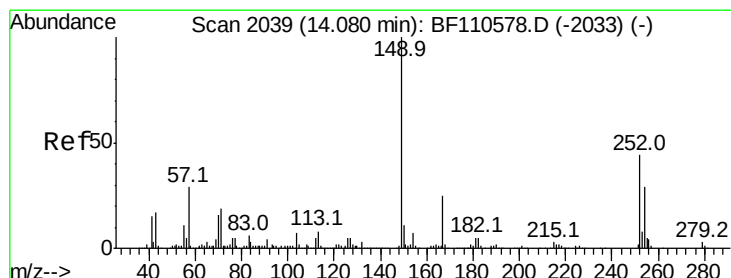
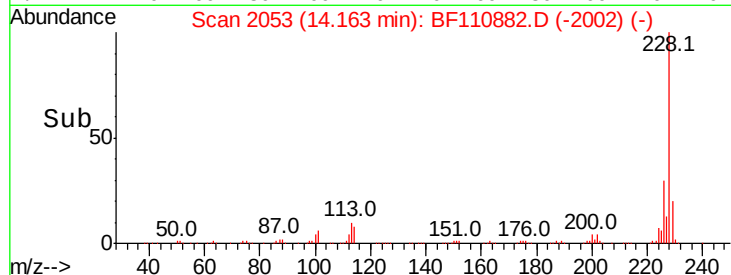
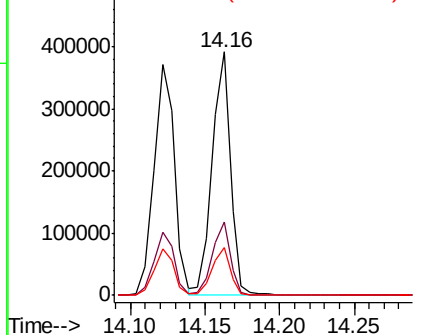


Abundance

Ion 228.00 (227.70 to 228.70): E

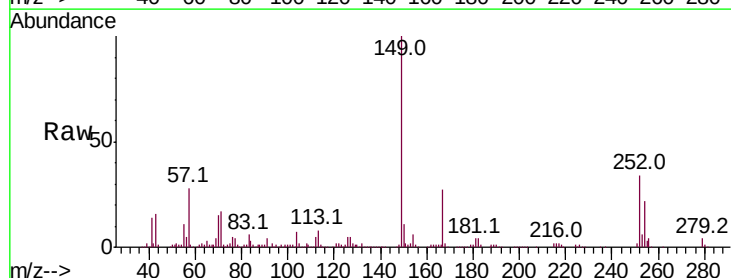
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.642 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	19.8	29.8
279	3.7	2.7	4.1

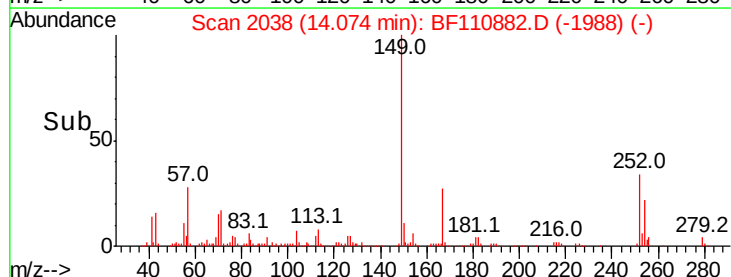
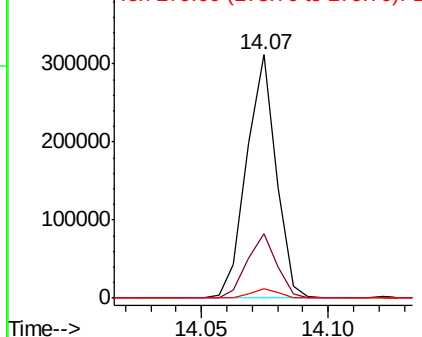


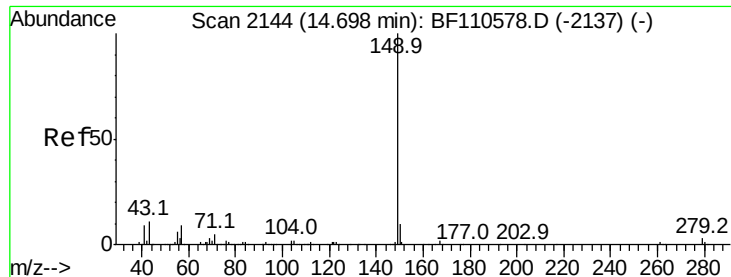
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 58.743 ng

RT: 14.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BF110882.D

Acq: 20 Nov 2018 5:17

Instrument :

BNA_F

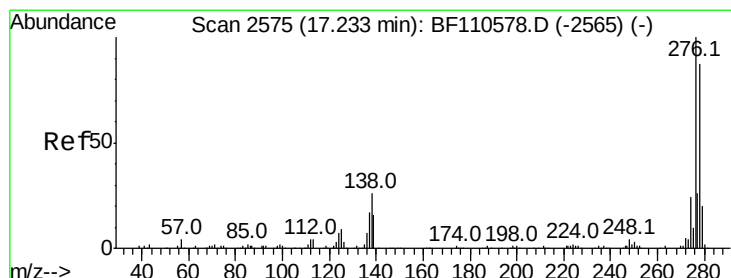
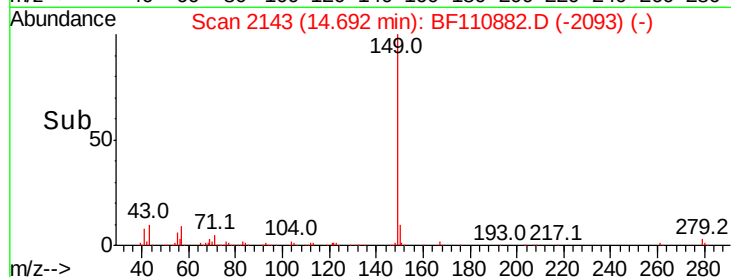
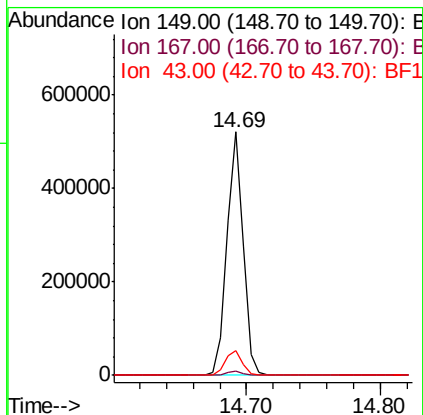
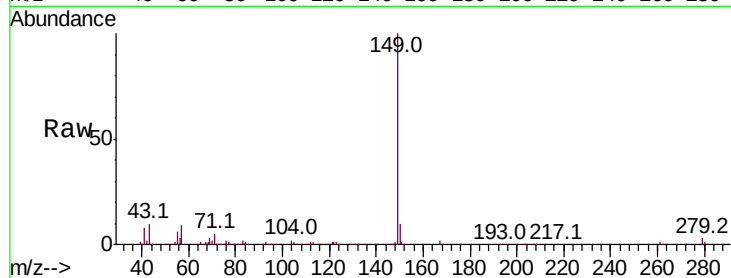
ClientSampleId :

PB114909BS

Tot Ion:	149	Resp:	450004
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	10.5	7.8	11.8

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#86

Indeno(1,2,3-cd)pyrene

Concen: 42.476 ng

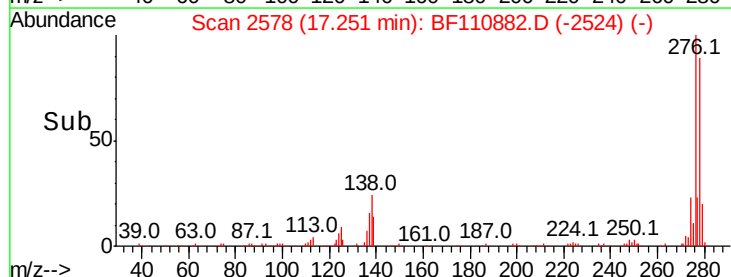
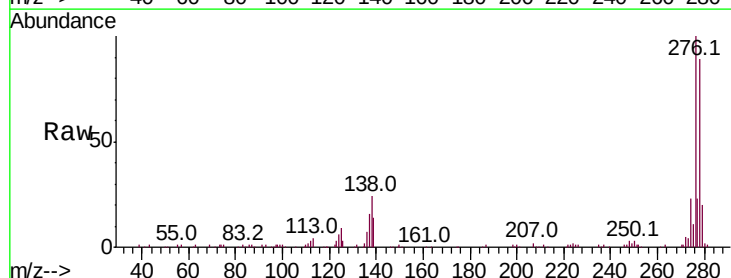
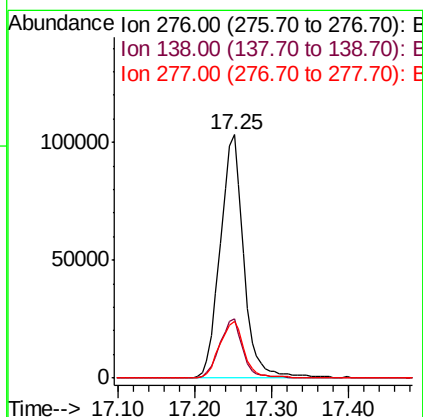
RT: 17.25 min Scan# 2578

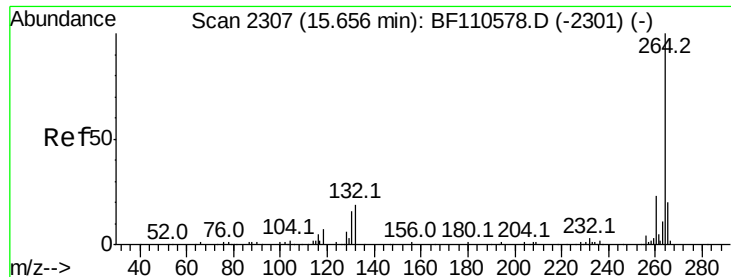
Delta R.T. 0.02 min

Lab File: BF110882.D

Acq: 20 Nov 2018 5:17

Tgt Ion:	276	Resp:	219932
Ion Ratio	Lower	Upper	
276	100		
138	23.8	18.5	27.7
277	24.2	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110882.D

Acq: 20 Nov 2018 5:17

Instrument :

BNA_F

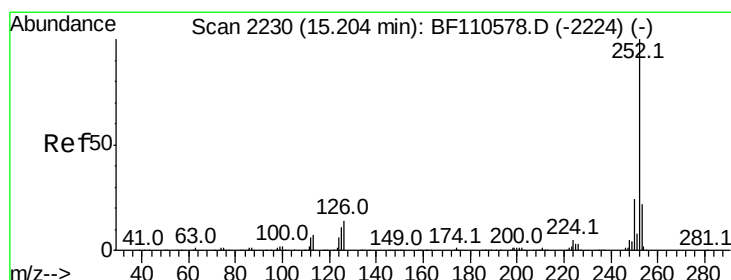
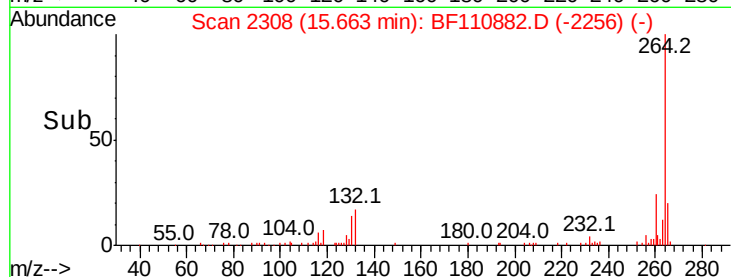
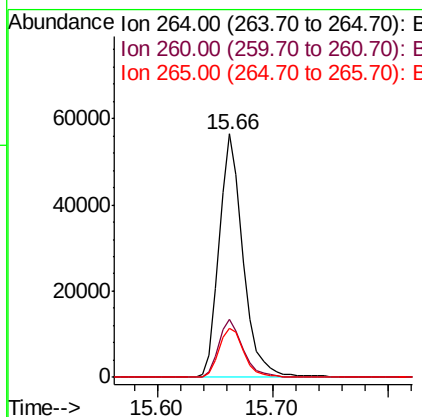
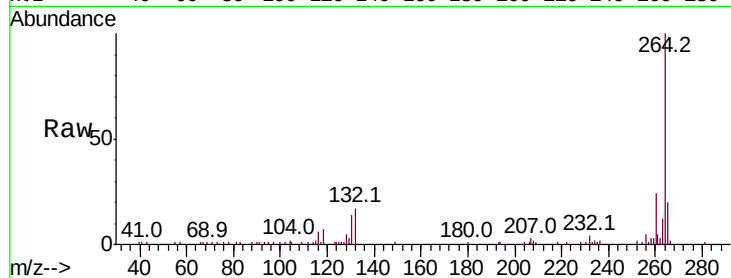
ClientSampleId :

PB114909BS

Tot Ion:	264	Resp:	80992
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.7	28.1
265	20.4	16.7	25.1

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#88

Benzo(b)fluoranthene

Concen: 51.396 ng

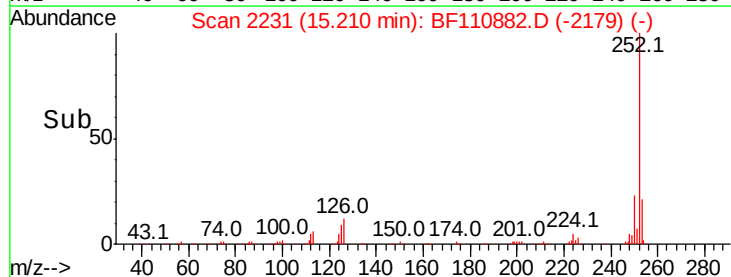
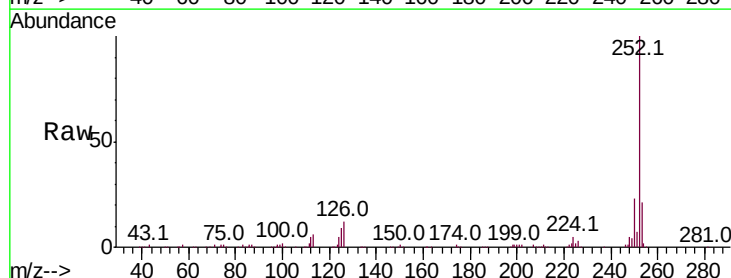
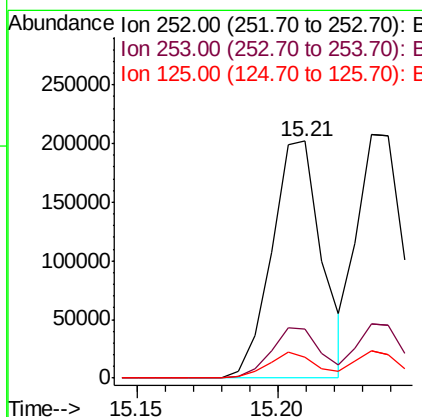
RT: 15.21 min Scan# 2231

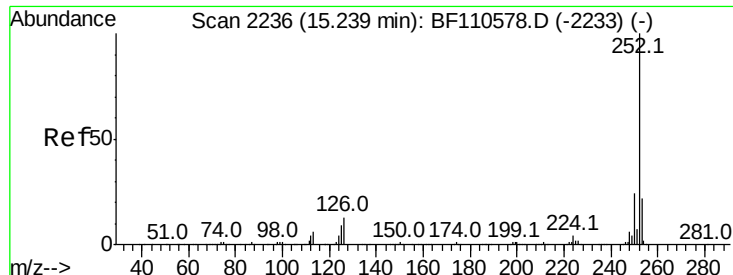
Delta R.T. 0.01 min

Lab File: BF110882.D

Acq: 20 Nov 2018 5:17

Tgt Ion:	252	Resp:	249025
Ion Ratio	Lower	Upper	
252	100		
253	20.9	17.2	25.8
125	8.9	8.2	12.4





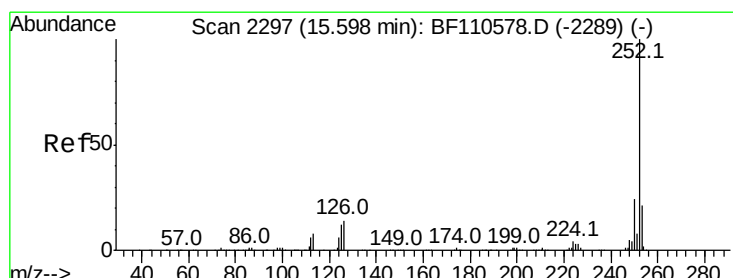
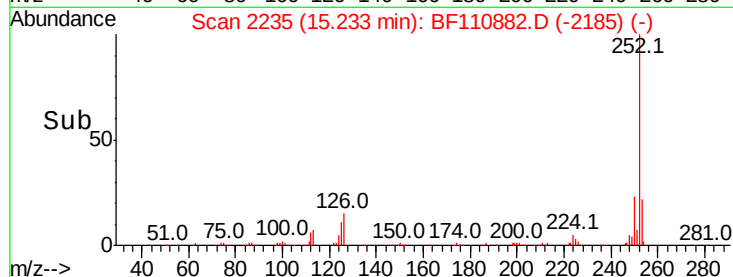
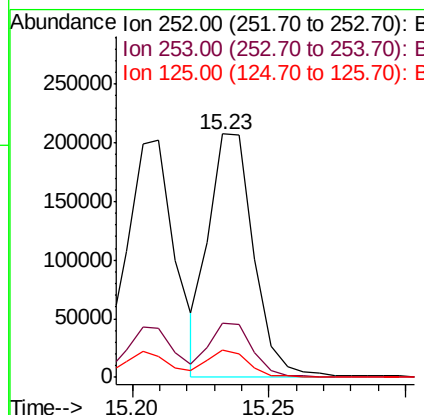
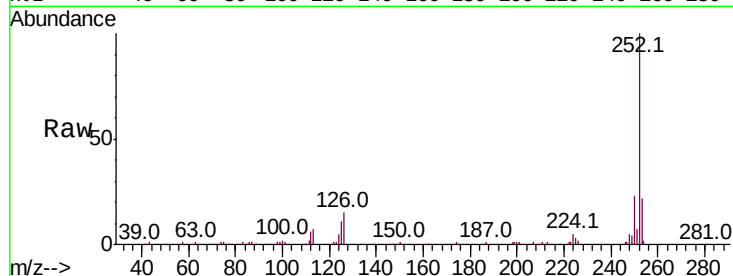
#89
Benzo(k)fluoranthene
Concen: 49.809 ng m
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Instrument :
BNA_F
ClientSampleId :
PB114909BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	238466		
253	22.3	17.2	25.8	
125	11.1	7.4	11.0	

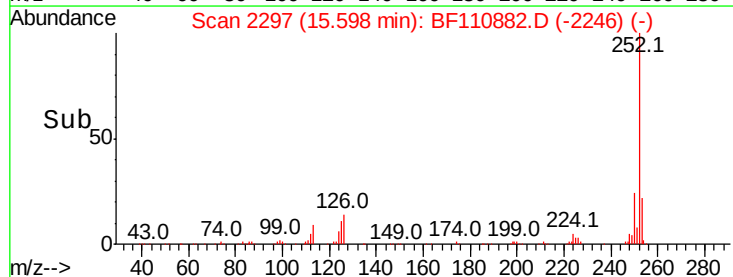
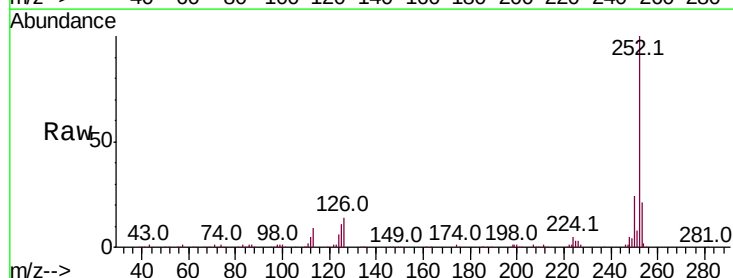
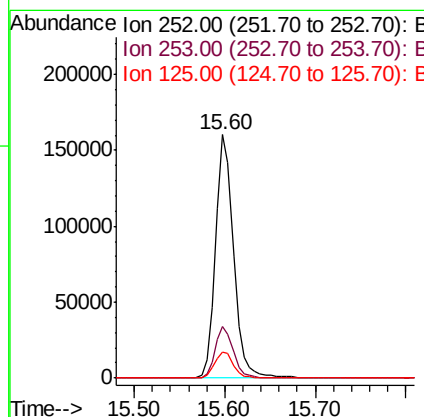
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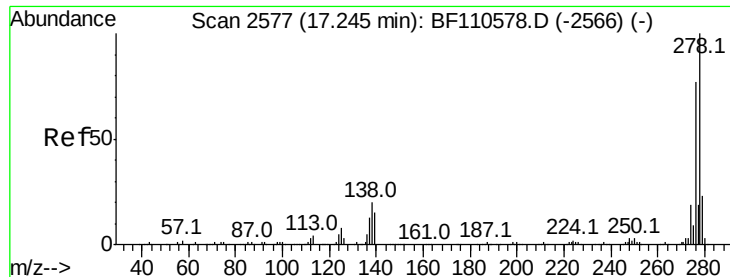
Sohil
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#90
Benzo(a)pyrene
Concen: 50.247 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	221199		
253	21.5	18.2	27.4	
125	10.6	9.0	13.6	





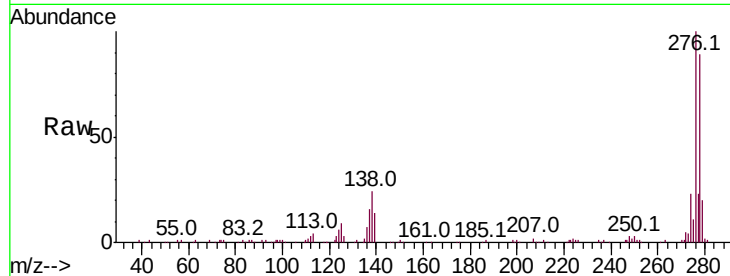
#91
Dibenzo(a,h)anthracene
Concen: 49.235 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.01 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Instrument :
BNA_F
ClientSampleId :
PB114909BS

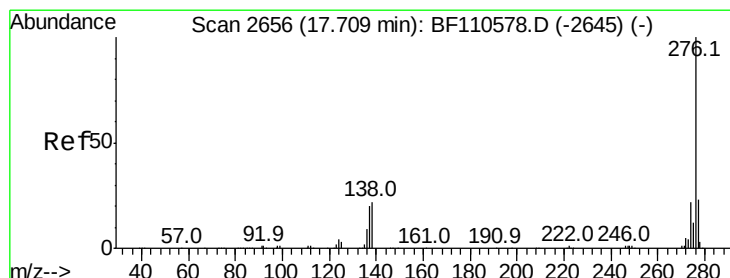
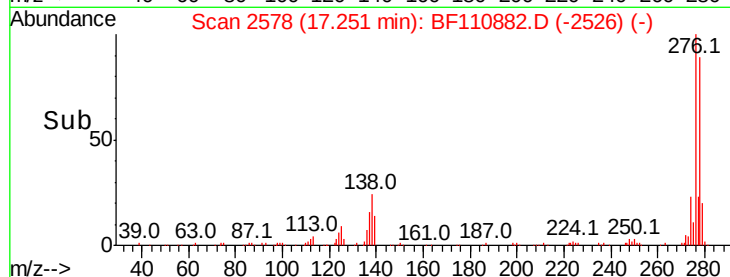
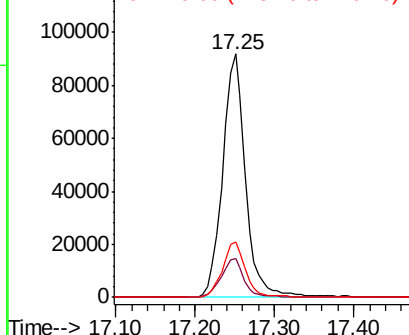
Tot Ion:278	Resp:	183420
Ion Ratio	Lower	Upper
278	100	
139	16.0	12.7 19.1
279	22.7	19.0 28.4

Manual Integrations
APPROVED

Sohil
11/20/2018 11:07:55 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.768 ng
RT: 17.73 min Scan# 2659
Delta R.T. 0.02 min
Lab File: BF110882.D
Acq: 20 Nov 2018 5:17

Tgt Ion:276	Resp:	176561
Ion Ratio	Lower	Upper
276	100	
277	22.9	18.8 28.2
138	20.7	16.0 24.0

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

