

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
 Data File : BF113978.D
 Acq On : 25 Apr 2019 15:38
 Operator : JU/SJ
 Sample : PB119203BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119203BS

Manual Integrations
 APPROVED

Sohil
 4/29/2019 5:49:46 AM

Quant Time: Apr 26 04:44:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	127034	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	517418	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	278124	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	589469	20.00	ng	0.00
76) Chrysene-d12	14.07	240	598320	20.00	ng	0.00
87) Perylene-d12	15.56	264	517139	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	965875	130.04	ng	0.00
7) Phenol-d6	6.53	99	1209640	129.81	ng	0.01
23) Nitrobenzene-d5	7.46	82	781372	93.24	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	446755	131.86	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1517490	85.34	ng	0.00
79) Terphenyl-d14	13.00	244	2137918	73.26	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.70	88	108180	30.898	ng	96
3) Pyridine	3.47	79	264239	27.650	ng	99
4) n-Nitrosodimethylamine	3.40	42	120265	36.763	ng	# 96
6) Aniline	6.56	93	412158	32.210	ng	100
8) 2-Chlorophenol	6.69	128	354447	41.799	ng	99
9) Benzaldehyde	6.44	77	76983	9.989	ng	99
10) Phenol	6.55	94	449609	40.350	ng	96
11) bis(2-Chloroethyl)ether	6.63	93	343379	40.951	ng	95
12) 1,3-Dichlorobenzene	6.84	146	375347	39.083	ng	100
13) 1,4-Dichlorobenzene	6.92	146	383697	39.721	ng	98
14) 1,2-Dichlorobenzene	7.07	146	366682	41.304	ng	99
15) Benzyl Alcohol	7.03	79	285536	45.497	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	388976	39.739	ng	91
17) 2-Methylphenol	7.15	107	320697	43.144	ng	98
18) Hexachloroethane	7.41	117	133736	39.494	ng	92
19) n-Nitroso-di-n-propylamine	7.31	70	247838	41.070	ng	100
20) 3+4-Methylphenols	7.30	107	370647	44.135	ng	# 80
22) Acetophenone	7.30	105	498276	43.275	ng	# 95
24) Nitrobenzene	7.47	77	387934	41.895	ng	99
25) Isophorone	7.72	82	703927	41.053	ng	100
26) 2-Nitrophenol	7.79	139	195725	46.333	ng	96
27) 2,4-Dimethylphenol	7.83	122	305590	44.401	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	431749	39.514	ng	99
29) 2,4-Dichlorophenol	8.03	162	331304	42.095	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	362419	41.299	ng	98
31) Naphthalene	8.20	128	1034203	42.075	ng	99
32) Benzoic acid	7.95	122	168911	36.342	ng	95
33) 4-Chloroaniline	8.25	127	326253	31.368	ng	96
34) Hexachlorobutadiene	8.32	225	217009	39.669	ng	98
35) Caprolactam	8.61	113	105702m	42.220	ng	
36) 4-Chloro-3-methylphenol	8.73	107	331615	42.529	ng	99
37) 2-Methylnaphthalene	8.89	142	714454	43.103	ng	99
38) 1-Methylnaphthalene	8.99	142	676021	42.256	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	368855	40.828	ng	100

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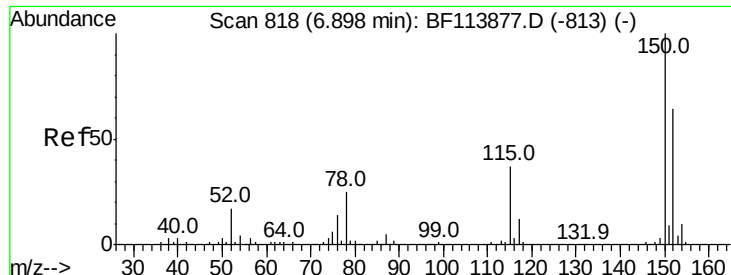
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	358609	71.182	nq	99
43) 2,4,6-Trichlorophenol	9.17	196	249190	43.437	nq	99
44) 2,4,5-Trichlorophenol	9.22	196	274612	42.677	nq	98
46) 1,1'-Biphenyl	9.36	154	891909	41.979	nq	98
47) 2-Chloronaphthalene	9.38	162	726644	42.056	nq	97
48) 2-Nitroaniline	9.47	65	205784	45.433	nq	94
49) Acenaphthylene	9.80	152	1113822	41.177	nq	99
50) Dimethylphthalate	9.66	163	854382	42.476	nq	100
51) 2,6-Dinitrotoluene	9.72	165	196766	45.597	nq	98
52) Acenaphthene	9.97	154	747627	46.769	nq	99
53) 3-Nitroaniline	9.88	138	159715	35.221	nq	97
54) 2,4-Dinitrophenol	9.99	184	183850	96.551	nq	# 3
55) Dibenzofuran	10.15	168	1027919	42.928	nq	100
56) 4-Nitrophenol	10.05	139	337998	94.140	nq	96
57) 2,4-Dinitrotoluene	10.12	165	273387	50.192	nq	93
58) Fluorene	10.49	166	775524	43.018	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	262693	46.456	nq	99
60) Diethylphthalate	10.36	149	835243	43.728	nq	100
61) 4-Chlorophenyl-phenylether	10.47	204	408565	42.793	nq	99
62) 4-Nitroaniline	10.50	138	212947	48.122	nq	98
63) Azobenzene	10.63	77	774137	41.817	nq	98
65) 4,6-Dinitro-2-methylphenol	10.53	198	122460	45.732	nq	92
66) n-Nitrosodiphenylamine	10.59	169	713616	40.347	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	273760	38.444	nq	99
68) Hexachlorobenzene	11.04	284	307334	39.275	nq	97
69) Atrazine	11.12	200	243662	42.349	nq	100
70) Pentachlorophenol	11.23	266	362460	81.809	nq	98
71) Phenanthrene	11.45	178	1232334	41.599	nq	100
72) Anthracene	11.50	178	1260723	42.143	nq	99
73) Carbazole	11.65	167	1165511	43.670	nq	100
74) Di-n-butylphthalate	11.98	149	1356992	43.223	nq	99
75) Fluoranthene	12.63	202	1408244	43.571	nq	99
77) Benzidine	12.74	184	566395	31.771	nq	97
78) Pyrene	12.86	202	1414386	33.803	nq	100
80) Butylbenzylphthalate	13.47	149	635919	38.629	nq	98
81) Benzo(a)anthracene	14.06	228	1376304	39.042	nq	99
82) 3,3'-Dichlorobenzidine	14.02	252	483862	37.448	nq	# 98
83) Chrysene	14.10	228	1364617	39.748	nq	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	860667	41.091	nq	99
85) Di-n-octyl phthalate	14.67	149	1517692	46.293	nq	98
86) Indeno(1,2,3-cd)pyrene	17.07	276	1499425	46.107	nq	98
88) Benzo(b)fluoranthene	15.13	252	1516438	46.347	nq	99
89) Benzo(k)fluoranthene	15.16	252	1380117	49.038	nq	99
90) Benzo(a)pyrene	15.50	252	1400809	49.498	nq	99
91) Dibenzo(a,h)anthracene	17.09	278	1262689	47.530	nq	99
92) Benzo(g,h,i)perylene	17.52	276	1233980	46.028	nq	99

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



#1

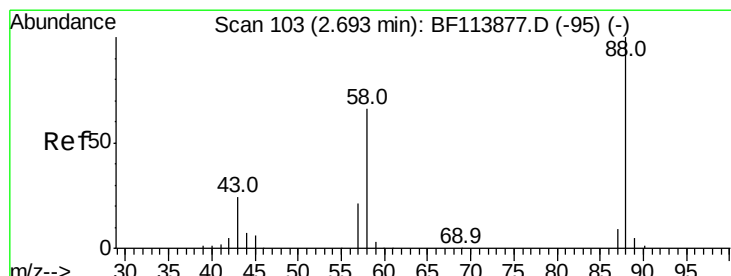
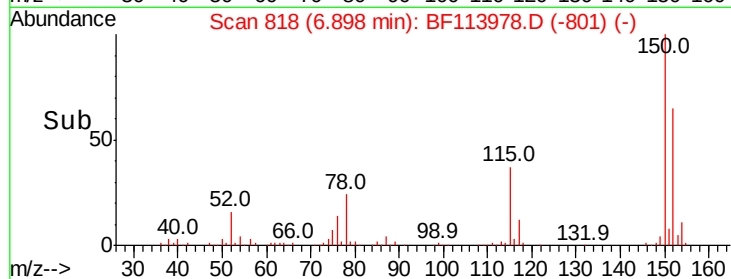
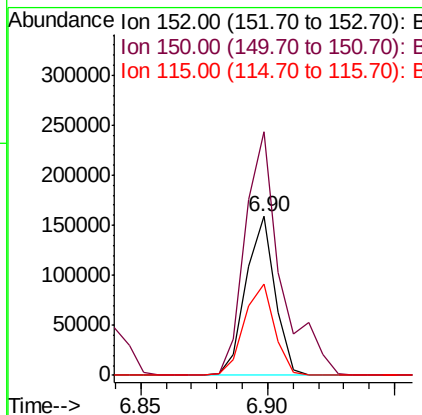
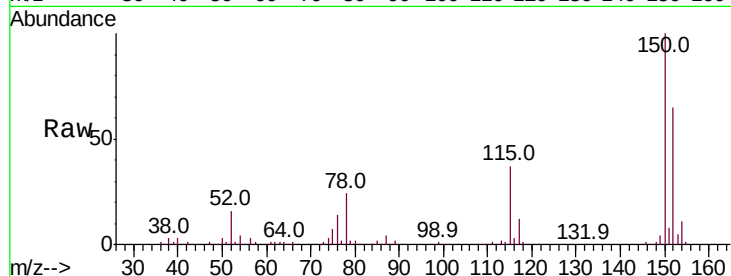
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_F
ClientSampleId :
PB119203BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	125.9	188.9
115	57.1	45.9	68.9

Manual Integrations
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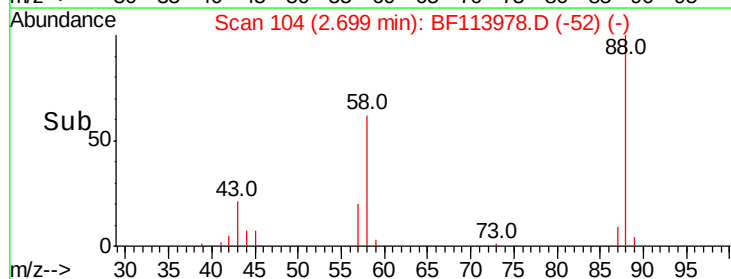
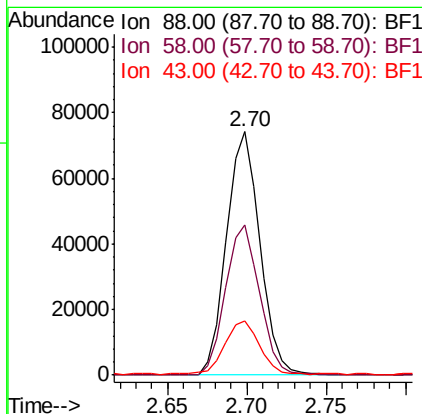
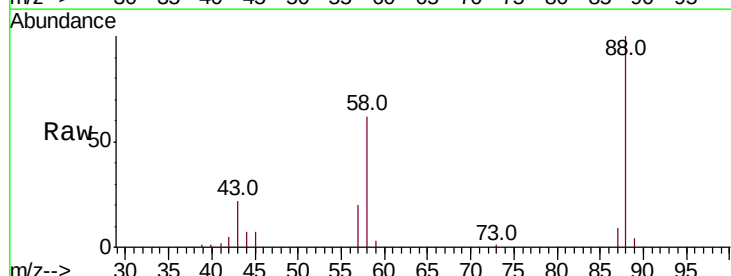
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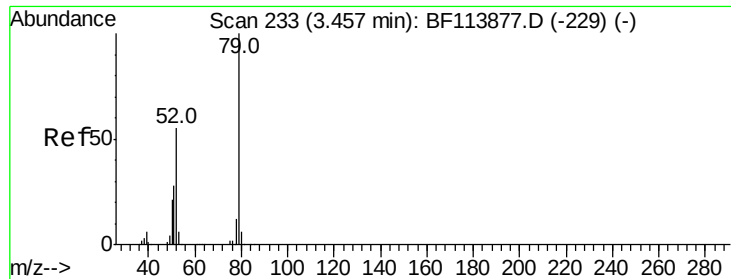


#2

1,4-Dioxane
Concen: 30.898 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.01 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.9	53.3	79.9
43	22.7	19.0	28.4





#3

Pvridine

Concen: 27.650 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

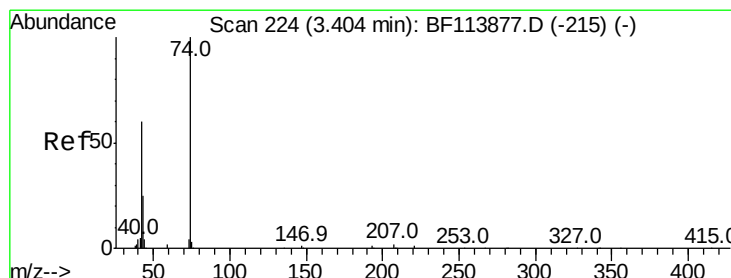
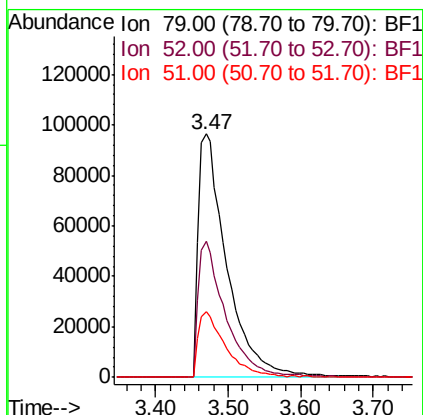
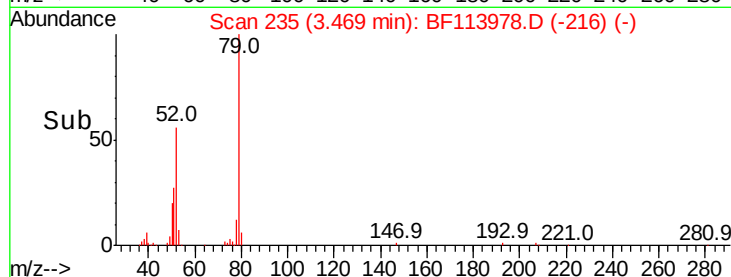
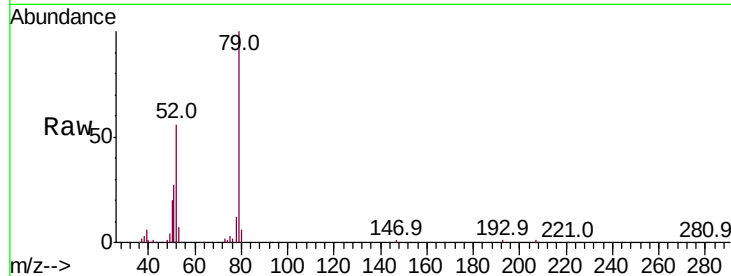
ClientSampleId :

PB119203BS

Tot Ion:	79	Resp:	264239
Ion Ratio	Lower	Upper	
79	100		
52	56.1	45.3	67.9
51	27.1	22.1	33.1

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#4

n-Nitrosodimethylamine

Concen: 36.763 ng

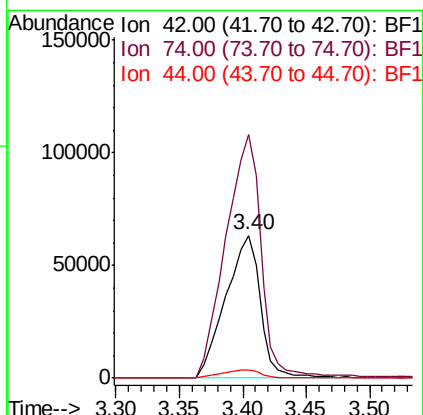
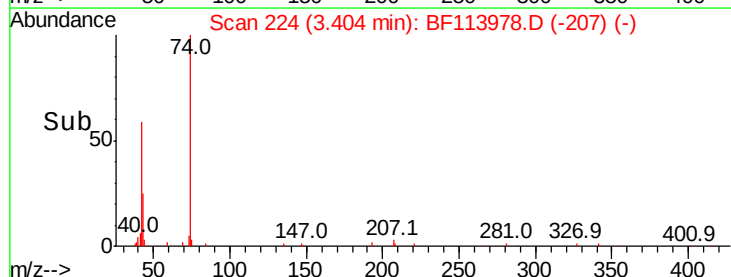
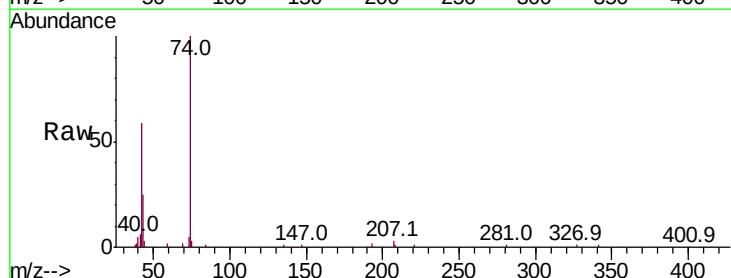
RT: 3.40 min Scan# 224

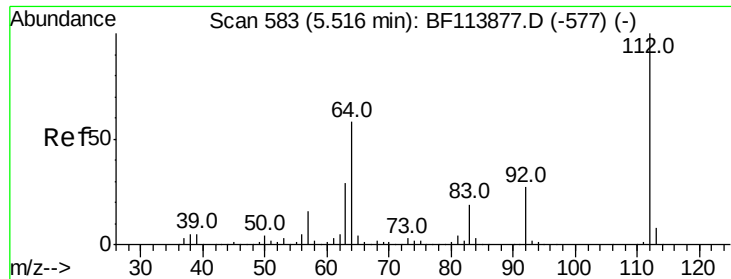
Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Tgt Ion:	42	Resp:	120265
Ion Ratio	Lower	Upper	
42	100		
74	170.9	132.6	198.8
44	5.4	5.8	8.8#





#5

2-Fluorophenol

Concen: 130.043 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

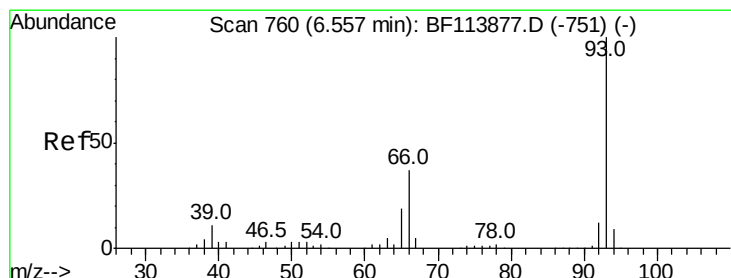
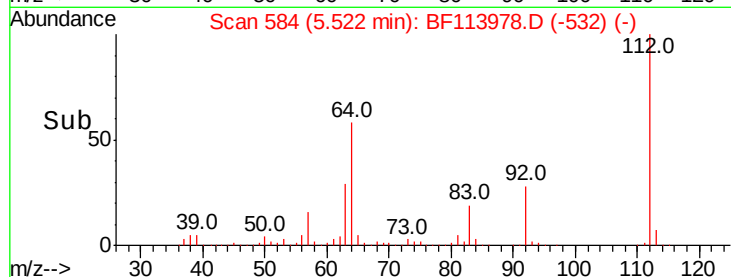
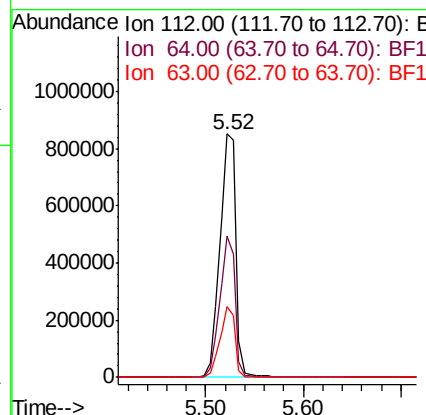
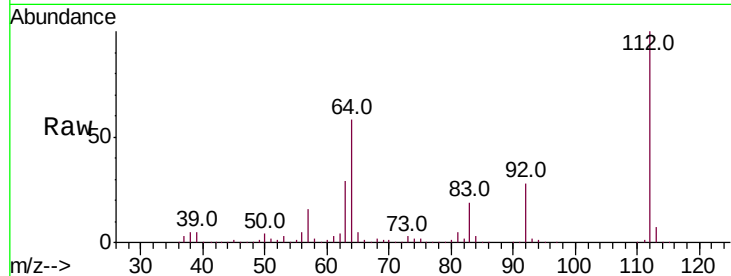
ClientSampleId :

PB119203BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	965875		
64	57.9	46.6	69.8	
63	29.1	23.1	34.7	

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#6

Aniline

Concen: 32.210 ng

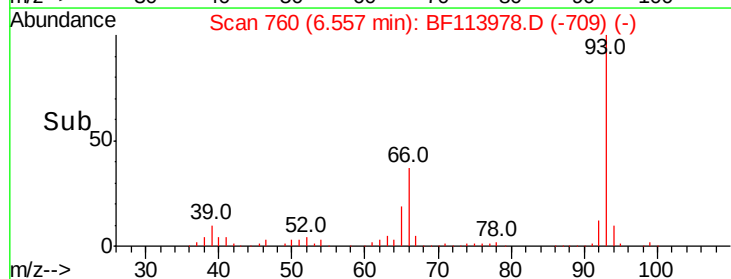
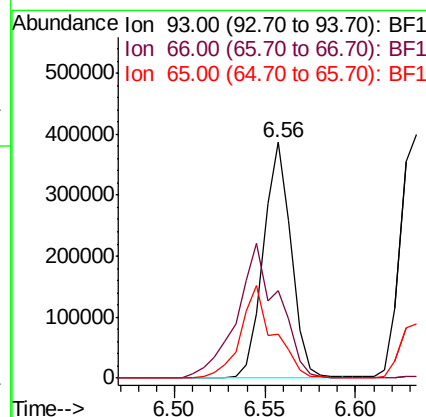
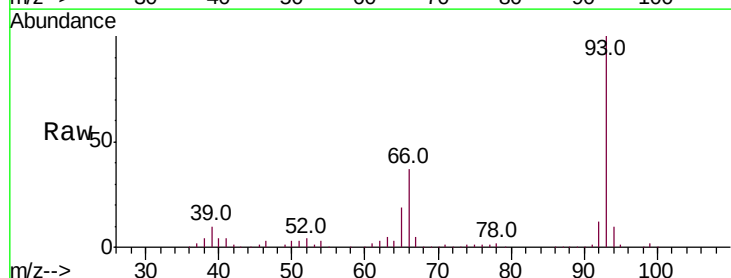
RT: 6.56 min Scan# 760

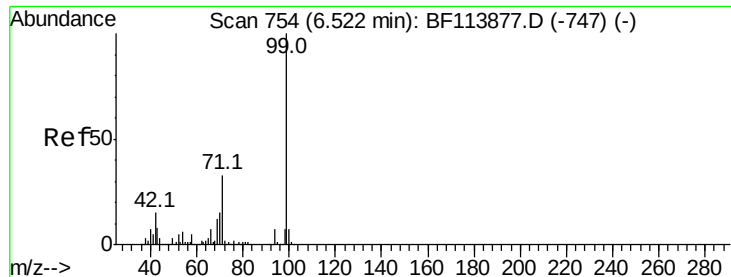
Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	412158		
66	37.3	29.8	44.6	
65	18.9	14.9	22.3	





#7

Phenol-d6

Concen: 129.811 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

ClientSampleId :

PB119203BS

Tot Ion: 99 Resp: 1209640

Ion Ratio Lower Upper

99 100

42 14.7 12.5 18.7

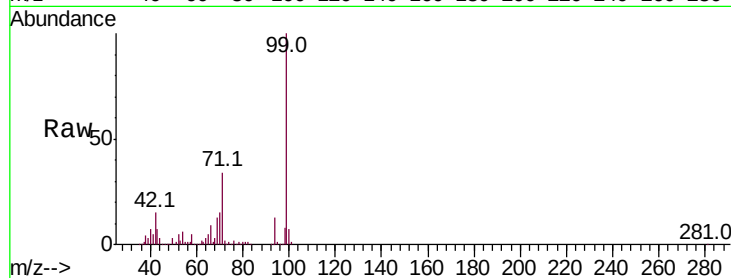
71 34.2 26.9 40.3

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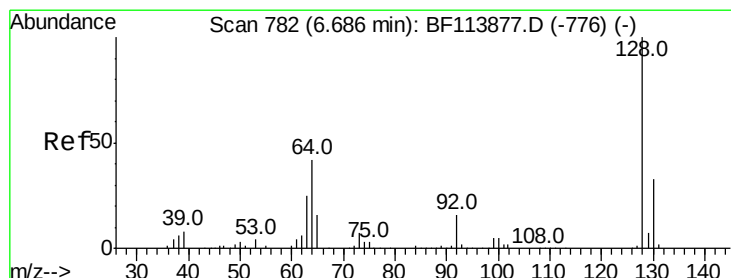
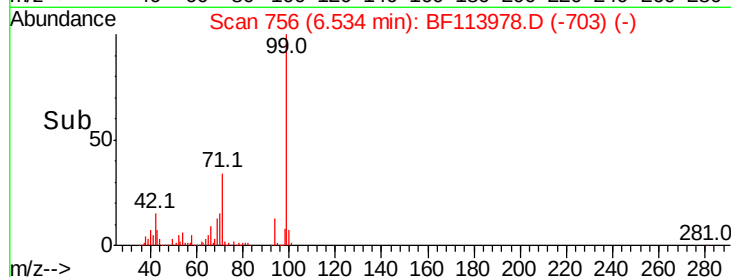
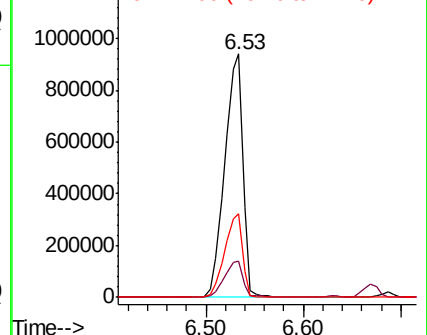
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.799 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

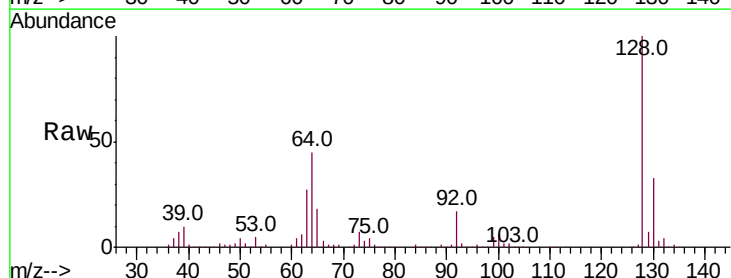
Tgt Ion:128 Resp: 354447

Ion Ratio Lower Upper

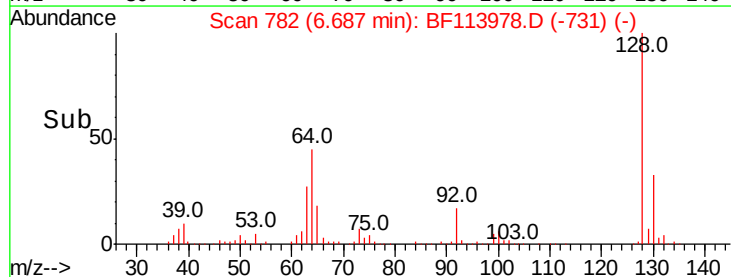
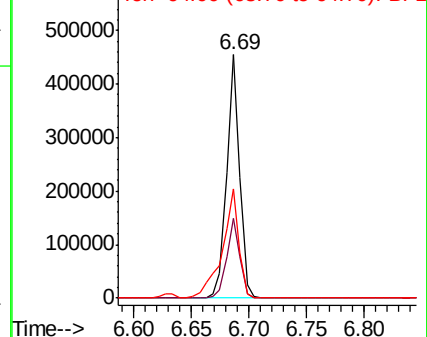
128 100

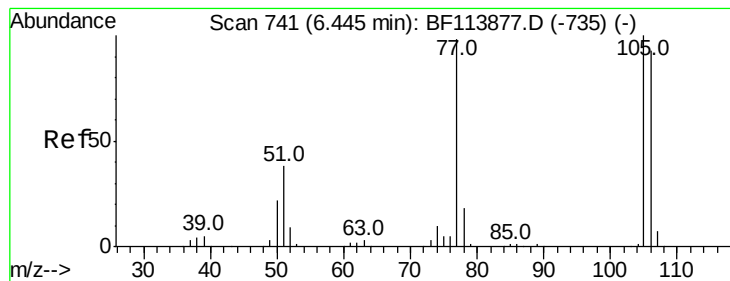
130 32.6 12.3 52.3

64 44.7 26.1 66.1



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





#9

Benzaldehyde

Concen: 9.989 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

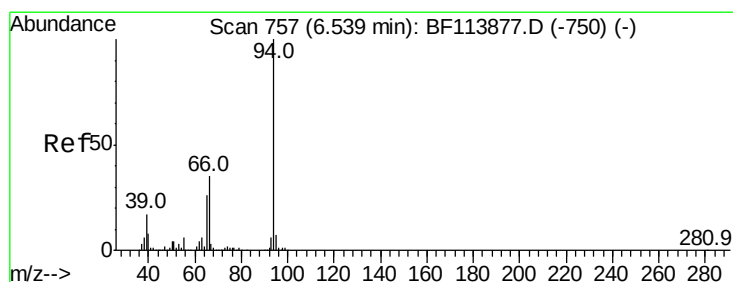
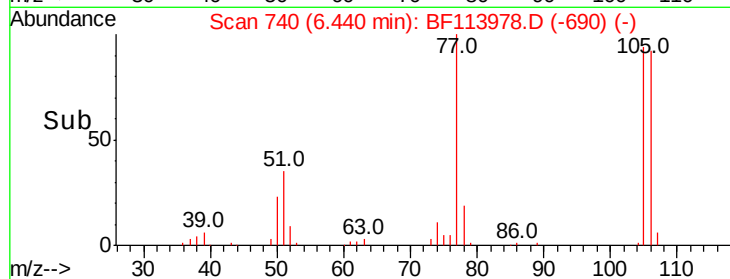
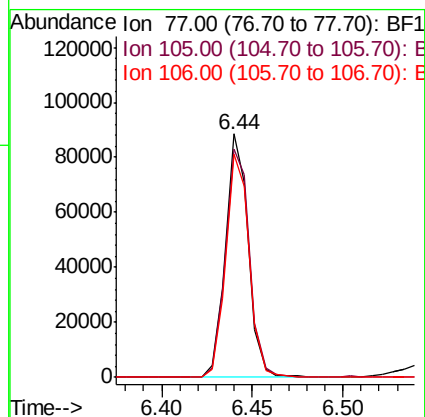
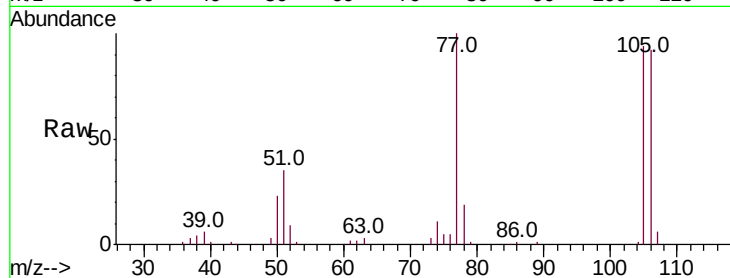
ClientSampleId :

PB119203BS

Tot Ion:	77	Resp:	76983
Ion	Ratio	Lower	Upper
77	100		
105	93.9	74.1	114.1
106	91.8	70.3	110.3

Manual Integrations
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#10

Phenol

Concen: 40.350 ng

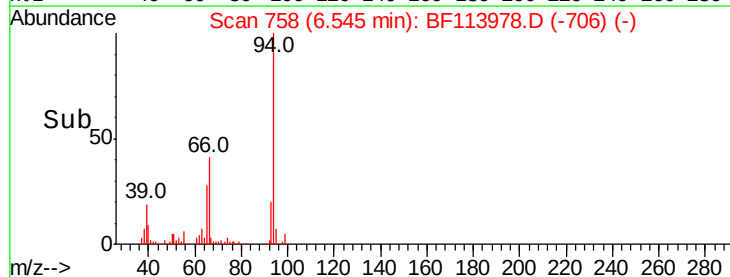
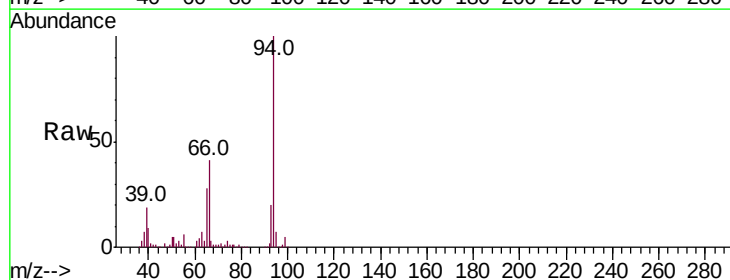
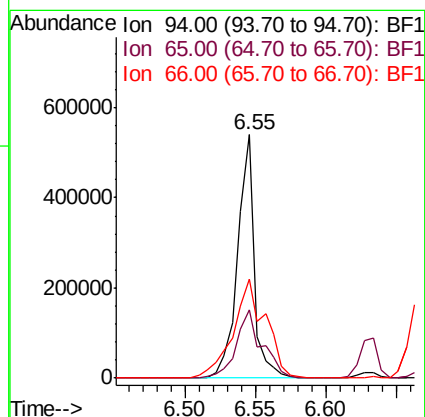
RT: 6.55 min Scan# 758

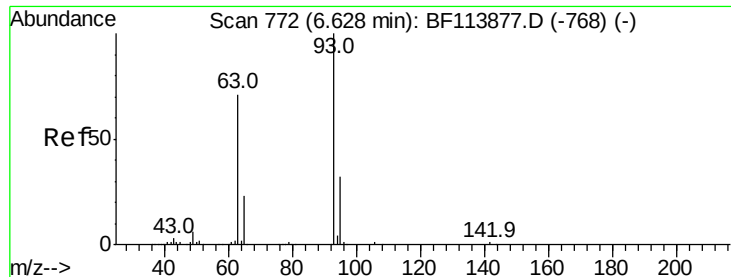
Delta R.T. 0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Tgt Ion:	94	Resp:	449609
Ion	Ratio	Lower	Upper
94	100		
65	28.3	8.1	48.1
66	40.8	16.6	56.6





#11

bis(2-Chloroethyl)ether

Concen: 40.951 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

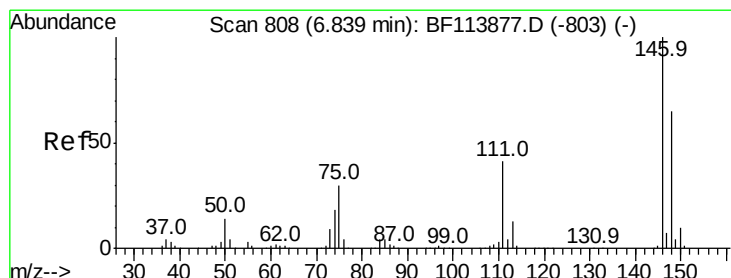
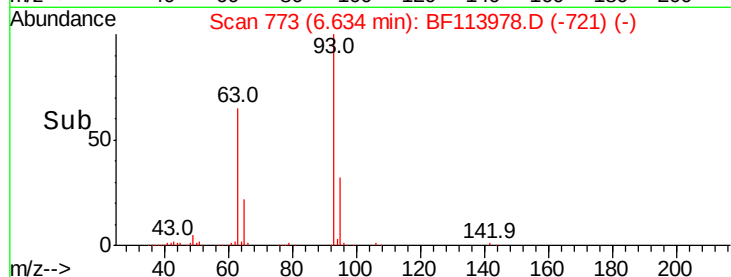
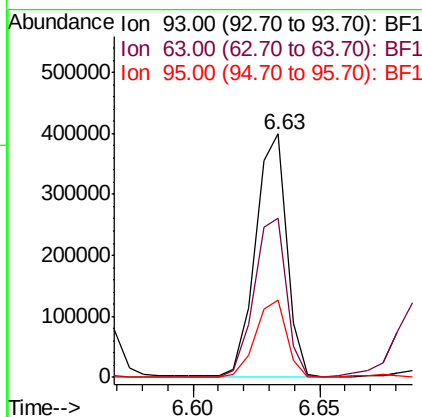
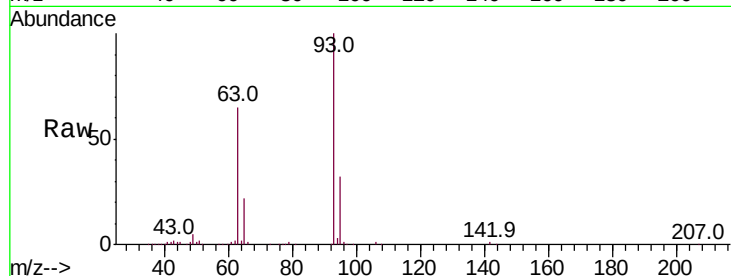
ClientSampleId :

PB119203BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	65.5	50.7	90.7
95	31.8	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 39.083 ng

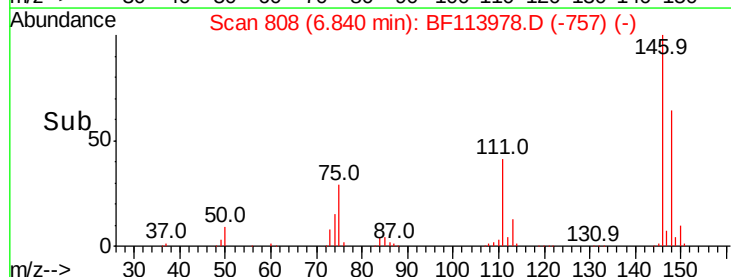
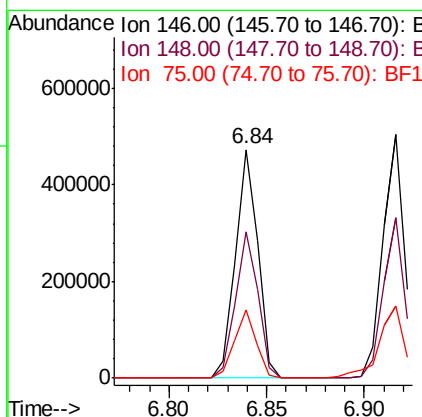
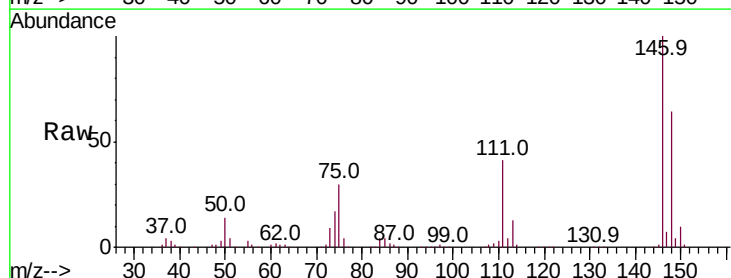
RT: 6.84 min Scan# 808

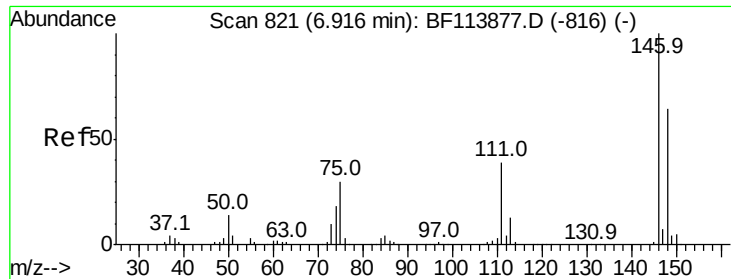
Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.6
75	29.6	23.8	35.8





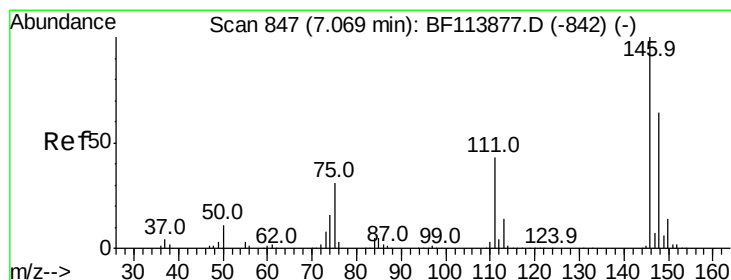
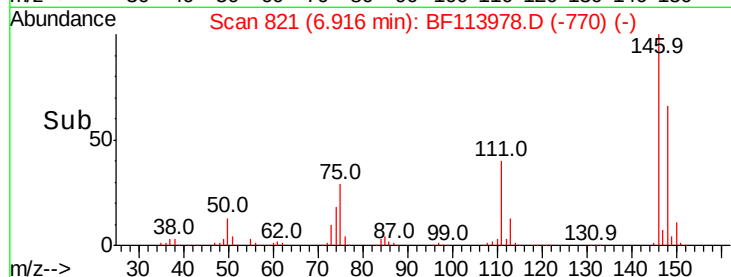
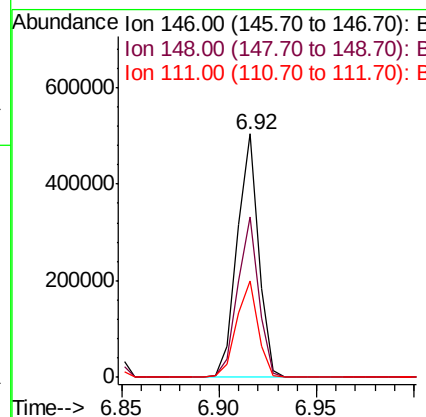
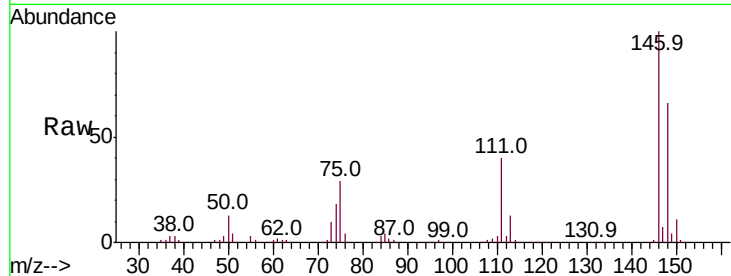
#13
 1,4-Dichlorobenzene
 Concen: 39.721 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB119203BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.8	77.8
111	39.7	30.9	46.3

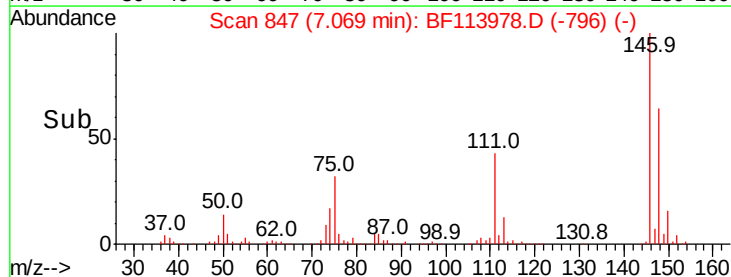
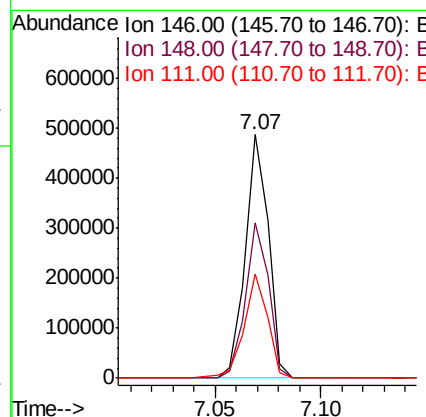
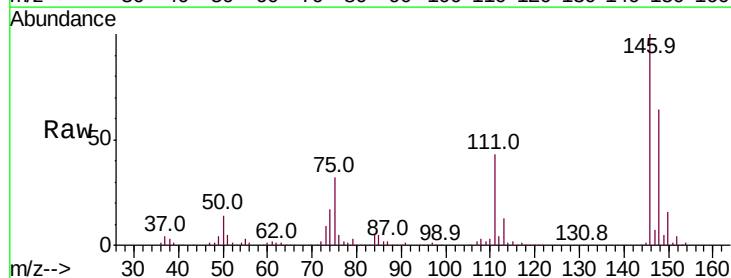
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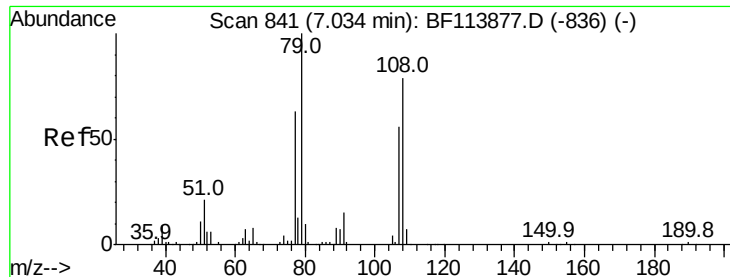
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 41.304 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.1	78.1
111	42.8	34.2	51.4





#15

Benzyl Alcohol

Concen: 45.497 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

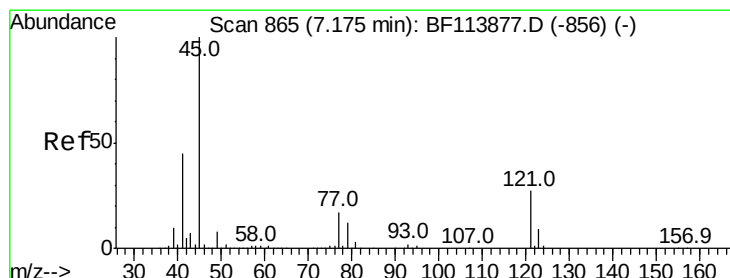
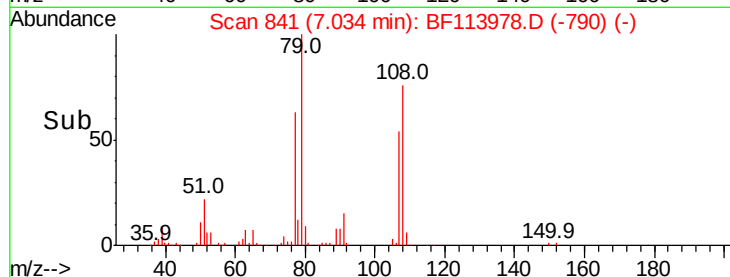
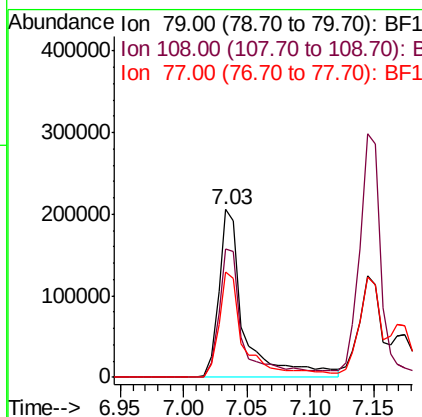
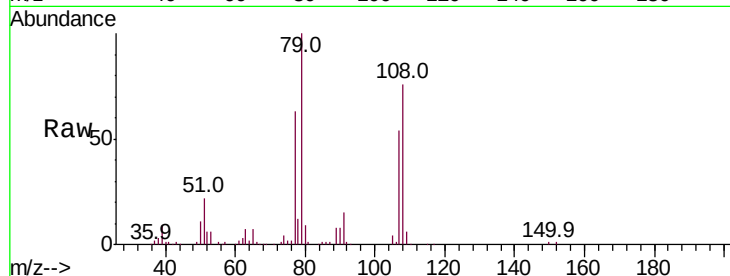
ClientSampleId :

PB119203BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	76.3	61.4	92.0	
77	62.9	51.6	77.4	

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.739 ng

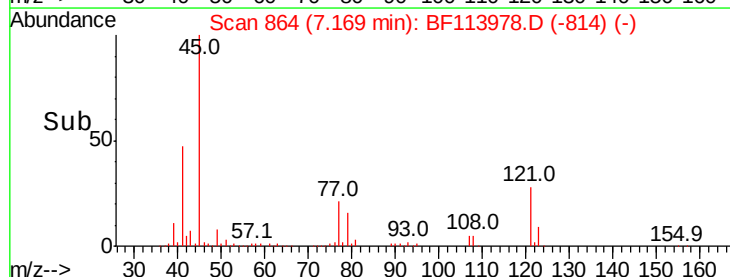
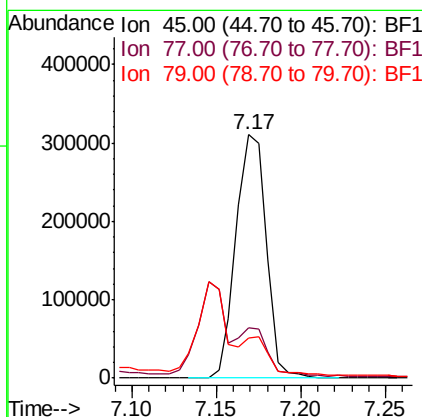
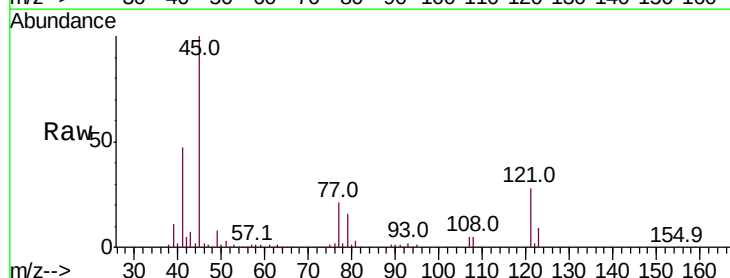
RT: 7.17 min Scan# 864

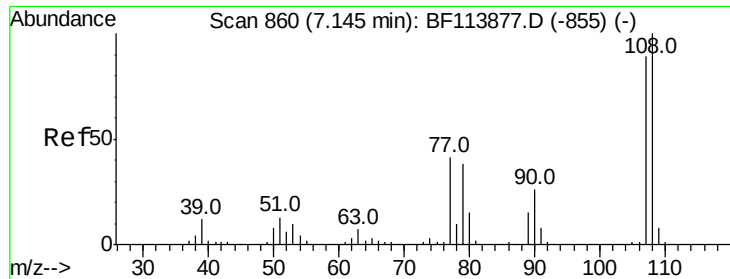
Delta R.T. -0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	20.9	0.0	37.0	
79	16.4	0.0	32.7	





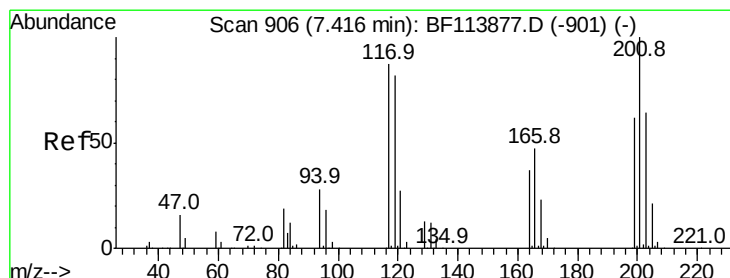
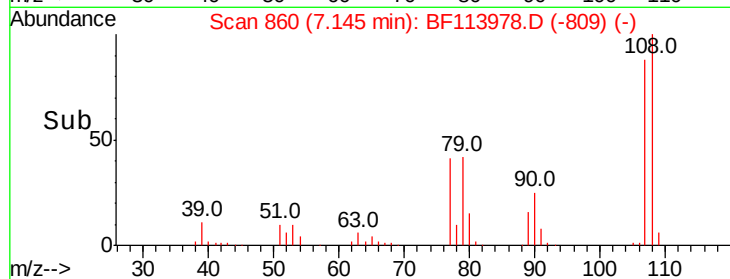
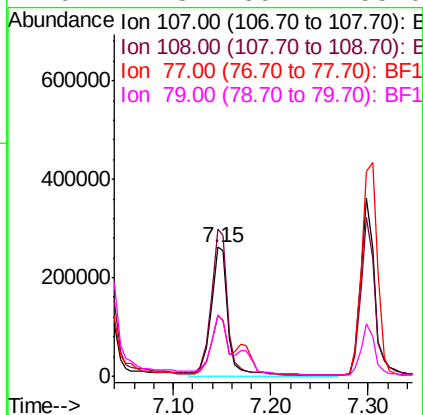
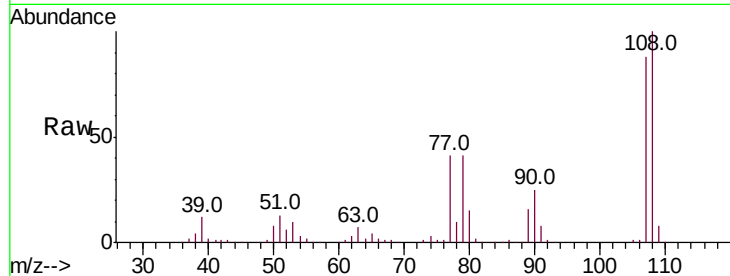
#17
2-Methylphenol
Concen: 43.144 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_F
ClientSampleId :
PB119203BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.2	91.5	137.3	
77	46.9	36.2	54.4	
79	47.3	35.4	53.0	

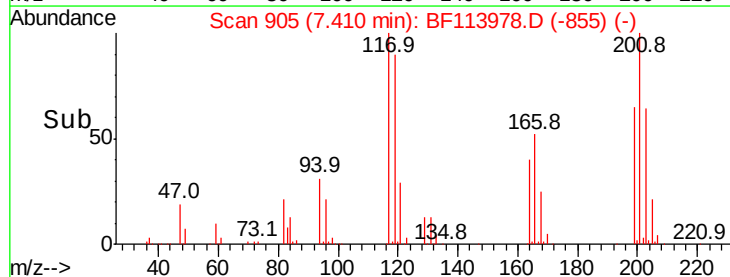
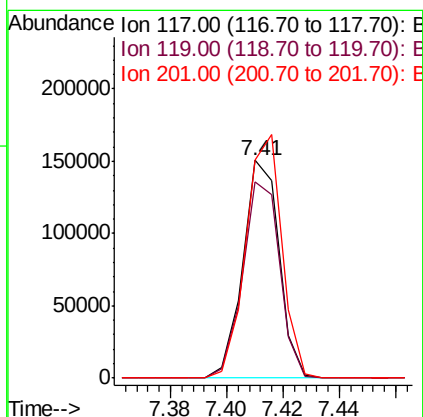
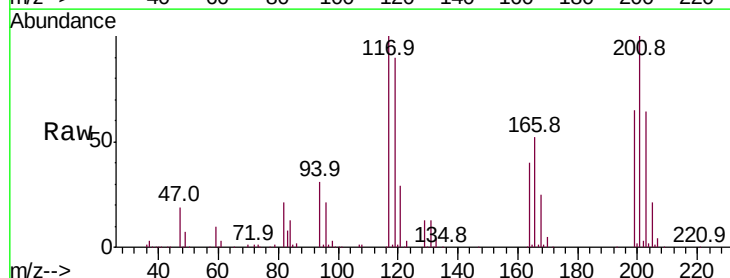
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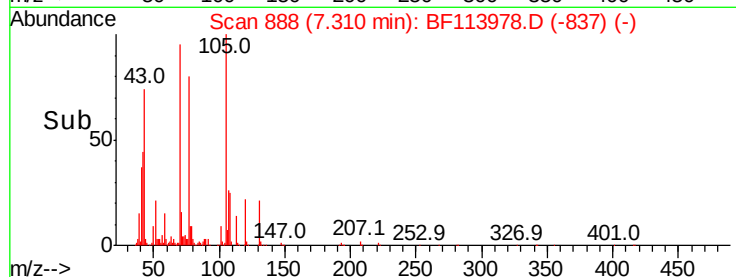
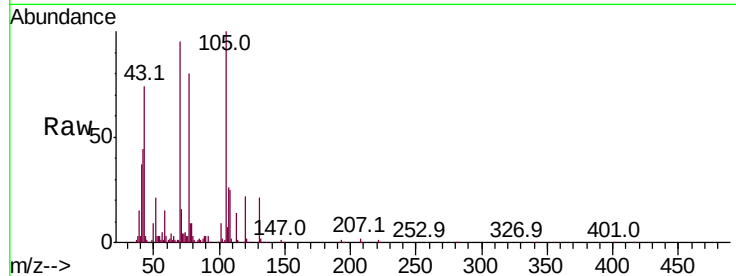
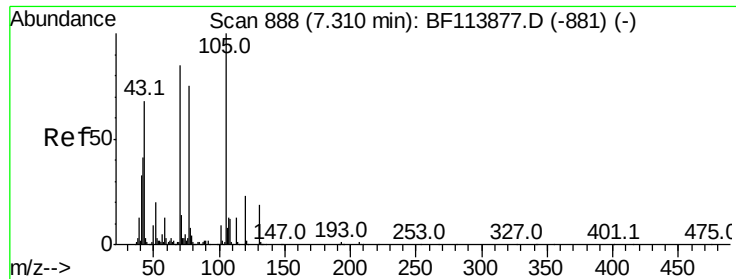
Sohil
4/29/2019 5:49:46 AM



#18
Hexachloroethane
Concen: 39.494 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	90.0	74.4	111.6	
201	100.1	90.2	135.2	





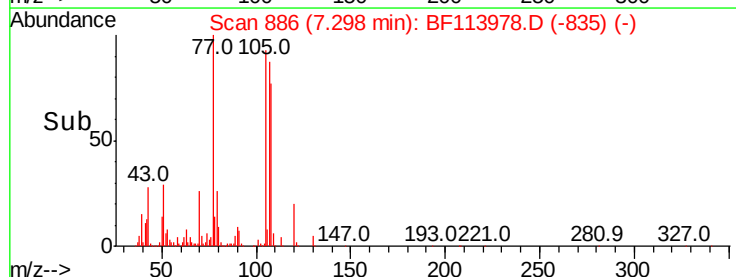
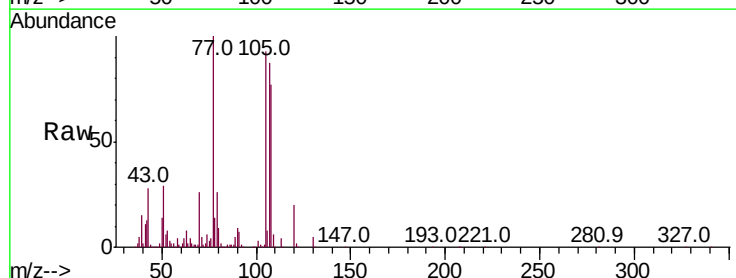
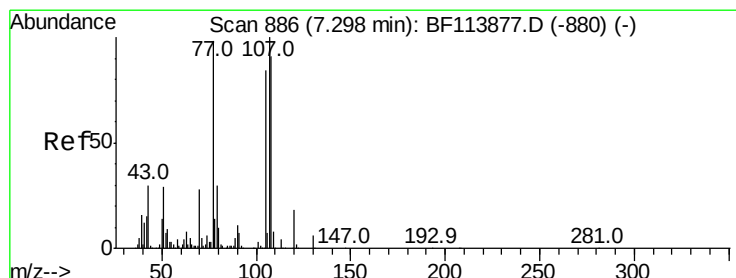
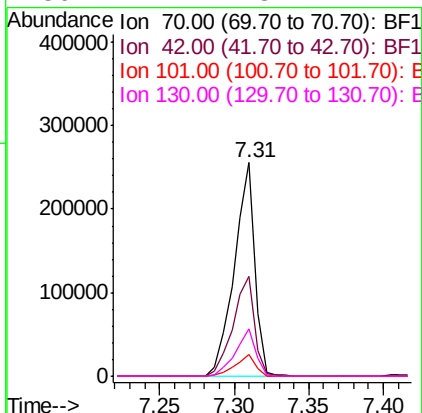
#19
n-Nitroso-di-n-propylamine
Concen: 41.070 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_F
ClientSampleId :
PB119203BS

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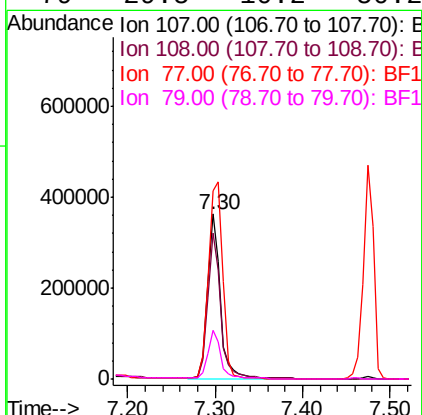
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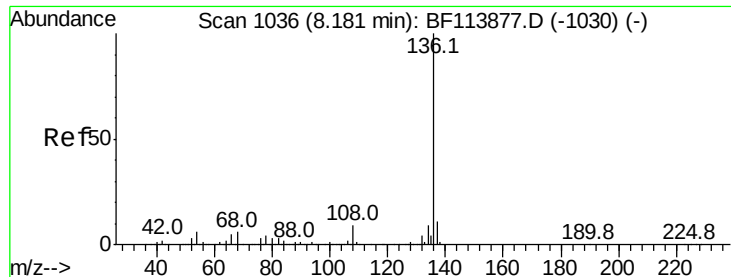
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.5	37.3	55.9
101	10.0	7.8	11.8
130	22.2	18.2	27.2



#20
3+4-Methylphenols
Concen: 44.135 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	70.1	110.1
77	114.4	52.9	92.9#
79	29.5	10.2	50.2





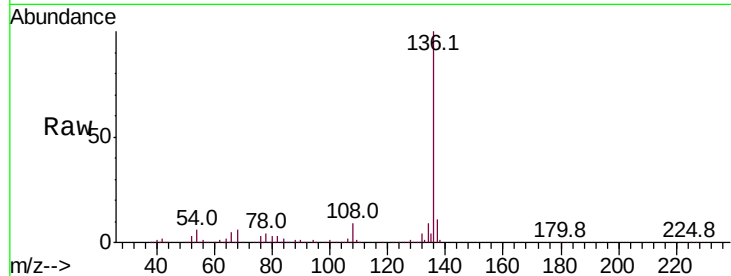
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_F
ClientSampleId :
PB119203BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	517418		
137	10.6		8.6	12.8
54	6.0		5.0	7.6
68	5.8		4.9	7.3

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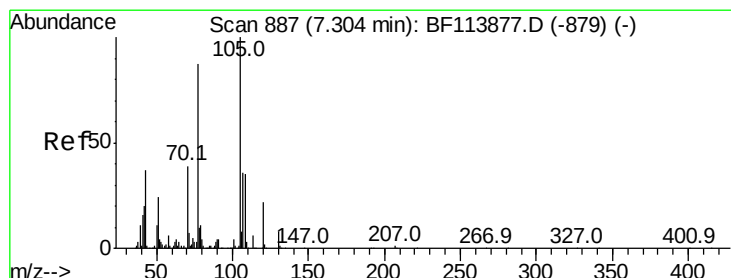
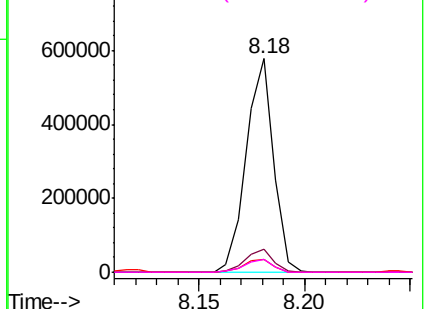
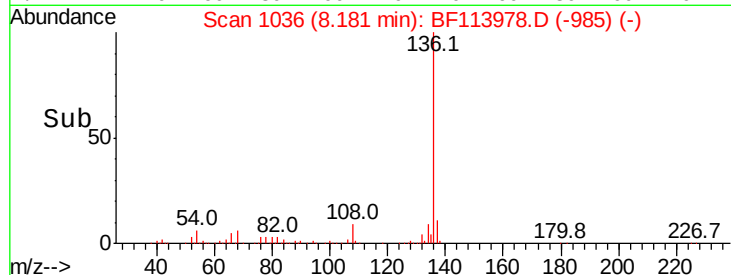
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

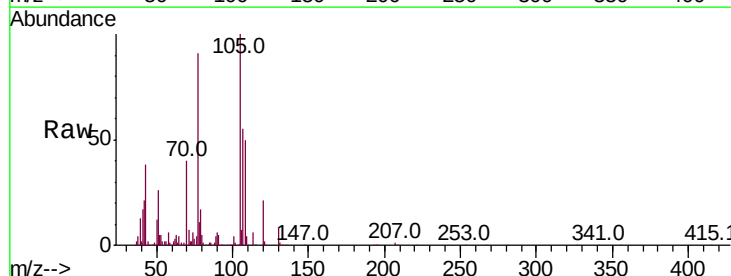
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 43.275 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	498276		
71	6.7		6.1	9.1
51	25.7		16.8	25.2#
120	21.4		17.6	26.4



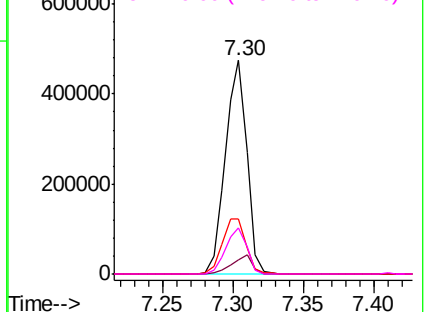
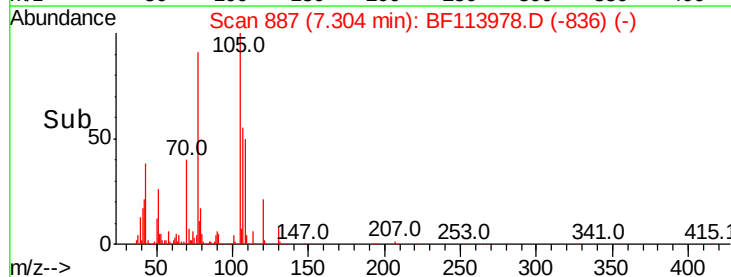
Abundance

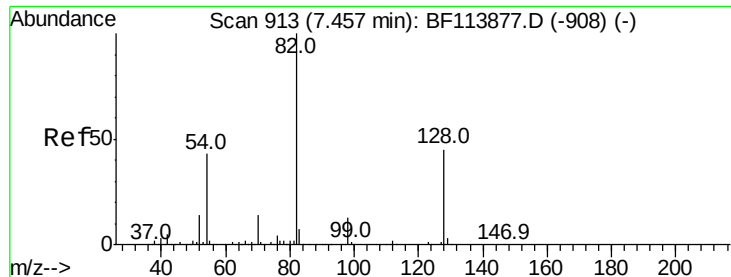
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





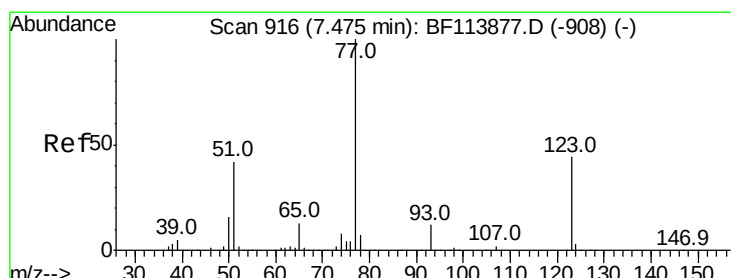
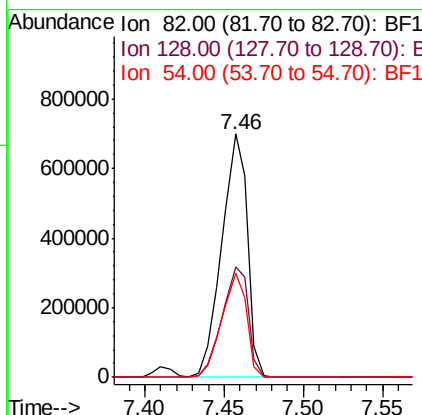
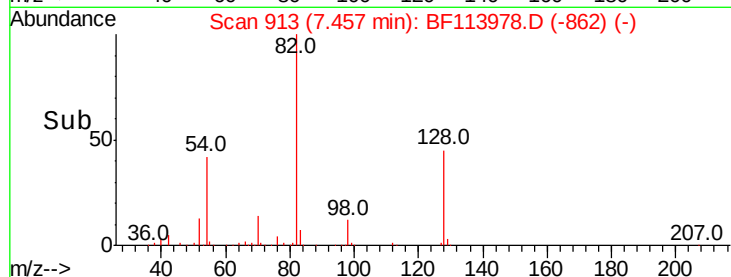
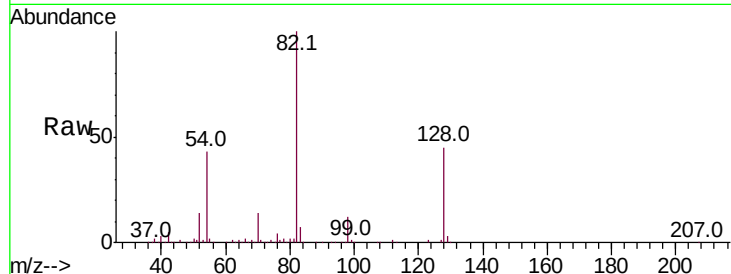
#23
 Nitrobenzene-d5
 Concen: 93.242 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB119203BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.8	55.2
54	42.8	33.8	50.6

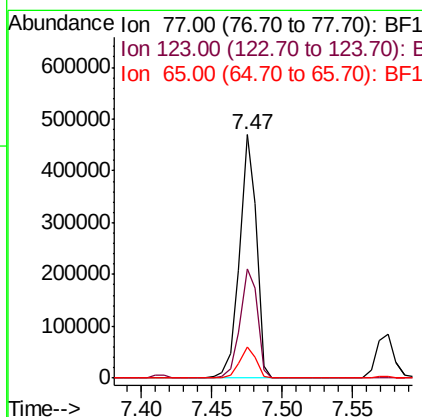
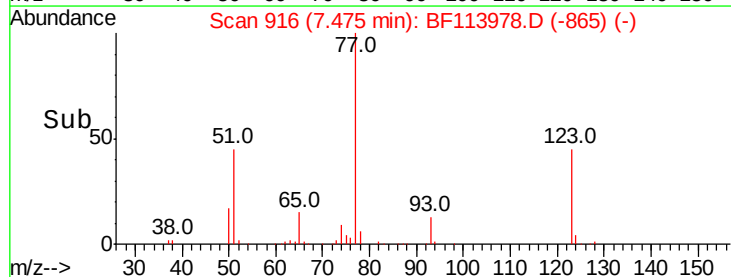
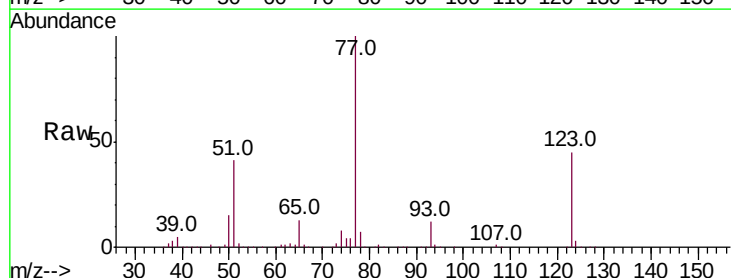
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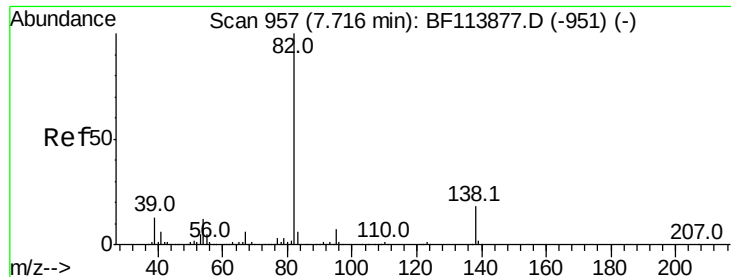
Sohil
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#24
 Nitrobenzene
 Concen: 41.895 ng
 RT: 7.47 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.8	36.3	54.5
65	12.8	10.3	15.5





#25

Isophorone

Concen: 41.053 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

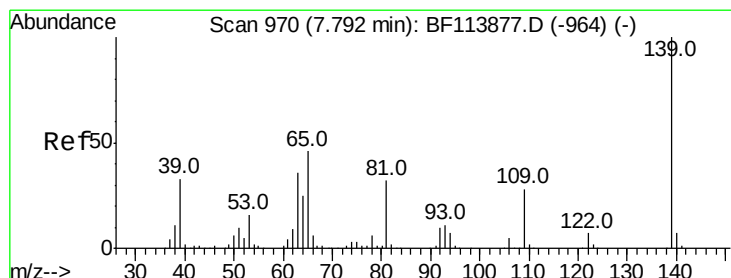
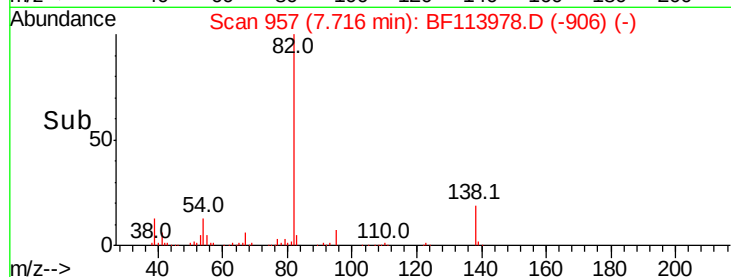
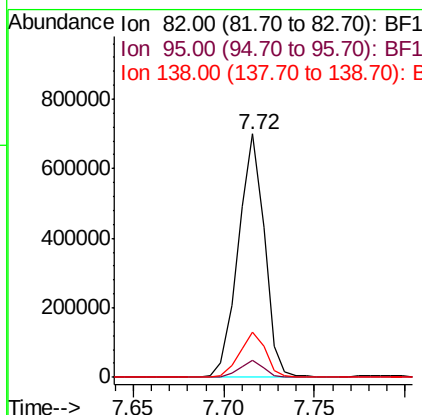
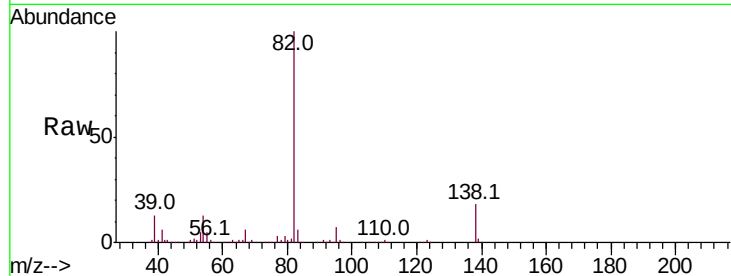
ClientSampleId :

PB119203BS

Tot Ion:	82	Resp:	703927
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	18.4	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.333 ng

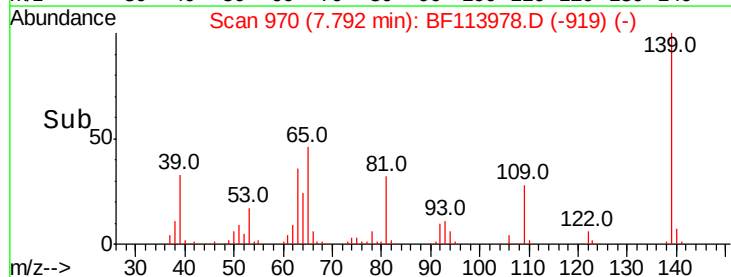
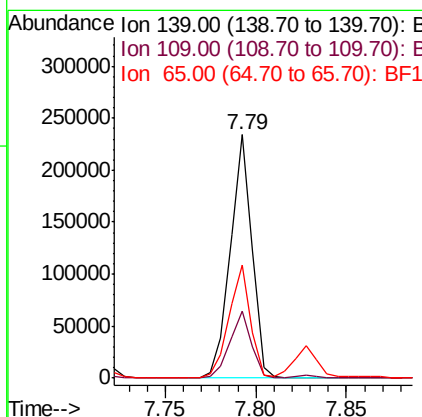
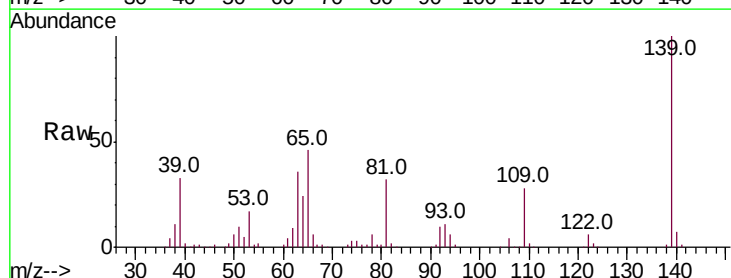
RT: 7.79 min Scan# 970

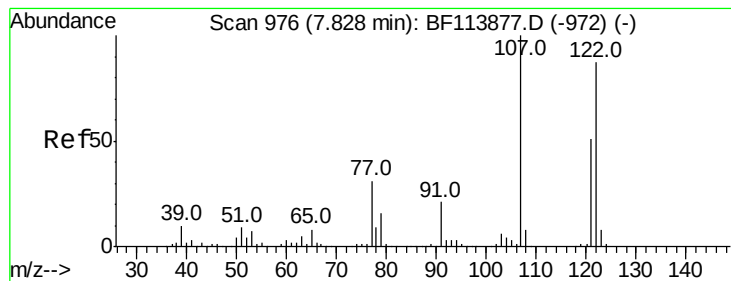
Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Tgt Ion:	139	Resp:	195725
Ion Ratio	Lower	Upper	
139	100		
109	27.6	20.6	31.0
65	46.4	34.6	52.0





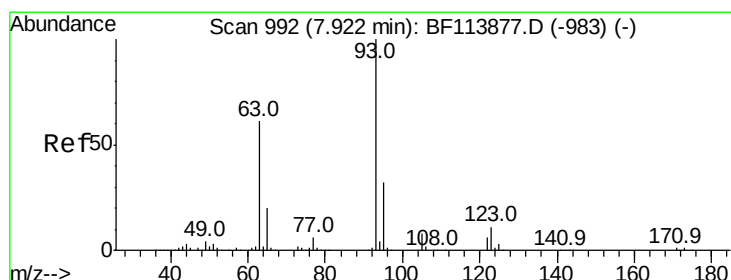
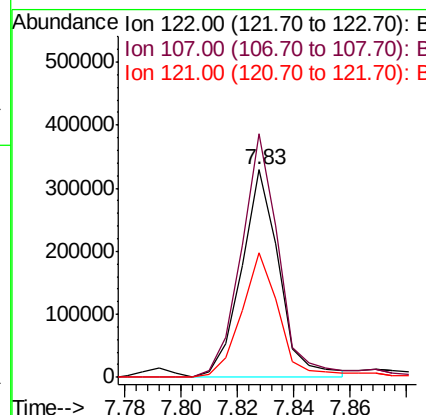
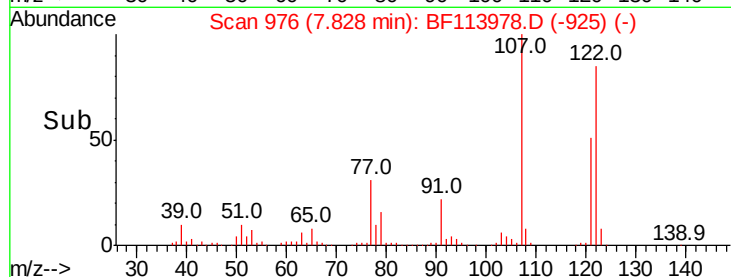
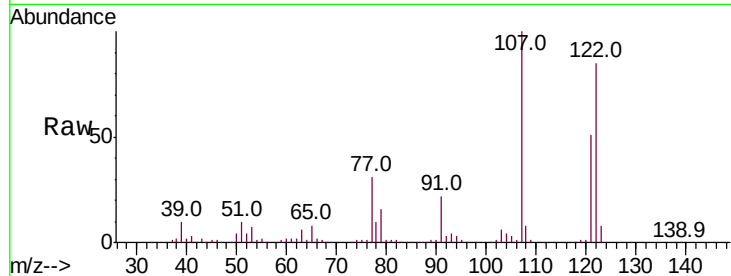
#27
2,4-Dimethylphenol
Concen: 44.401 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_F
ClientSampled :
PB119203BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	305590		
107	117.3	91.2	136.8	
121	59.8	46.4	69.6	

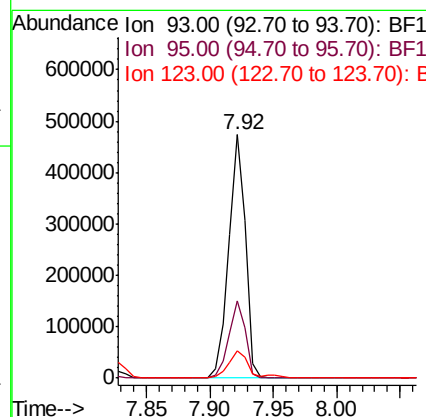
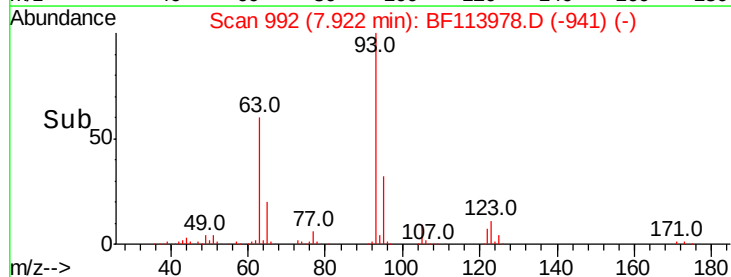
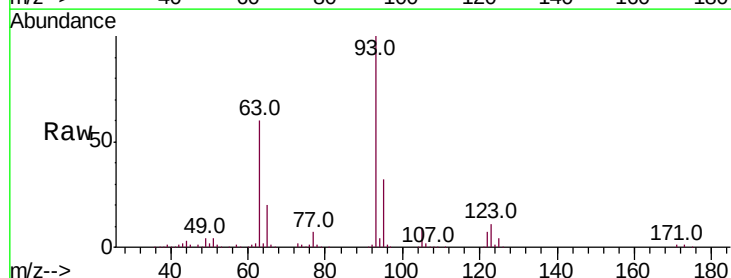
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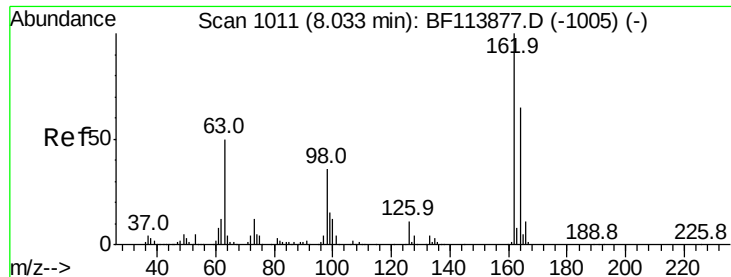
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 39.514 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	431749		
95	31.6	25.8	38.6	
123	11.1	9.0	13.6	





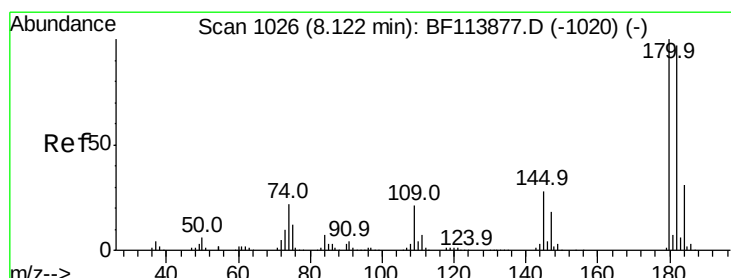
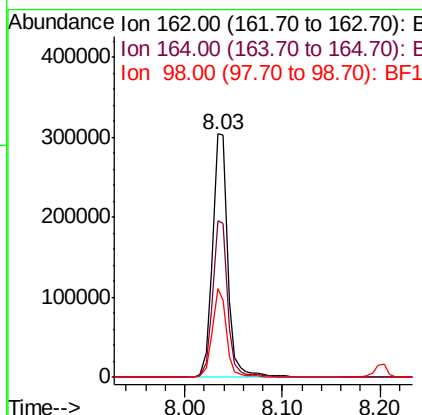
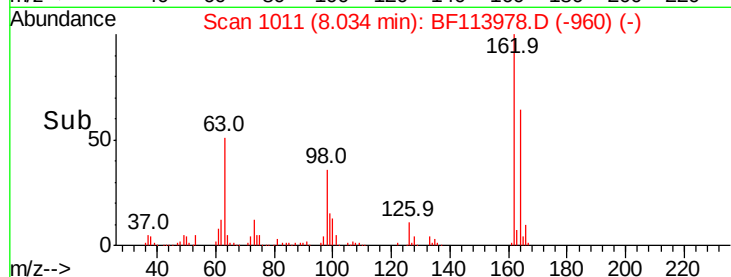
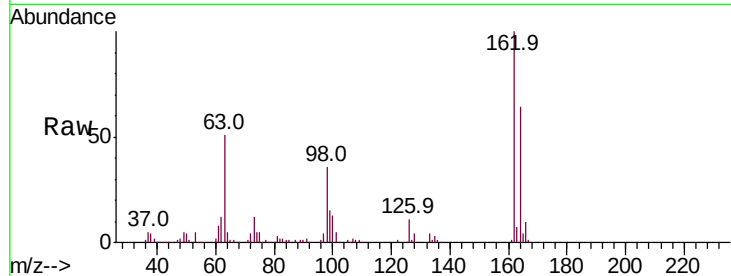
#29
2,4-Dichlorophenol
Concen: 42.095 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_F
ClientSampleId :
PB119203BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	331304		
164	64.1	43.7	83.7	
98	36.5	15.5	55.5	

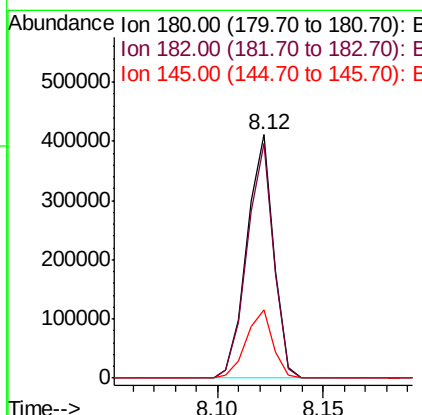
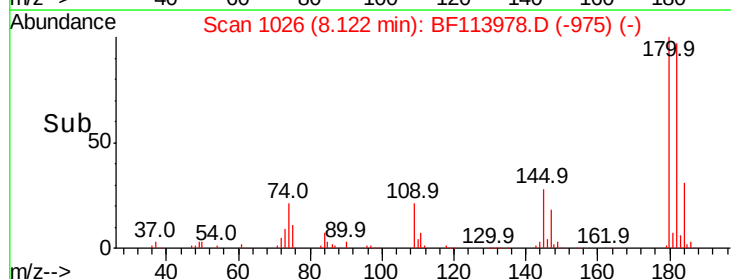
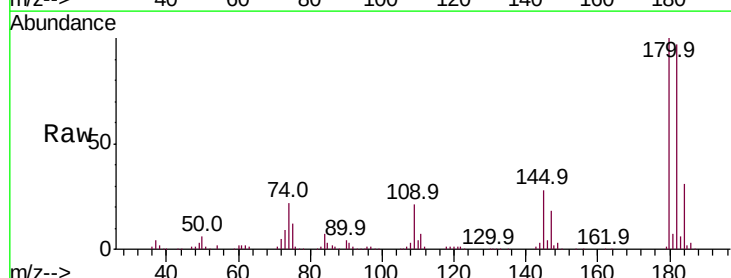
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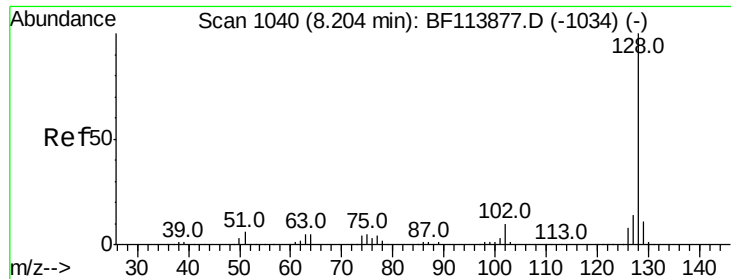
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 41.299 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	362419		
182	96.5	75.4	113.0	
145	27.9	23.0	34.4	





#31

Naphthalene

Concen: 42.075 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

ClientSampleId :

PB119203BS

Tot Ion:128 Resp: 1034203

Ion Ratio Lower Upper

128 100

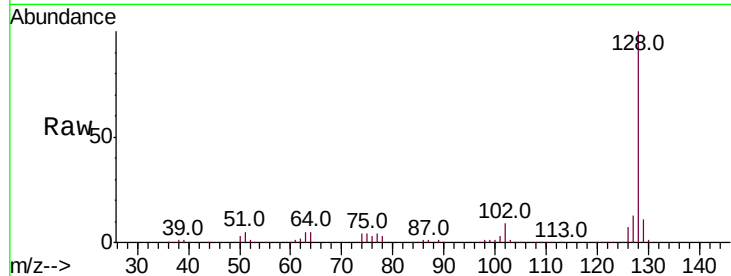
129 11.1 9.4 14.0

127 13.4 10.8 16.2

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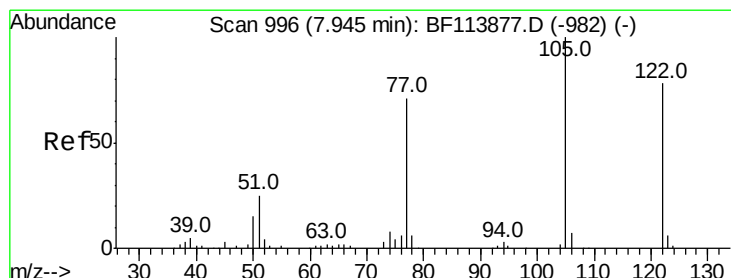
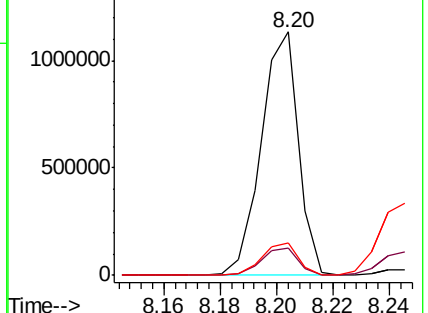
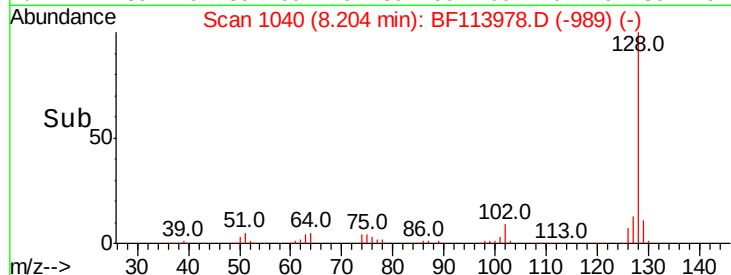
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.342 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

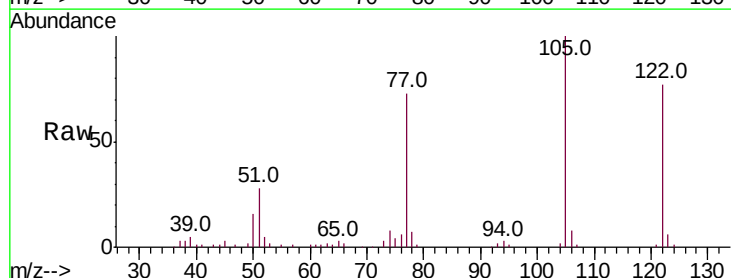
Tgt Ion:122 Resp: 168911

Ion Ratio Lower Upper

122 100

105 130.1 104.3 144.3

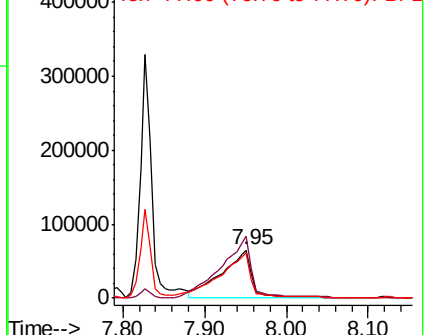
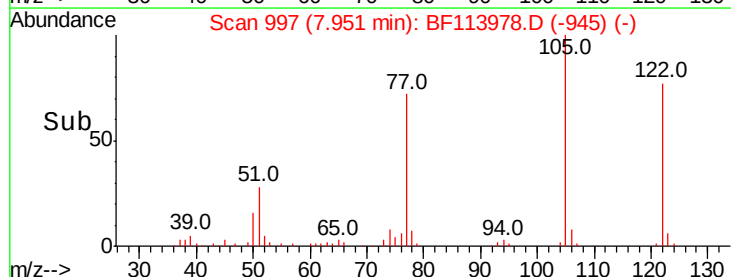
77 95.1 70.4 110.4

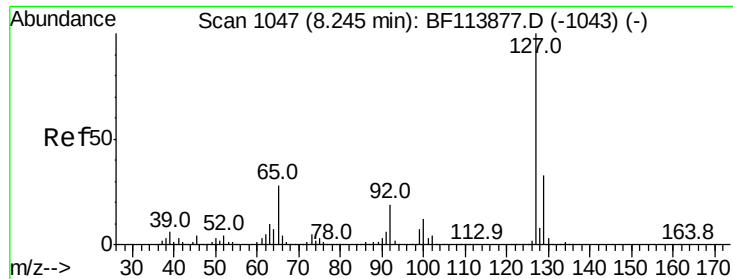


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





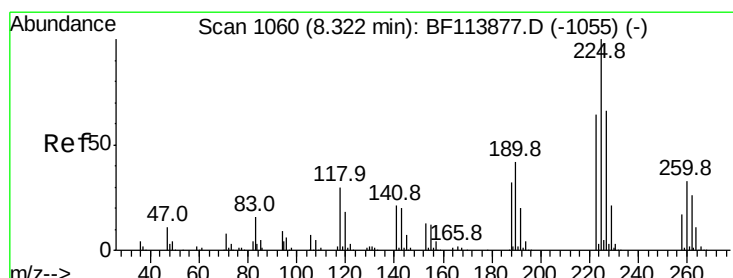
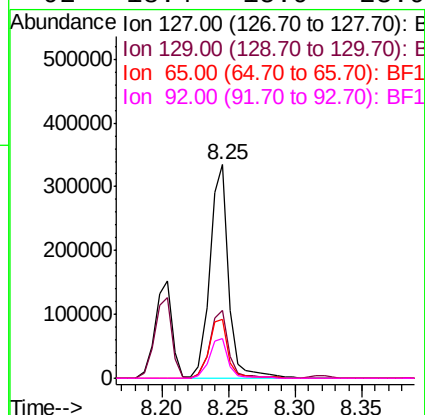
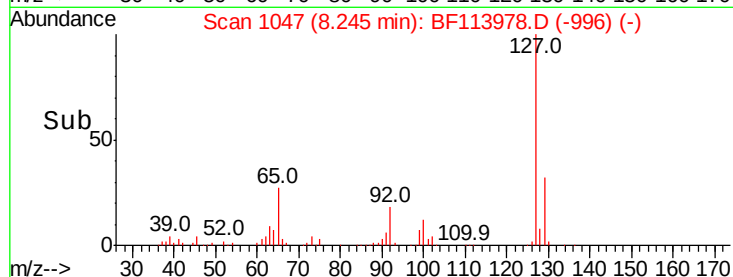
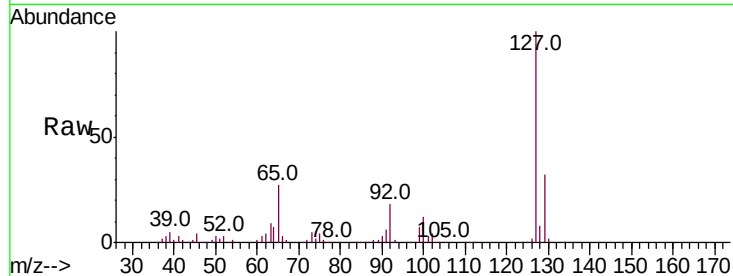
#33
4-Chloroaniline
Concen: 31.368 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_F
ClientSampled :
PB119203BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.8	26.4	39.6	
65	27.3	24.9	37.3	
92	18.4	15.9	23.9	

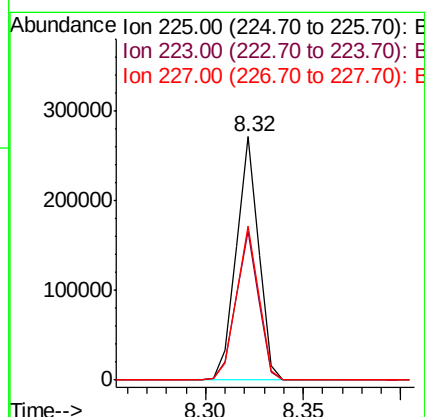
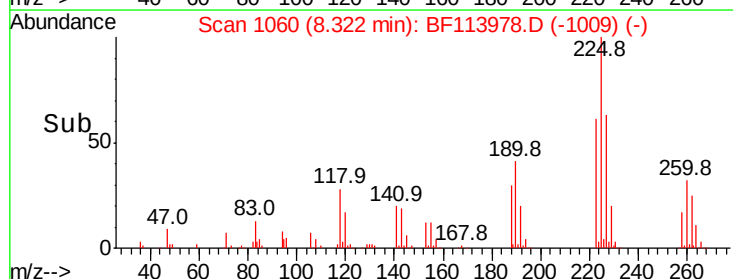
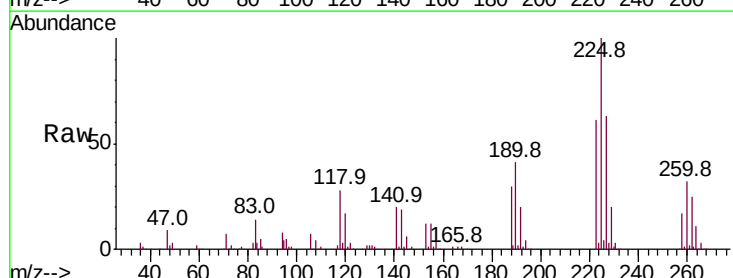
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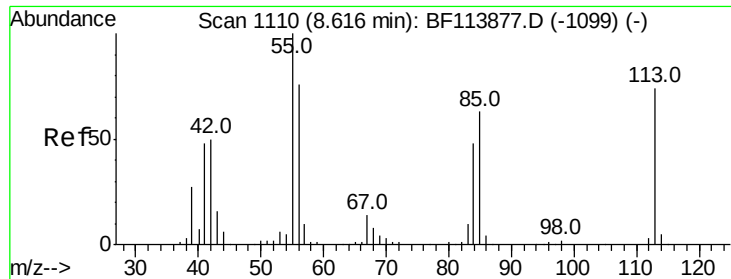
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#34
Hexachlorobutadiene
Concen: 39.669 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.3	51.1	76.7	
227	63.4	49.9	74.9	





#35

Caprolactam

Concen: 42.220 ng/mL

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

ClientSampleID :

PB119203BS

Tot Ion:113 Resp: 105702

Ion Ratio Lower Upper

113 100

55 135.0 128.6 168.6

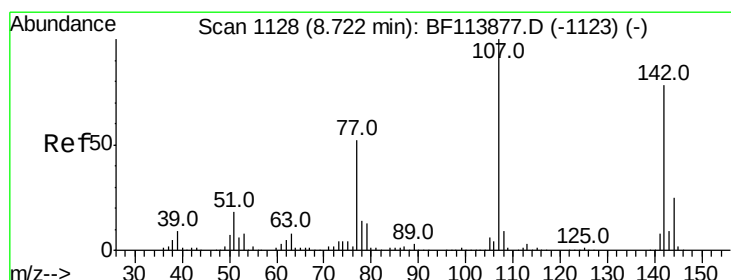
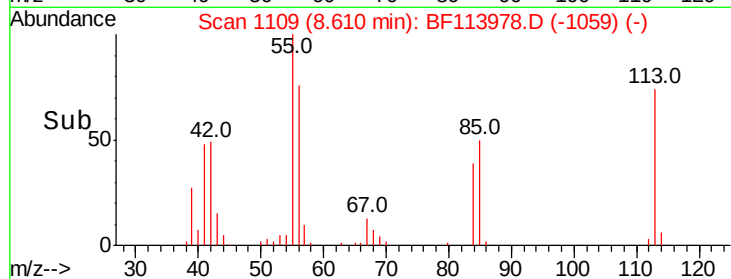
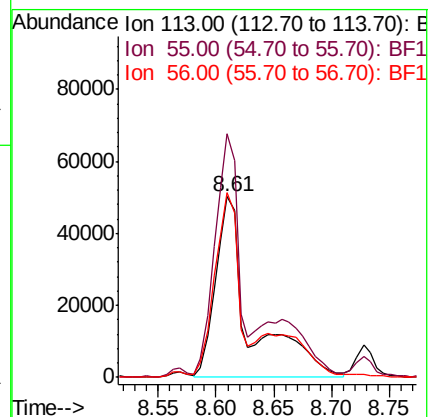
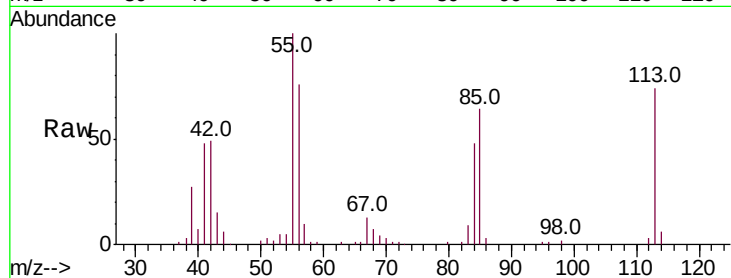
56 102.8 91.9 131.9

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#36

4-Chloro-3-methylphenol

Concen: 42.529 ng/mL

RT: 8.73 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

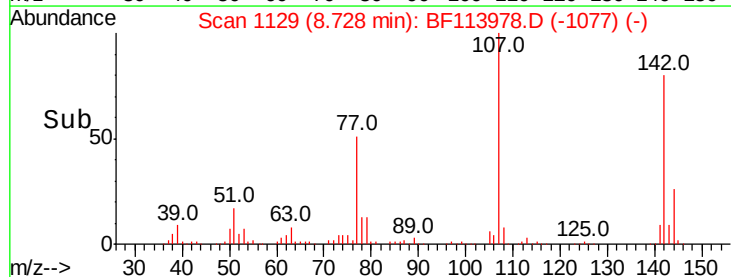
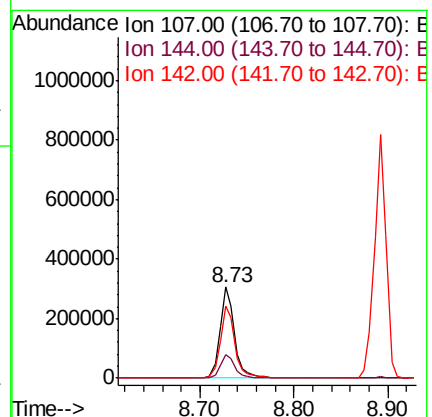
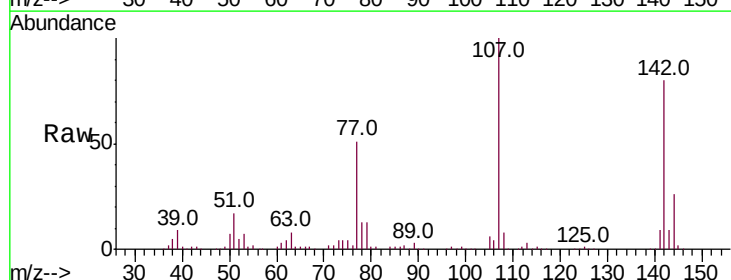
Tgt Ion:107 Resp: 331615

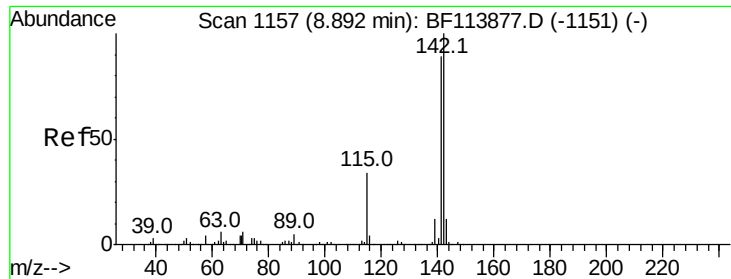
Ion Ratio Lower Upper

107 100

144 25.9 20.5 30.7

142 79.7 64.2 96.4





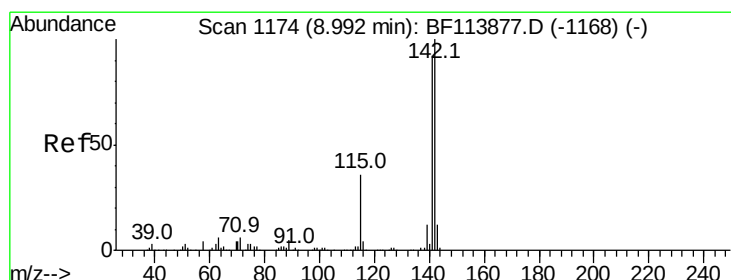
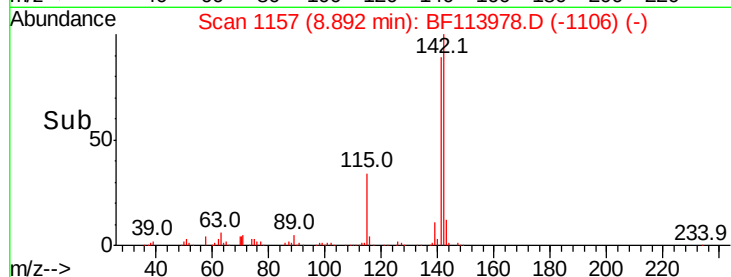
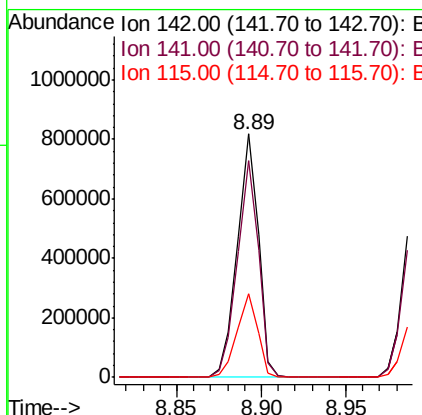
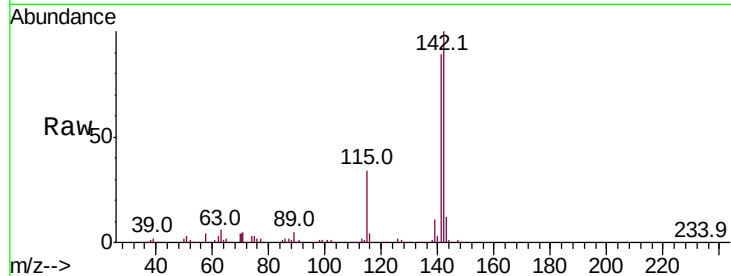
#37
 2-Methylnaphthalene
 Concen: 43.103 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

Instrument :
 BNA_F
 ClientSampleID :
 PB119203BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.4	105.6
115	34.2	26.3	39.5

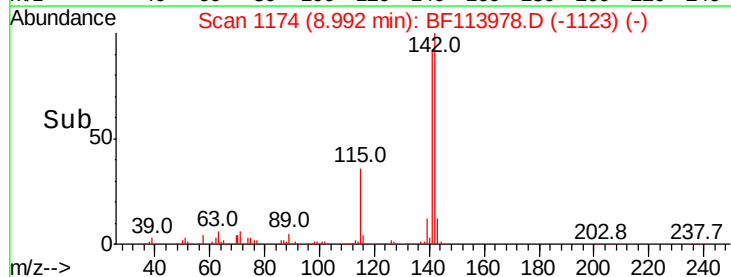
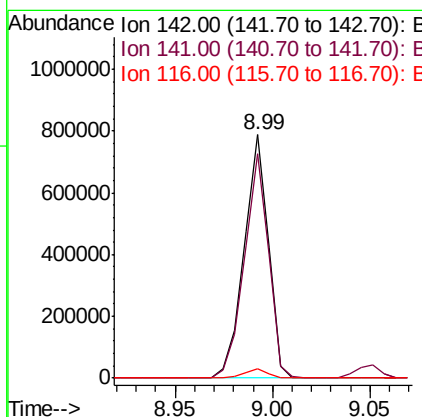
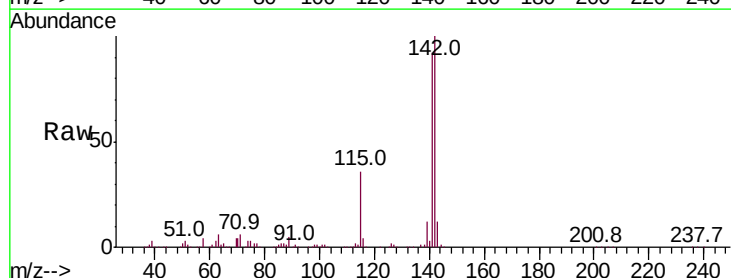
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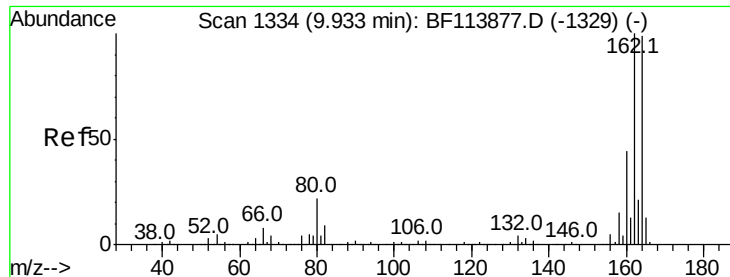
Sohil
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#38
 1-Methylnaphthalene
 Concen: 42.256 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.3	108.5
116	3.7	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

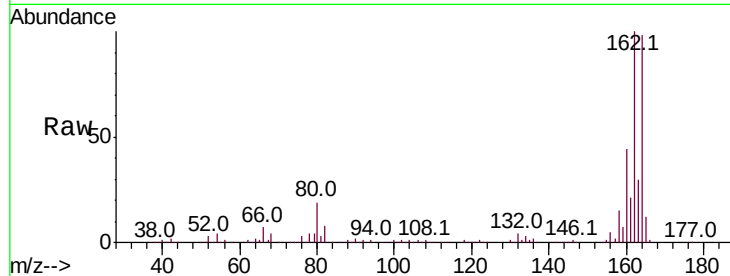
ClientSampleId :

PB119203BS

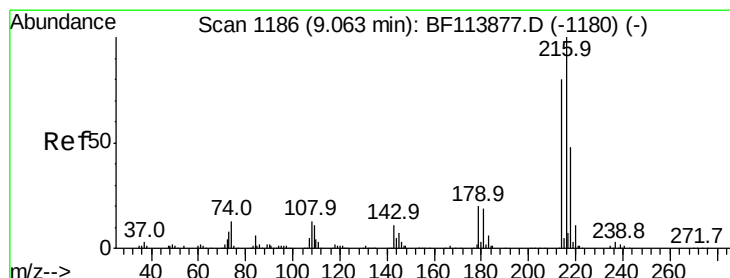
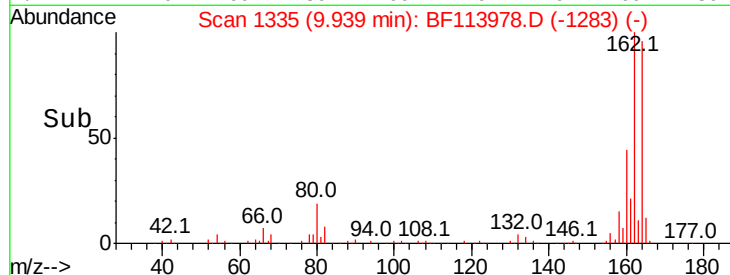
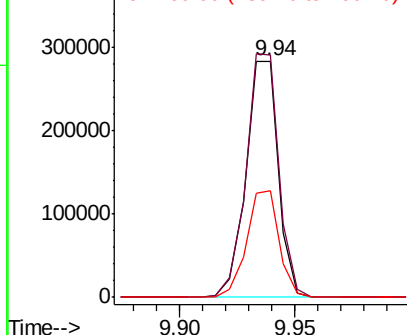
Tot Ion:	164	Resp:	278124
Ion Ratio	Lower	Upper	
164	100		
162	102.3	81.1	121.7
160	45.2	35.8	53.6

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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: 40.828 ng

RT: 9.06 min Scan# 1186

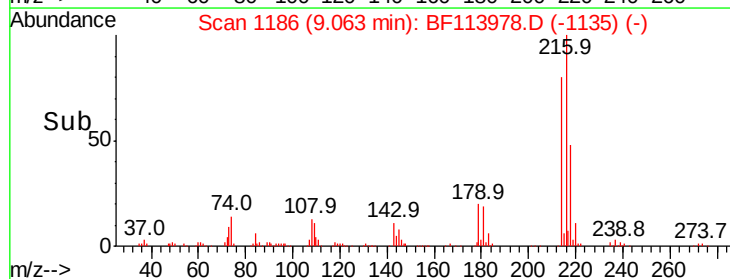
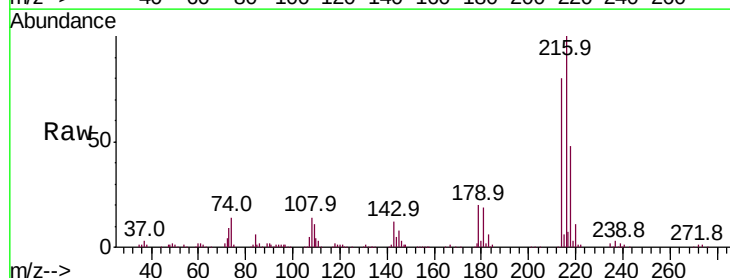
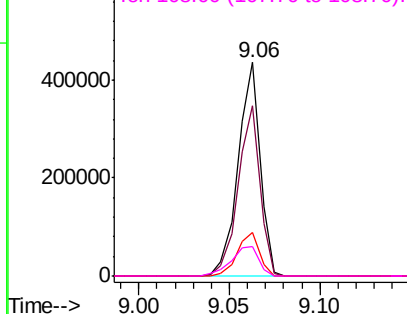
Delta R.T. 0.00 min

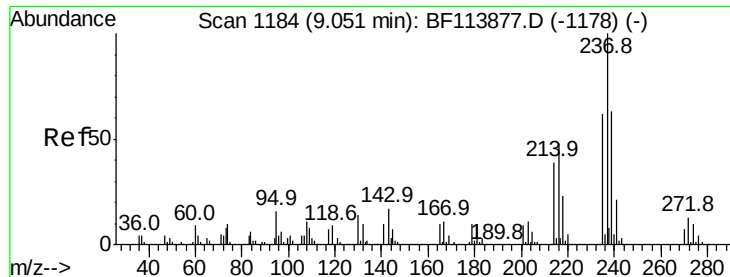
Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Tgt Ion:	216	Resp:	368855
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.5	95.3
179	20.6	16.1	24.1
108	17.3	13.4	20.0

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





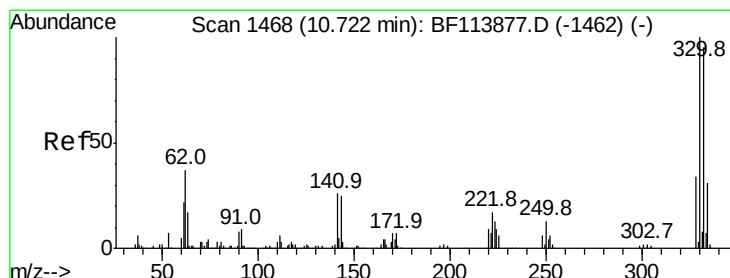
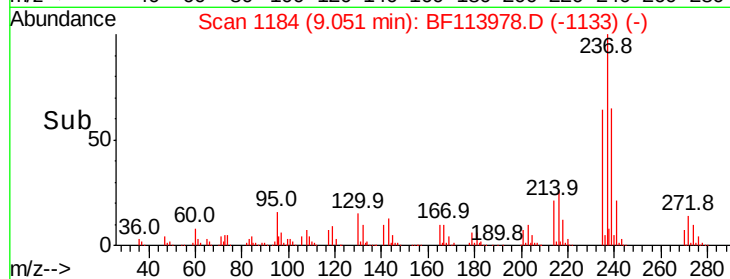
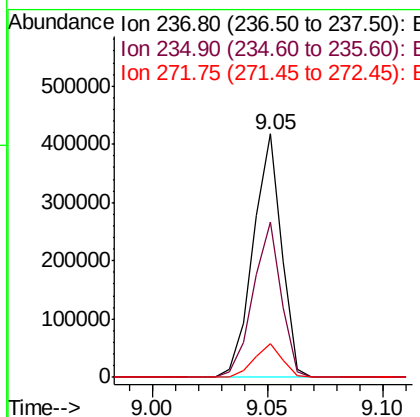
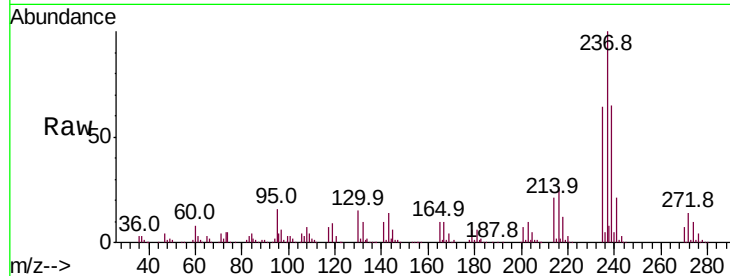
#41
Hexachlorocyclopentadiene
Concen: 71.182 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_F
ClientSampleId :
PB119203BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	358609		
235	63.9	42.6	82.6	
272	13.6	0.0	33.8	

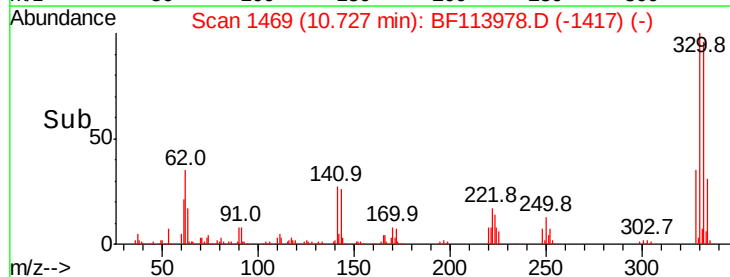
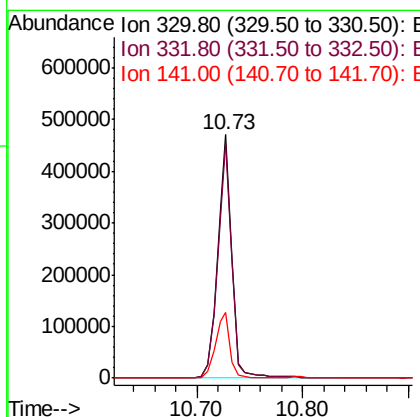
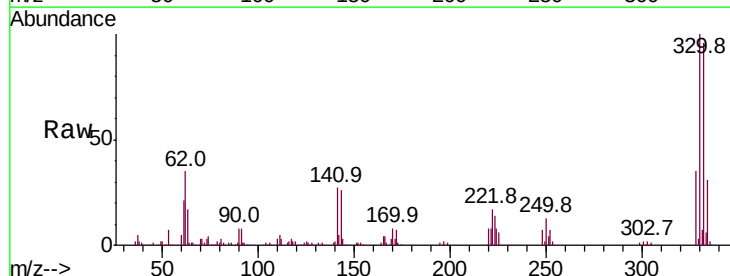
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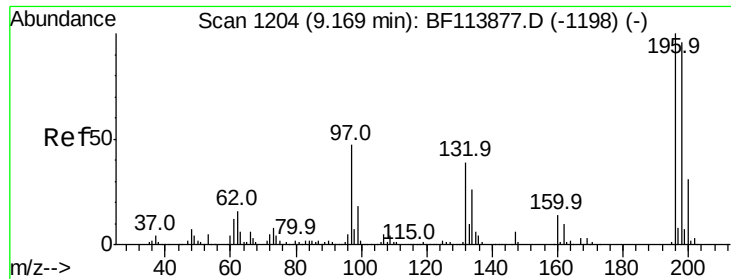
Sohil
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#42
2,4,6-Tribromophenol
Concen: 131.859 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	446755		
332	96.7	77.5	116.3	
141	27.5	22.2	33.2	





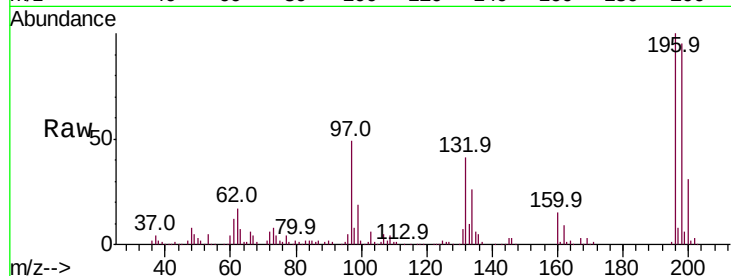
#43
 2,4,6-Trichlorophenol
 Concen: 43.437 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB119203BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	249190		
198	95.1	75.6	113.4	
200	31.1	24.7	37.1	

Manual Integrations
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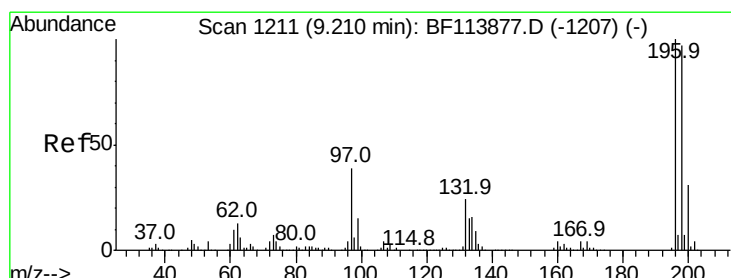
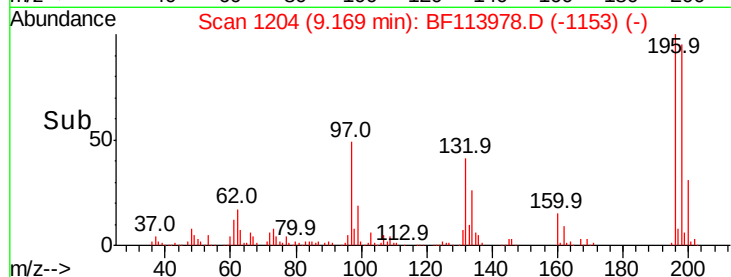
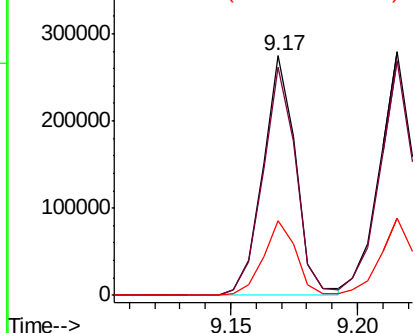


Abundance

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: 42.677 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	274612		
198	96.4	76.2	114.4	
97	42.9	35.8	53.8	
132	25.7	20.9	31.3	

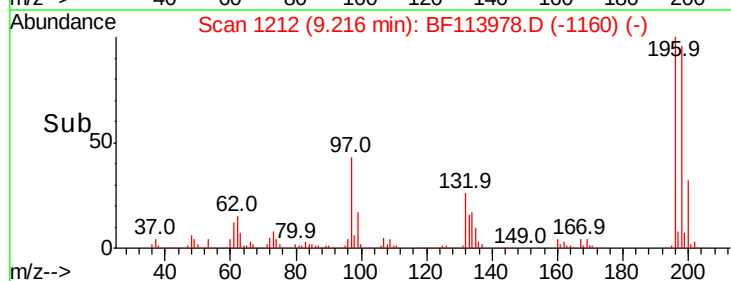
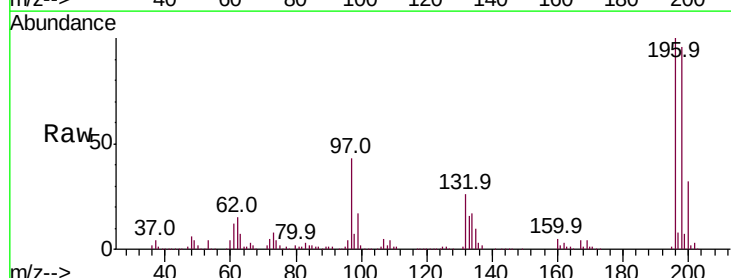
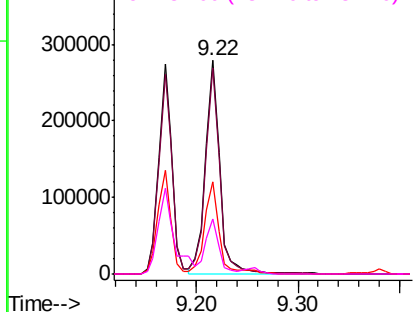
Abundance

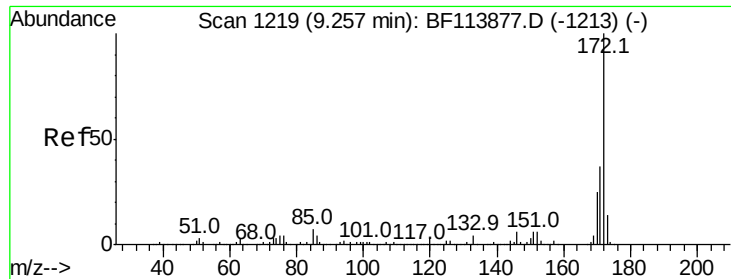
Ion 196.00 (195.70 to 196.70): E

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





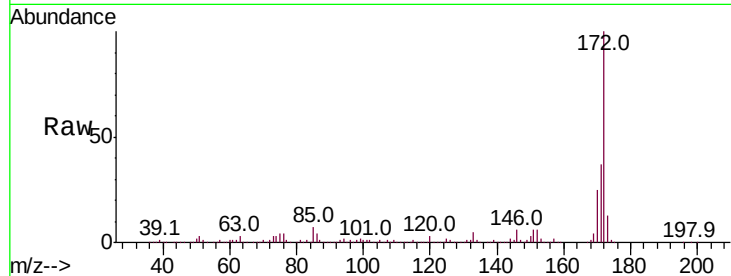
#45
2-Fluorobiphenyl
Concen: 85.336 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_F
ClientSampleId :
PB119203BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	24.9	19.9	29.9

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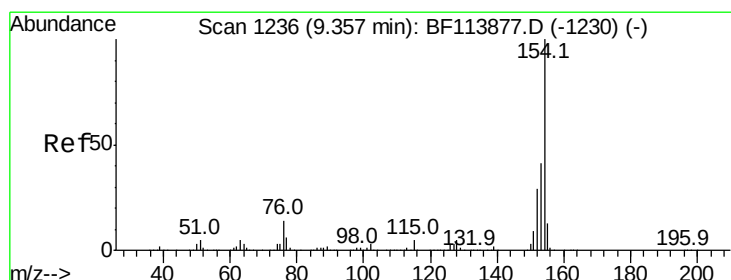
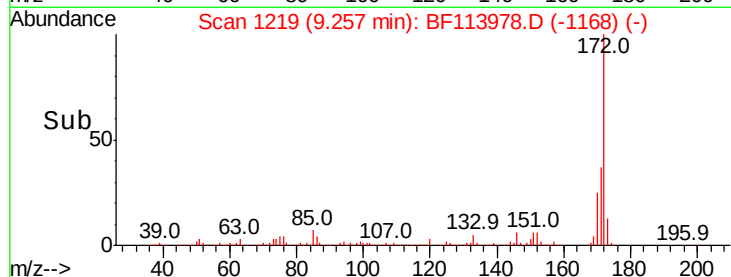
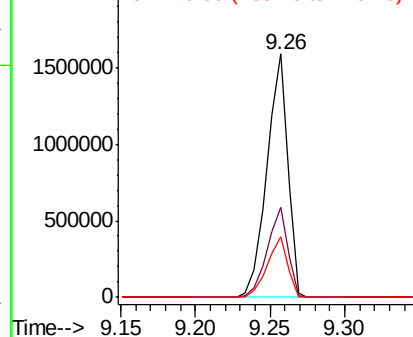


Abundance

Ion 172.00 (171.70 to 172.70): E

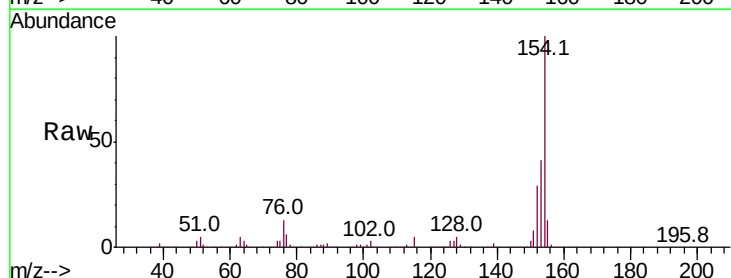
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.979 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.8	60.8
76	13.1	0.0	35.2

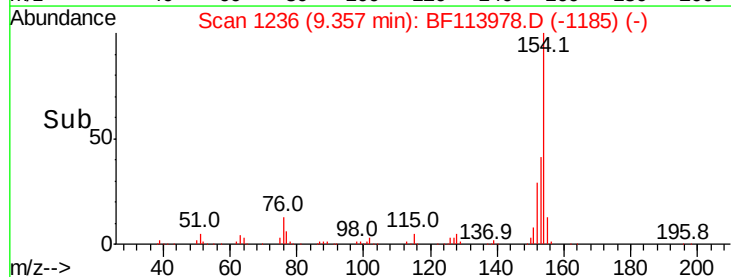
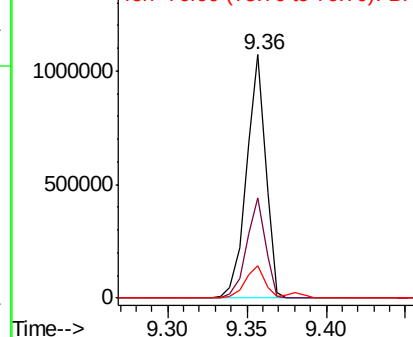


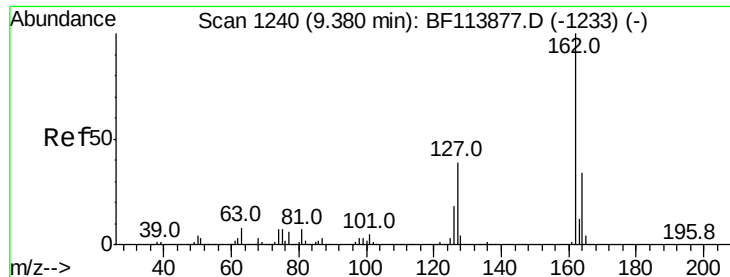
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





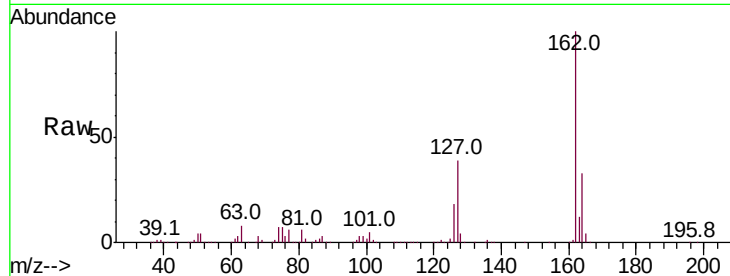
#47
 2-Chloronaphthalene
 Concen: 42.056 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

Instrument :
 BNA_F
 ClientSampled :
 PB119203BS

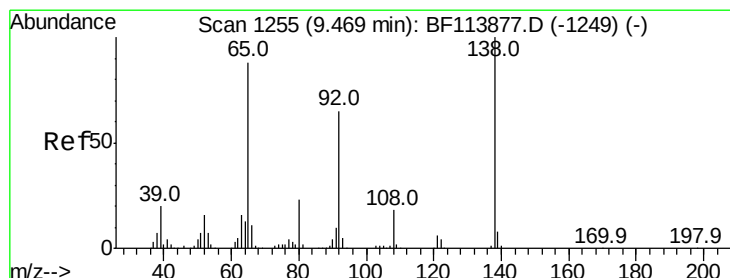
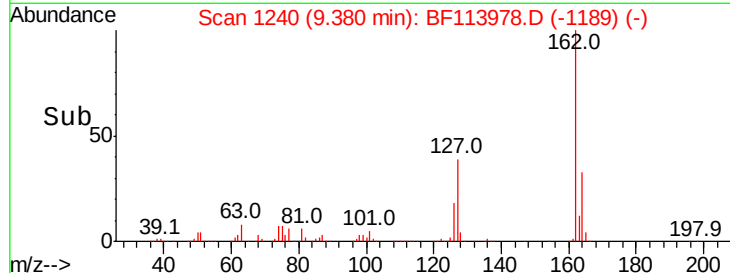
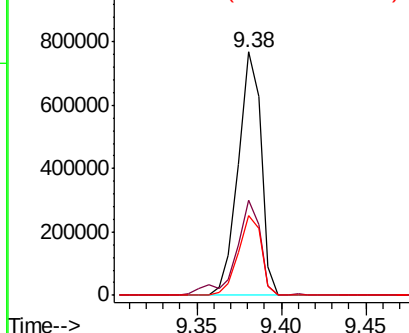
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	38.9	29.3	43.9		
164	32.6	27.1	40.7		

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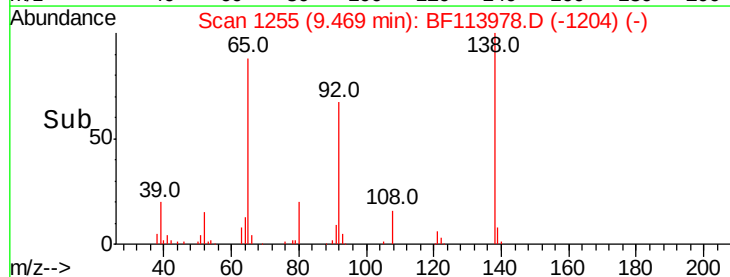
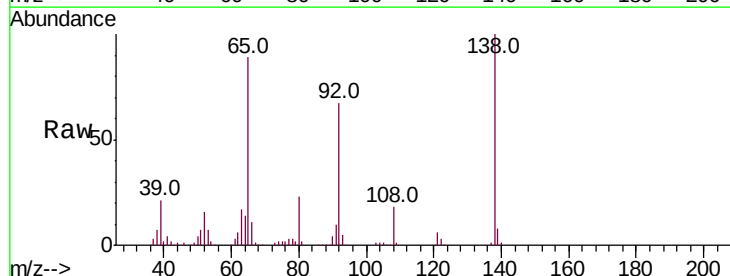
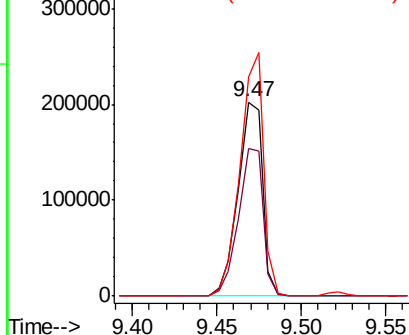
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

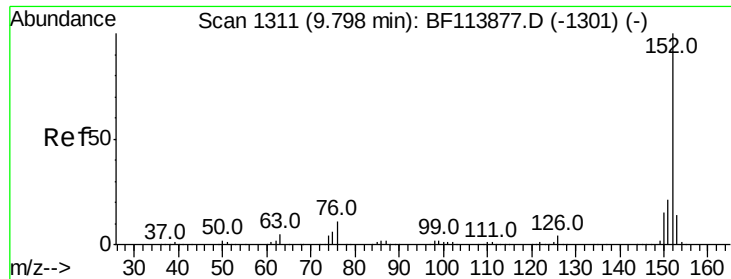


#48
 2-Nitroaniline
 Concen: 45.433 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	76.0	57.4	86.0		
138	112.7	85.4	128.0		

Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.177 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

ClientSampleId :

PB119203BS

Tot Ion:152 Resp: 1113822

Ion Ratio Lower Upper

152 100

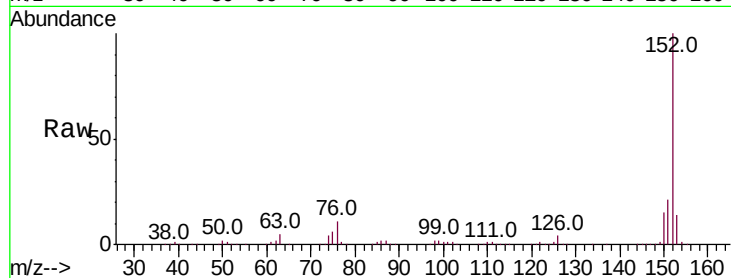
151 20.5 17.0 25.4

153 13.7 11.0 16.6

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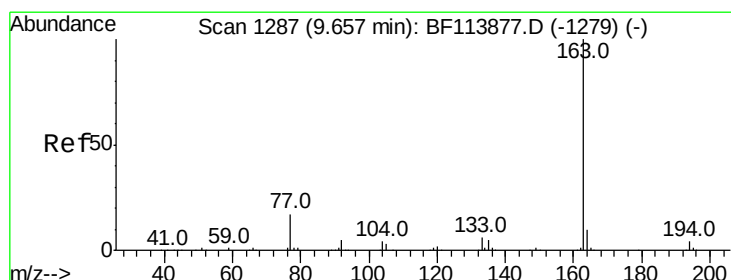
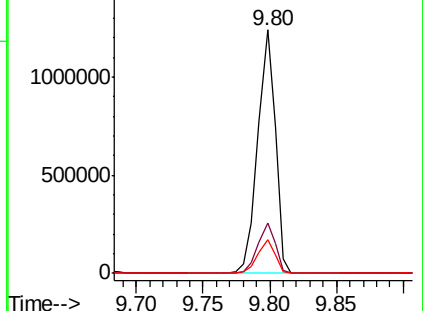
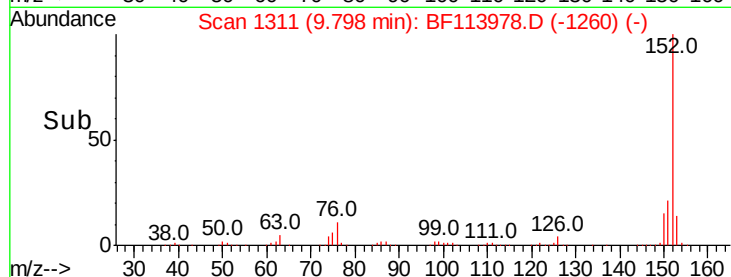
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.476 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

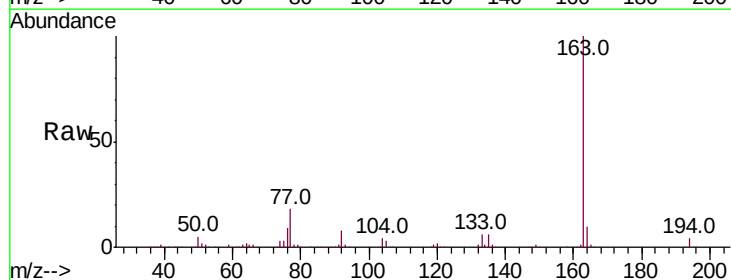
Tgt Ion:163 Resp: 854382

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

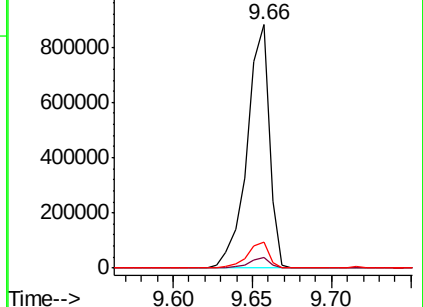
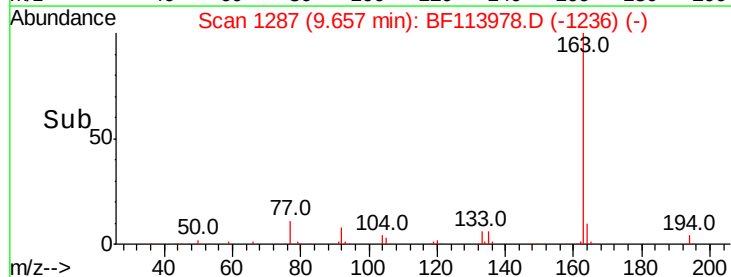
164 10.4 8.5 12.7

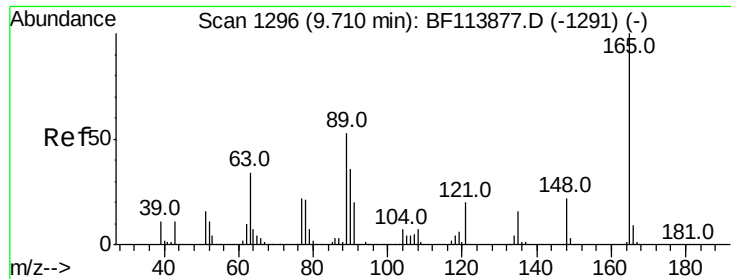


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.597 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

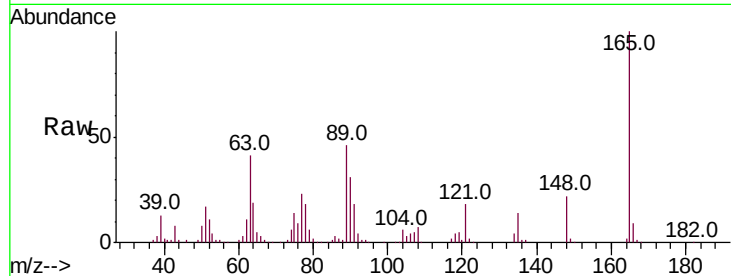
ClientSampleId :

PB119203BS

Tot Ion:	165	Resp:	196766
Ion Ratio	Lower	Upper	
165	100		
63	41.1	33.8	50.8
89	45.9	38.2	57.2

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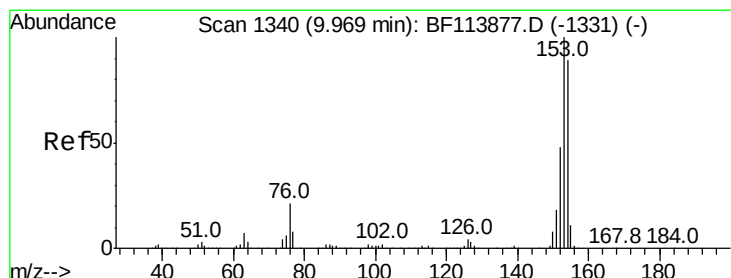
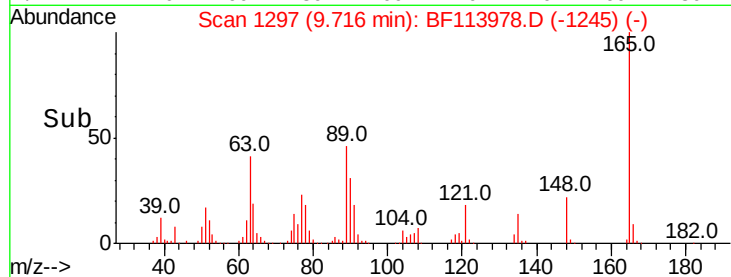
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

9.72

Time-->



#52

Acenaphthene

Concen: 46.769 ng

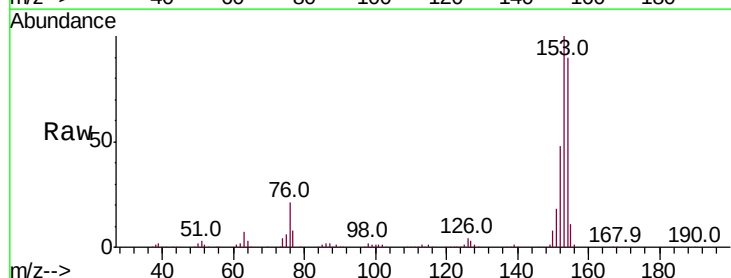
RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Tgt Ion:	154	Resp:	747627
Ion Ratio	Lower	Upper	
154	100		
153	110.9	87.2	130.8
152	52.7	42.3	63.5



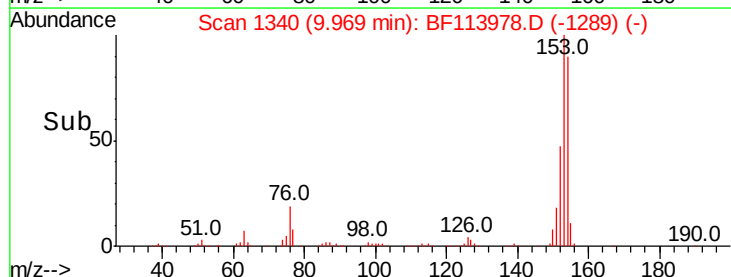
Abundance Ion 154.00 (153.70 to 154.70): E

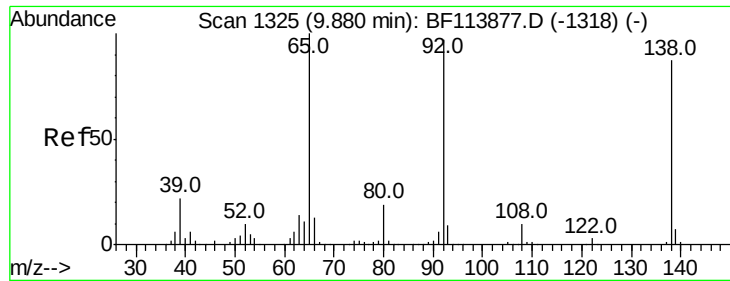
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

9.97

Time-->





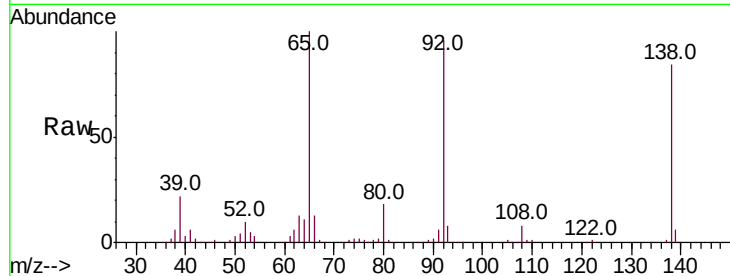
#53
3-Nitroaniline
Concen: 35.221 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_F
ClientSampleId :
PB119203BS

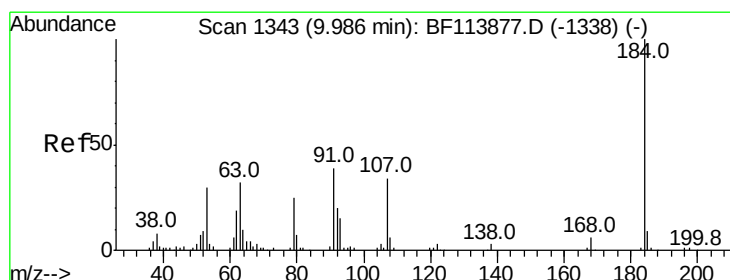
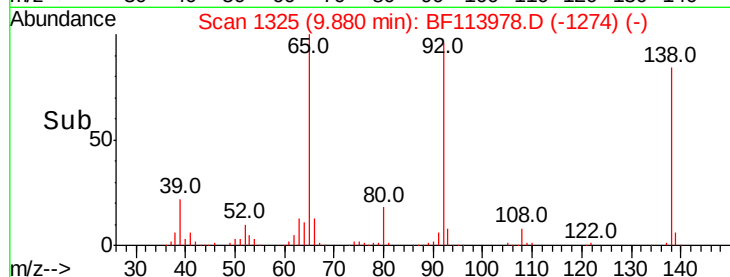
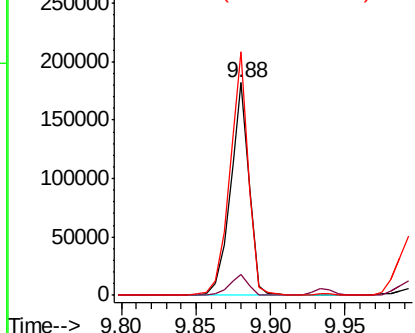
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	9.4	14.2
92	114.7	94.1	141.1

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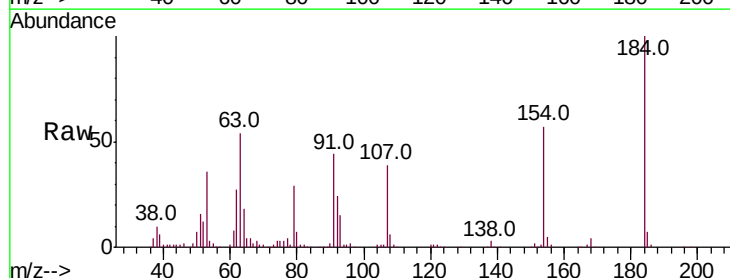


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

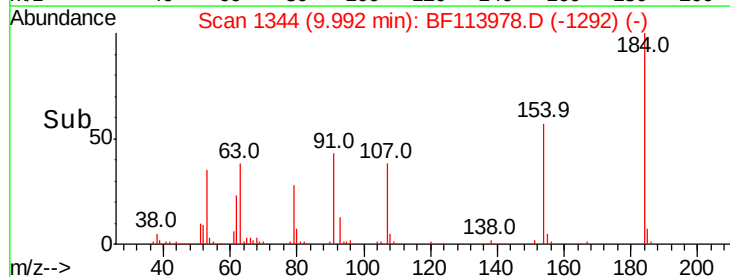
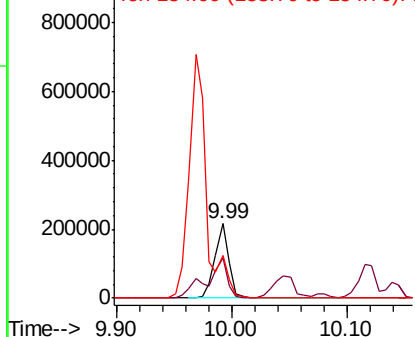


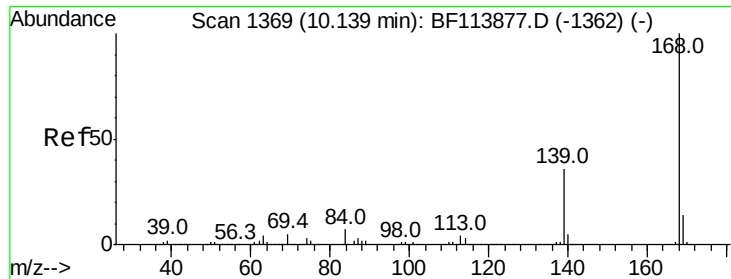
#54
2,4-Dinitrophenol
Concen: 96.551 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.8	54.6	81.8#
154	57.2	218.6	328.0#



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





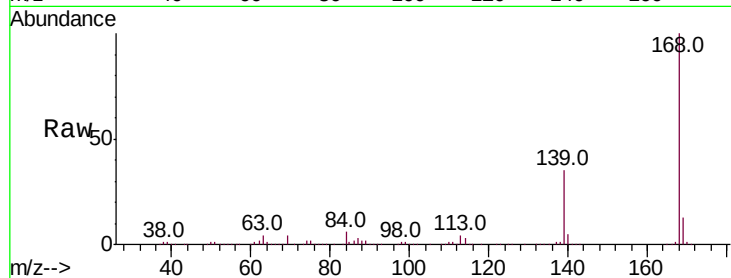
#55
Dibenzofuran
Concen: 42.928 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_F
ClientSampleId :
PB119203BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.7	27.8	41.6
169	13.3	11.0	16.6

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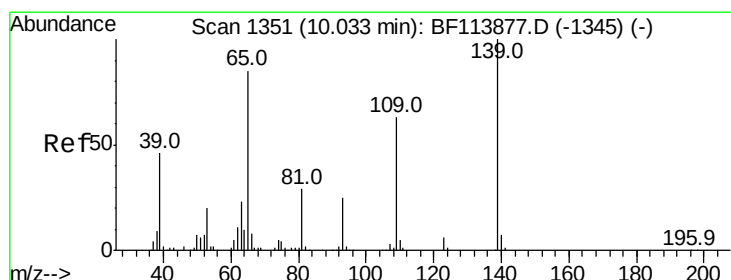
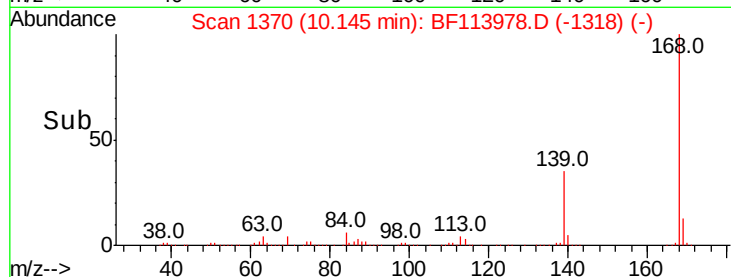
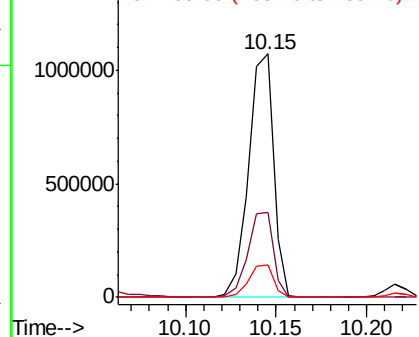


Abundance

Ion 168.00 (167.70 to 168.70): E

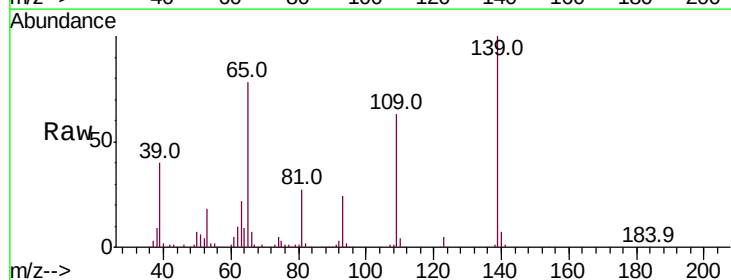
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 94.140 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.02 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.1	42.9	82.9
65	78.3	64.4	104.4

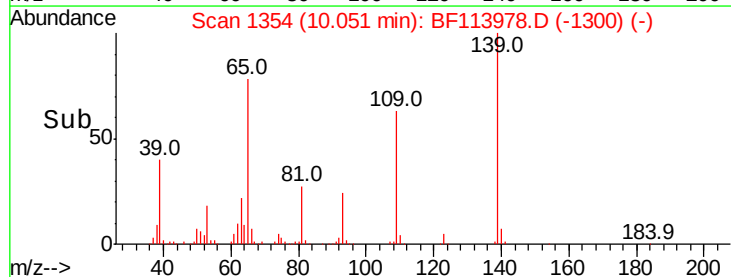
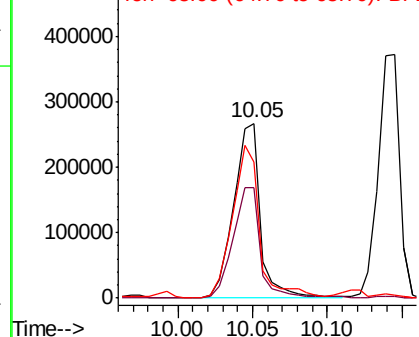


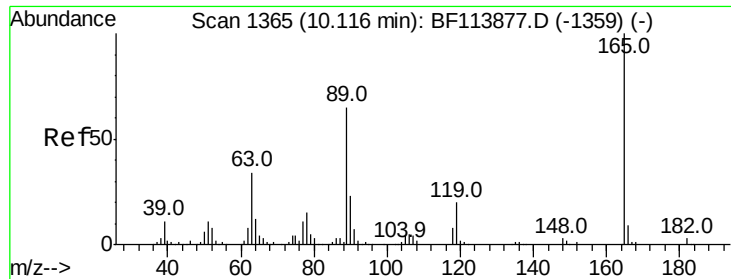
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





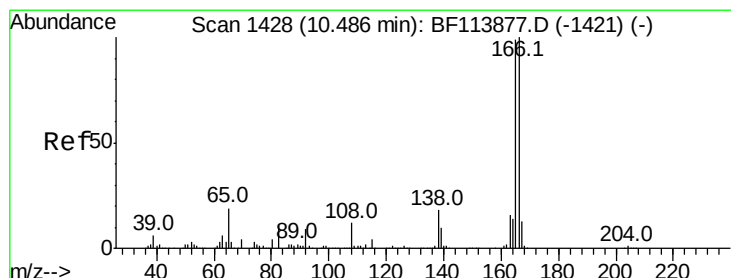
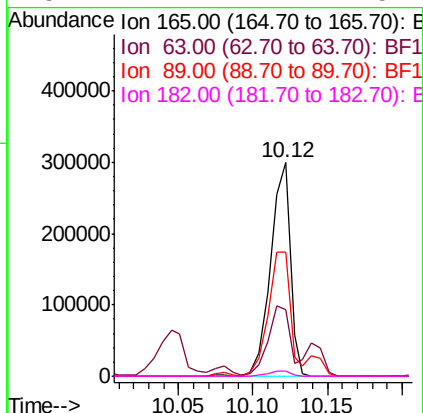
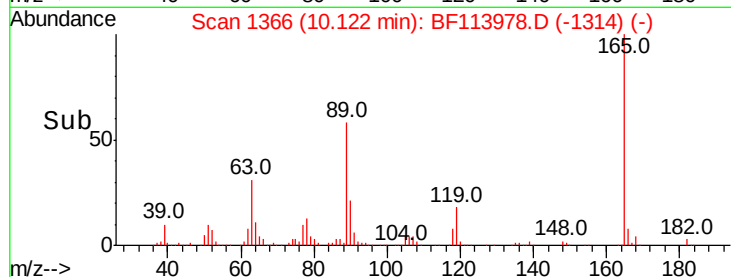
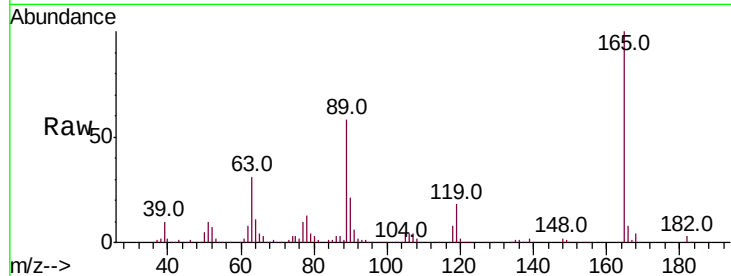
#57
2,4-Dinitrotoluene
Concen: 50.192 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_F
ClientSampleId :
PB119203BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	273387		
63	31.2	27.4	41.0	
89	57.9	51.8	77.6	
182	2.7	2.2	3.2	

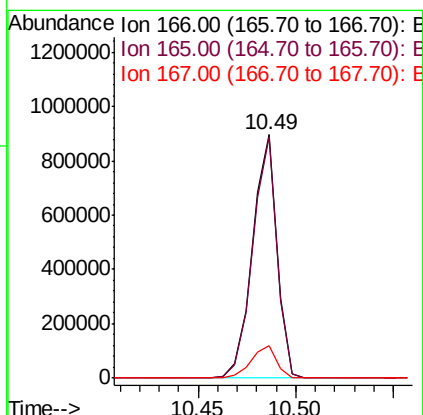
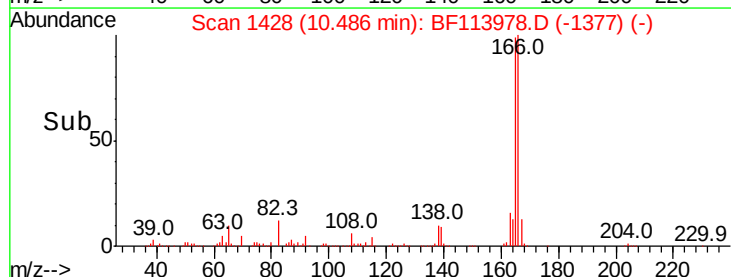
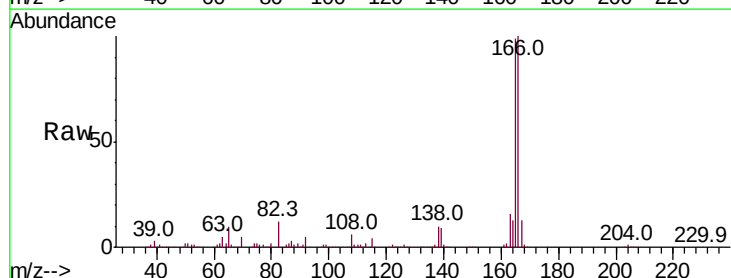
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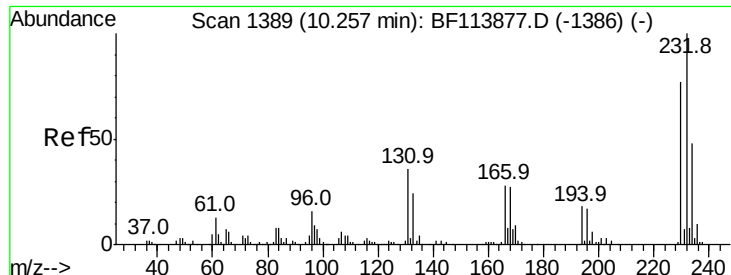
Sohil
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#58
Fluorene
Concen: 43.018 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	775524		
165	99.2	78.4	117.6	
167	13.2	10.9	16.3	





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.456 ng

RT: 10.26 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

ClientSampled :

PB119203BS

Tot Ion:232 Resp: 262693

Ion Ratio Lower Upper

232 100

131 37.2 30.2 45.2

130 1.8 1.5 2.3

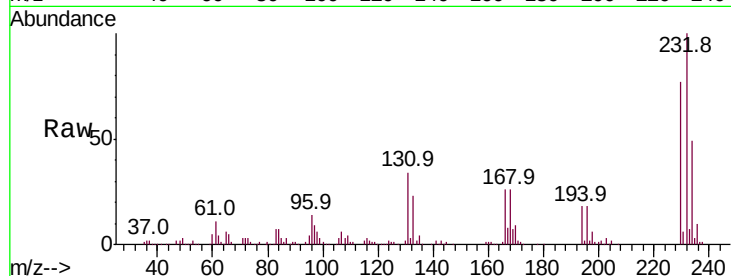
166 26.7 22.2 33.4

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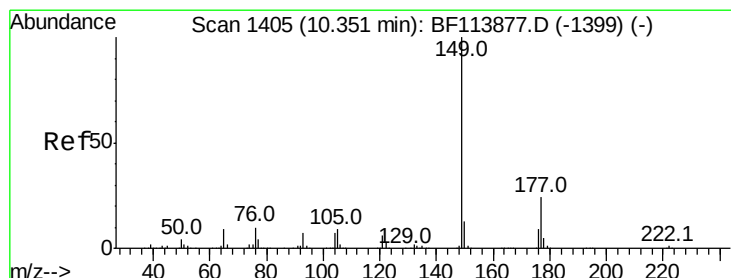
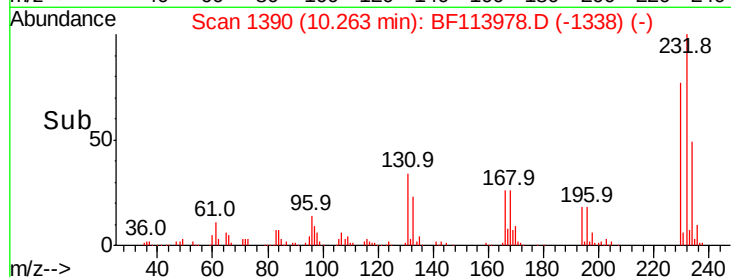
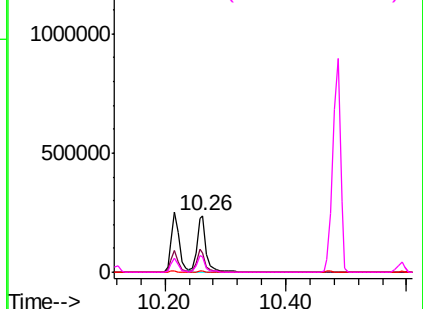


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 43.728 ng

RT: 10.36 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Tgt Ion:149 Resp: 835243

Ion Ratio Lower Upper

149 100

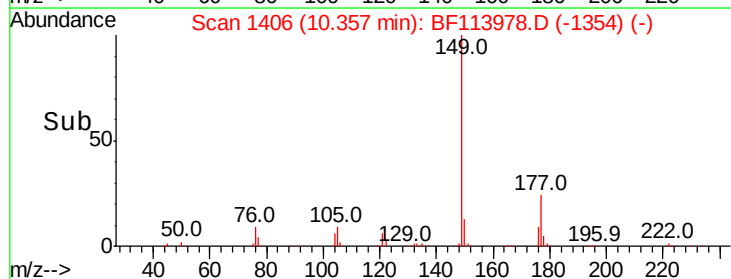
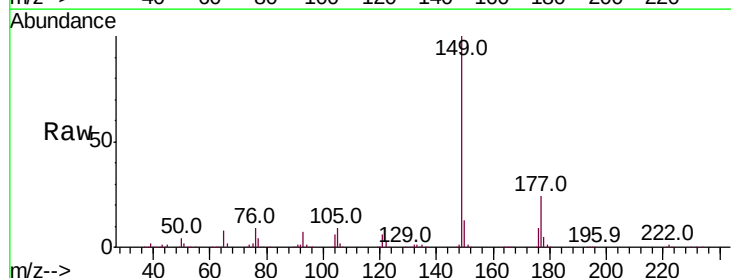
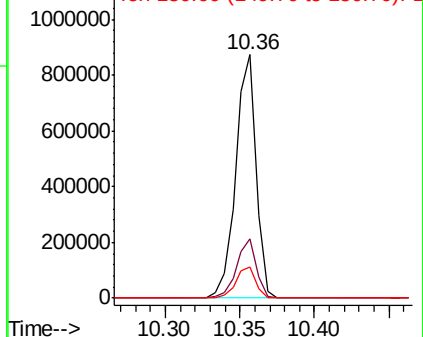
177 24.2 19.2 28.8

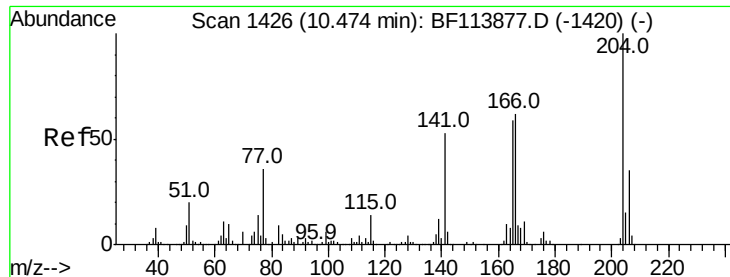
150 12.7 10.3 15.5

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 42.793 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

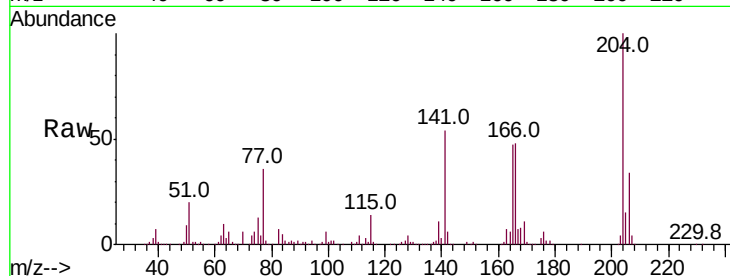
ClientSampleId :

PB119203BS

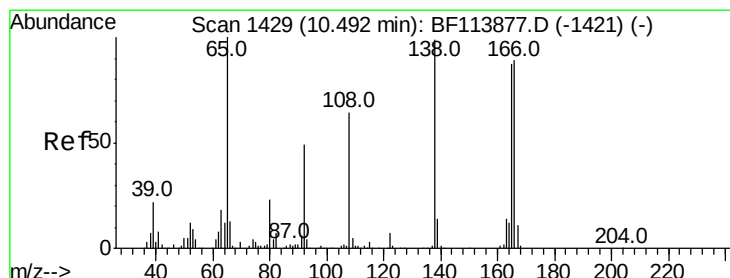
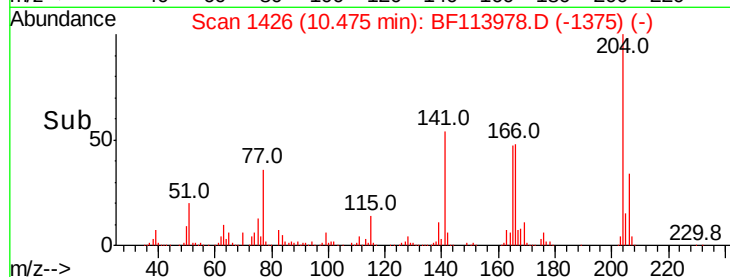
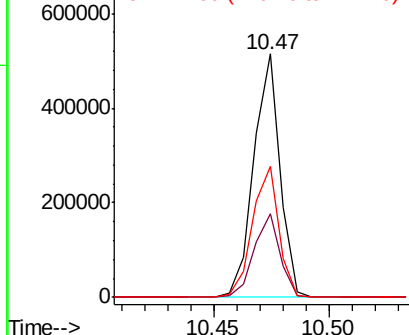
Tot Ion:	204	Resp:	408565
Ion Ratio	Lower	Upper	
204	100		
206	34.2	27.4	41.2
141	53.7	42.6	63.8

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



#62

4-Nitroaniline

Concen: 48.122 ng

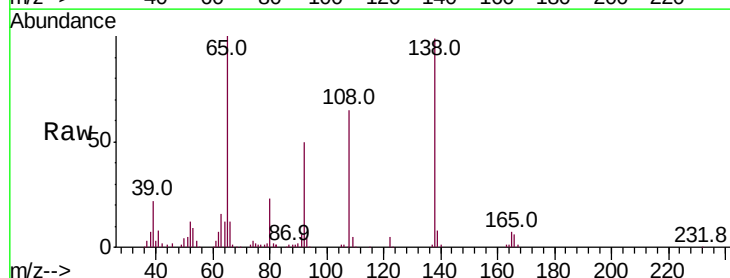
RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

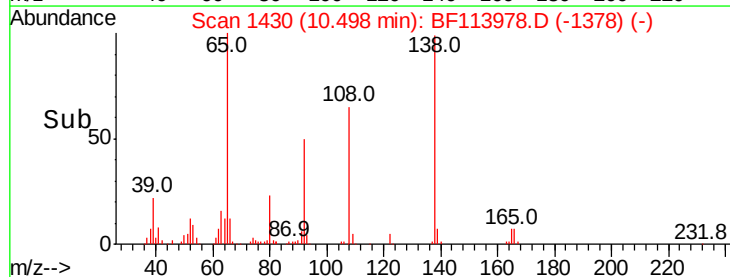
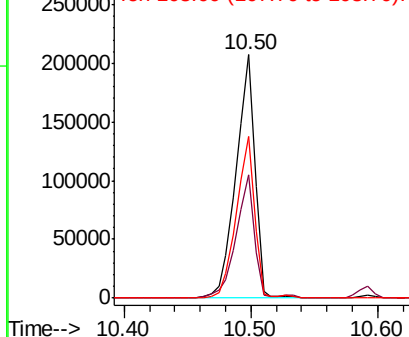
Lab File: BF113978.D

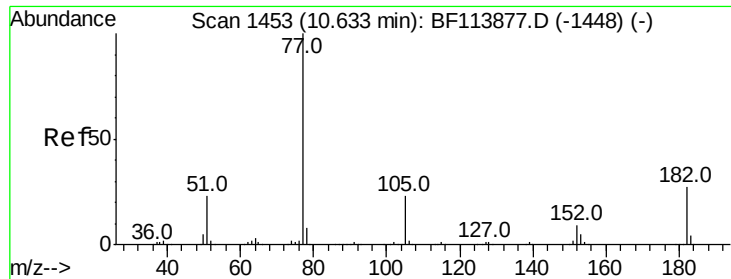
Acq: 25 Apr 2019 15:38

Tgt Ion:	138	Resp:	212947
Ion Ratio	Lower	Upper	
138	100		
92	50.6	31.3	71.3
108	66.2	48.9	88.9



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: 41.817 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

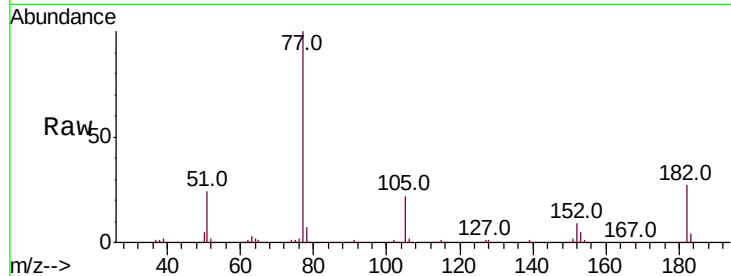
ClientSampled :

PB119203BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100	774137		
182	27.0	4.4	44.4	
105	22.2	2.2	42.2	
51	23.8	3.9	43.9	

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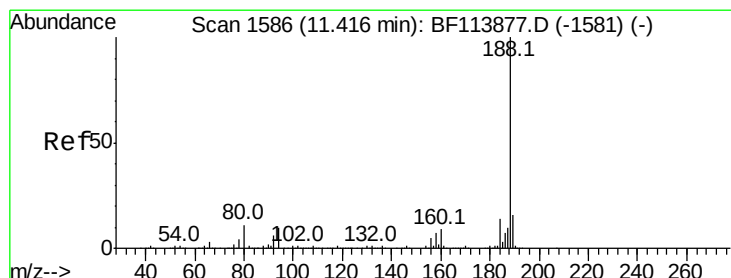
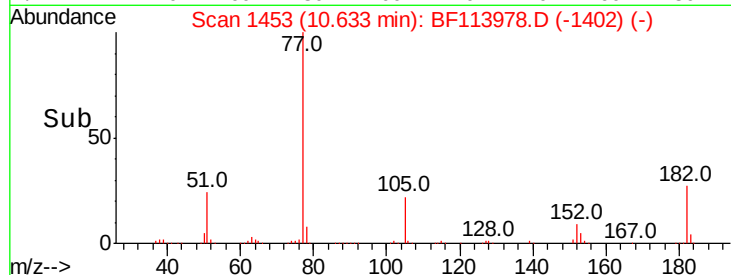
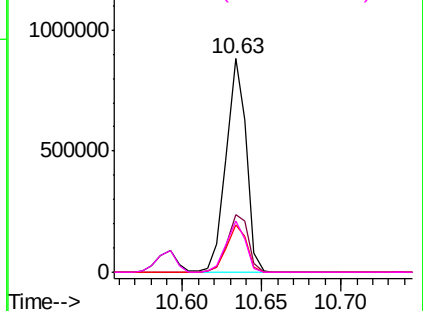


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

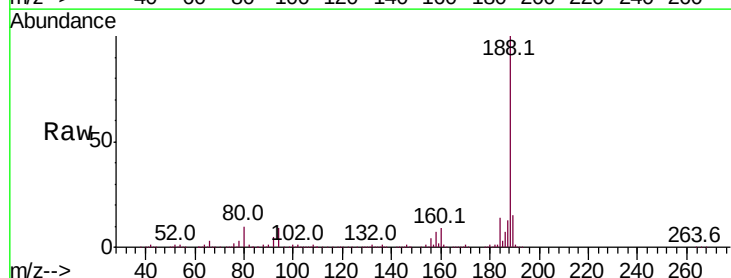
RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

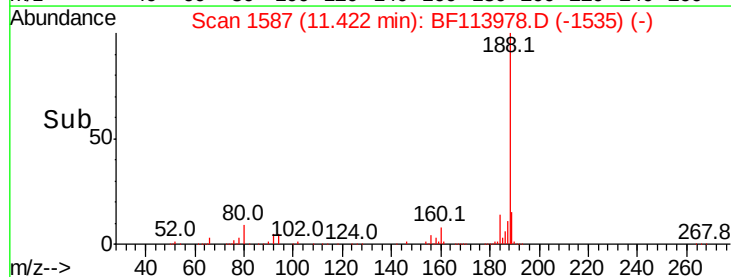
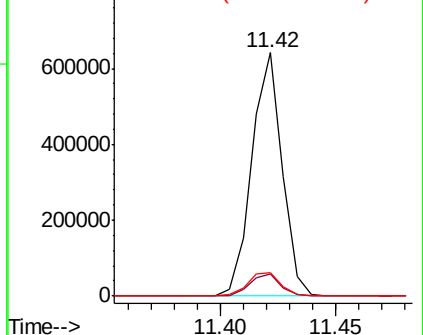
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	589469		
94	8.9	8.2	12.4	
80	9.6	9.0	13.6	

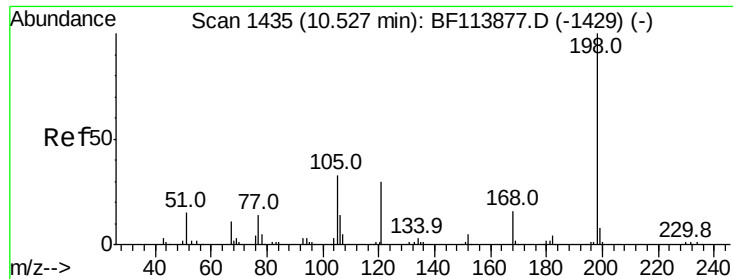


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 45.732 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

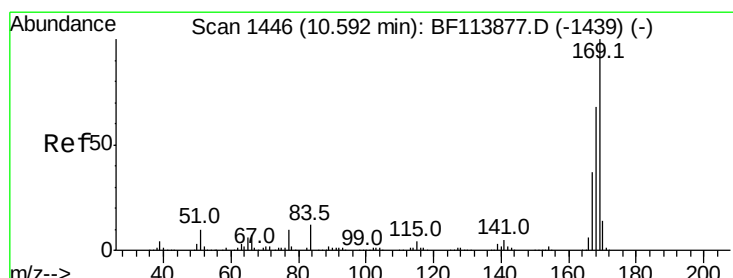
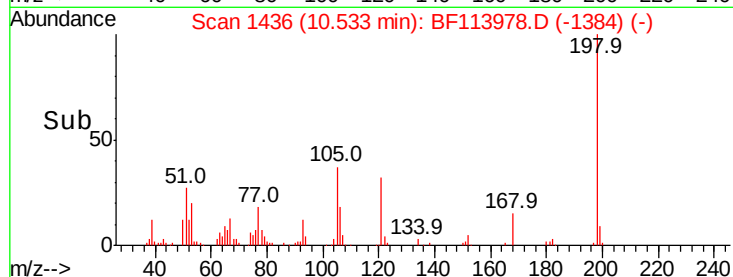
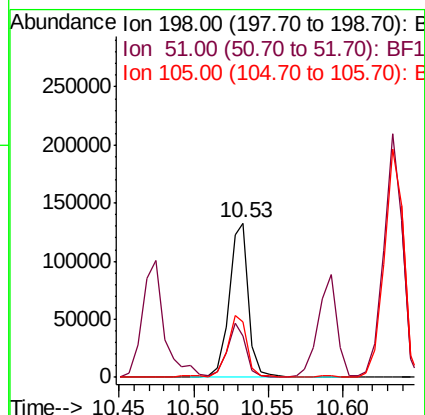
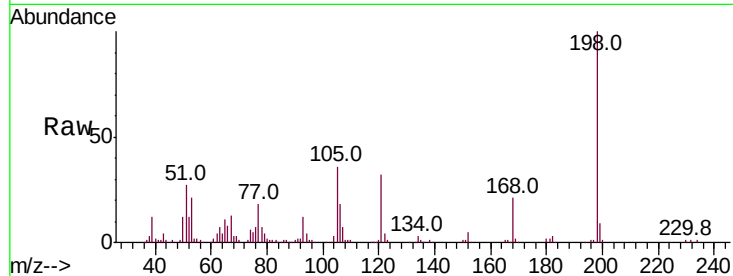
ClientSampleId :

PB119203BS

Tot Ion:	198	Resp:	122460
Ion Ratio	Lower	Upper	
198	100		
51	26.6	11.1	51.1
105	36.3	20.7	60.7

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#66

n-Nitrosodiphenylamine

Concen: 40.347 ng

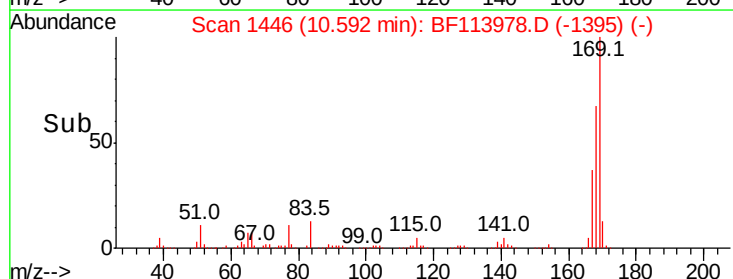
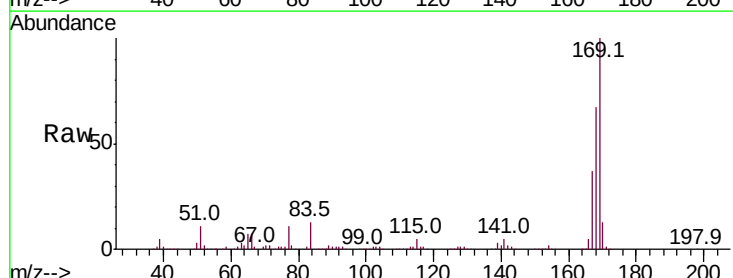
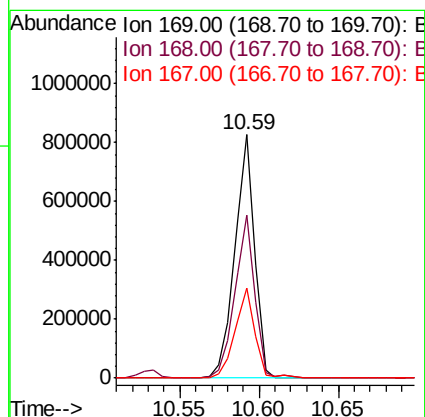
RT: 10.59 min Scan# 1446

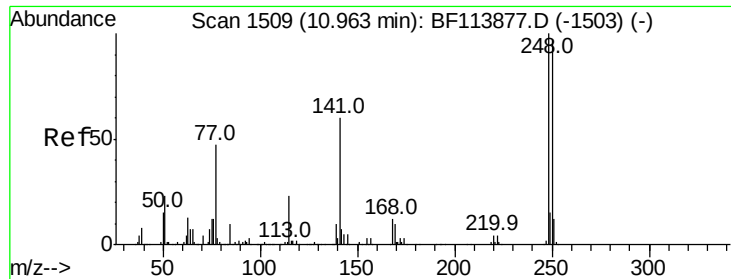
Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Tgt Ion:	169	Resp:	713616
Ion Ratio	Lower	Upper	
169	100		
168	67.1	54.3	81.5
167	36.9	29.4	44.0





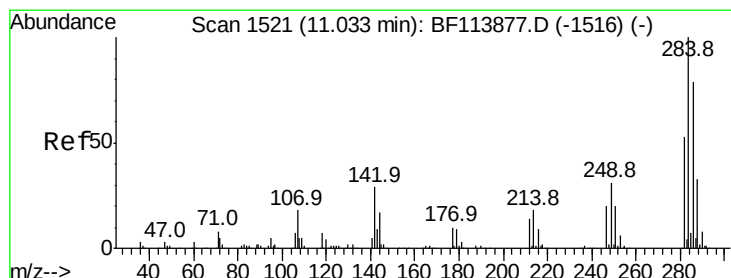
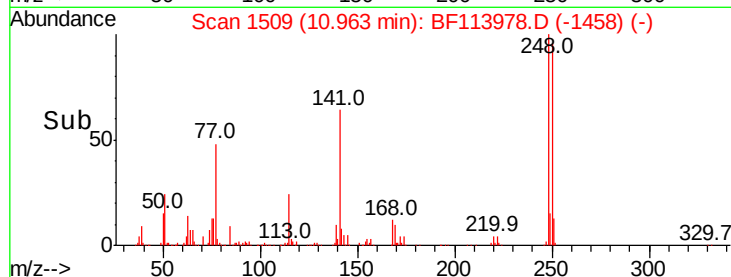
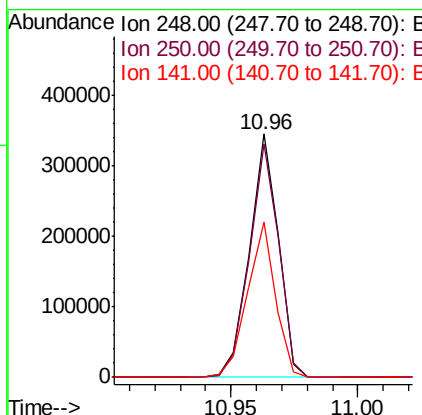
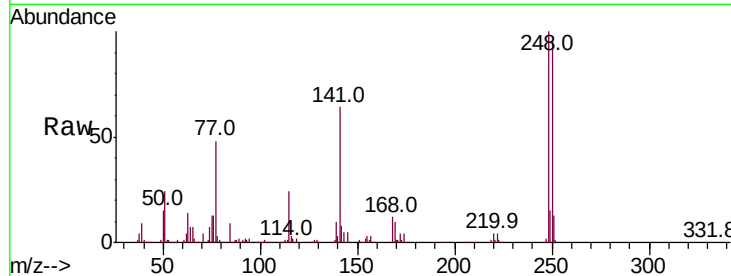
#67
4-Bromophenyl-phenylether
Concen: 38.444 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_F
ClientSampleId :
PB119203BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	75.8	113.6
141	63.9	50.2	75.4

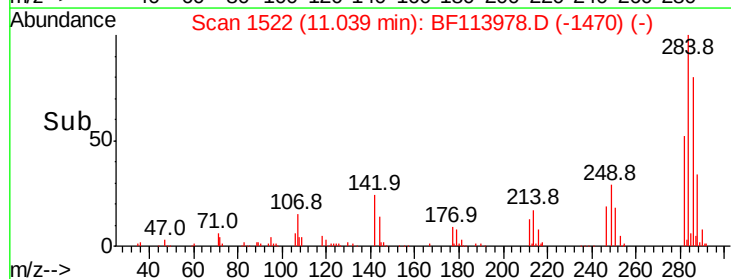
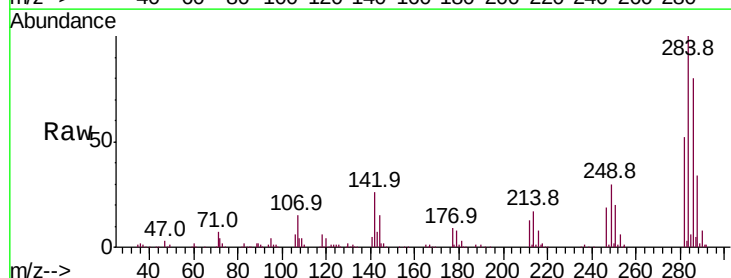
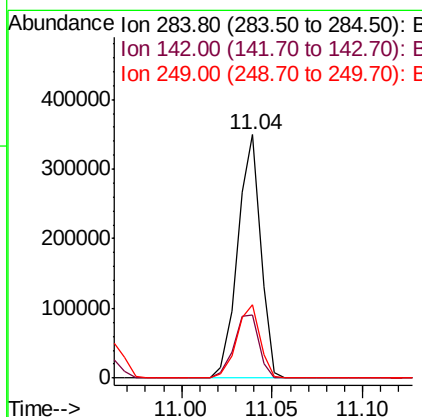
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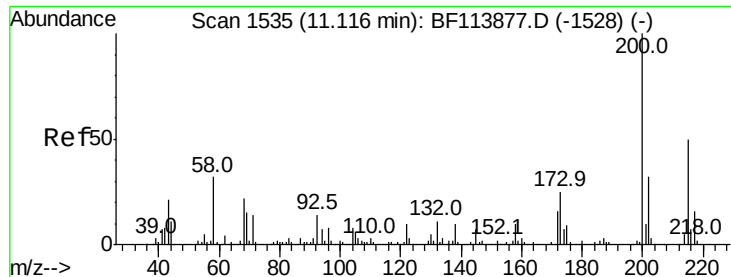
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#68
Hexachlorobenzene
Concen: 39.275 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.2	23.0	34.4
249	30.2	24.4	36.6





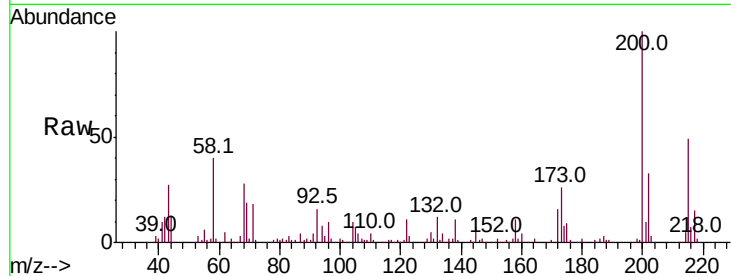
#69
Atrazine
Concen: 42.349 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_F
ClientSampleId :
PB119203BS

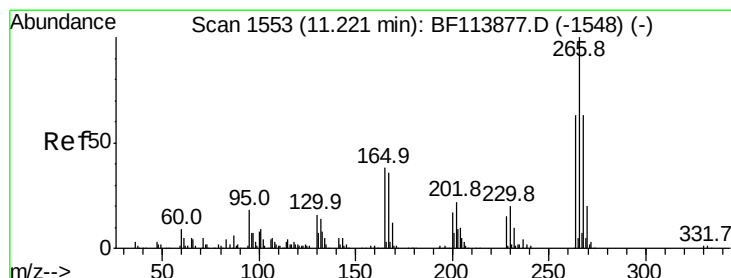
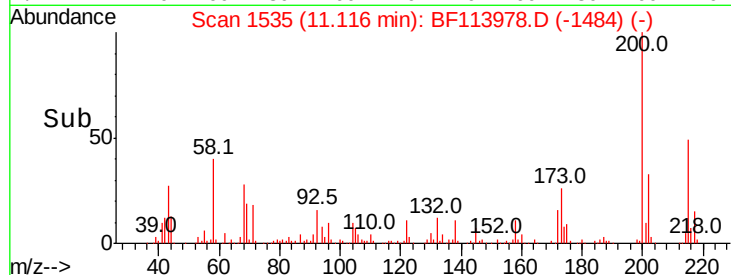
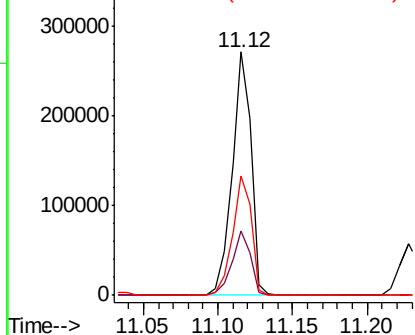
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.2	5.9	45.9
215	49.2	29.3	69.3

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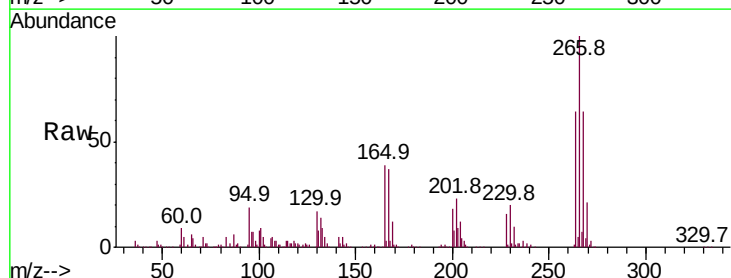


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

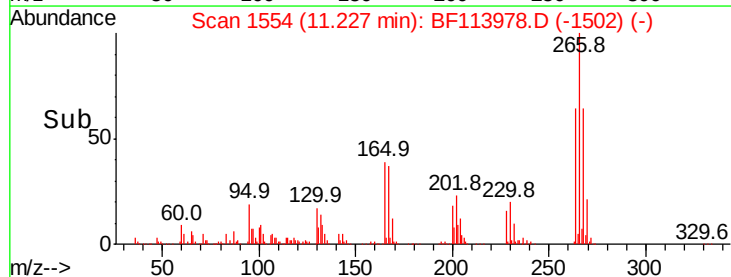
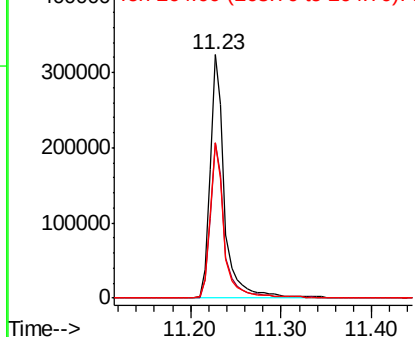


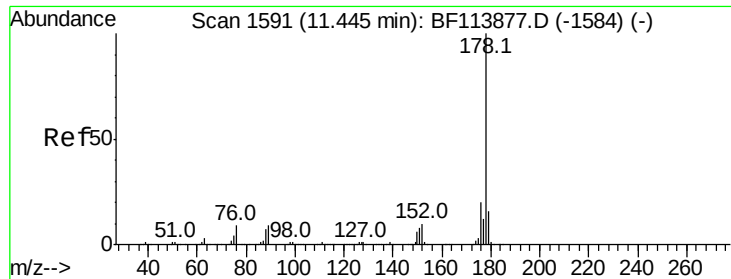
#70
Pentachlorophenol
Concen: 81.809 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.5	53.5	80.3
264	63.6	51.0	76.6



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





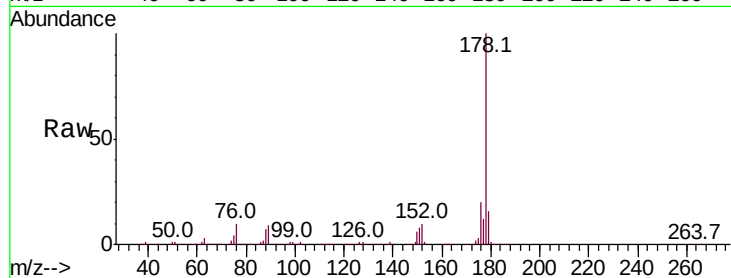
#71
Phenanthrene
Concen: 41.599 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_F
ClientSampleId :
PB119203BS

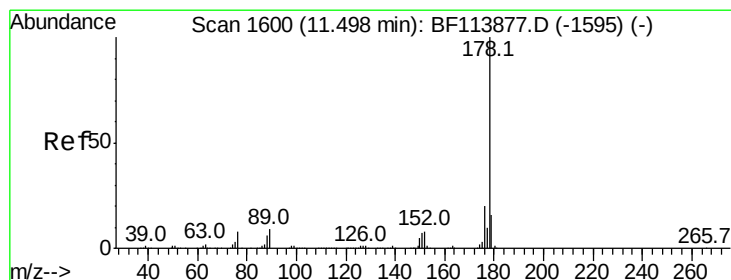
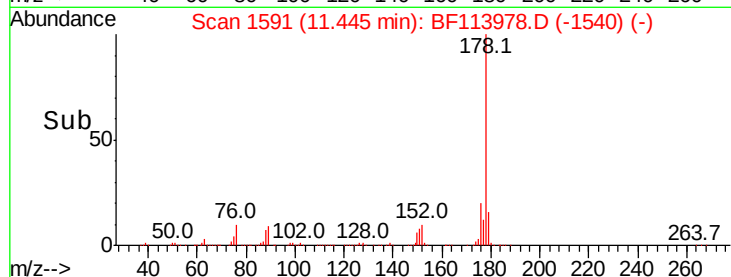
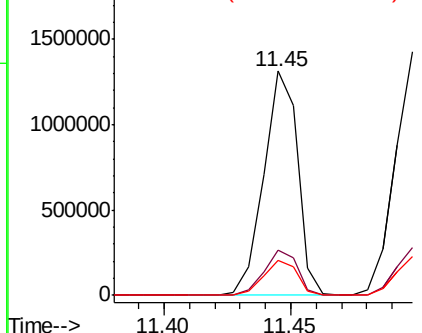
Tot Ion:178 Resp: 1232334
Ion Ratio Lower Upper
178 100
176 19.9 16.1 24.1
179 15.9 12.8 19.2

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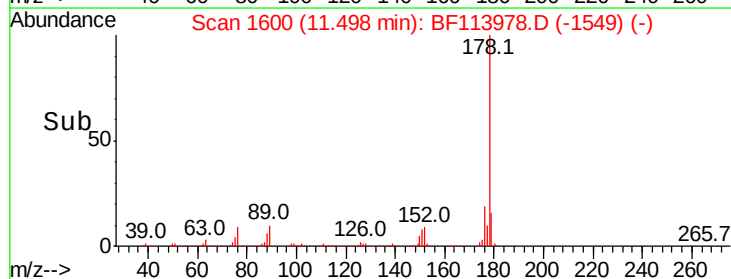
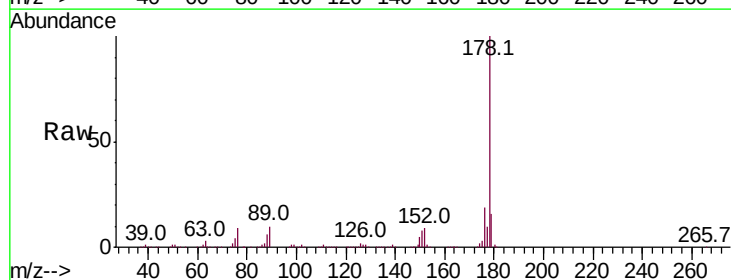
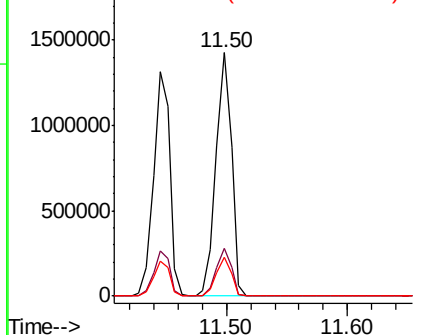
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

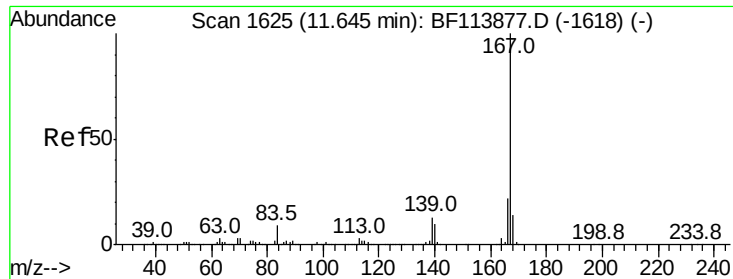


#72
Anthracene
Concen: 42.143 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion:178 Resp: 1260723
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.7 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





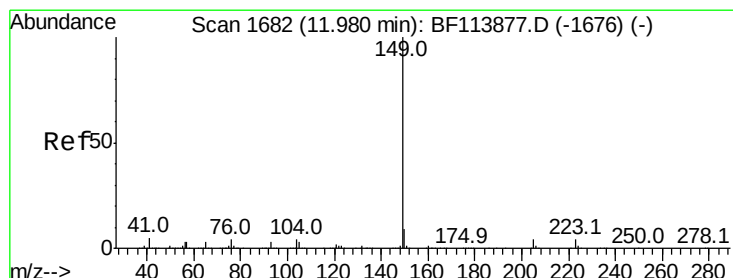
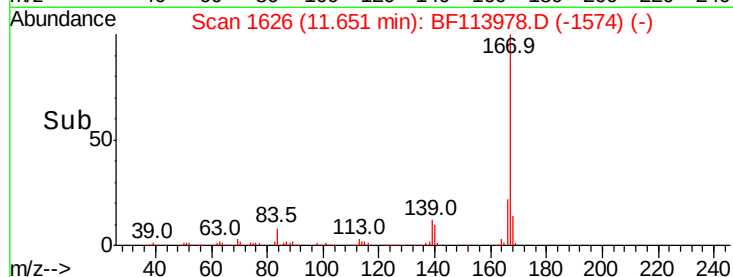
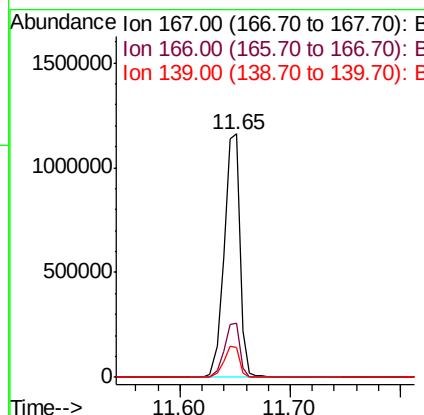
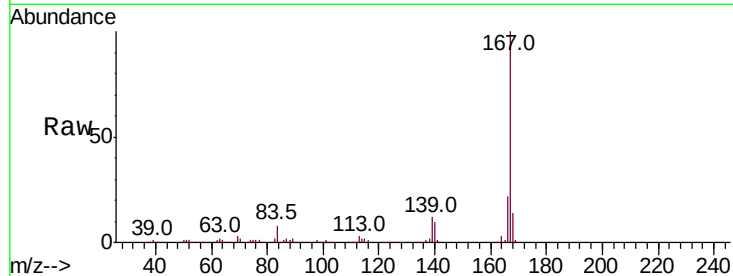
#73
 Carbazole
 Concen: 43.670 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB119203BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.7	26.5
139	12.4	10.0	15.0

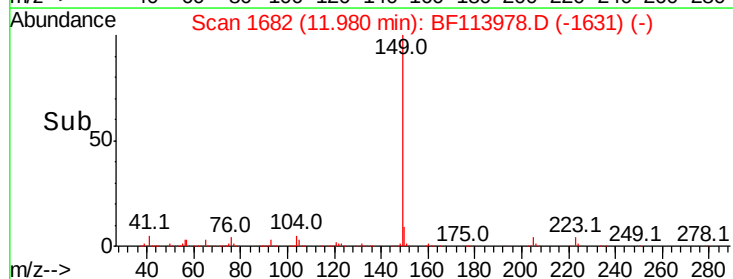
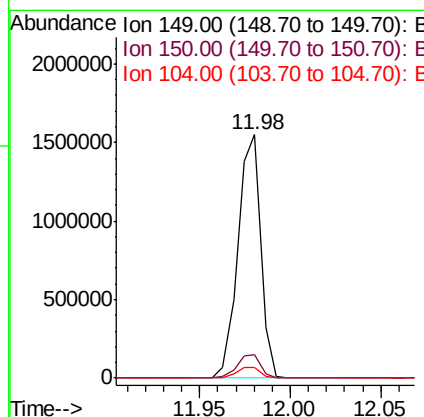
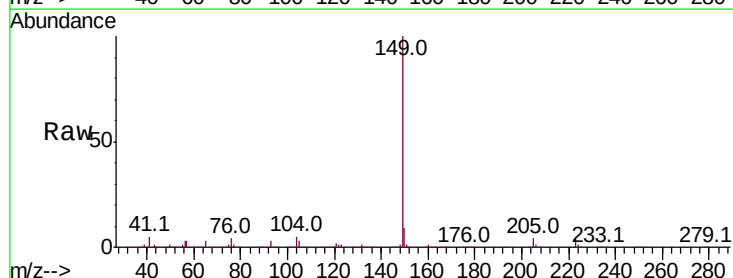
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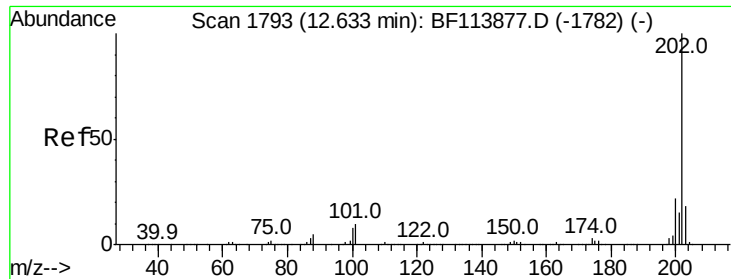
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#74
 Di-n-butylphthalate
 Concen: 43.223 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.8
104	4.5	3.8	5.8





#75

Fluoranthene

Concen: 43.571 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

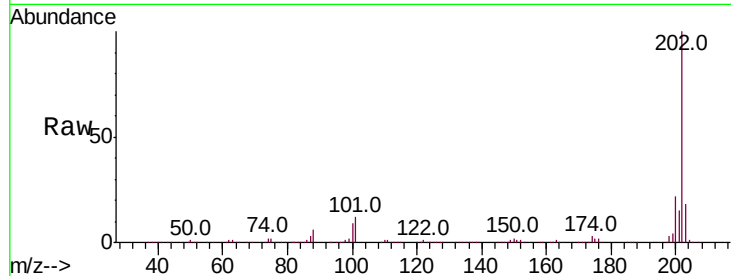
ClientSampleId :

PB119203BS

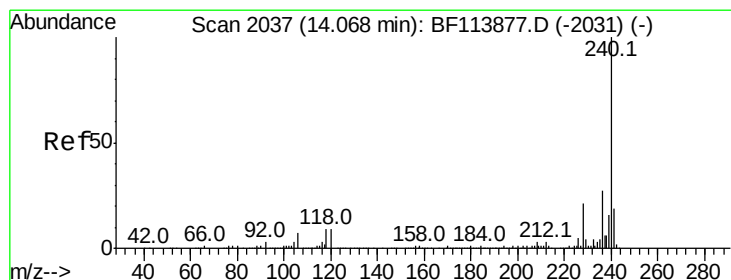
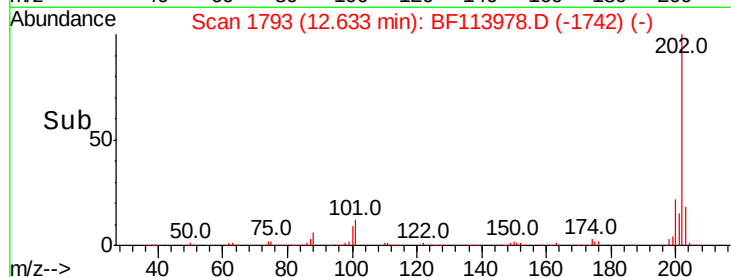
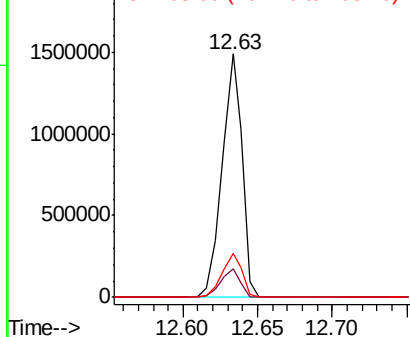
Tot Ion:	202	Resp:	1408244
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	32.9
203	18.3	0.0	38.2

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Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

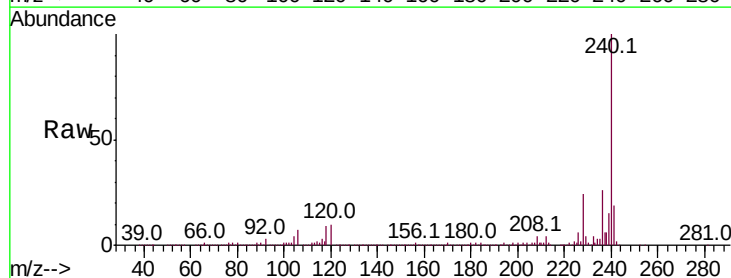
RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

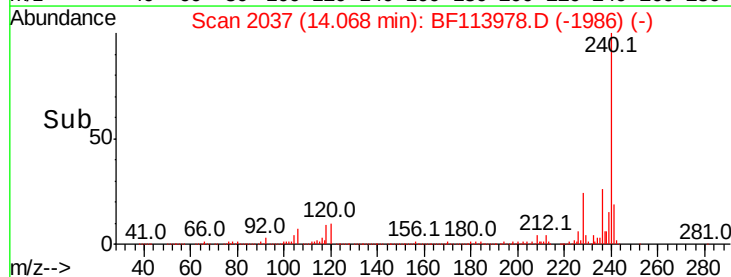
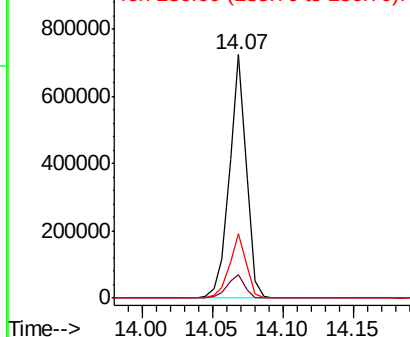
Lab File: BF113978.D

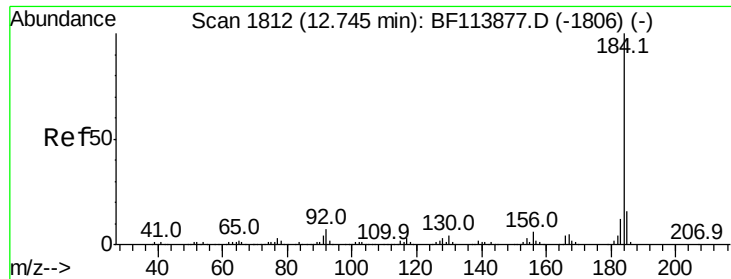
Acq: 25 Apr 2019 15:38

Tgt Ion:	240	Resp:	598320
Ion Ratio	Lower	Upper	
240	100		
120	9.8	9.3	13.9
236	26.2	21.2	31.8



Abundance Ion 240.00 (239.70 to 240.70): E
1000000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.771 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

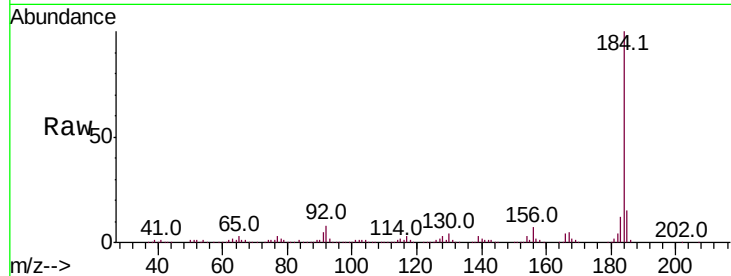
ClientSampleId :

PB119203BS

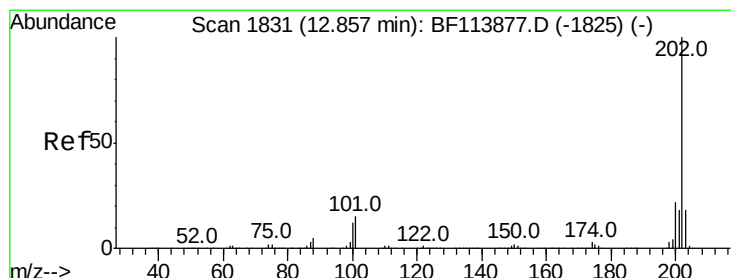
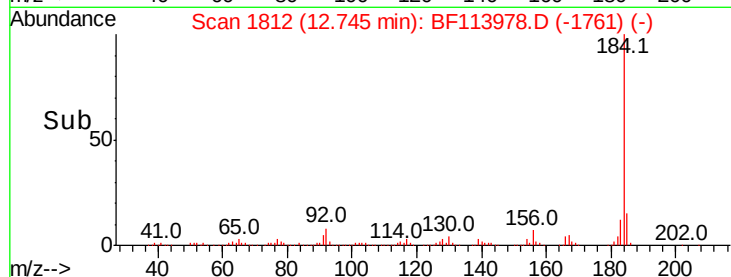
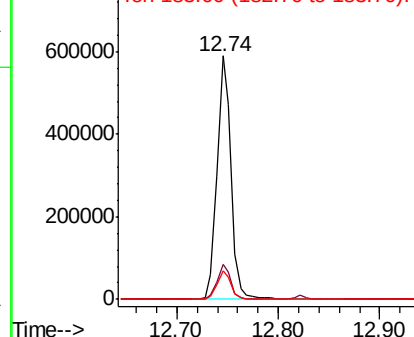
Tot Ion:	184	Resp:	566395
Ion Ratio	Lower	Upper	
184	100		
185	14.5	13.0	19.6
183	11.8	9.4	14.0

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Abundance Ion 184.00 (183.70 to 184.70): E
800000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 33.803 ng

RT: 12.86 min Scan# 1832

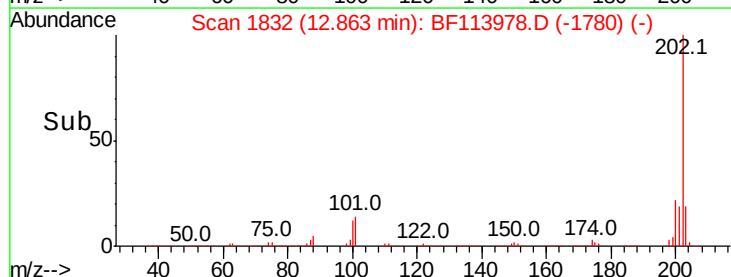
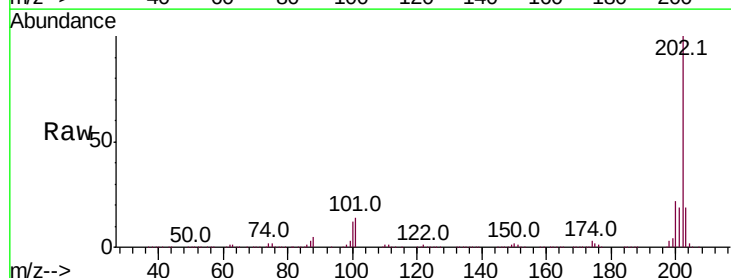
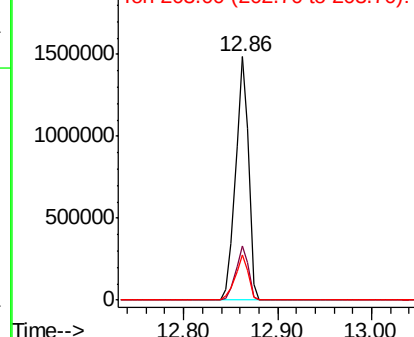
Delta R.T. 0.01 min

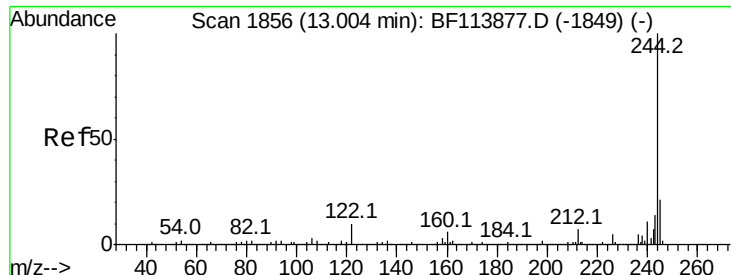
Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Tgt Ion:	202	Resp:	1414386
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.7	26.5
203	18.5	15.0	22.6

Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





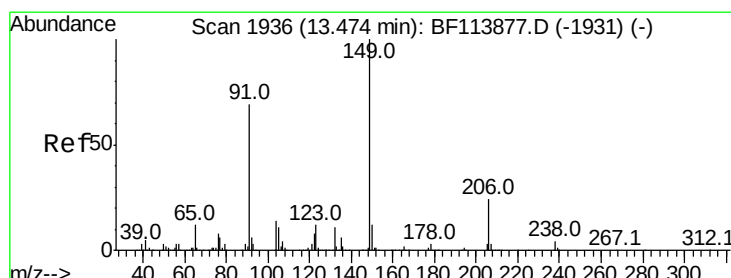
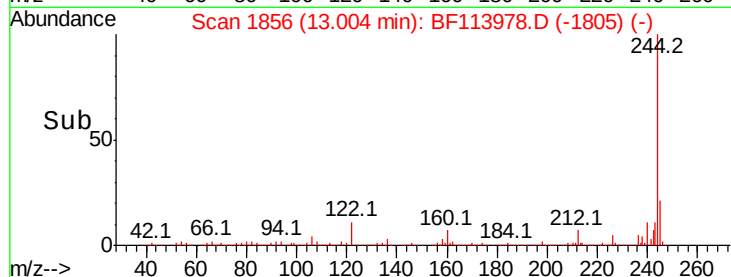
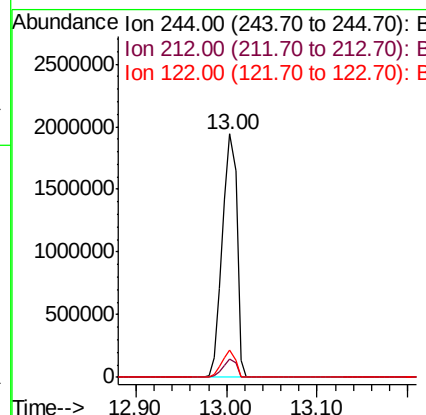
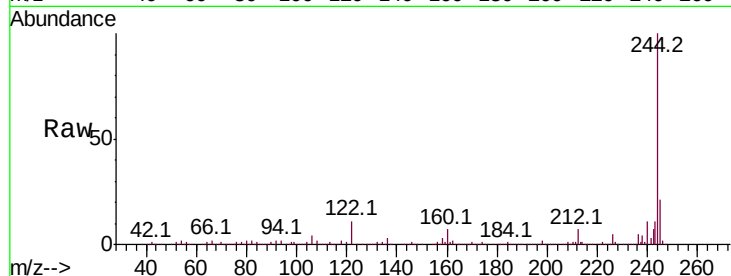
#79
 Terphenyl-d14
 Concen: 73.255 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. 0.00 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

Instrument :
 BNA_F
 ClientSampled :
 PB119203BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.2
122	11.1	7.6	11.4

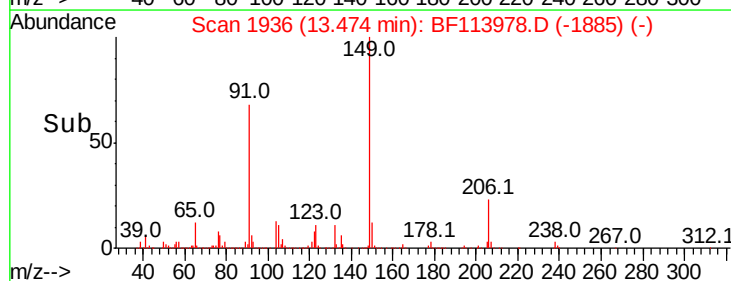
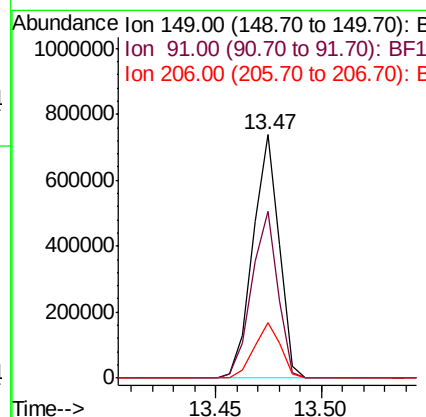
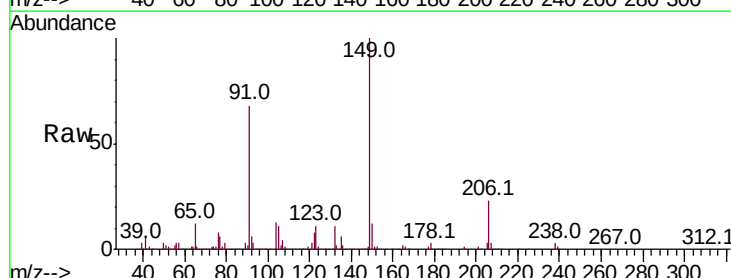
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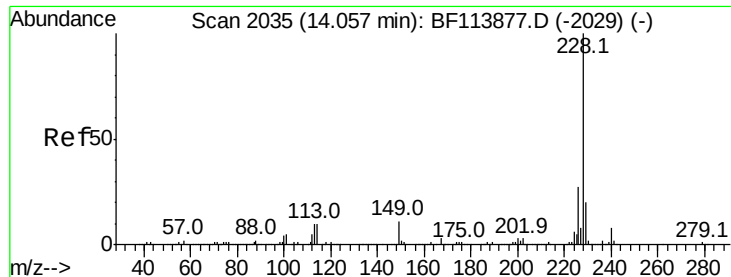
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#80
 Butylbenzylphthalate
 Concen: 38.629 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: BF113978.D
 Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.3	56.3	84.5
206	23.0	19.0	28.6





#81

Benzo(a)anthracene

Concen: 39.042 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

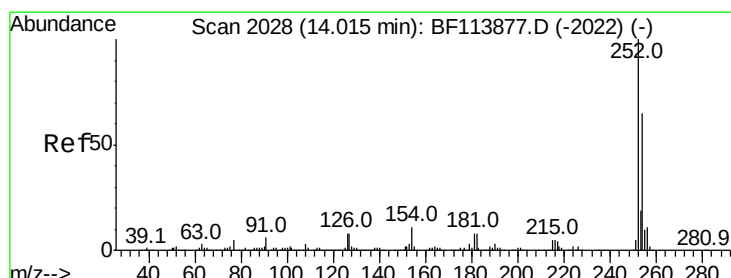
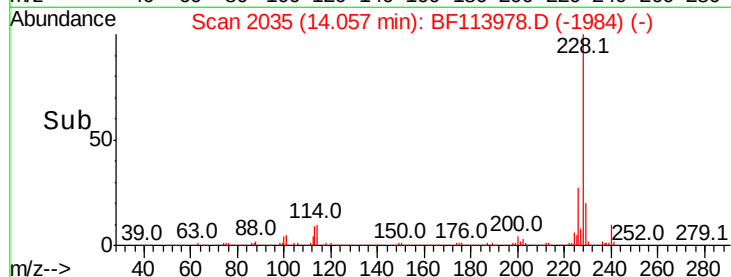
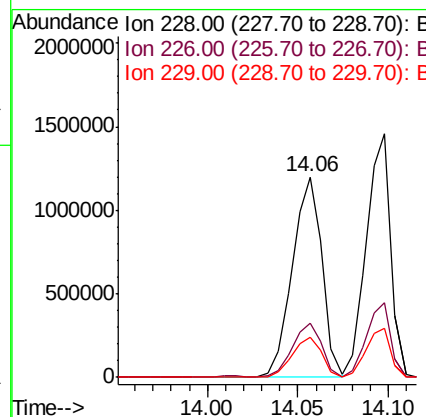
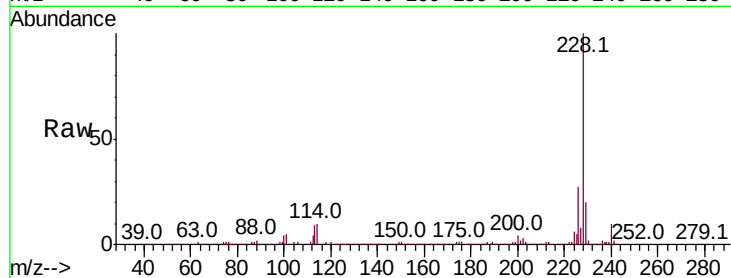
ClientSampleId :

PB119203BS

Tot Ion:	228	Resp:	1376304
Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.2	33.2
229	19.9	16.0	24.0

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 37.448 ng

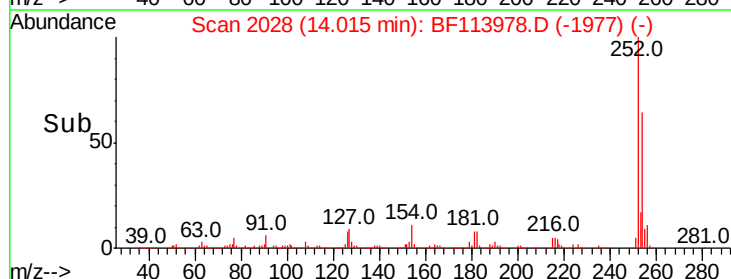
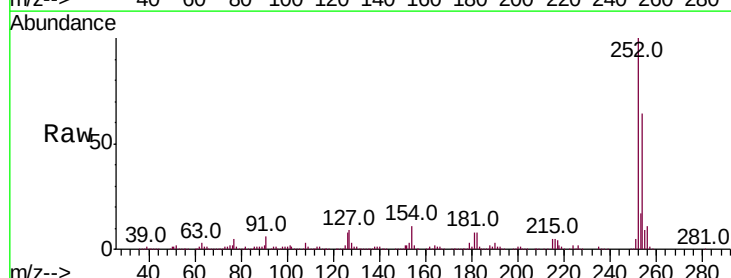
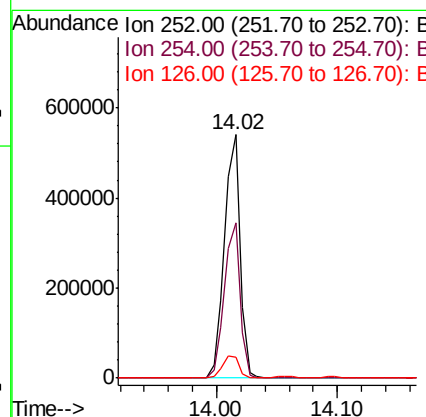
RT: 14.02 min Scan# 2028

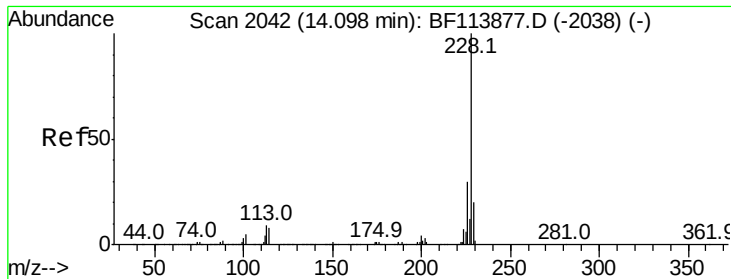
Delta R.T. 0.00 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Tgt Ion:	252	Resp:	483862
Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.1	78.1
126	8.5	9.3	13.9#





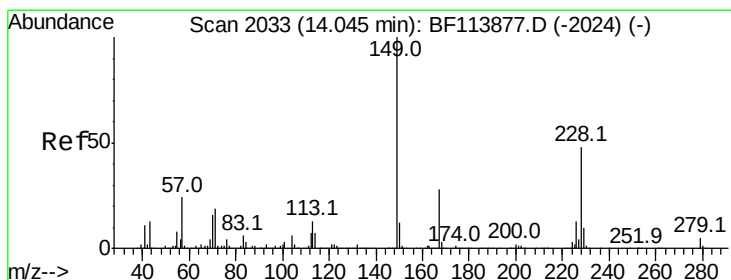
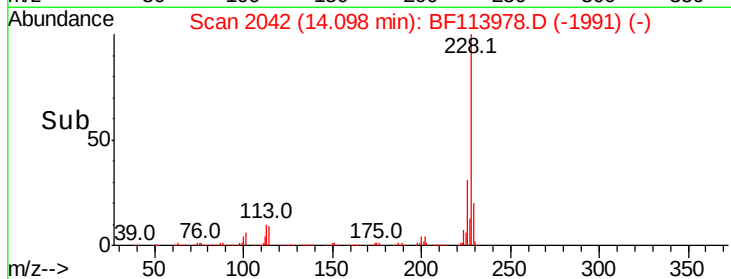
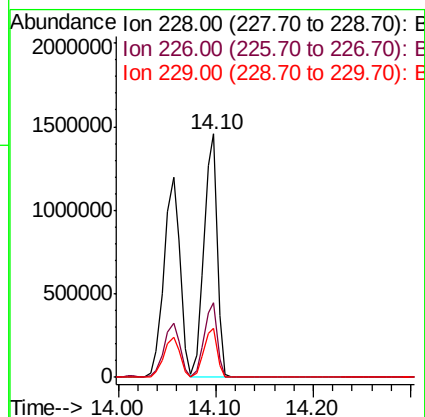
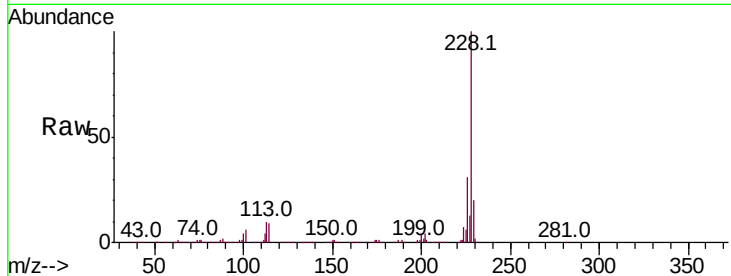
#83
Chrysene
Concen: 39.748 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.00 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_F
ClientSampleId :
PB119203BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.2	37.8
229	20.3	16.7	25.1

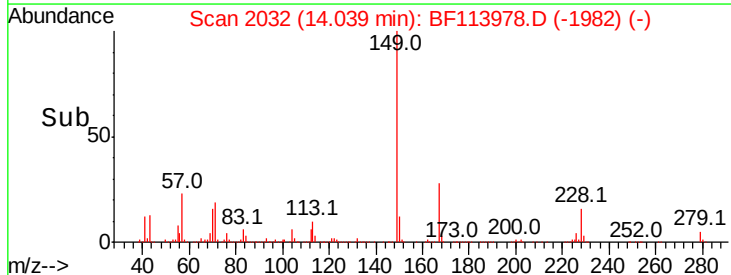
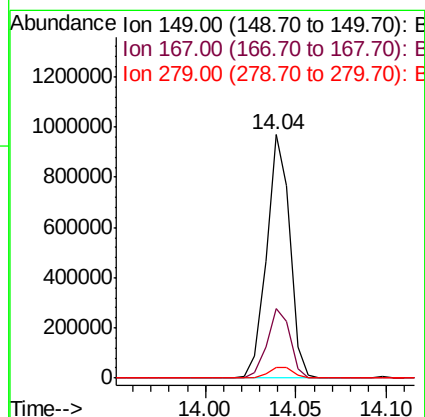
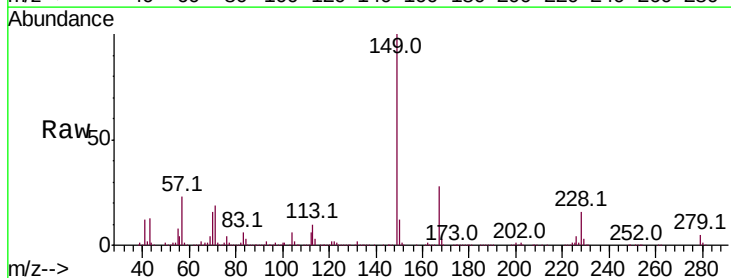
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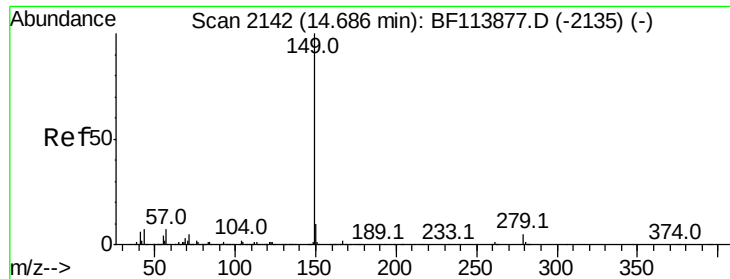
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.091 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.9	34.3
279	4.5	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 46.293 ng

RT: 14.67 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

ClientSampleId :

PB119203BS

Tot Ion:149 Resp: 1517692

Ion Ratio Lower Upper

149 100

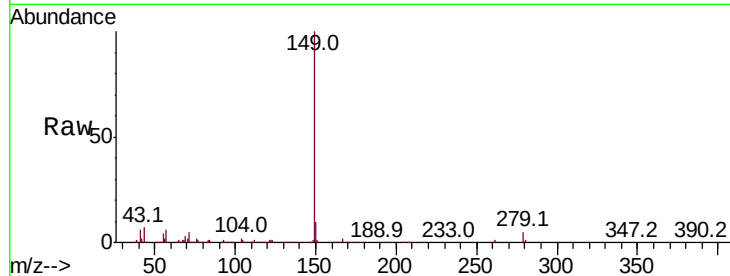
167 1.6 1.3 1.9

43 7.5 6.6 10.0

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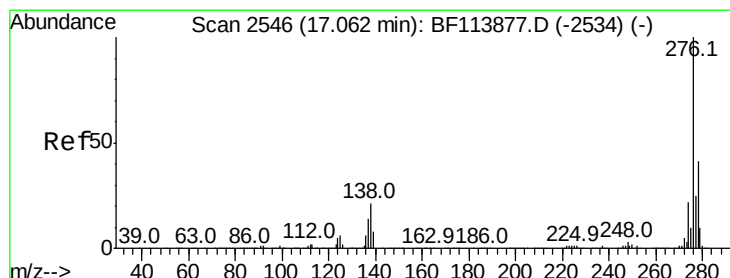
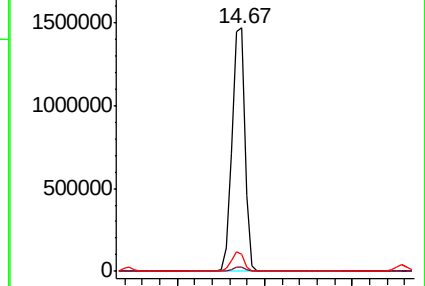
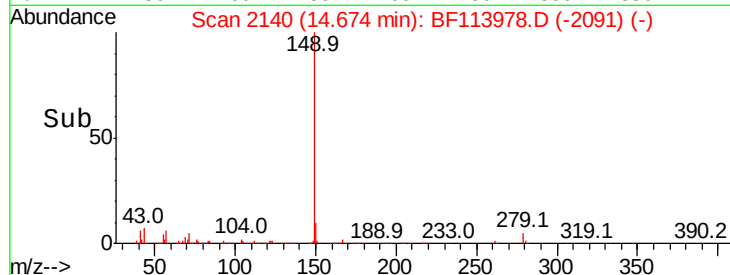
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Abundance Ion 149.00 (148.70 to 149.70): E

2000000 Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.107 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

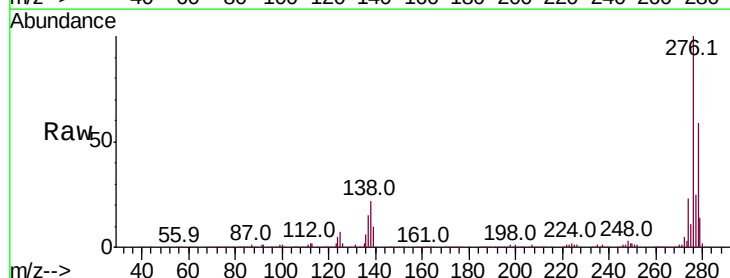
Tgt Ion:276 Resp: 1499425

Ion Ratio Lower Upper

276 100

138 22.8 19.6 29.4

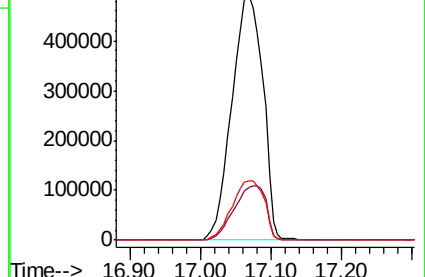
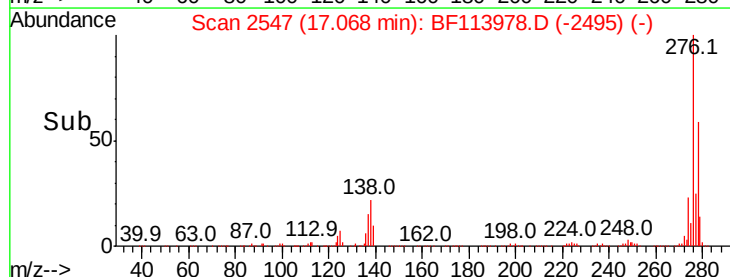
277 25.3 20.2 30.4

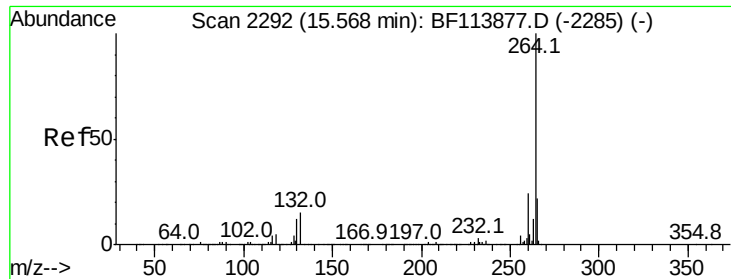


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Instrument :

BNA_F

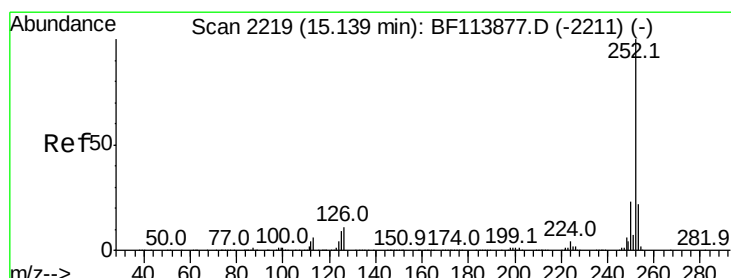
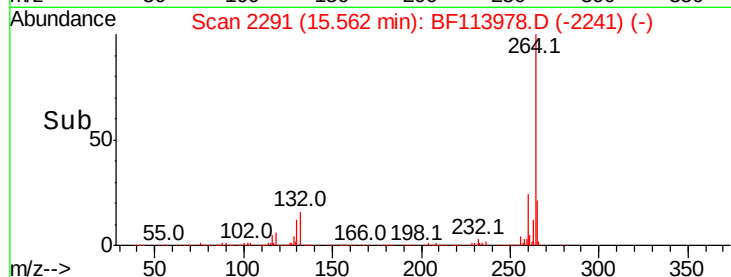
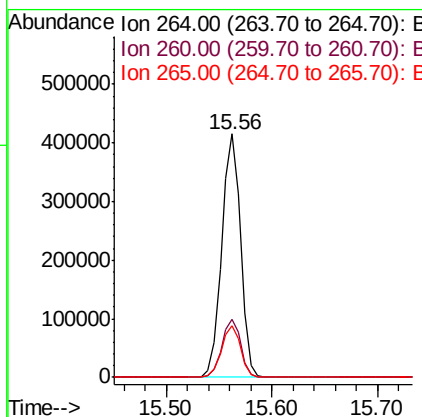
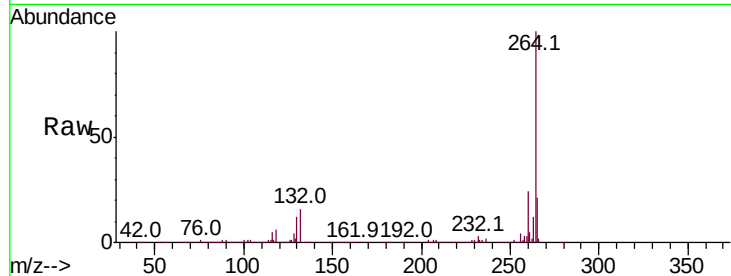
ClientSampled :

PB119203BS

Tot Ion:	264	Resp:	517139
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.9	28.3
265	21.3	17.3	25.9

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#88

Benzo(b)fluoranthene

Concen: 46.347 ng

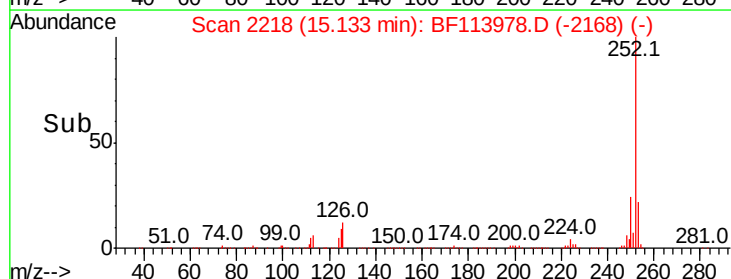
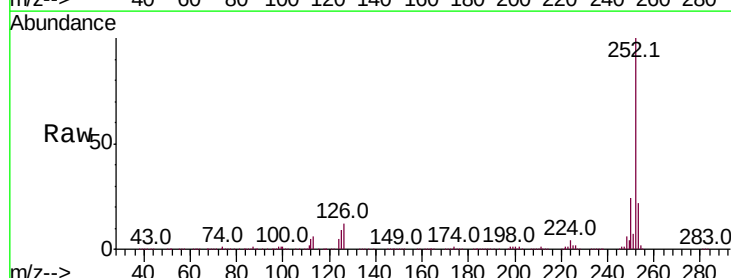
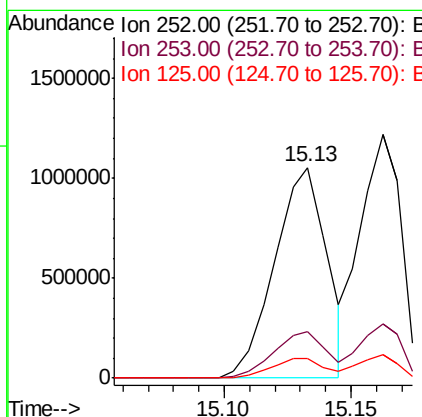
RT: 15.13 min Scan# 2218

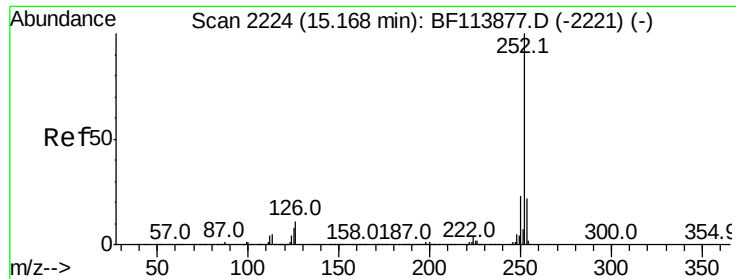
Delta R.T. -0.01 min

Lab File: BF113978.D

Acq: 25 Apr 2019 15:38

Tgt Ion:	252	Resp:	1516438
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.8	26.6
125	9.3	7.0	10.6





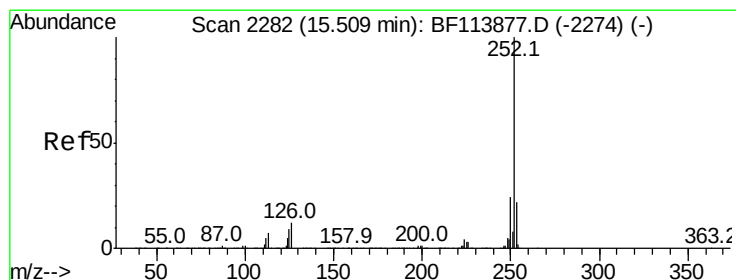
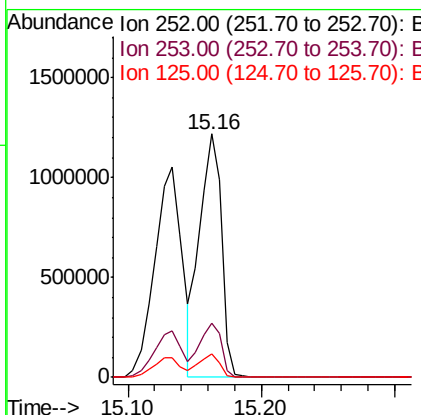
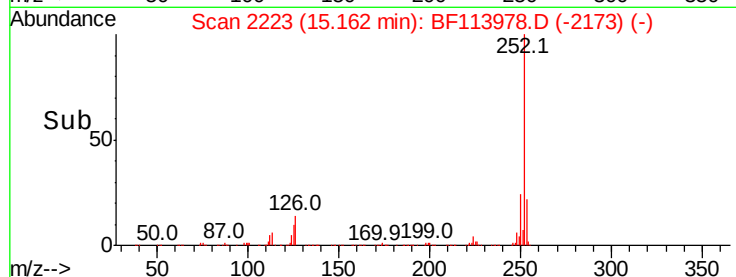
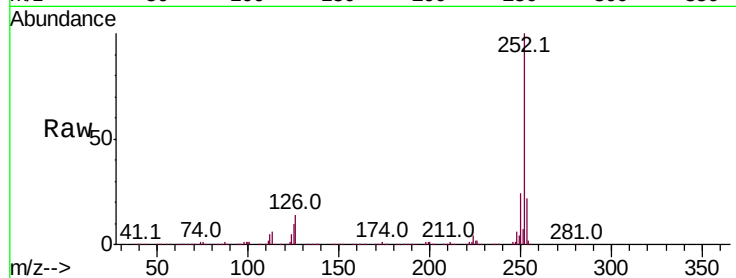
#89
Benzo(k)fluoranthene
Concen: 49.038 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_F
ClientSampleId :
PB119203BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	9.9	7.4	11.2

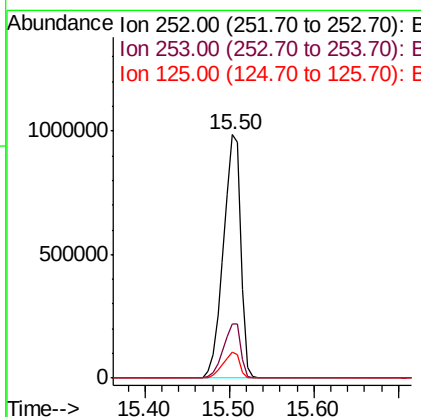
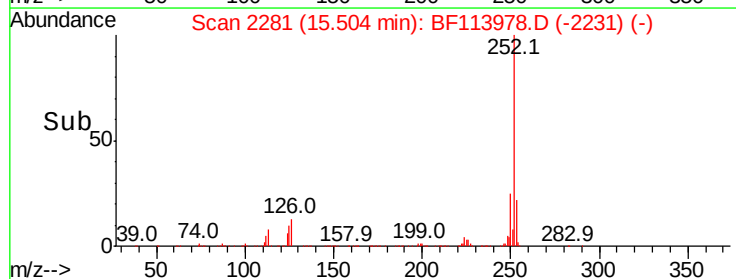
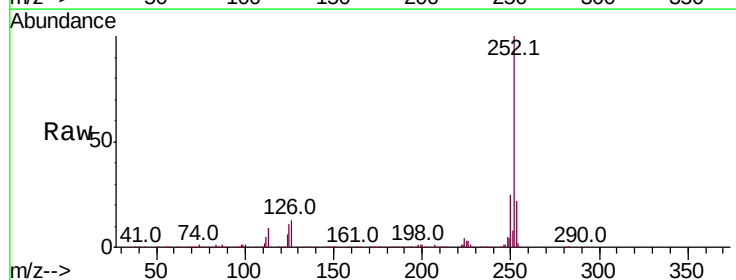
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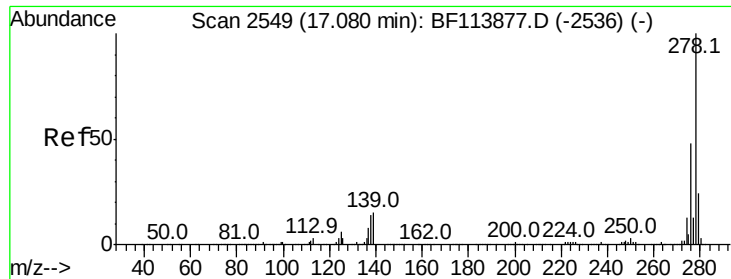
Sohil
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#90
Benzo(a)pyrene
Concen: 49.498 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	10.5	8.5	12.7





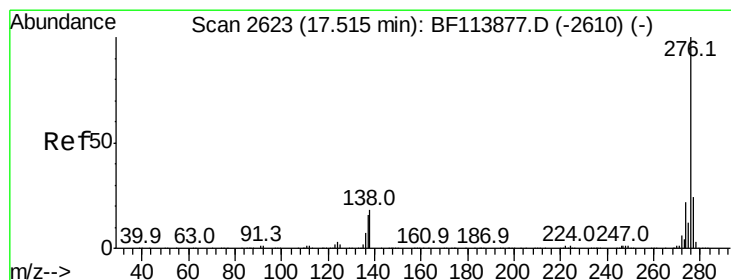
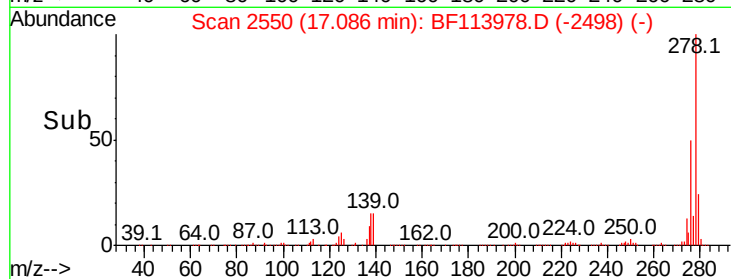
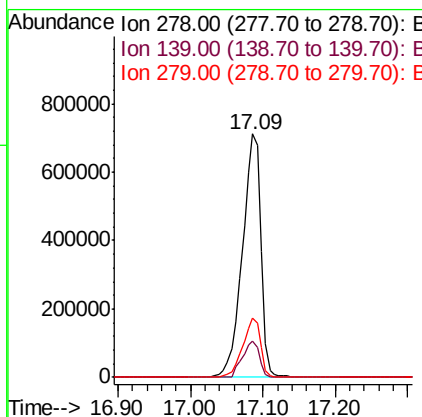
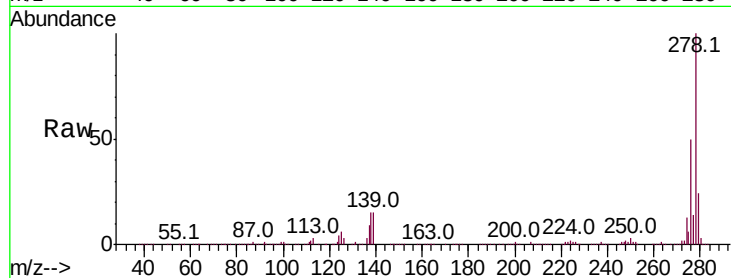
#91
Dibenzo(a,h)anthracene
Concen: 47.530 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Instrument :
BNA_F
ClientSampleId :
PB119203BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.6	17.4
279	24.4	19.0	28.6

Manual Integrations
APPROVED

Sohil
4/29/2019 5:49:46 AM



#92
Benzo(g,h,i)perylene
Concen: 46.028 ng
RT: 17.52 min Scan# 2624
Delta R.T. 0.01 min
Lab File: BF113978.D
Acq: 25 Apr 2019 15:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	20.5	16.6	25.0

