

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
 Data File : BF112234.D
 Acq On : 25 Jan 2019 15:39
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

mohammad
 1/29/2019 12:31:20 AM

Quant Time: Jan 28 02:57:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 25 15:22:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	146912	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	539924	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	260803	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	497294	20.00	ng	0.00
76) Chrysene-d12	14.02	240	356670	20.00	ng	0.00
87) Perylene-d12	15.47	264	260184	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1221050	150.86	ng	0.00
7) Phenol-d6	6.51	99	1523653	150.45	ng	0.02
23) Nitrobenzene-d5	7.42	82	1505822	192.69	ng	0.01
42) 2,4,6-Tribromophenol	10.69	330	498886	177.32	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2776036	156.06	ng	0.00
79) Terphenyl-d14	12.96	244	3028476	180.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	259203	68.280	ng	94
3) Pyridine	3.37	79	723852	76.132	ng	97
4) n-Nitrosodimethylamine	3.34	42	314669	81.512	ng	# 91
6) Aniline	6.52	93	888021	72.096	ng	# 31
8) 2-Chlorophenol	6.65	128	715396	76.101	ng	97
9) Benzaldehyde	6.40	77	303007	52.859	ng	98
10) Phenol	6.52	94	848186	76.635	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	672821	76.456	ng	96
12) 1,3-Dichlorobenzene	6.79	146	818763	76.319	ng	98
13) 1,4-Dichlorobenzene	6.87	146	821522	74.863	ng	97
14) 1,2-Dichlorobenzene	7.03	146	768416	76.019	ng	97
15) Benzyl Alcohol	7.00	79	613630	81.330	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	774067	60.996	ng	70
17) 2-Methylphenol	7.12	107	550917	78.037	ng	# 86
18) Hexachloroethane	7.36	117	306726	83.746	ng	95
19) n-Nitroso-di-n-propylamine	7.28	70	508558	82.432	ng	96
20) 3+4-Methylphenols	7.27	107	688466	80.430	ng	# 76
22) Acetophenone	7.27	105	1031572	82.469	ng	96
24) Nitrobenzene	7.44	77	745423	90.001	ng	99
25) Isophorone	7.68	82	1191848	78.958	ng	99
26) 2-Nitrophenol	7.75	139	409189	104.650	ng	# 90
27) 2,4-Dimethylphenol	7.80	122	544729	77.744	ng	95
28) bis(2-Chloroethoxy)methane	7.88	93	795886	76.866	ng	99
29) 2,4-Dichlorophenol	8.00	162	610927	79.816	ng	95
30) 1,2,4-Trichlorobenzene	8.07	180	687952	77.448	ng	98
31) Naphthalene	8.16	128	1922558	78.288	ng	99
32) Benzoic acid	7.97	122	364809	126.558	ng	93
33) 4-Chloroaniline	8.20	127	838810	76.002	ng	97
34) Hexachlorobutadiene	8.27	225	411101	83.164	ng	99
35) Caprolactam	8.62	113	207418	77.426	ng	95
36) 4-Chloro-3-methylphenol	8.70	107	639210	85.504	ng	94
37) 2-Methylnaphthalene	8.85	142	1323077	79.341	ng	# 96
38) 1-Methylnaphthalene	8.95	142	1258742	78.543	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	659017	78.691	ng	98

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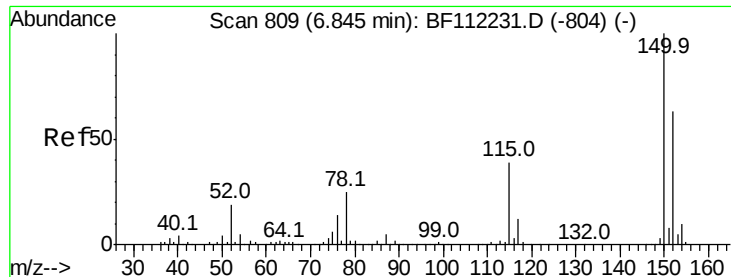
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	268647m	97.889	nq	
43) 2,4,6-Trichlorophenol	9.13	196	422734	84.379	nq	98
44) 2,4,5-Trichlorophenol	9.18	196	439006	82.274	nq	95
46) 1,1'-Biphenyl	9.32	154	1741005	79.835	nq	98
47) 2-Chloronaphthalene	9.34	162	1361037	79.732	nq	94
48) 2-Nitroaniline	9.43	65	393039	102.222	nq	87
49) Acenaphthylene	9.76	152	1961218	78.731	nq	99
50) Dimethylphthalate	9.62	163	1586057	83.390	nq	100
51) 2,6-Dinitrotoluene	9.68	165	352722	92.862	nq	# 85
52) Acenaphthene	9.93	154	1190859	78.134	nq	99
53) 3-Nitroaniline	9.85	138	387016	91.115	nq	87
54) 2,4-Dinitrophenol	9.96	184	139701	172.558	nq	93
55) Dibenzofuran	10.10	168	1782568	77.339	nq	92
56) 4-Nitrophenol	10.03	139	225450	85.398	nq	88
57) 2,4-Dinitrotoluene	10.09	165	459652	101.555	nq	# 75
58) Fluorene	10.44	166	1363036	79.150	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	334126m	82.982	nq	
60) Diethylphthalate	10.31	149	1576296	84.902	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	732238	78.797	nq	# 89
62) 4-Nitroaniline	10.47	138	380557	90.228	nq	90
63) Azobenzene	10.59	77	1439047	80.939	nq	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	241904	137.193	nq	87
66) n-Nitrosodiphenylamine	10.55	169	1309528	79.655	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	463083	80.170	nq	93
68) Hexachlorobenzene	10.99	284	496441	79.784	nq	93
69) Atrazine	11.07	200	356636	67.226	nq	95
70) Pentachlorophenol	11.19	266	230388	89.538	nq	100
71) Phenanthrene	11.40	178	1955413	78.133	nq	99
72) Anthracene	11.46	178	1975918	77.939	nq	99
73) Carbazole	11.61	167	1904360	74.985	nq	97
74) Di-n-butylphthalate	11.93	149	2374401	83.115	nq	99
75) Fluoranthene	12.59	202	1970944	74.589	nq	98
77) Benzidine	12.70	184	624793	52.502	nq	96
78) Pyrene	12.82	202	2032983	86.394	nq	99
80) Butylbenzylphthalate	13.42	149	992851	96.175	nq	90
81) Benzo(a)anthracene	14.00	228	1619735	79.203	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	521485	68.091	nq	99
83) Chrysene	14.04	228	1525388	78.829	nq	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	1378332	93.160	nq	98
85) Di-n-octyl phthalate	14.59	149	1997217	87.613	nq	99
86) Indeno(1,2,3-cd)pyrene	16.97	276	1163773	65.188	nq	96
88) Benzo(b)fluoranthene	15.06	252	1308963	88.629	nq	98
89) Benzo(k)fluoranthene	15.09	252	1147822	80.298	nq	98
90) Benzo(a)pyrene	15.42	252	1101845	81.351	nq	100
91) Dibenzo(a,h)anthracene	16.98	278	971845	80.787	nq	98
92) Benzo(g,h,i)perylene	17.42	276	953120	80.423	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.01 min

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BNA_F

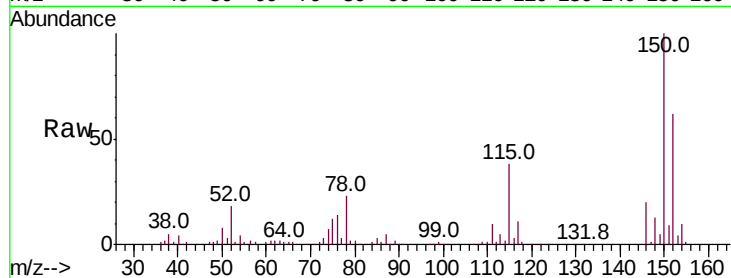
ClientSampleId :

SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.3	127.4	191.0
115	61.9	45.5	68.3

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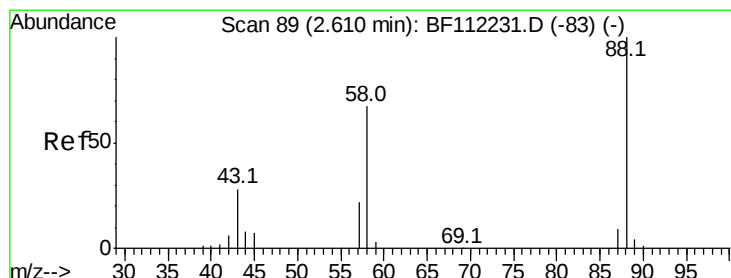
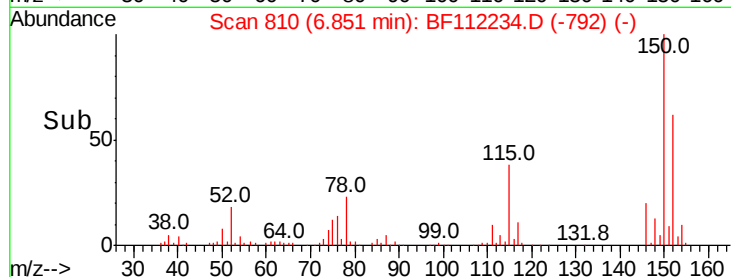
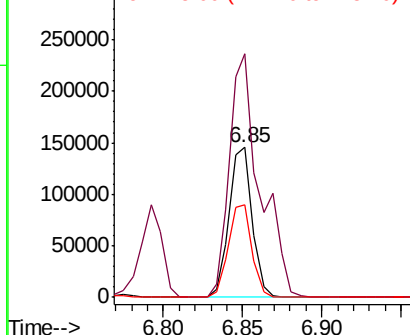


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 68.280 ng

RT: 2.61 min Scan# 89

Delta R.T. 0.00 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

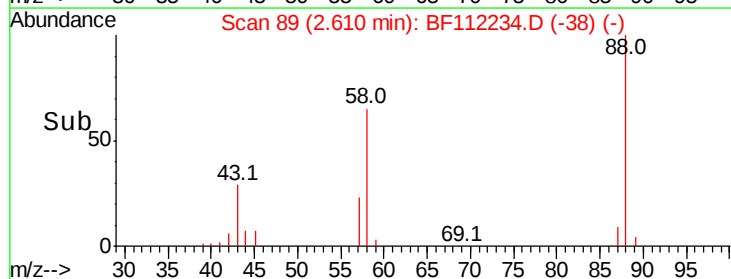
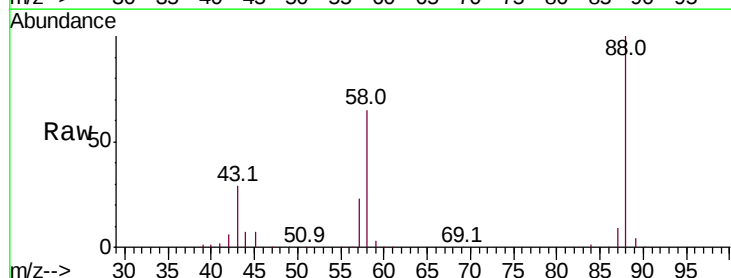
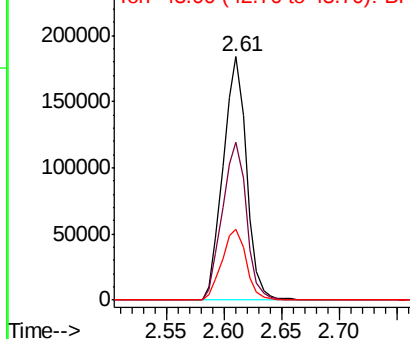
Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.5	57.4	86.2
43	30.4	22.2	33.4

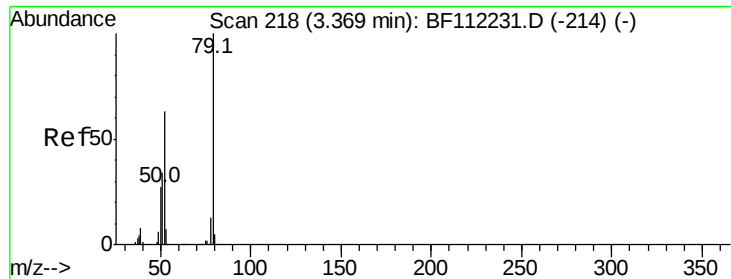
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 76.132 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA_F

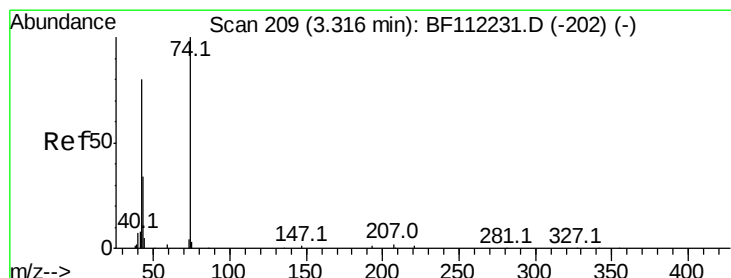
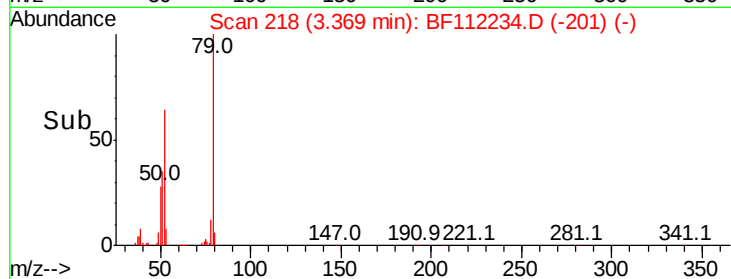
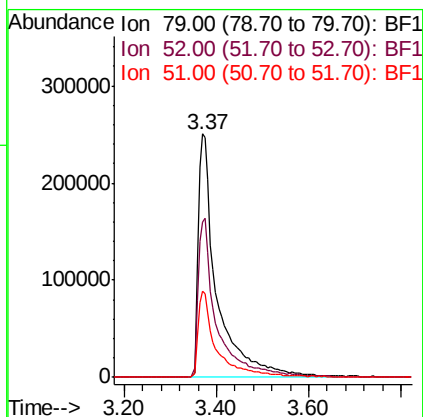
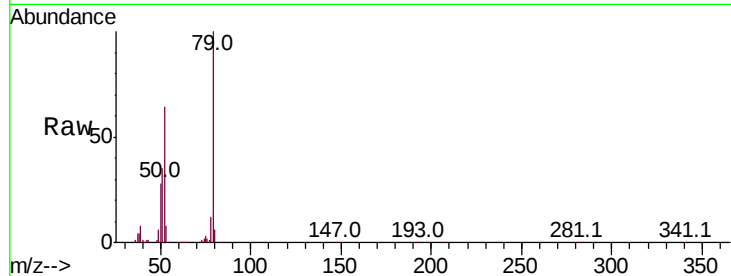
ClientSampleId :

SSTDIC080

Tot Ion:	79	Resp:	723852
Ion Ratio	Lower	Upper	
79	100		
52	63.8	52.4	78.6
51	35.3	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 81.512 ng

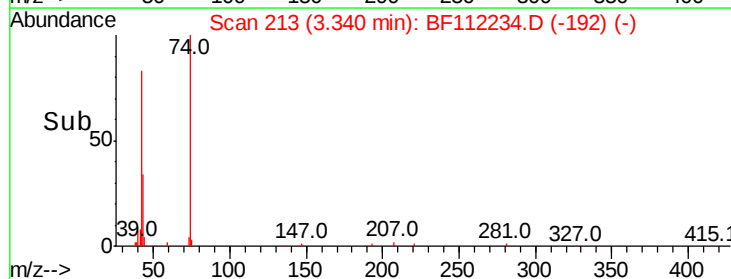
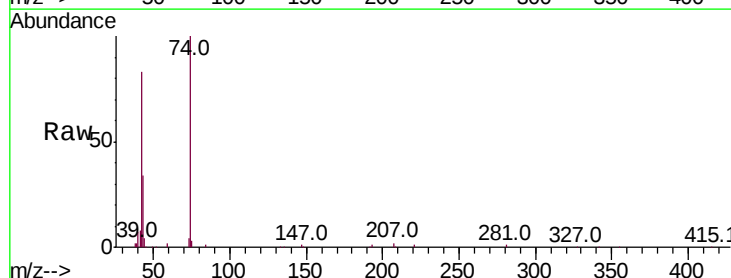
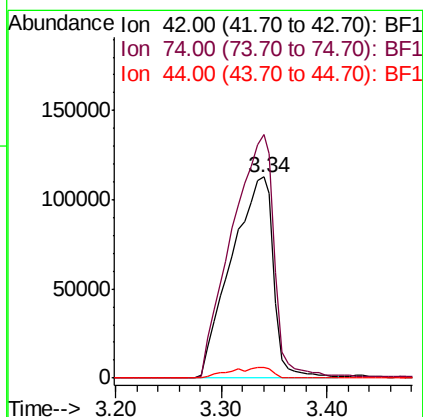
RT: 3.34 min Scan# 213

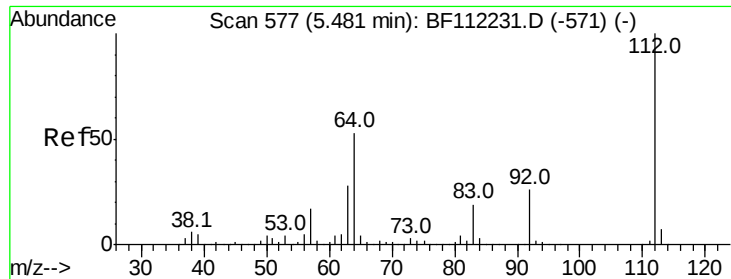
Delta R.T. 0.02 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Tgt Ion:	42	Resp:	314669
Ion Ratio	Lower	Upper	
42	100		
74	120.9	105.6	158.4
44	5.4	5.4	8.2#





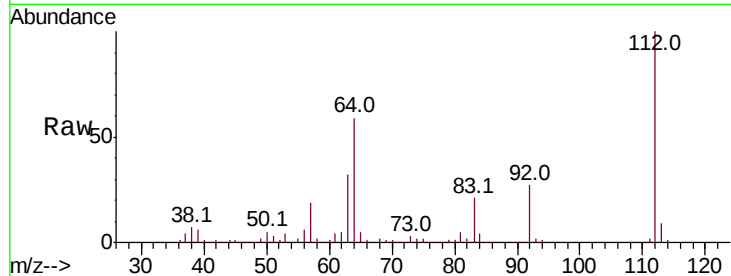
#5
2-Fluorophenol
Concen: 150.856 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Instrument :
BNA_F
ClientSampled :
SSTDIC080

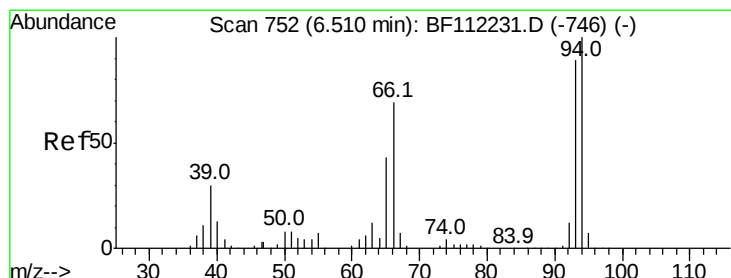
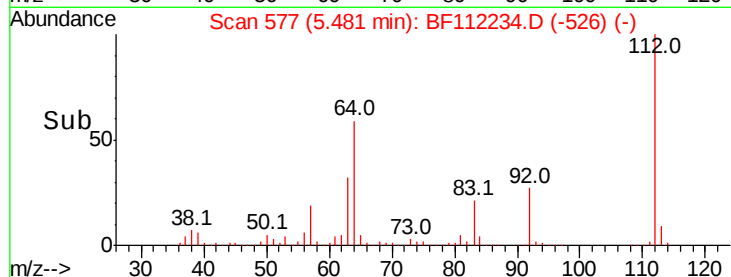
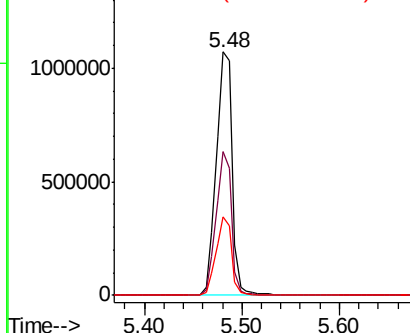
Tot Ion	Ratio	Lower	Upper
112	100		
64	59.2	45.7	68.5
63	32.3	23.6	35.4

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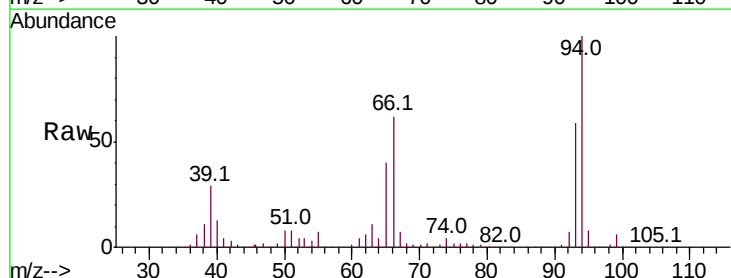


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

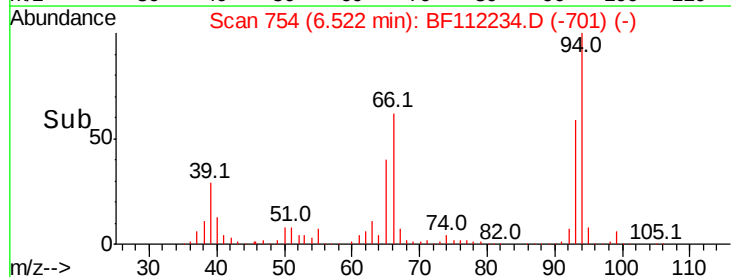
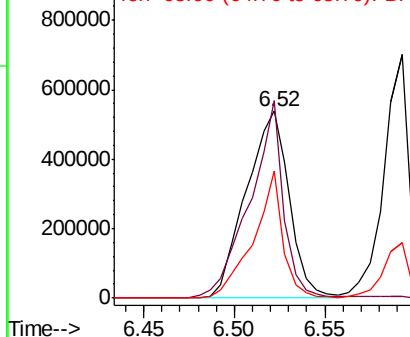


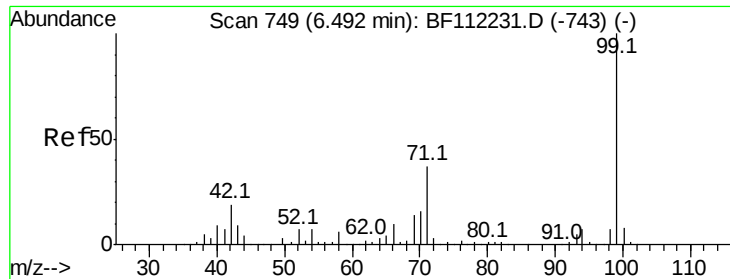
#6
Aniline
Concen: 72.096 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Tgt Ion	Ratio	Lower	Upper
93	100		
66	105.8	43.4	65.2#
65	67.8	25.3	37.9#



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





#7

Phenol-d6

Concen: 150.454 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.02 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 99 Resp: 1523653

Ion Ratio Lower Upper

99 100

42 20.1 15.1 22.7

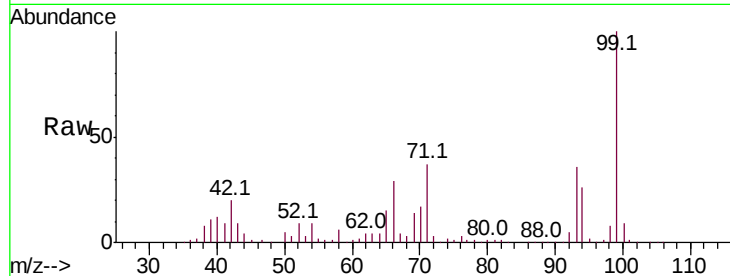
71 37.5 26.9 40.3

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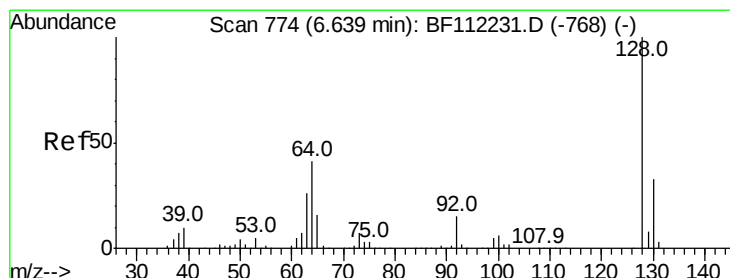
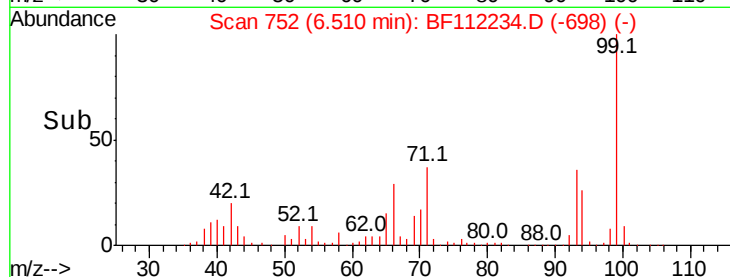
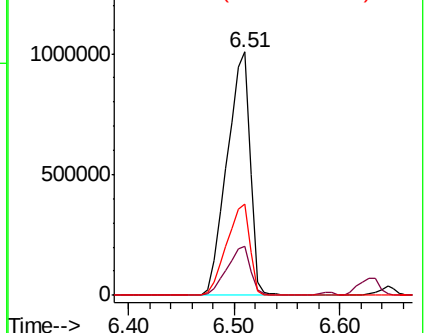
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 76.101 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

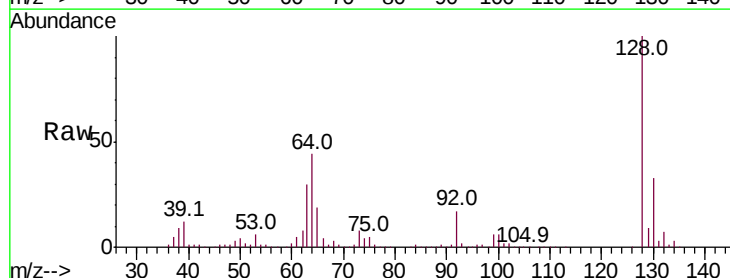
Tgt Ion: 128 Resp: 715396

Ion Ratio Lower Upper

128 100

130 33.1 13.4 53.4

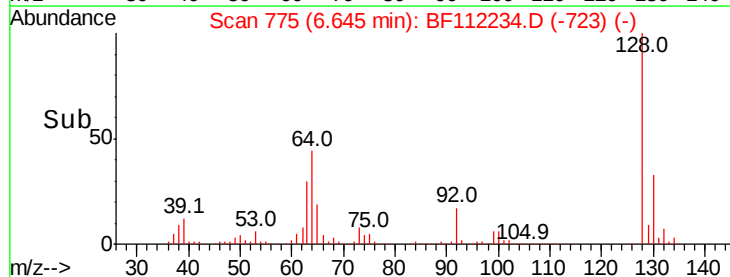
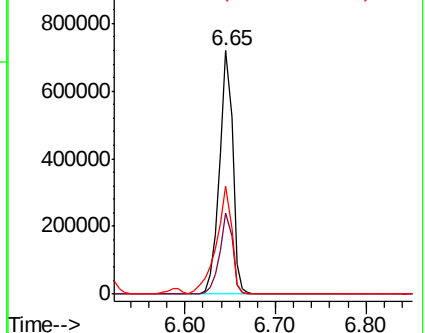
64 44.2 20.5 60.5

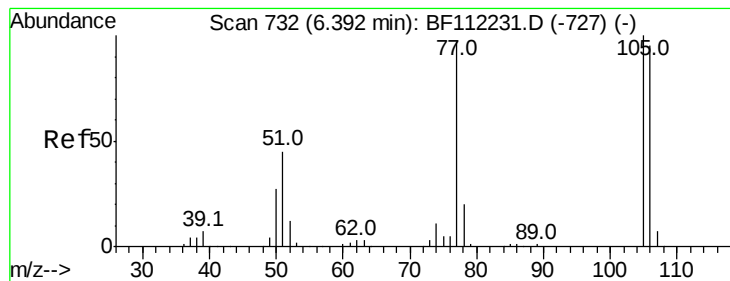


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 52.859 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA_F

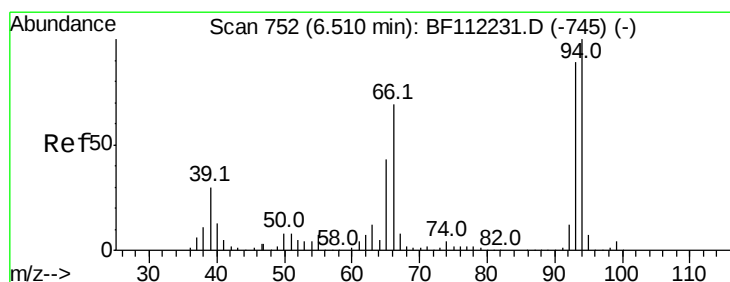
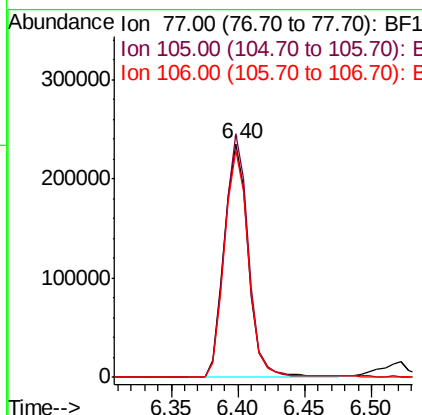
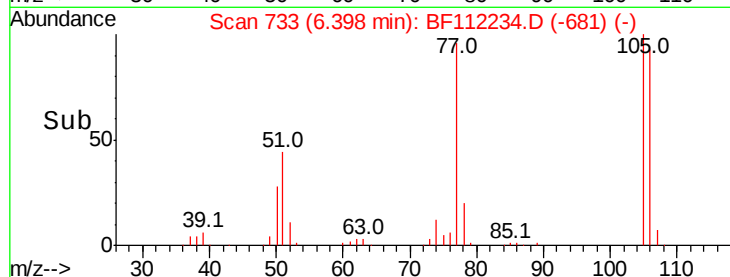
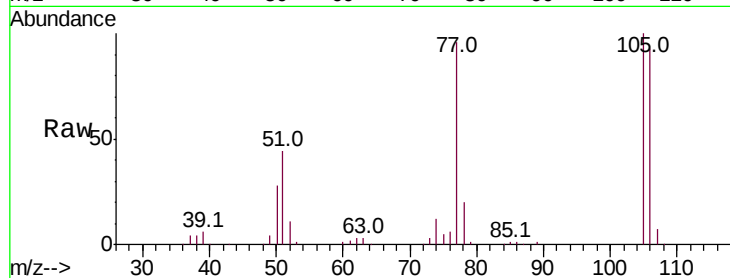
ClientSampleId :

SSTDIC080

Tot Ion:	77	Resp:	303007
Ion Ratio	Lower	Upper	
77	100		
105	104.1	80.8	120.8
106	97.0	75.7	115.7

Manual Integrations
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#10

Phenol

Concen: 76.635 ng

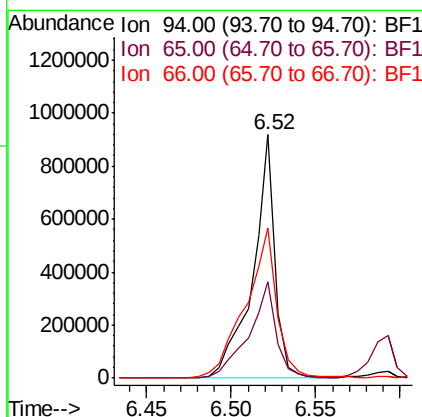
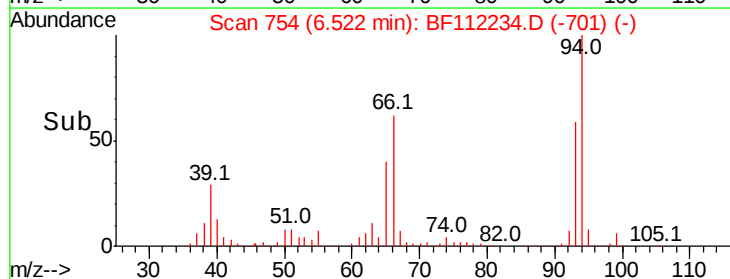
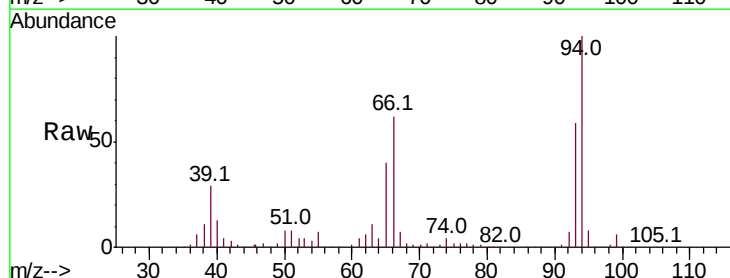
RT: 6.52 min Scan# 754

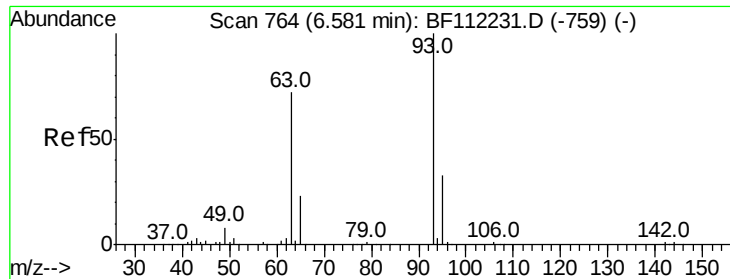
Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Tgt Ion:	94	Resp:	848186
Ion Ratio	Lower	Upper	
94	100		
65	39.7	20.3	60.3
66	61.9	42.4	82.4





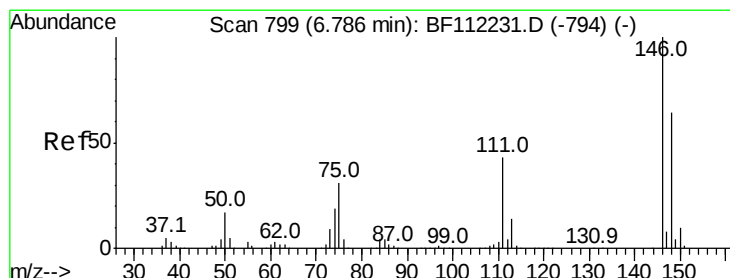
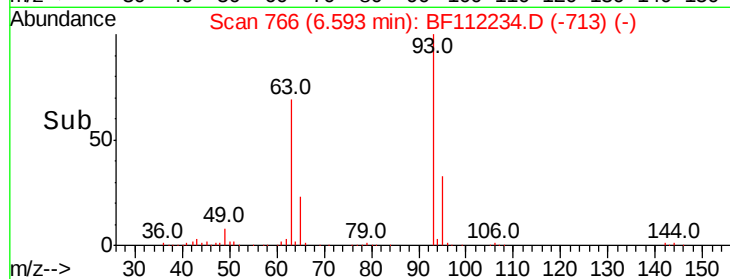
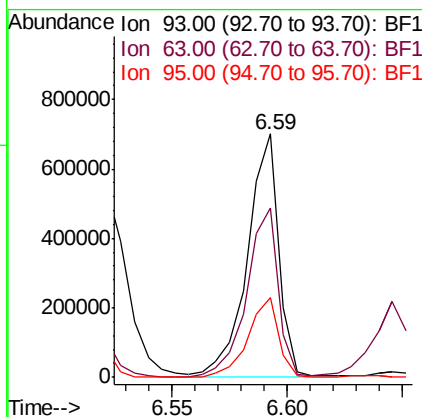
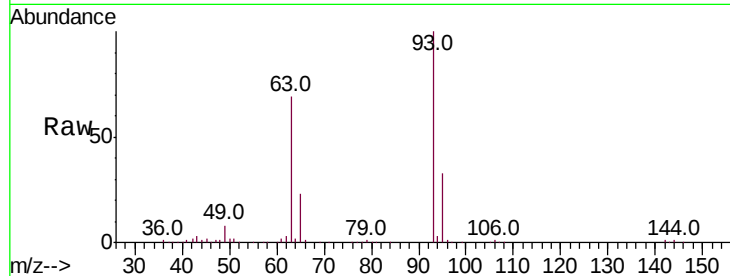
#11
bis(2-Chloroethyl)ether
Concen: 76.456 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.4	53.3	93.3
95	32.6	13.4	53.4

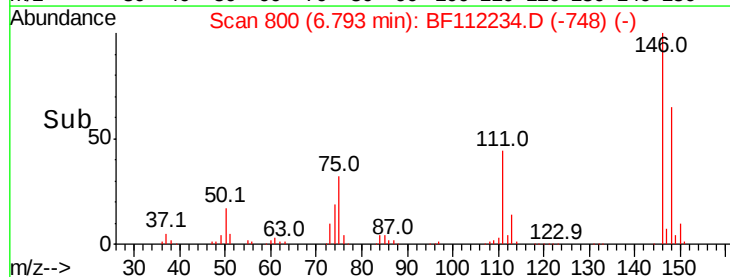
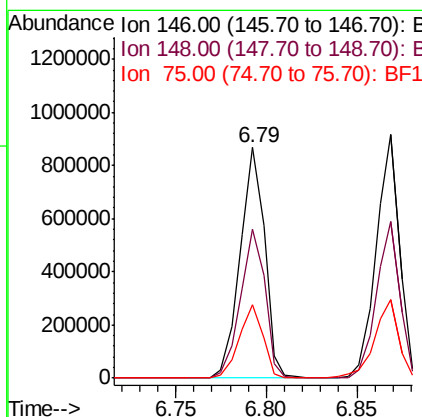
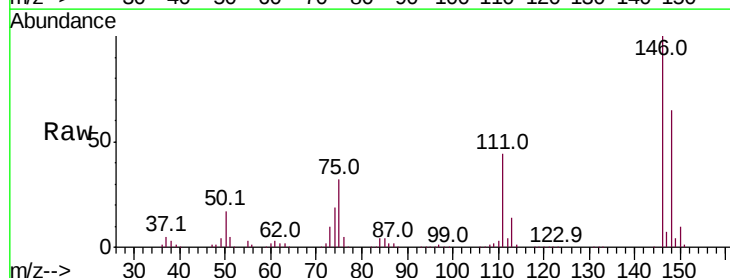
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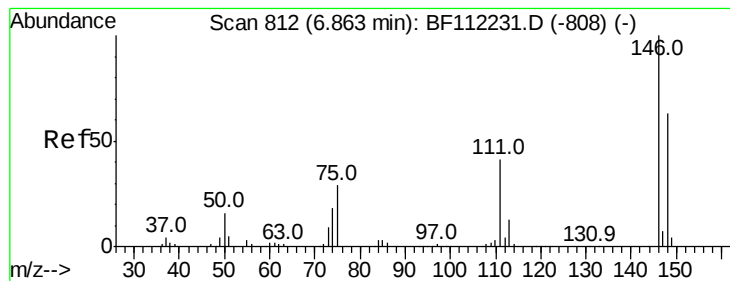
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#12
1,3-Dichlorobenzene
Concen: 76.319 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
75	32.0	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 74.863 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA_F

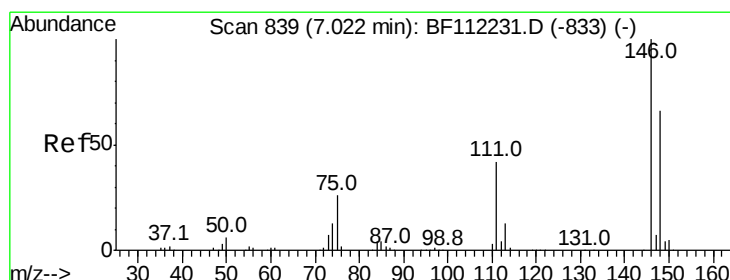
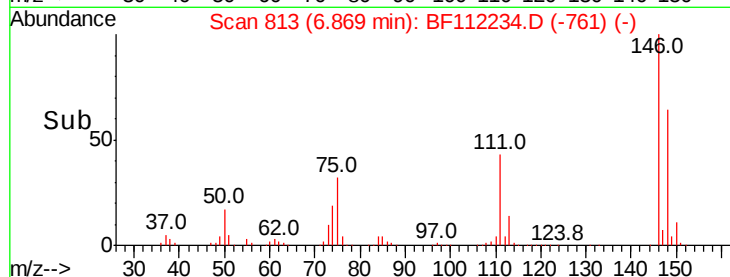
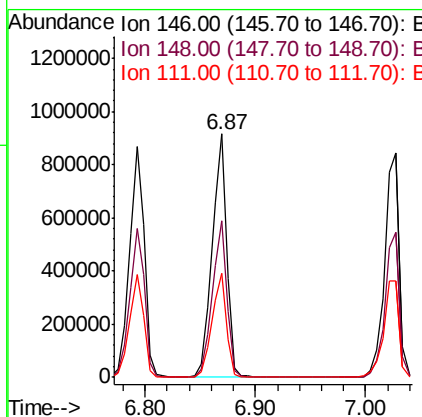
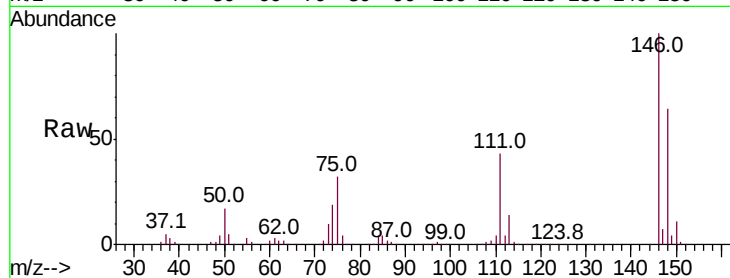
ClientSampleId :

SSTDIC080

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.0	78.0
111	42.9	31.2	46.8

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#14

1,2-Dichlorobenzene

Concen: 76.019 ng

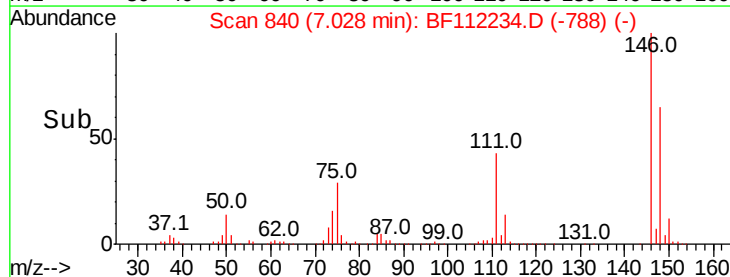
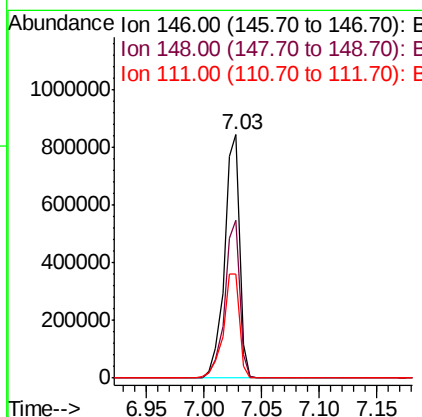
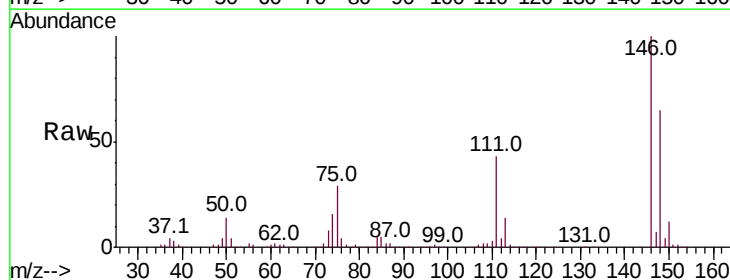
RT: 7.03 min Scan# 840

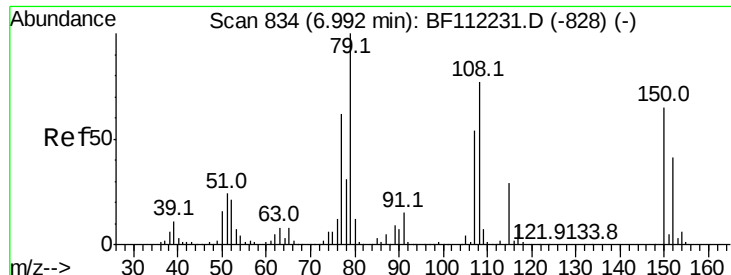
Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.4
111	42.7	31.2	46.8





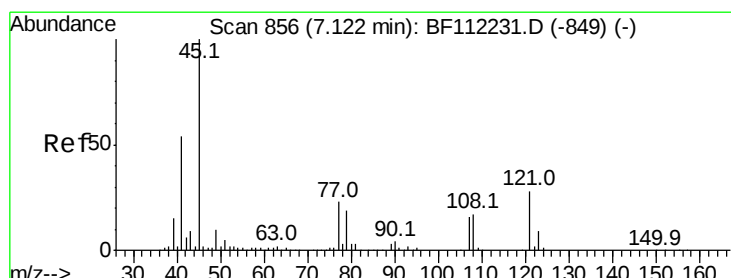
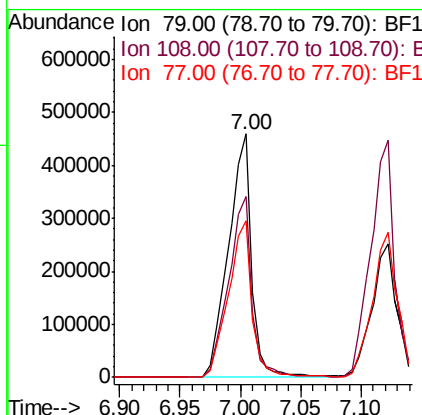
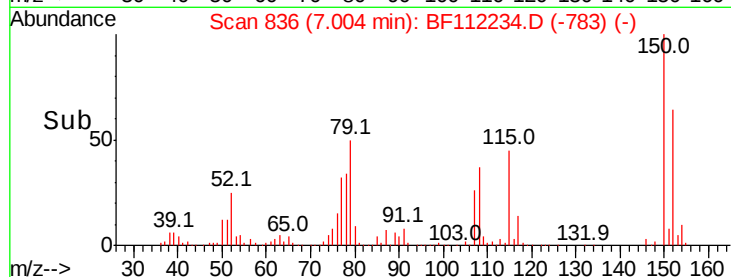
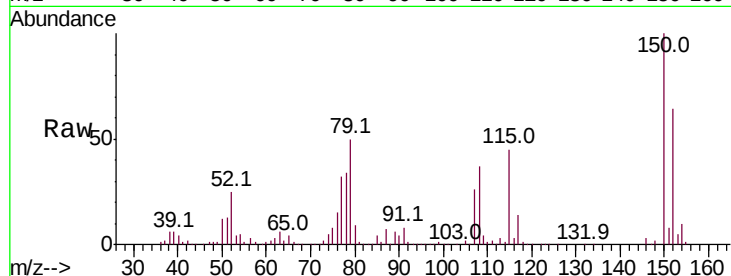
#15
Benzyl Alcohol
Concen: 81.330 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleID :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.5	64.2	96.2
77	64.5	50.3	75.5

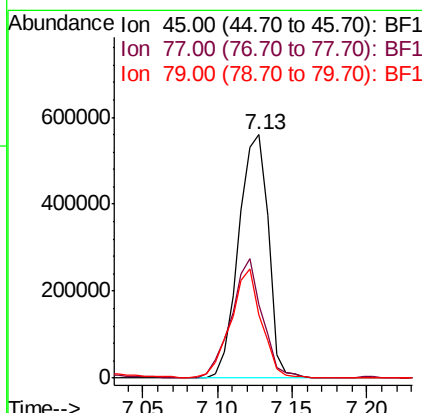
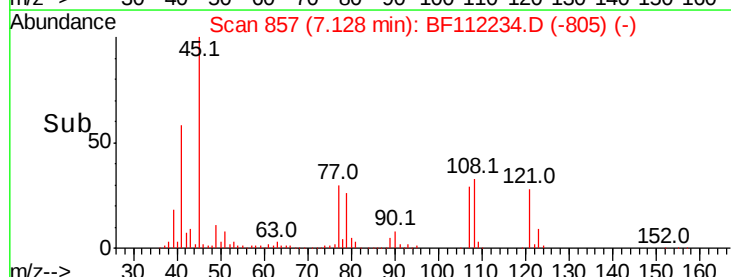
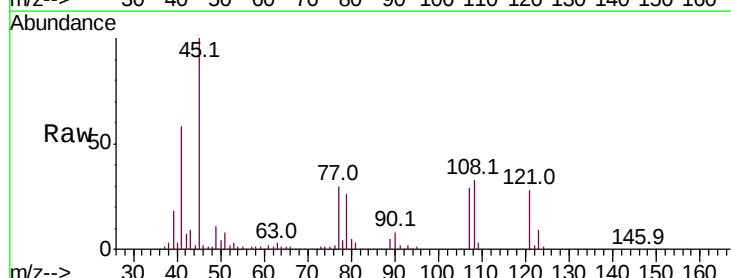
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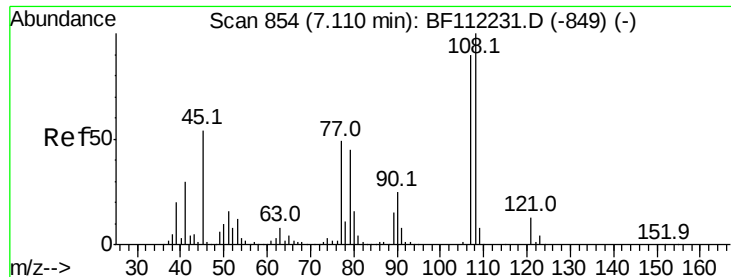
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 60.996 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	30.2	0.0	36.9
79	25.9	0.0	34.0





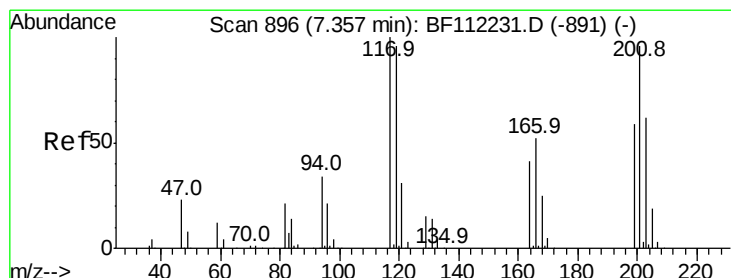
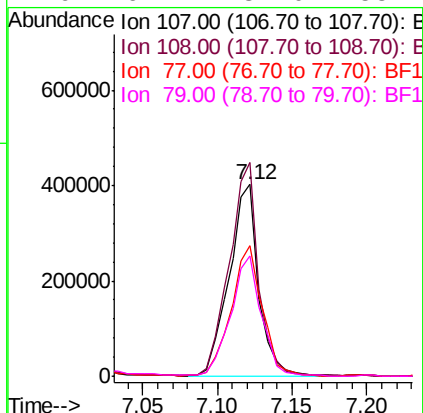
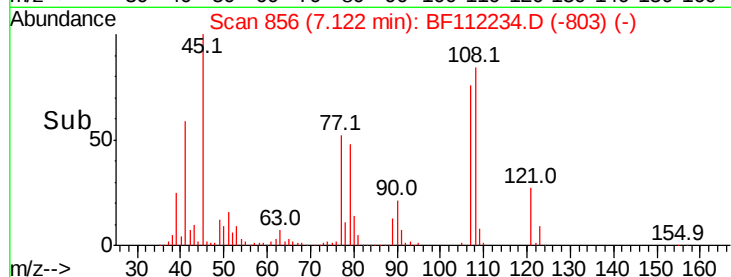
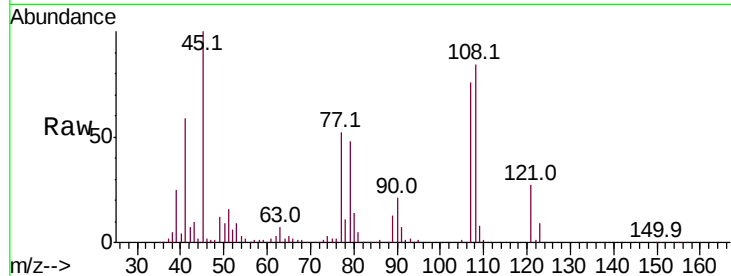
#17
2-Methylphenol
Concen: 78.037 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	91.3	136.9	
77	68.2	39.0	58.6	
79	62.7	37.0	55.4	

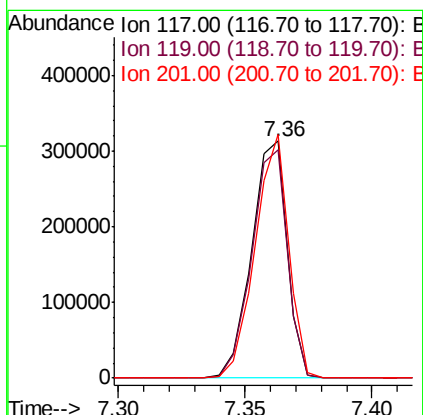
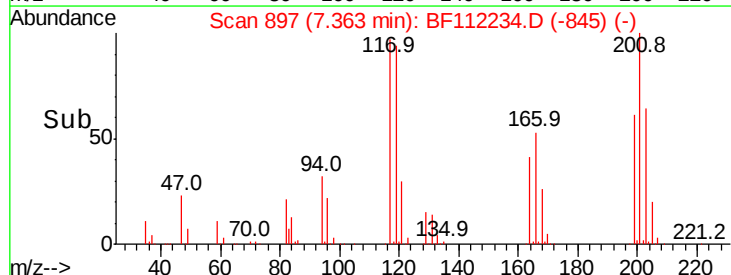
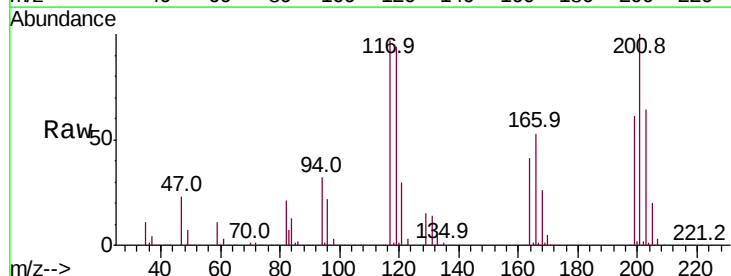
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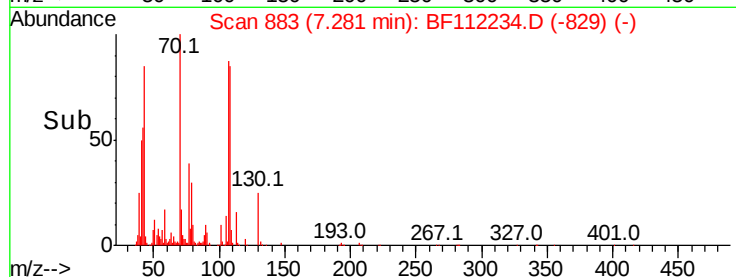
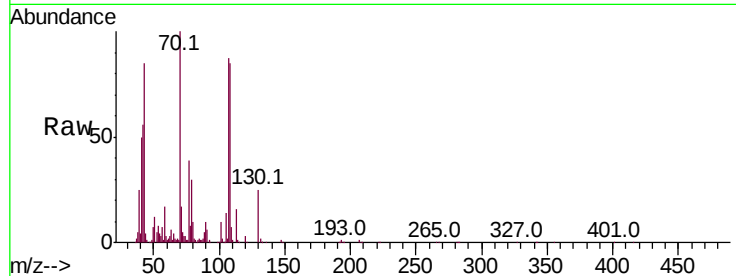
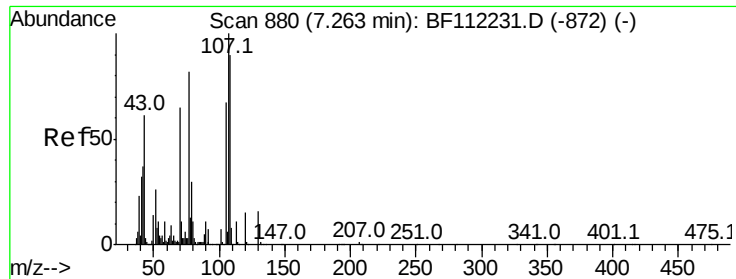
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#18
Hexachloroethane
Concen: 83.746 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	77.0	115.4	
201	102.7	74.1	111.1	





#19

n-Nitroso-di-n-propylamine

Concen: 82.432 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.02 min

Lab File: BF112234.D

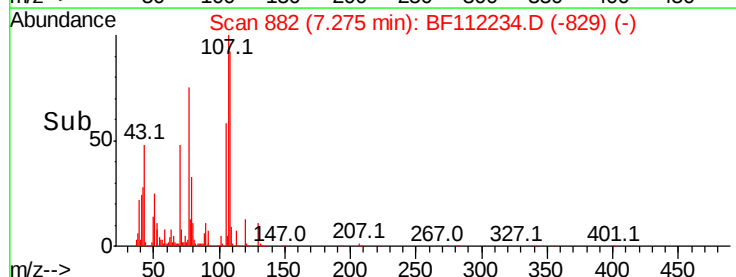
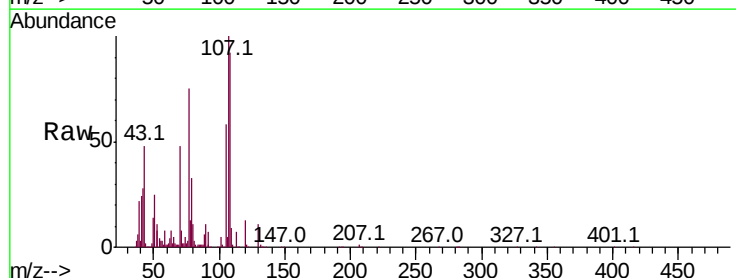
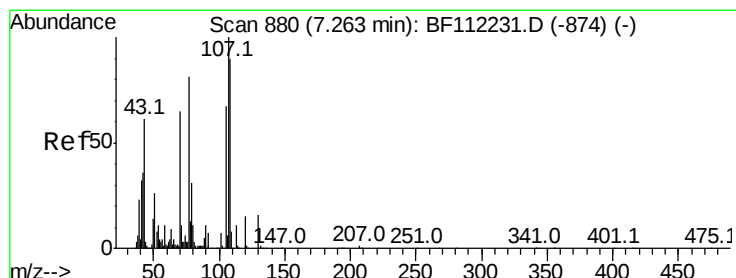
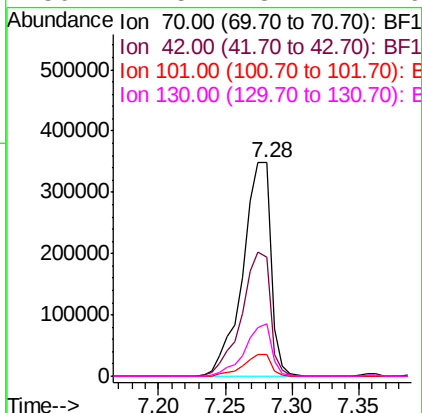
Acq: 25 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.8	47.6	71.4
101	10.4	7.9	11.9
130	24.5	18.4	27.6

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#20

3+4-Methylphenols

Concen: 80.430 ng

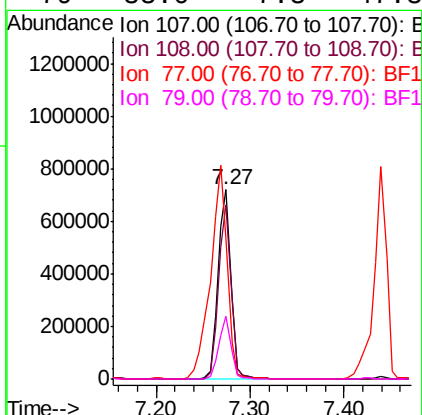
RT: 7.27 min Scan# 882

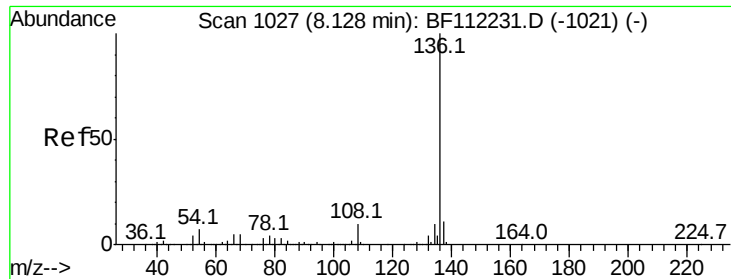
Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.2	68.2	108.2
77	74.8	100.7	140.7#
79	33.0	7.3	47.3





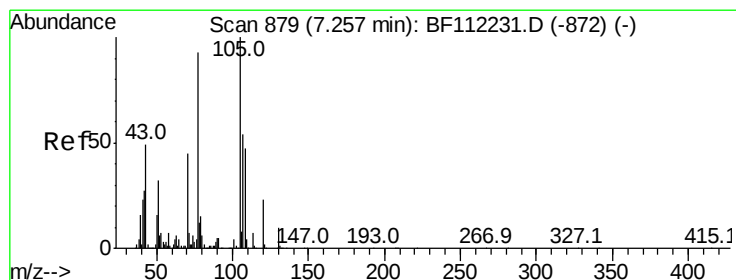
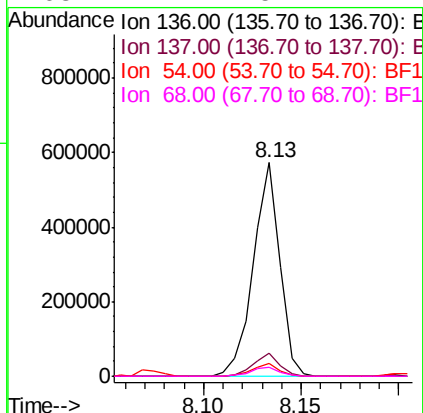
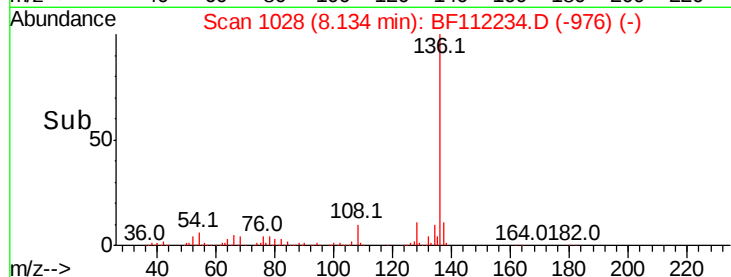
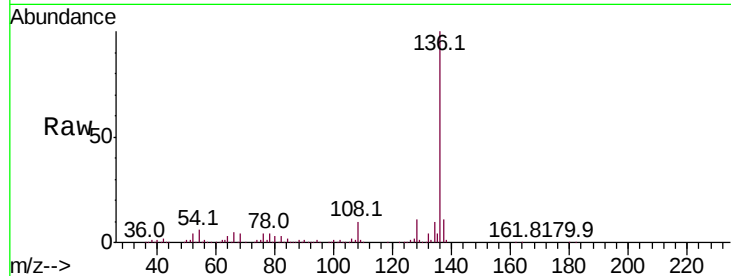
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.1	13.7	
54	6.0	5.9	8.9	
68	4.1	5.1	7.7#	

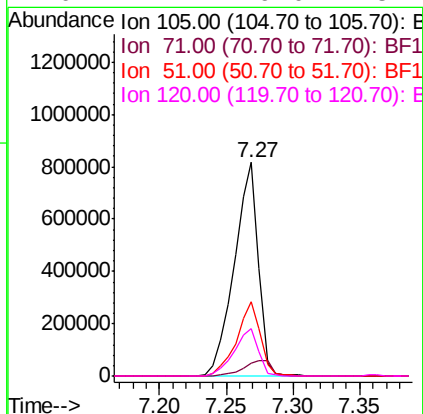
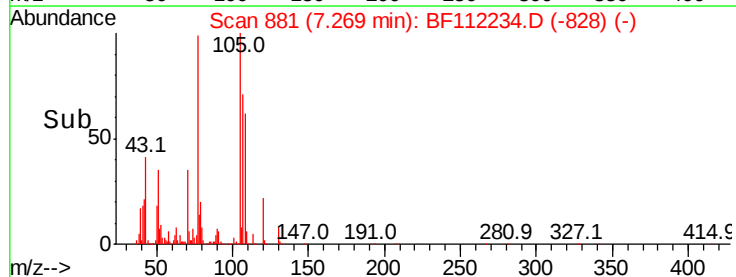
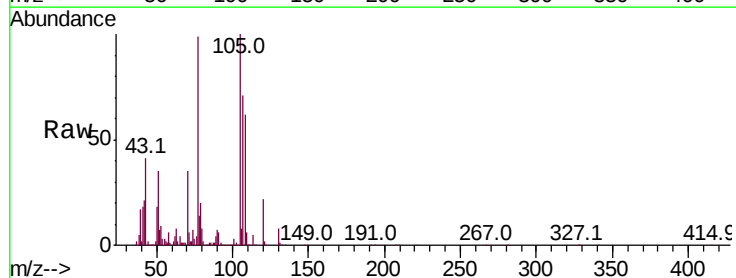
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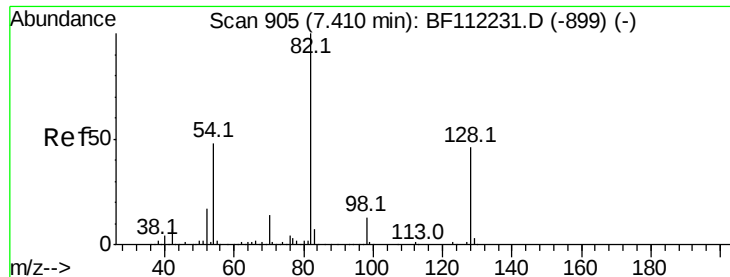
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#22
Acetophenone
Concen: 82.469 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.9	4.6	6.8	
51	34.5	25.0	37.6	
120	22.4	19.0	28.4	





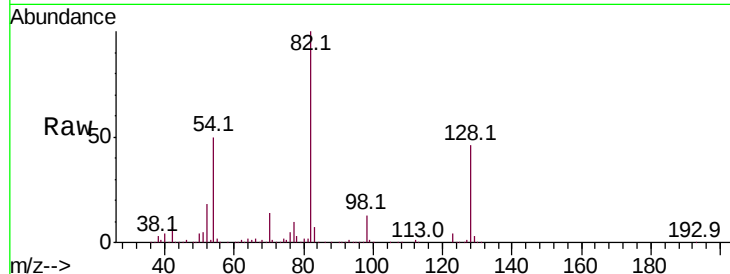
#23
Nitrobenzene-d5
Concen: 192.686 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Instrument :
BNA_F
ClientSampled :
SSTDIC080

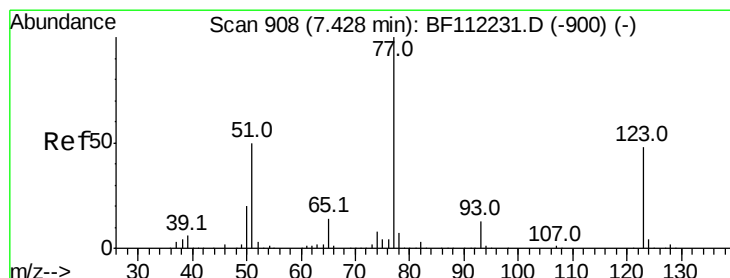
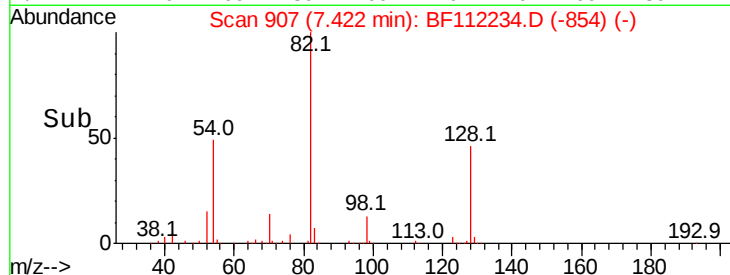
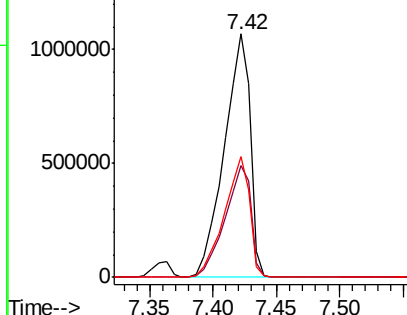
Tot Ion: 82 Resp: 1505822
Ion Ratio Lower Upper
82 100
128 45.9 37.8 56.8
54 49.7 39.7 59.5

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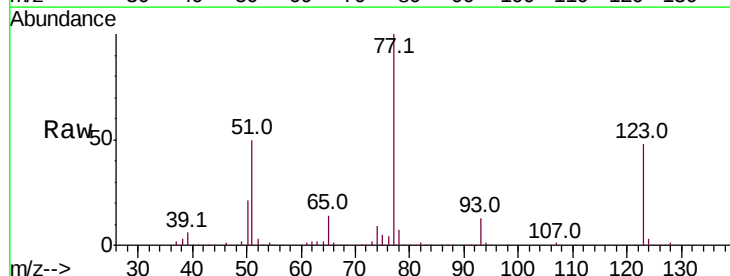


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

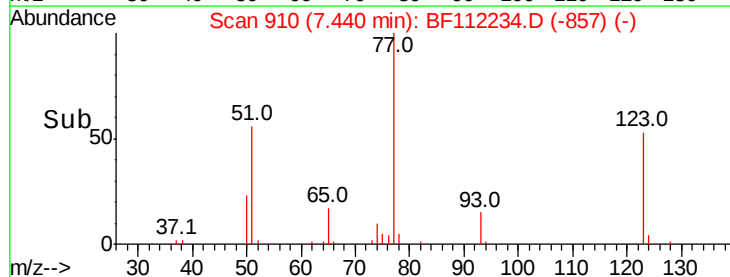
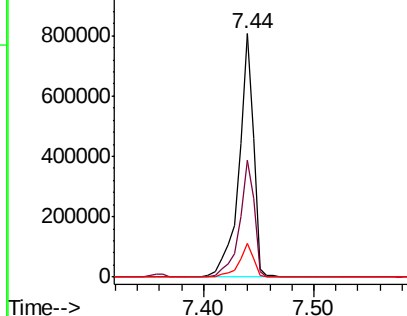


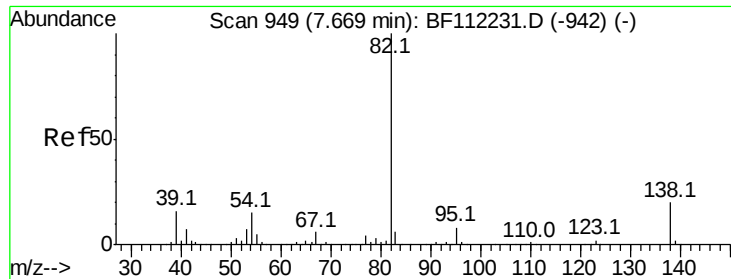
#24
Nitrobenzene
Concen: 90.001 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Tgt Ion: 77 Resp: 745423
Ion Ratio Lower Upper
77 100
123 48.1 38.4 57.6
65 14.0 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 78.958 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 82 Resp: 1191848

Ion Ratio Lower Upper

82 100

95 8.1 5.7 8.5

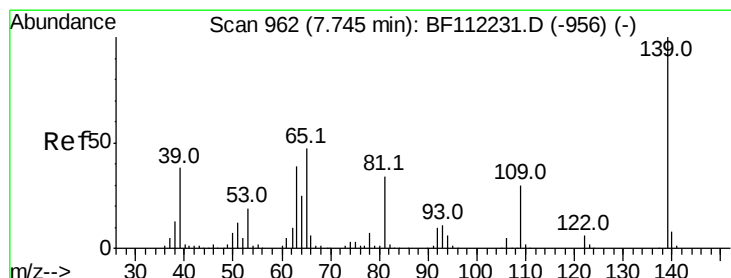
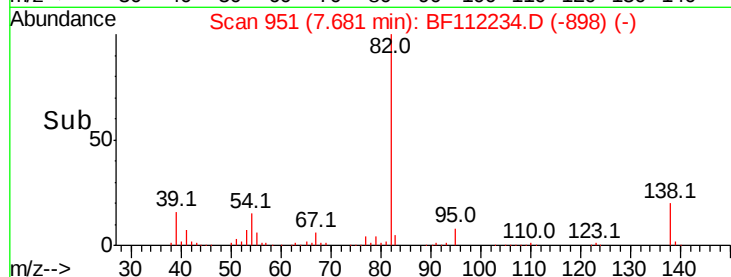
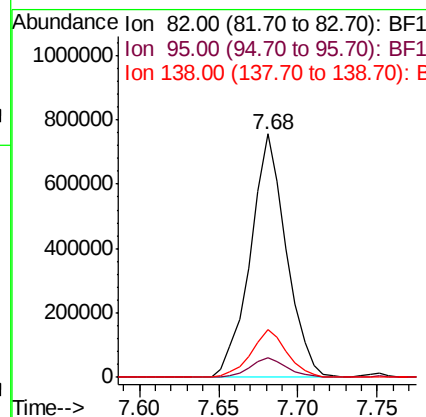
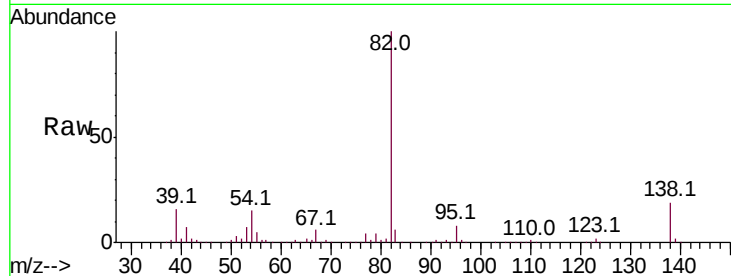
138 19.5 15.4 23.0

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#26

2-Nitrophenol

Concen: 104.650 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

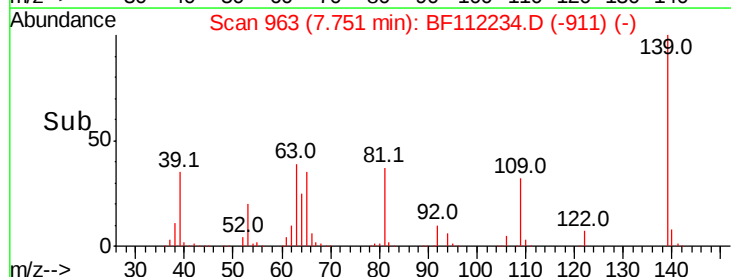
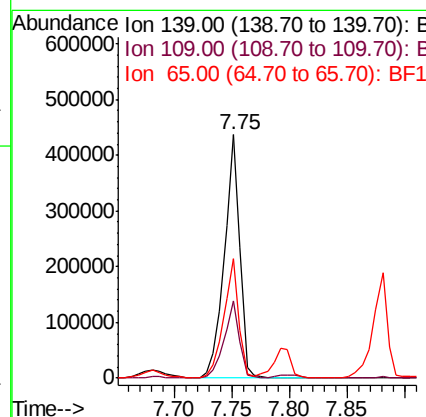
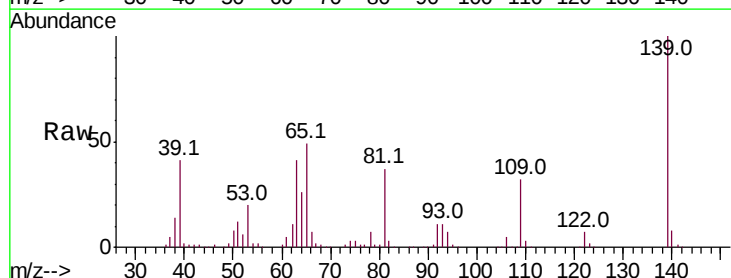
Tgt Ion: 139 Resp: 409189

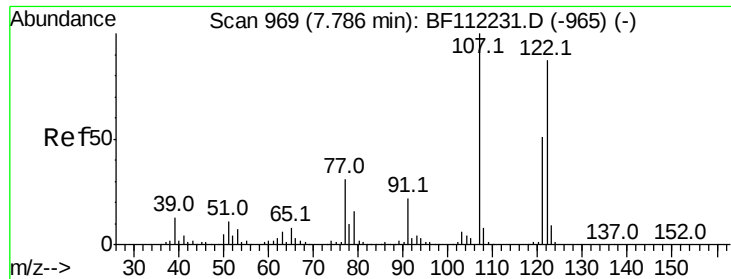
Ion Ratio Lower Upper

139 100

109 31.7 20.8 31.2#

65 49.0 34.4 51.6





#27

2,4-Dimethylphenol

Concen: 77.744 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA_F

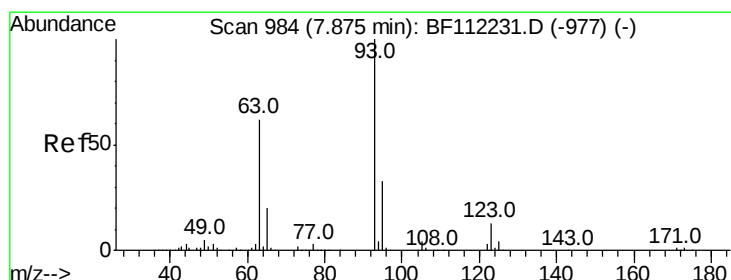
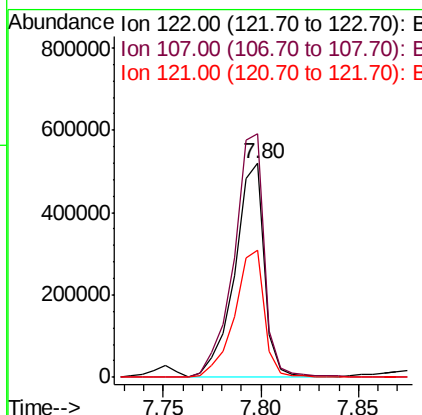
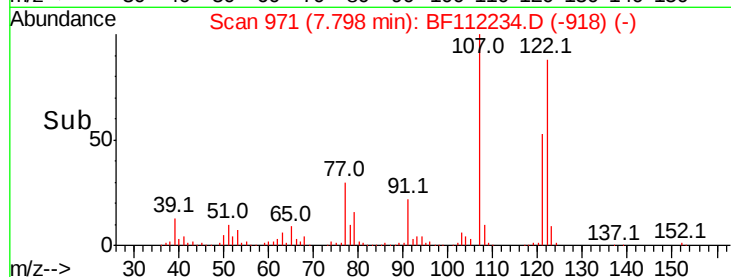
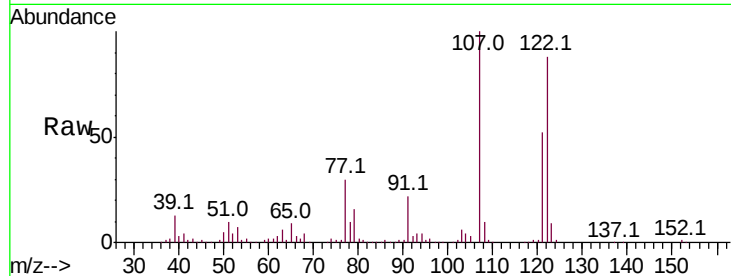
ClientSampleId :

SSTDICC080

Tot Ion:	122	Resp:	544729
Ion Ratio	Lower	Upper	
122	100		
107	113.7	85.4	128.0
121	59.7	47.0	70.4

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#28

bis(2-Chloroethoxy)methane

Concen: 76.866 ng

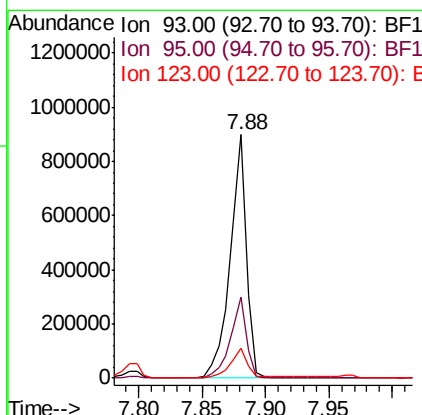
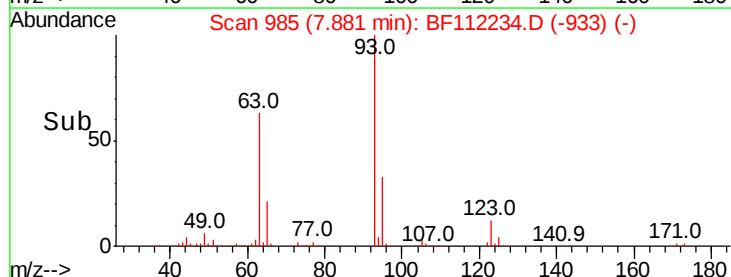
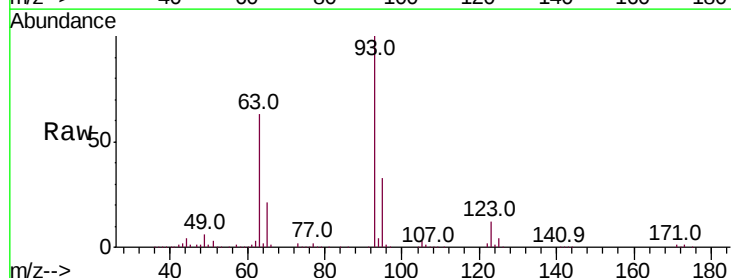
RT: 7.88 min Scan# 985

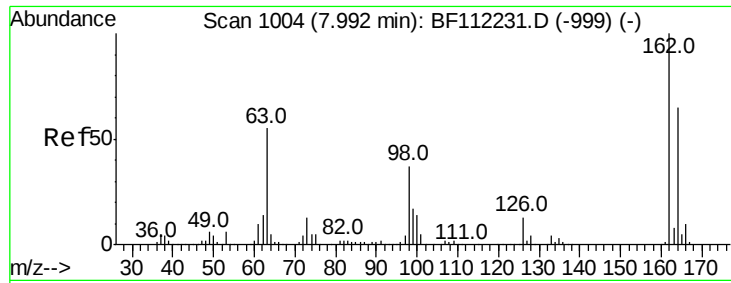
Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Tgt Ion:	93	Resp:	795886
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.8	40.2
123	12.1	10.2	15.2





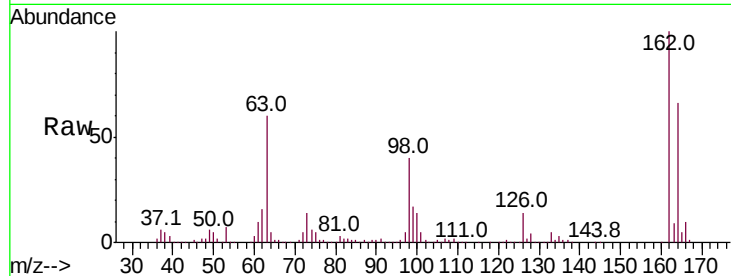
#29
 2,4-Dichlorophenol
 Concen: 79.816 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF112234.D
 Acq: 25 Jan 2019 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.0	44.6	84.6
98	40.5	14.6	54.6

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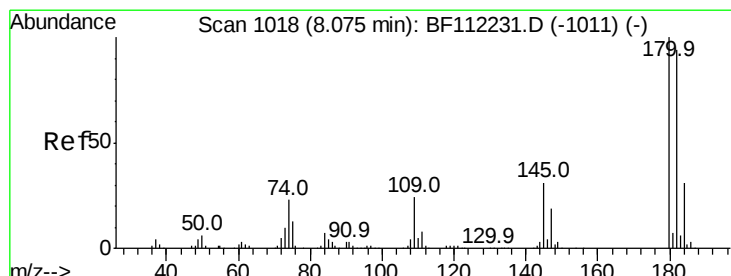
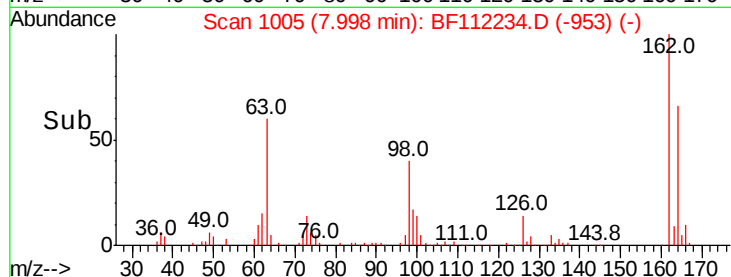
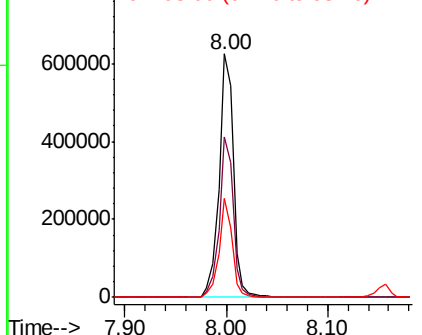


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 77.448 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF112234.D
 Acq: 25 Jan 2019 15:39

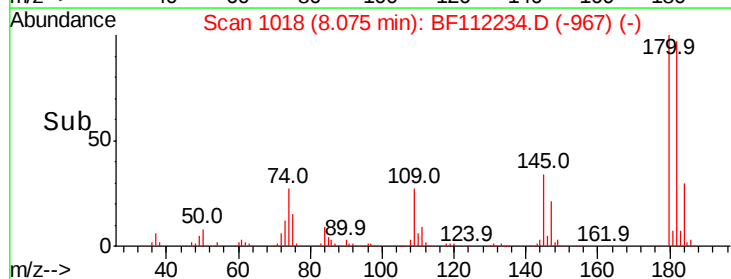
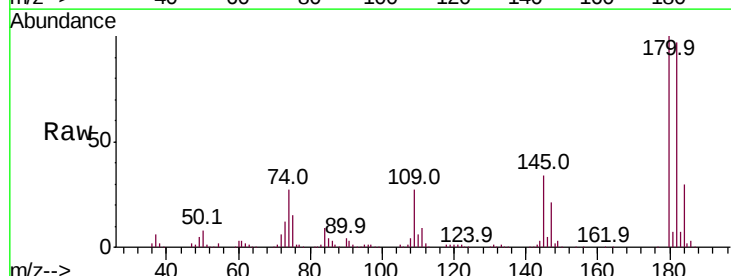
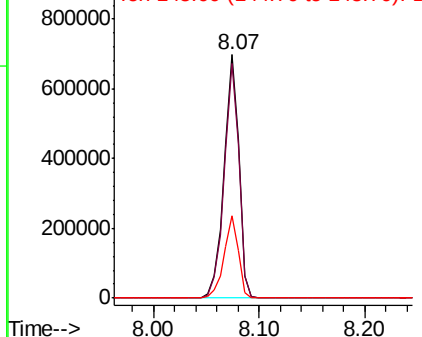
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.5	76.4	114.6
145	33.7	25.0	37.4

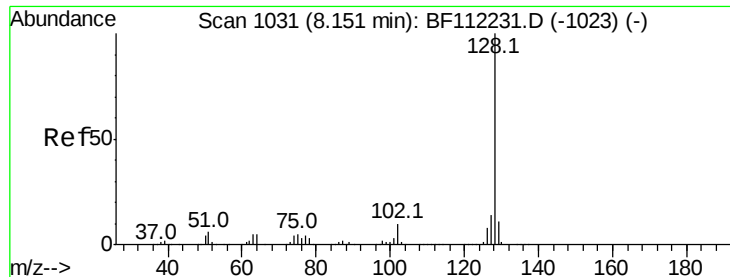
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





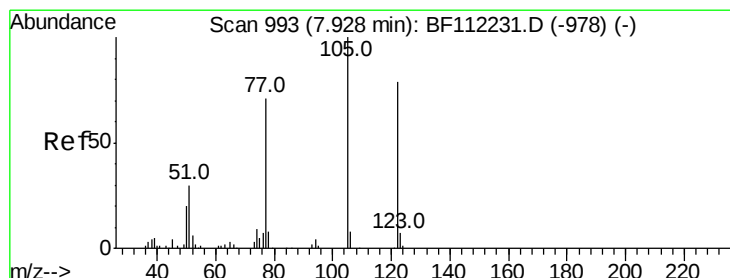
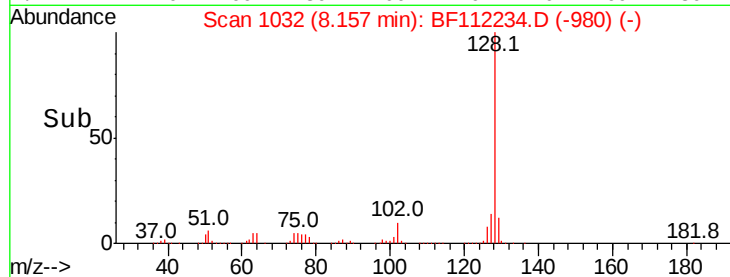
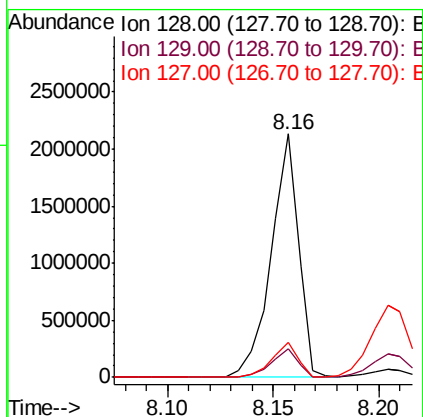
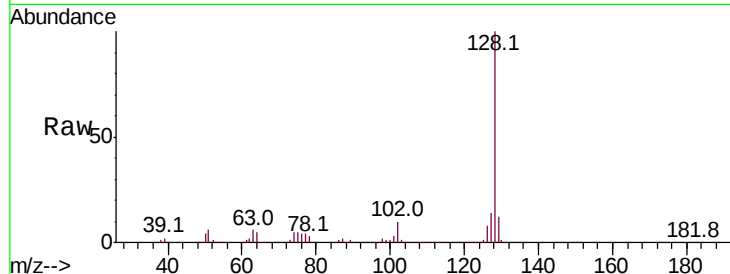
#31
Naphthalene
Concen: 78.288 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.6	14.4
127	14.3	11.1	16.7

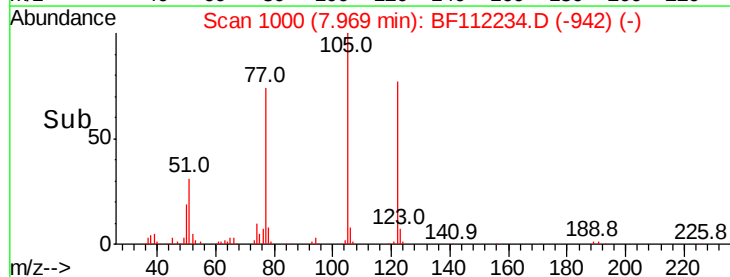
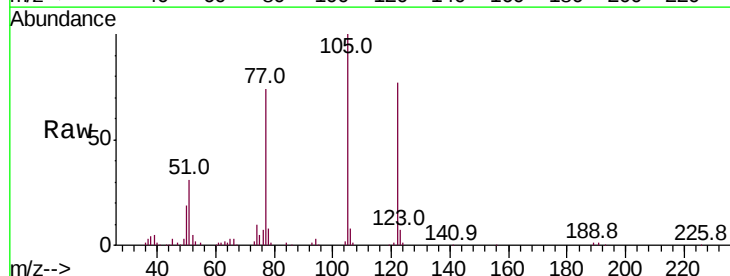
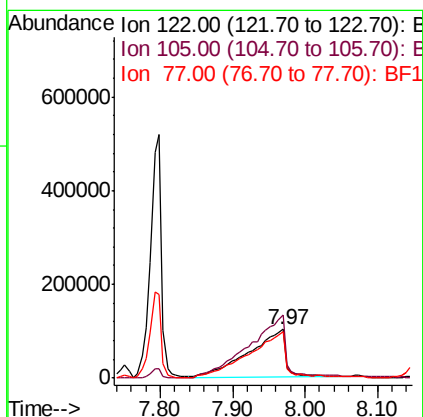
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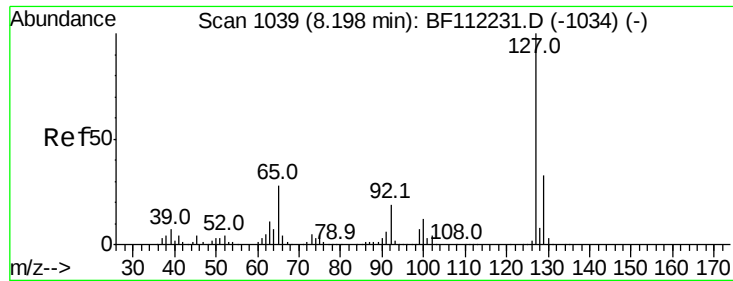
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#32
Benzoic acid
Concen: 126.558 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.04 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.6	101.2	141.2
77	96.1	70.4	110.4





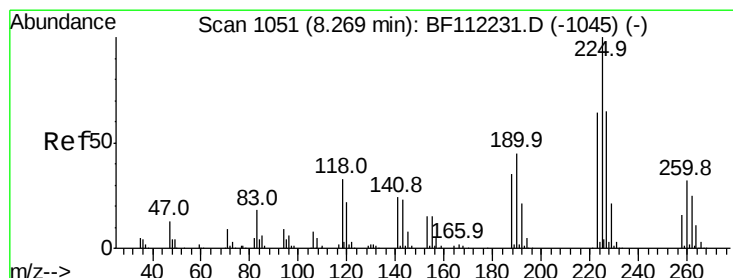
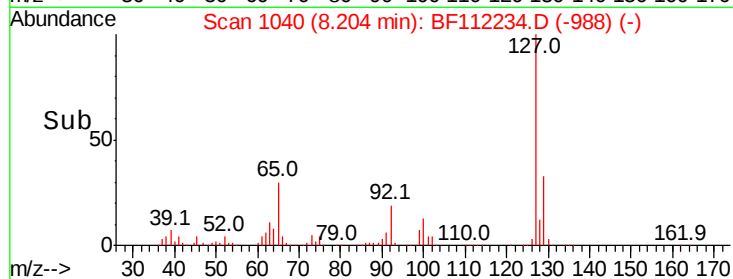
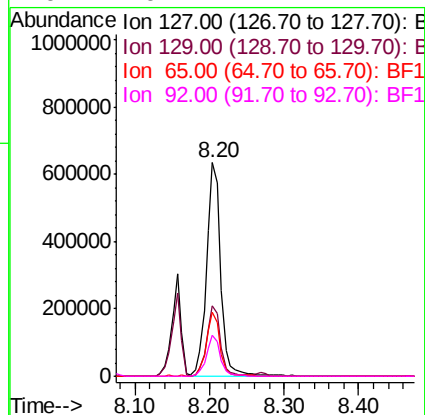
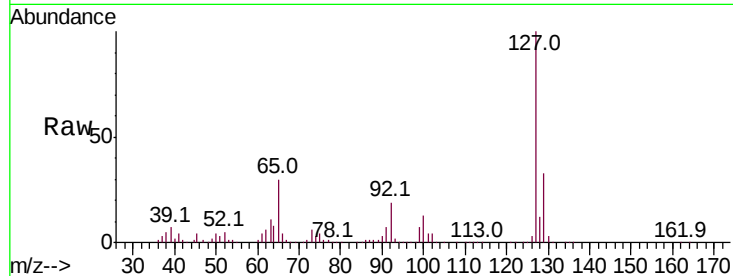
#33
4-Chloroaniline
Concen: 76.002 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.6	39.8		
65	30.0	21.4	32.2		
92	19.2	14.2	21.2		

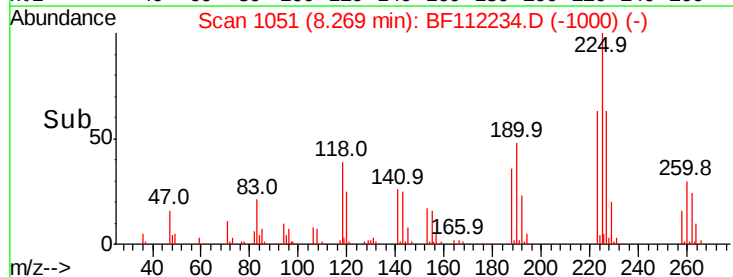
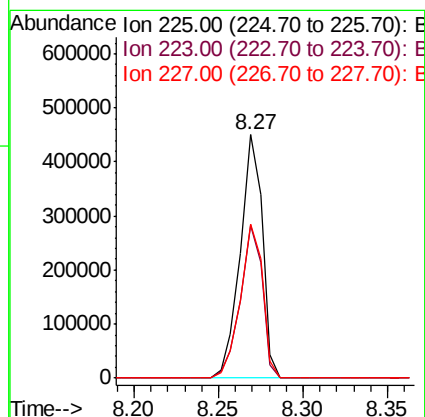
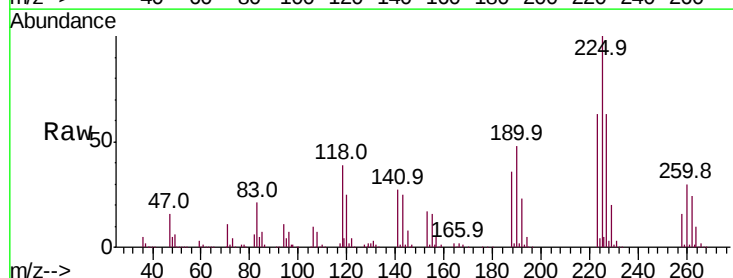
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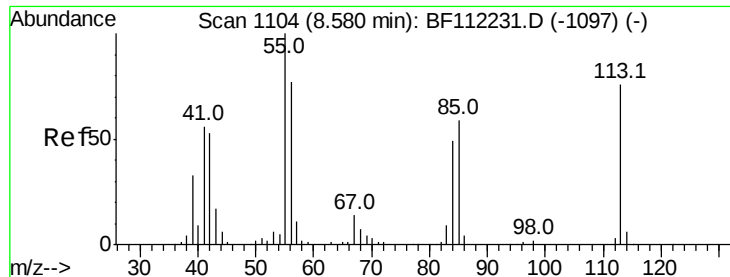
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#34
Hexachlorobutadiene
Concen: 83.164 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	50.3	75.5		
227	63.0	51.8	77.8		





#35

Caprolactam

Concen: 77.426 ng

RT: 8.62 min Scan# 1110

Delta R.T. 0.04 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA_F

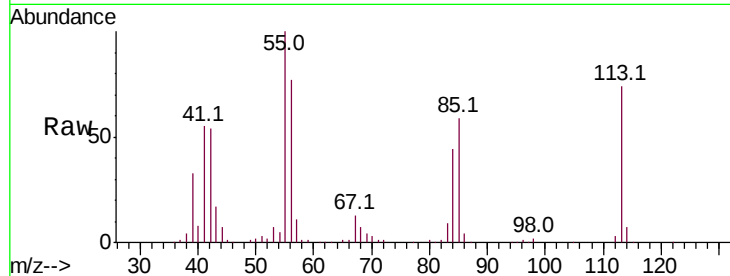
ClientSampleId :

SSTDICC080

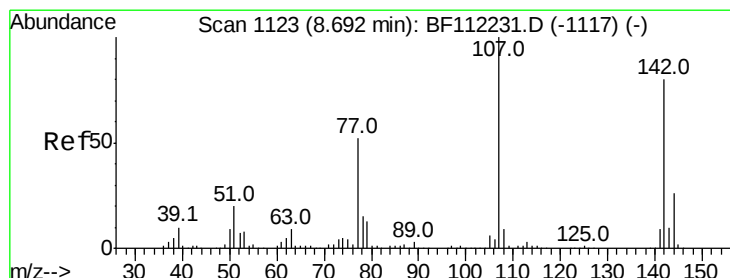
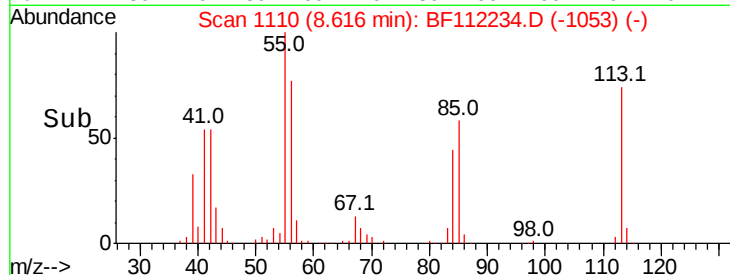
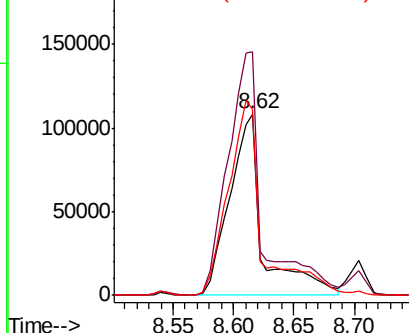
Tot Ion:	113	Resp:	207418
Ion Ratio	Lower	Upper	
113	100		
55	134.4	121.6	161.6
56	103.0	86.7	126.7

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



#36

4-Chloro-3-methylphenol

Concen: 85.504 ng

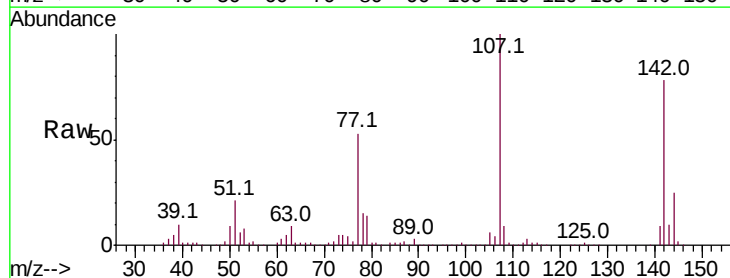
RT: 8.70 min Scan# 1125

Delta R.T. 0.01 min

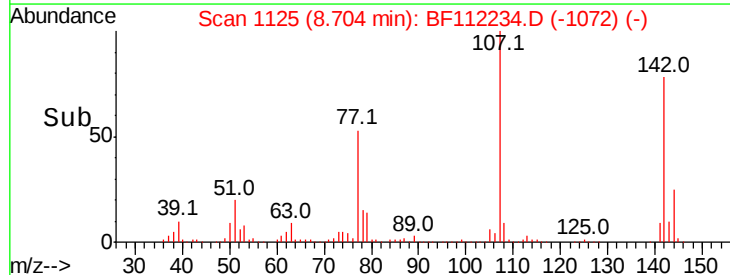
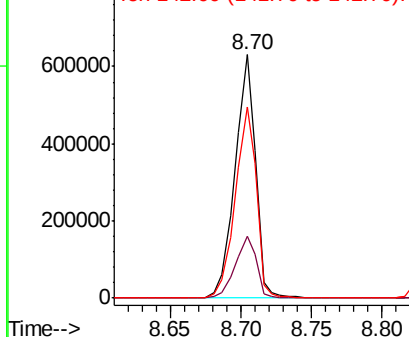
Lab File: BF112234.D

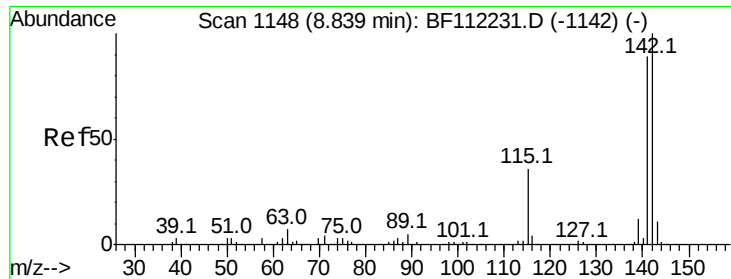
Acq: 25 Jan 2019 15:39

Tgt Ion:	107	Resp:	639210
Ion Ratio	Lower	Upper	
107	100		
144	25.4	22.2	33.2
142	78.4	67.7	101.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





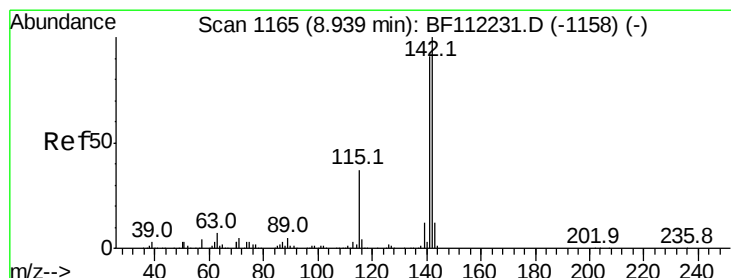
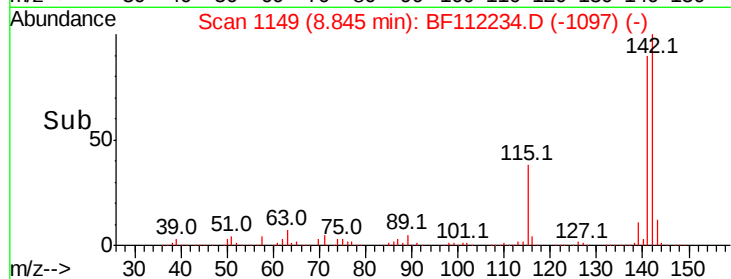
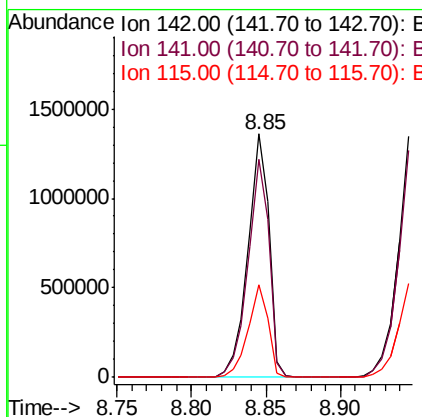
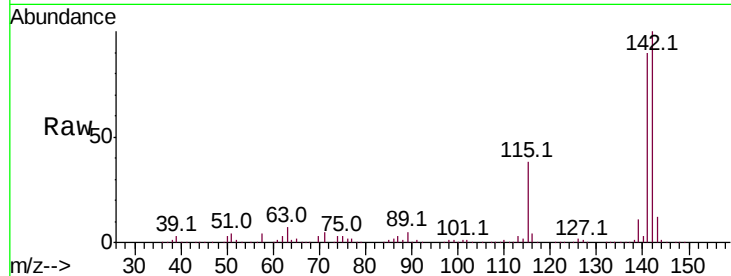
#37
2-Methylnaphthalene
Concen: 79.341 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.9	106.3
115	37.9	24.9	37.3

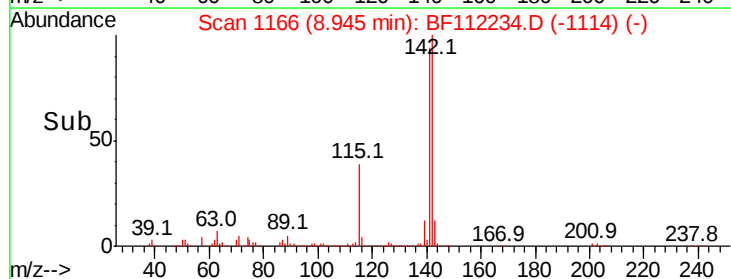
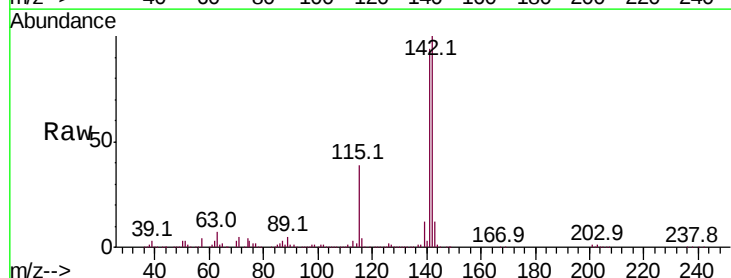
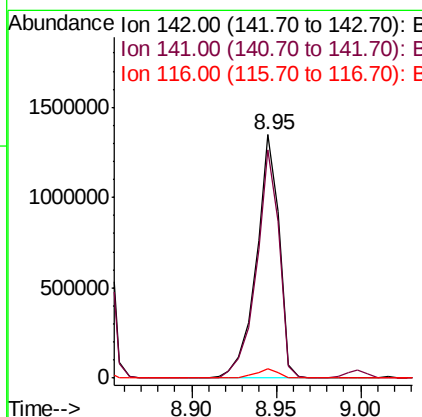
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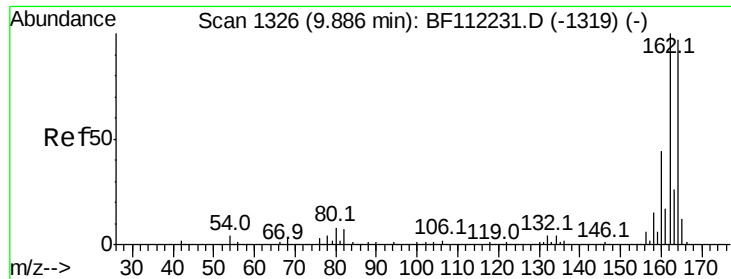
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#38
1-Methylnaphthalene
Concen: 78.543 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	72.6	108.8
116	4.0	2.8	4.2





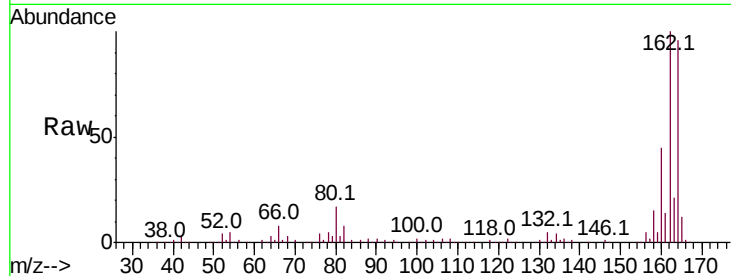
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
164	100	260803		
162	104.4	82.2	123.4	
160	46.6	36.2	54.4	

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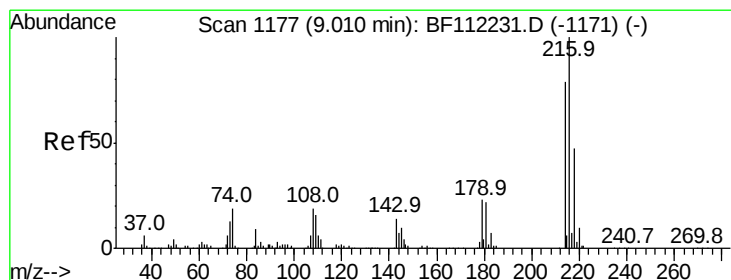
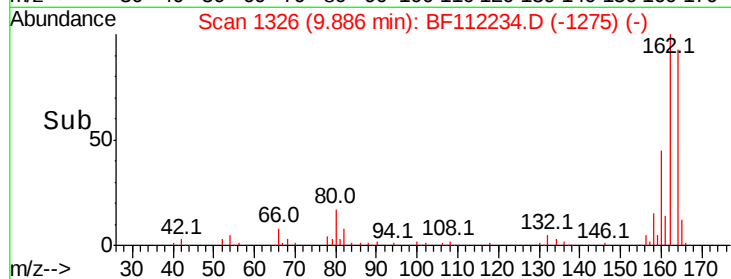
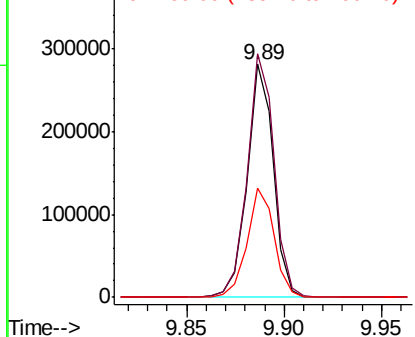


Abundance

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: 78.691 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	659017		
214	79.3	63.8	95.6	
179	23.0	16.9	25.3	
108	20.0	14.2	21.4	

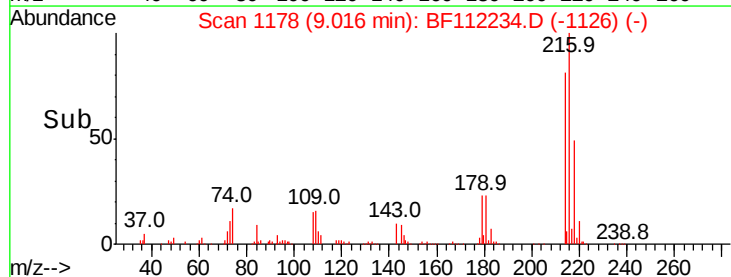
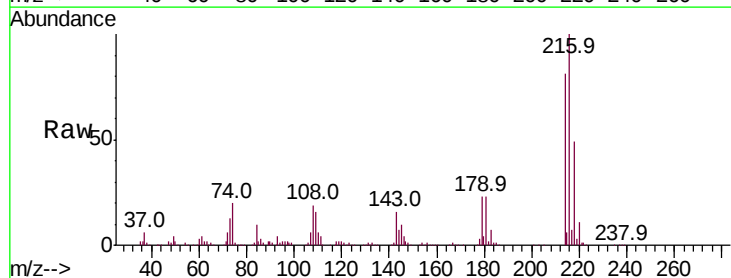
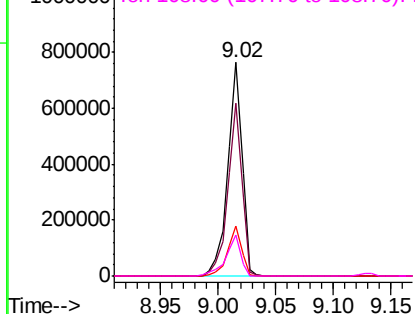
Abundance

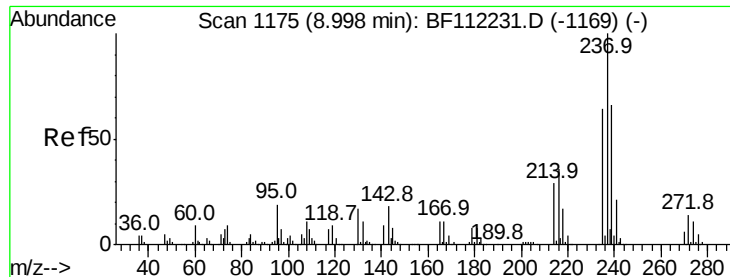
Ion 216.00 (215.70 to 216.70): E

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: 97.889 ng/mL

RT: 9.00 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA_F

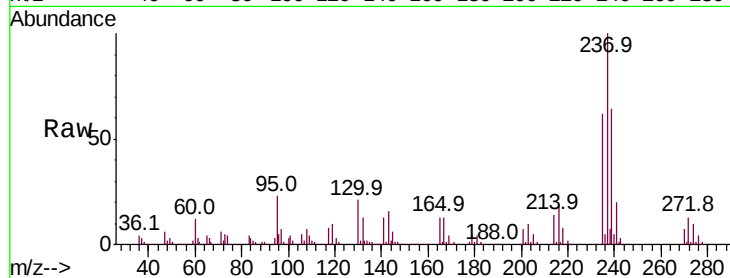
ClientSampleId :

SSTDIC080

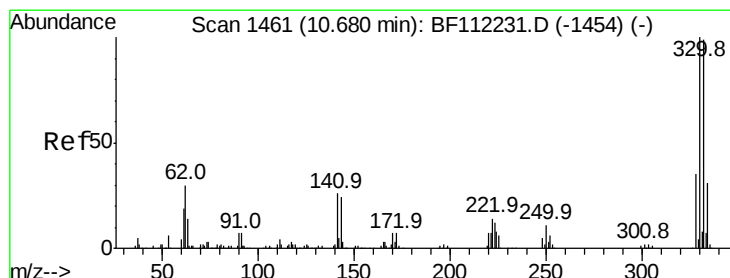
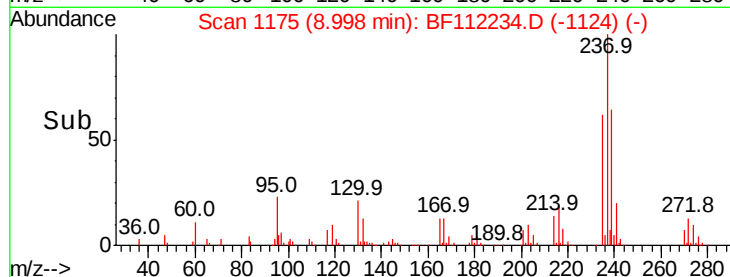
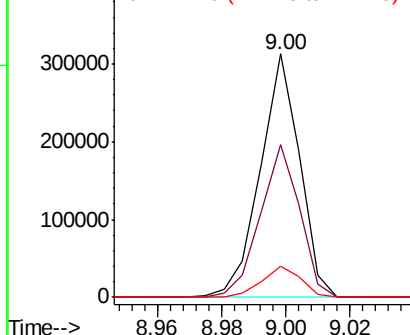
Tot Ion:	237	Resp:	268647
Ion Ratio	Lower	Upper	
237	100		
235	62.5	44.0	84.0
272	12.6	0.0	33.3

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



#42

2,4,6-Tribromophenol

Concen: 177.319 ng

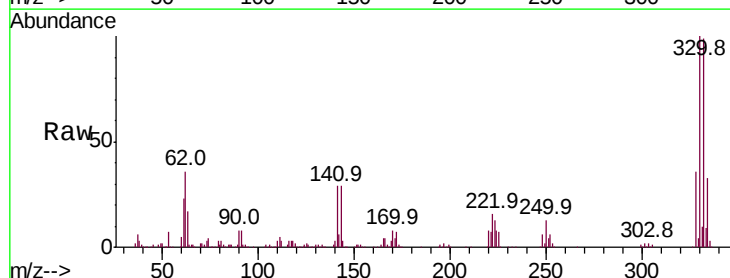
RT: 10.69 min Scan# 1462

Delta R.T. 0.01 min

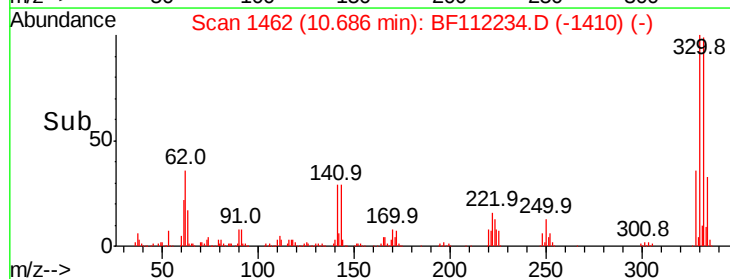
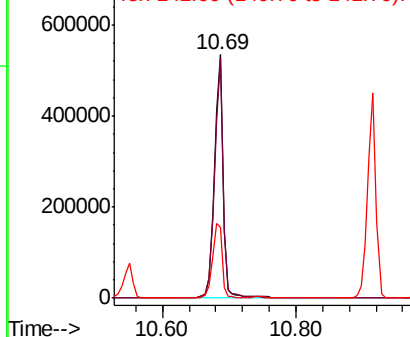
Lab File: BF112234.D

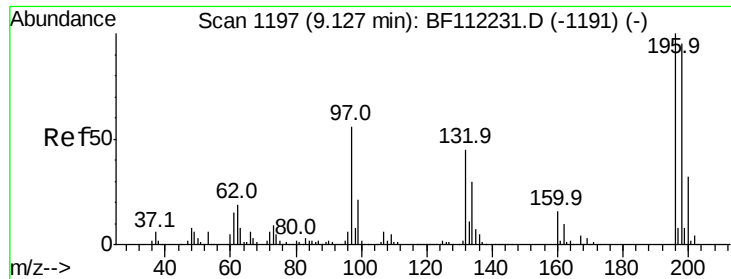
Acq: 25 Jan 2019 15:39

Tgt Ion:	330	Resp:	498886
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.6	114.8
141	33.8	24.3	36.5



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





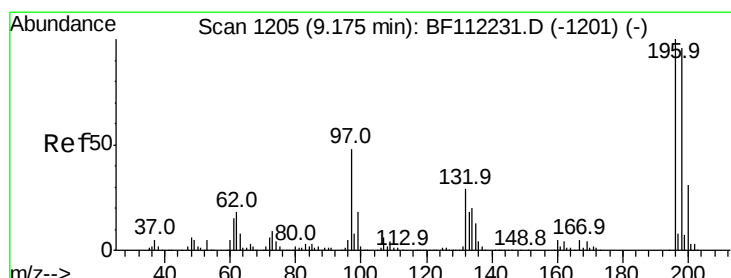
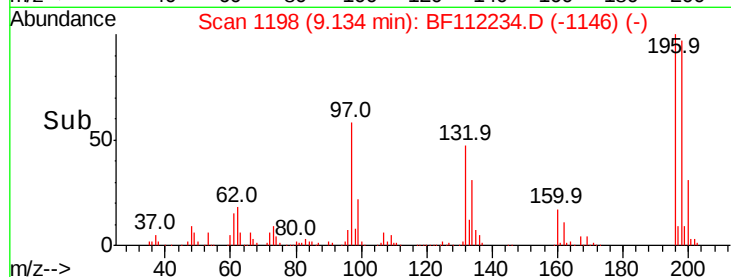
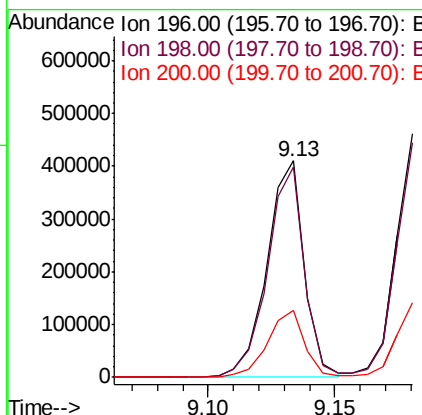
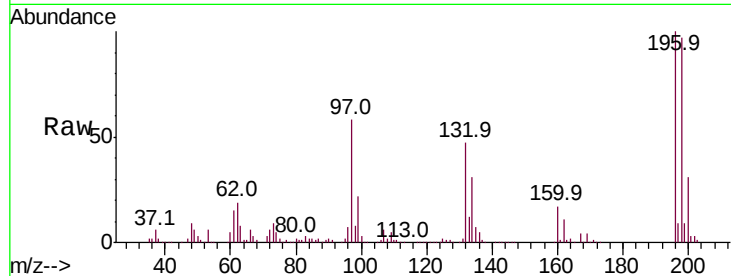
#43
 2,4,6-Trichlorophenol
 Concen: 84.379 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF112234.D
 Acq: 25 Jan 2019 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
196	100	422734		
198	97.2	76.2	114.4	
200	30.9	24.3	36.5	

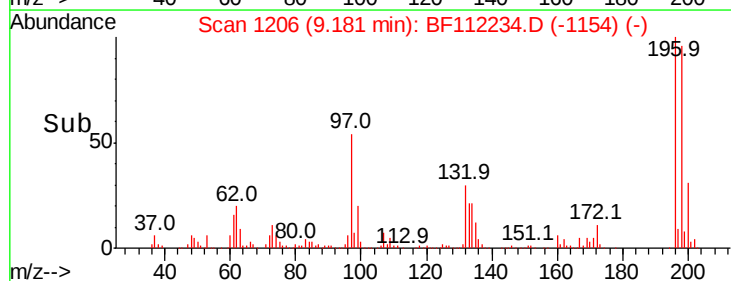
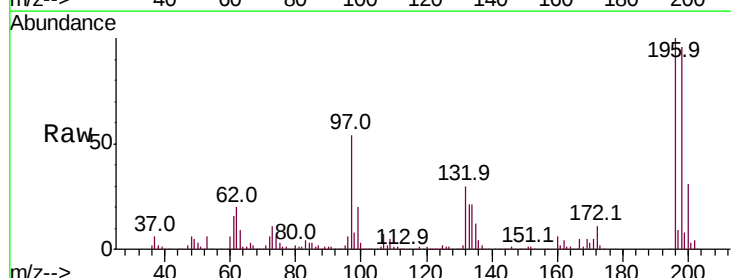
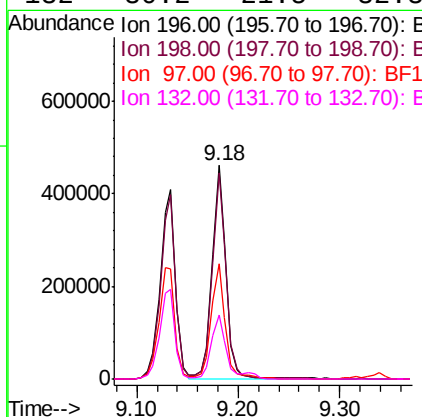
Manual Integrations
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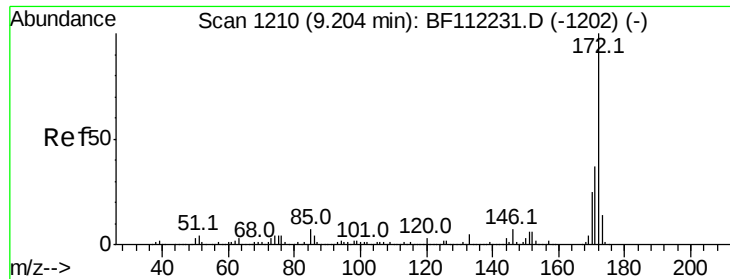
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 82.274 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF112234.D
 Acq: 25 Jan 2019 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	439006		
198	96.3	76.0	114.0	
97	53.7	36.4	54.6	
132	30.2	21.5	32.3	





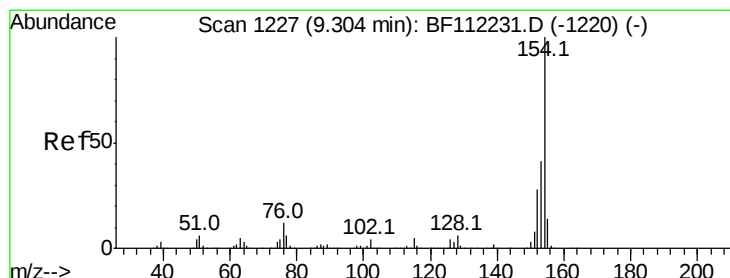
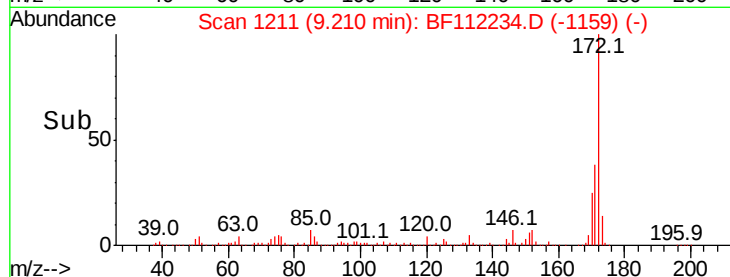
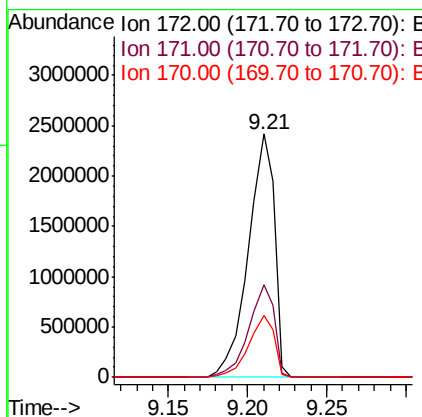
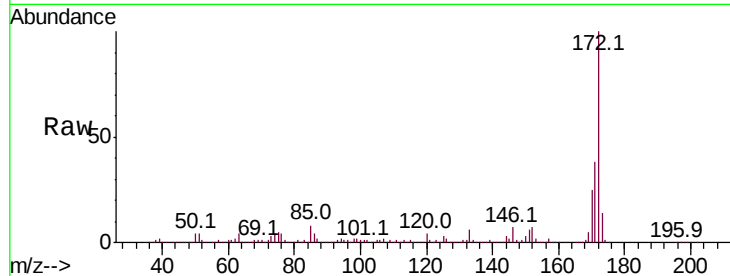
#45
2-Fluorobiphenyl
Concen: 156.056 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:172 Resp: 2776036
Ion Ratio Lower Upper
172 100
171 38.0 30.5 45.7
170 25.3 20.2 30.4

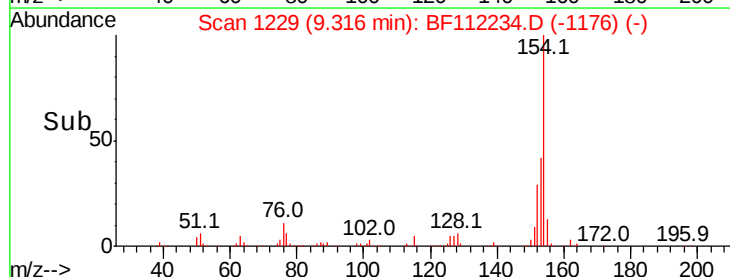
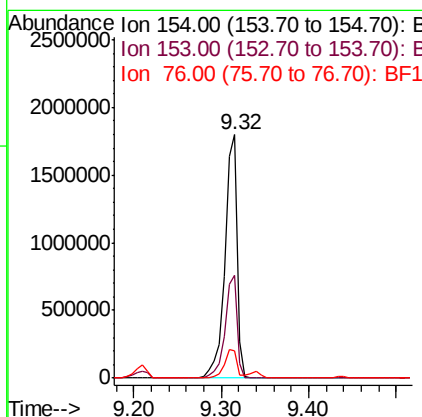
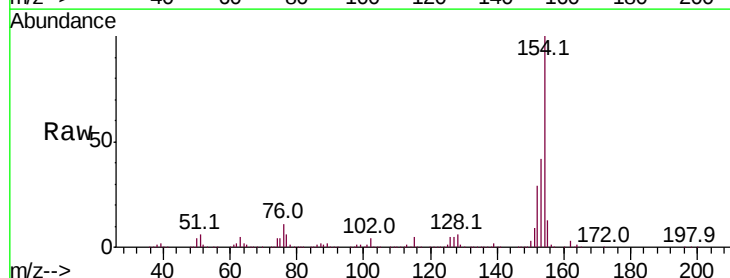
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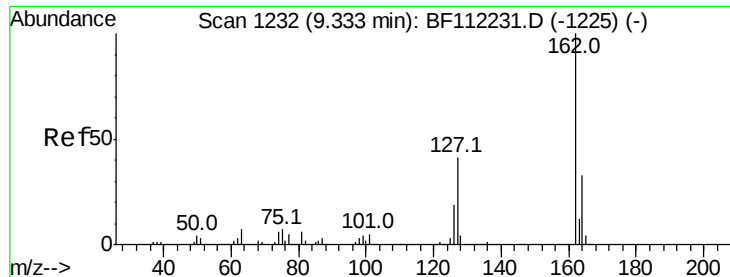
mohammad
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#46
1,1'-Biphenyl
Concen: 79.835 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Tgt Ion:154 Resp: 1741005
Ion Ratio Lower Upper
154 100
153 42.4 21.5 61.5
76 11.2 0.0 33.1





#47

2-Chloronaphthalene

Concen: 79.732 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:162 Resp: 1361037

Ion Ratio Lower Upper

162 100

127 44.6 30.4 45.6

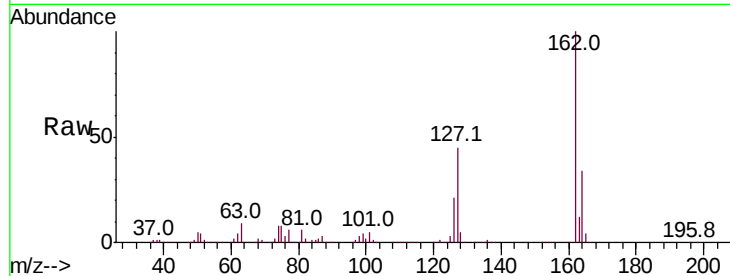
164 33.9 27.4 41.2

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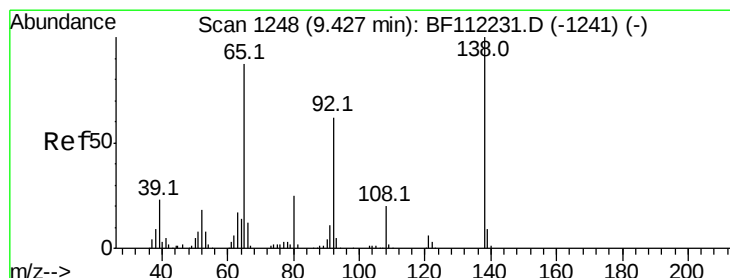
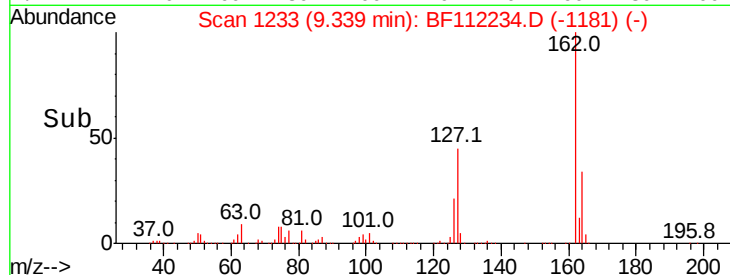
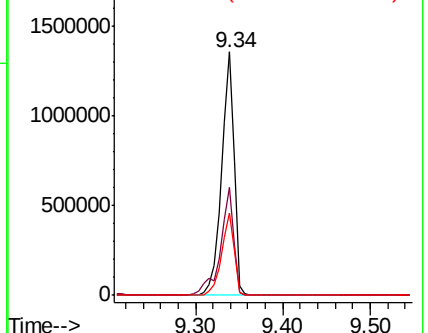
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 102.222 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

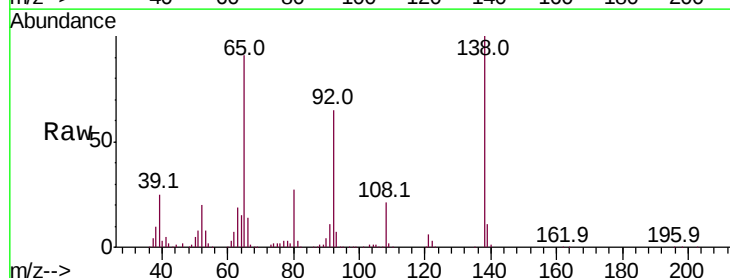
Tgt Ion: 65 Resp: 393039

Ion Ratio Lower Upper

65 100

92 71.0 60.4 90.6

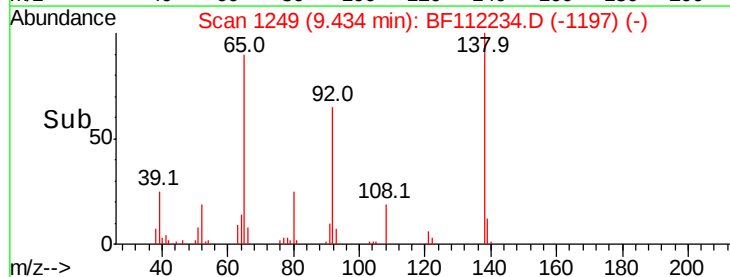
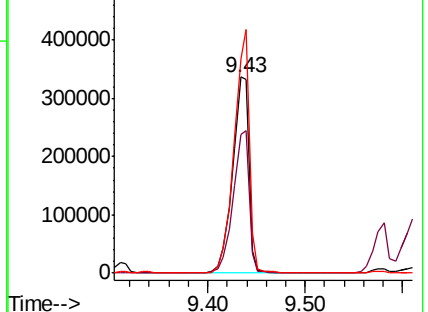
138 109.6 104.4 156.6

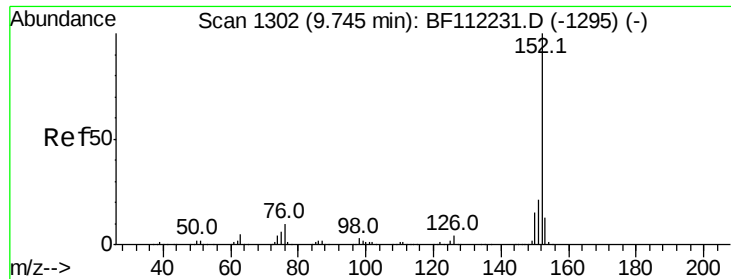


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 78.731 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:152 Resp: 1961218

Ion Ratio Lower Upper

152 100

151 21.2 17.0 25.6

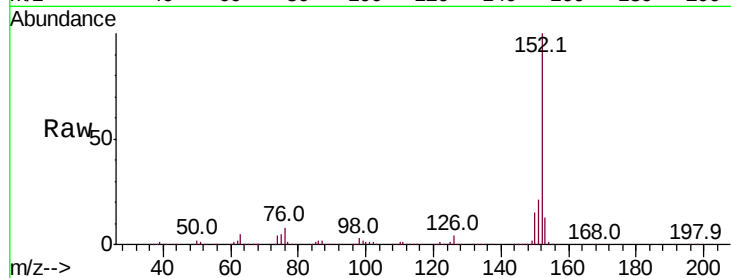
153 13.3 11.2 16.8

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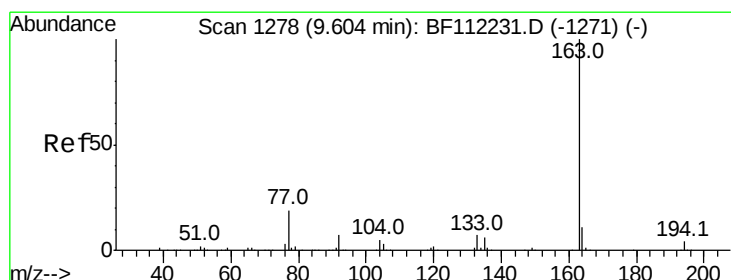
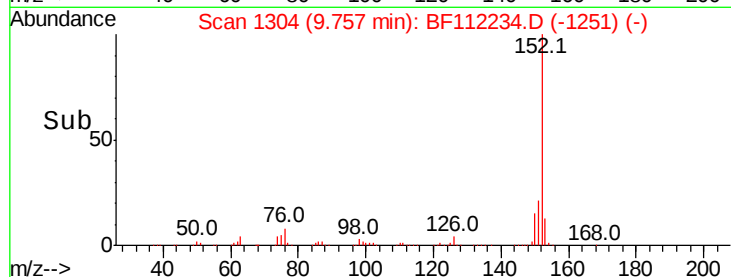
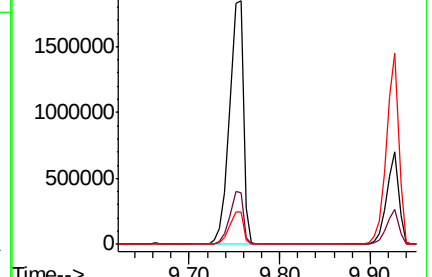
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Abundance Ion 152.00 (151.70 to 152.70): E

2500000 Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 83.390 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

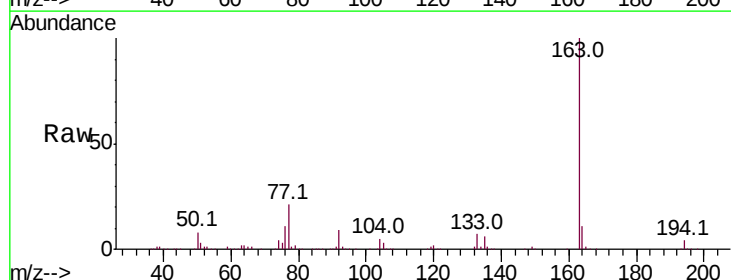
Tgt Ion:163 Resp: 1586057

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

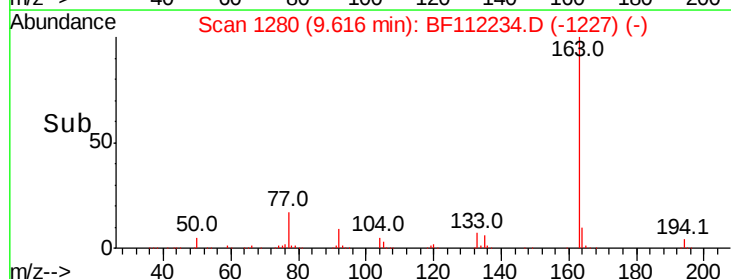
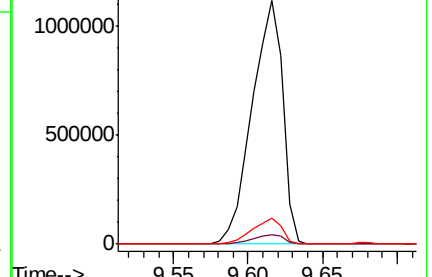
164 10.5 8.5 12.7

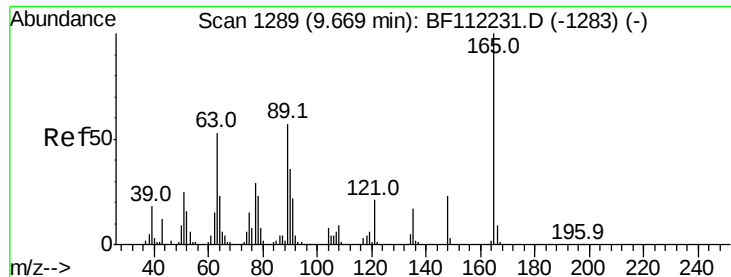


Abundance Ion 163.00 (162.70 to 163.70): E

1500000 Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 92.862 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA_F

ClientSampled :

SSTDIC080

Tot Ion:165 Resp: 352722

Ion Ratio Lower Upper

165 100

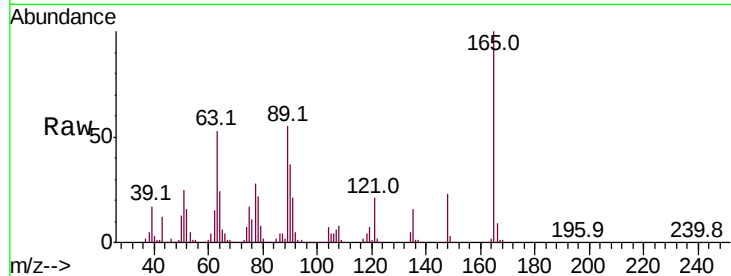
63 53.2 33.8 50.8#

89 54.8 36.9 55.3

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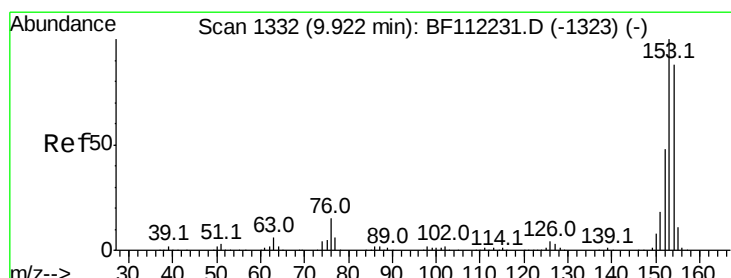
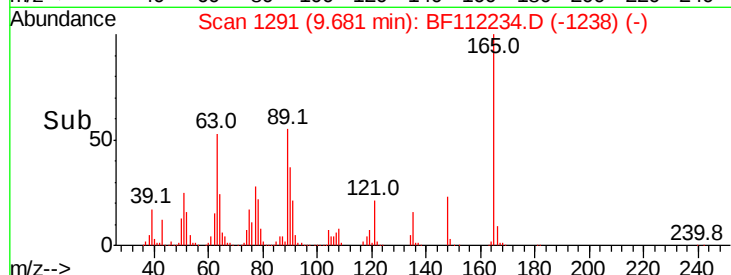
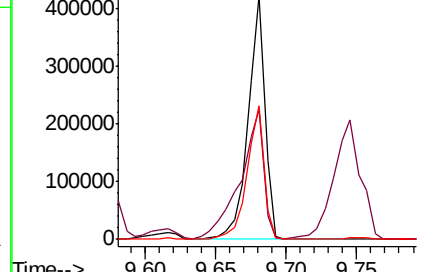
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 78.134 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

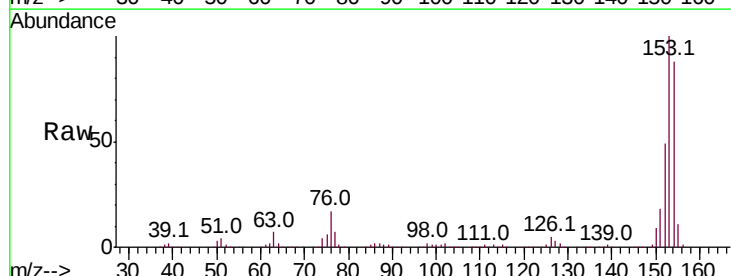
Tgt Ion:154 Resp: 1190859

Ion Ratio Lower Upper

154 100

153 113.4 89.8 134.6

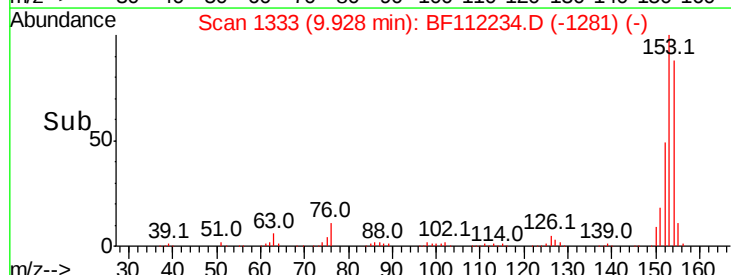
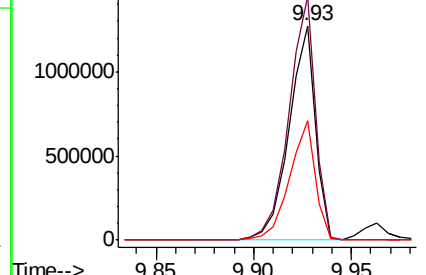
152 55.4 43.5 65.3

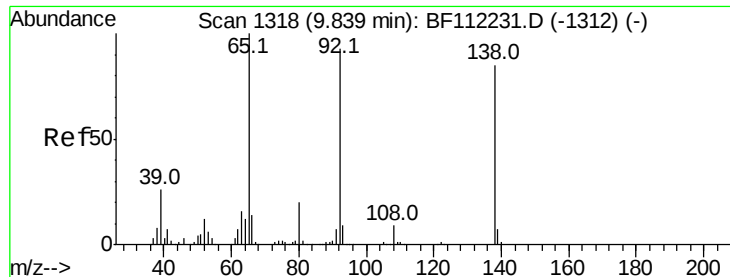


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





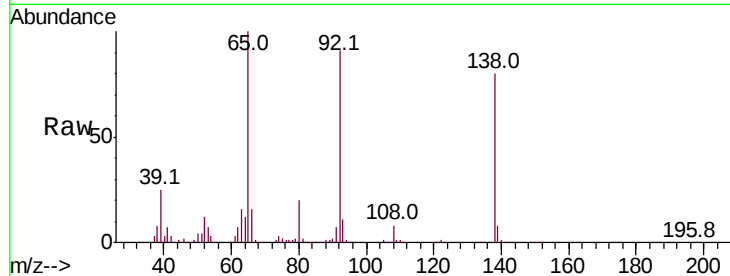
#53
3-Nitroaniline
Concen: 91.115 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.8	14.6
92	113.1	79.4	119.2

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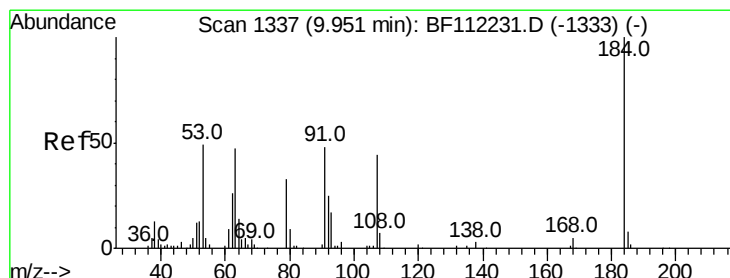
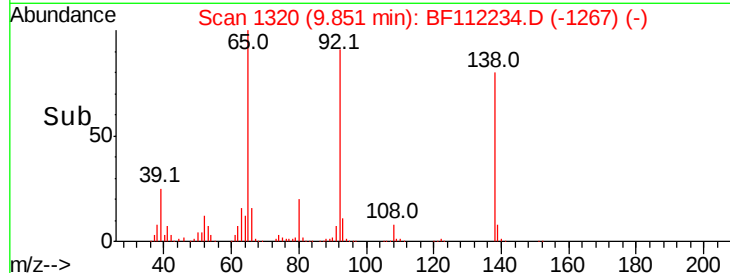
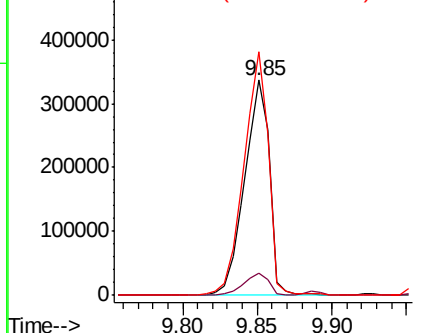


Abundance

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: 172.558 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

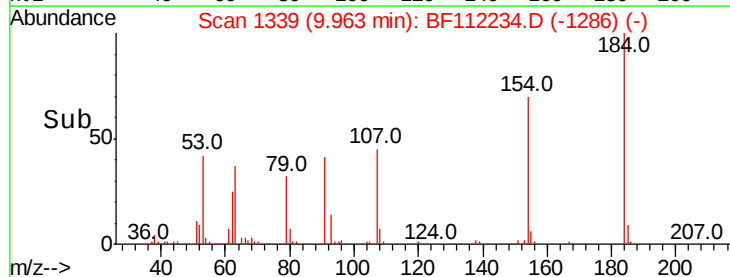
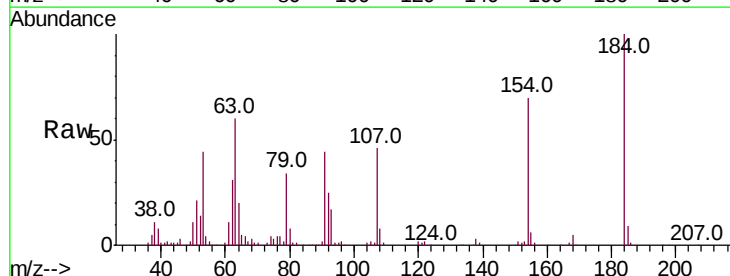
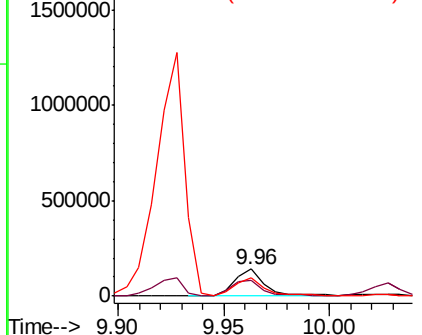
Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.0	47.1	70.7
154	69.8	48.9	73.3

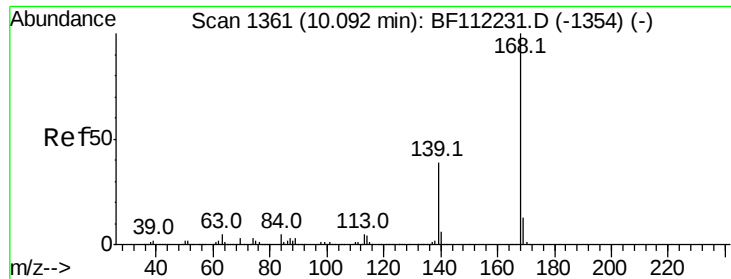
Abundance

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





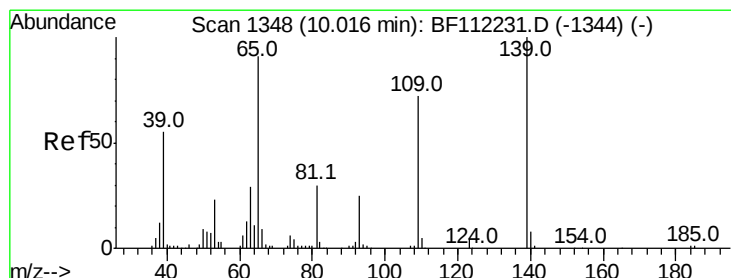
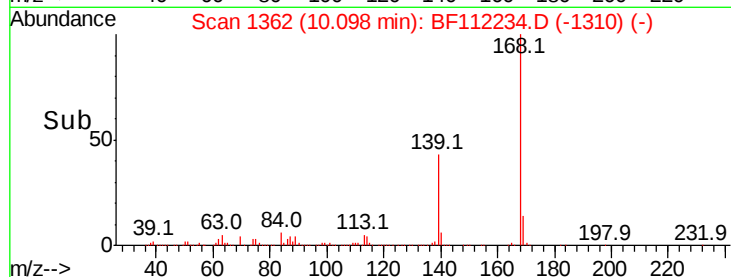
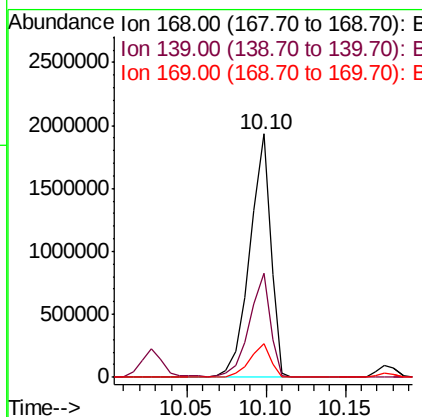
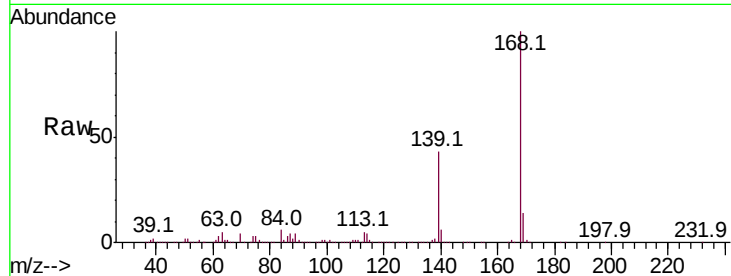
#55
Dibenzofuran
Concen: 77.339 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.7	29.2	43.8
169	13.6	11.4	17.0

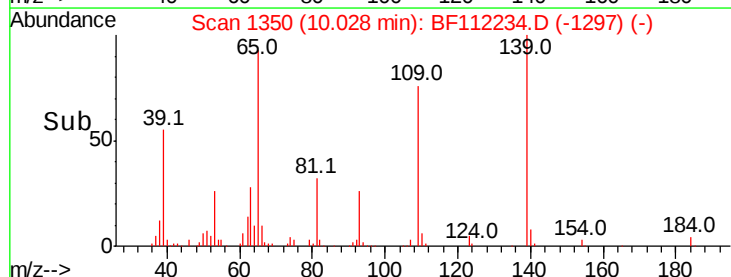
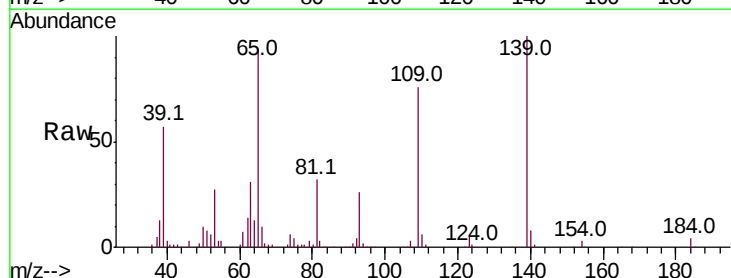
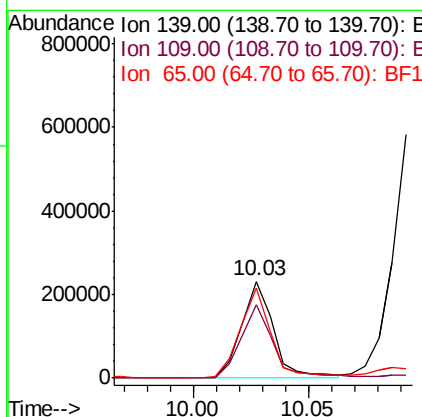
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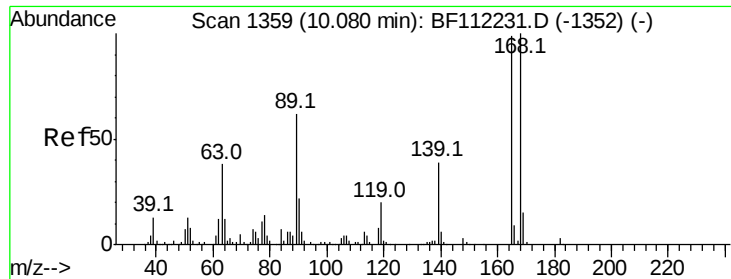
mohammad
1/29/2019 12:31:20 AM



#56
4-Nitrophenol
Concen: 85.398 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.9	42.8	82.8
65	93.5	66.1	106.1





#57

2,4-Dinitrotoluene

Concen: 101.555 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:165 Resp: 459652
Ion Ratio Lower Upper

165 100

63 52.9 27.9 41.9#

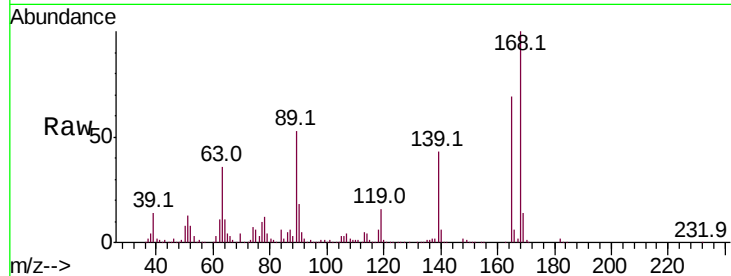
89 77.0 47.9 71.9#

182 2.5 2.2 3.4

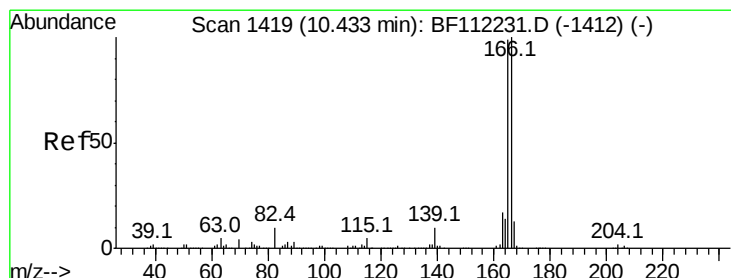
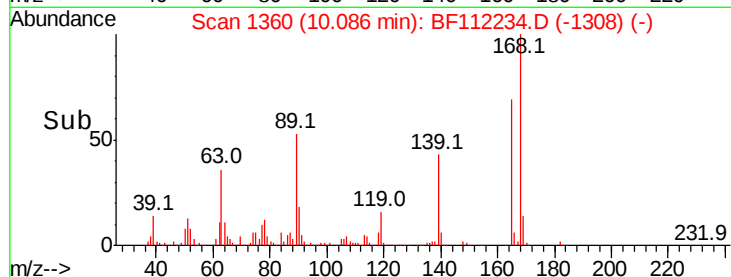
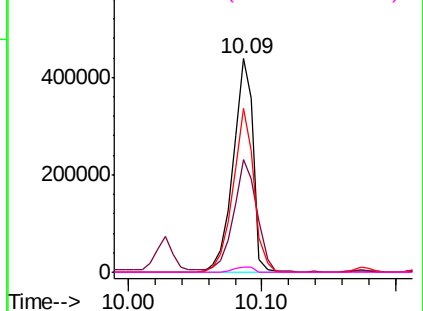
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 79.150 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.01 min

Lab File: BF112234.D

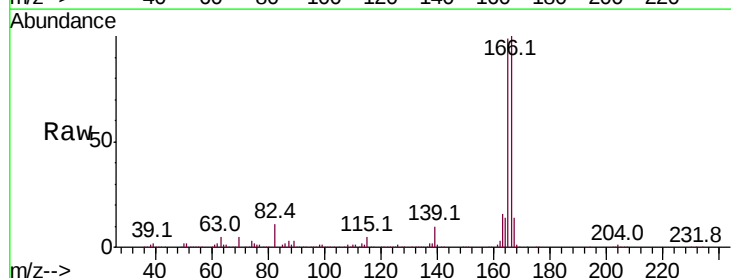
Acq: 25 Jan 2019 15:39

Tgt Ion:166 Resp: 1363036
Ion Ratio Lower Upper

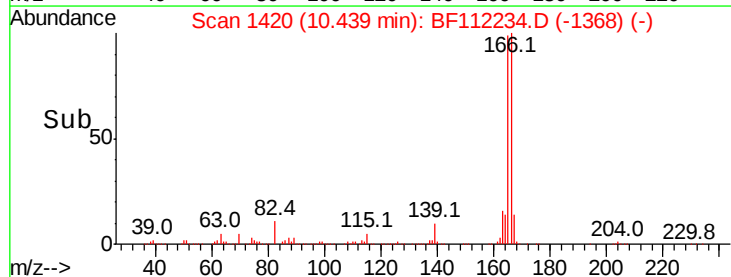
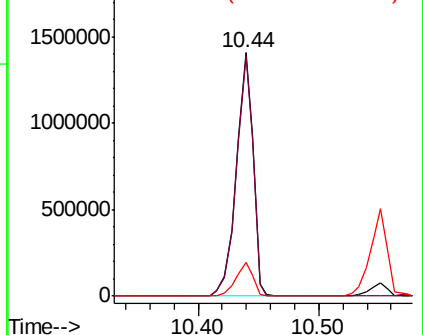
166 100

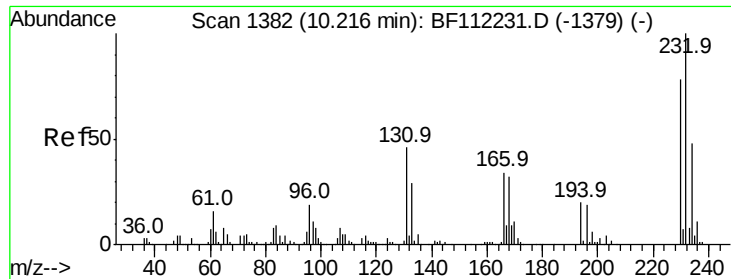
165 98.7 77.1 115.7

167 13.8 11.3 16.9



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





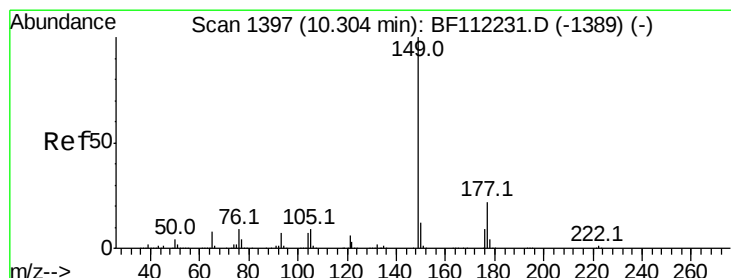
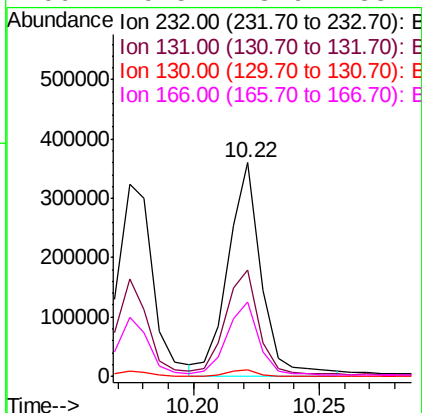
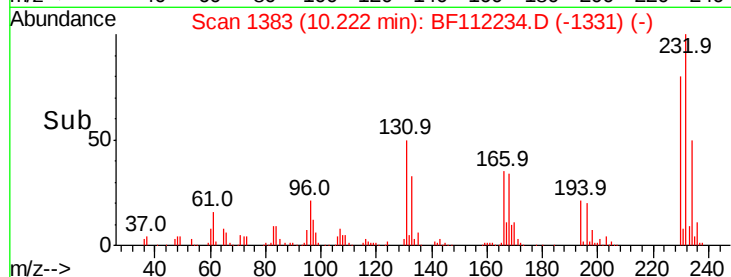
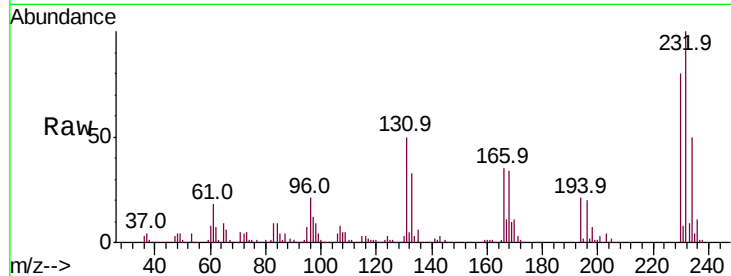
#59
2,3,4,6-Tetrachlorophenol
Concen: 82.982 ng/ml
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
232	100	334126		
131	43.4		33.9	50.9
130	2.4		1.8	2.6
166	26.5		23.6	35.4

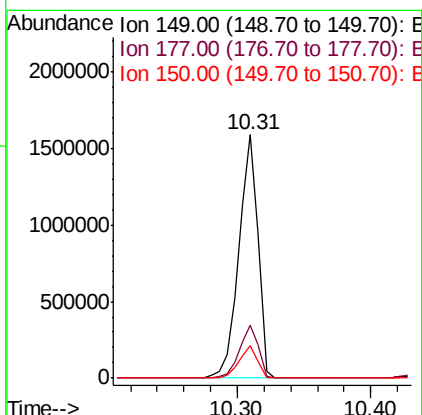
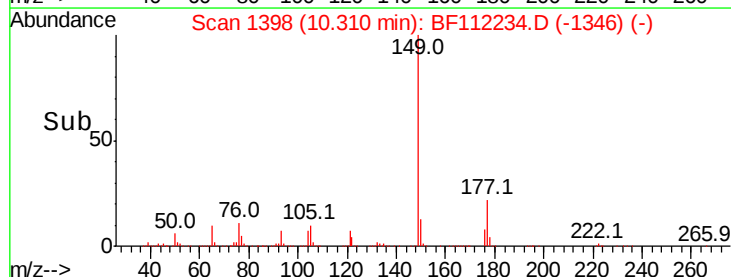
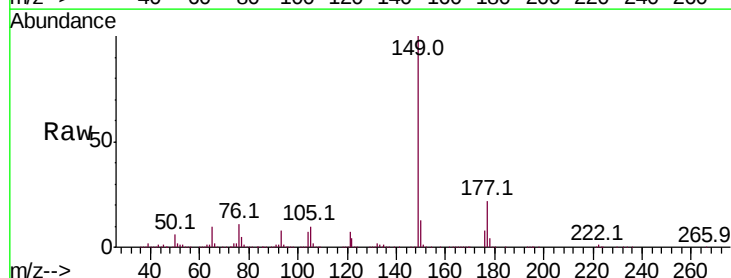
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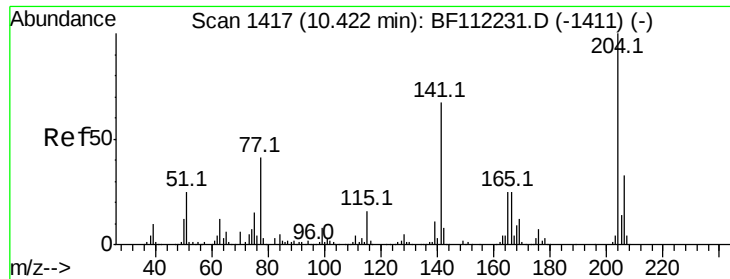
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#60
Diethylphthalate
Concen: 84.902 ng/ml
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1576296		
177	21.9		18.2	27.2
150	13.1		10.4	15.6





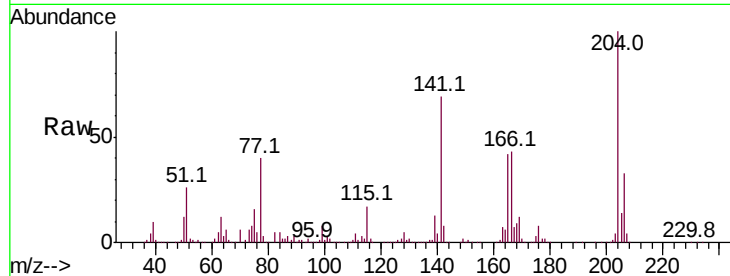
#61
4-Chlorophenyl-phenylether
Concen: 78.797 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	69.3	45.9	68.9

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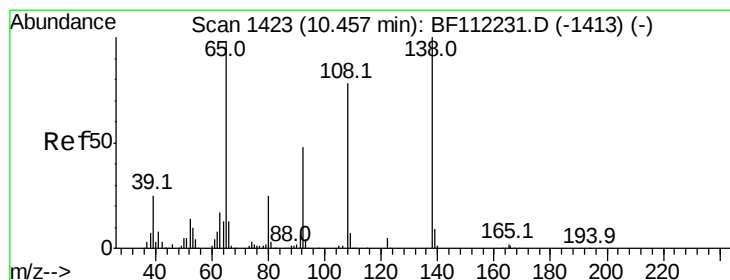
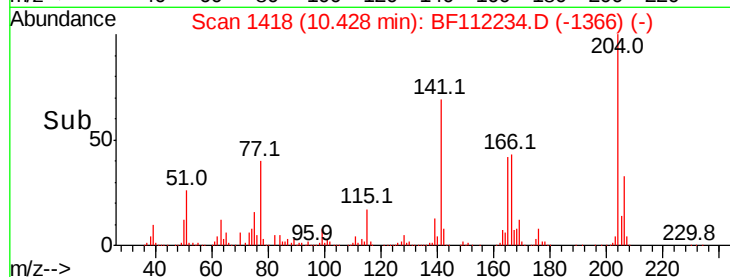
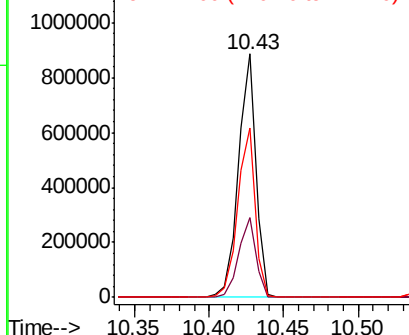


Abundance

Ion 204.00 (203.70 to 204.70): E

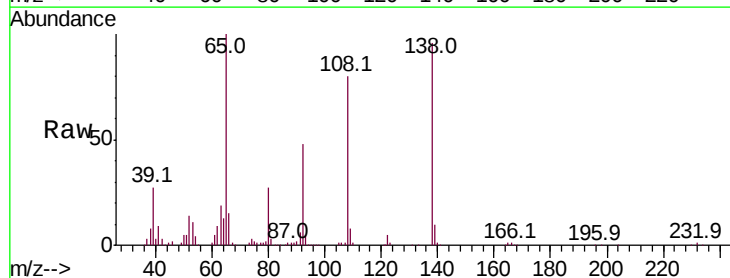
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 90.228 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.02 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.9	30.6	70.6
108	83.3	50.0	90.0

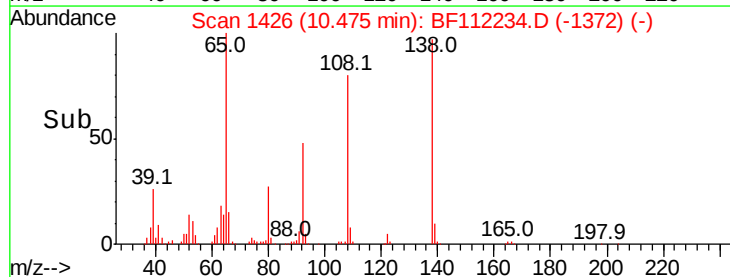
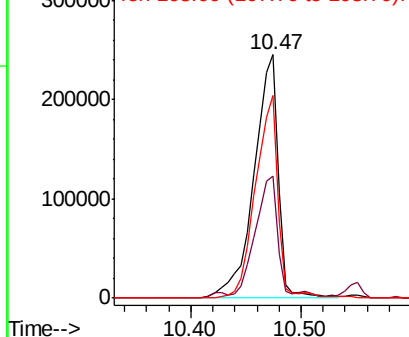


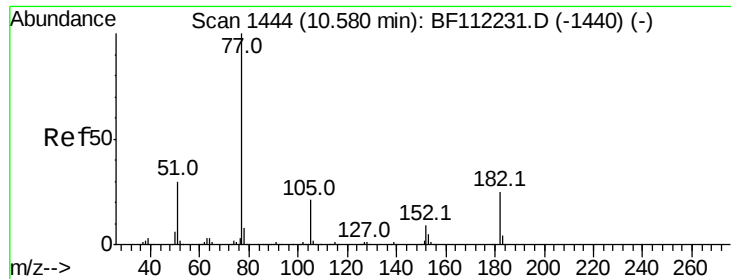
Abundance

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





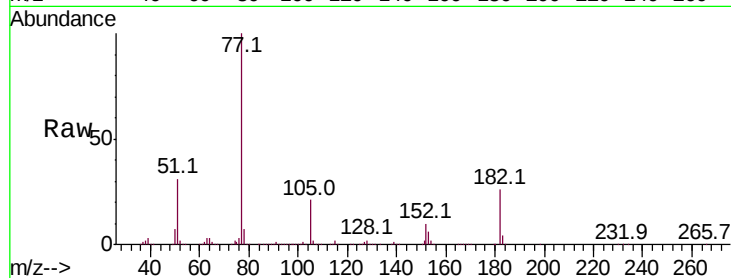
#63
Azobenzene
Concen: 80.939 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

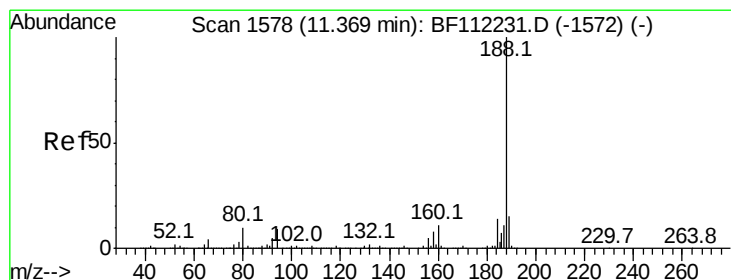
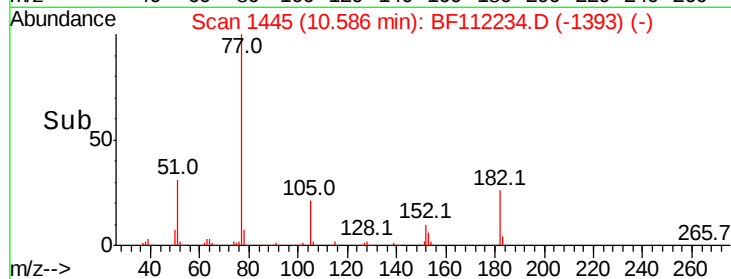
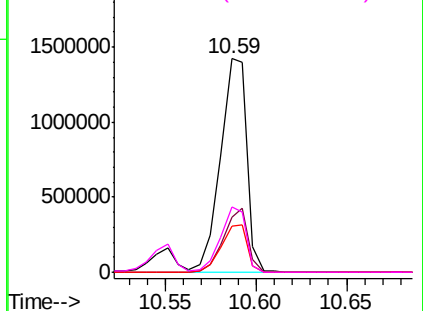
Tot Ion	Ratio	Lower	Upper
77	100		
182	25.6	5.7	45.7
105	21.5	1.4	41.4
51	30.7	9.5	49.5

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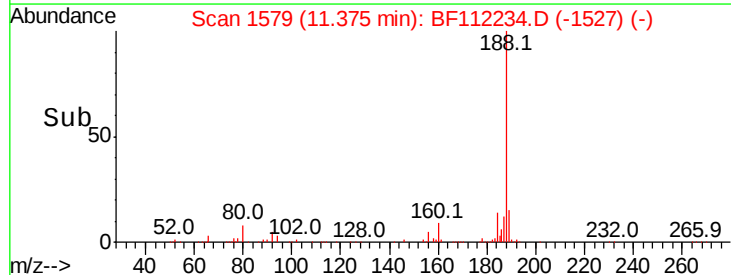
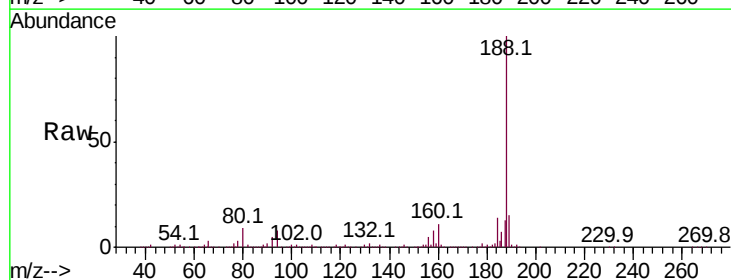
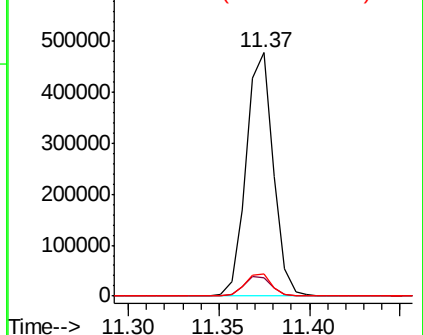
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

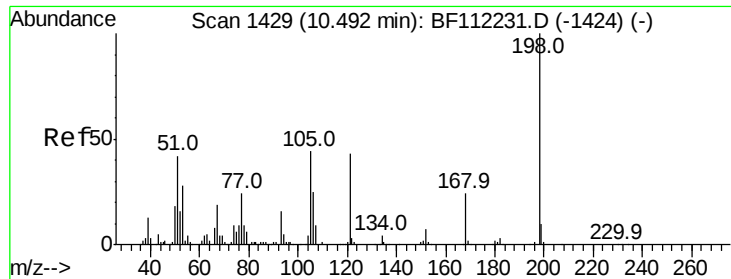


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.2	12.2#
80	9.0	8.9	13.3

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





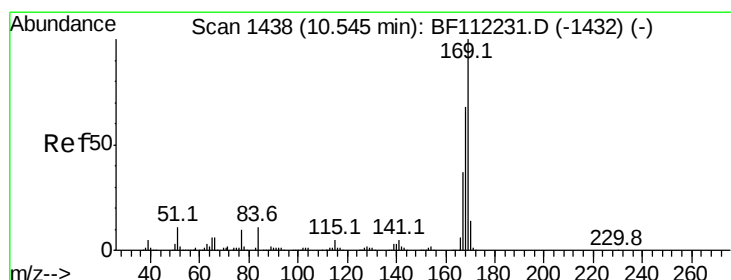
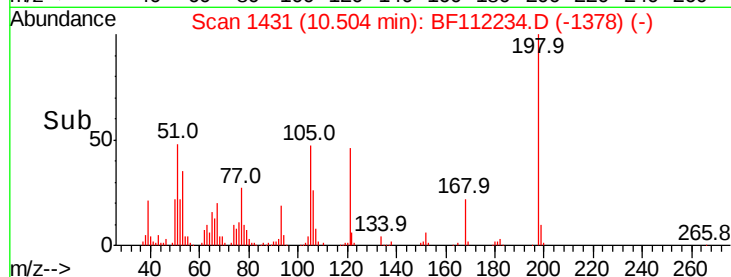
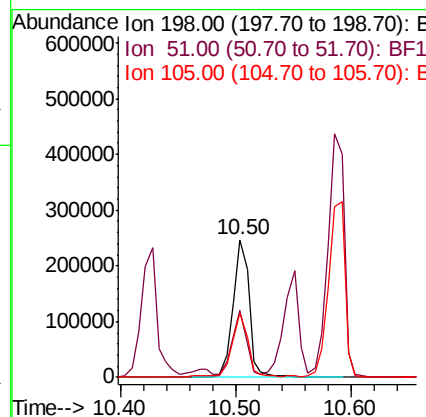
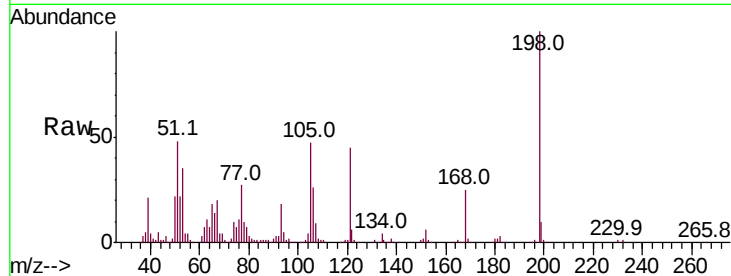
#65
4,6-Dinitro-2-methylphenol
Concen: 137.193 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
198	100		
51	48.2	17.2	57.2
105	46.9	21.9	61.9

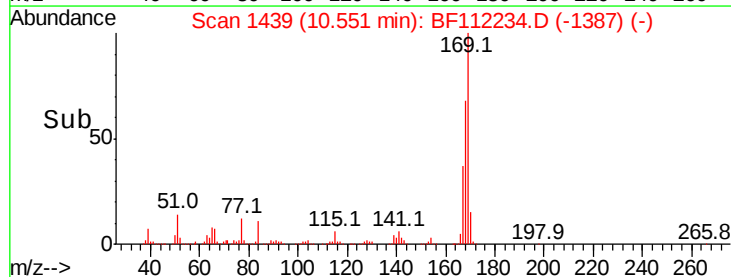
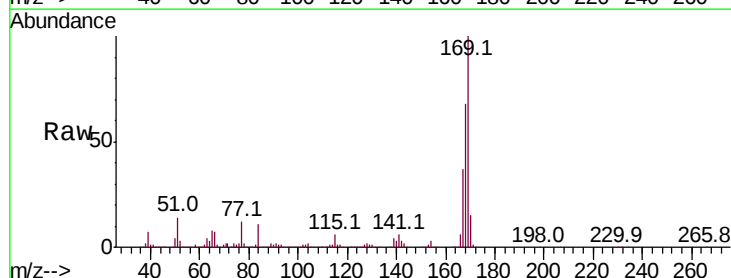
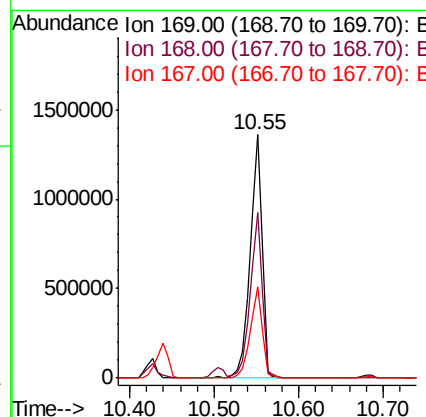
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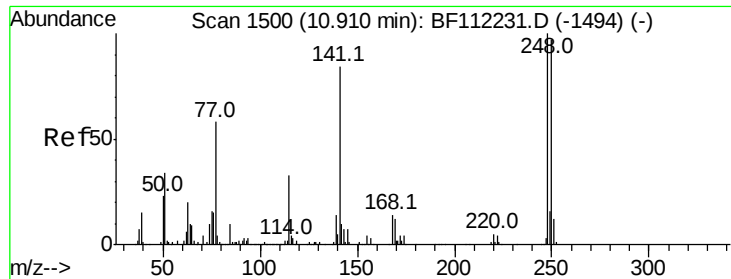
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#66
n-Nitrosodiphenylamine
Concen: 79.655 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.9	80.9
167	37.2	28.9	43.3





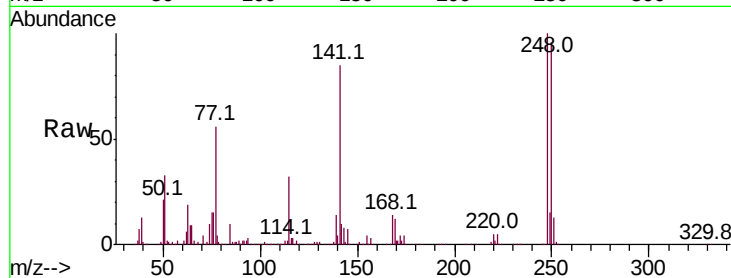
#67
4-Bromophenyl-phenylether
Concen: 80.170 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	79.7	119.5
141	85.2	60.3	90.5

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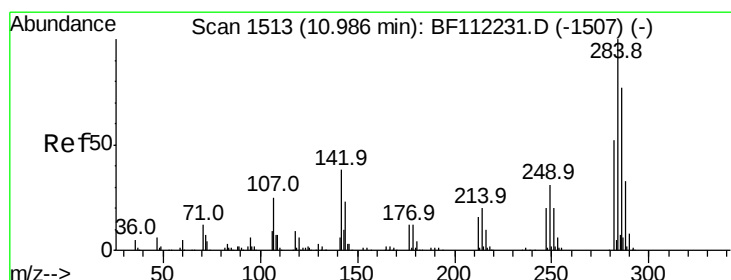
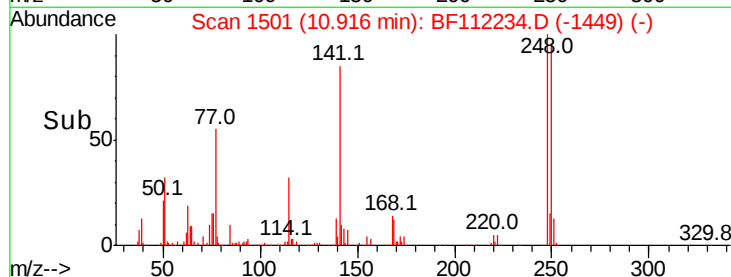
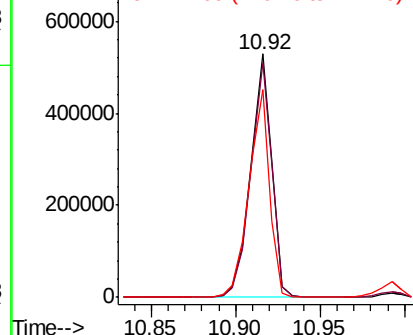


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 79.784 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

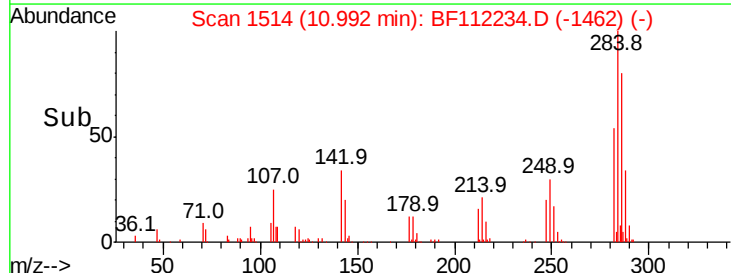
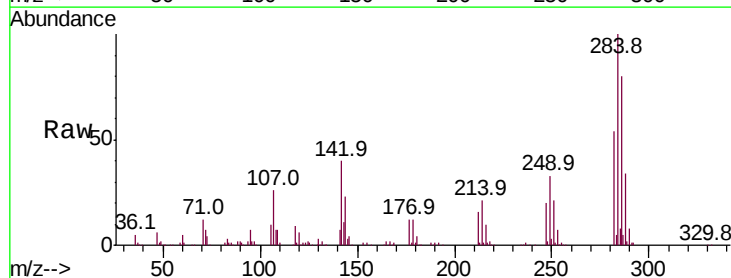
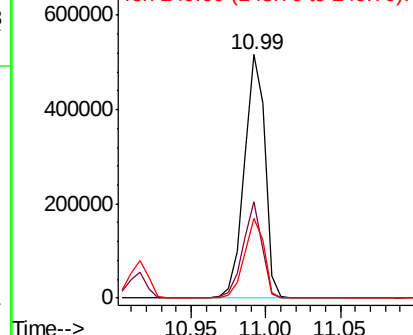
Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.8	27.6	41.4
249	32.6	24.1	36.1

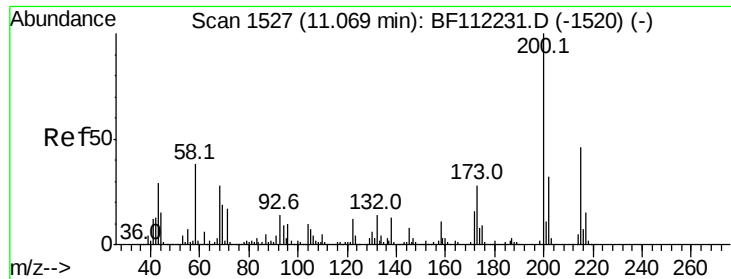
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





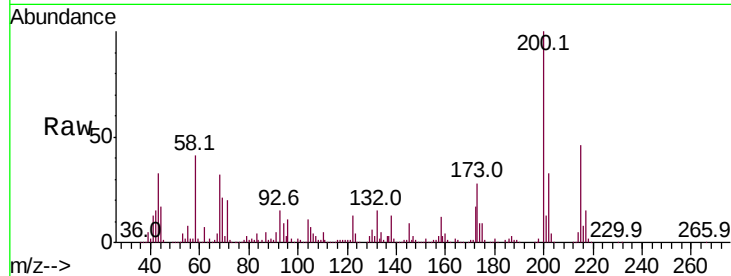
#69
Atrazine
Concen: 67.226 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.3	7.1	47.1	
215	46.1	30.4	70.4	

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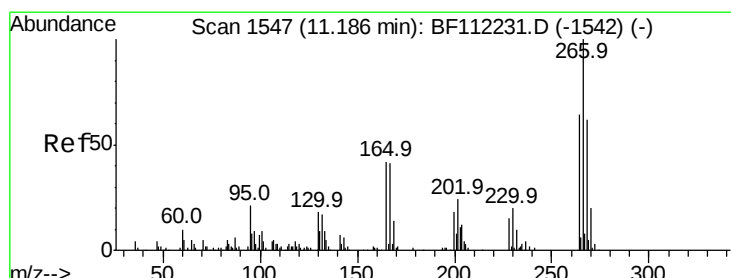
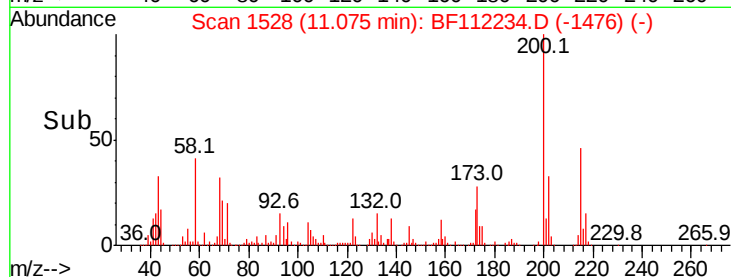
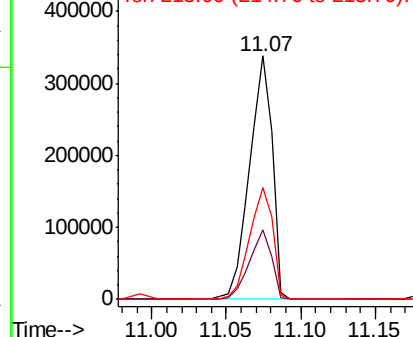


Abundance

Ion 200.00 (199.70 to 200.70): E

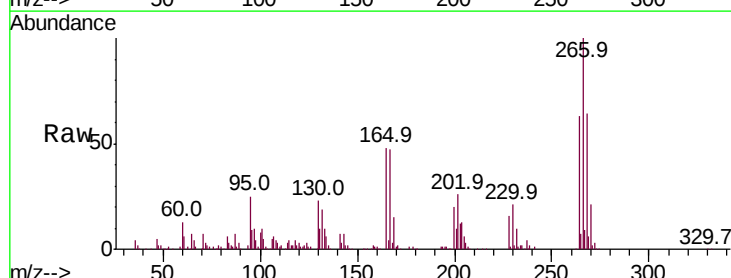
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 89.538 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.7	51.2	76.8	
264	63.3	50.9	76.3	

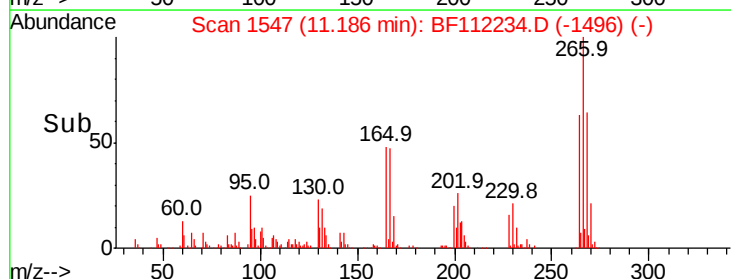
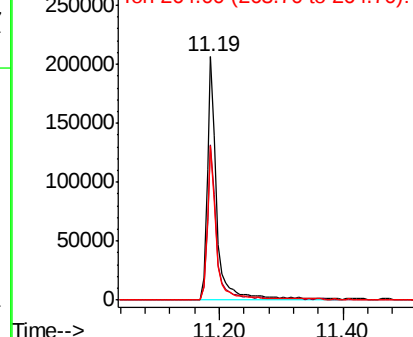


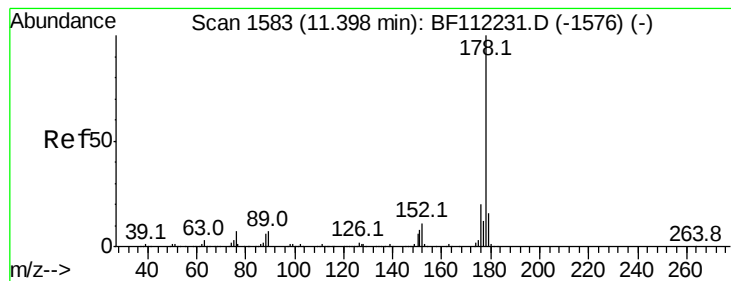
Abundance

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: 78.133 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA_F

ClientSampleID :

SSTDICC080

Tot Ion:178 Resp: 1955413

Ion Ratio Lower Upper

178 100

176 20.2 16.3 24.5

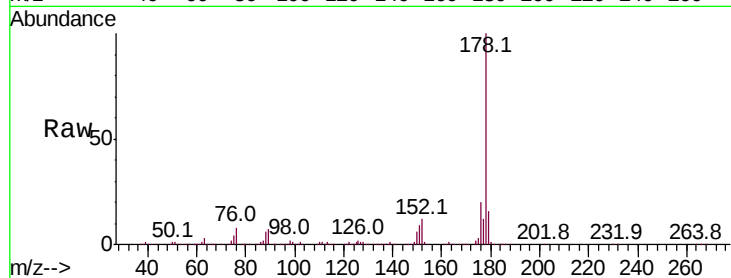
179 15.7 13.0 19.4

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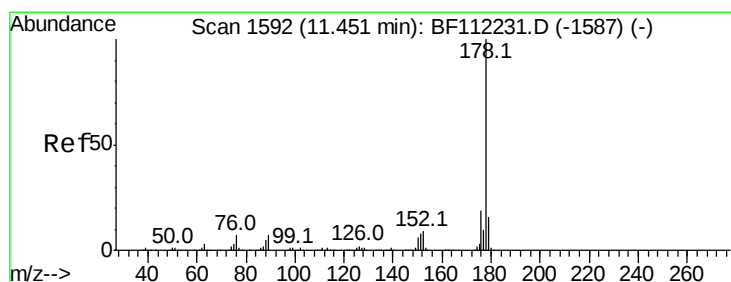
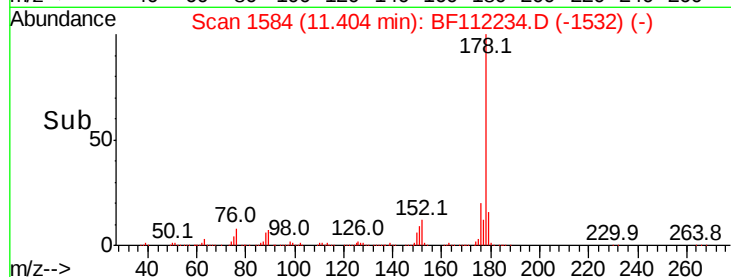
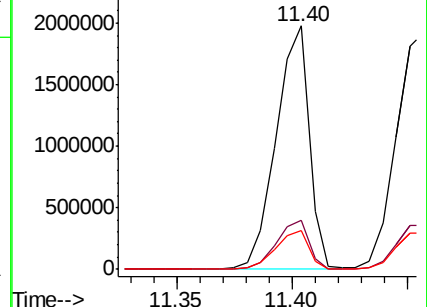
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 77.939 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Tgt Ion:178 Resp: 1975918

Ion Ratio Lower Upper

178 100

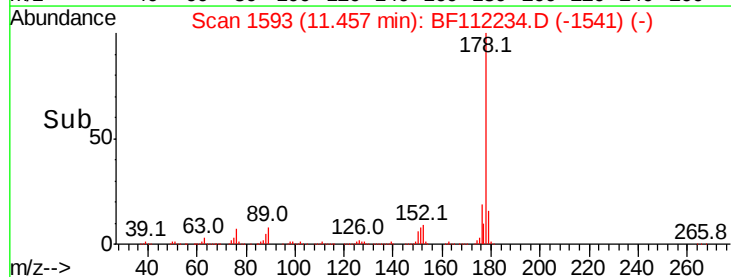
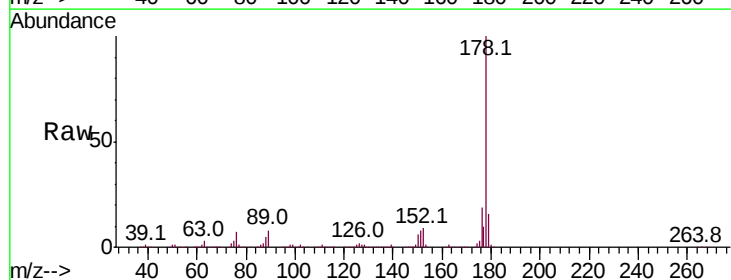
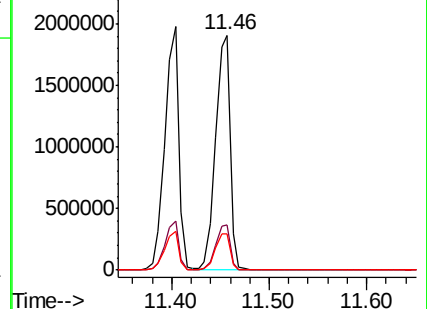
176 19.3 15.5 23.3

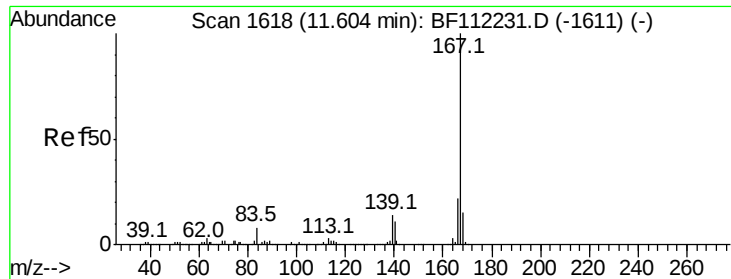
179 15.6 12.8 19.2

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





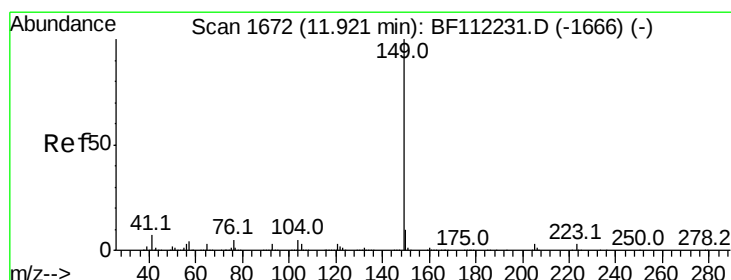
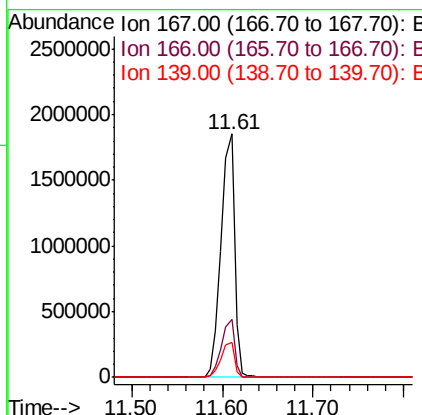
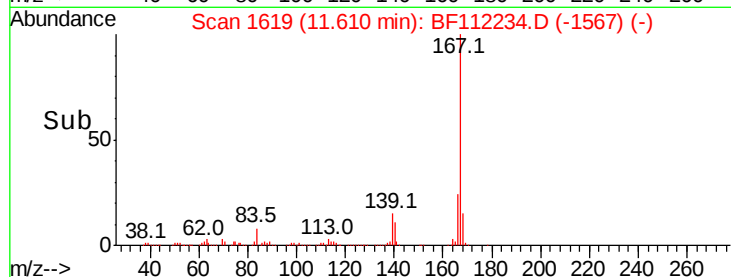
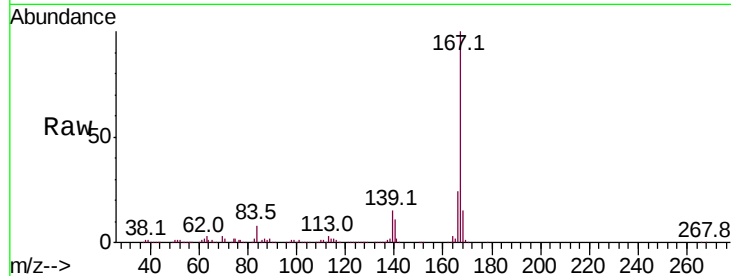
#73
 Carbazole
 Concen: 74.985 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BF112234.D
 Acq: 25 Jan 2019 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	17.9	26.9
139	14.5	10.2	15.2

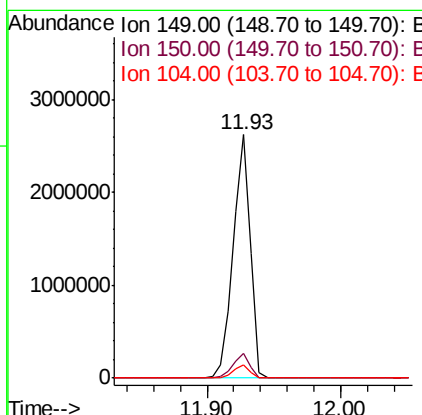
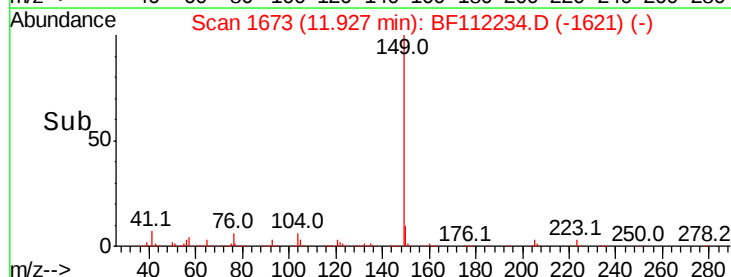
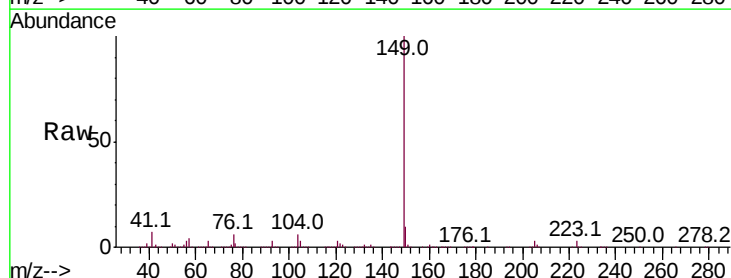
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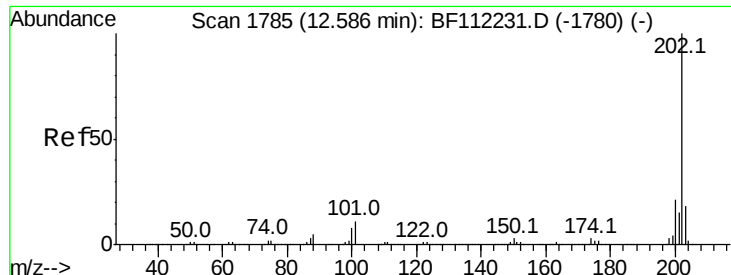
mohammad
 1/29/2019 12:31:20 AM



#74
 Di-n-butylphthalate
 Concen: 83.115 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. 0.01 min
 Lab File: BF112234.D
 Acq: 25 Jan 2019 15:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	5.6	3.9	5.9





#75

Fluoranthene

Concen: 74.589 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA_F

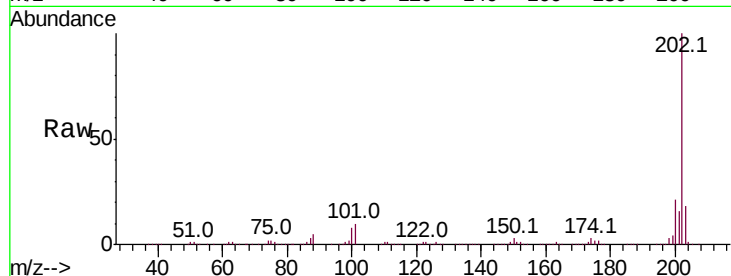
ClientSampleId :

SSTDIC080

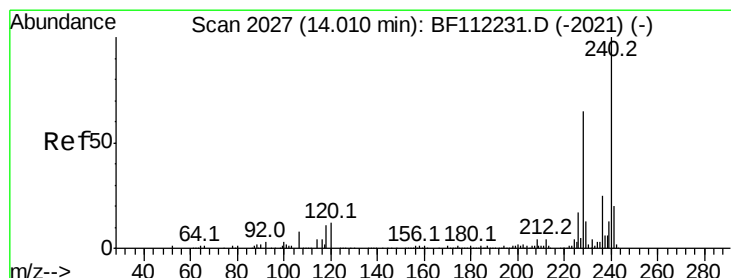
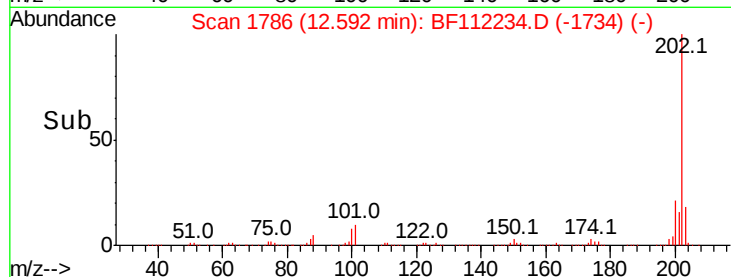
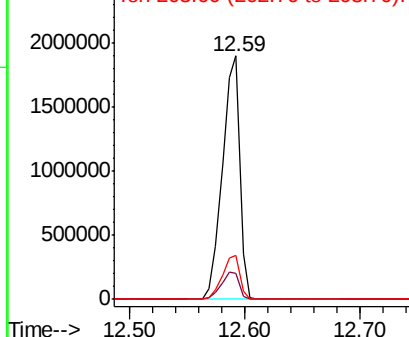
Tot Ion:	202	Resp:	1970944
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	31.8
203	18.1	0.0	38.4

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Abundance Ion 202.00 (201.70 to 202.70): E
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

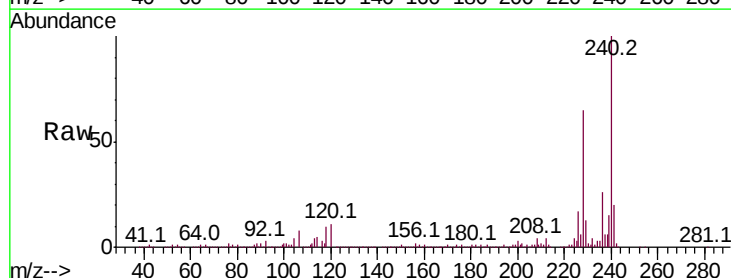
RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

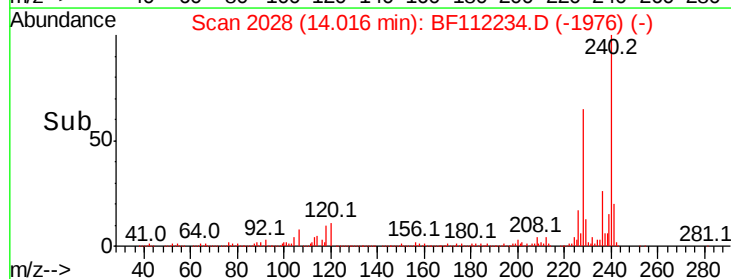
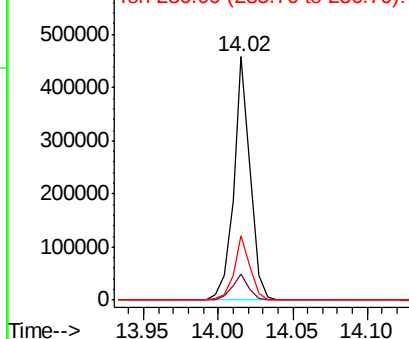
Lab File: BF112234.D

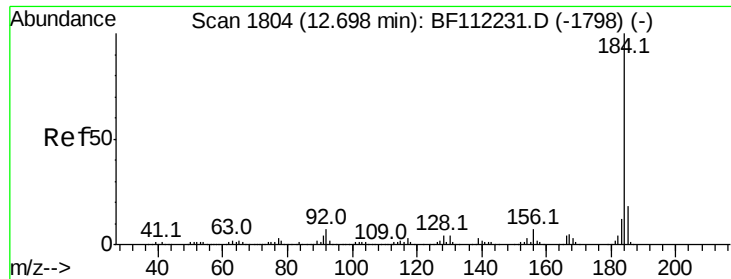
Acq: 25 Jan 2019 15:39

Tgt Ion:	240	Resp:	356670
Ion Ratio	Lower	Upper	
240	100		
120	10.6	9.0	13.6
236	26.4	20.7	31.1



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





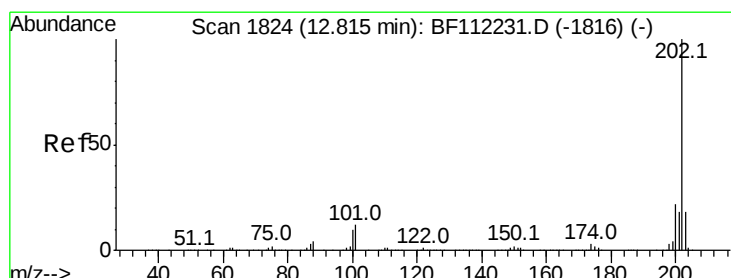
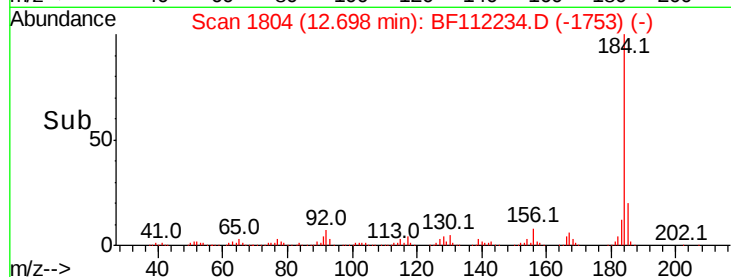
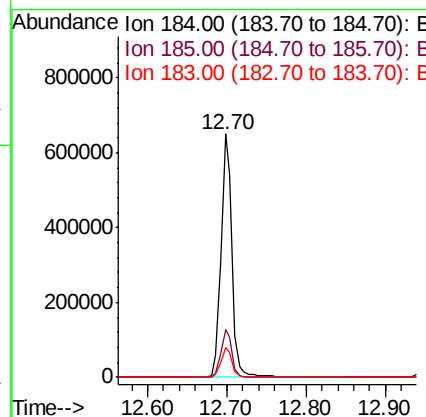
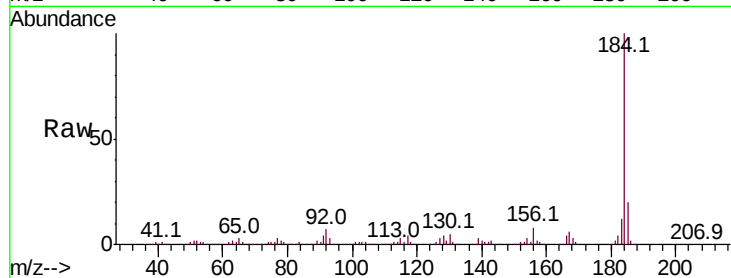
#77
Benzidine
Concen: 52.502 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
184	100		
185	19.8	13.9	20.9
183	12.1	10.0	15.0

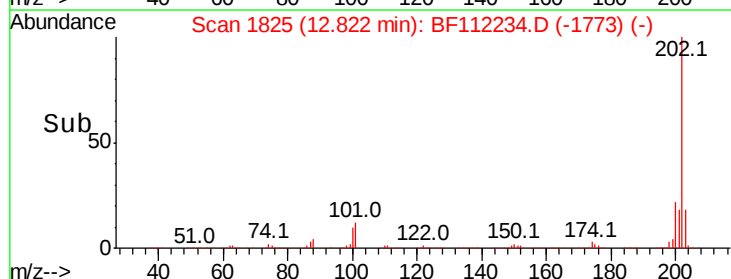
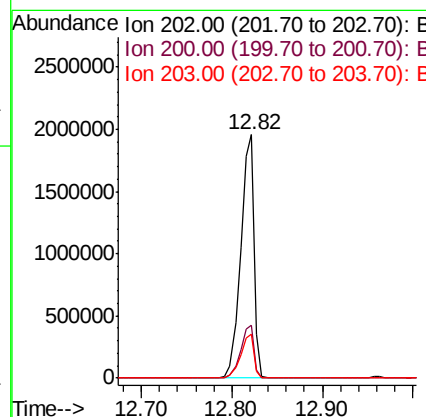
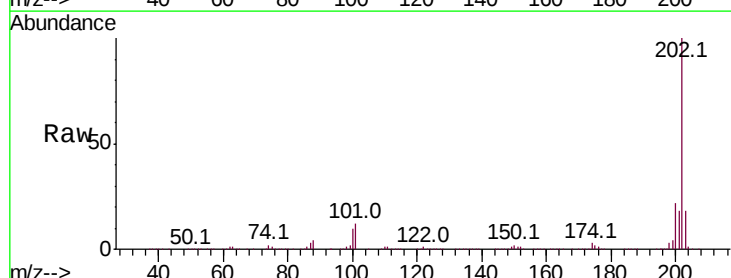
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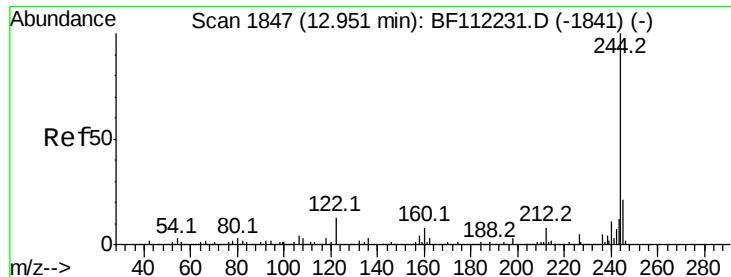
mohammad
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#78
Pyrene
Concen: 86.394 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	17.8	14.6	22.0





#79

Terphenyl-d14

Concen: 180.635 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:244 Resp: 3028476

Ion Ratio Lower Upper

244 100

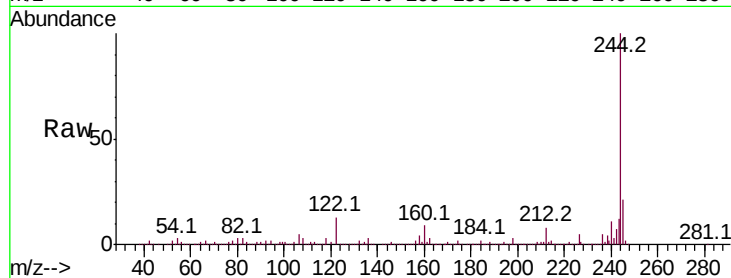
212 7.9 5.9 8.9

122 13.1 9.8 14.6

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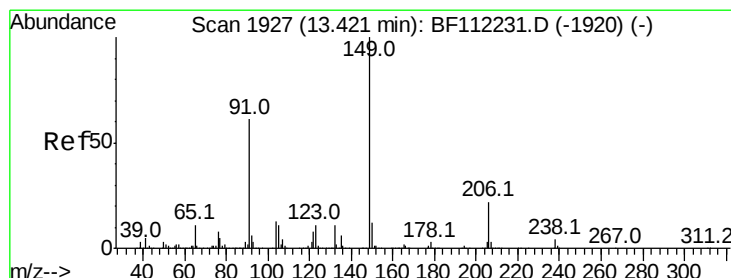
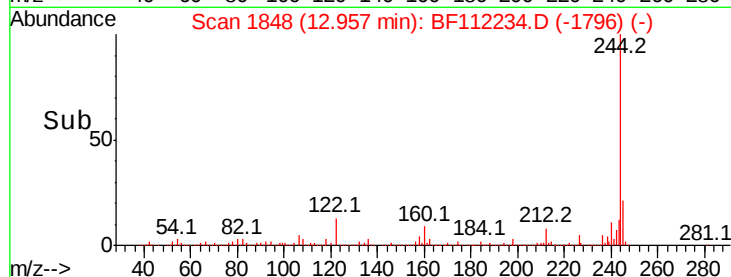
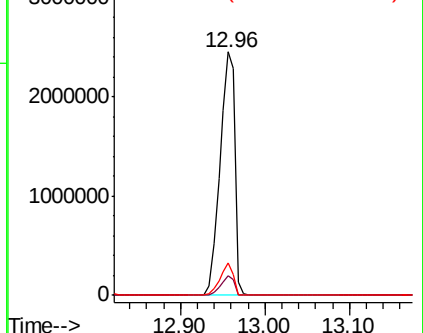
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 96.175 ng

RT: 13.42 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

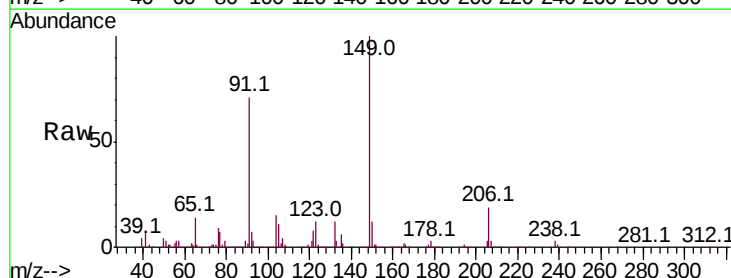
Tgt Ion:149 Resp: 992851

Ion Ratio Lower Upper

149 100

91 71.1 50.3 75.5

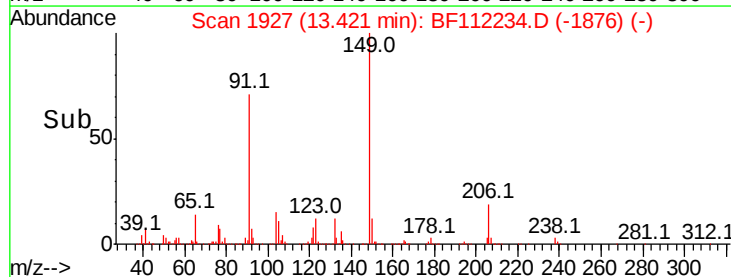
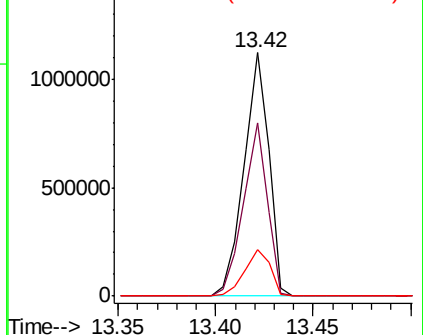
206 19.3 18.2 27.4

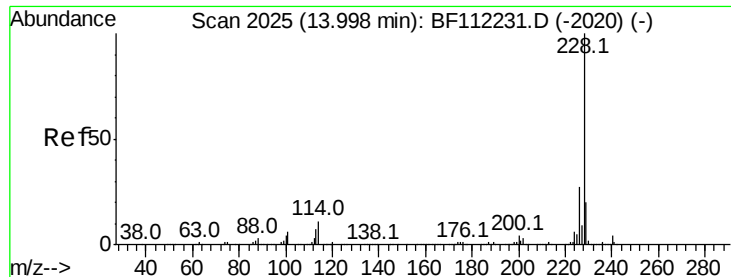


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 79.203 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:228 Resp: 1619735

Ion Ratio Lower Upper

228 100

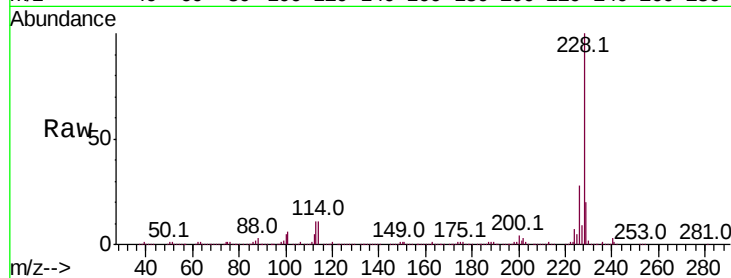
226 27.8 22.6 34.0

229 20.0 16.5 24.7

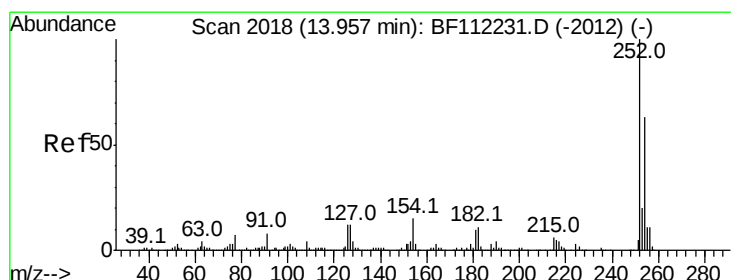
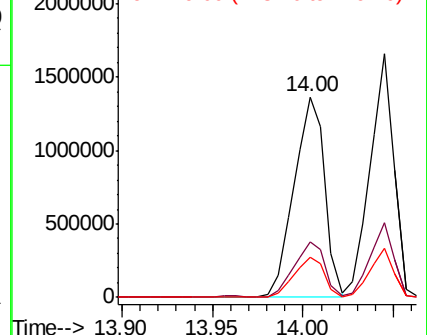
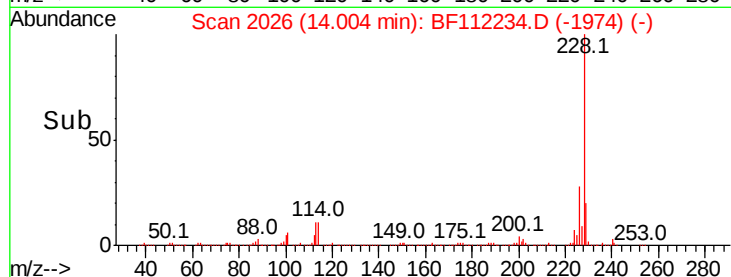
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 68.091 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

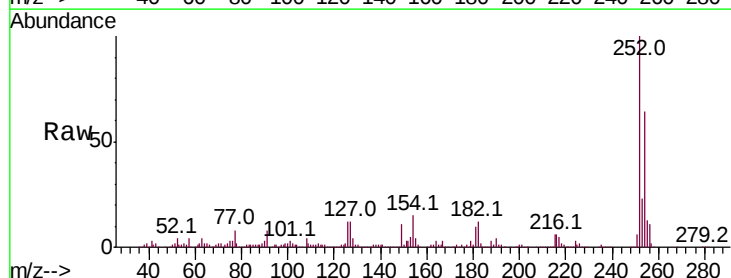
Tgt Ion:252 Resp: 521485

Ion Ratio Lower Upper

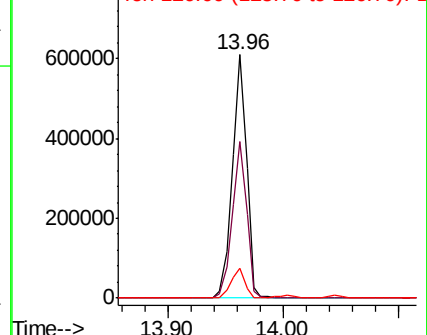
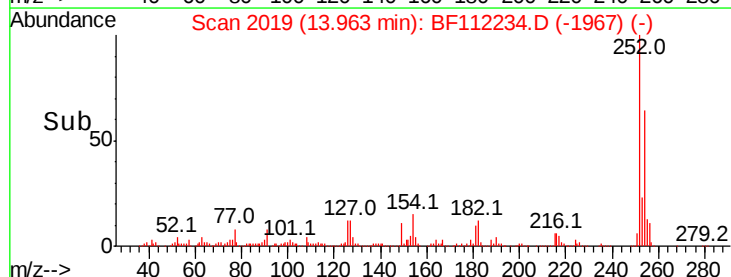
252 100

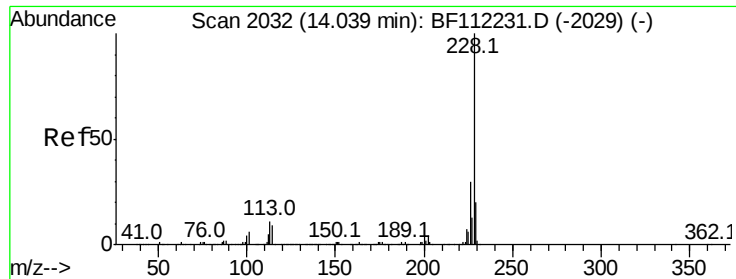
254 64.1 51.6 77.4

126 12.0 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





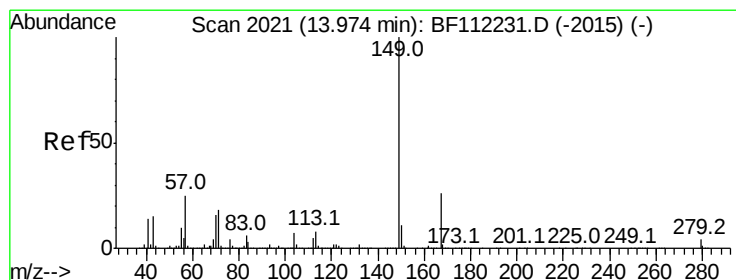
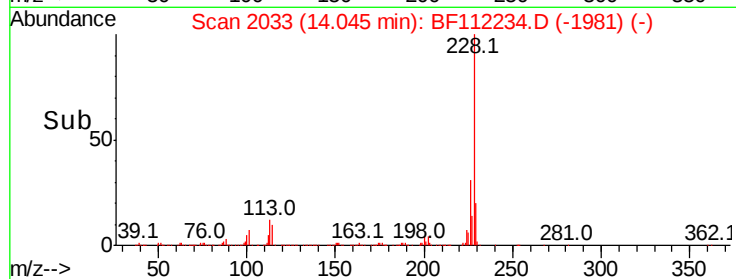
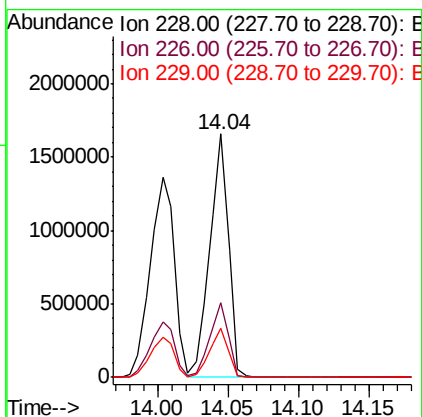
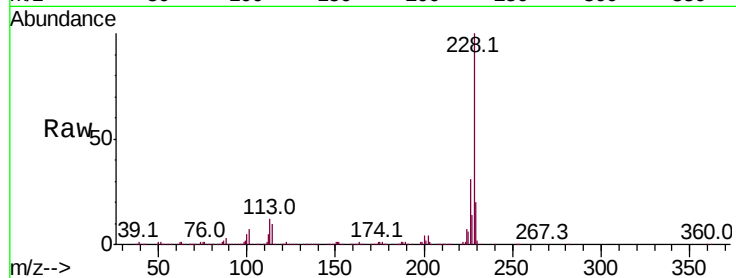
#83
 Chrvsene
 Concen: 78.829 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BF112234.D
 Acq: 25 Jan 2019 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	20.1	16.6	24.8

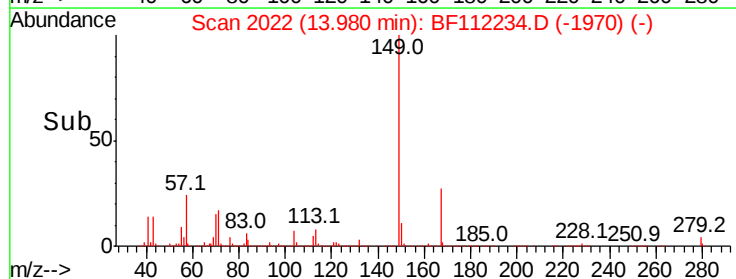
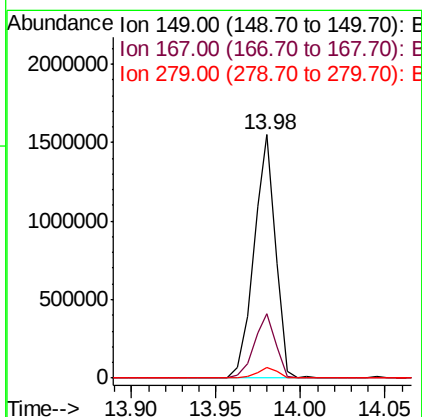
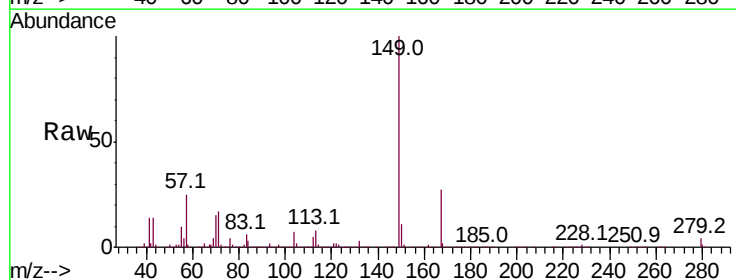
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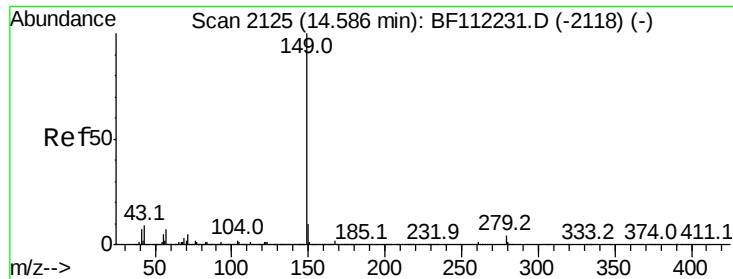
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 93.160 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF112234.D
 Acq: 25 Jan 2019 15:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	22.5	33.7
279	4.4	3.8	5.6





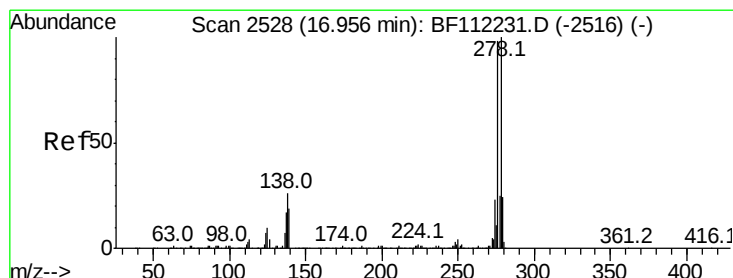
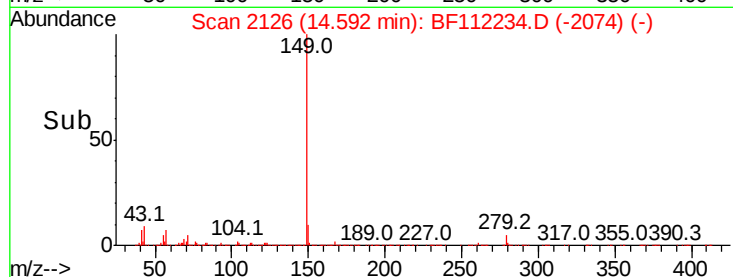
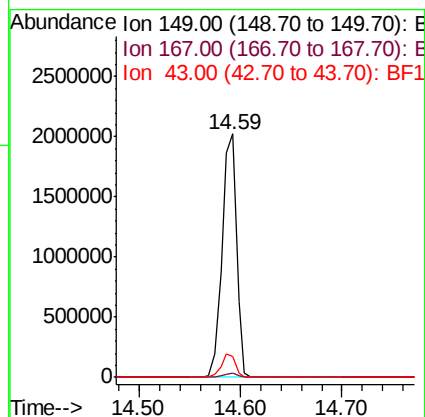
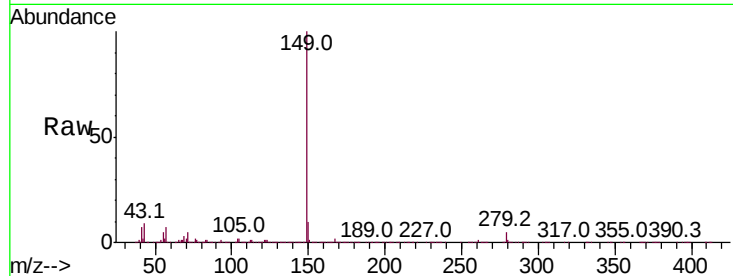
#85
Di-n-octyl phthalate
Concen: 87.613 ng
RT: 14.59 min Scan# 2126
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.2	7.8	11.6

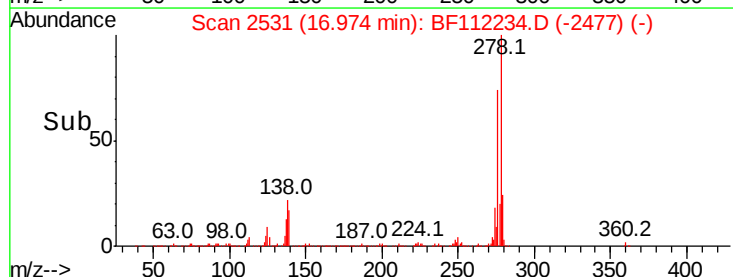
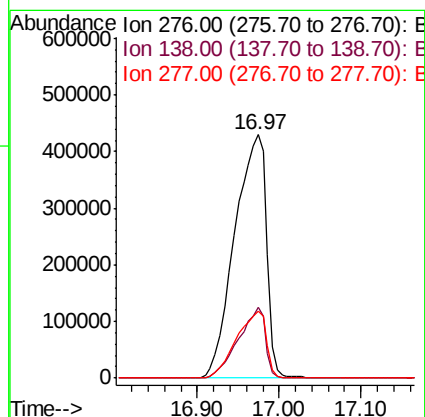
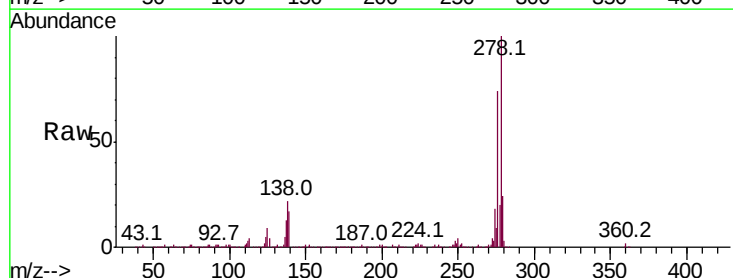
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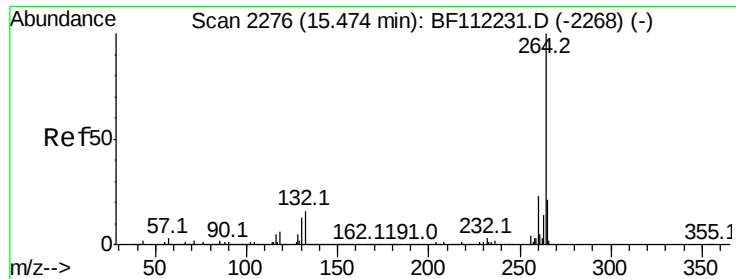
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 65.188 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.02 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	22.6	34.0
277	26.0	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA_F

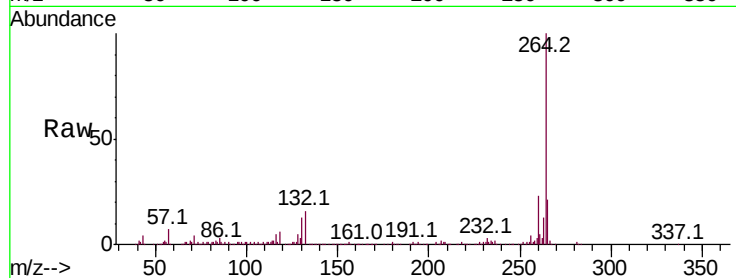
ClientSampleId :

SSTDICC080

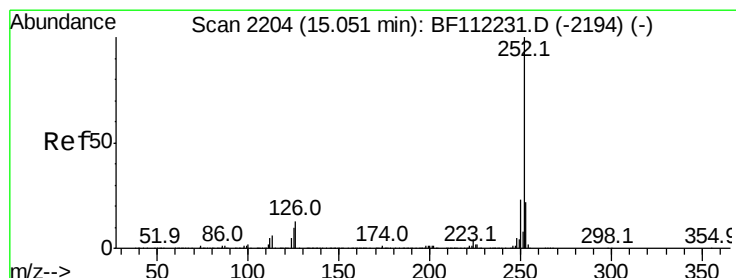
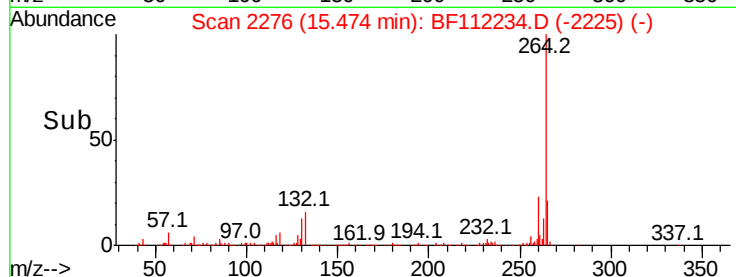
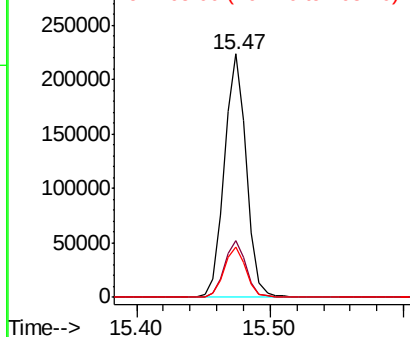
Tot Ion:	264	Resp:	260184
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.2	27.2
265	20.9	17.0	25.4

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 88.629 ng

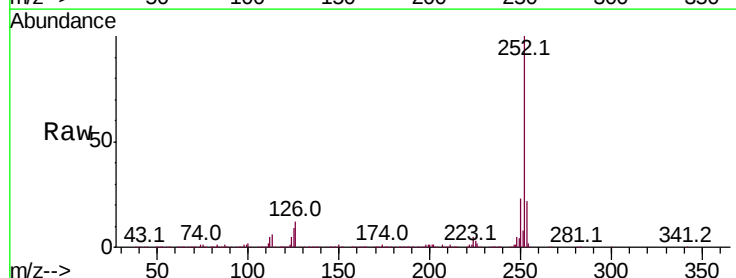
RT: 15.06 min Scan# 2205

Delta R.T. 0.01 min

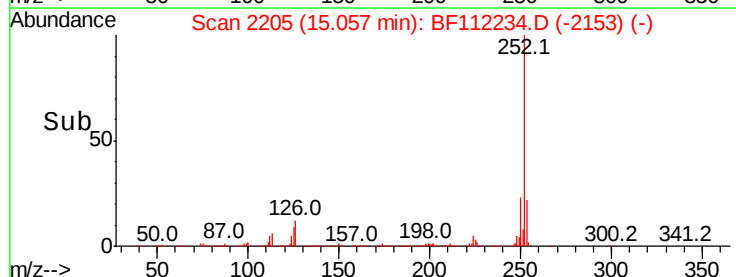
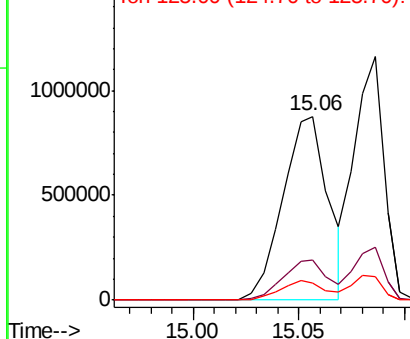
Lab File: BF112234.D

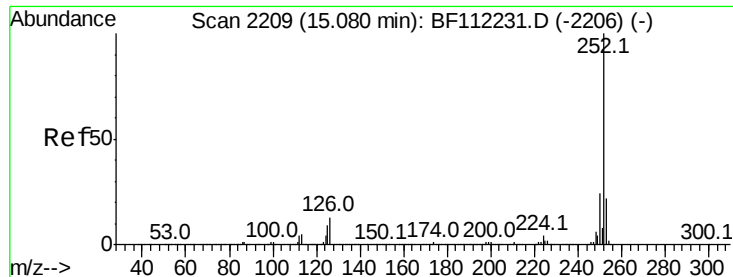
Acq: 25 Jan 2019 15:39

Tgt Ion:	252	Resp:	1308963
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.0	27.0
125	9.5	8.7	13.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





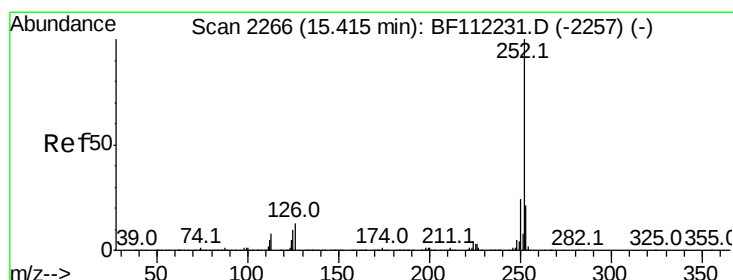
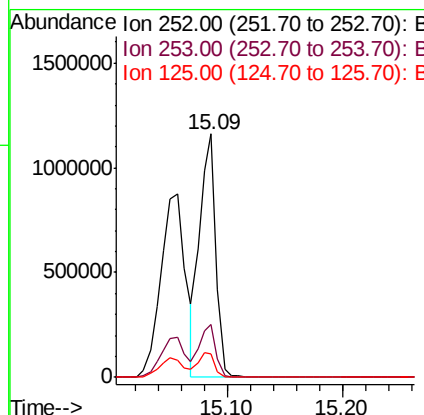
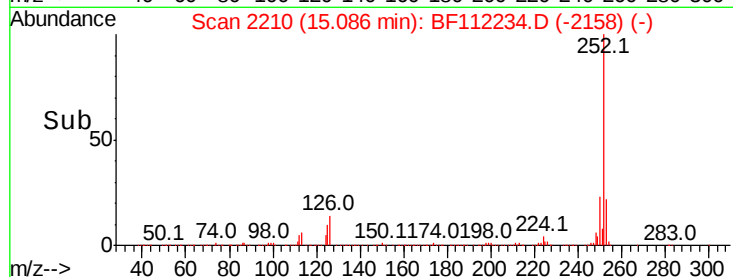
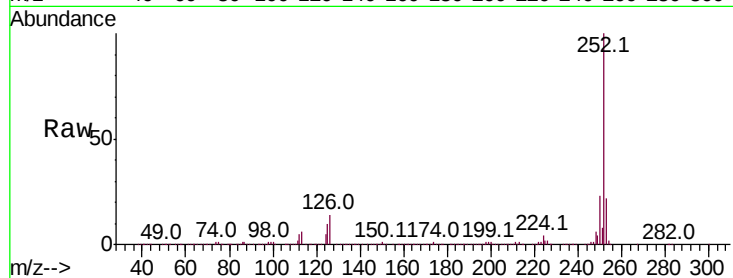
#89
Benzo(k)fluoranthene
Concen: 80.298 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	9.7	9.1	13.7

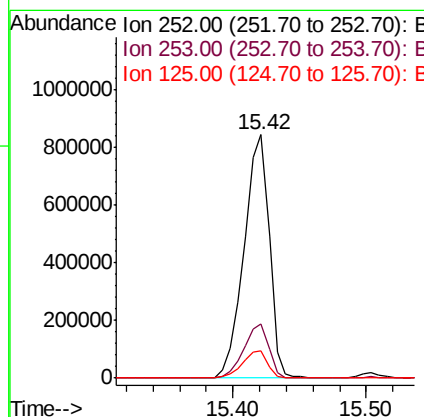
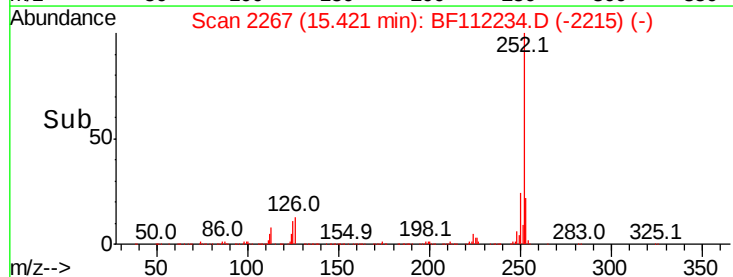
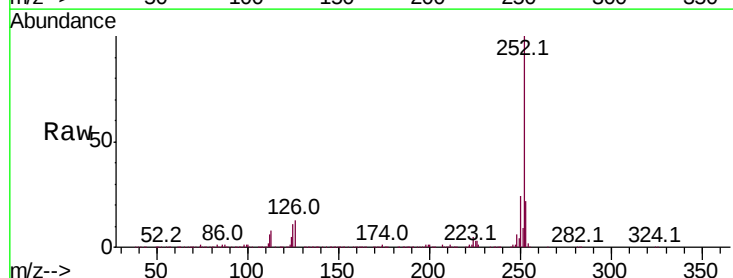
Manual Integrations
APPROVED

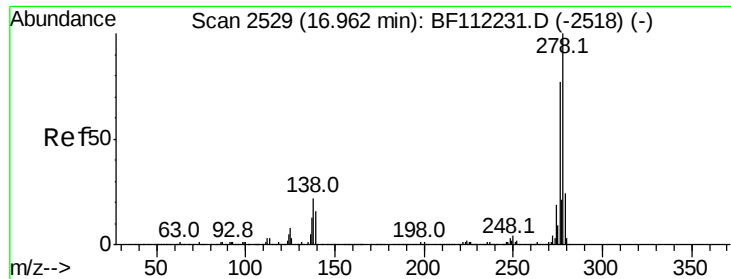
mohammad
1/29/2019 12:31:20 AM



#90
Benzo(a)pyrene
Concen: 81.351 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.01 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	11.1	9.0	13.4





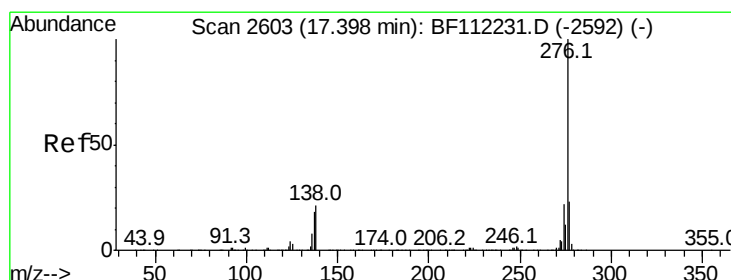
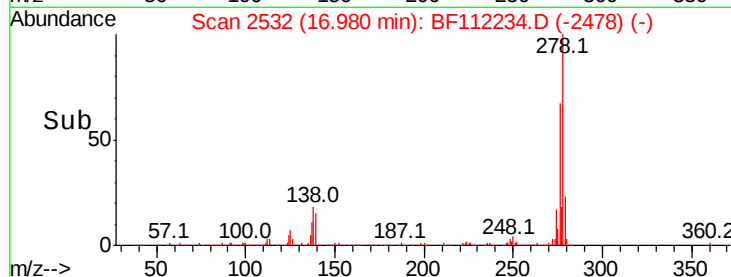
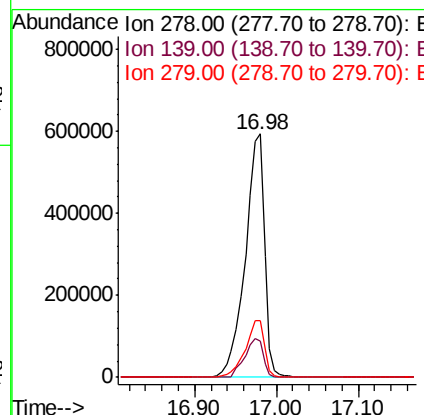
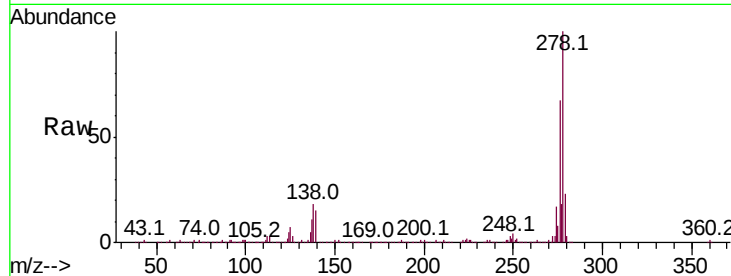
#91
Dibenzo(a,h)anthracene
Concen: 80.787 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.02 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.7	20.5
279	23.5	19.0	28.6

Manual Integrations
APPROVED

mohammad
1/29/2019 12:31:20 AM



#92
Benzo(g,h,i)perylene
Concen: 80.423 ng
RT: 17.42 min Scan# 2606
Delta R.T. 0.02 min
Lab File: BF112234.D
Acq: 25 Jan 2019 15:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.4	29.0
138	20.0	19.1	28.7

