

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118961.D
 Acq On : 20 Feb 2020 15:24
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

mohammad
 2/21/2020 2:18:42 PM

Quant Time: Feb 20 16:07:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 15:19:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	166603	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	586931	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	315456	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	580727	20.00	ng	0.00
76) Chrysene-d12	13.92	240	413094	20.00	ng	0.00
87) Perylene-d12	15.33	264	374575	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	1189254	135.95	ng	0.00
7) Phenol-d6	6.41	99	1435070	129.77	ng	0.00
23) Nitrobenzene-d5	7.33	82	1330547	126.09	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	495711	126.85	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2426458	124.25	ng	0.00
79) Terphenyl-d14	12.86	244	2774425	132.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	272982	69.636	ng	99
3) Pyridine	3.18	79	750860	69.368	ng	98
4) n-Nitrosodimethylamine	3.13	42	230263	69.076	ng	96
6) Aniline	6.43	93	882870	61.048	ng	# 76
8) 2-Chlorophenol	6.55	128	640575	60.591	ng	96
9) Benzaldehyde	6.31	77	483909	73.275	ng	98
10) Phenol	6.42	94	772162	61.076	ng	95
11) bis(2-Chloroethyl)ether	6.50	93	601833	60.619	ng	99
12) 1,3-Dichlorobenzene	6.70	146	766215	60.416	ng	99
13) 1,4-Dichlorobenzene	6.78	146	769717	60.536	ng	99
14) 1,2-Dichlorobenzene	6.93	146	696959	59.688	ng	98
15) Benzyl Alcohol	6.91	79	523905	60.739	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	520255	58.115	ng	99
17) 2-Methylphenol	7.03	107	520924	60.152	ng	95
18) Hexachloroethane	7.27	117	277931	60.844	ng	98
19) n-Nitroso-di-n-propylamine	7.19	70	412465	58.460	ng	97
20) 3+4-Methylphenols	7.18	107	591938	58.570	ng	95
22) Acetophenone	7.18	105	799208	62.568	ng	98
24) Nitrobenzene	7.35	77	666181	62.342	ng	99
25) Isophorone	7.59	82	1155809	61.168	ng	99
26) 2-Nitrophenol	7.66	139	358818	62.876	ng	98
27) 2,4-Dimethylphenol	7.70	122	482019	63.112	ng	98
28) bis(2-Chloroethoxy)methane	7.80	93	748028	60.515	ng	100
29) 2,4-Dichlorophenol	7.91	162	560893	61.580	ng	98
30) 1,2,4-Trichlorobenzene	7.99	180	658897	61.659	ng	99
31) Naphthalene	8.07	128	1803211	60.625	ng	99
32) Benzoic acid	7.86	122	352214	63.839	ng	96
33) 4-Chloroaniline	8.12	127	787445	61.837	ng	99
34) Hexachlorobutadiene	8.19	225	414461	62.690	ng	99
35) Caprolactam	8.50	113	174118m	63.182	ng	
36) 4-Chloro-3-methylphenol	8.60	107	567329	62.332	ng	98
37) 2-Methylnaphthalene	8.76	142	1208096	60.888	ng	99
38) 1-Methylnaphthalene	8.86	142	1137400	61.130	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	636952	62.938	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	223307	73.536	nq	95
43) 2,4,6-Trichlorophenol	9.04	196	410604	61.480	nq	99
44) 2,4,5-Trichlorophenol	9.08	196	429437	62.016	nq	95
46) 1,1'-Biphenyl	9.22	154	1502996	61.975	nq	98
47) 2-Chloronaphthalene	9.25	162	1224113	60.820	nq	97
48) 2-Nitroaniline	9.34	65	355191	63.071	nq	96
49) Acenaphthylene	9.66	152	1777272	61.845	nq	100
50) Dimethylphthalate	9.53	163	1446273	60.725	nq	100
51) 2,6-Dinitrotoluene	9.59	165	324741	61.046	nq	97
52) Acenaphthene	9.83	154	1065394	60.902	nq	99
53) 3-Nitroaniline	9.76	138	361263	61.707	nq	99
54) 2,4-Dinitrophenol	9.86	184	152969	64.651	nq	# 91
55) Dibenzofuran	10.00	168	1577446	60.409	nq	99
56) 4-Nitrophenol	9.92	139	225927	62.644	nq	99
57) 2,4-Dinitrotoluene	9.99	165	424713	61.719	nq	97
58) Fluorene	10.35	166	1215500	60.061	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	362918	60.980	nq	99
60) Diethylphthalate	10.22	149	1357993	60.484	nq	99
61) 4-Chlorophenyl-phenylether	10.33	204	645553	59.947	nq	97
62) 4-Nitroaniline	10.37	138	373147	61.911	nq	98
63) Azobenzene	10.50	77	1182943	59.910	nq	97
65) 4,6-Dinitro-2-methylphenol	10.40	198	227703	63.623	nq	99
66) n-Nitrosodiphenylamine	10.46	169	1116701	60.719	nq	99
67) 4-Bromophenyl-phenylether	10.82	248	453530	60.833	nq	97
68) Hexachlorobenzene	10.90	284	519948	60.919	nq	95
69) Atrazine	10.98	200	393415	63.910	nq	100
70) Pentachlorophenol	11.09	266	227104	62.152	nq	99
71) Phenanthrene	11.30	178	1860314	61.005	nq	98
72) Anthracene	11.36	178	1841697	60.363	nq	100
73) Carbazole	11.51	167	1654549	60.502	nq	99
74) Di-n-butylphthalate	11.84	149	2025084	58.364	nq	99
75) Fluoranthene	12.49	202	1977481	58.214	nq	99
77) Benzidine	12.60	184	1025782	77.561	nq	96
78) Pyrene	12.72	202	1993022	66.855	nq	98
80) Butylbenzylphthalate	13.33	149	856886	65.594	nq	96
81) Benzo(a)anthracene	13.90	228	1657839	65.490	nq	99
82) 3,3'-Dichlorobenzidine	13.86	252	653490	66.343	nq	99
83) Chrysene	13.94	228	1672600	65.907	nq	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	1035833	62.575	nq	100
85) Di-n-octyl phthalate	14.50	149	1652621	61.925	nq	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	1433999	57.414	nq	98
88) Benzo(b)fluoranthene	14.93	252	1617632	64.062	nq	99
89) Benzo(k)fluoranthene	14.96	252	1433912	63.901	nq	99
90) Benzo(a)pyrene	15.28	252	1376272	63.261	nq	99
91) Dibenzo(a,h)anthracene	16.75	278	1164727	59.071	nq	99
92) Benzo(g,h,i)perylene	17.16	276	1154552	59.347	nq	98

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

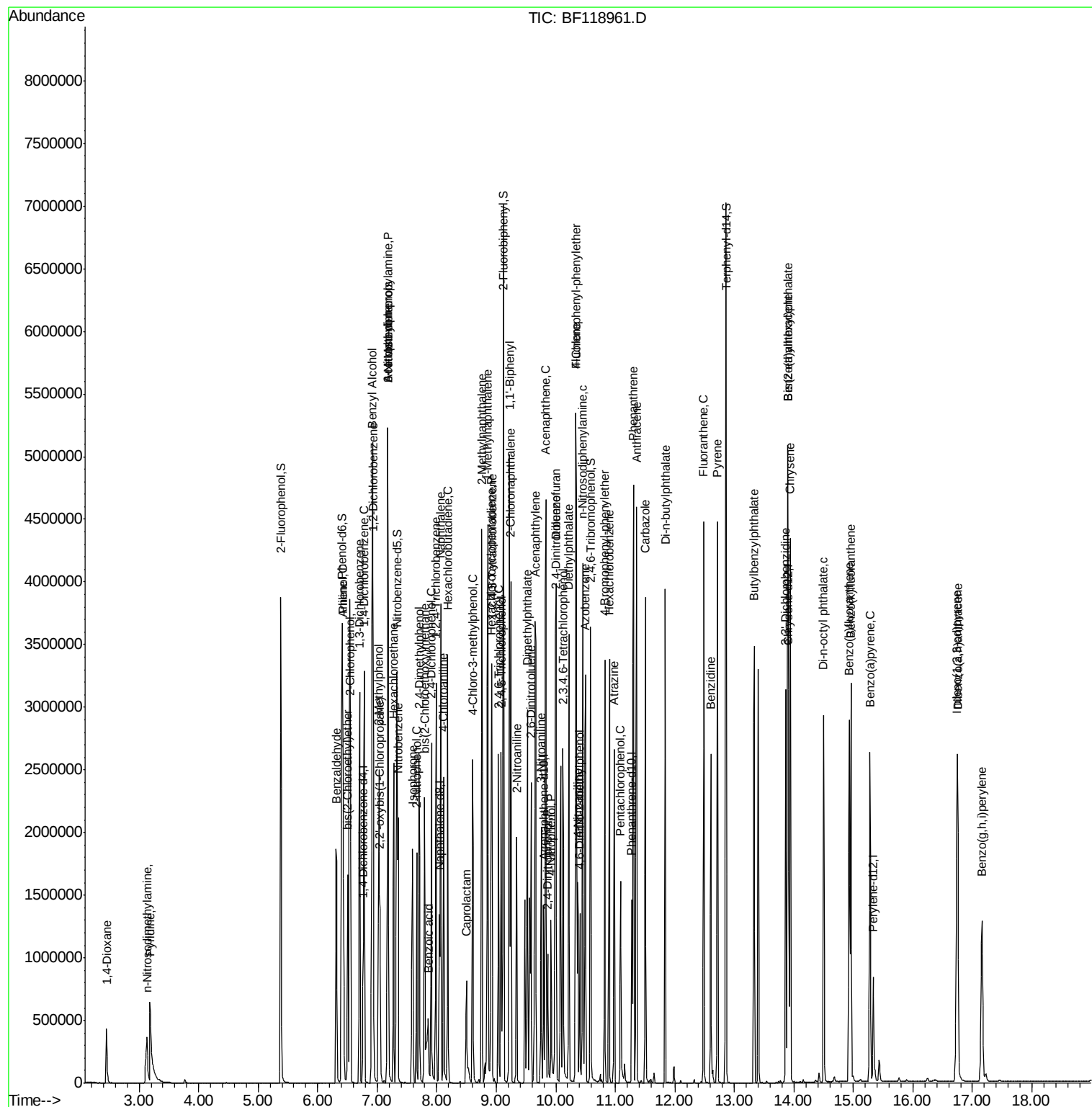
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#1

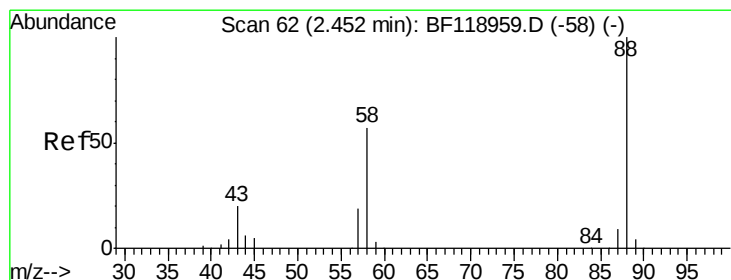
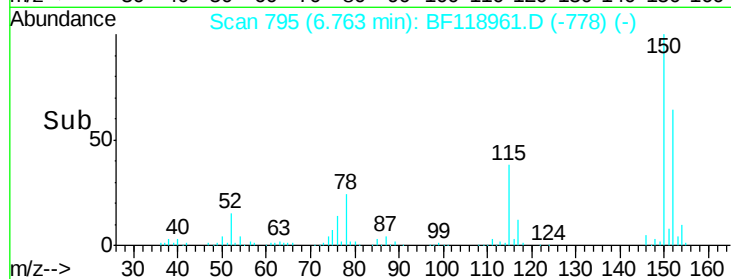
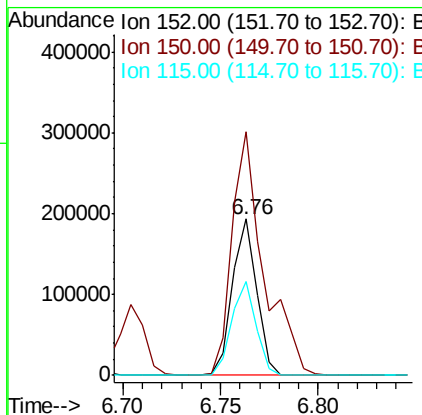
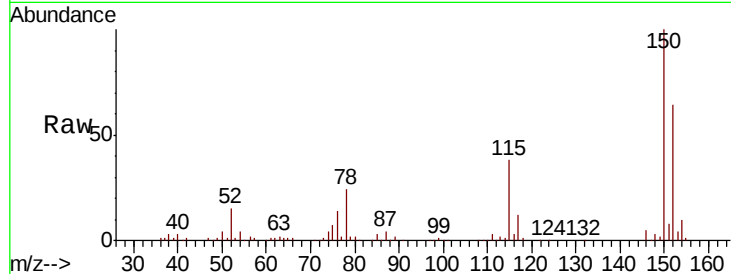
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.3	186.5
115	59.9	44.6	67.0

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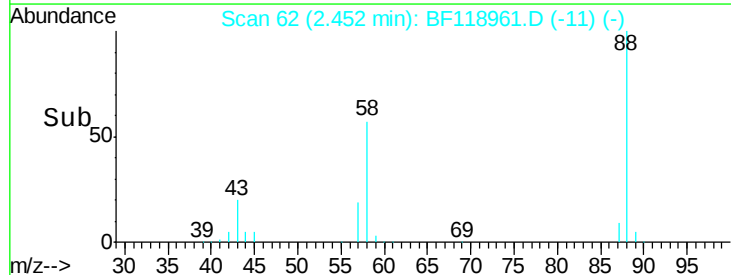
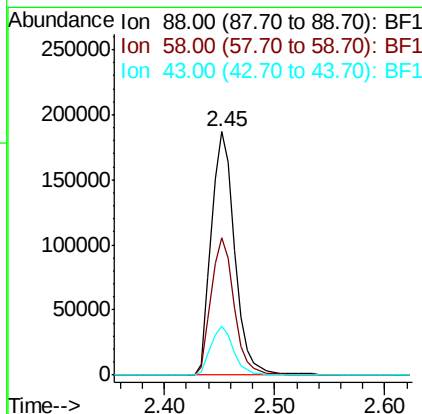
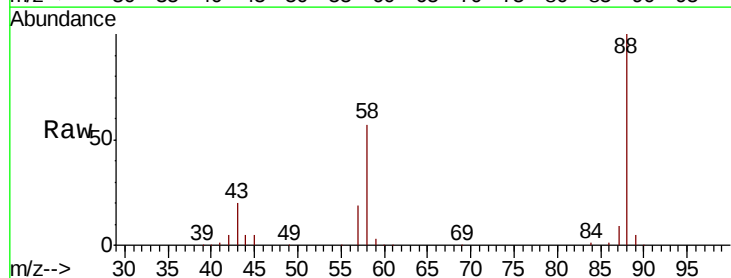
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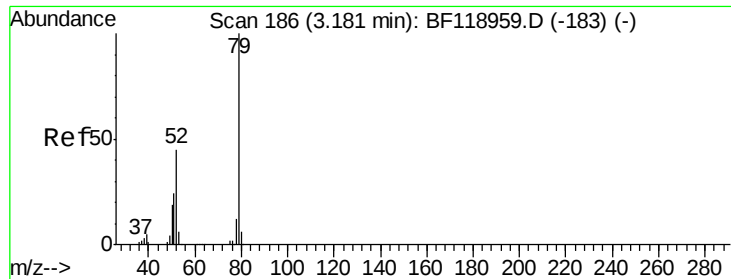


#2

1,4-Dioxane
Concen: 69.636 ng
RT: 2.45 min Scan# 62
Delta R.T. -0.00 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.4	44.6	66.8
43	19.5	16.0	24.0





#3

Pvridine

Concen: 69.368 ng

RT: 3.18 min Scan# 186

Delta R.T. -0.00 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

Instrument :

BNA_F

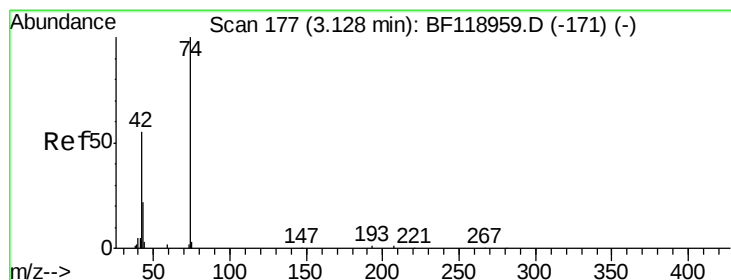
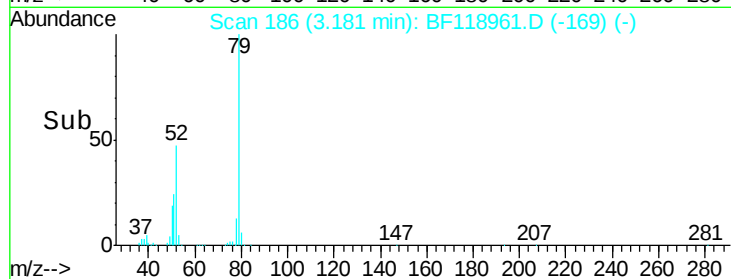
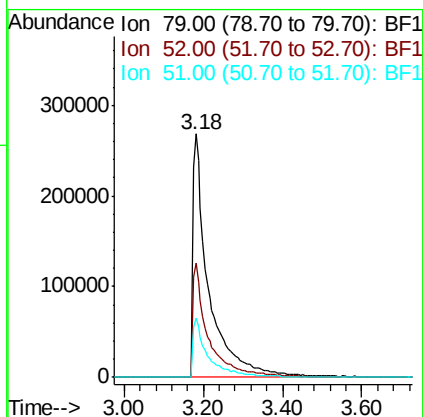
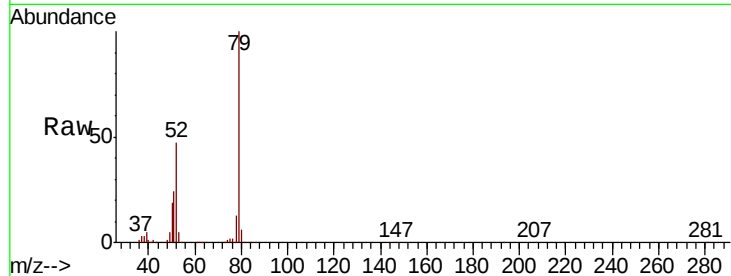
ClientSampleId :

SSTDIC060

Tot Ion:	79	Resp:	750860
Ion	Ratio	Lower	Upper
79	100		
52	47.0	36.3	54.5
51	24.4	19.5	29.3

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#4

n-Nitrosodimethylamine

Concen: 69.076 ng

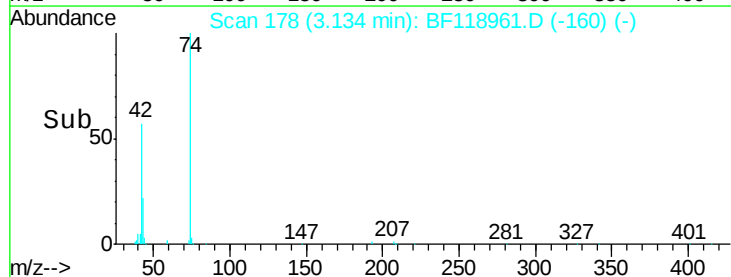
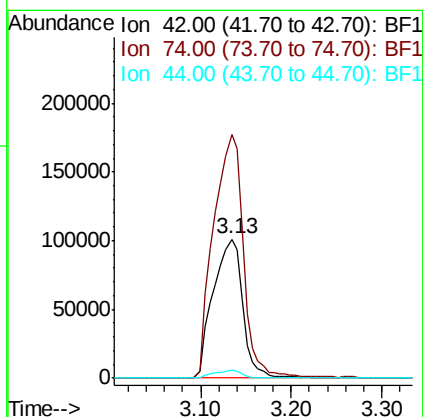
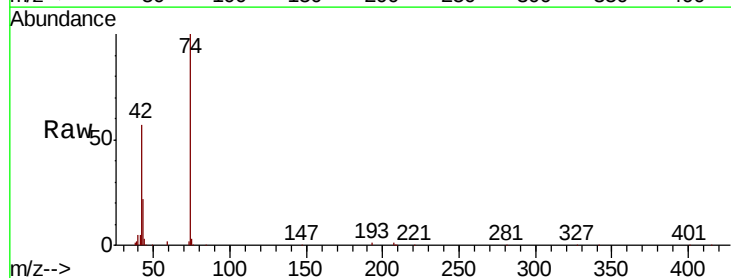
RT: 3.13 min Scan# 178

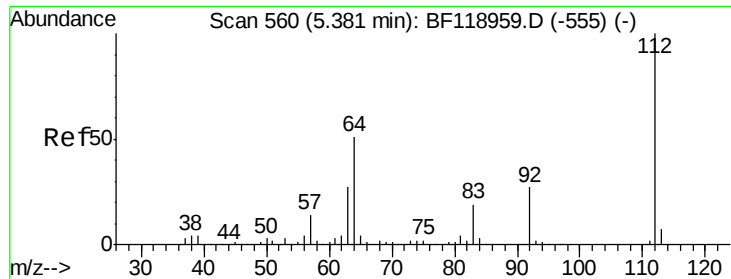
Delta R.T. 0.01 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

Tgt Ion:	42	Resp:	230263
Ion	Ratio	Lower	Upper
42	100		
74	175.0	144.4	216.6
44	5.7	4.5	6.7





#5

2-Fluorophenol

Concen: 135.947 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

Instrument :

BNA_F

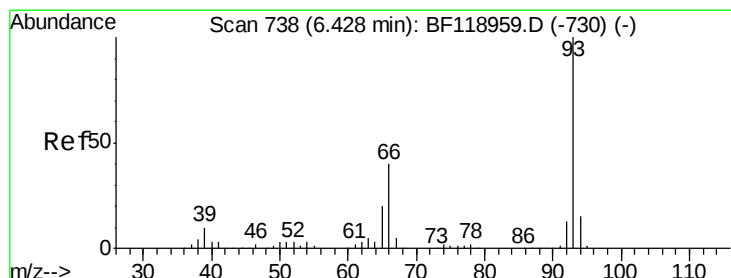
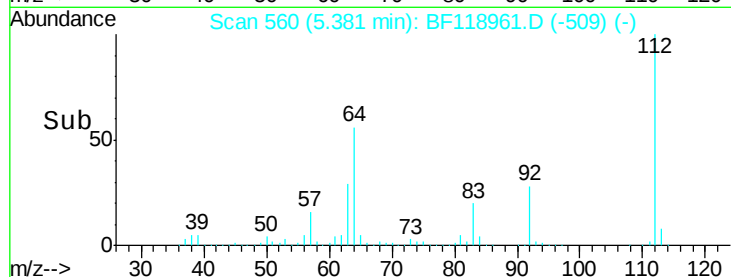
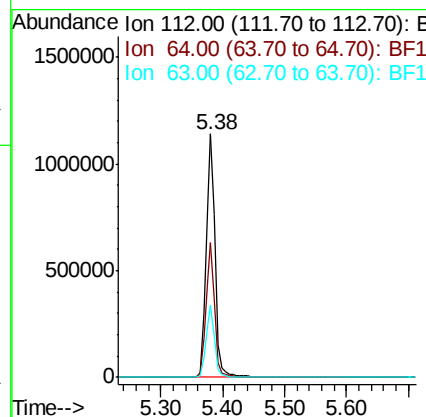
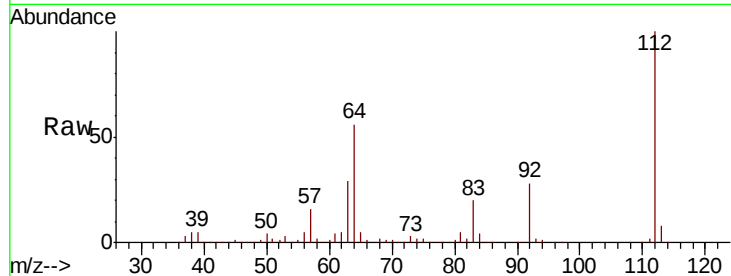
ClientSampleId :

SSTDICC060

Tot Ion:	112	Resp:	1189254
Ion	Ratio	Lower	Upper
112	100		
64	55.5	40.4	60.6
63	29.5	21.3	31.9

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#6

Aniline

Concen: 61.048 ng

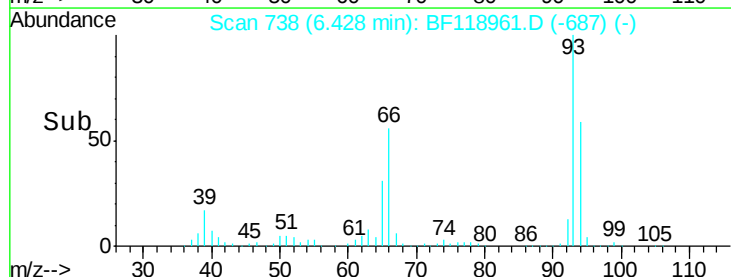
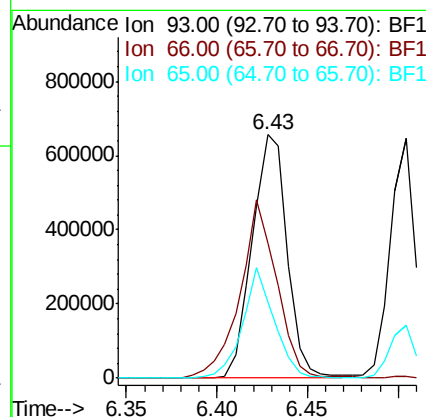
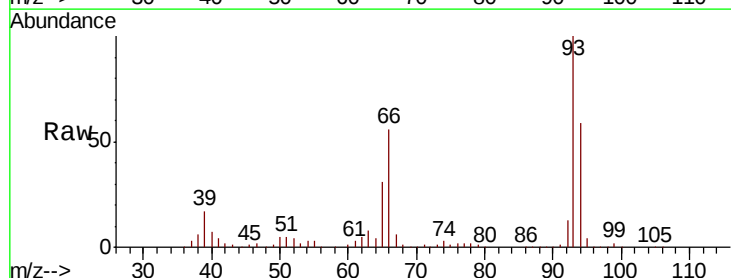
RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

Tgt Ion:	93	Resp:	882870
Ion	Ratio	Lower	Upper
93	100		
66	55.5	32.2	48.2#
65	31.0	16.1	24.1#





#7

Phenol-d6

Concen: 129.770 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 99 Resp: 1435070

Ion Ratio Lower Upper

99 100

42 14.8 11.4 17.0

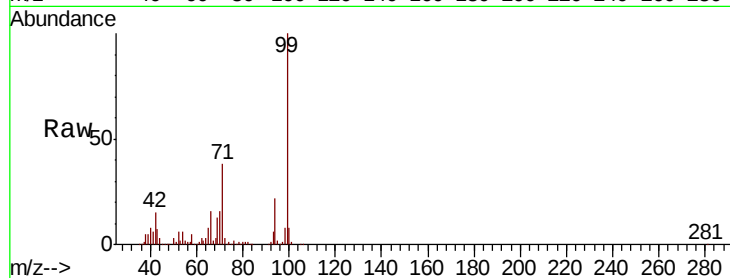
71 38.2 29.8 44.6

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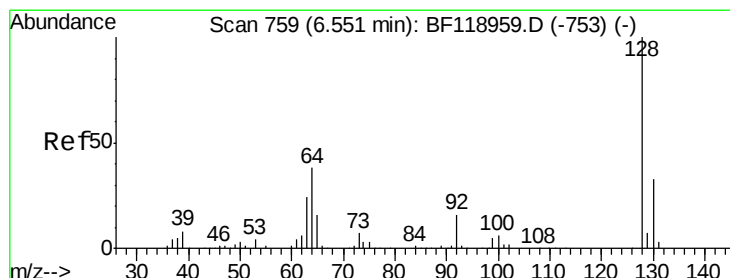
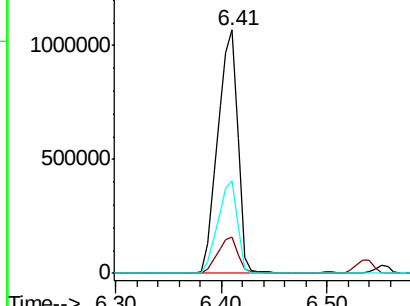
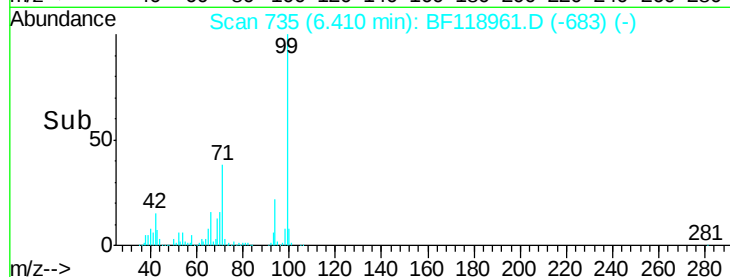
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 60.591 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

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Acq: 20 Feb 2020 15:24

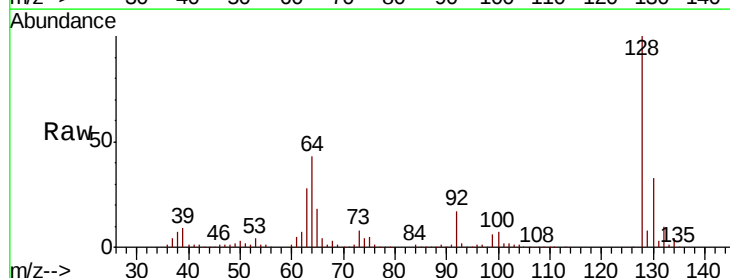
Tgt Ion:128 Resp: 640575

Ion Ratio Lower Upper

128 100

130 33.2 12.7 52.7

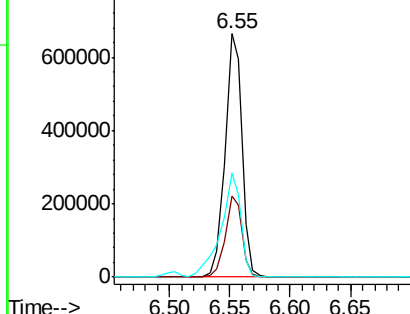
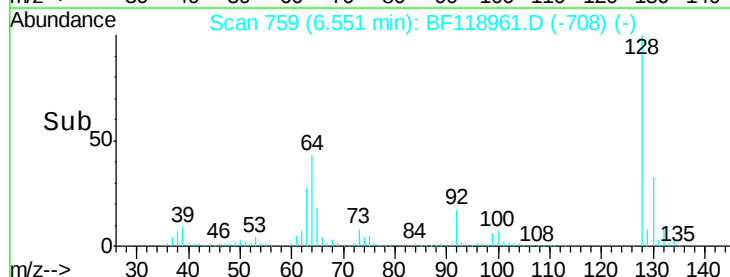
64 42.8 18.7 58.7

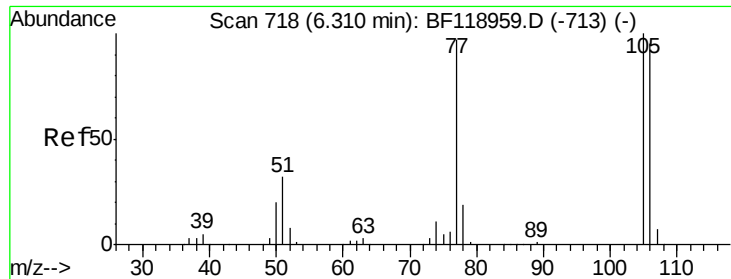


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 73.275 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

Instrument :

BNA_F

ClientSampleID :

SSTDICC060

Tot Ion: 77 Resp: 483909

Ion Ratio Lower Upper

77 100

105 101.1 83.0 123.0

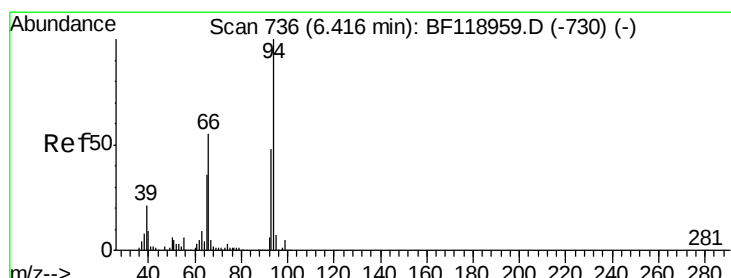
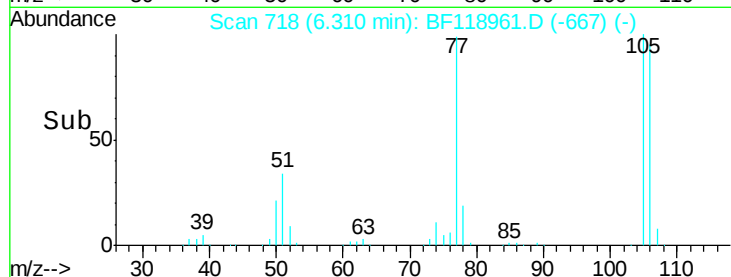
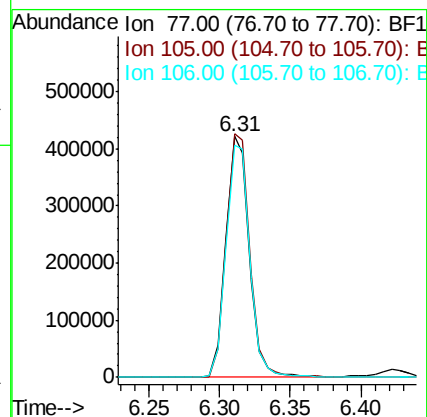
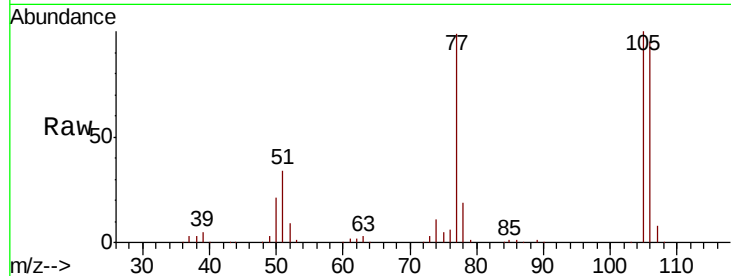
106 96.6 78.3 118.3

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#10

Phenol

Concen: 61.076 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

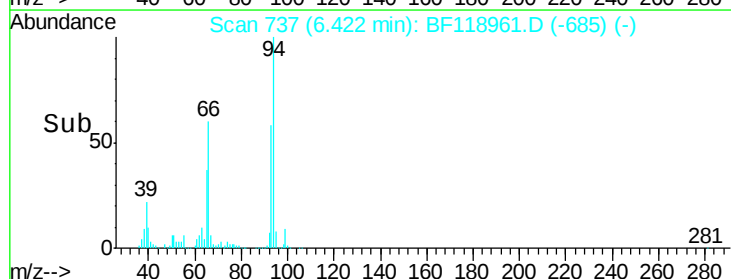
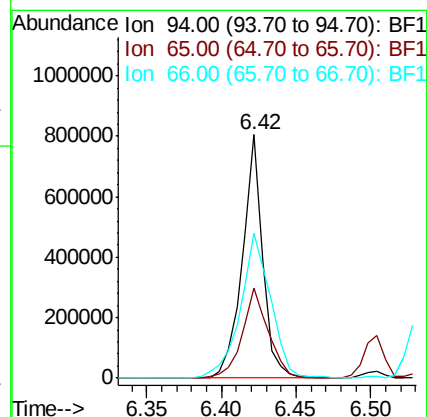
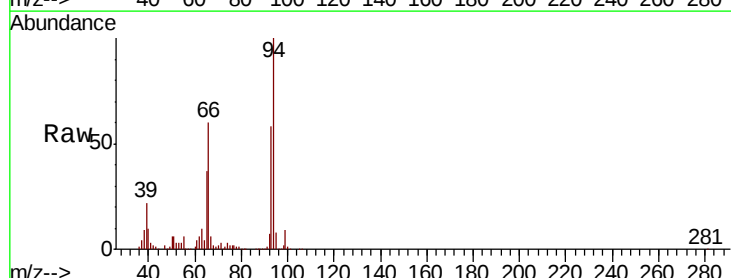
Tgt Ion: 94 Resp: 772162

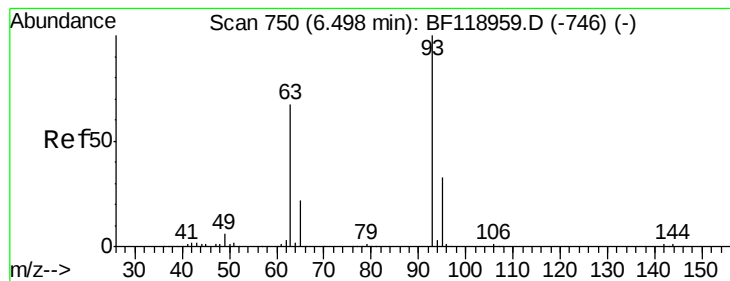
Ion Ratio Lower Upper

94 100

65 37.1 15.5 55.5

66 59.7 35.6 75.6





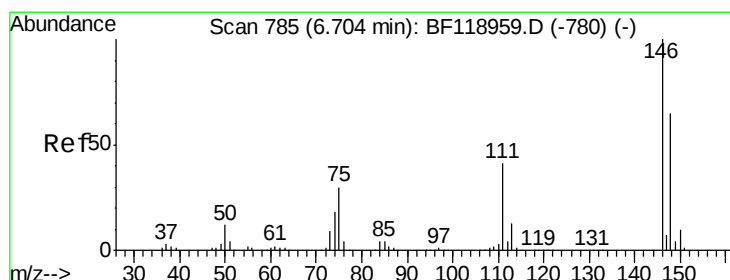
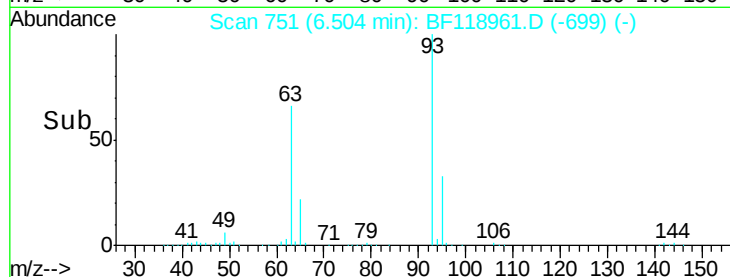
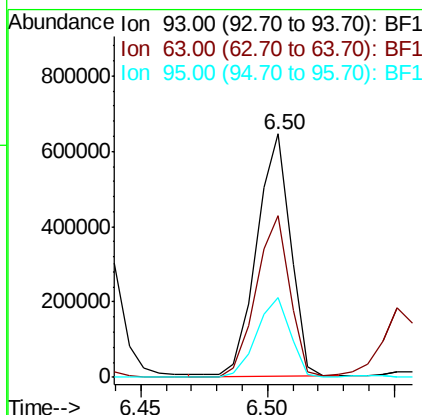
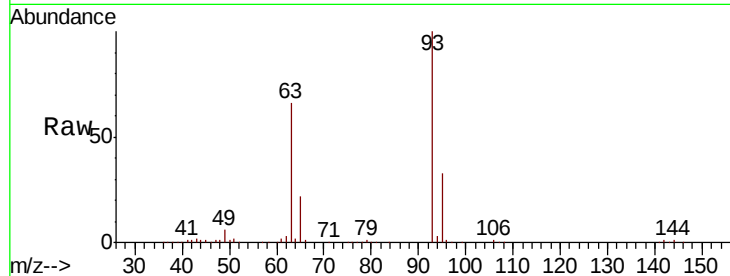
#11
bis(2-Chloroethyl)ether
Concen: 60.619 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
93	100		
63	66.2	46.8	86.8
95	32.8	12.7	52.7

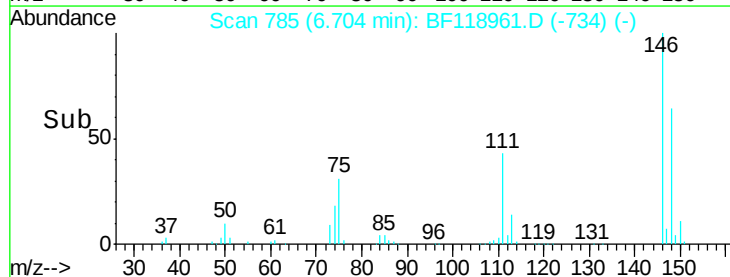
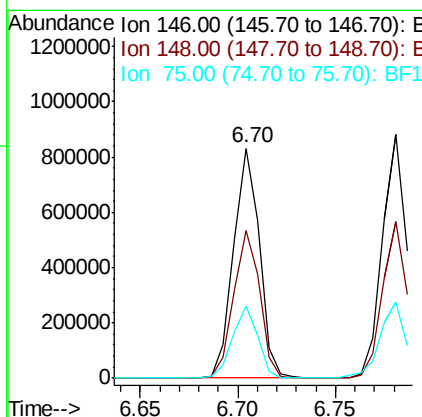
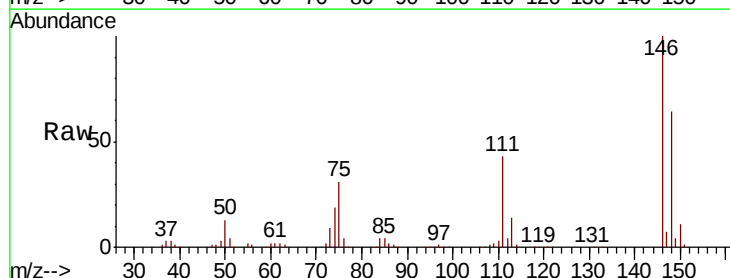
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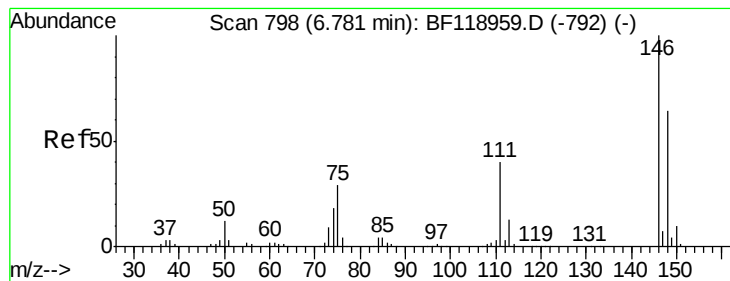
mohammad
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#12
1,3-Dichlorobenzene
Concen: 60.416 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.7	77.5
75	31.2	23.6	35.4





#13

1,4-Dichlorobenzene

Concen: 60.536 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

Instrument :

BNA_F

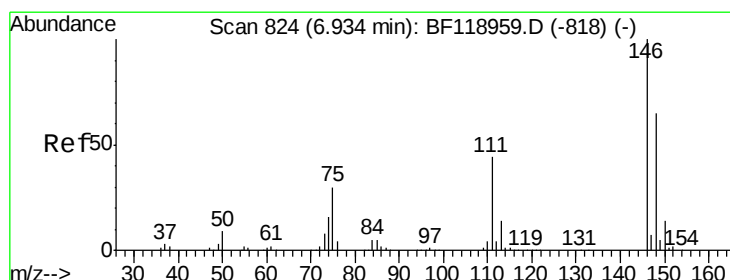
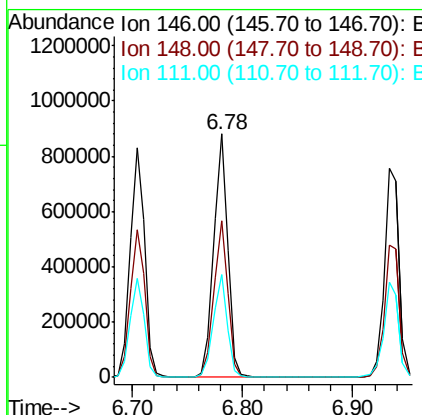
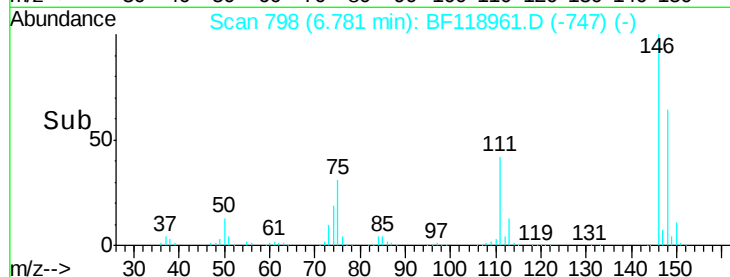
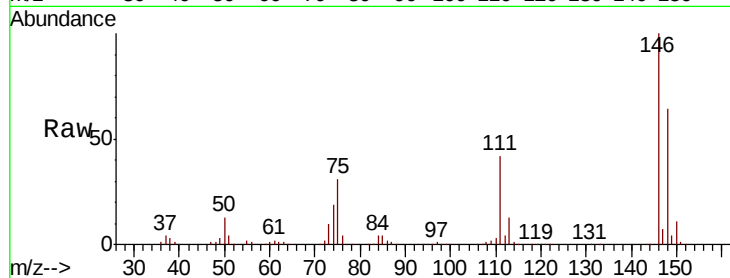
ClientSampleId :

SSTDIC060

Tot Ion:	146	Resp:	769717
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.4	77.2
111	42.0	31.9	47.9

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#14

1,2-Dichlorobenzene

Concen: 59.688 ng

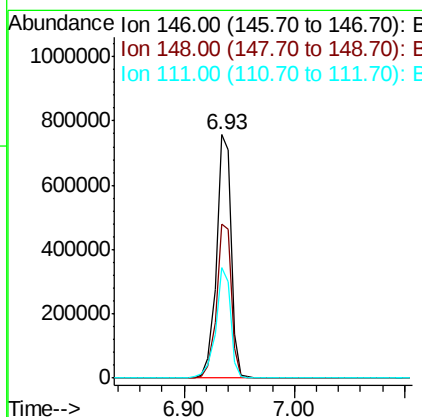
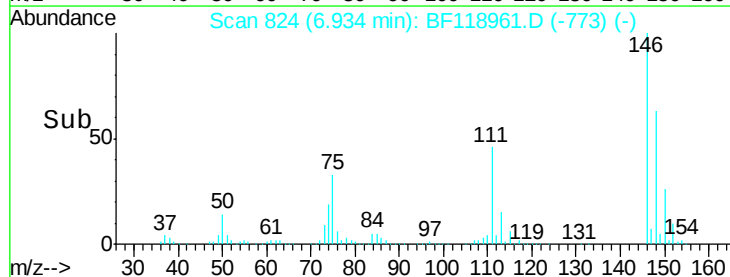
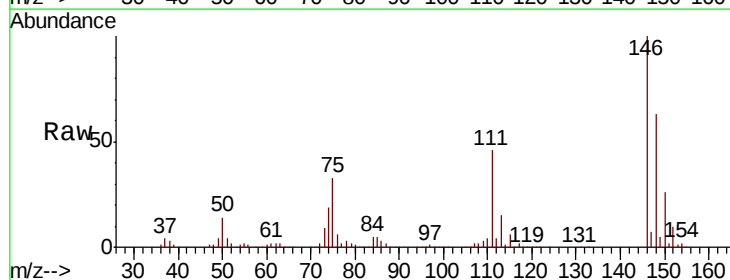
RT: 6.93 min Scan# 824

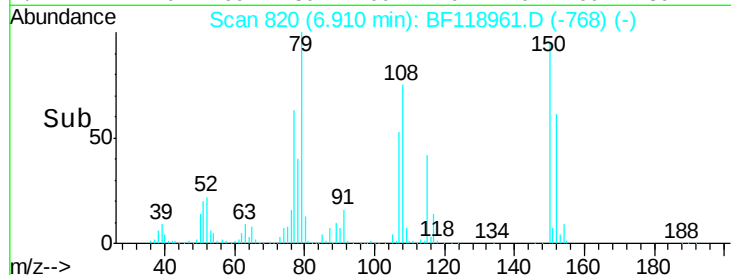
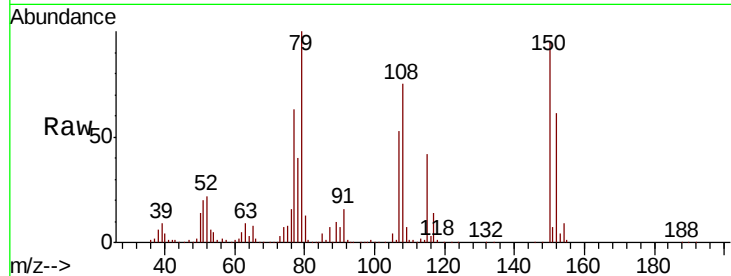
Delta R.T. -0.00 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

Tgt Ion:	146	Resp:	696959
Ion Ratio	Lower	Upper	
146	100		
148	63.3	52.1	78.1
111	45.5	35.5	53.3





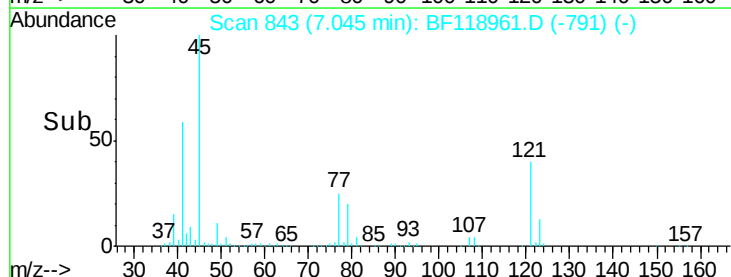
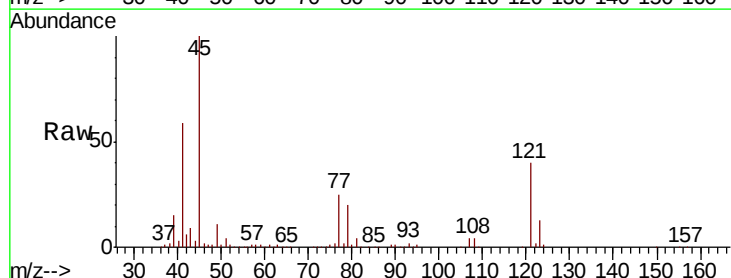
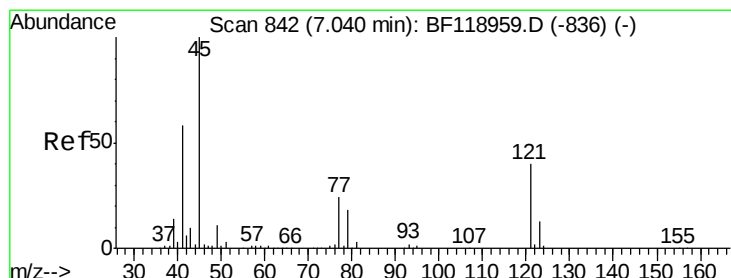
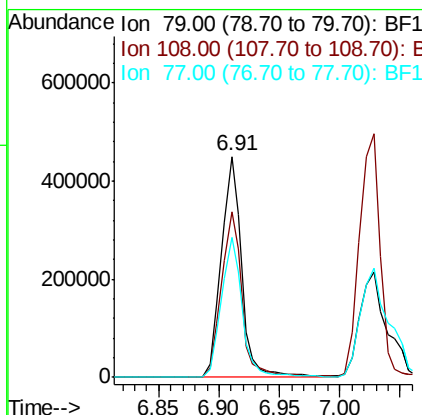
#15
Benzyl Alcohol
Concen: 60.739 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	75.1	61.1	91.7	
77	63.5	50.2	75.2	

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

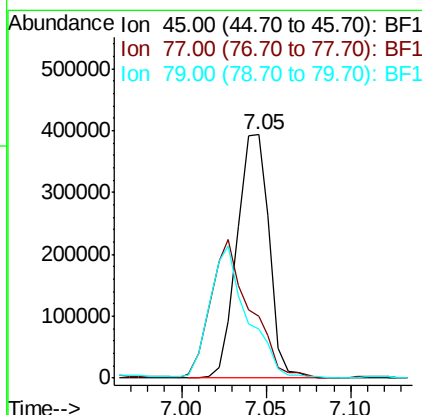
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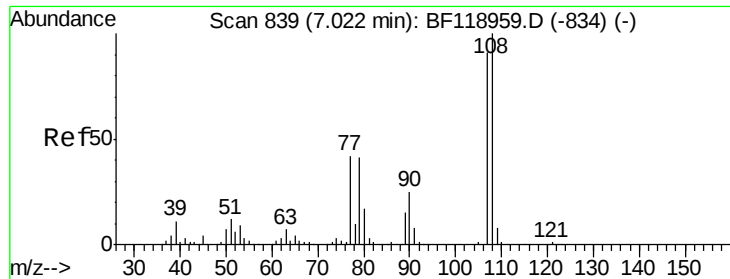
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.115 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	25.4	6.1	46.1	
79	20.3	0.5	40.5	





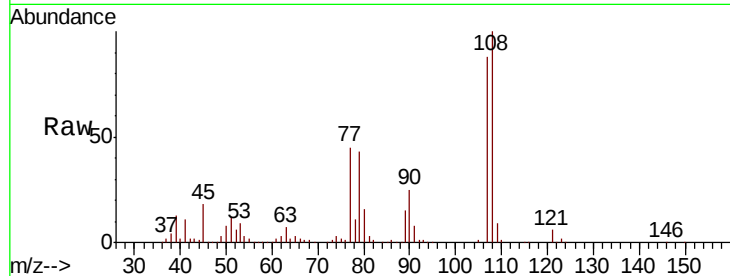
#17
2-Methylphenol
Concen: 60.152 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

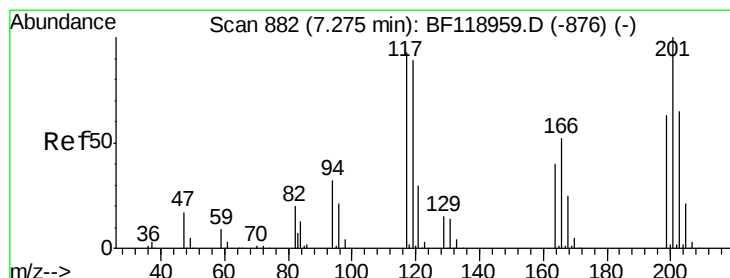
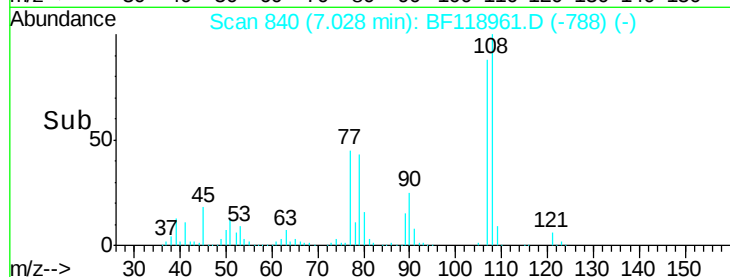
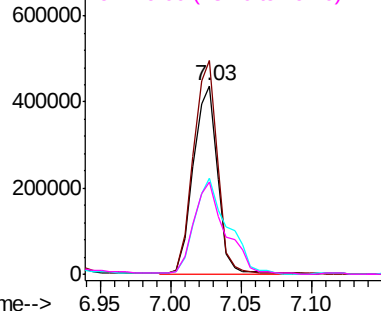
Tot Ion:	107	Resp:	520924
Ion Ratio	Lower	Upper	
107	100		
108	113.3	87.7	131.5
77	51.0	36.8	55.2
79	49.0	36.4	54.6

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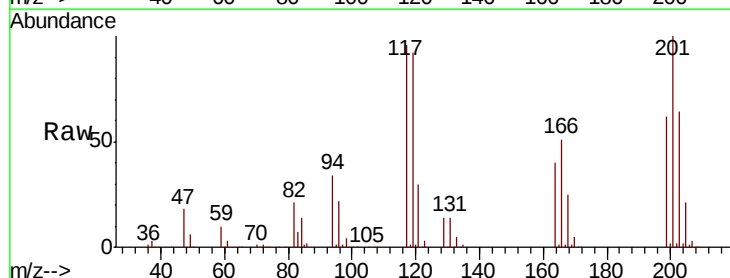


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

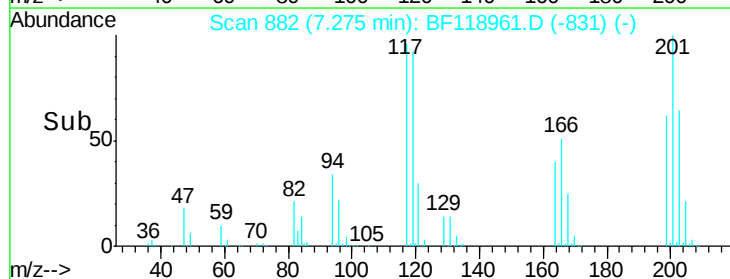
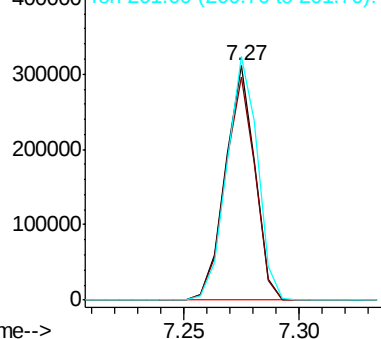


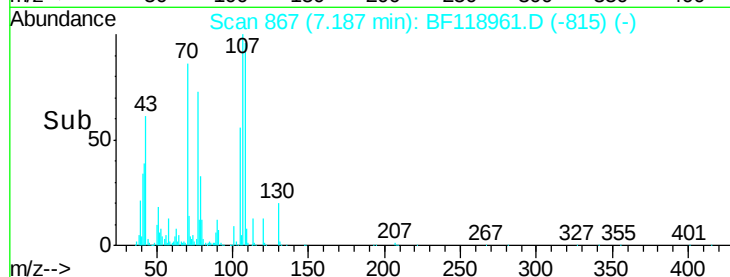
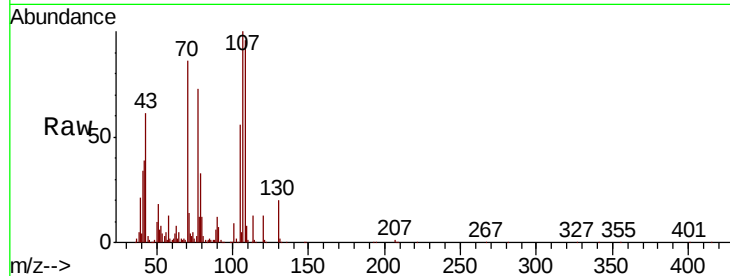
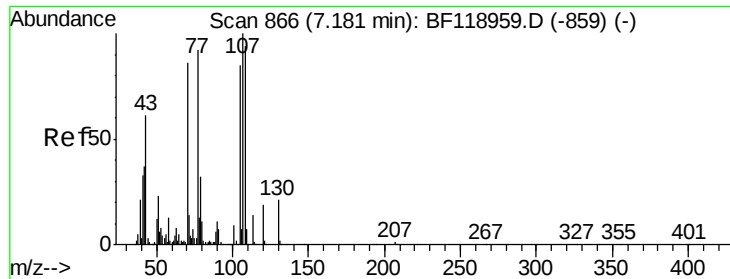
#18
Hexachloroethane
Concen: 60.844 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Tgt Ion:	117	Resp:	277931
Ion Ratio	Lower	Upper	
117	100		
119	95.4	77.0	115.6
201	104.0	86.4	129.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





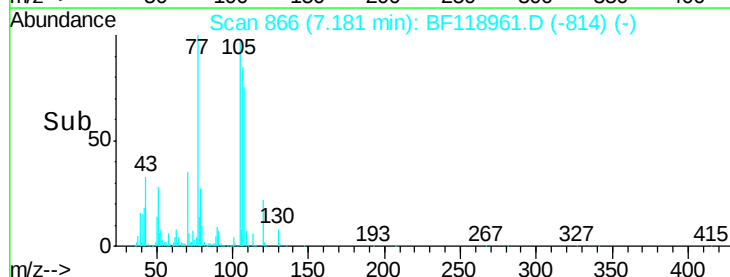
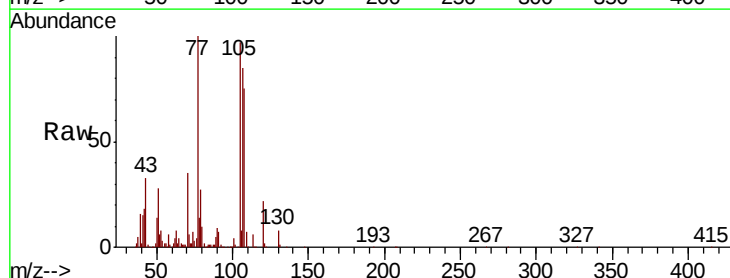
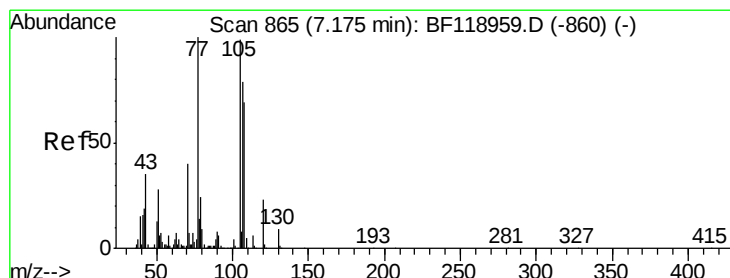
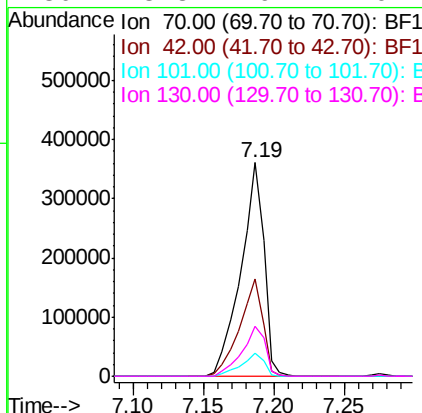
#19
n-Nitroso-di-n-propylamine
Concen: 58.460 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Tot Ion	Ratio	Lower	Upper
70	100		
42	45.4	34.6	51.8
101	10.6	8.1	12.1
130	23.3	19.4	29.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

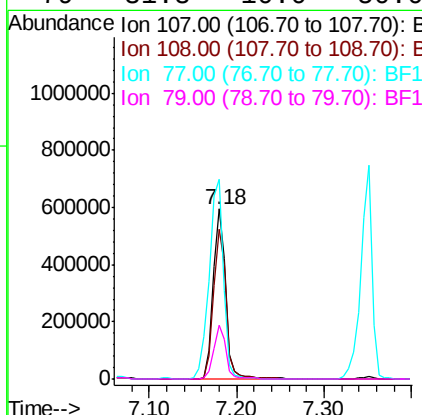
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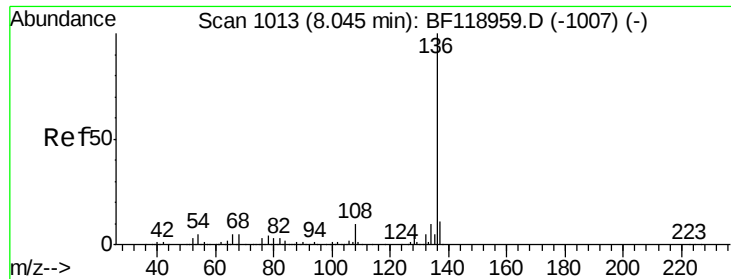
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#20
3+4-Methylphenols
Concen: 58.570 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	67.0	107.0
77	117.9	106.2	146.2
79	31.8	10.0	50.0





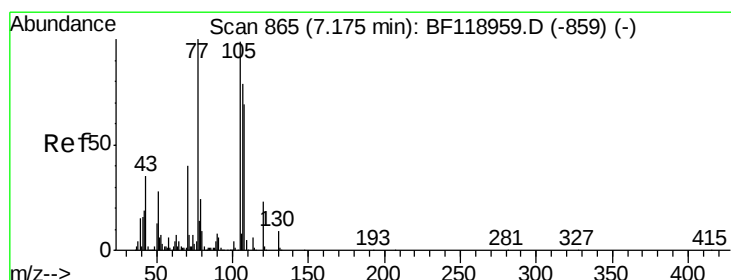
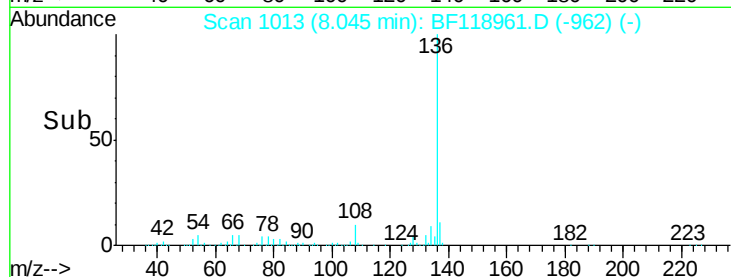
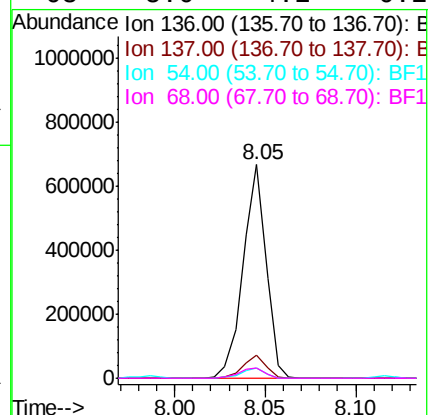
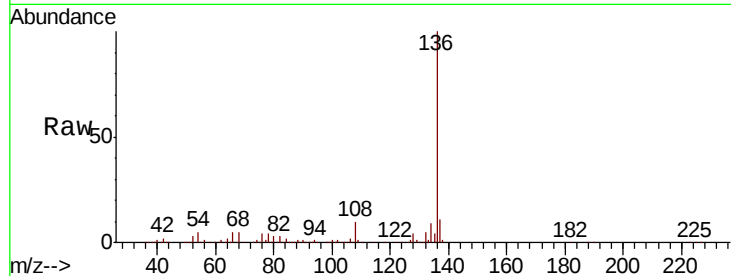
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		586931		
137	10.7		8.9	13.3	
54	4.5		3.8	5.6	
68	5.0		4.2	6.2	

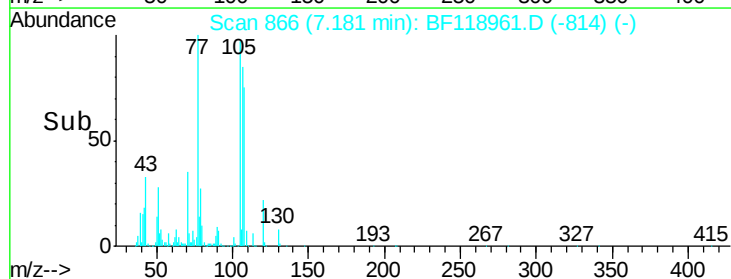
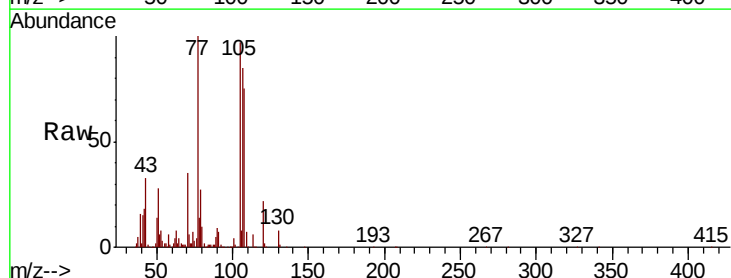
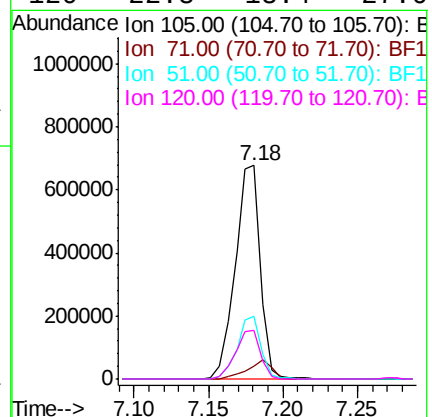
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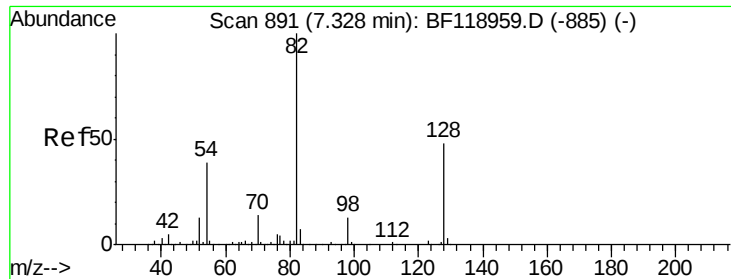
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#22
Acetophenone
Concen: 62.568 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		799208		
71	6.2		5.4	8.0	
51	29.4		22.5	33.7	
120	22.8		18.4	27.6	





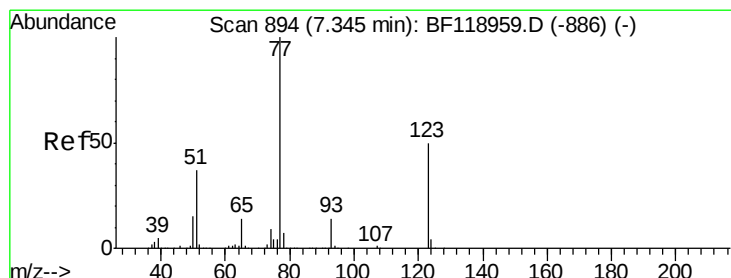
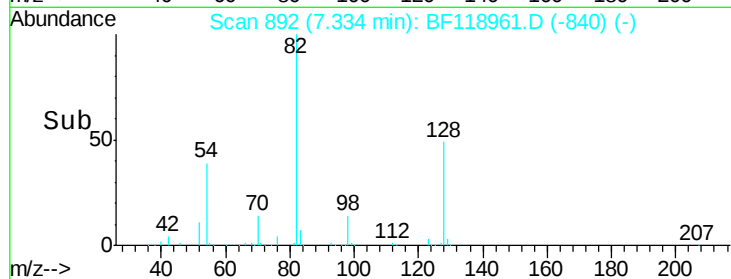
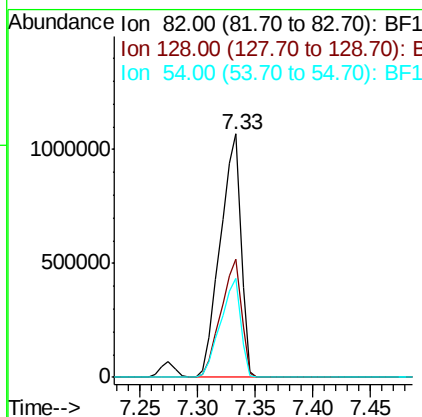
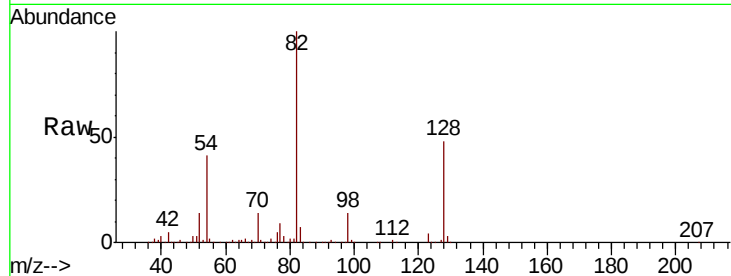
#23
 Nitrobenzene-d5
 Concen: 126.086 ng
 RT: 7.33 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF118961.D
 Acq: 20 Feb 2020 15:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	82	Resp	1330547
Ion Ratio	100	Lower	Upper
82	100		
128	48.5	38.2	57.2
54	40.5	31.3	46.9

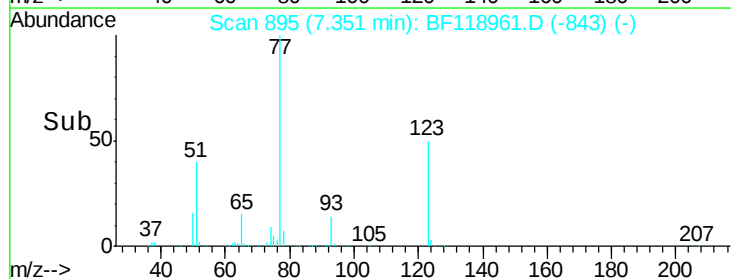
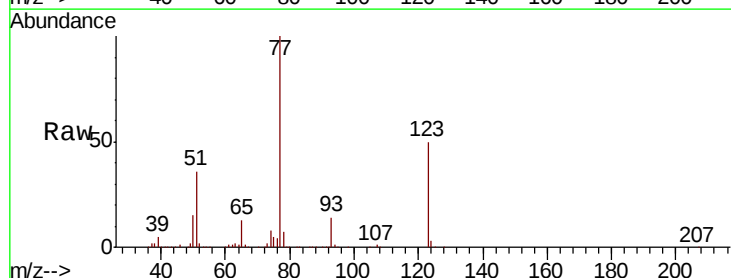
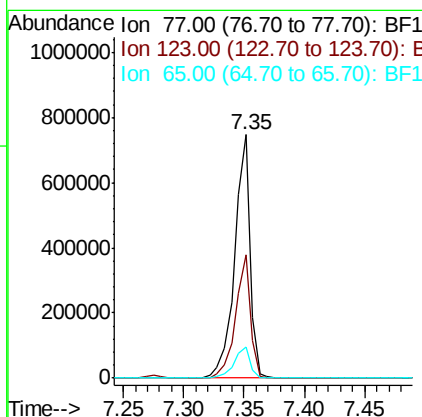
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#24
 Nitrobenzene
 Concen: 62.342 ng
 RT: 7.35 min Scan# 895
 Delta R.T. 0.01 min
 Lab File: BF118961.D
 Acq: 20 Feb 2020 15:24

Tgt Ion	77	Resp	666181
Ion Ratio	100	Lower	Upper
77	100		
123	50.4	40.1	60.1
65	13.0	10.9	16.3





#25

Isophorone

Concen: 61.168 ng

RT: 7.59 min Scan# 936

Delta R.T. 0.01 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 82 Resp: 1155809

Ion Ratio Lower Upper

82 100

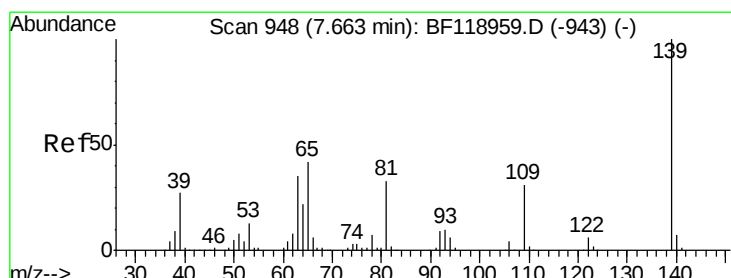
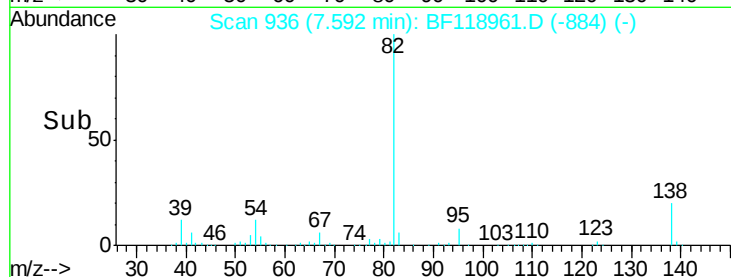
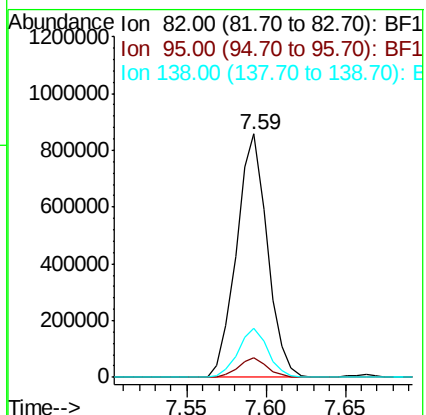
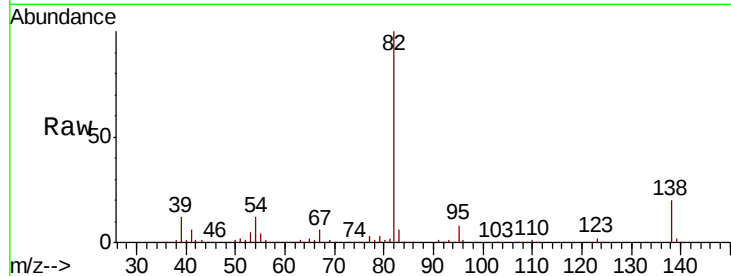
95 7.8 6.1 9.1

138 20.3 15.8 23.6

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#26

2-Nitrophenol

Concen: 62.876 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

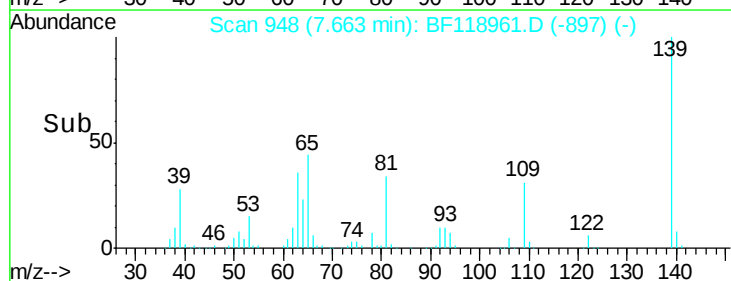
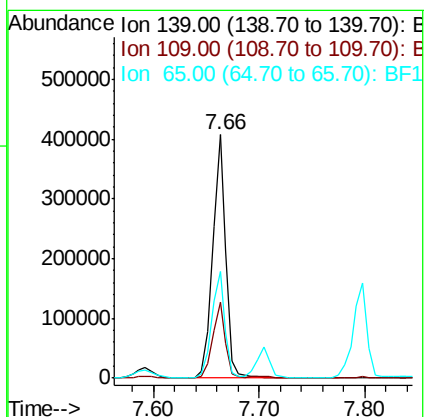
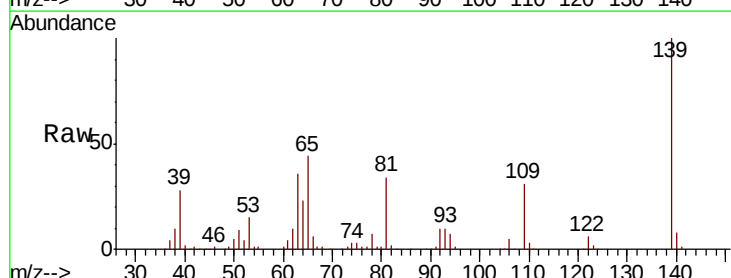
Tgt Ion: 139 Resp: 358818

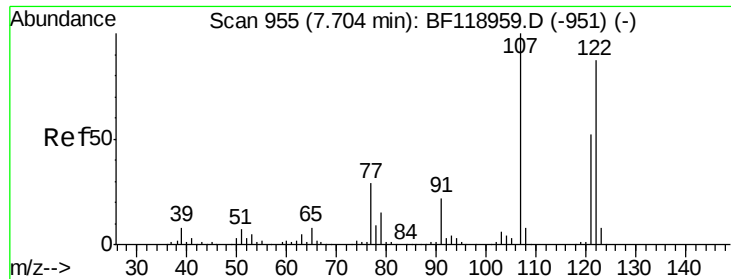
Ion Ratio Lower Upper

139 100

109 31.0 24.6 36.8

65 44.1 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 63.112 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

Instrument :

BNA_F

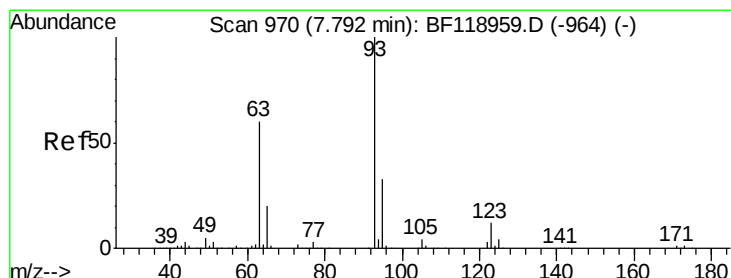
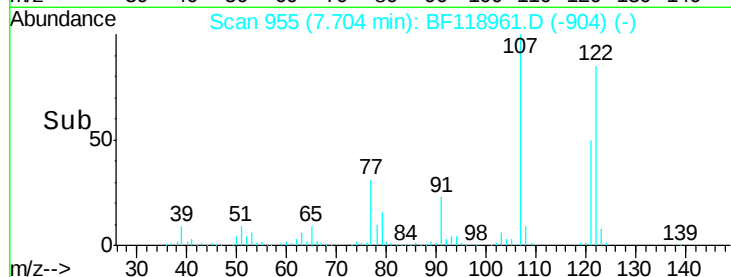
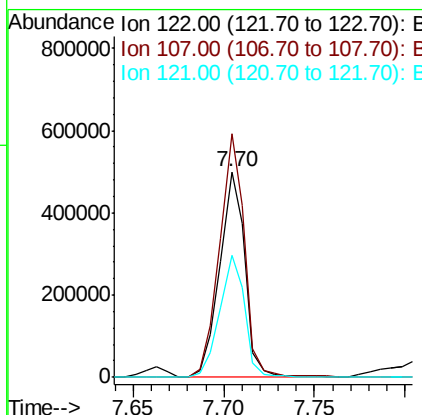
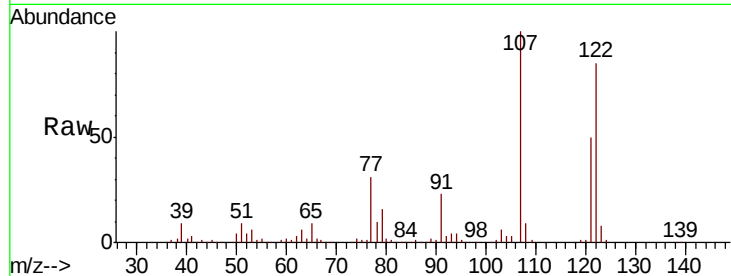
ClientSampleId :

SSTDICC060

Tot Ion:	122	Resp:	482019
Ion	Ratio	Lower	Upper
122	100		
107	118.3	91.8	137.8
121	59.4	47.4	71.0

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#28

bis(2-Chloroethoxy)methane

Concen: 60.515 ng

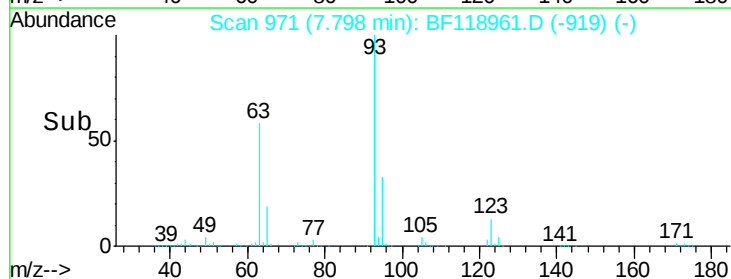
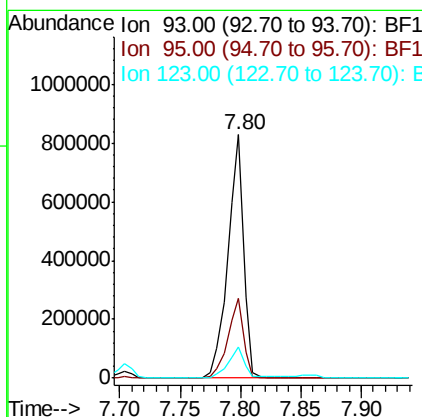
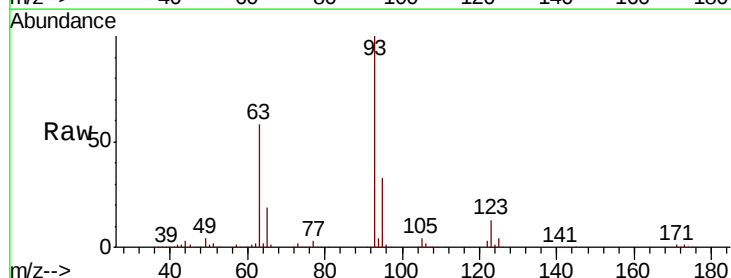
RT: 7.80 min Scan# 971

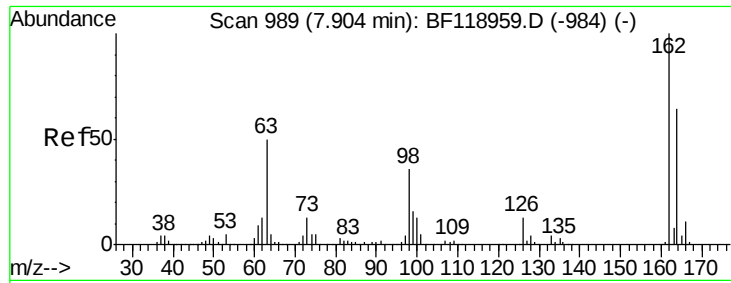
Delta R.T. 0.01 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

Tgt Ion:	93	Resp:	748028
Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.3	39.5
123	12.7	9.8	14.8





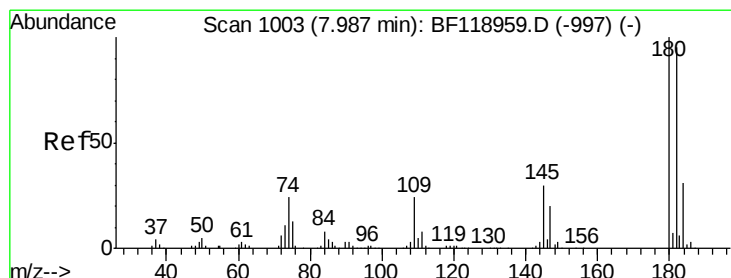
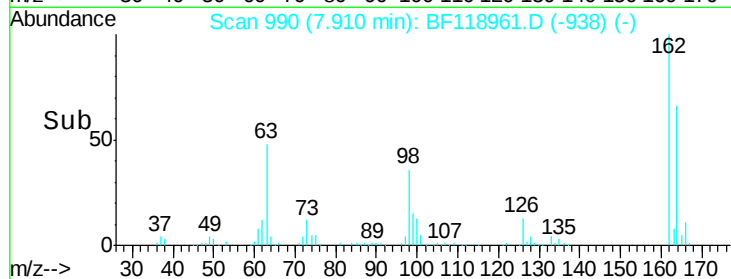
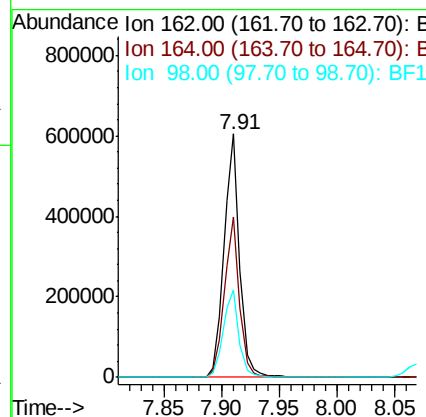
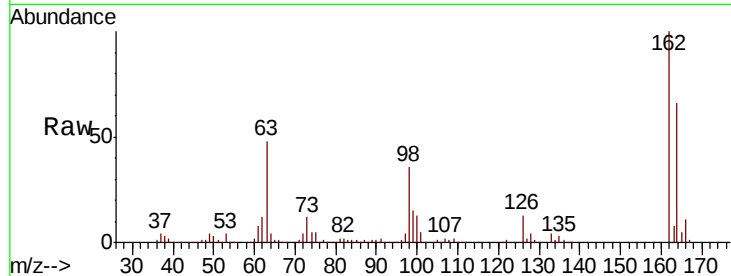
#29
 2,4-Dichlorophenol
 Concen: 61.580 ng
 RT: 7.91 min Scan# 990
 Delta R.T. 0.01 min
 Lab File: BF118961.D
 Acq: 20 Feb 2020 15:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.7	44.1	84.1
98	35.8	16.4	56.4

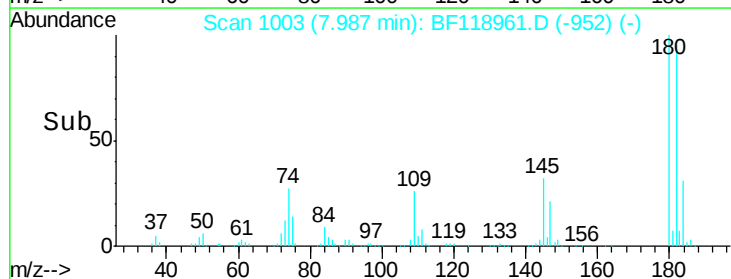
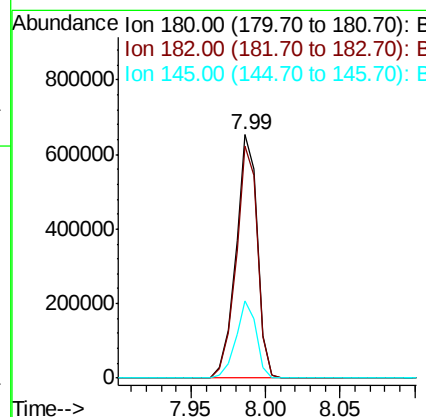
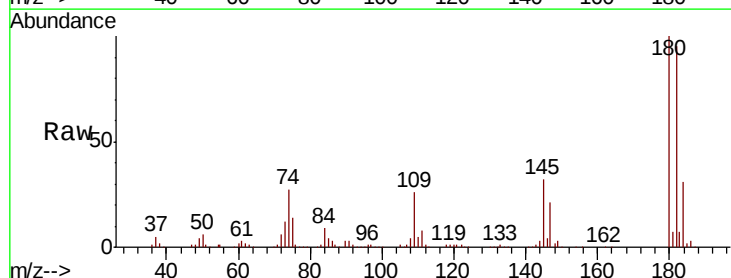
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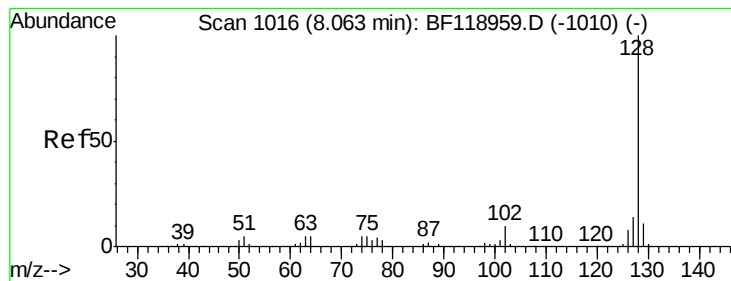
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 61.659 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BF118961.D
 Acq: 20 Feb 2020 15:24

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.2	75.8	113.8
145	31.6	24.2	36.2





#31

Naphthalene

Concen: 60.625 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.01 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:128 Resp: 1803211

Ion Ratio Lower Upper

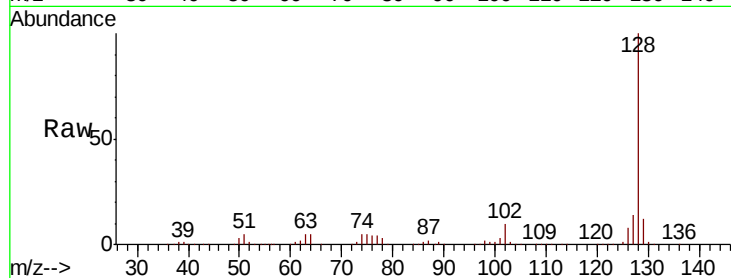
128 100

129 11.5 9.0 13.4

127 14.1 10.9 16.3

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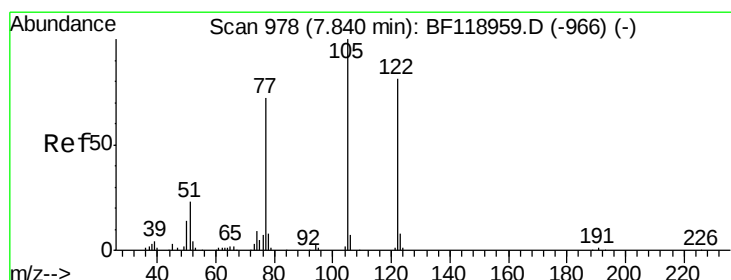
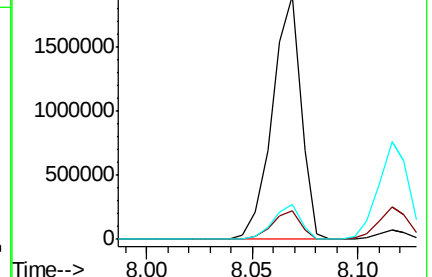
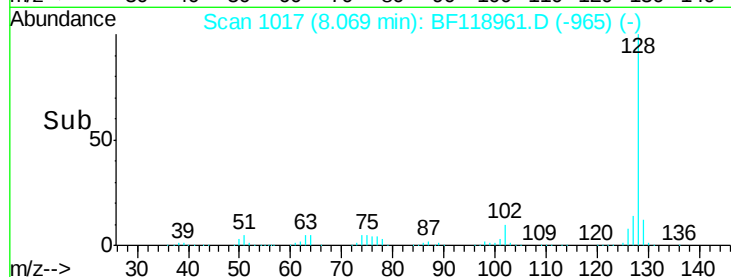
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 63.839 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.02 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

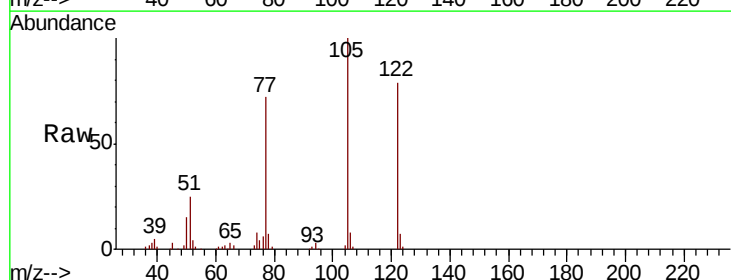
Tgt Ion:122 Resp: 352214

Ion Ratio Lower Upper

122 100

105 127.2 102.2 142.2

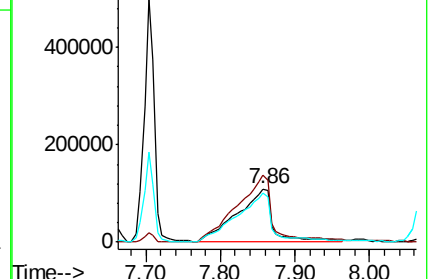
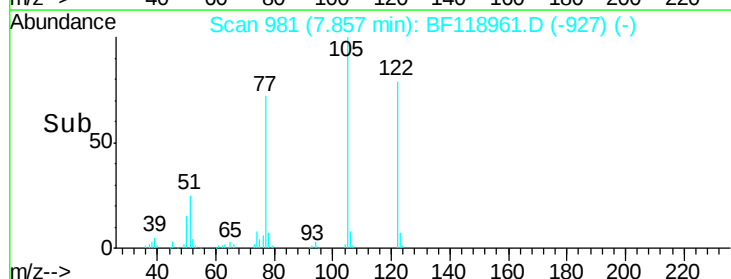
77 91.8 68.6 108.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





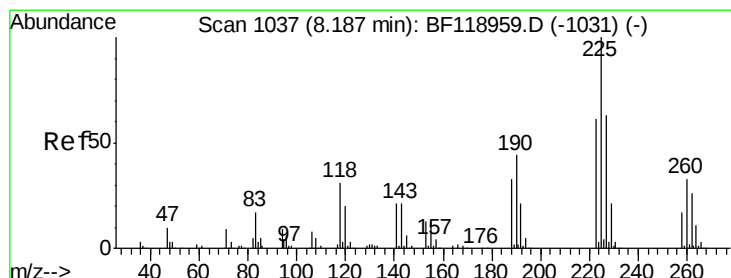
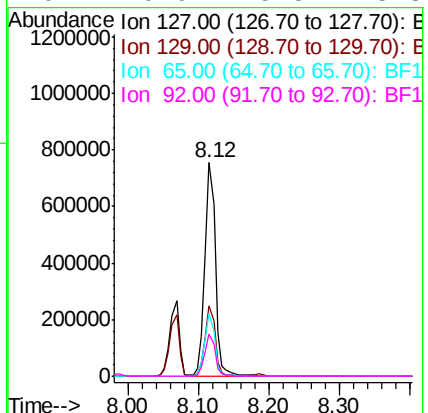
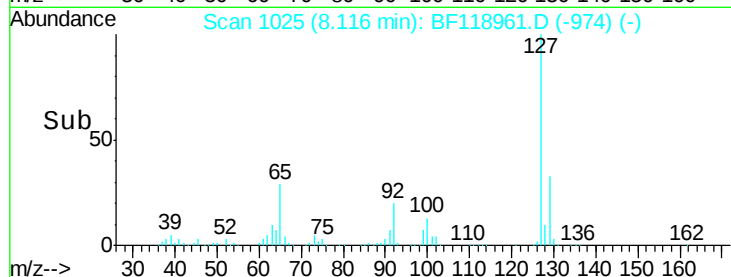
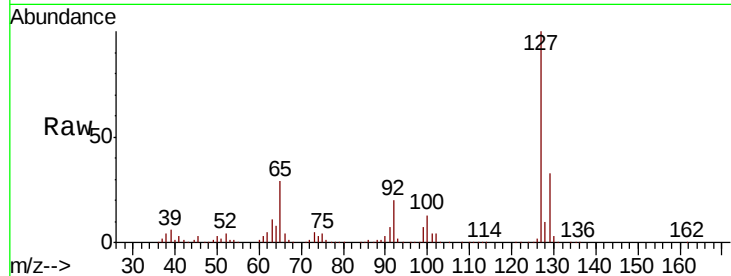
#33
4-Chloroaniline
Concen: 61.837 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	29.1	22.0	33.0
92	19.9	15.5	23.3

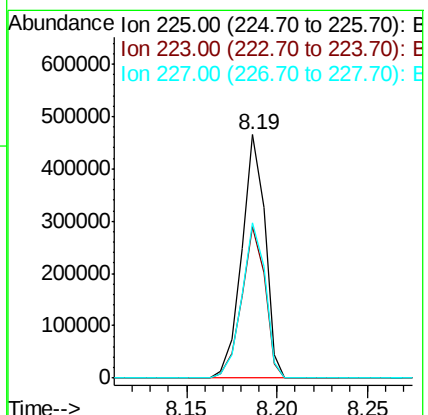
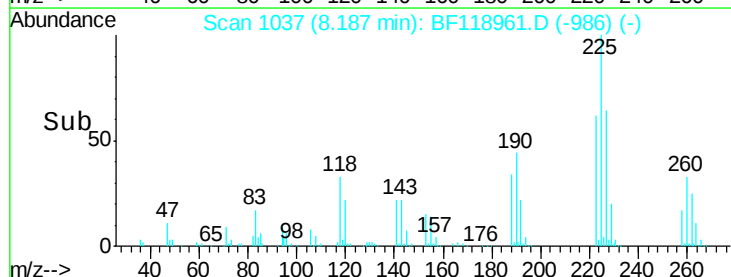
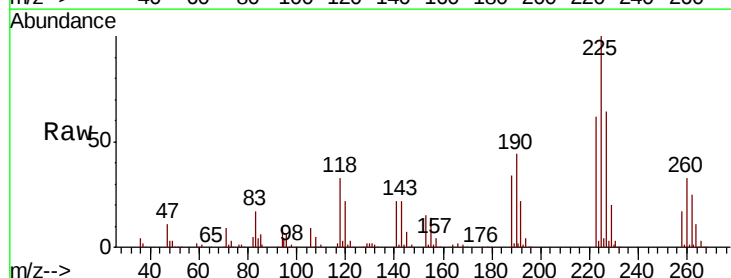
Manual Integrations
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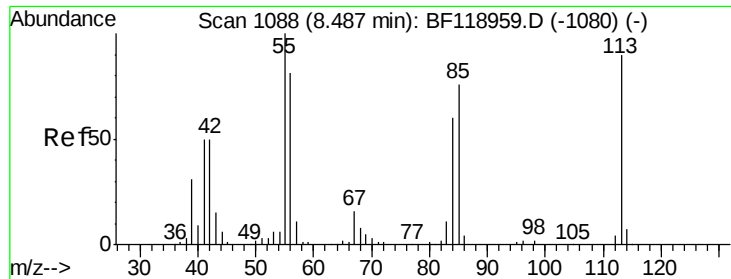
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#34
Hexachlorobutadiene
Concen: 62.690 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	48.9	73.3
227	63.6	50.4	75.6





#35

Caprolactam

Concen: 63.182 ng/mL

RT: 8.50 min Scan# 1091

Delta R.T. 0.02 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

Instrument :

BNA_F

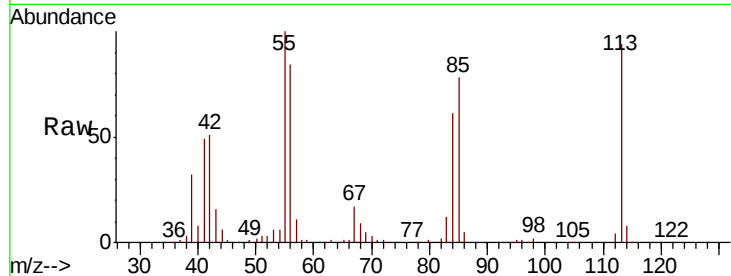
ClientSampleId :

SSTDICC060

Tot Ion:	113	Resp:	174118
Ion Ratio	Lower	Upper	
113	100		
55	106.4	90.8	130.8
56	89.3	70.0	110.0

Manual Integrations
APPROVED

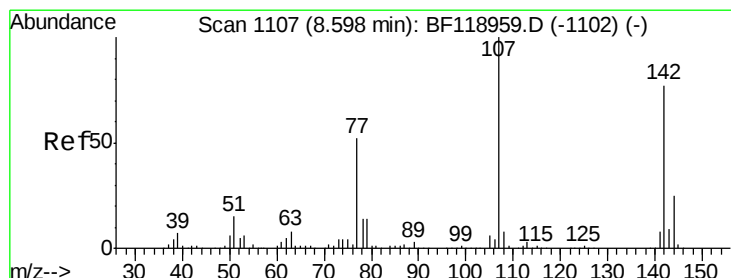
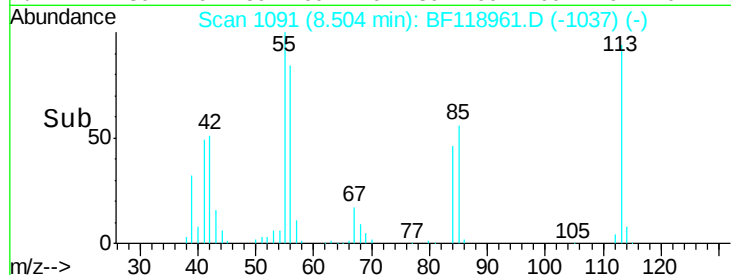
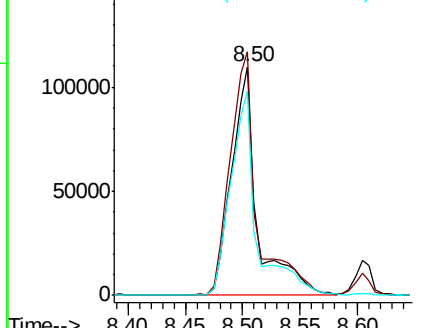
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 62.332 ng/mL

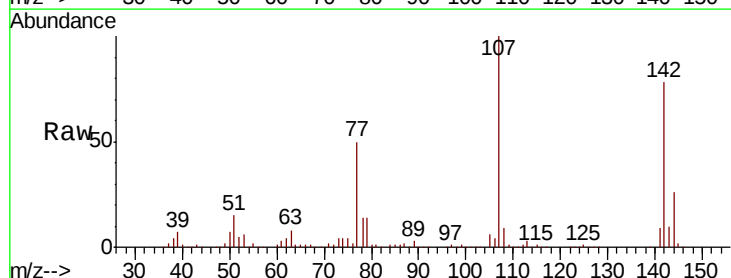
RT: 8.60 min Scan# 1108

Delta R.T. 0.01 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

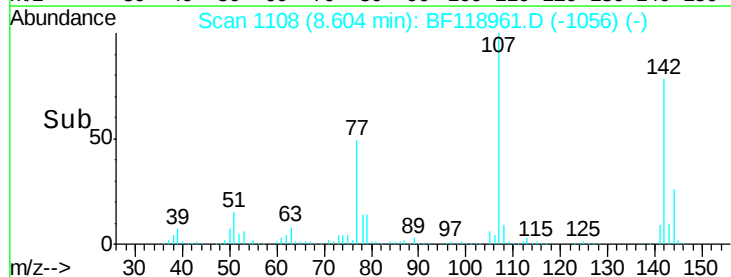
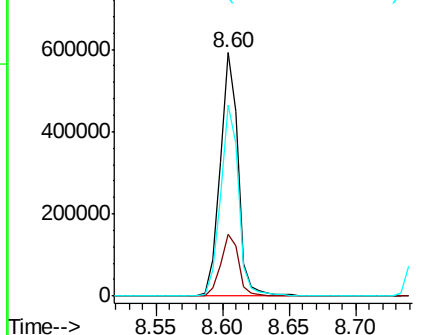
Tgt Ion:	107	Resp:	567329
Ion Ratio	Lower	Upper	
107	100		
144	25.7	19.8	29.8
142	78.3	61.3	91.9

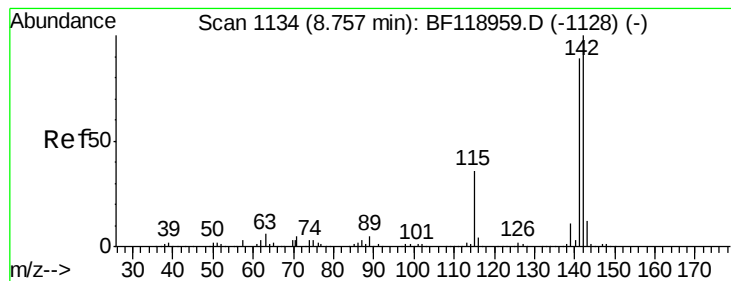


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





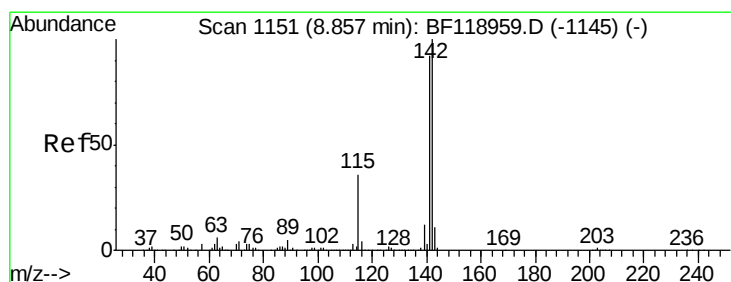
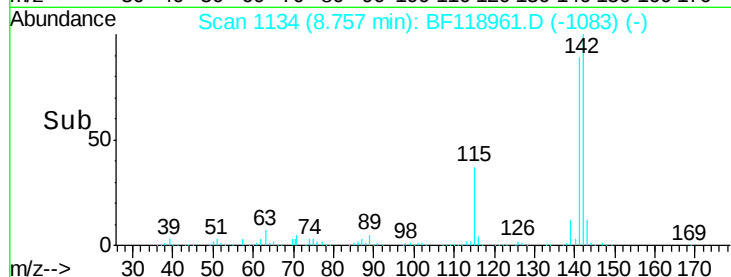
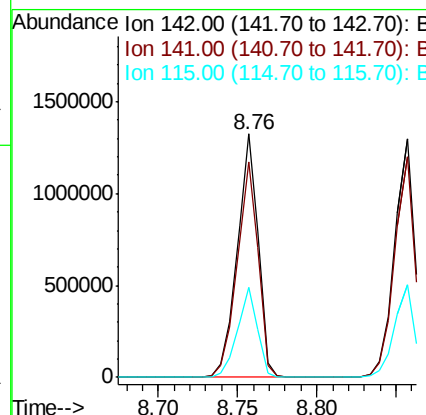
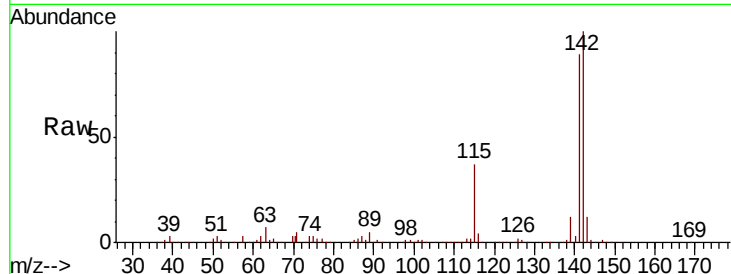
#37
2-Methylnaphthalene
Concen: 60.888 ng
RT: 8.76 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.0	106.4
115	36.8	28.6	42.8

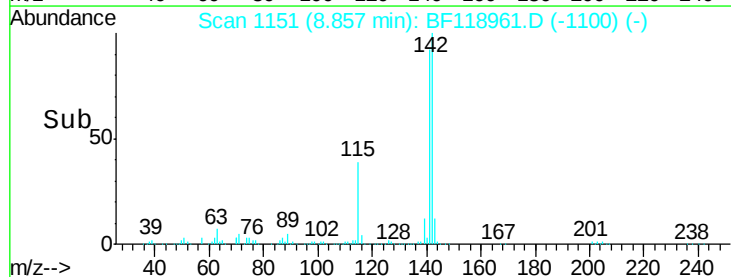
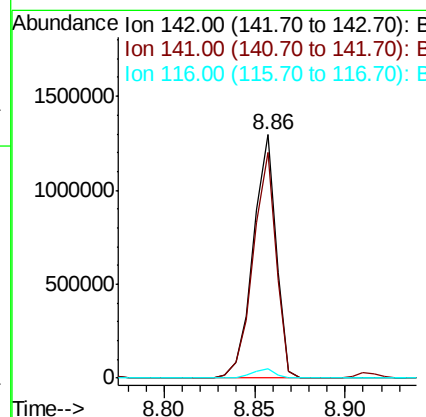
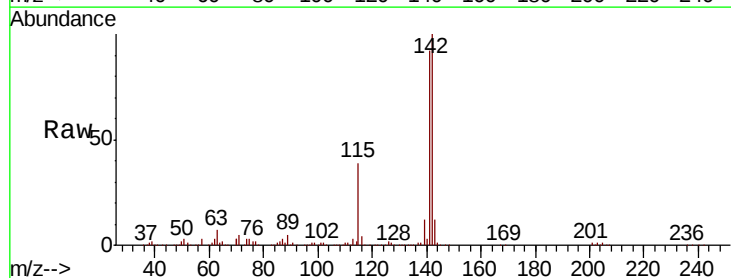
Manual Integrations
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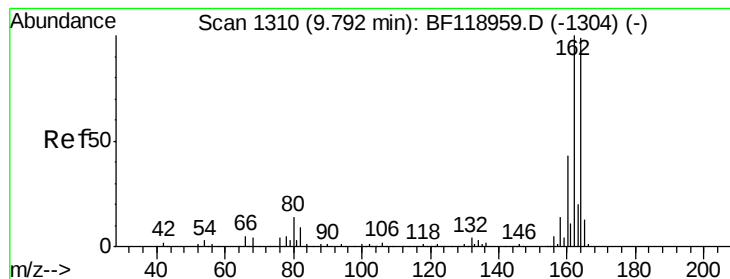
mohammad
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#38
1-Methylnaphthalene
Concen: 61.130 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.7	110.5
116	4.0	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

Instrument :

BNA_F

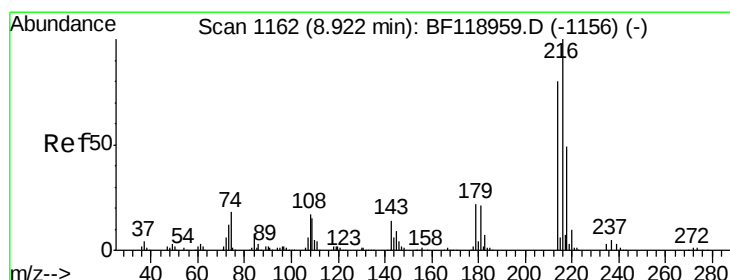
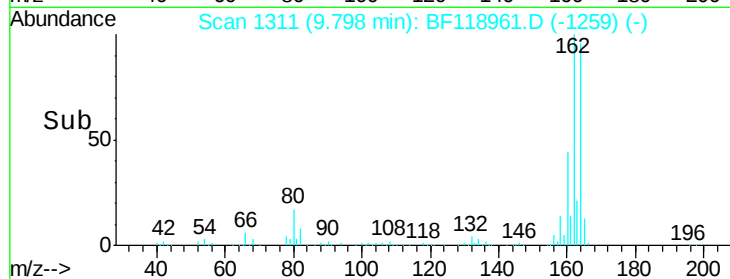
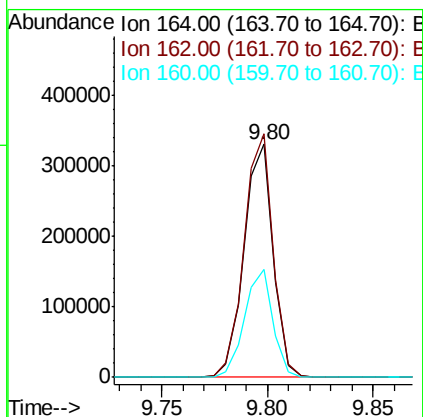
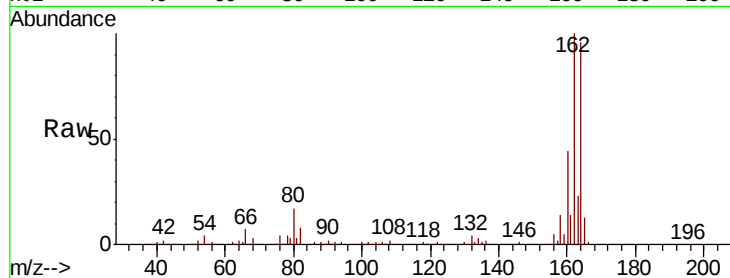
ClientSampleId :

SSTDICC060

Tot Ion:	164	Resp:	315456
Ion Ratio	Lower	Upper	
164	100		
162	104.4	81.2	121.8
160	46.3	35.2	52.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 62.938 ng

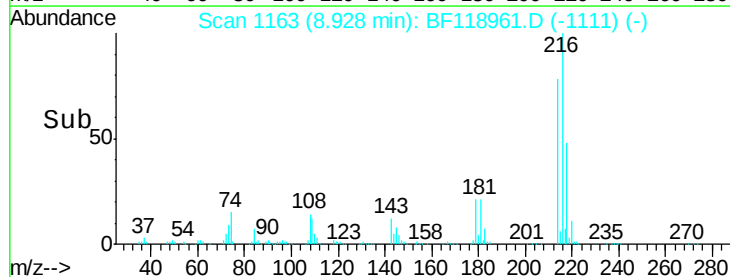
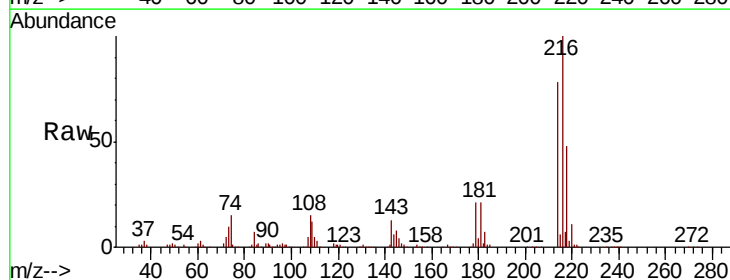
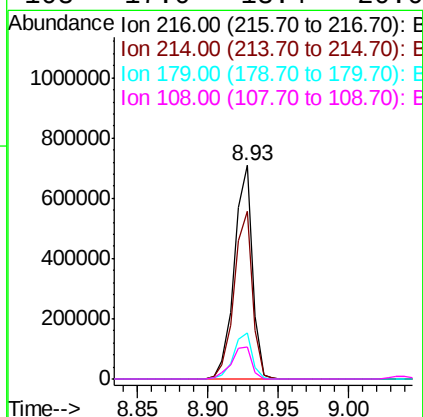
RT: 8.93 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

Tgt Ion:	216	Resp:	636952
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.1	94.7
179	21.7	17.2	25.8
108	17.0	13.4	20.0





#41

Hexachlorocyclopentadiene

Concen: 73.536 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

Instrument :

BNA_F

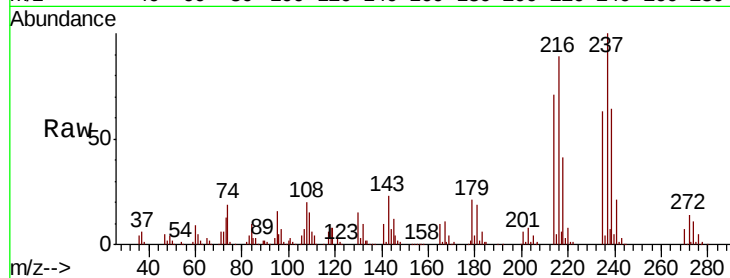
ClientSampleId :

SSTDIC060

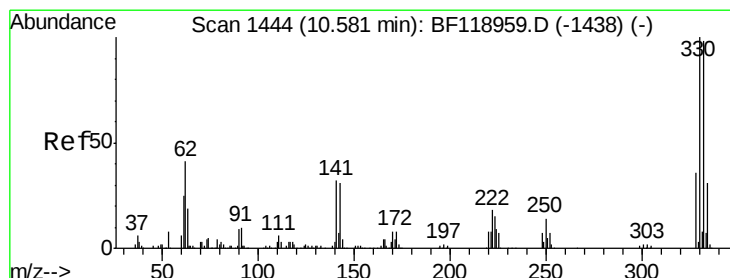
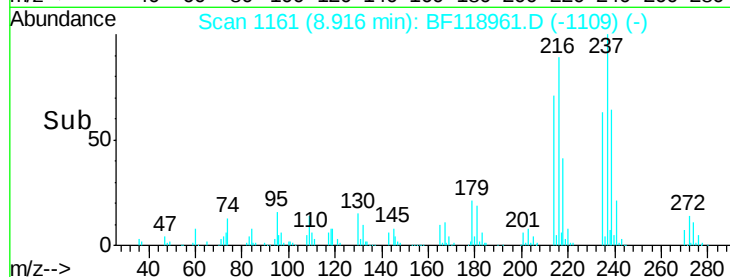
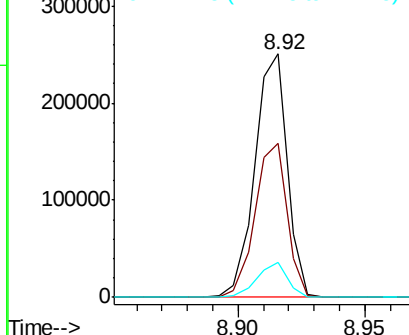
Tot Ion:	237	Resp:	223307
Ion Ratio	Lower	Upper	
237	100		
235	63.4	39.4	79.4
272	14.2	0.0	32.6

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



#42

2,4,6-Tribromophenol

Concen: 126.846 ng

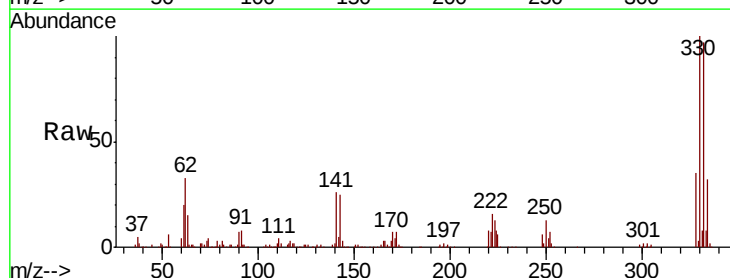
RT: 10.59 min Scan# 1445

Delta R.T. 0.01 min

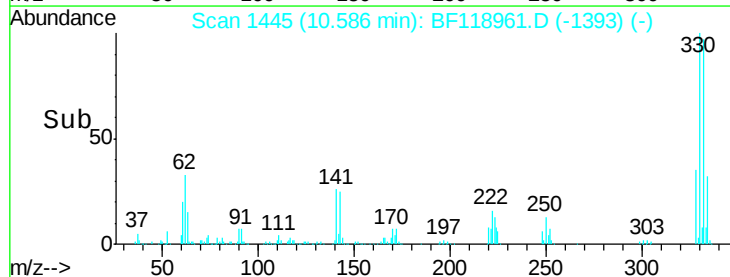
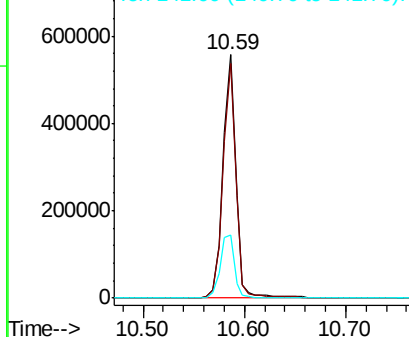
Lab File: BF118961.D

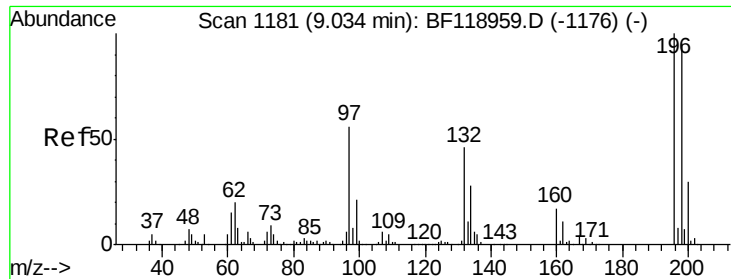
Acq: 20 Feb 2020 15:24

Tgt Ion:	330	Resp:	495711
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.1	115.7
141	28.9	23.0	34.6



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





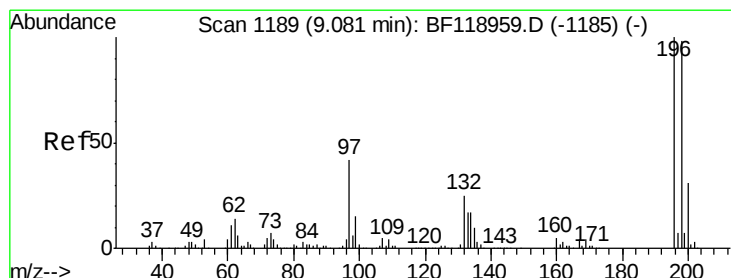
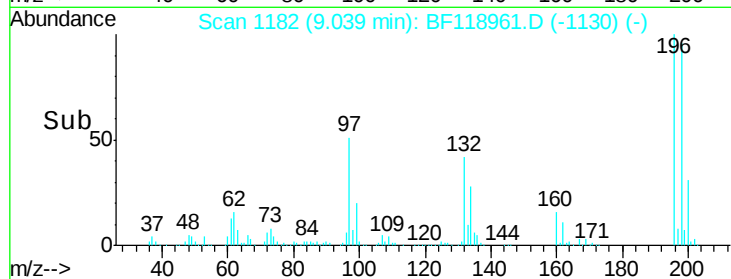
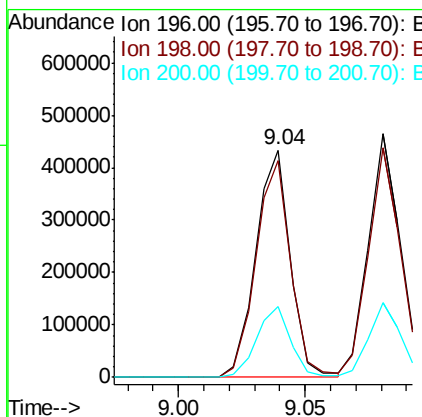
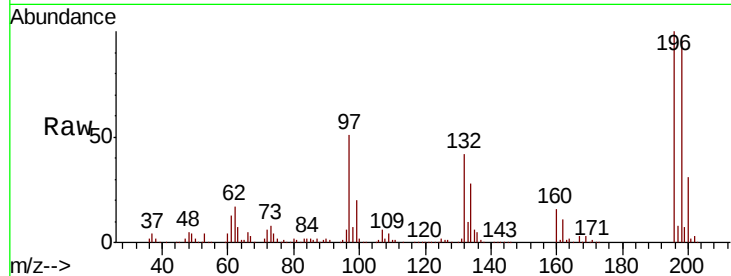
#43
 2,4,6-Trichlorophenol
 Concen: 61.480 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: BF118961.D
 Acq: 20 Feb 2020 15:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
196	100	410604		
198	95.7	75.8	113.6	
200	31.1	24.1	36.1	

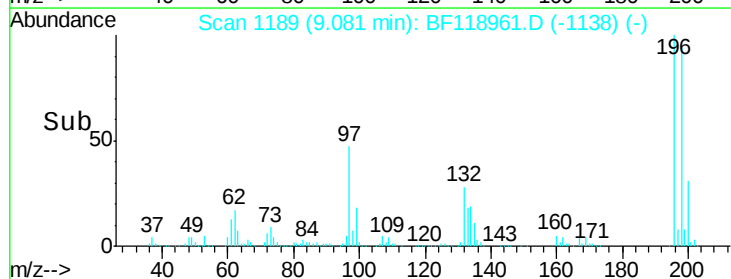
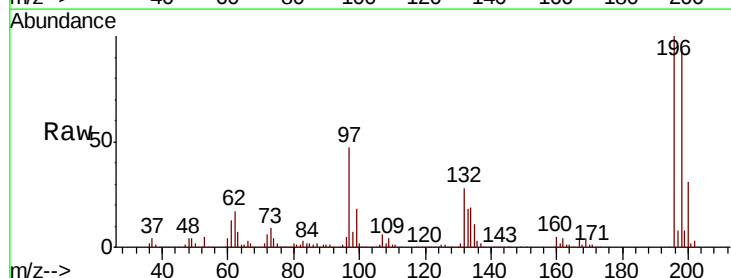
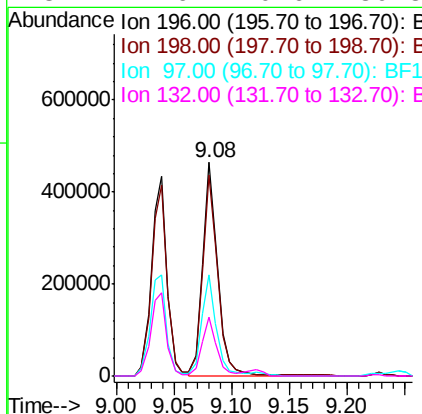
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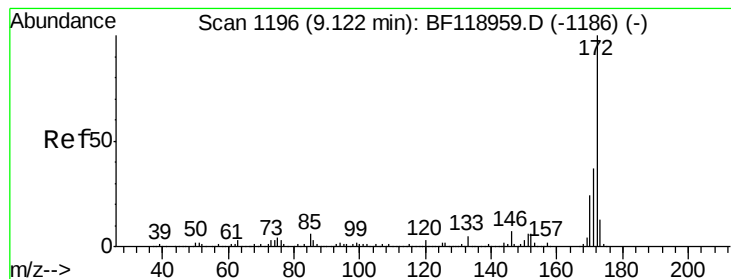
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 62.016 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF118961.D
 Acq: 20 Feb 2020 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	429437		
198	94.4	78.4	117.6	
97	47.2	33.4	50.0	
132	27.6	20.6	30.8	





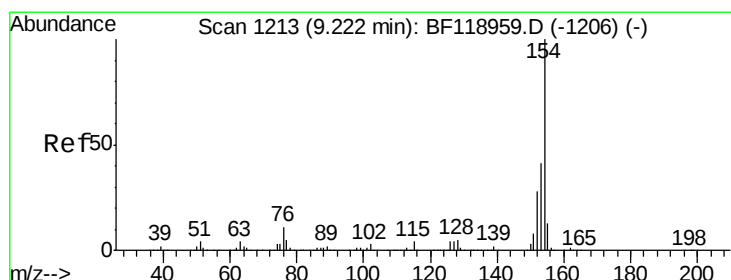
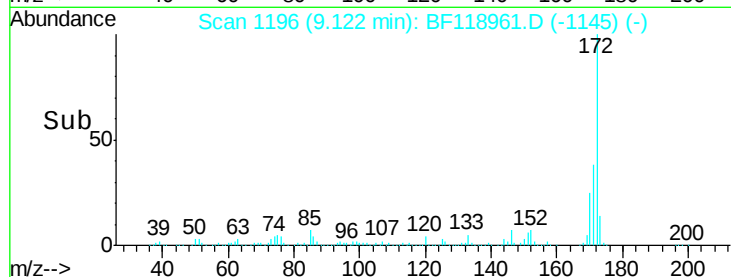
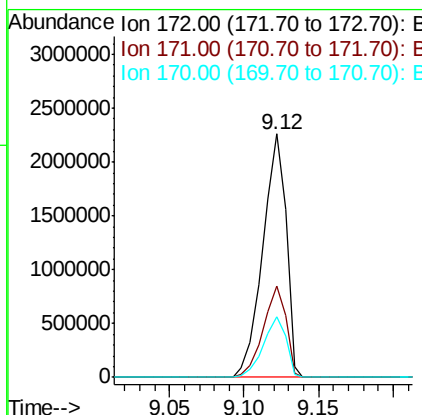
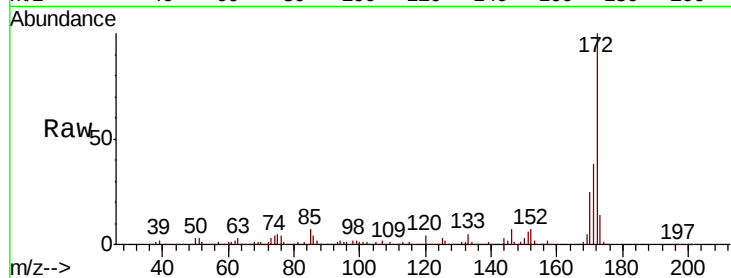
#45
 2-Fluorobiphenyl
 Concen: 124.246 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF118961.D
 Acq: 20 Feb 2020 15:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.4	44.2
170	24.9	19.6	29.4

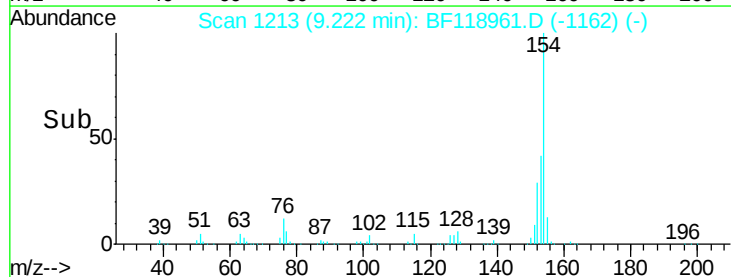
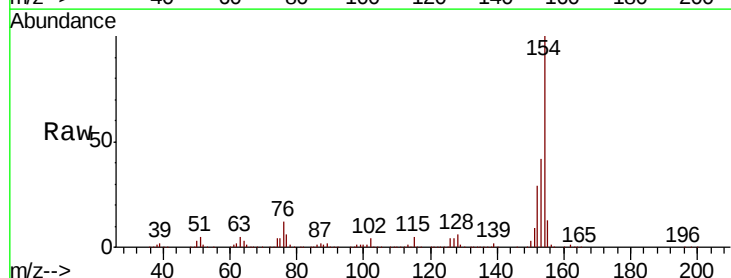
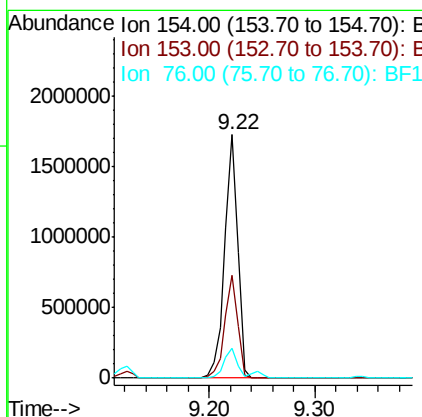
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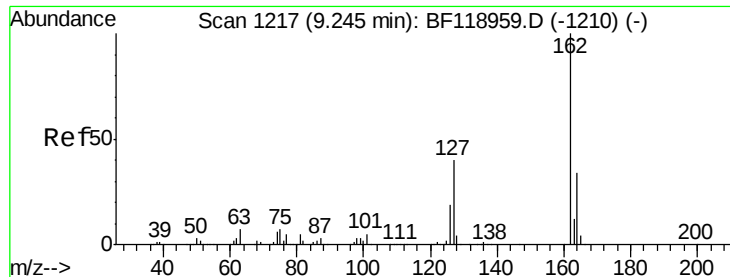
mohammad
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#46
 1,1'-Biphenyl
 Concen: 61.975 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF118961.D
 Acq: 20 Feb 2020 15:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	21.2	61.2
76	12.2	0.0	31.1





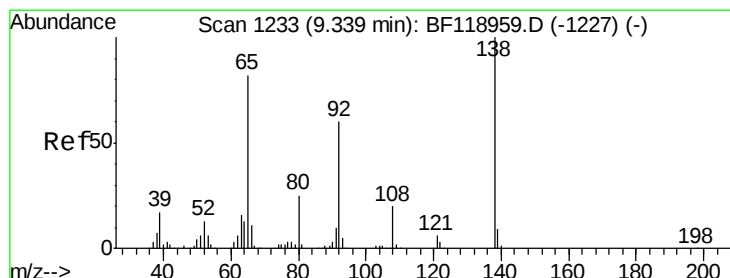
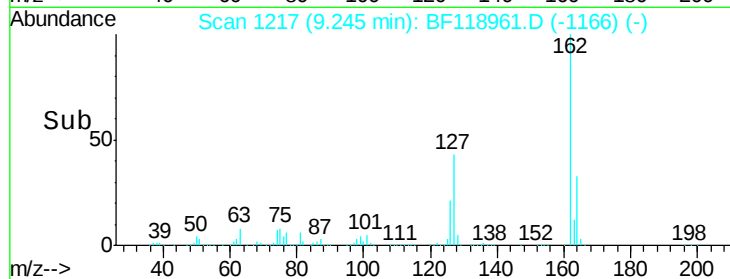
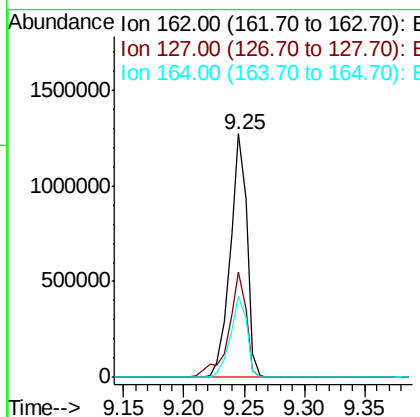
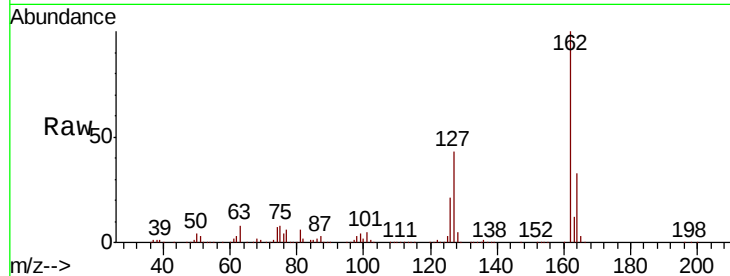
#47
 2-Chloronaphthalene
 Concen: 60.820 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF118961.D
 Acq: 20 Feb 2020 15:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.3	31.9	47.9
164	33.3	26.8	40.2

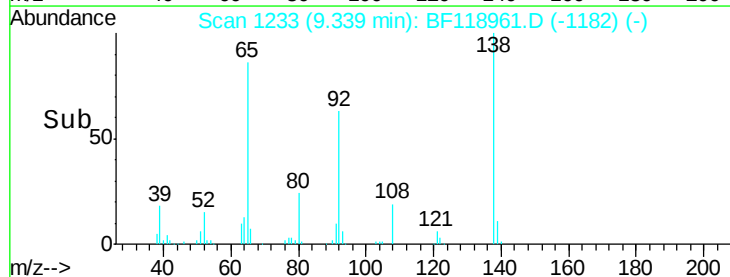
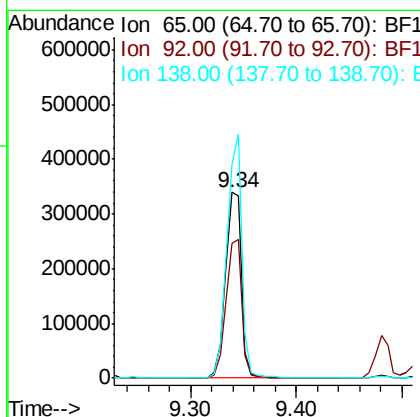
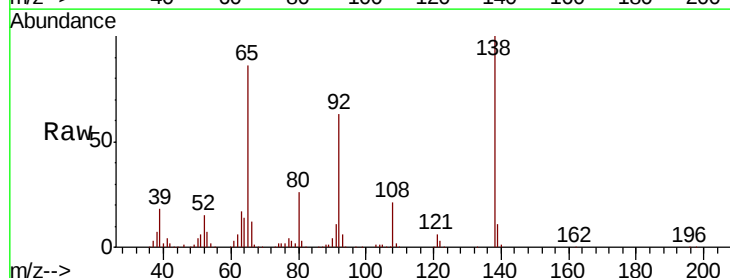
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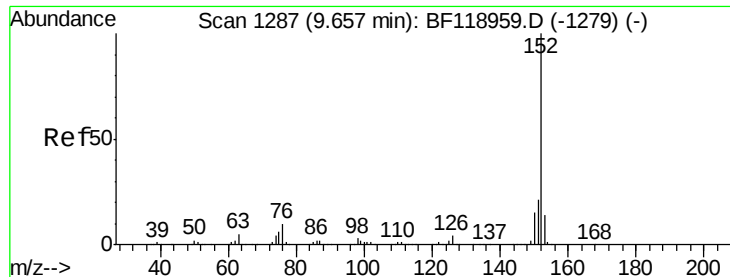
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#48
 2-Nitroaniline
 Concen: 63.071 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF118961.D
 Acq: 20 Feb 2020 15:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	58.6	87.8
138	115.8	97.5	146.3





#49

Acenaphthylene

Concen: 61.845 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:152 Resp: 1777272

Ion Ratio Lower Upper

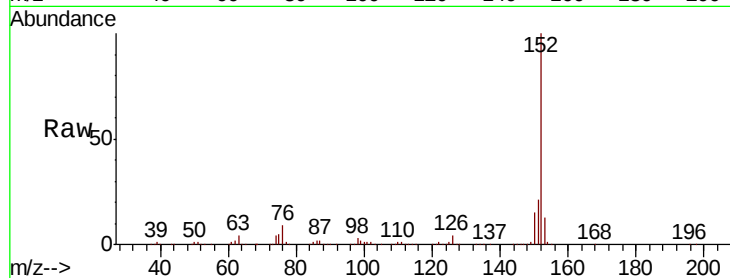
152 100

151 20.9 16.7 25.1

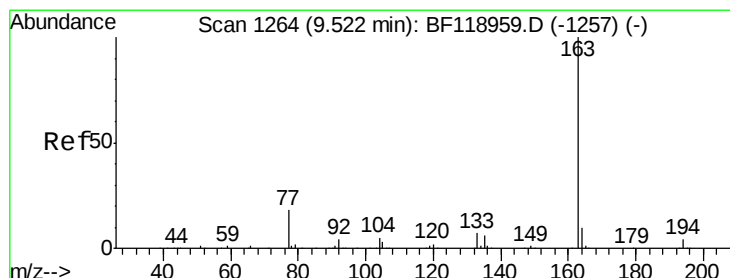
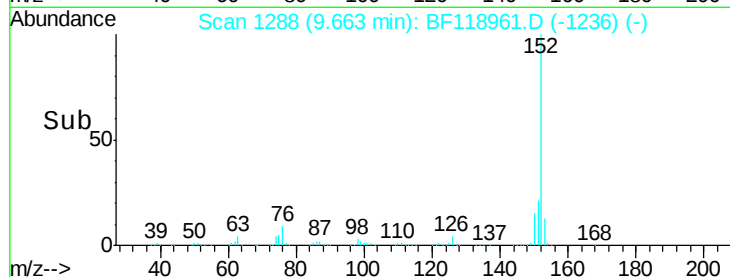
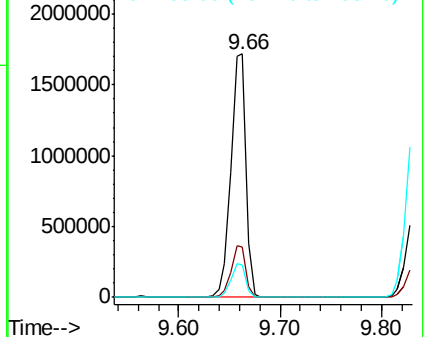
153 13.3 10.9 16.3

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



#50

Dimethylphthalate

Concen: 60.725 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

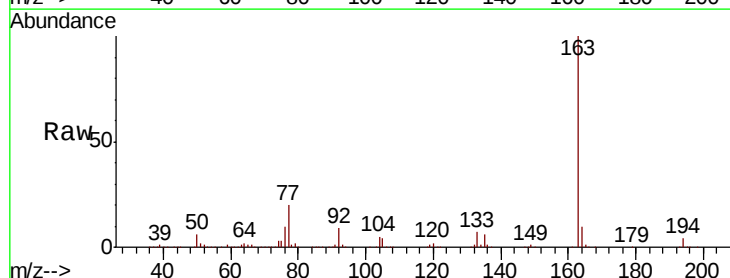
Tgt Ion:163 Resp: 1446273

Ion Ratio Lower Upper

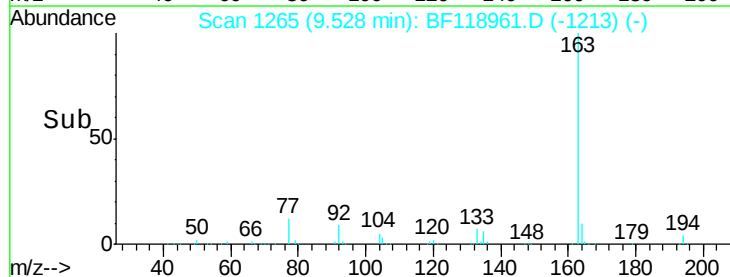
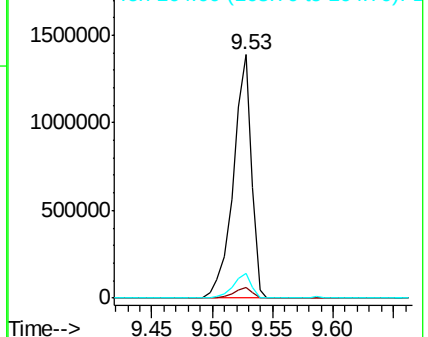
163 100

194 4.5 3.4 5.2

164 10.1 8.2 12.2



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





#51

2,6-Dinitrotoluene

Concen: 61.046 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

Instrument :

BNA_F

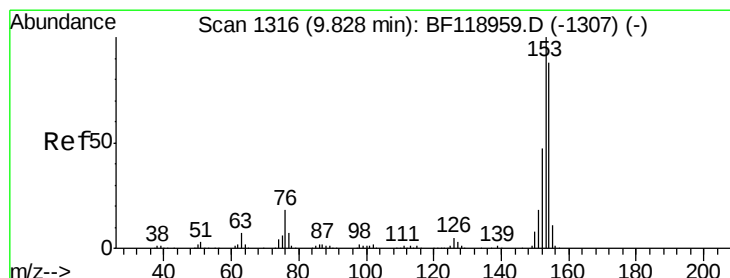
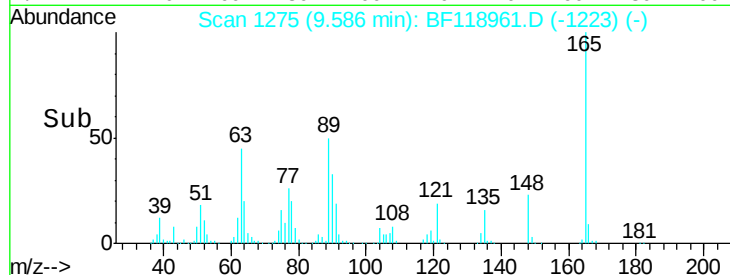
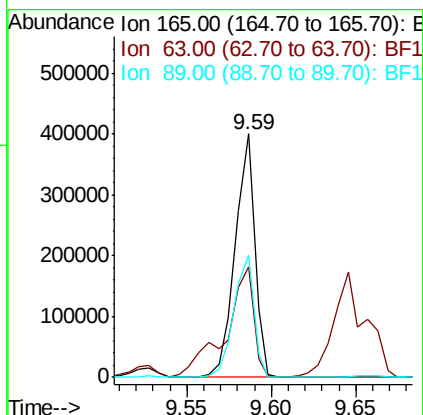
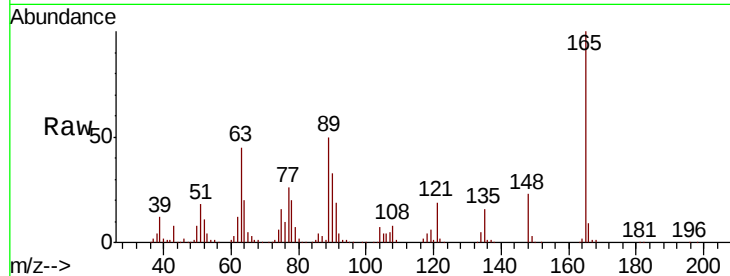
ClientSampleId :

SSTDICC060

Tot Ion:	165	Resp:	324741
Ion Ratio	Lower	Upper	
165	100		
63	45.1	37.9	56.9
89	50.0	41.4	62.0

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#52

Acenaphthene

Concen: 60.902 ng

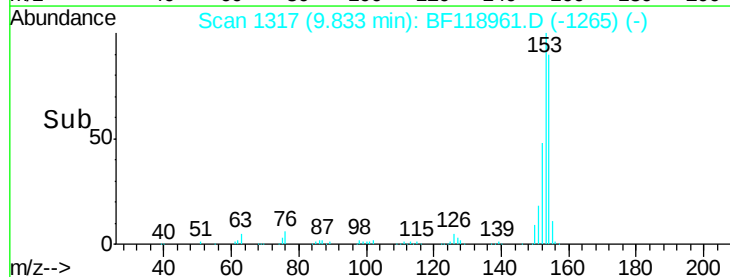
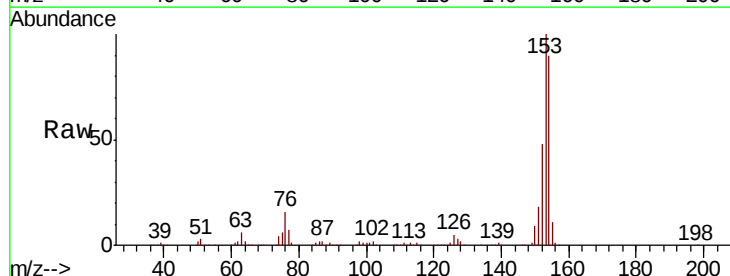
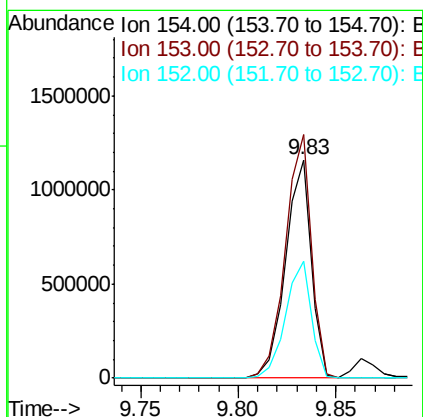
RT: 9.83 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

Tgt Ion:	154	Resp:	1065394
Ion Ratio	Lower	Upper	
154	100		
153	111.5	90.4	135.6
152	53.4	42.9	64.3





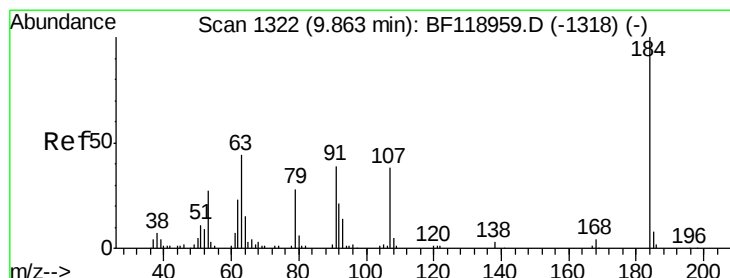
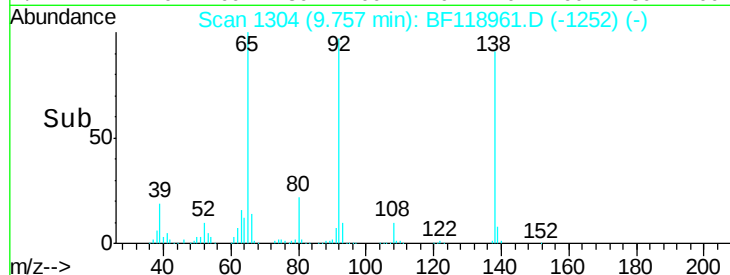
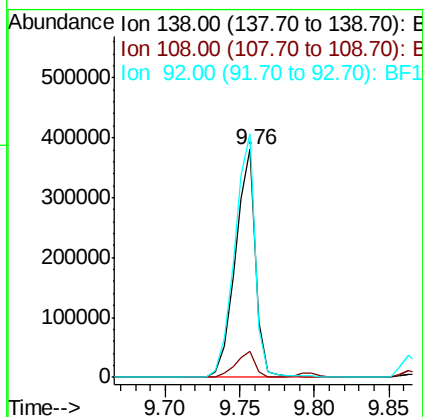
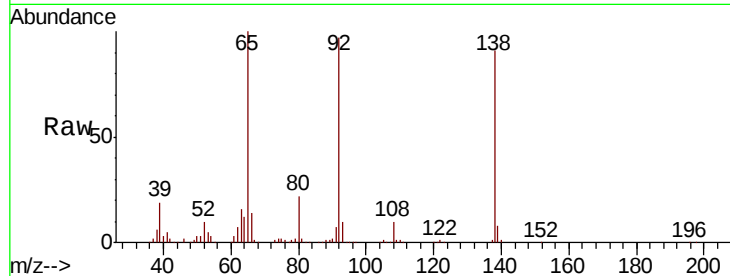
#53
3-Nitroaniline
Concen: 61.707 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.6	13.0
92	106.8	84.6	127.0

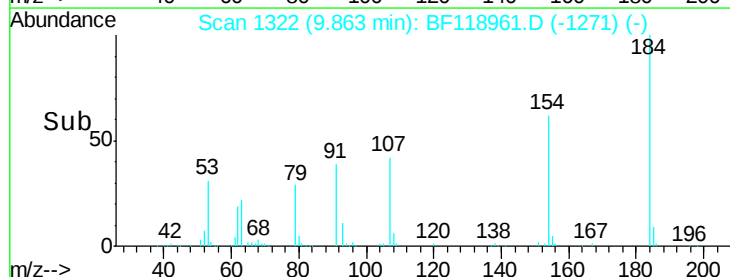
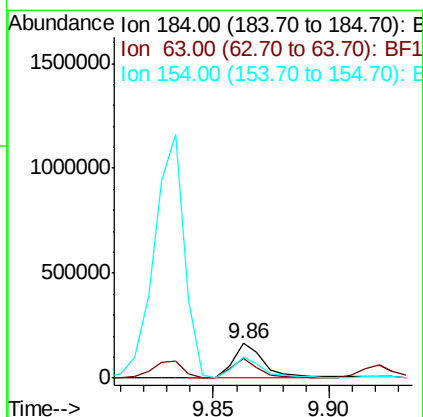
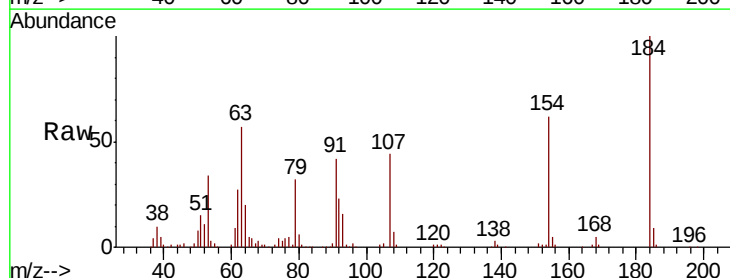
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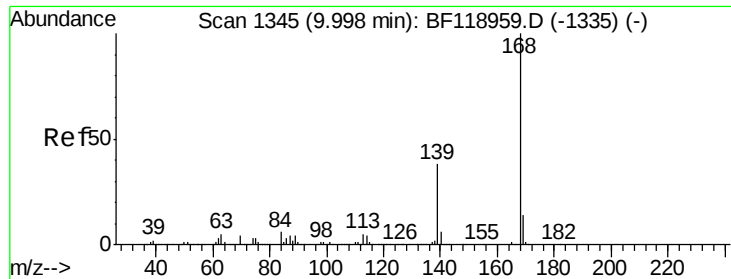
mohammad
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#54
2,4-Dinitrophenol
Concen: 64.651 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.5	37.8	56.6#
154	61.9	47.6	71.4





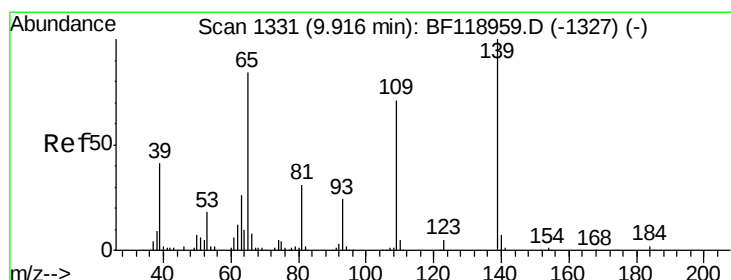
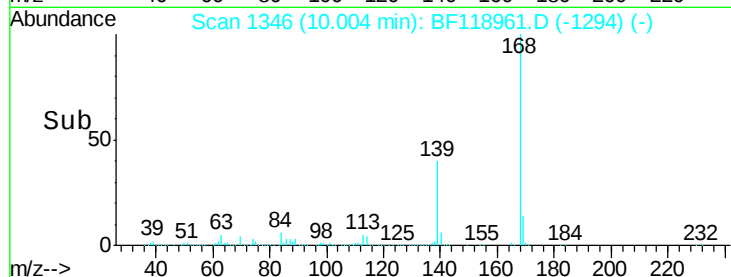
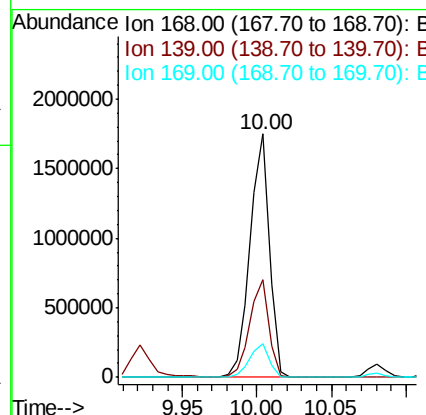
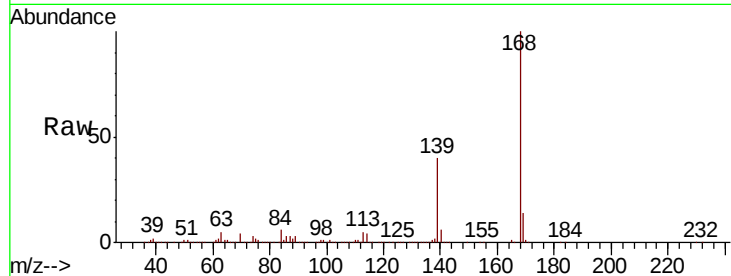
#55
Dibenzenofuran
Concen: 60.409 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	31.7	47.5
169	14.0	11.0	16.4

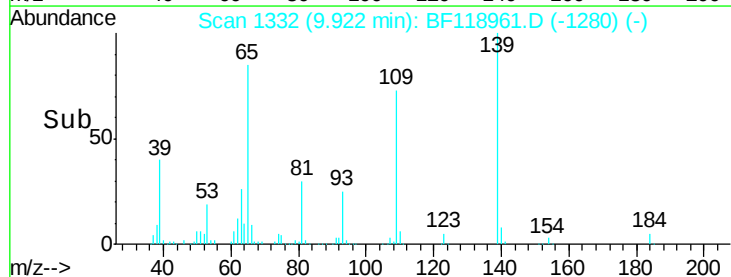
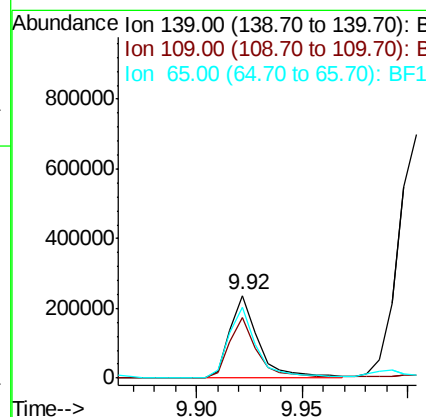
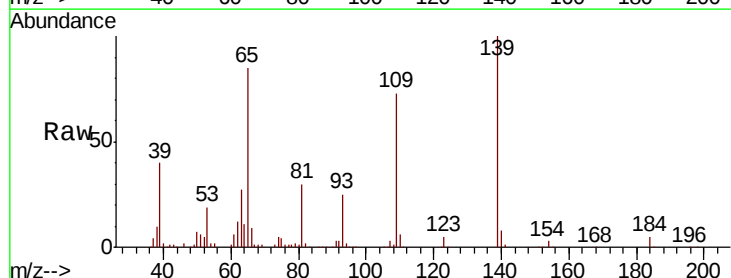
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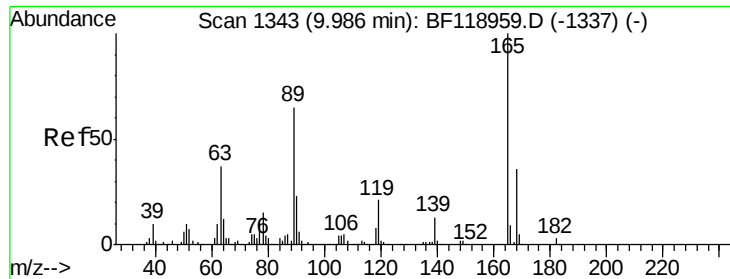
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#56
4-Nitrophenol
Concen: 62.644 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.8	51.1	91.1
65	85.3	64.7	104.7





#57

2,4-Dinitrotoluene

Concen: 61.719 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

Instrument :

BNA_F

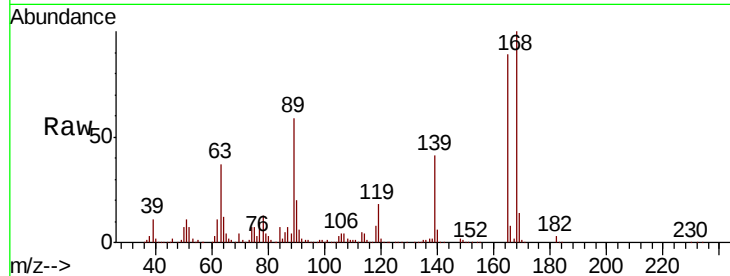
ClientSampleId :

SSTDIC060

Tot Ion:	165	Resp:	424713
Ion Ratio	Lower	Upper	
165	100		
63	41.0	29.8	44.8
89	65.6	51.9	77.9
182	3.0	2.3	3.5

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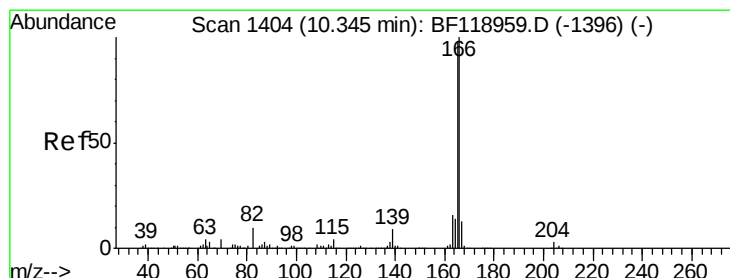
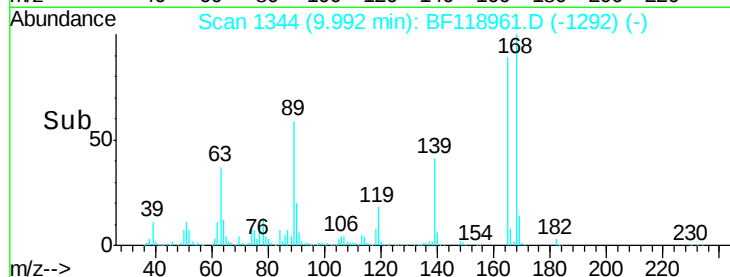
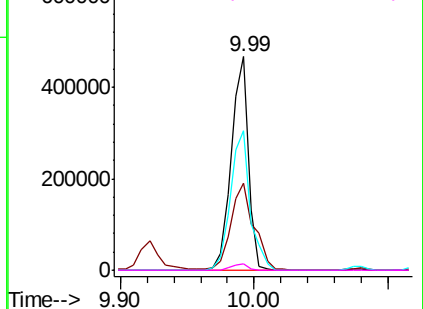


Abundance Ion 165.00 (164.70 to 165.70): E

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: 60.061 ng

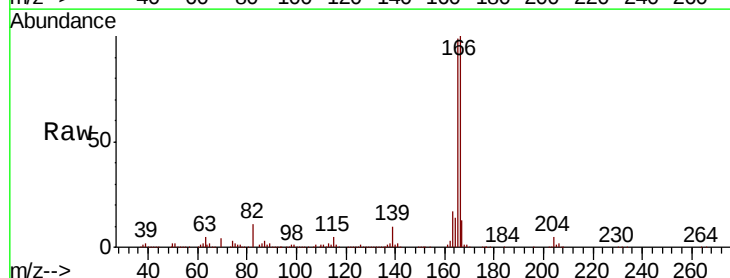
RT: 10.35 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

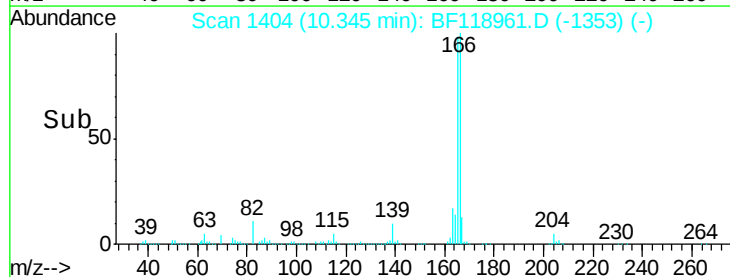
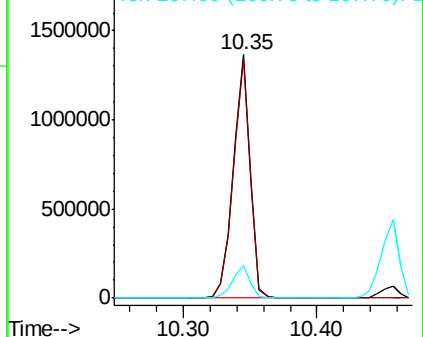
Tgt Ion:	166	Resp:	1215500
Ion Ratio	Lower	Upper	
166	100		
165	98.5	78.2	117.4
167	13.4	10.6	16.0

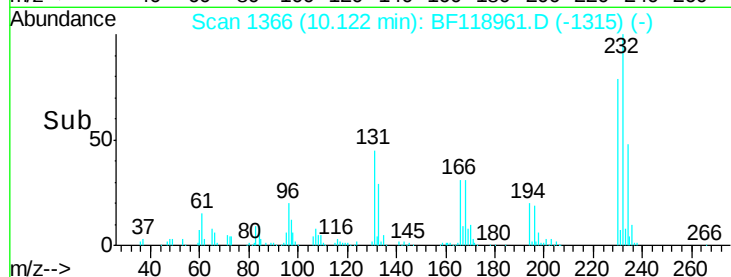
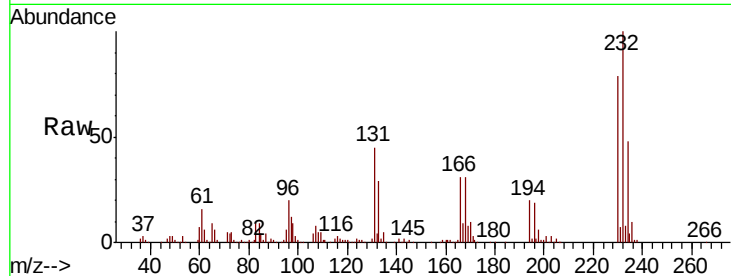
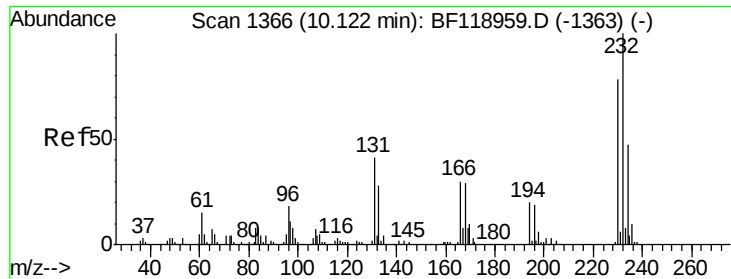


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





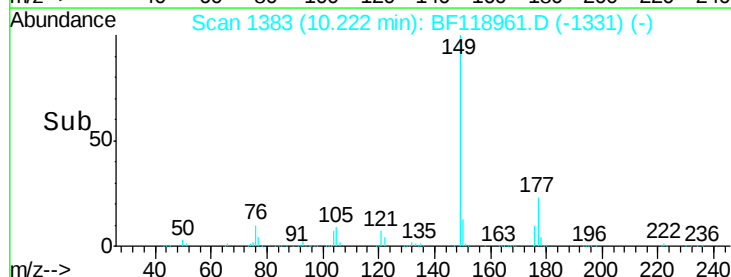
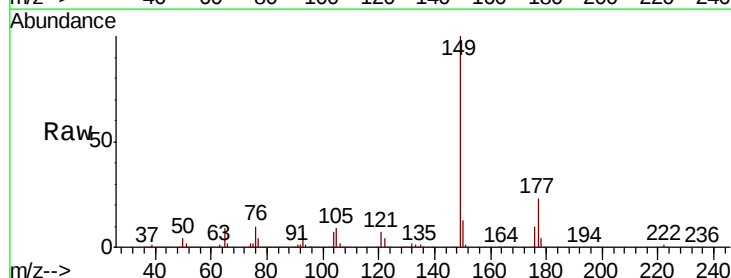
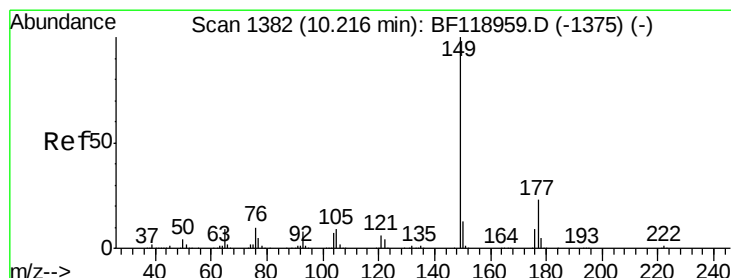
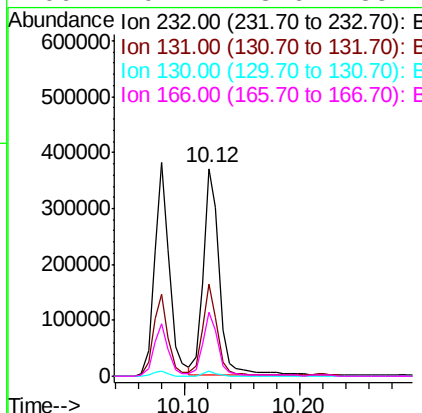
#59
2,3,4,6-Tetrachlorophenol
Concen: 60.980 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.0	34.0	51.0
130	2.1	1.6	2.4
166	29.2	23.6	35.4

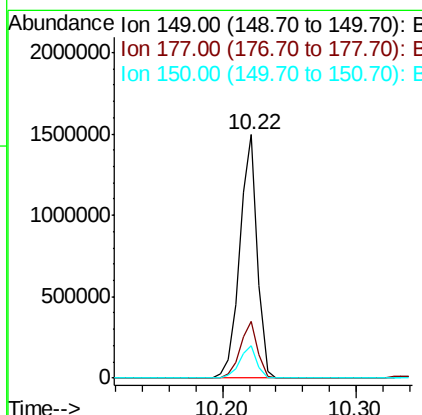
Manual Integrations
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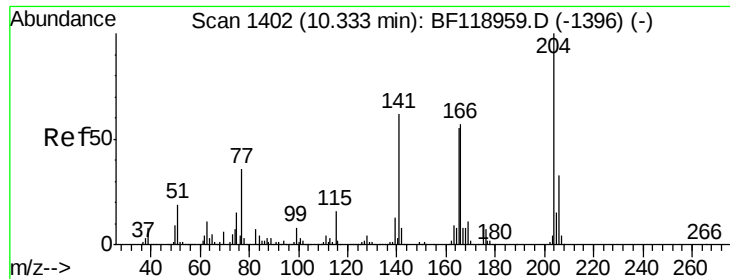
mohammad
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#60
Diethylphthalate
Concen: 60.484 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.1	27.1
150	13.1	10.4	15.6





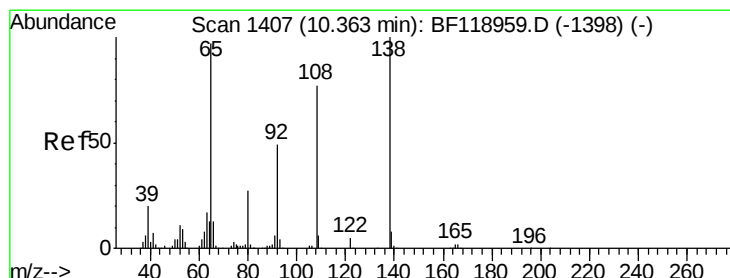
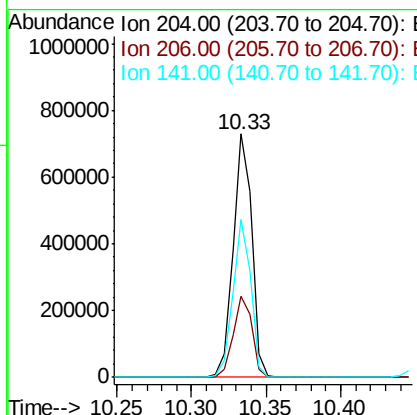
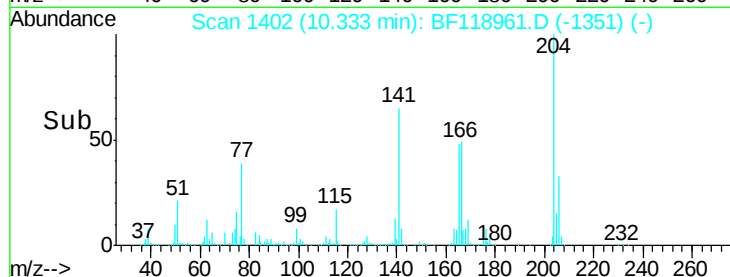
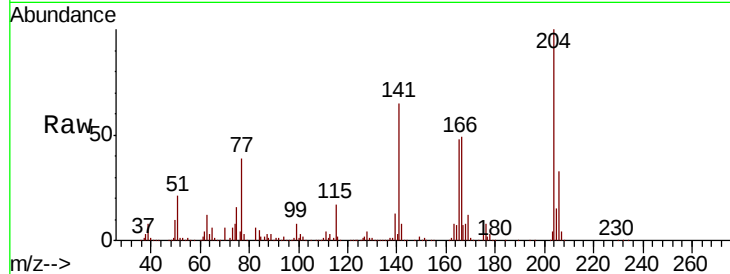
#61
 4-Chlorophenyl-phenylether
 Concen: 59.947 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF118961.D
 Acq: 20 Feb 2020 15:24

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC060

Tot Ion:	204	Resp:	645553
Ion Ratio		Lower	Upper
204	100		
206	33.4	26.5	39.7
141	65.1	49.5	74.3

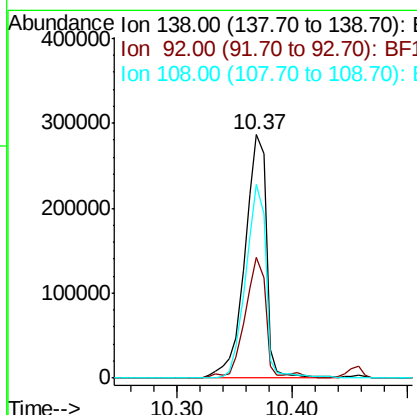
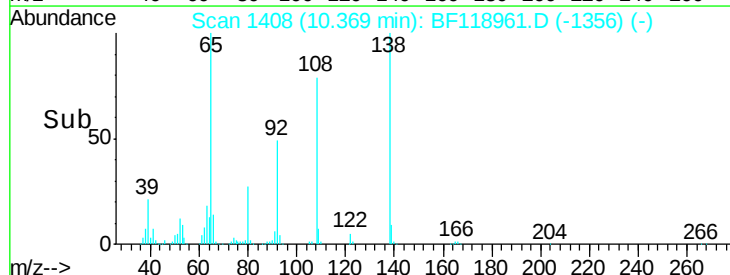
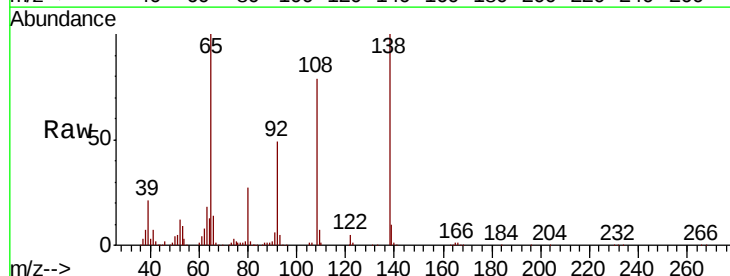
Manual Integrations
 APPROVED

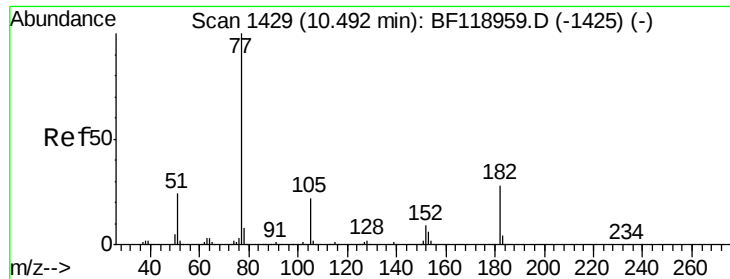
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#62
 4-Nitroaniline
 Concen: 61.911 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. 0.01 min
 Lab File: BF118961.D
 Acq: 20 Feb 2020 15:24

Tgt Ion:	138	Resp:	373147
Ion Ratio		Lower	Upper
138	100		
92	49.5	28.7	68.7
108	79.3	56.8	96.8





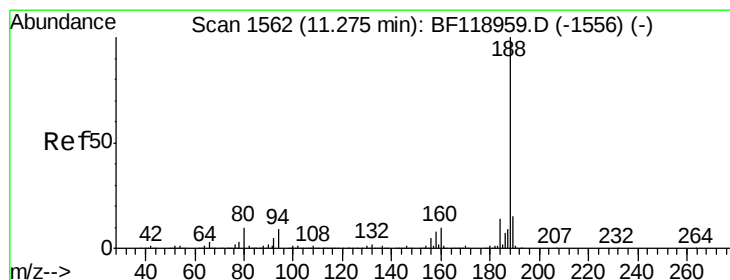
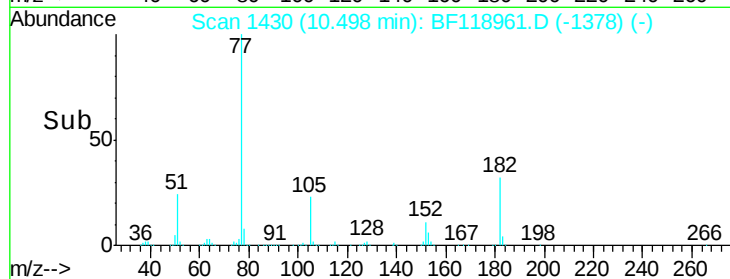
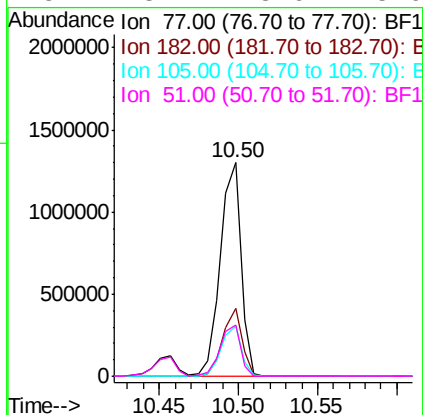
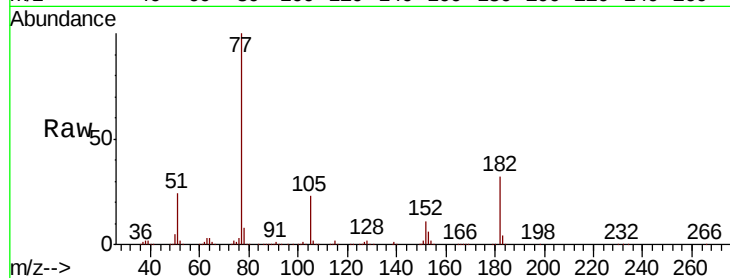
#63
Azobenzene
Concen: 59.910 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.6	8.2	48.2
105	23.5	2.3	42.3
51	23.7	3.6	43.6

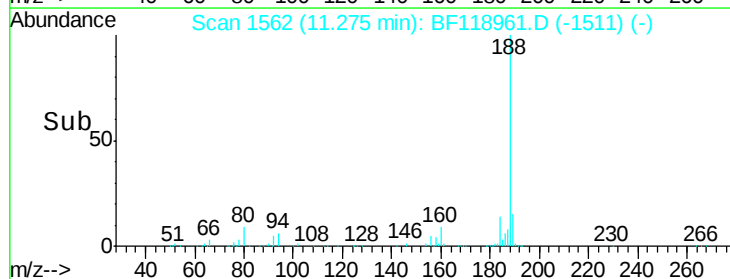
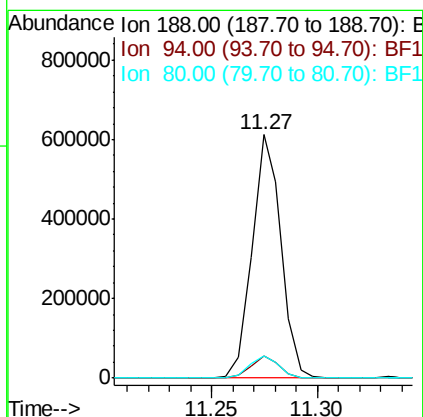
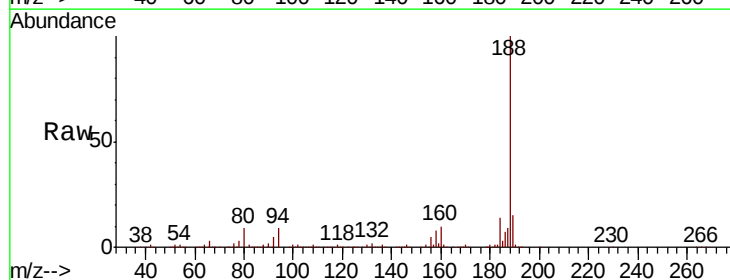
Manual Integrations
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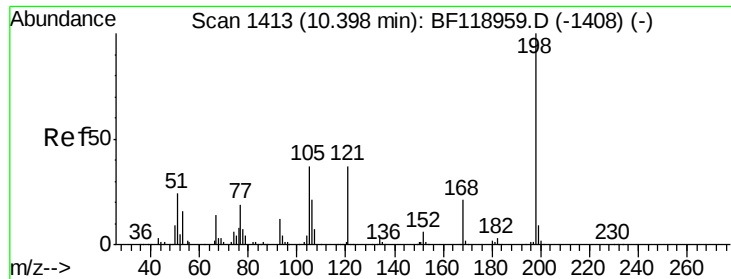
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.6
80	9.3	7.9	11.9





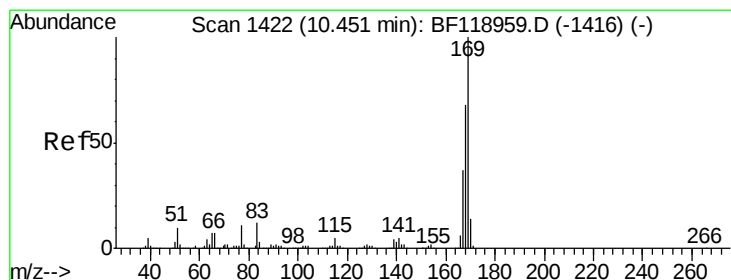
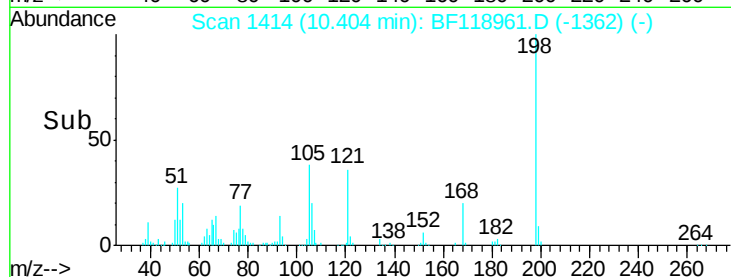
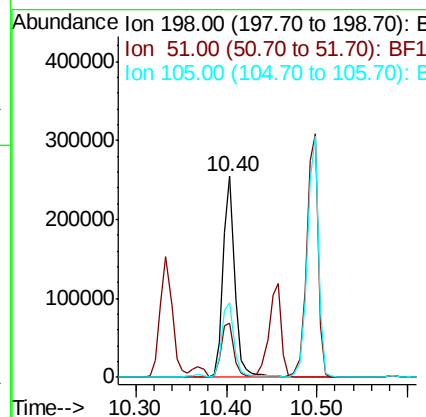
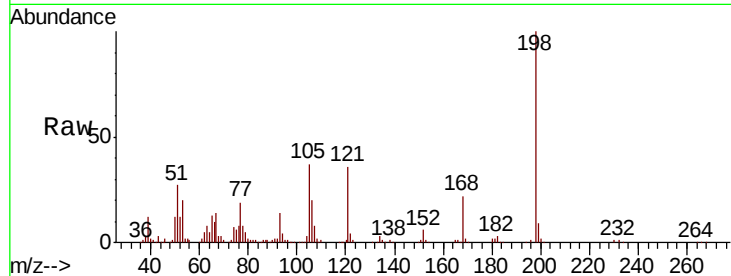
#65
4,6-Dinitro-2-methylphenol
Concen: 63.623 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
198	100	227703		
51	27.1		7.1	47.1
105	37.2		18.3	58.3

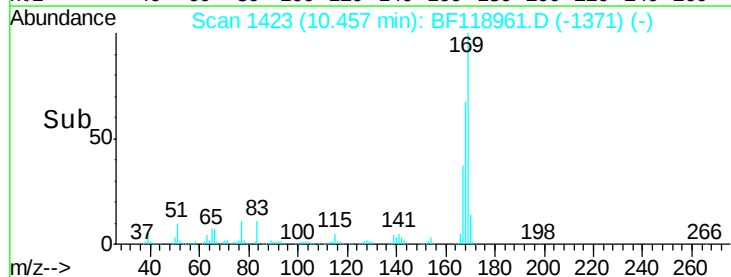
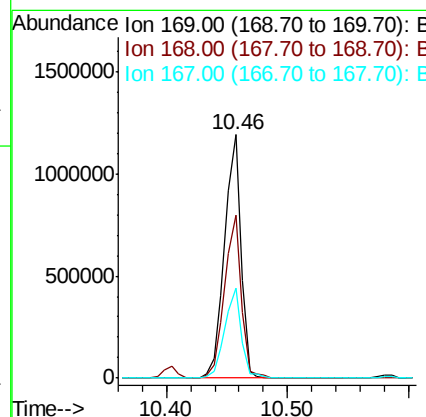
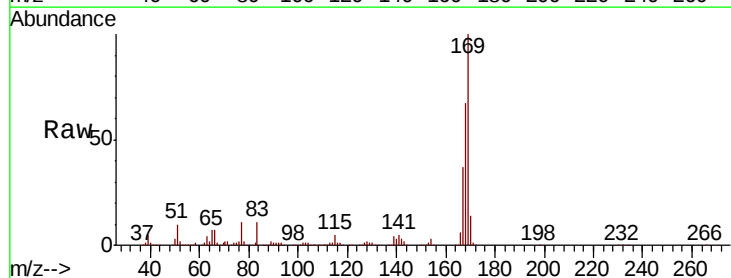
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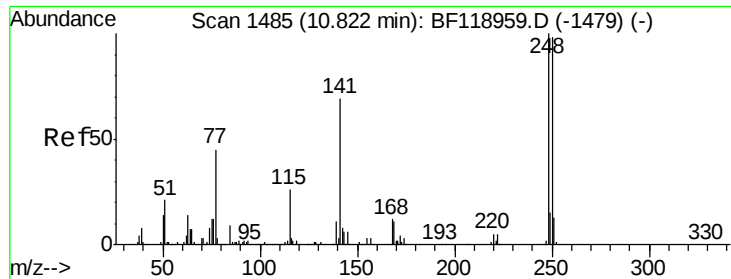
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#66
n-Nitrosodiphenylamine
Concen: 60.719 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1116701		
168	66.8		54.2	81.2
167	36.8		29.4	44.2





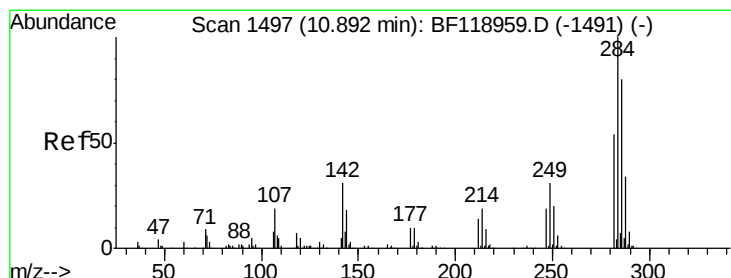
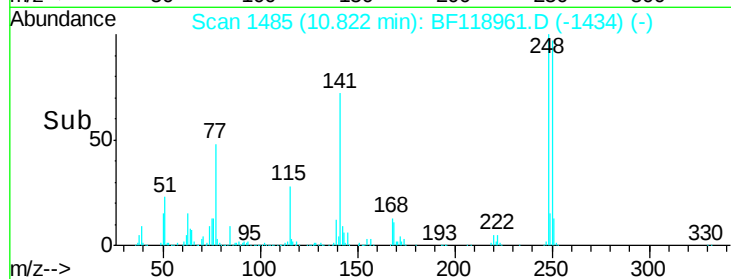
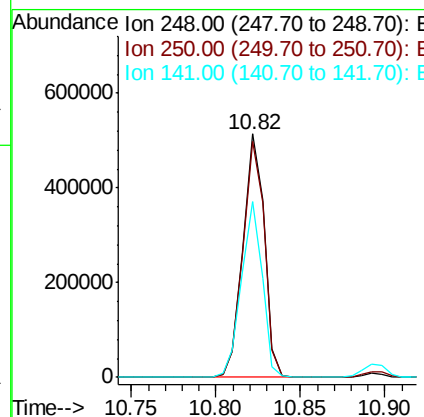
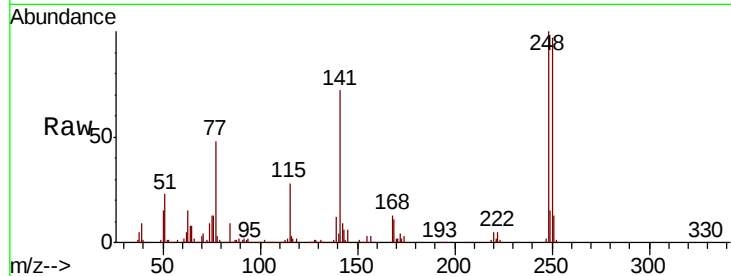
#67
4-Bromophenyl-phenylether
Concen: 60.833 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	78.8	118.2
141	72.4	55.3	82.9

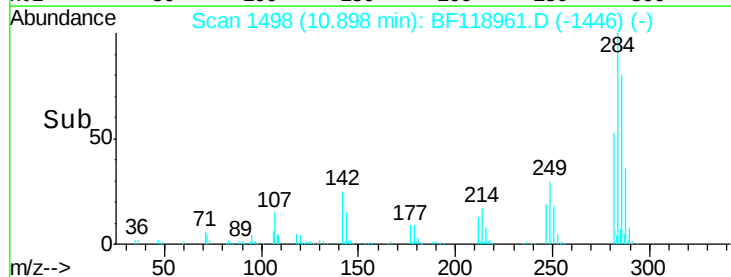
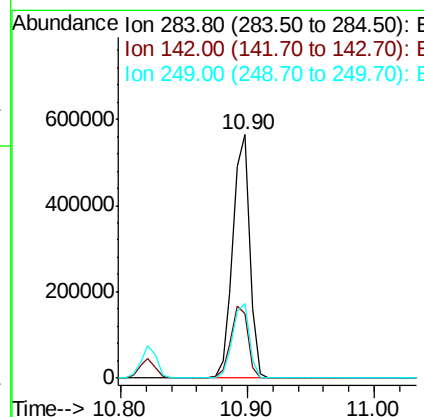
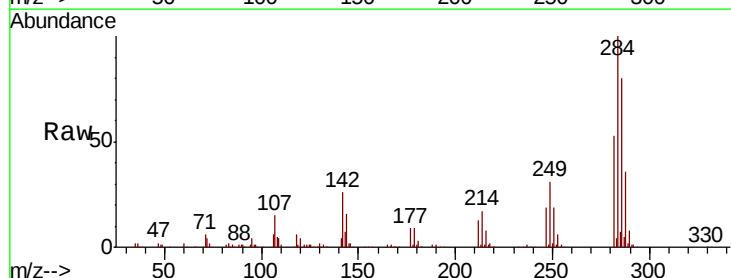
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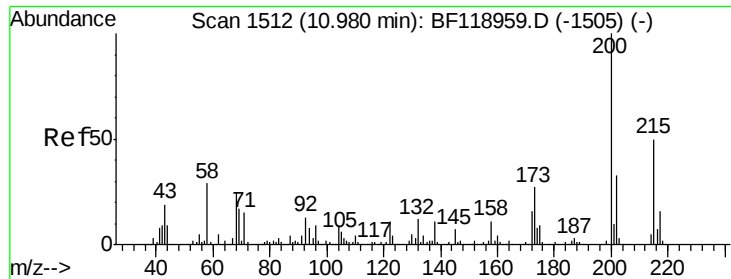
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#68
Hexachlorobenzene
Concen: 60.919 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.01 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.4	25.0	37.6
249	30.5	25.0	37.4





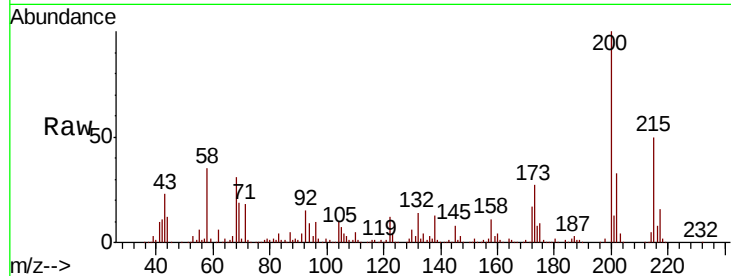
#69
Atrazine
Concen: 63.910 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

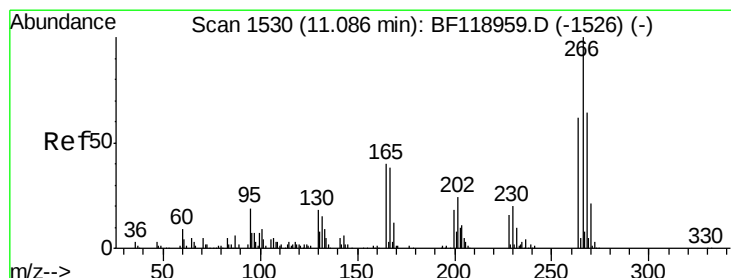
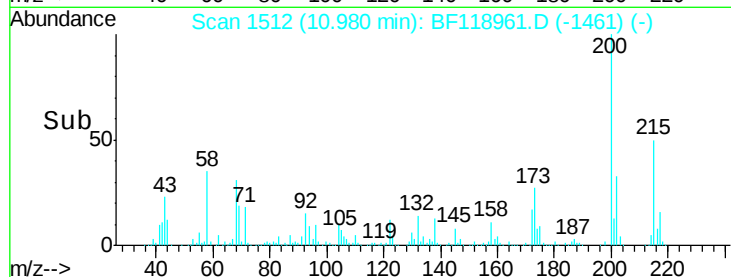
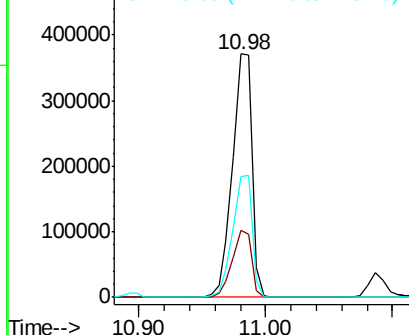
Tot Ion	Ratio	Resp	Lower	Upper
200	100	393415		
173	27.3	6.9	46.9	
215	49.6	29.7	69.7	

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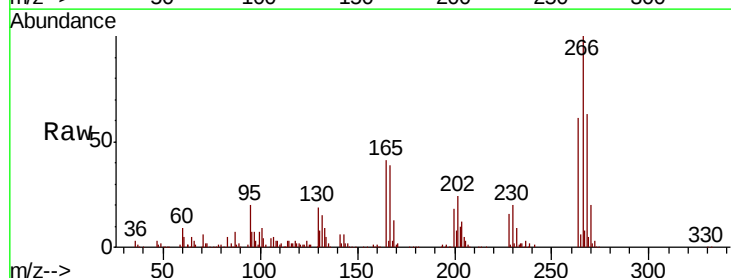


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

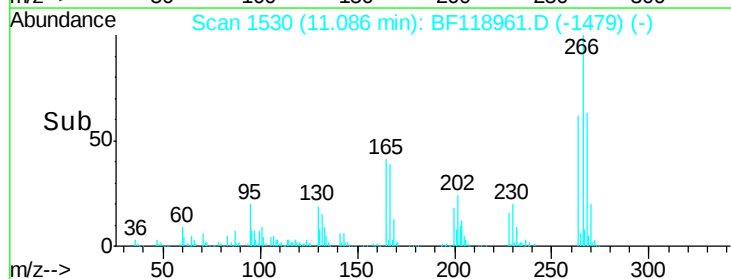
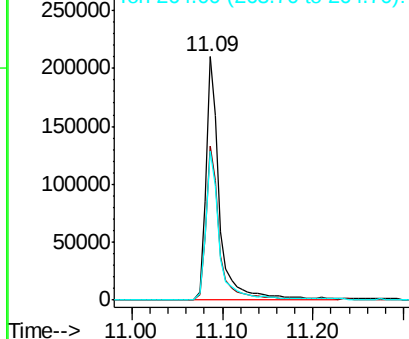


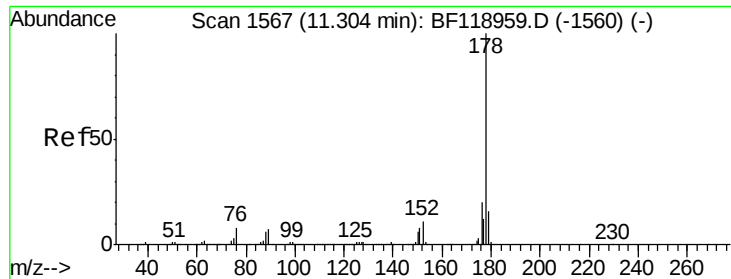
#70
Pentachlorophenol
Concen: 62.152 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	227104		
268	63.1	51.4	77.0	
264	61.4	49.5	74.3	



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





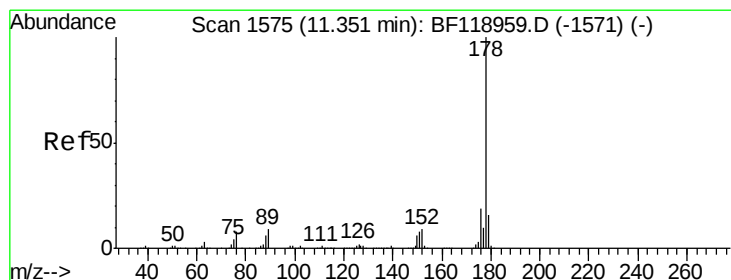
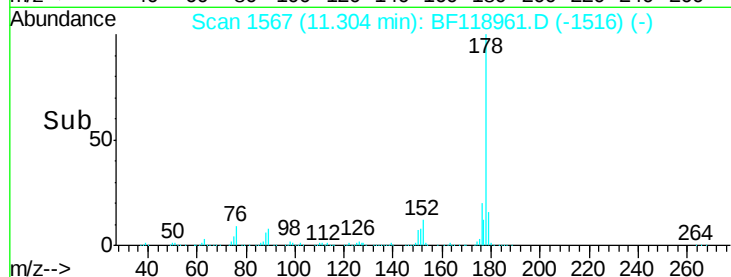
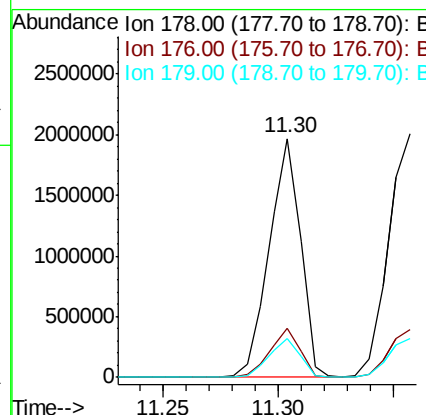
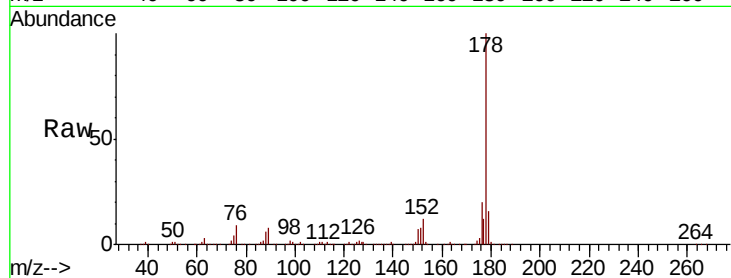
#71
Phenanthrene
Concen: 61.005 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.00 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:178 Resp: 1860314
Ion Ratio Lower Upper
178 100
176 20.5 15.6 23.4
179 16.3 12.6 18.8

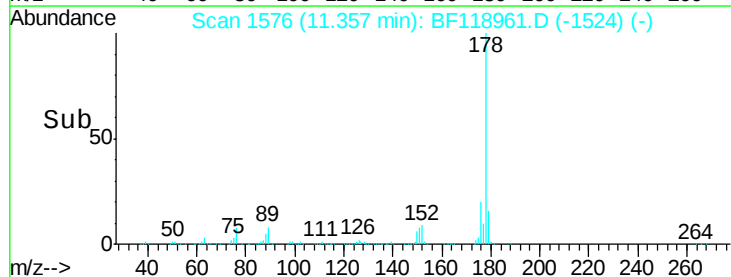
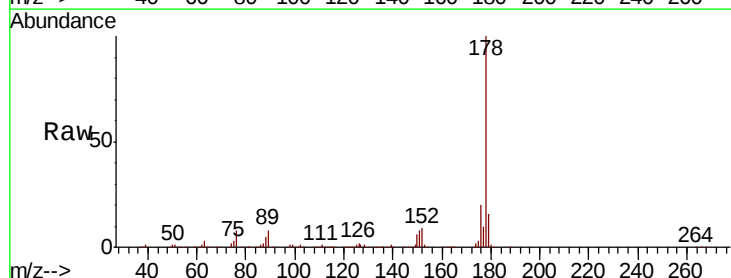
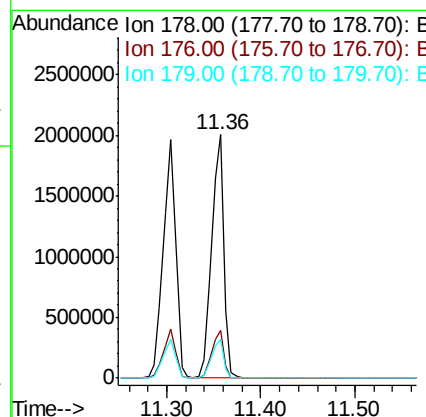
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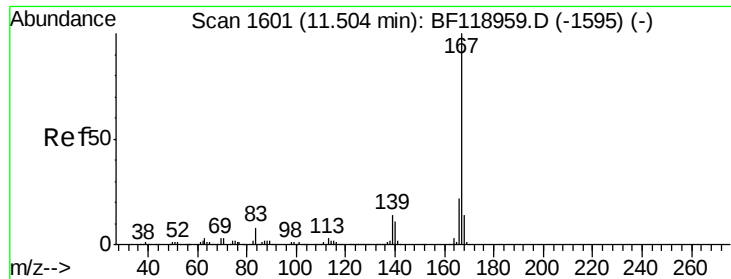
mohammad
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#72
Anthracene
Concen: 60.363 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Tgt Ion:178 Resp: 1841697
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 16.0 12.8 19.2





#73

Carbazole

Concen: 60.502 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.01 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:167 Resp: 1654549

Ion Ratio Lower Upper

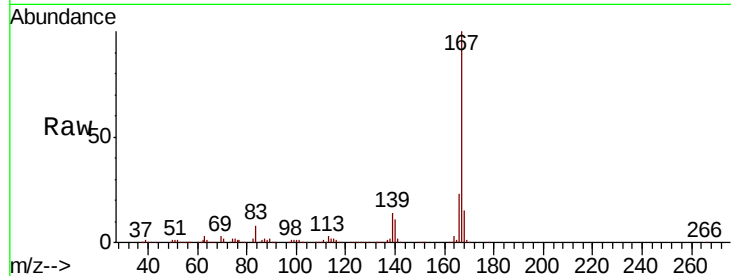
167 100

166 22.7 17.8 26.6

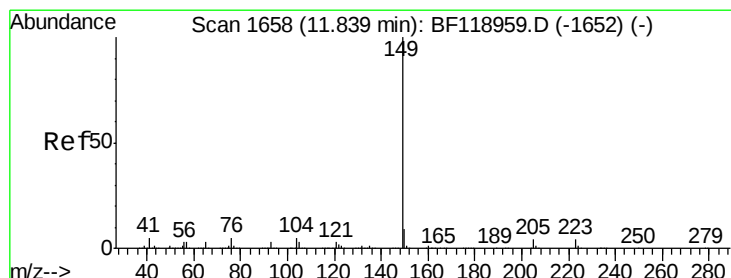
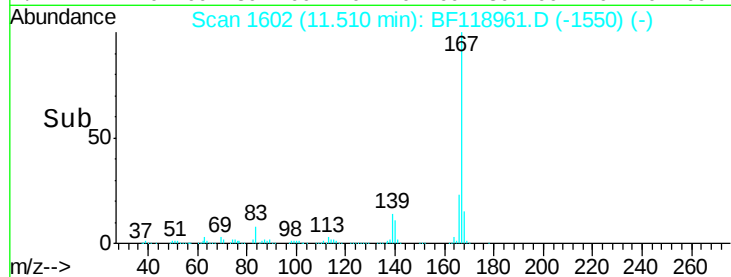
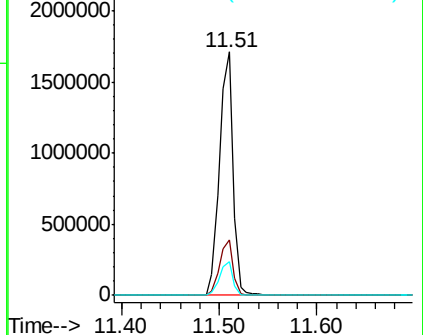
139 13.9 11.2 16.8

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 58.364 ng

RT: 11.84 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

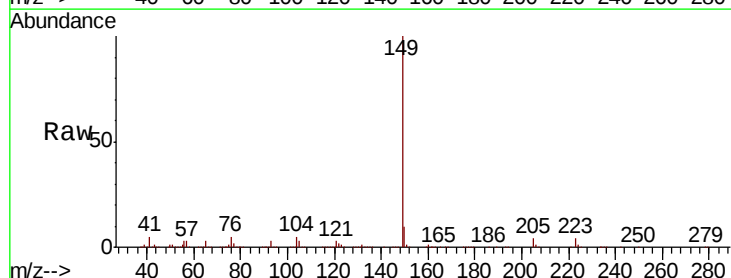
Tgt Ion:149 Resp: 2025084

Ion Ratio Lower Upper

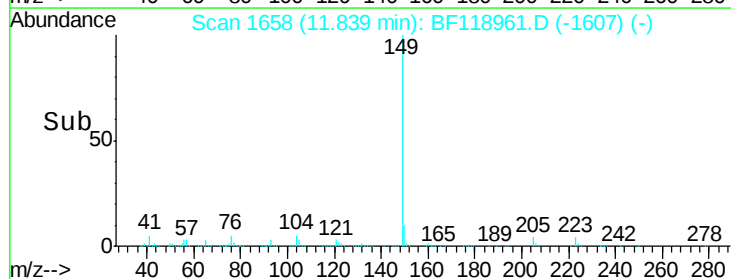
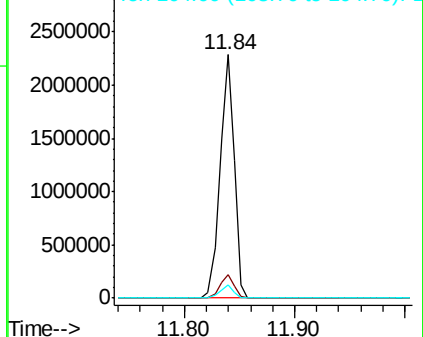
149 100

150 9.9 7.5 11.3

104 5.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





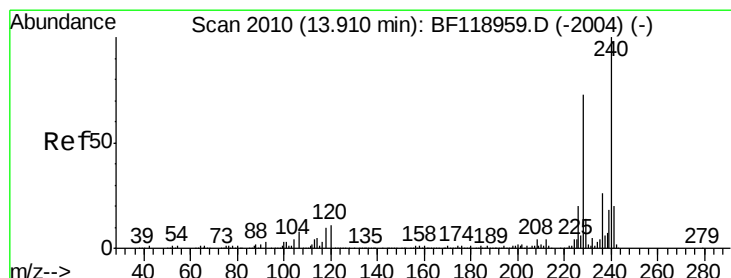
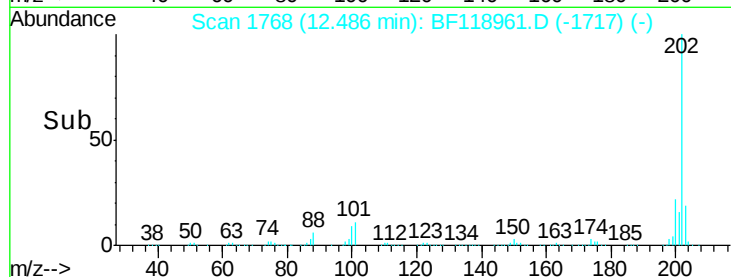
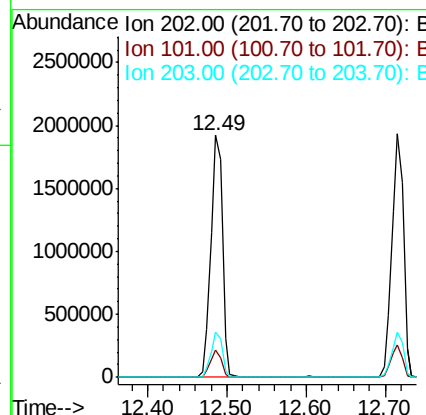
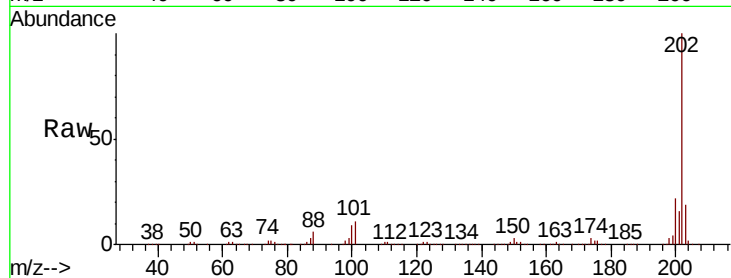
#75
 Fluoranthene
 Concen: 58.214 ng
 RT: 12.49 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: BF118961.D
 Acq: 20 Feb 2020 15:24

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.1
203	18.7	0.0	38.1

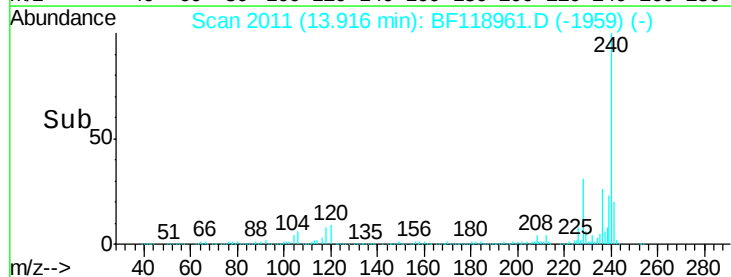
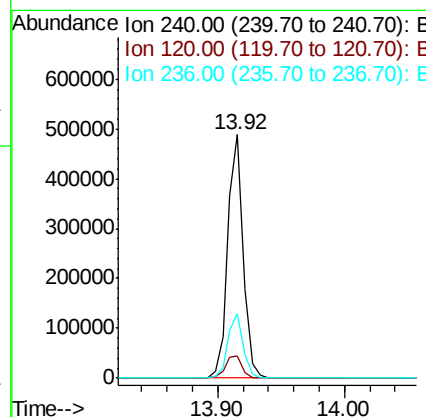
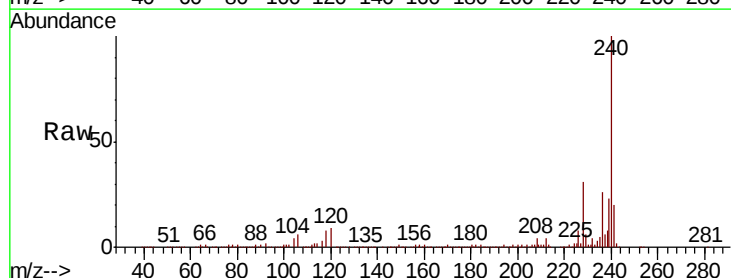
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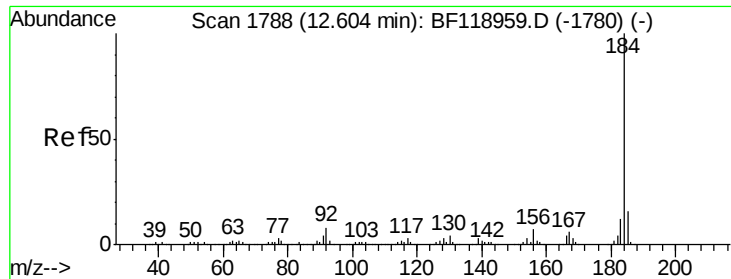
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.01 min
 Lab File: BF118961.D
 Acq: 20 Feb 2020 15:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.9	13.3
236	26.5	20.6	30.8





#77

Benzidine

Concen: 77.561 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:184 Resp: 1025782

Ion	Ratio	Lower	Upper
184	100		
185	18.4	12.6	19.0
183	12.3	9.9	14.9

184 100

185 18.4 12.6 19.0

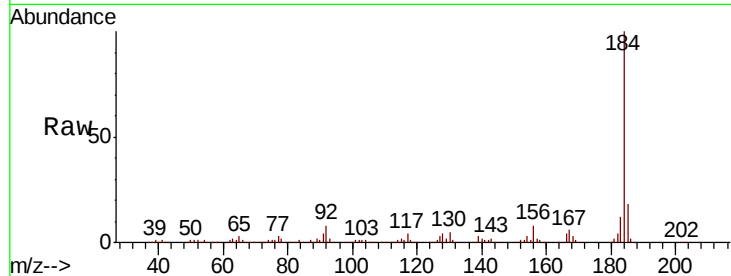
183 12.3 9.9 14.9

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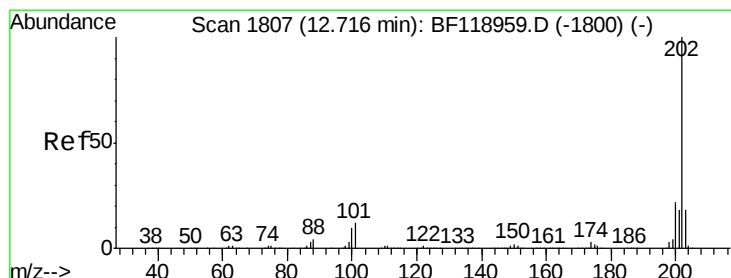
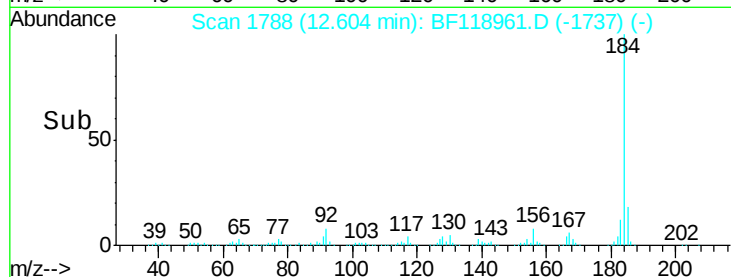
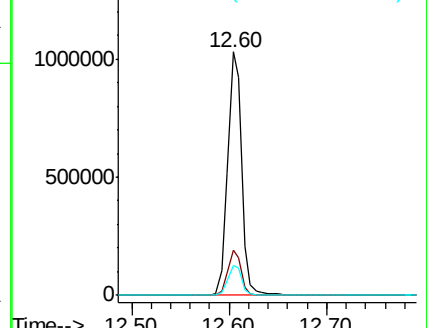
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 66.855 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

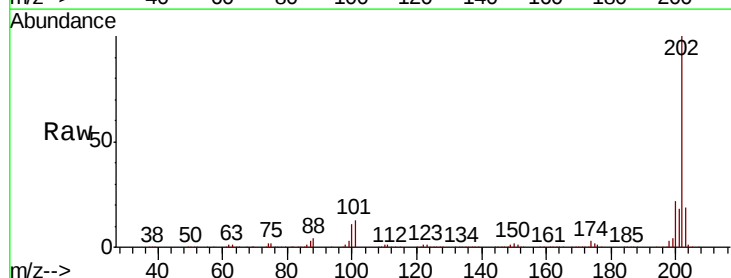
Tgt Ion:202 Resp: 1993022

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.4	26.0
203	18.7	14.5	21.7

202 100

200 22.5 17.4 26.0

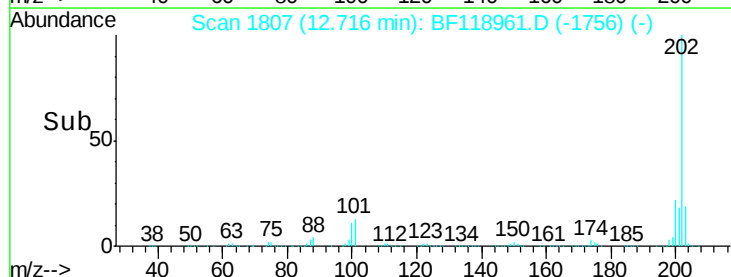
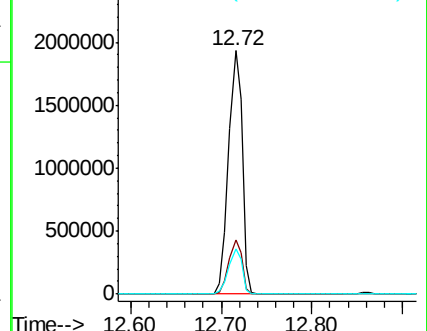
203 18.7 14.5 21.7

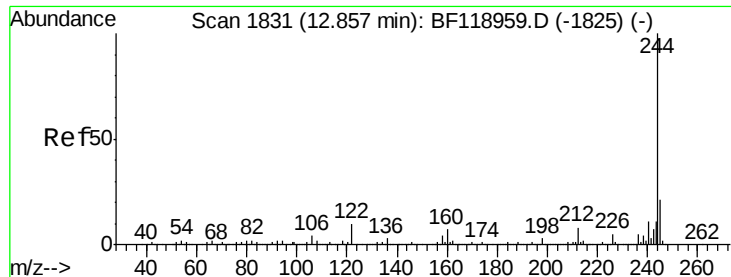


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





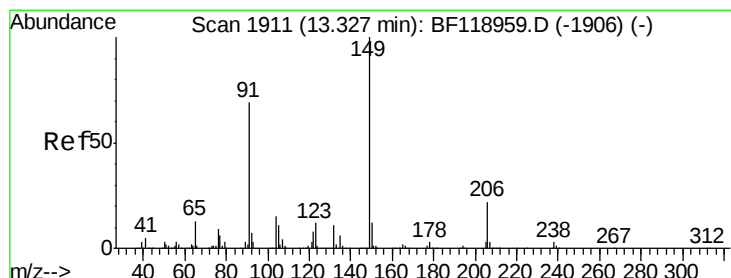
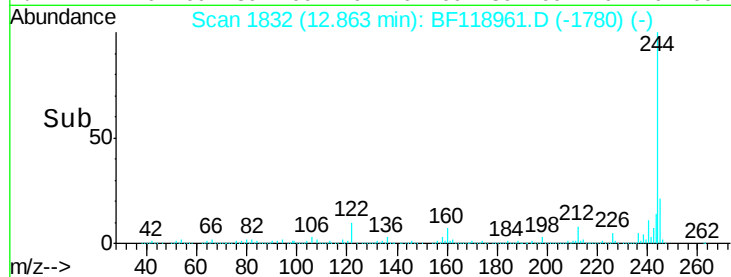
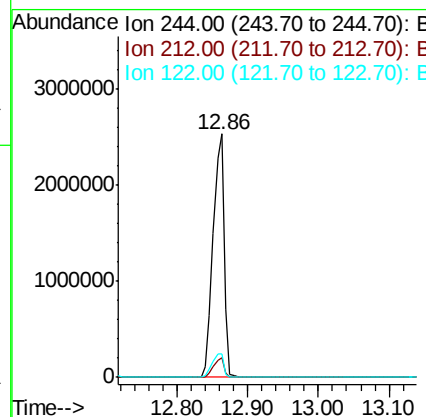
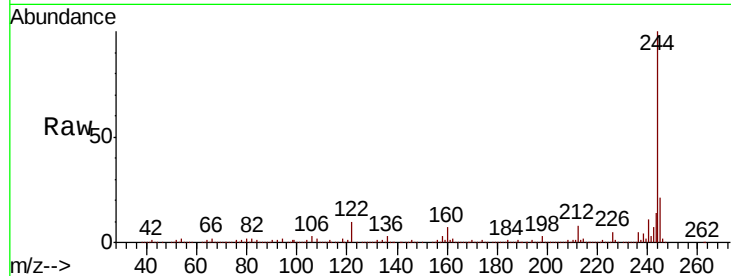
#79
 Terphenyl-d14
 Concen: 132.175 ng
 RT: 12.86 min Scan# 1832
 Delta R.T. 0.01 min
 Lab File: BF118961.D
 Acq: 20 Feb 2020 15:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	9.5	8.4	12.6

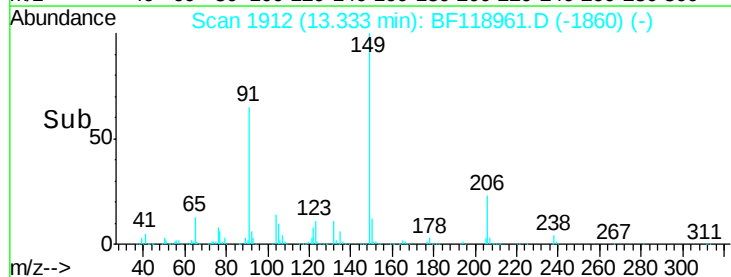
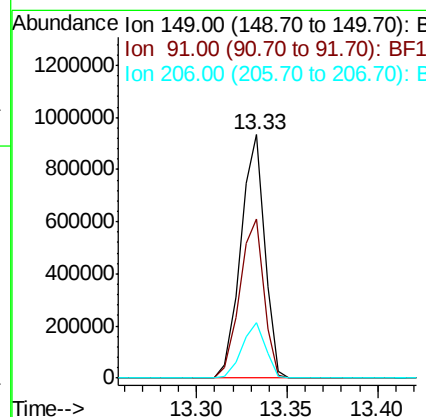
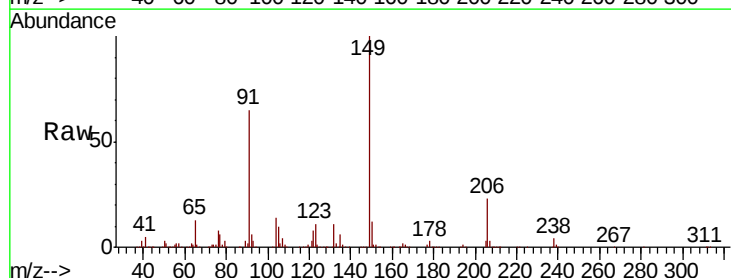
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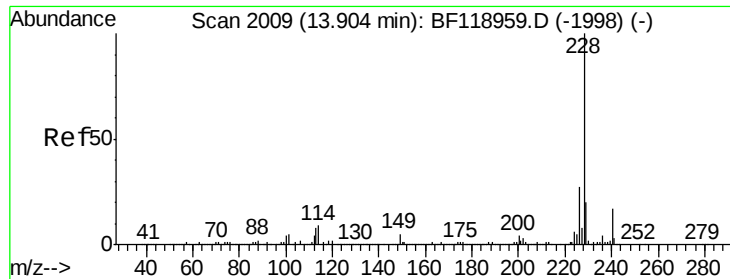
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#80
 Butylbenzylphthalate
 Concen: 65.594 ng
 RT: 13.33 min Scan# 1912
 Delta R.T. 0.01 min
 Lab File: BF118961.D
 Acq: 20 Feb 2020 15:24

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.3	55.4	83.2
206	23.0	17.7	26.5





#81

Benzo(a)anthracene

Concen: 65.490 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:228 Resp: 1657839

Ion Ratio Lower Upper

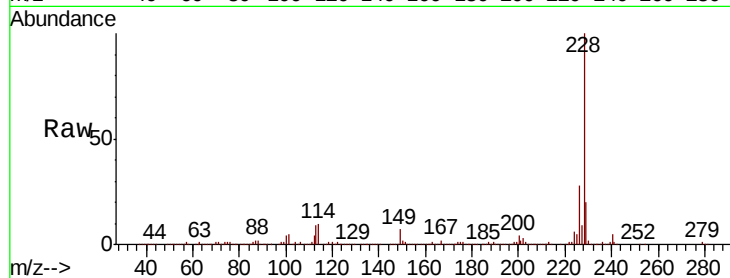
228 100

226 28.0 21.8 32.8

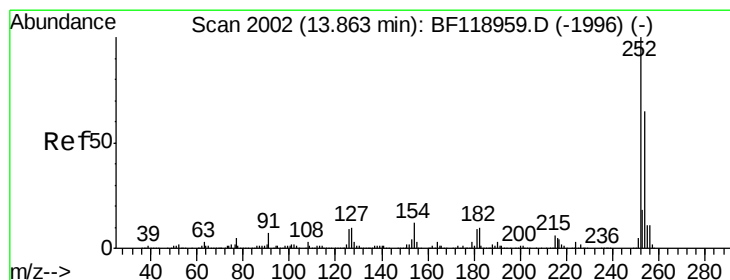
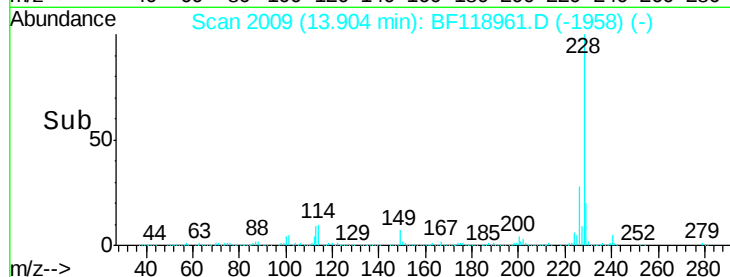
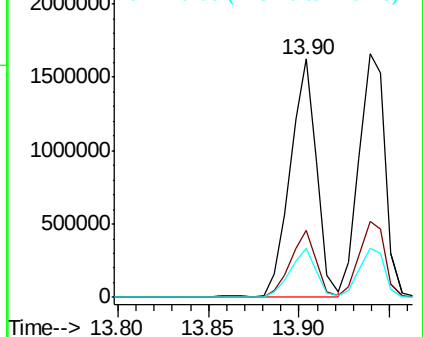
229 20.4 16.0 24.0

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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: 66.343 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

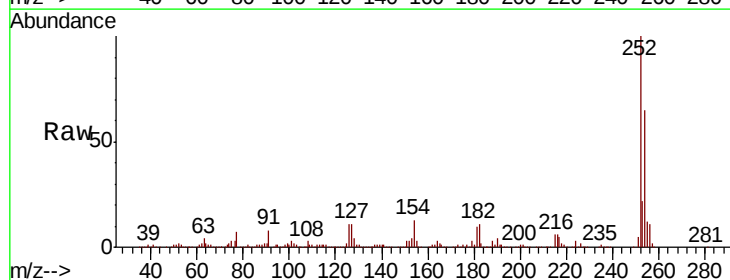
Tgt Ion:252 Resp: 653490

Ion Ratio Lower Upper

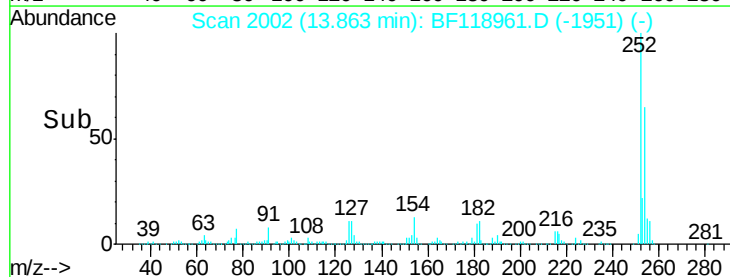
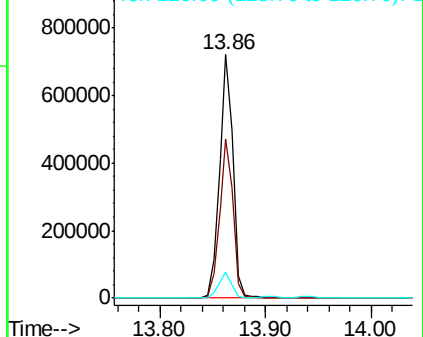
252 100

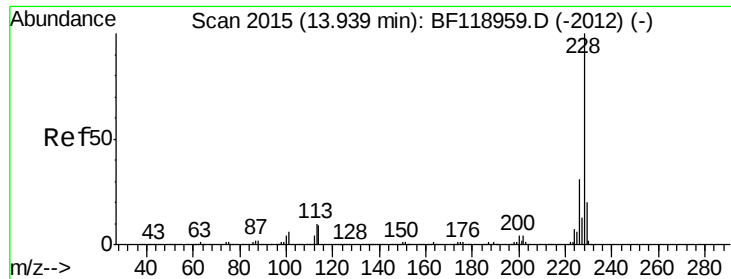
254 65.3 52.1 78.1

126 10.7 7.3 10.9



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





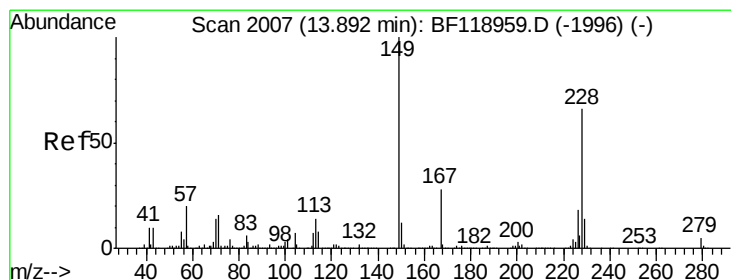
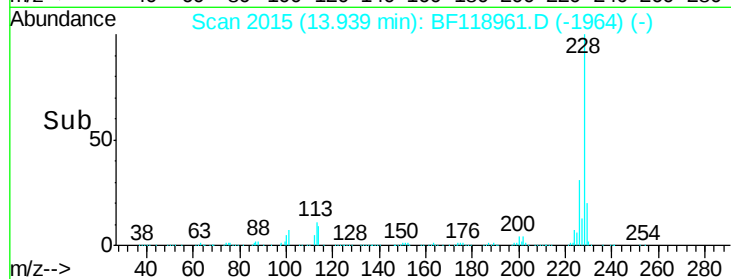
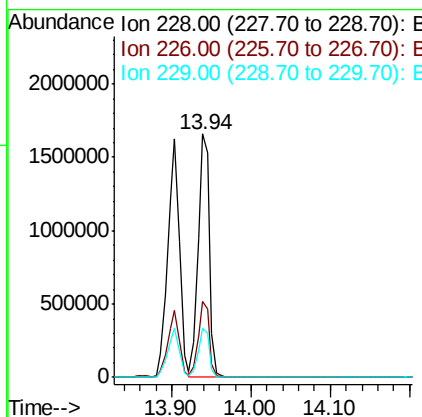
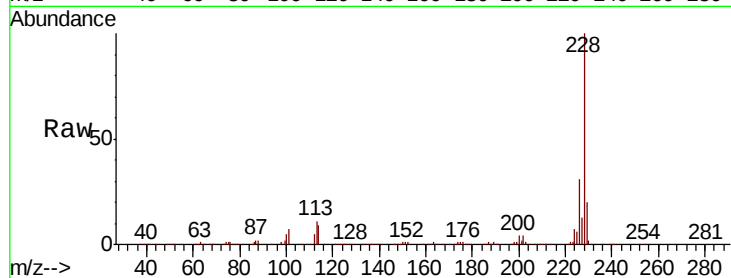
#83
 Chrvsene
 Concen: 65.907 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BF118961.D
 Acq: 20 Feb 2020 15:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	37.0
229	20.2	16.2	24.2

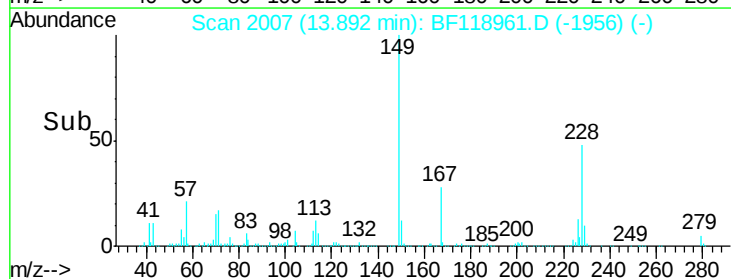
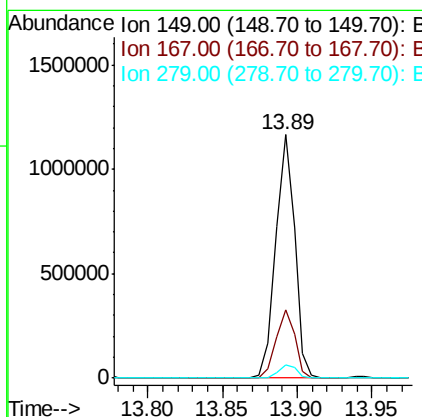
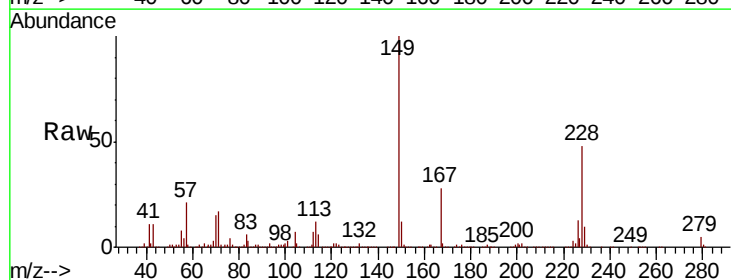
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 62.575 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BF118961.D
 Acq: 20 Feb 2020 15:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.3	33.5
279	5.4	4.2	6.4





#85

Di-n-octyl phthalate

Concen: 61.925 ng

RT: 14.50 min Scan# 2111

Delta R.T. 0.01 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 1652621

Ion Ratio Lower Upper

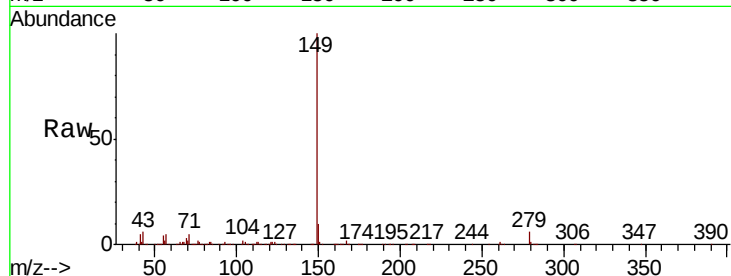
149 100

167 1.6 1.3 1.9

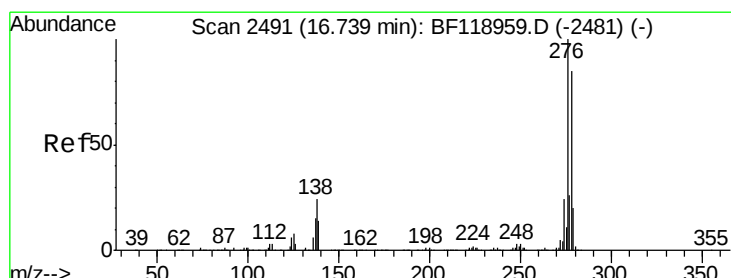
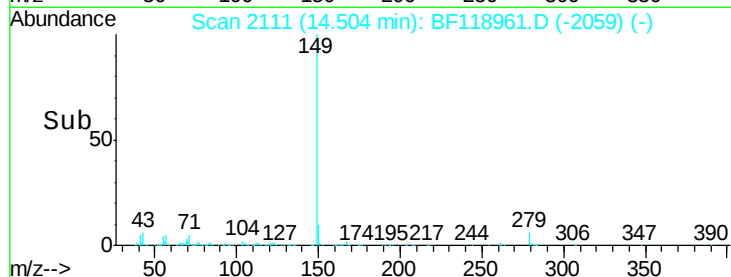
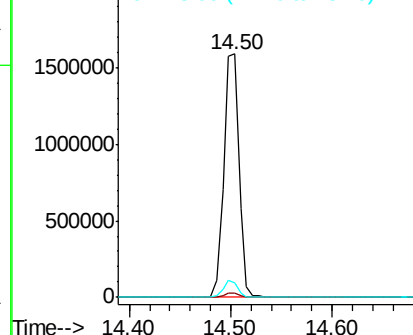
43 6.5 5.2 7.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 57.414 ng

RT: 16.74 min Scan# 2491

Delta R.T. -0.00 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

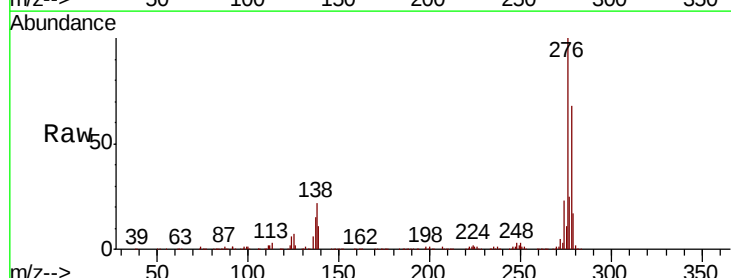
Tgt Ion:276 Resp: 1433999

Ion Ratio Lower Upper

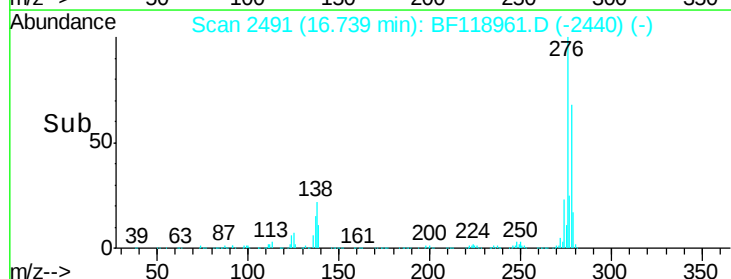
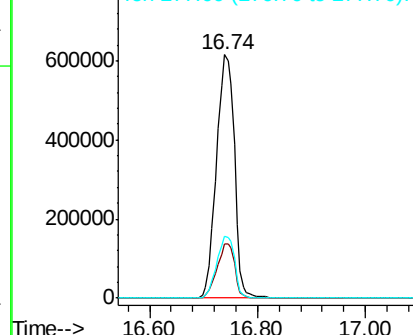
276 100

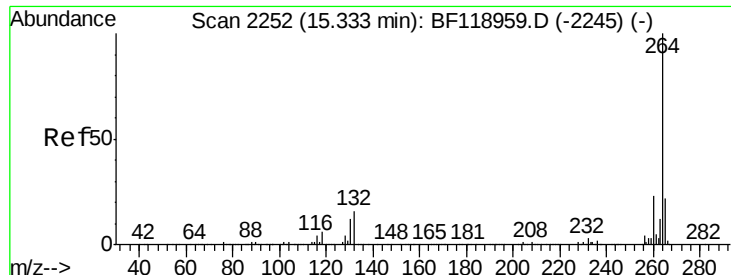
138 21.9 18.7 28.1

277 25.2 20.3 30.5



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

Instrument :

BNA_F

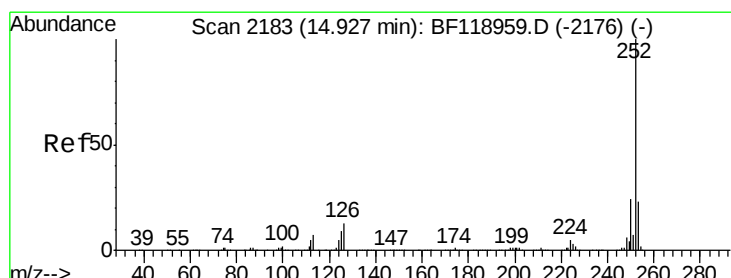
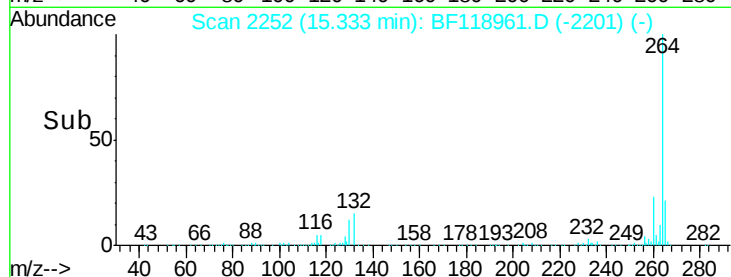
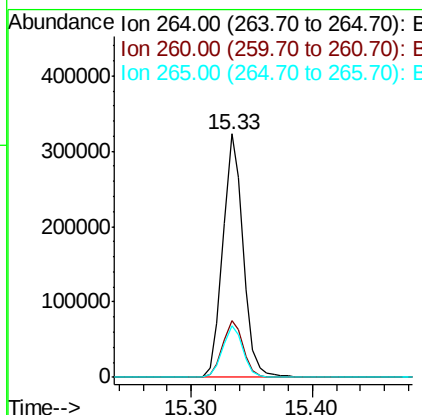
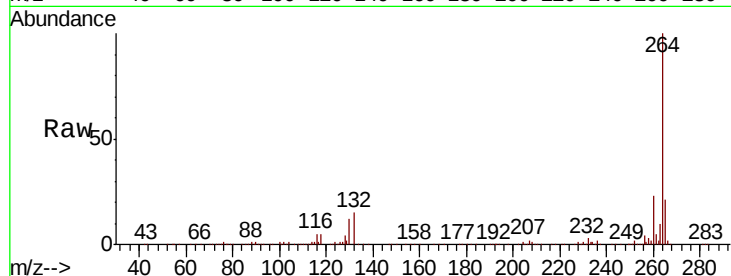
ClientSampleId :

SSTDICC060

Tot Ion:	264	Resp:	374575
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.6	28.0
265	21.4	17.3	25.9

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#88

Benzo(b)fluoranthene

Concen: 64.062 ng

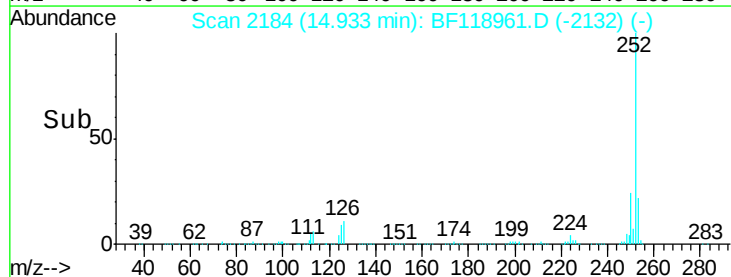
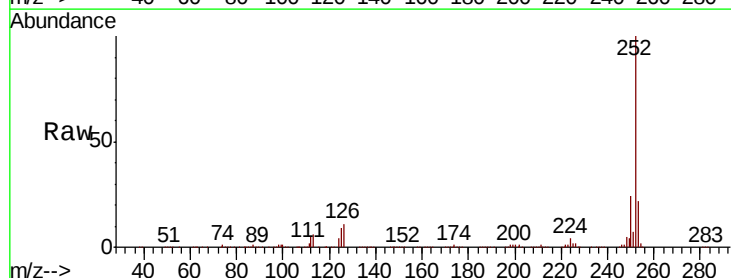
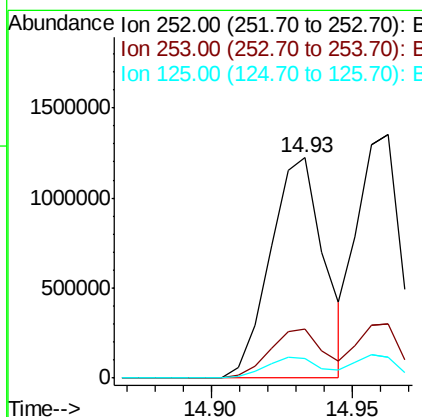
RT: 14.93 min Scan# 2184

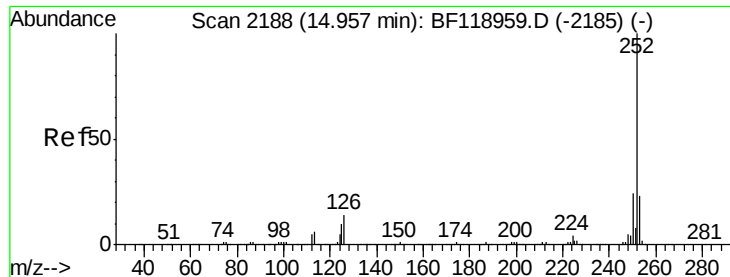
Delta R.T. 0.01 min

Lab File: BF118961.D

Acq: 20 Feb 2020 15:24

Tgt Ion:	252	Resp:	1617632
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.2
125	8.7	7.4	11.0





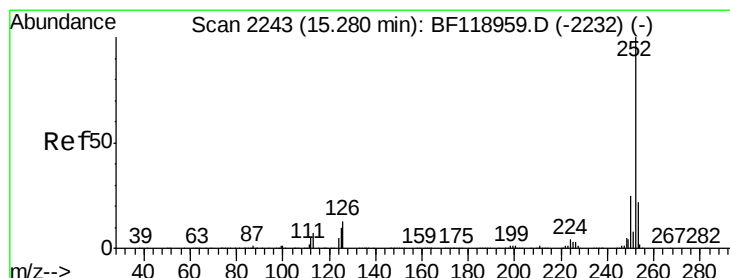
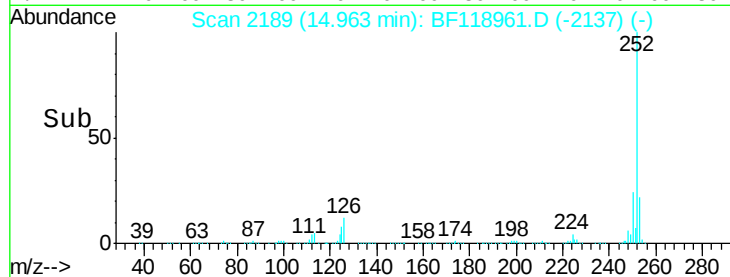
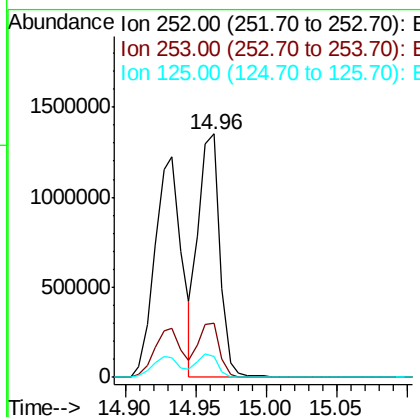
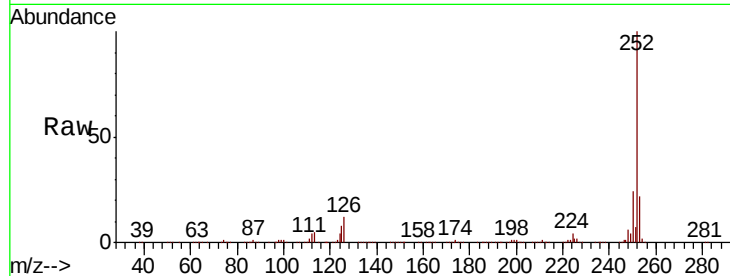
#89
Benzo(k)fluoranthene
Concen: 63.901 ng
RT: 14.96 min Scan# 2189
Delta R.T. 0.01 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	8.4	7.3	10.9

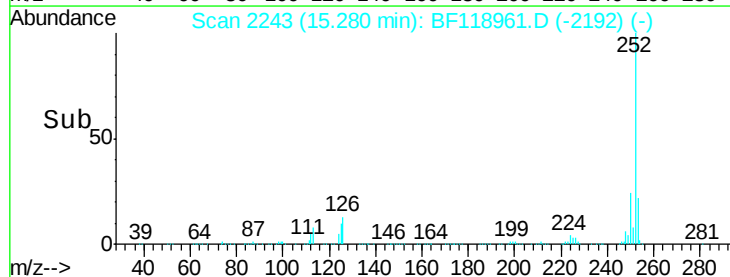
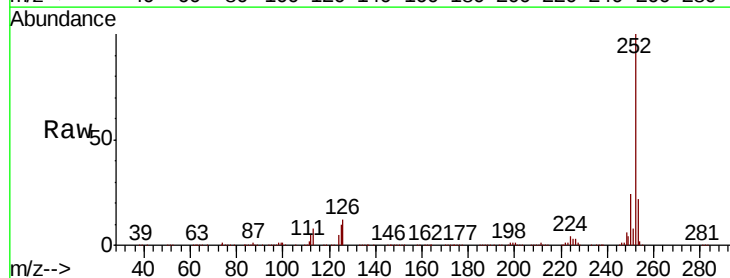
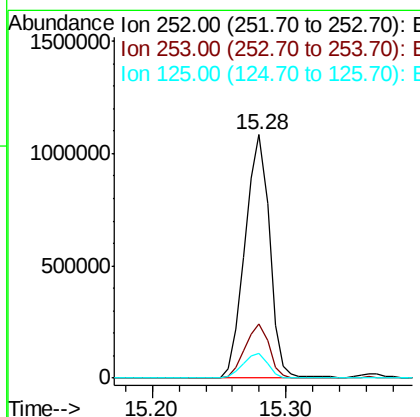
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#90
Benzo(a)pyrene
Concen: 63.261 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BF118961.D
Acq: 20 Feb 2020 15:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	10.0	7.8	11.6





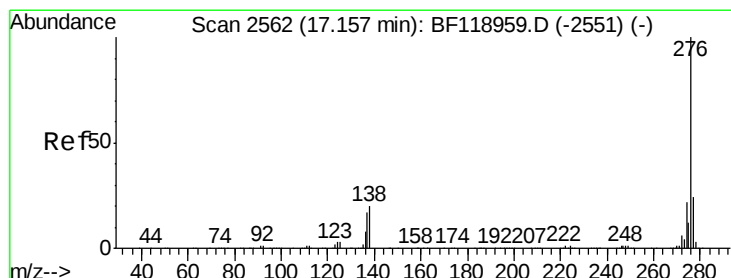
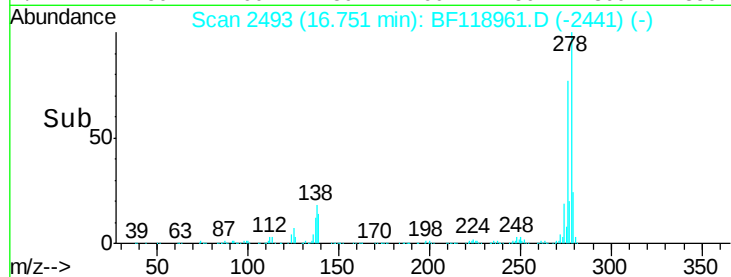
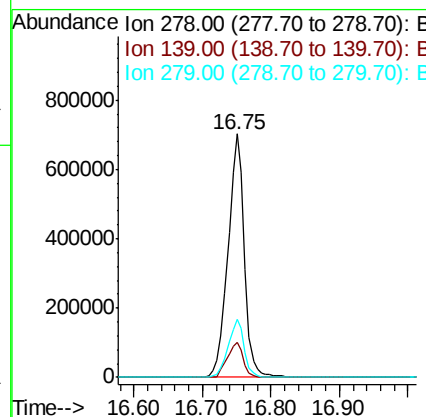
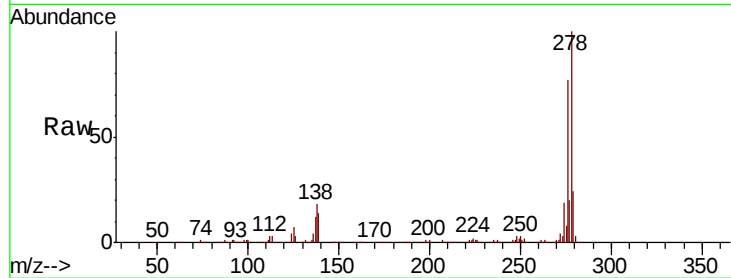
#91
 Dibenzo(a,h)anthracene
 Concen: 59.071 ng
 RT: 16.75 min Scan# 2493
 Delta R.T. 0.01 min
 Lab File: BF118961.D
 Acq: 20 Feb 2020 15:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.3	12.6	18.8
279	23.9	19.0	28.6

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#92
 Benzo(g,h,i)perylene
 Concen: 59.347 ng
 RT: 17.16 min Scan# 2563
 Delta R.T. 0.01 min
 Lab File: BF118961.D
 Acq: 20 Feb 2020 15:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	18.4	16.2	24.4

