

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\
 Data File : BF119093.D
 Acq On : 26 Feb 2020 14:25
 Operator : CG/JU
 Sample : L1681-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SH-BORING-2MS

Manual Integrations
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Quant Time: Feb 26 16:36:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	153529	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	597825	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	334307	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	637139	20.00	ng	0.00
76) Chrysene-d12	13.90	240	444416	20.00	ng	0.00
87) Perylene-d12	15.32	264	364860	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	605468	65.91	ng	0.00
7) Phenol-d6	6.39	99	730583	65.39	ng	-0.01
23) Nitrobenzene-d5	7.31	82	476840	42.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	262120	59.94	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	927174	40.86	ng	0.00
79) Terphenyl-d14	12.84	244	1129670	43.76	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.50	88	160660	39.278 ng	97
3) Pyridine	3.22	79	402888	36.066 ng	98
4) n-Nitrosodimethylamine	3.17	42	161623	47.762 ng	100
6) Aniline	6.41	93	481094	34.896 ng	85
8) 2-Chlorophenol	6.53	128	489895	49.413 ng	100
9) Benzaldehyde	6.29	77	200346	26.839 ng	99
10) Phenol	6.40	94	576346	47.711 ng	97
11) bis(2-Chloroethyl)ether	6.48	93	433535	46.905 ng	98
12) 1,3-Dichlorobenzene	6.69	146	527185	44.365 ng	98
13) 1,4-Dichlorobenzene	6.76	146	536353	45.105 ng	99
14) 1,2-Dichlorobenzene	6.92	146	503836	46.459 ng	99
15) Benzyl Alcohol	6.89	79	405448	50.210 ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	350588	43.787 ng	89
17) 2-Methylphenol	7.01	107	387234	48.175 ng	96
18) Hexachloroethane	7.26	117	191227	44.950 ng	96
19) n-Nitroso-di-n-propylamine	7.16	70	310112	47.633 ng	99
20) 3+4-Methylphenols	7.17	107	476335	48.370 ng	95
22) Acetophenone	7.16	105	630624	45.591 ng	# 98
24) Nitrobenzene	7.33	77	496737	44.364 ng	97
25) Isophorone	7.57	82	887785	45.148 ng	100
26) 2-Nitrophenol	7.65	139	270934	45.669 ng	98
27) 2,4-Dimethylphenol	7.69	122	413625	51.372 ng	98
28) bis(2-Chloroethoxy)methane	7.78	93	531501	41.527 ng	100
29) 2,4-Dichlorophenol	7.89	162	420364	44.349 ng	99
30) 1,2,4-Trichlorobenzene	7.97	180	466766	41.534 ng	99
31) Naphthalene	8.05	128	1361154	43.902 ng	99
32) Benzoic acid	7.85	122	273186	46.709 ng	98
33) 4-Chloroaniline	8.10	127	220030	16.500 ng	98
34) Hexachlorobutadiene	8.17	225	282851	40.406 ng	99
35) Caprolactam	8.48	113	136381m	46.728 ng	
36) 4-Chloro-3-methylphenol	8.60	107	443760	46.260 ng	98
37) 2-Methylnaphthalene	8.74	142	932952	44.714 ng	99
38) 1-Methylnaphthalene	8.84	142	879127	44.802 ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	465914	41.336 ng	99

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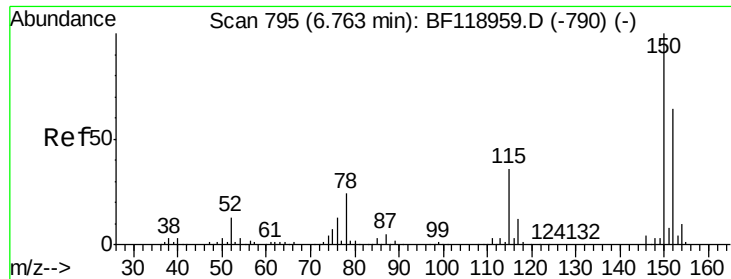
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	335645	81.597	ng	100
43) 2,4,6-Trichlorophenol	9.03	196	307250	43.166	ng	99
44) 2,4,5-Trichlorophenol	9.07	196	330481	44.246	ng	98
46) 1,1'-Biphenyl	9.20	154	1129713	41.812	ng	99
47) 2-Chloronaphthalene	9.23	162	902612	41.455	ng	98
48) 2-Nitroaniline	9.33	65	261552	43.069	ng	98
49) Acenaphthylene	9.65	152	1397511	44.440	ng	99
50) Dimethylphthalate	9.51	163	1161868	45.450	ng	99
51) 2,6-Dinitrotoluene	9.57	165	254938	44.887	ng	96
52) Acenaphthene	9.82	154	811215	42.781	ng	100
53) 3-Nitroaniline	9.74	138	146256	23.228	ng	99
54) 2,4-Dinitrophenol	9.86	184	220901	80.023	ng	92
55) Dibenzofuran	9.99	168	1225522	43.301	ng	100
56) 4-Nitrophenol	9.92	139	323437	85.497	ng	94
57) 2,4-Dinitrotoluene	9.98	165	326687	44.376	ng	93
58) Fluorene	10.33	166	982944	44.694	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.11	232	282816	44.874	ng	99
60) Diethylphthalate	10.20	149	1084423	45.014	ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	505722	43.443	ng	96
62) 4-Nitroaniline	10.36	138	257207	39.927	ng	98
63) Azobenzene	10.48	77	947430	45.245	ng	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	187083	48.525	ng	97
66) n-Nitrosodiphenylamine	10.44	169	908969	43.570	ng	98
67) 4-Bromophenyl-phenylether	10.81	248	345223	41.452	ng	92
68) Hexachlorobenzene	10.88	284	397438	41.391	ng	98
69) Atrazine	10.97	200	320857	44.019	ng	98
70) Pentachlorophenol	11.08	266	340703	88.084	ng	99
71) Phenanthrene	11.29	178	1488266	42.832	ng	98
72) Anthracene	11.34	178	1541878	44.412	ng	99
73) Carbazole	11.50	167	1322555	42.761	ng	99
74) Di-n-butylphthalate	11.83	149	1683805	44.955	ng	98
75) Fluoranthene	12.47	202	1587481	43.042	ng	99
77) Benzidine	12.59	184	739715	40.927	ng	99
78) Pyrene	12.70	202	1564349	43.836	ng	99
80) Butylbenzylphthalate	13.32	149	690029	45.943	ng	96
81) Benzo(a)anthracene	13.89	228	1272545	42.025	ng	99
82) 3,3'-Dichlorobenzidine	13.85	252	315250	26.811	ng	99
83) Chrysene	13.93	228	1227600	40.686	ng	99
84) Bis(2-ethylhexyl)phthalate	13.88	149	909621	47.939	ng	100
85) Di-n-octyl phthalate	14.49	149	1424018	47.102	ng	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	1165190	39.883	ng	100
88) Benzo(b)fluoranthene	14.92	252	1043559	43.392	ng	99
89) Benzo(k)fluoranthene	14.94	252	1080755	48.492	ng	100
90) Benzo(a)pyrene	15.27	252	942654	43.430	ng	97
91) Dibenzo(a,h)anthracene	16.73	278	968266	50.699	ng	99
92) Benzo(g,h,i)perylene	17.15	276	1002686	53.137	ng	99

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



#1

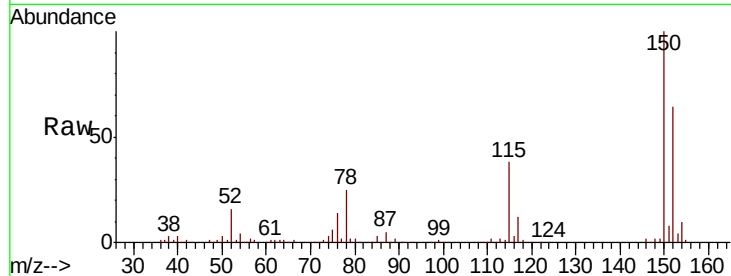
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.0	184.6
115	59.4	49.5	74.3

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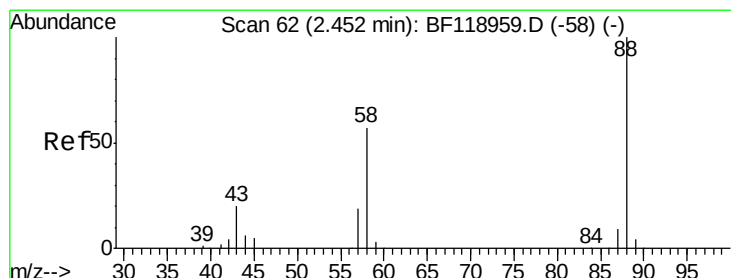
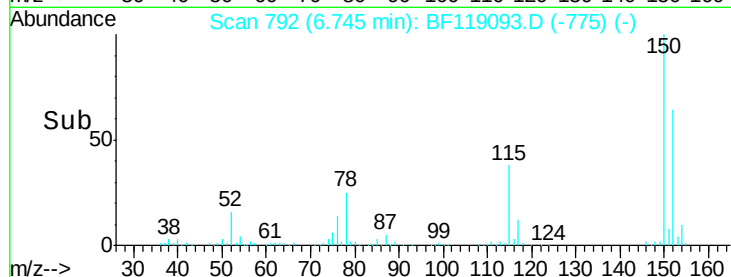
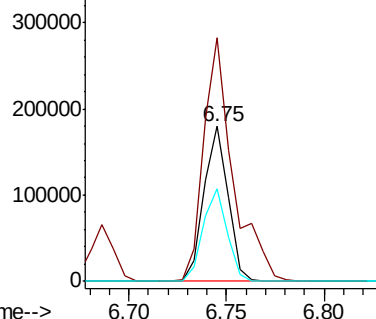


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

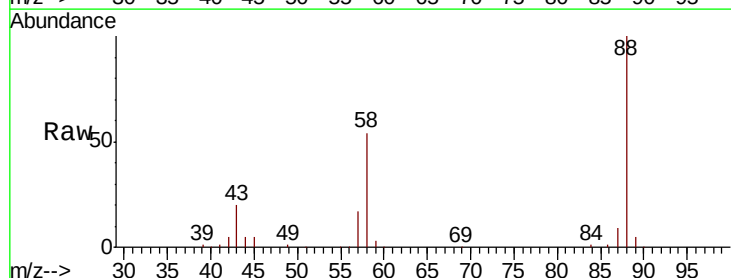
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.278 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.06 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.9	43.8	65.6
43	21.1	16.2	24.4

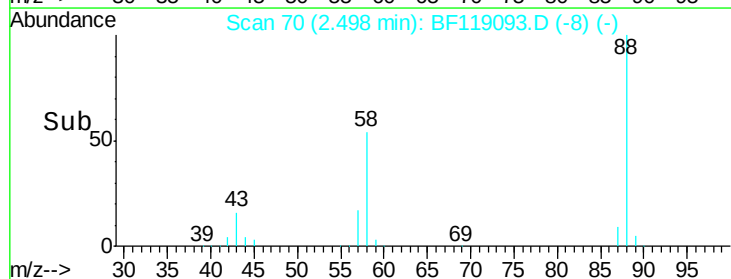
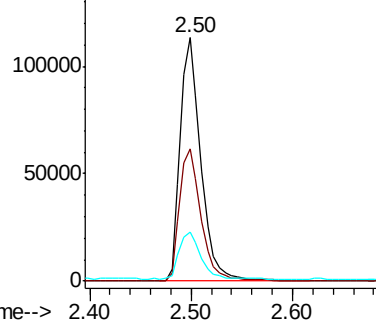


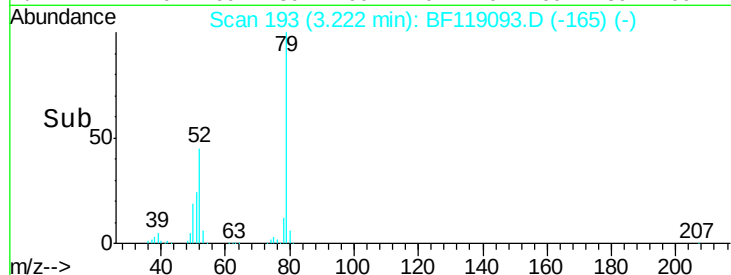
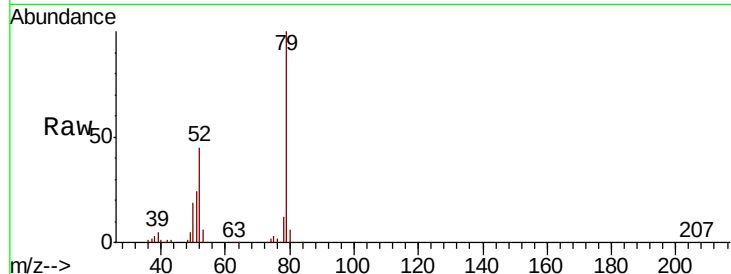
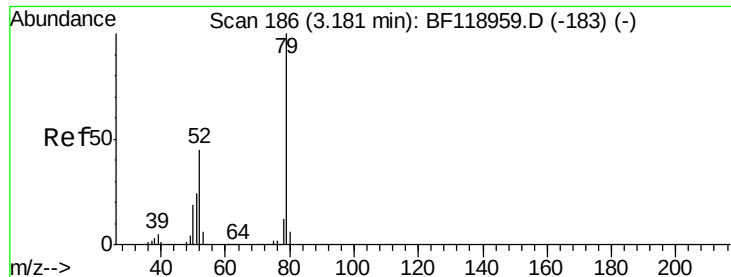
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





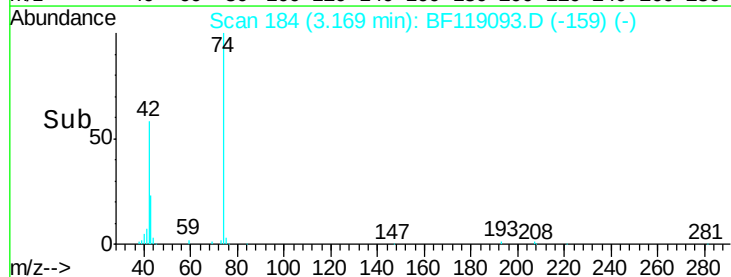
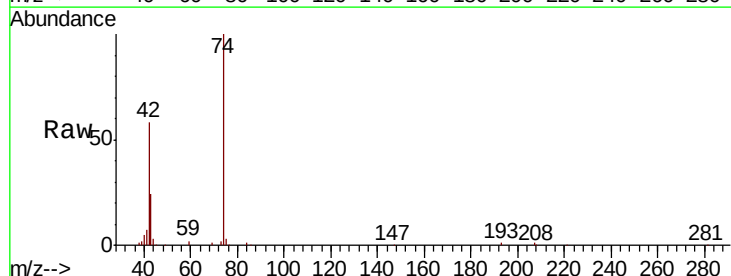
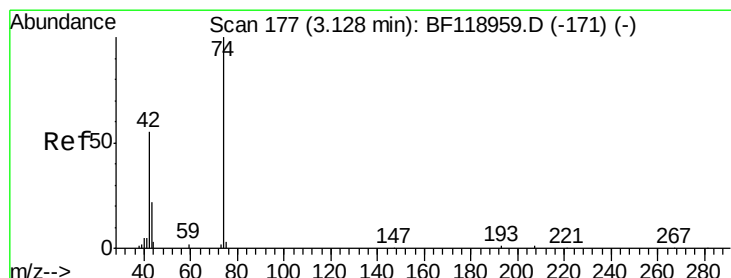
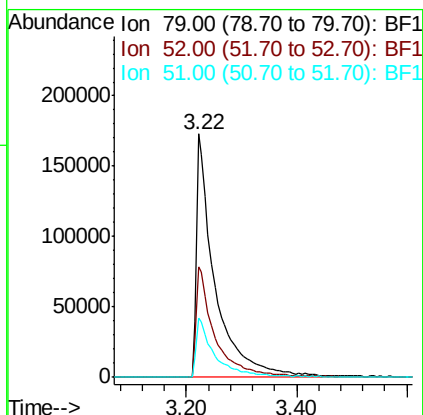
#3
 Pvridine
 Concen: 36.066 ng
 RT: 3.22 min Scan# 193
 Delta R.T. 0.06 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Tot Ion	Ratio	Lower	Upper
79	100		
52	45.5	37.4	56.0
51	24.2	19.8	29.6

Instrument :
 BNA_F
 ClientSampleId :
 SH-BORING-2MS

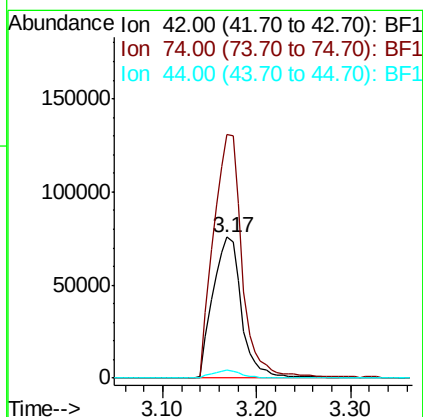
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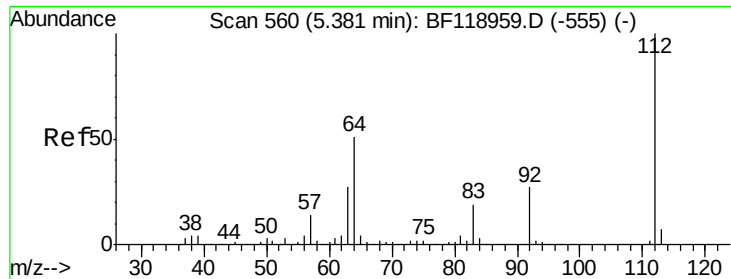
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#4
 n-Nitrosodimethylamine
 Concen: 47.762 ng
 RT: 3.17 min Scan# 184
 Delta R.T. 0.05 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Lower	Upper
42	100		
74	172.5	137.7	206.5
44	5.5	4.5	6.7





#5

2-Fluorophenol

Concen: 65.906 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Instrument :

BNA_F

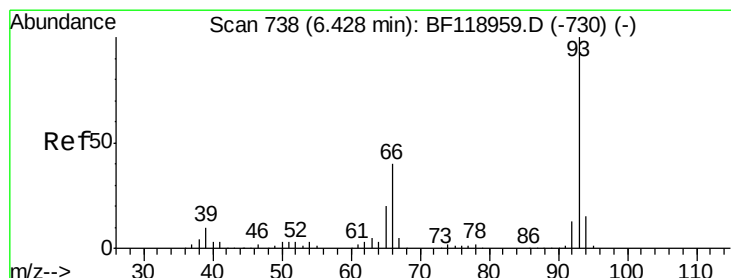
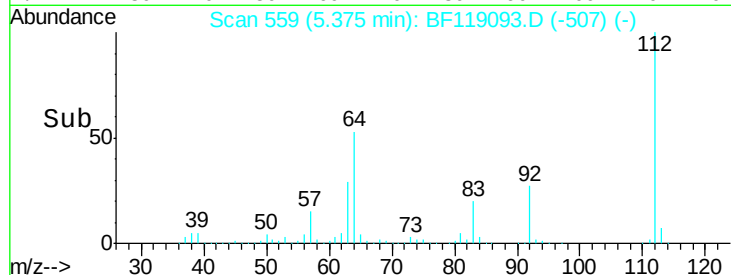
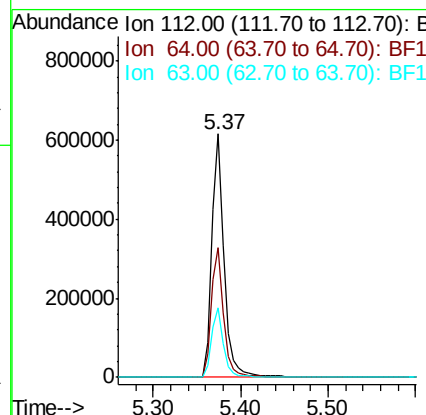
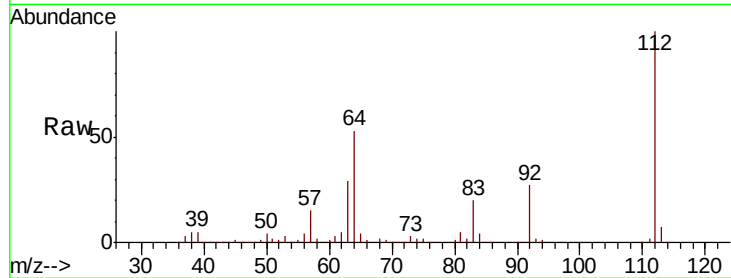
ClientSampleId :

SH-BORING-2MS

Tot Ion:	112	Resp:	605468
Ion Ratio	Lower	Upper	
112	100		
64	53.4	45.0	67.4
63	28.6	24.2	36.4

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#6

Aniline

Concen: 34.896 ng

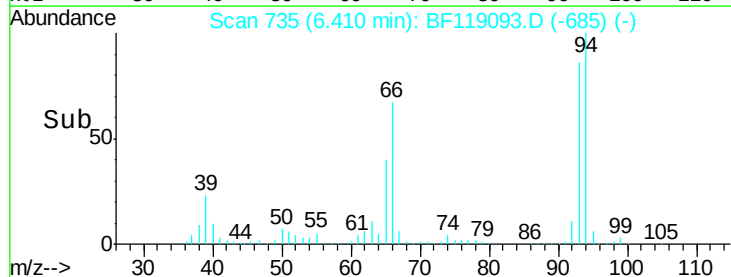
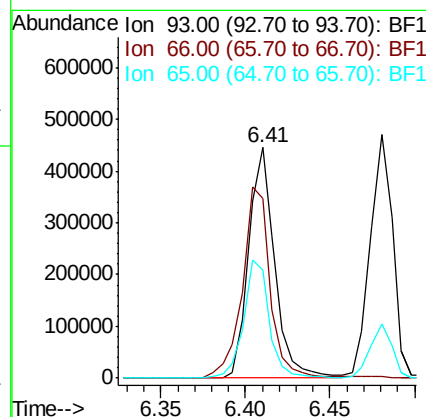
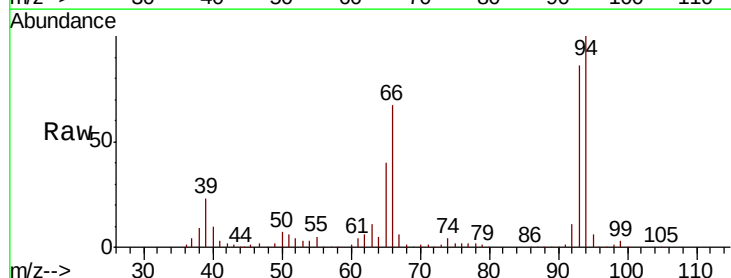
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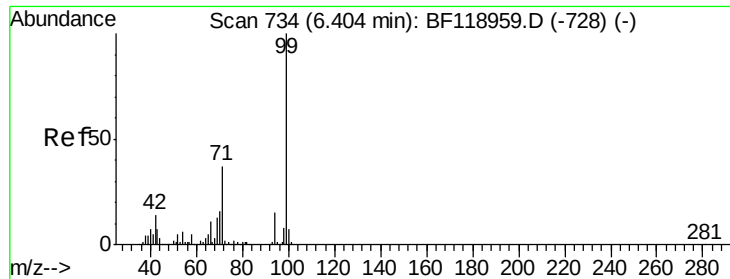
Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Tgt Ion:	93	Resp:	481094
Ion Ratio	Lower	Upper	
93	100		
66	78.2	74.5	111.7
65	46.6	45.3	67.9





#7

Phenol-d6

Concen: 65.389 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Instrument :

BNA_F

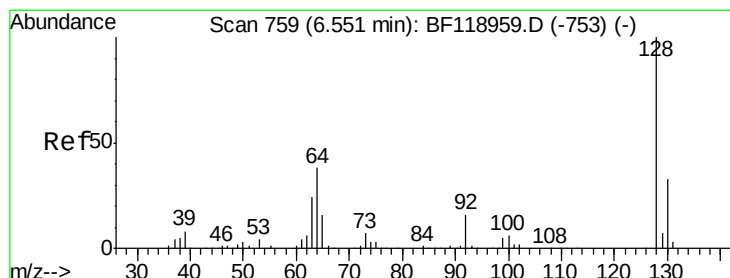
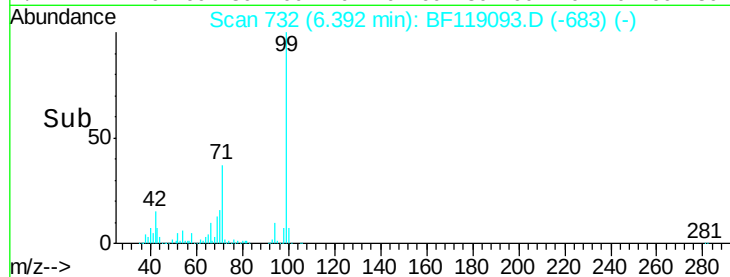
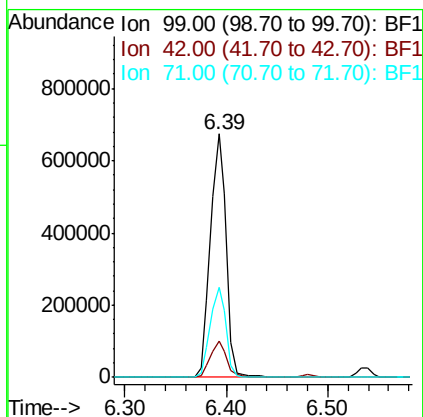
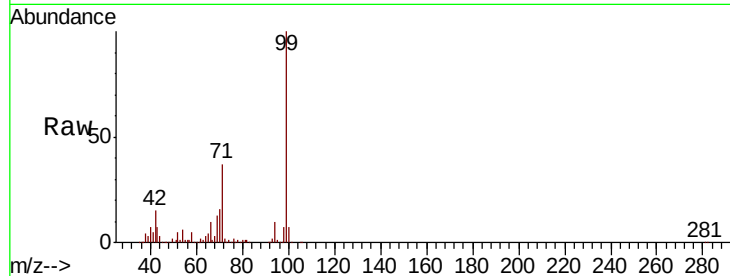
ClientSampleId :

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Tot Ion:	99	Resp:	730583
Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.6	18.8
71	37.2	31.0	46.4

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#8

2-Chlorophenol

Concen: 49.413 ng

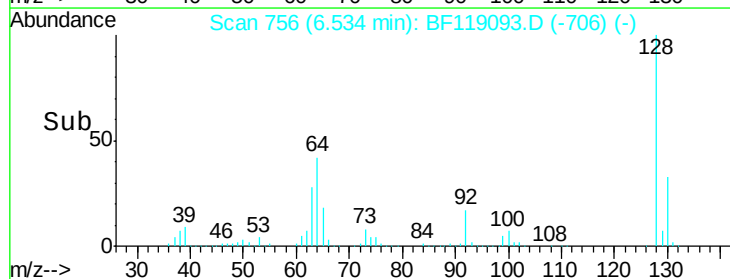
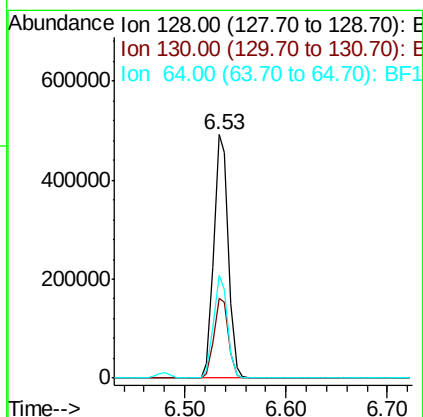
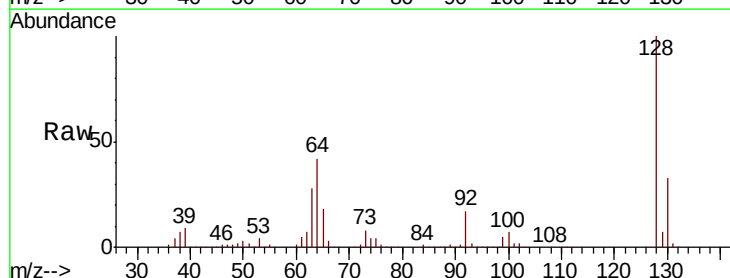
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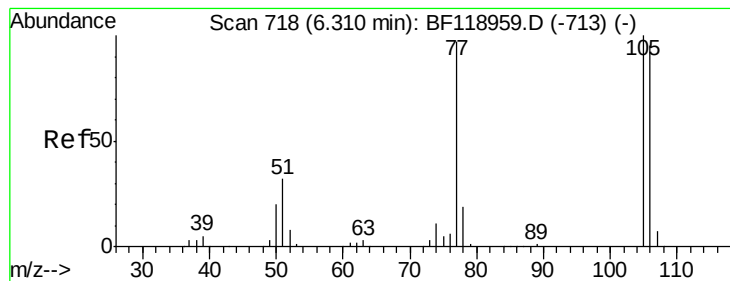
Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Tgt Ion:	128	Resp:	489895
Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.7	52.7
64	42.3	22.3	62.3





#9

Benzaldehyde

Concen: 26.839 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Instrument :

BNA_F

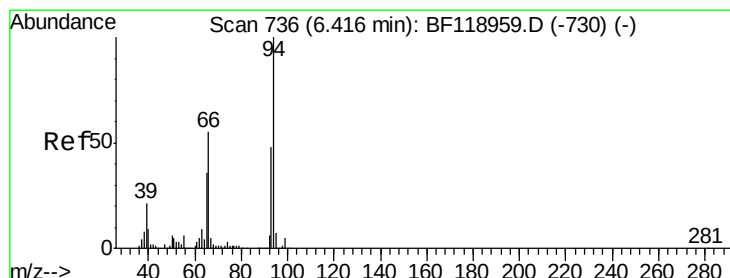
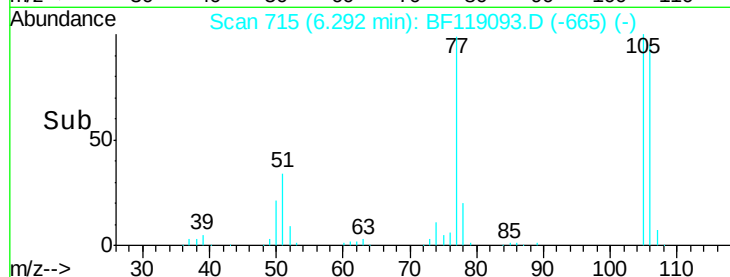
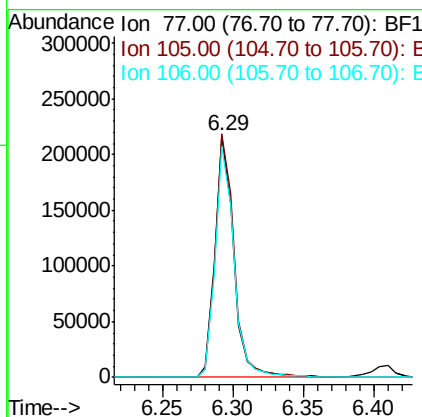
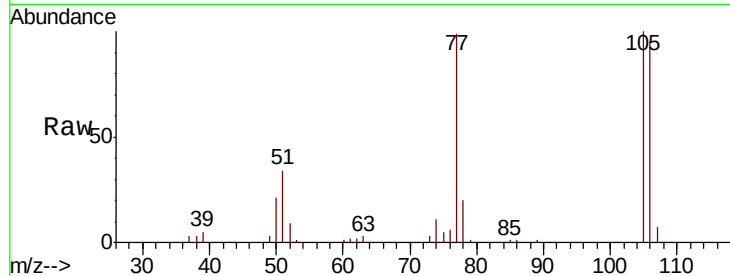
ClientSampleId :

SH-BORING-2MS

Tot Ion:	77	Resp:	200346
Ion Ratio	Lower	Upper	
77	100		
105	101.0	80.1	120.1
106	95.6	75.9	115.9

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#10

Phenol

Concen: 47.711 ng

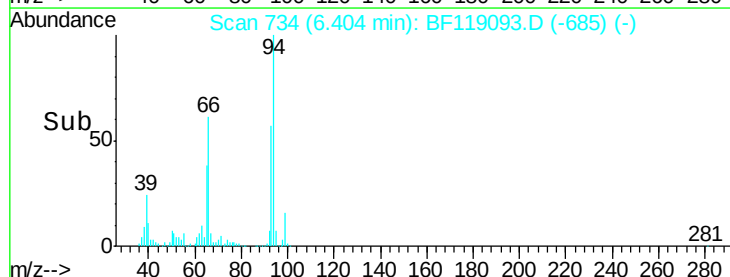
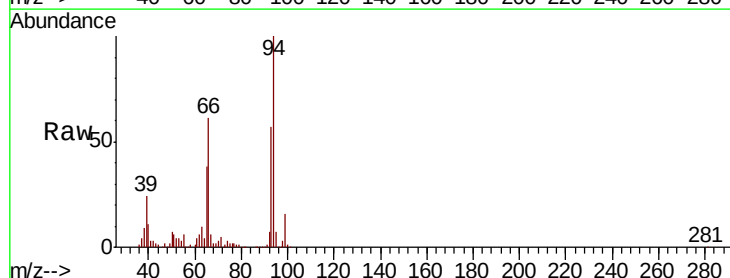
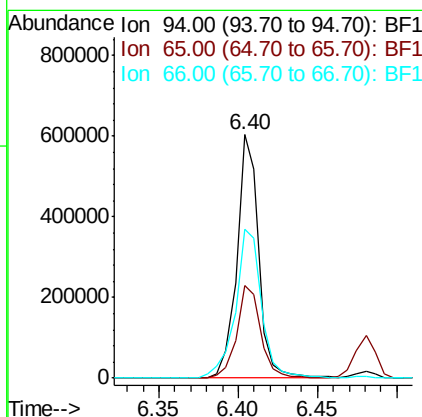
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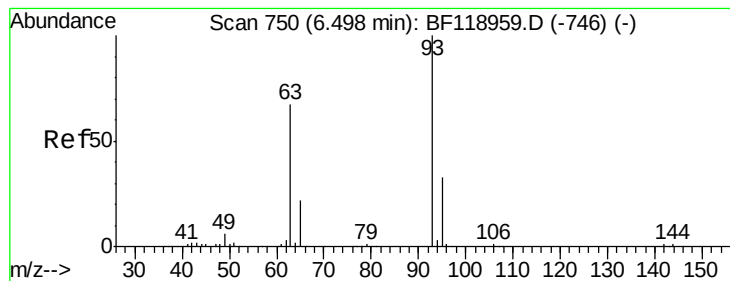
Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Tgt Ion:	94	Resp:	576346
Ion Ratio	Lower	Upper	
94	100		
65	38.0	19.2	59.2
66	61.1	44.4	84.4





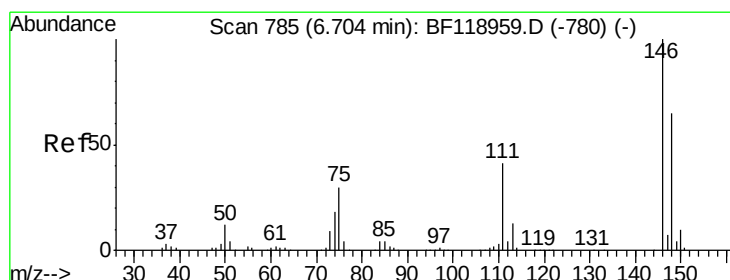
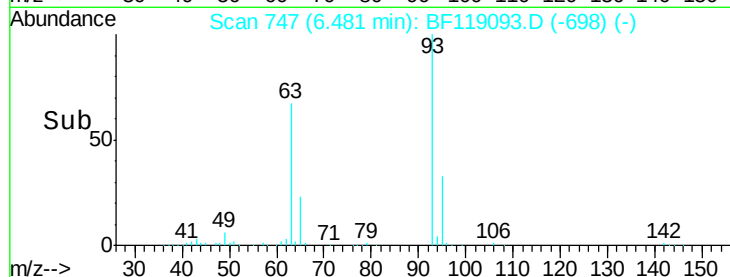
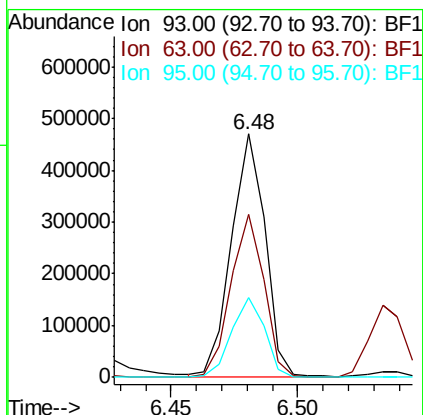
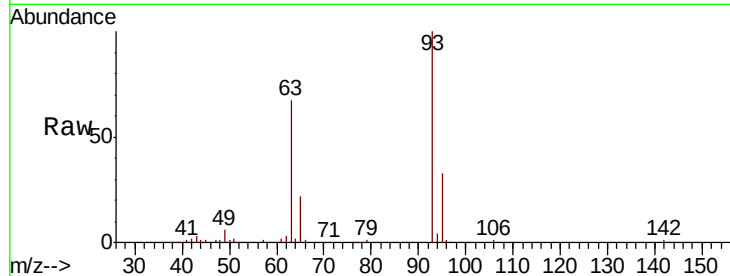
#11
bis(2-Chloroethyl)ether
Concen: 46.905 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	433535		
63	66.9		45.4	85.4
95	32.8		13.5	53.5

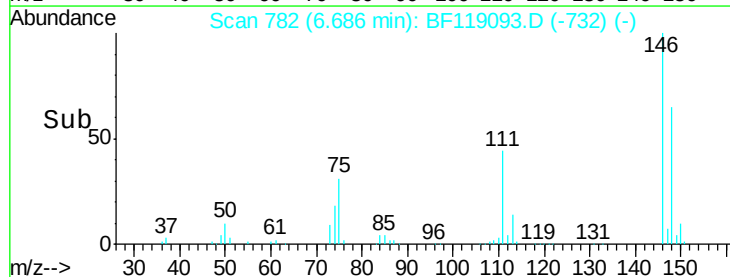
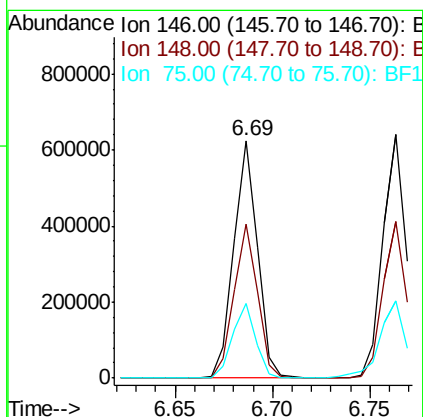
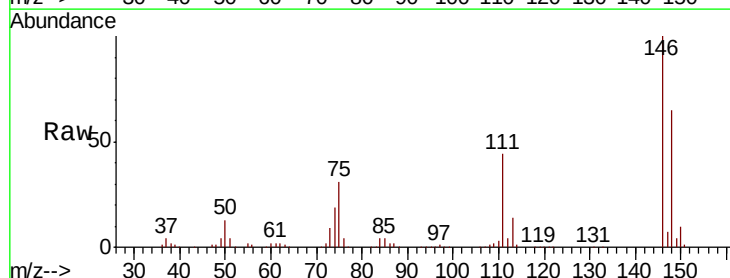
Manual Integrations
APPROVED

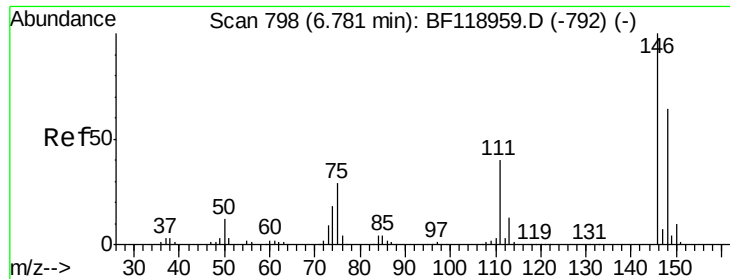
mohammad
2/27/2020 4:58:24 PM



#12
1,3-Dichlorobenzene
Concen: 44.365 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	527185		
148	64.8		52.5	78.7
75	31.5		23.6	35.4





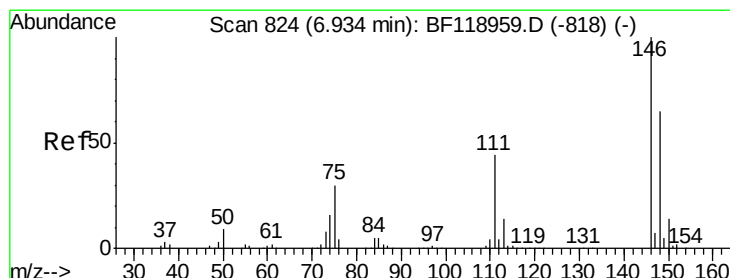
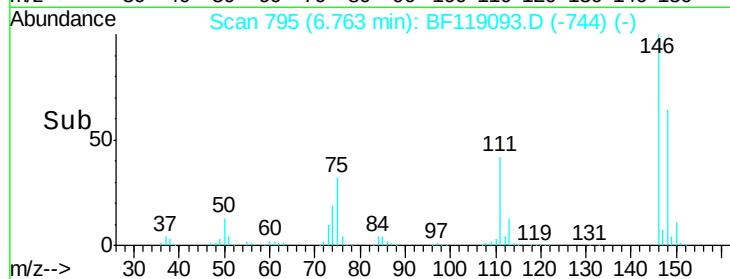
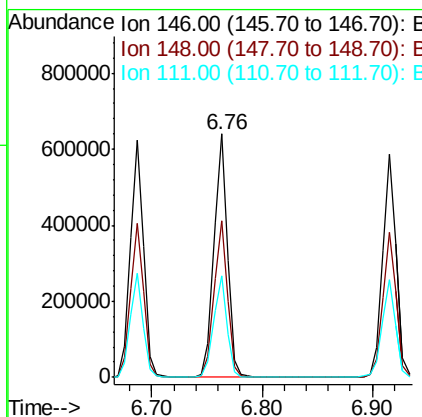
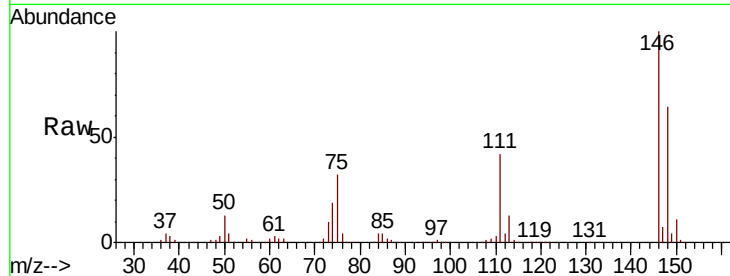
#13
 1,4-Dichlorobenzene
 Concen: 45.105 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Instrument :
 BNA_F
 ClientSampleId :
 SH-BORING-2MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.1	76.7
111	41.6	34.8	52.2

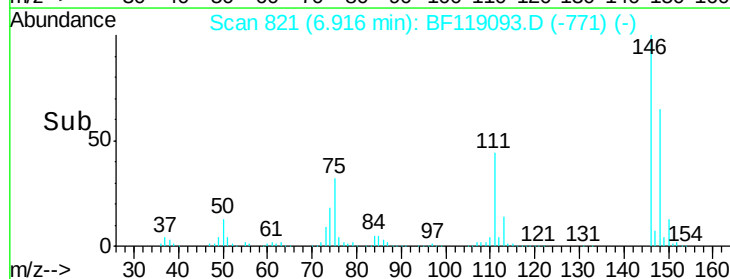
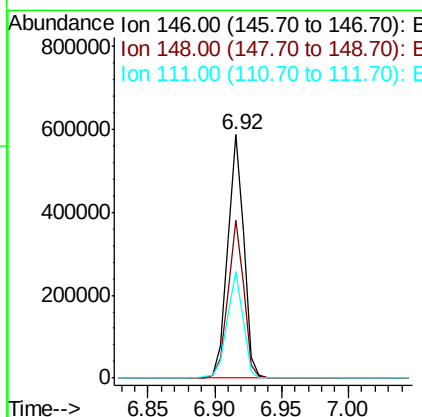
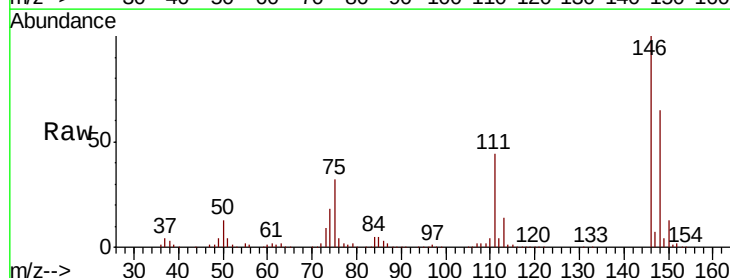
Manual Integrations
 APPROVED

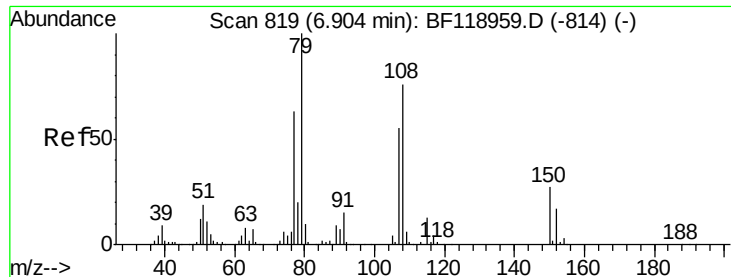
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 46.459 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.9	77.9
111	43.7	36.2	54.2





#15

Benzyl Alcohol

Concen: 50.210 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Instrument :

BNA_F

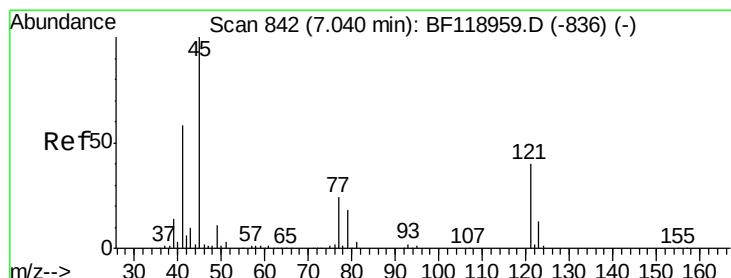
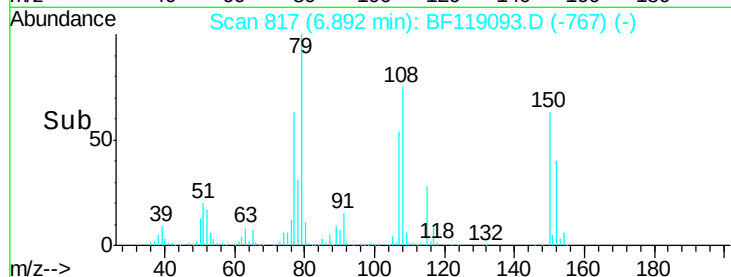
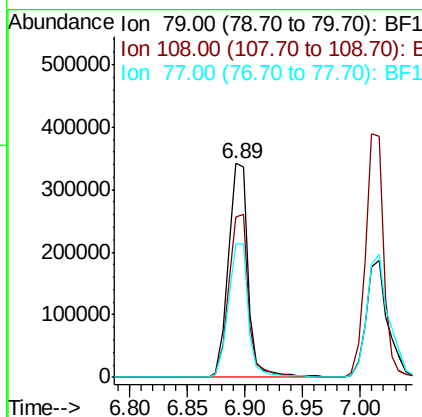
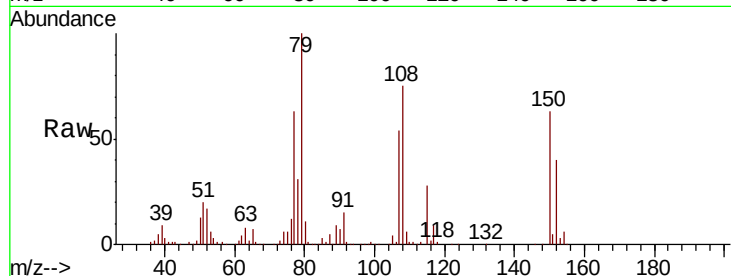
ClientSampleId :

SH-BORING-2MS

Tot Ion:	79	Resp:	405448
Ion Ratio	Lower	Upper	
79	100		
108	75.2	58.2	87.2
77	62.6	51.2	76.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.787 ng

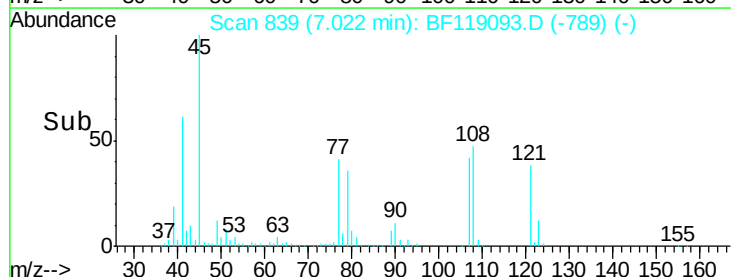
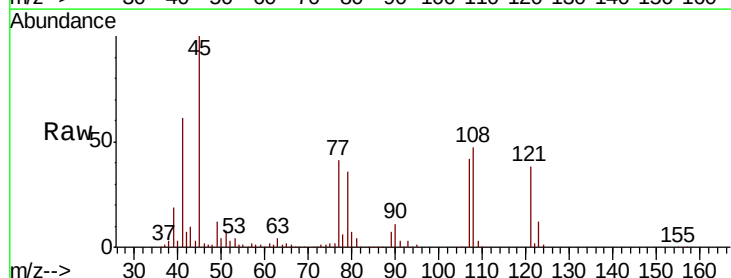
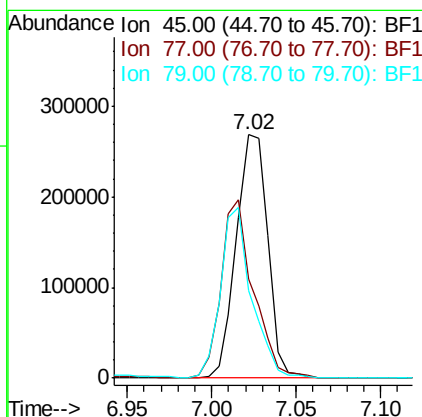
RT: 7.02 min Scan# 839

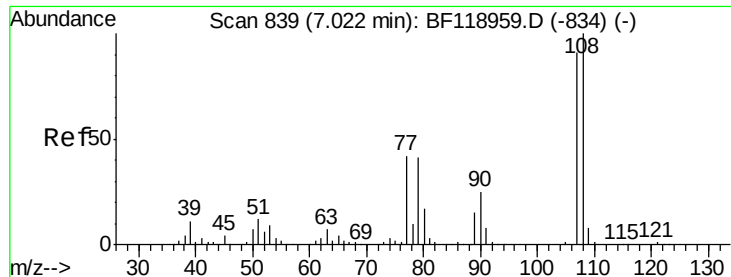
Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Tgt Ion:	45	Resp:	350588
Ion Ratio	Lower	Upper	
45	100		
77	40.8	15.0	55.0
79	35.8	9.4	49.4





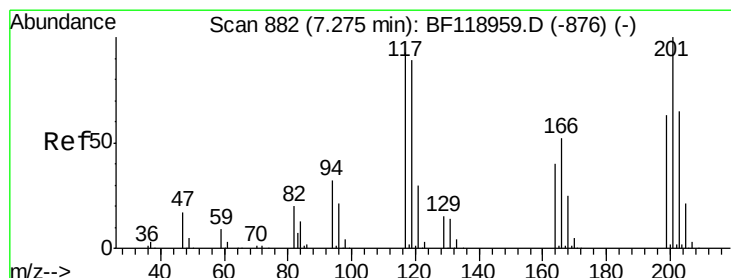
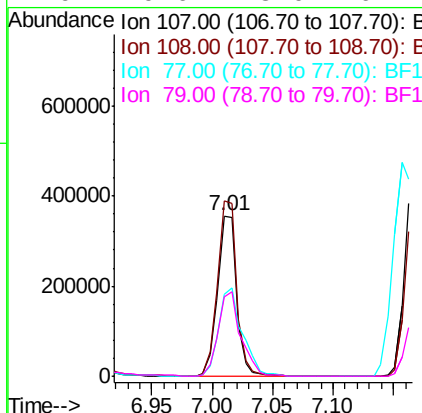
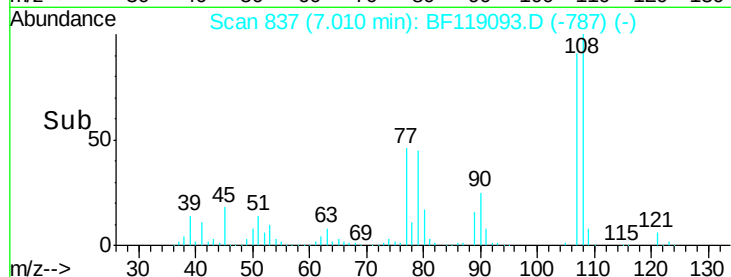
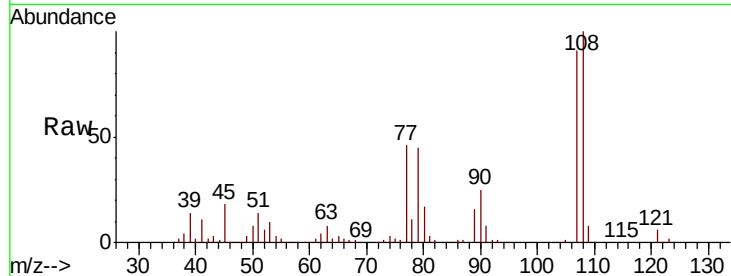
#17
2-Methylphenol
Concen: 48.175 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.6	87.9	131.9	
77	50.9	45.3	67.9	
79	49.6	43.0	64.4	

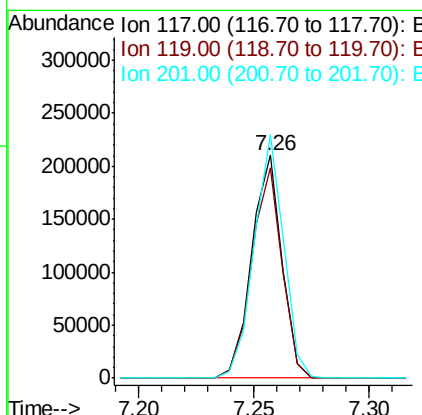
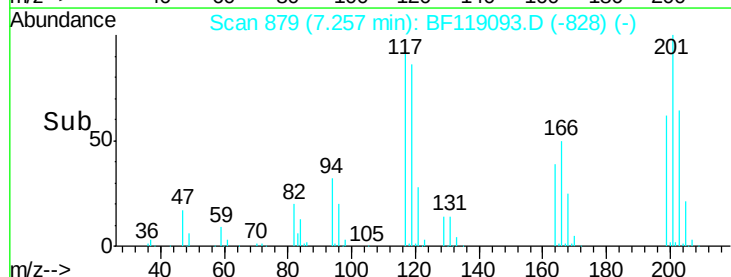
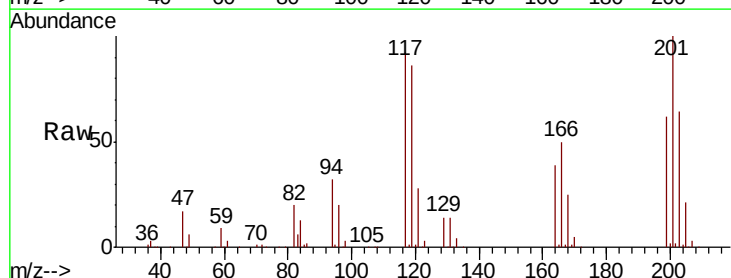
Manual Integrations
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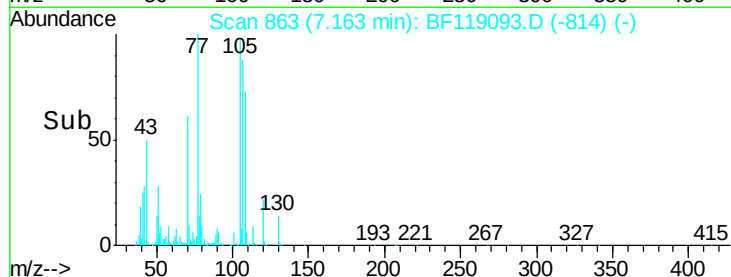
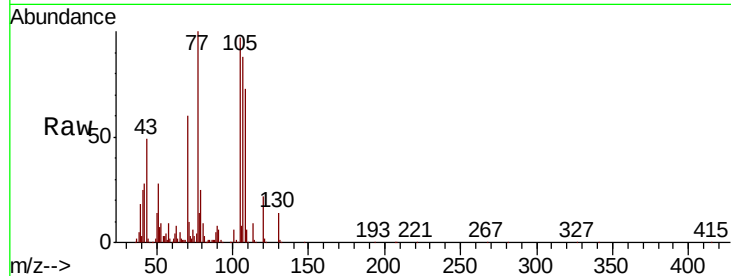
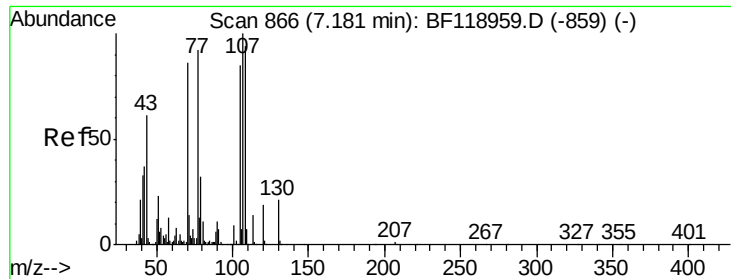
mohammad
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#18
Hexachloroethane
Concen: 44.950 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.1	77.5	116.3	
201	109.2	82.6	123.8	





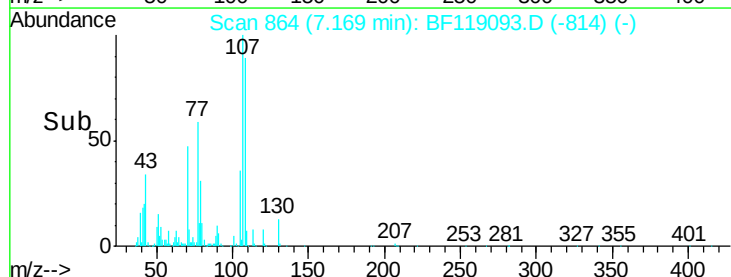
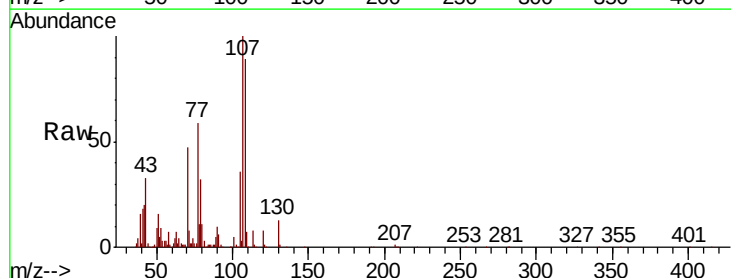
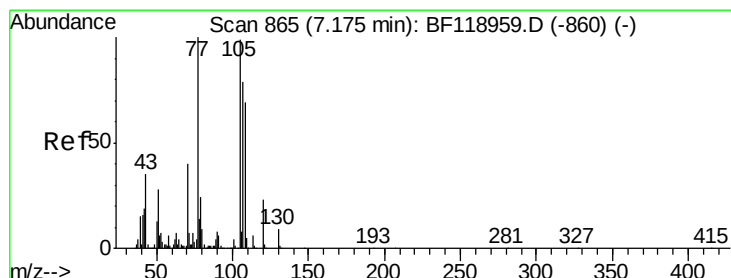
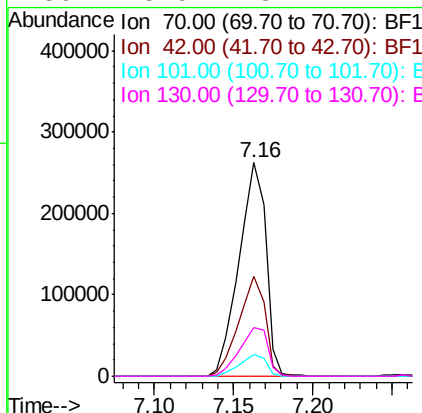
#19
n-Nitroso-di-n-propylamine
Concen: 47.633 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.7	38.0	57.0
101	10.4	8.2	12.4
130	23.0	18.2	27.4

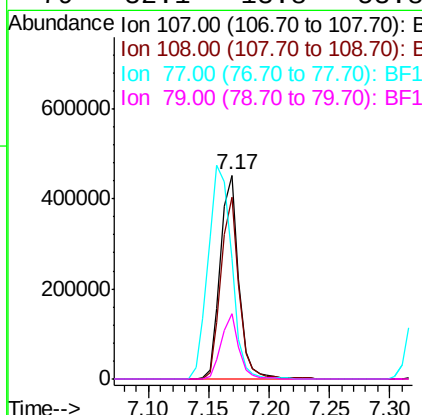
Manual Integrations
APPROVED

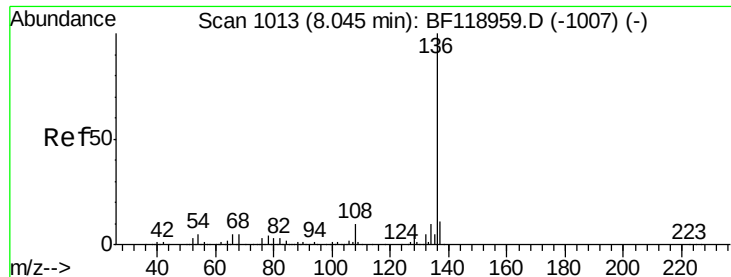
mohammad
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#20
3+4-Methylphenols
Concen: 48.370 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	71.5	111.5
77	59.1	45.9	85.9
79	32.1	13.8	53.8





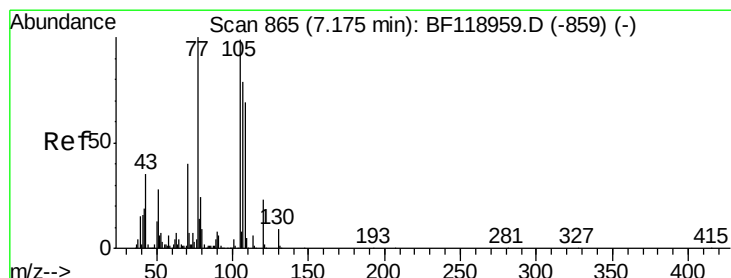
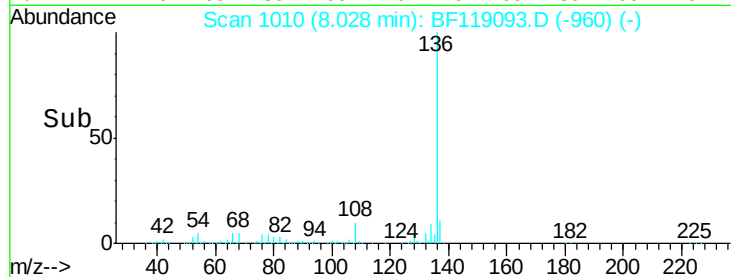
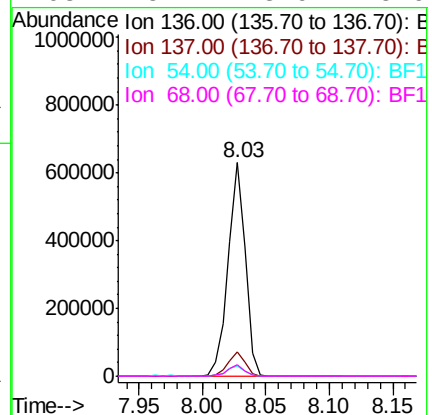
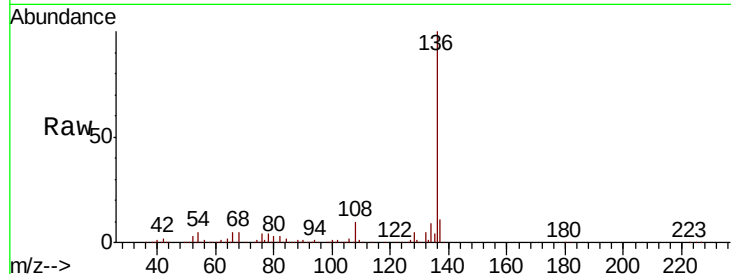
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	597825		
137	11.1	8.8	13.2	
54	4.8	3.8	5.6	
68	5.2	3.9	5.9	

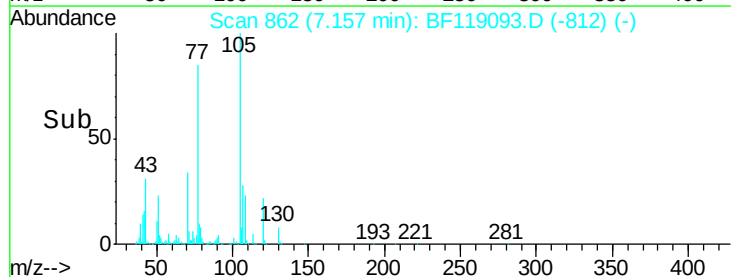
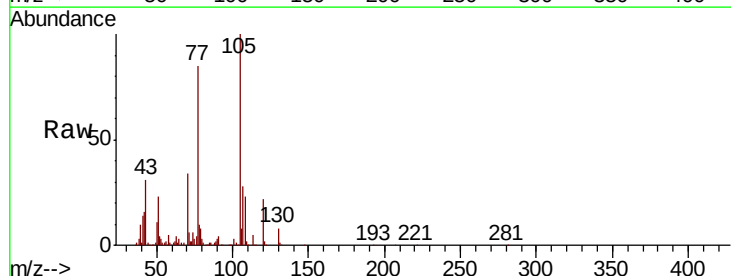
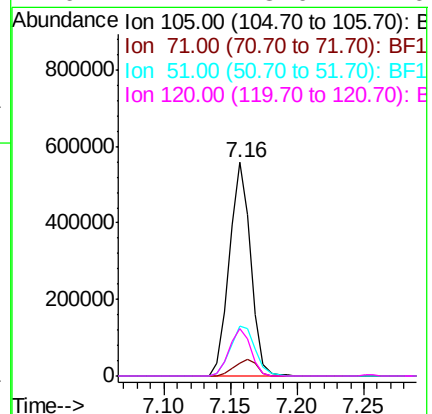
Manual Integrations
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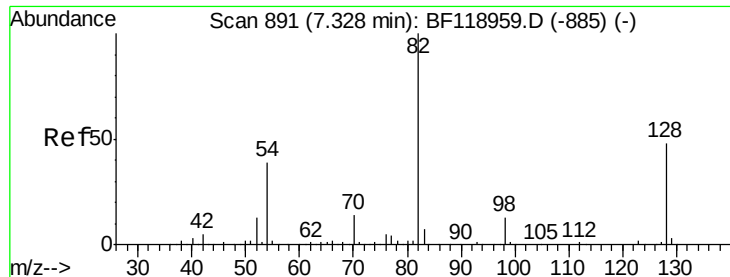
mohammad
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#22
Acetophenone
Concen: 45.591 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	630624		
71	5.7	3.0	4.4#	
51	23.3	20.1	30.1	
120	22.4	18.0	27.0	





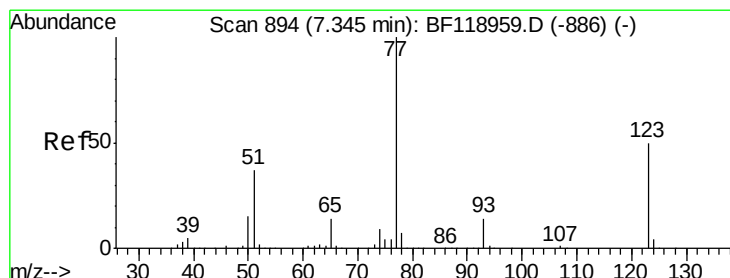
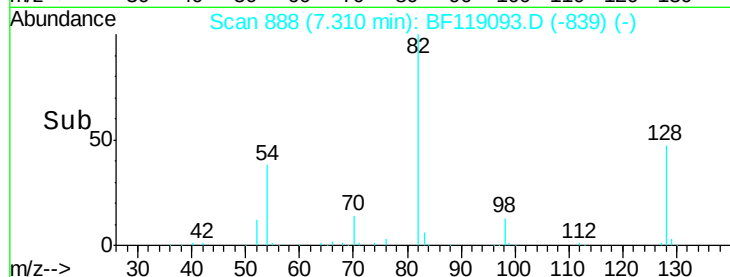
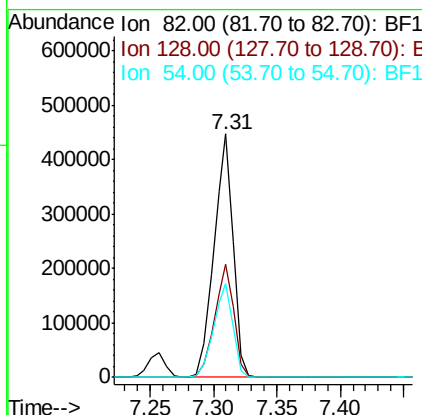
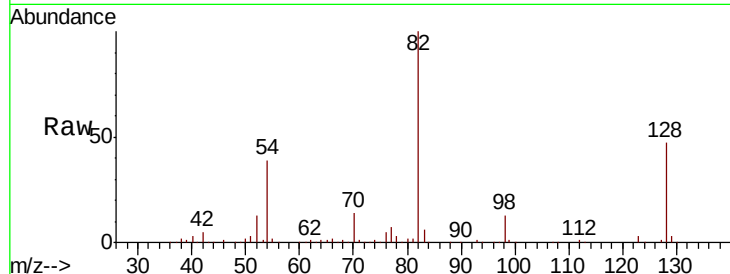
#23
Nitrobenzene-d5
Concen: 42.115 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MS

Tot Ion	82	Resp	476840
Ion Ratio	Lower	Upper	
82	100		
128	46.6	37.9	56.9
54	38.6	33.4	50.2

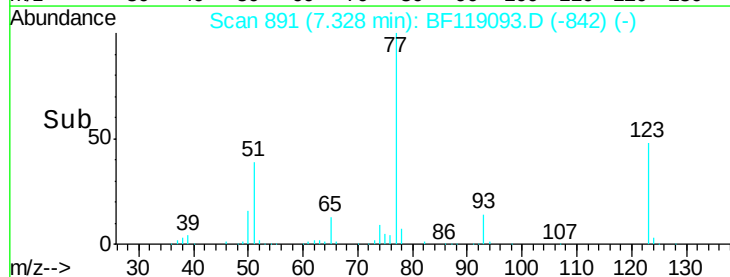
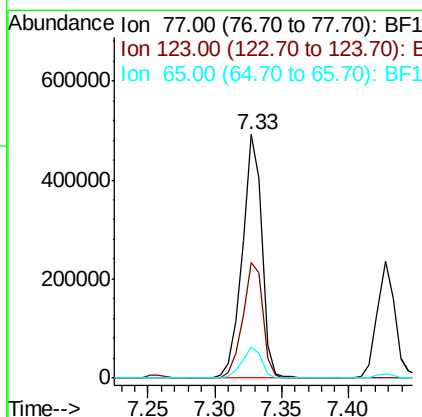
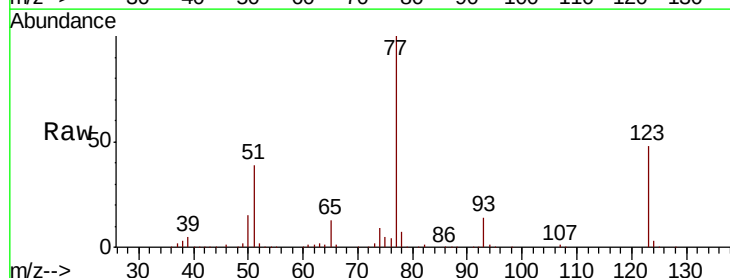
Manual Integrations
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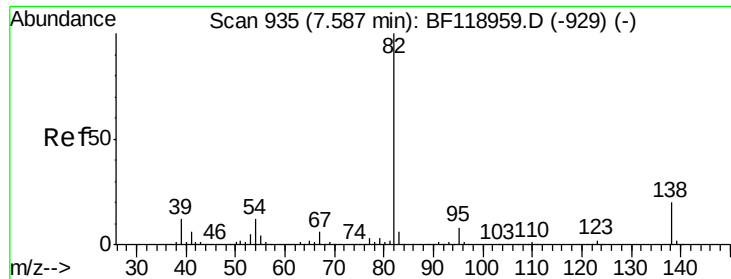
mohammad
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#24
Nitrobenzene
Concen: 44.364 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion	77	Resp	496737
Ion Ratio	Lower	Upper	
77	100		
123	47.7	40.2	60.2
65	13.0	10.8	16.2





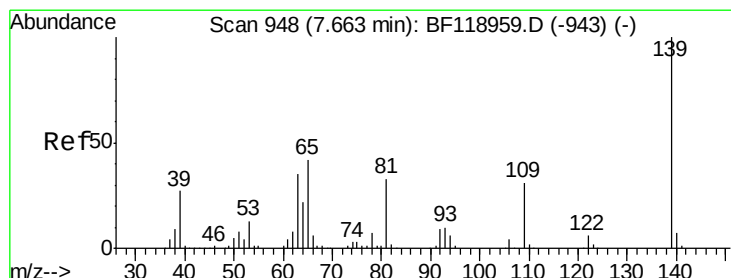
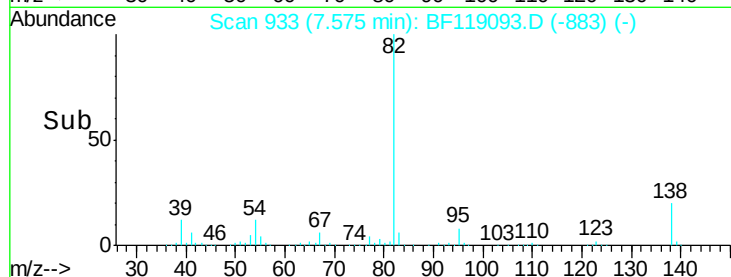
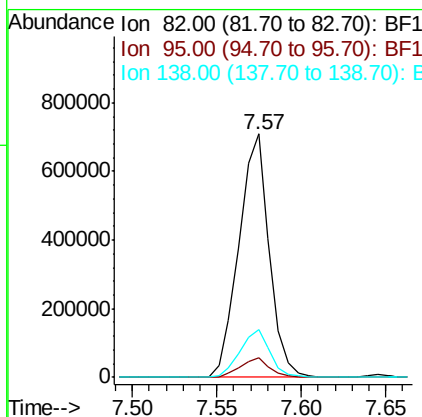
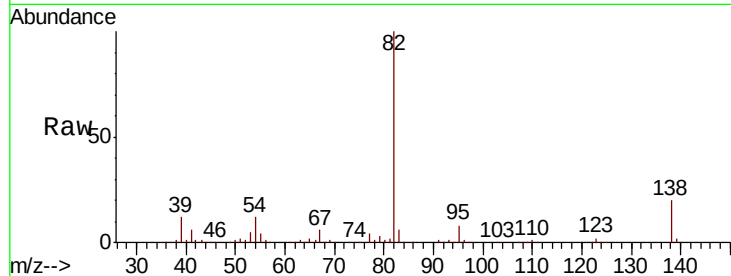
#25
Isophorone
Concen: 45.148 ng
RT: 7.57 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	887785		
95	7.8		6.4	9.6
138	19.6		15.7	23.5

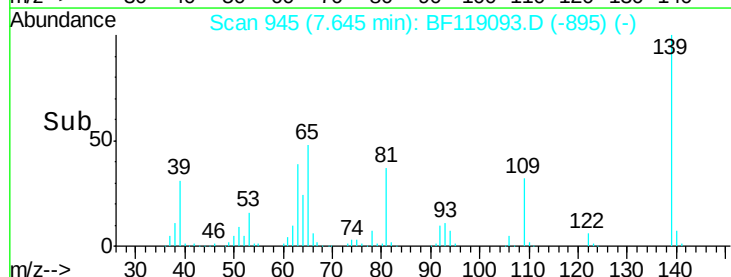
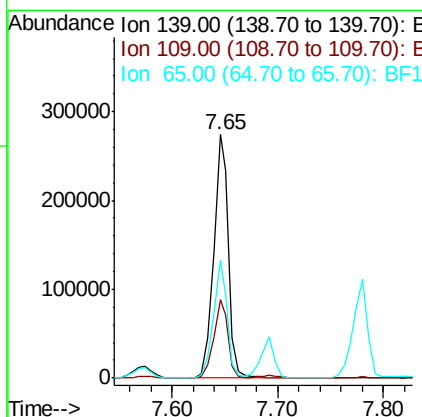
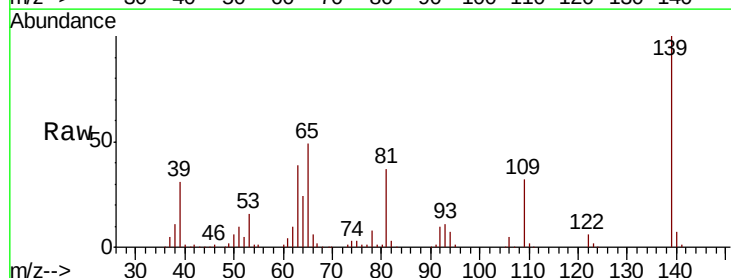
Manual Integrations
APPROVED

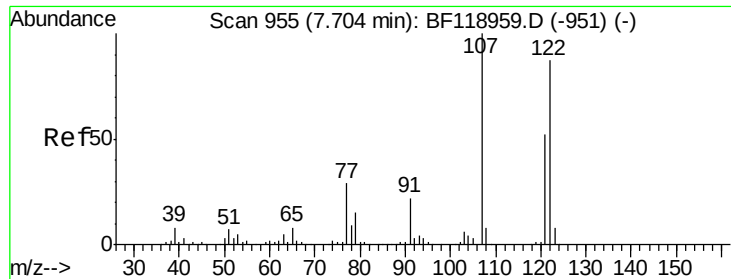
mohammad
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#26
2-Nitrophenol
Concen: 45.669 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	270934		
109	32.0		25.7	38.5
65	48.6		37.1	55.7





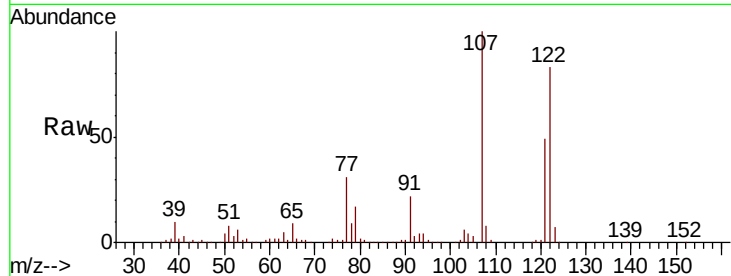
#27
2,4-Dimethylphenol
Concen: 51.372 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.6	93.8	140.6
121	59.5	48.2	72.2

Manual Integrations
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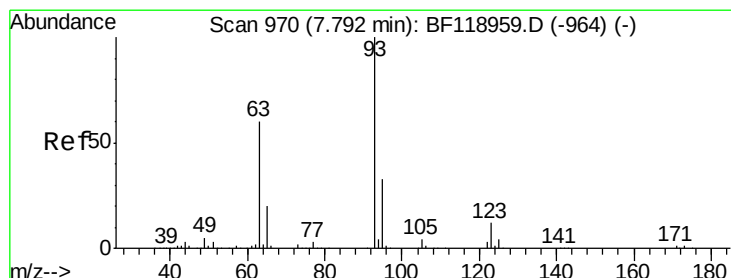
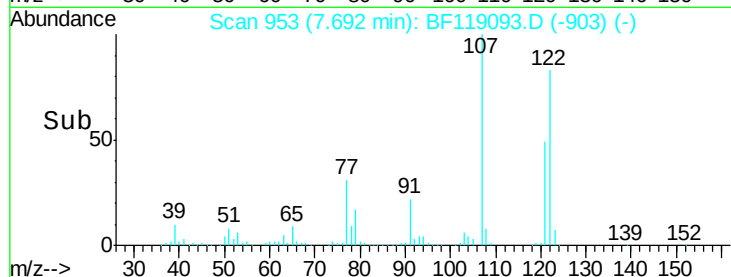
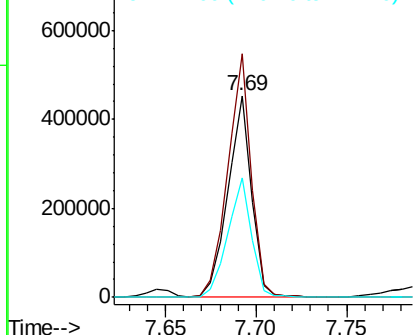


Abundance

Ion 122.00 (121.70 to 122.70): E

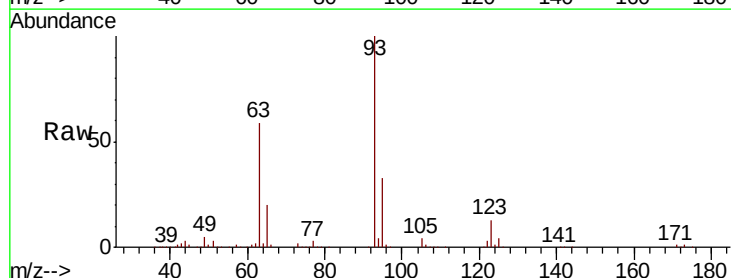
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 41.527 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.5	39.7
123	12.5	10.2	15.2

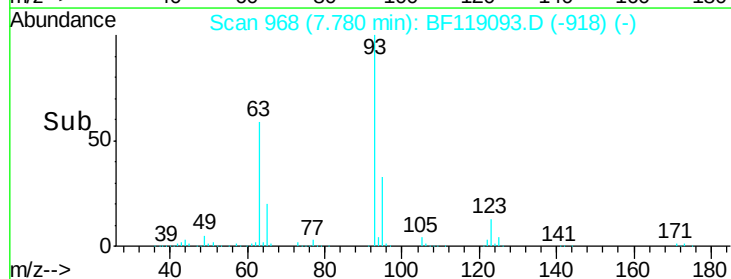
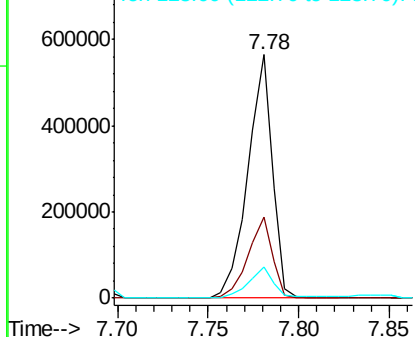


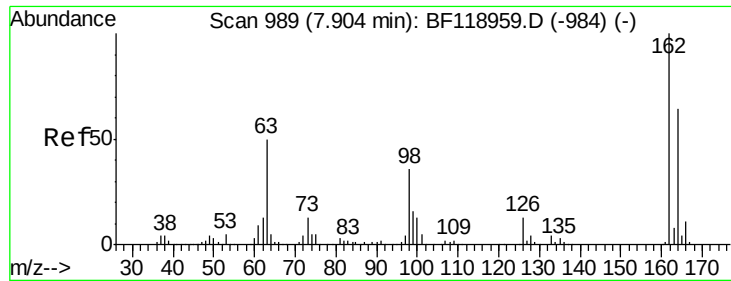
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





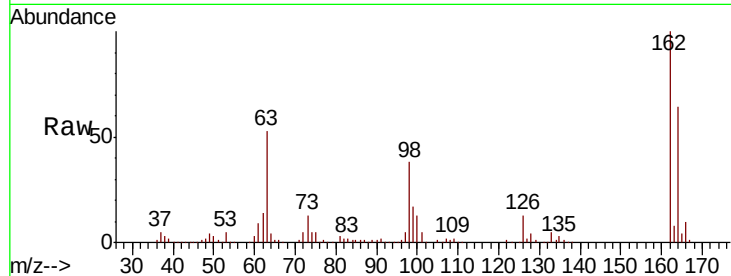
#29
2,4-Dichlorophenol
Concen: 44.349 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MS

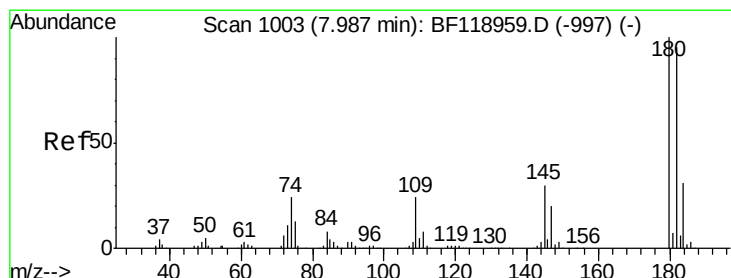
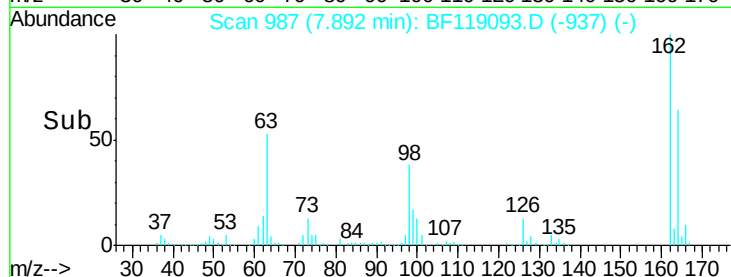
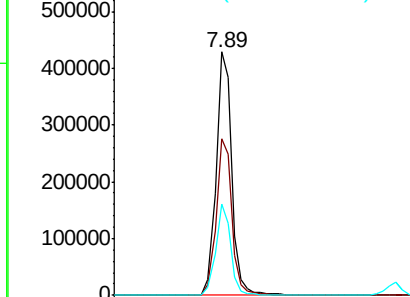
Tot Ion:	162	Resp:	420364
Ion Ratio	Lower	Upper	
162	100		
164	64.1	45.2	85.2
98	37.6	17.4	57.4

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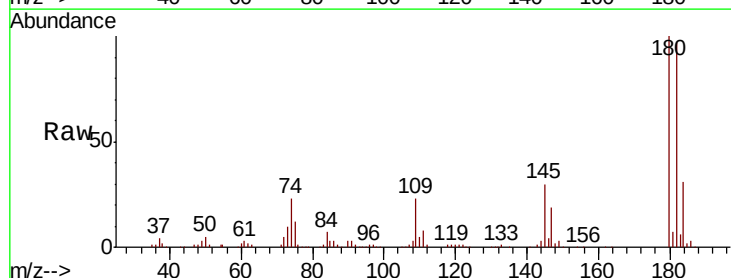


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

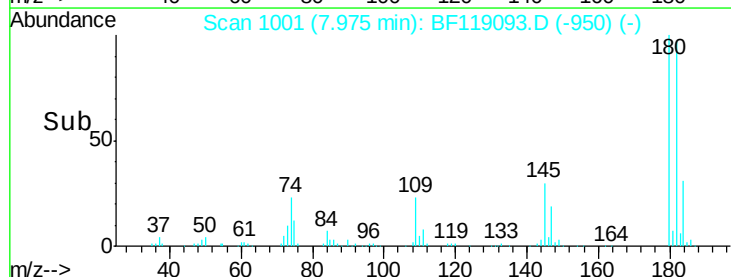
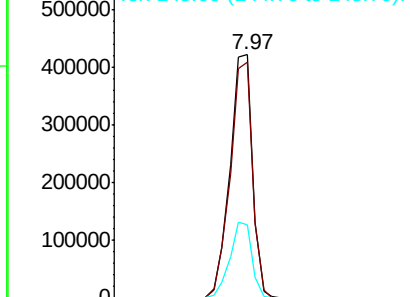


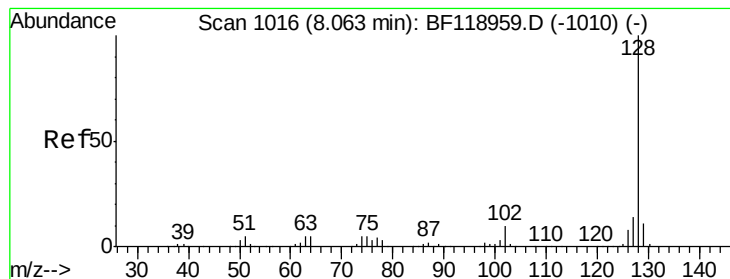
#30
1,2,4-Trichlorobenzene
Concen: 41.534 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion:	180	Resp:	466766
Ion Ratio	Lower	Upper	
180	100		
182	96.7	77.8	116.6
145	30.0	25.2	37.8



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





#31

Naphthalene

Concen: 43.902 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Instrument :

BNA_F

ClientSampleId :

SH-BORING-2MS

Tot Ion:128 Resp: 1361154

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.2

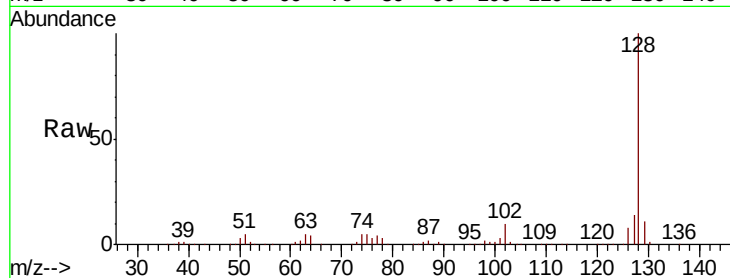
127 13.9 11.4 17.2

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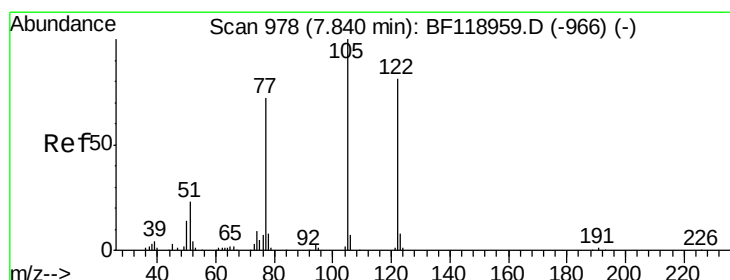
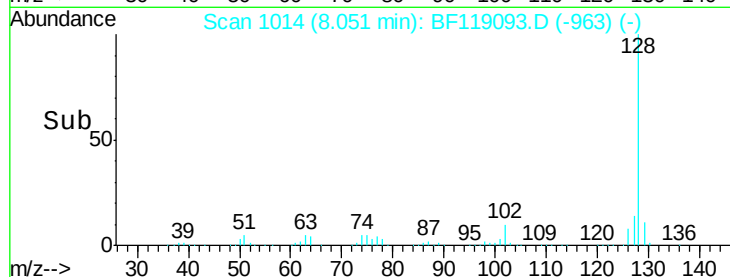
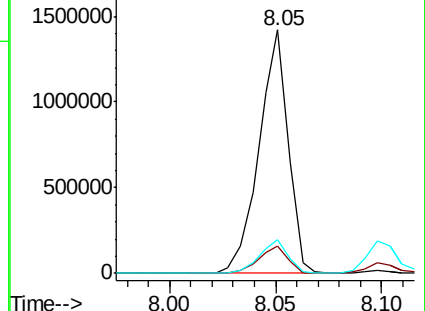
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.709 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

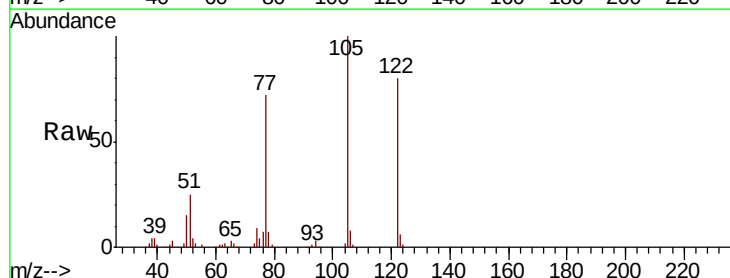
Tgt Ion:122 Resp: 273186

Ion Ratio Lower Upper

122 100

105 125.6 106.3 146.3

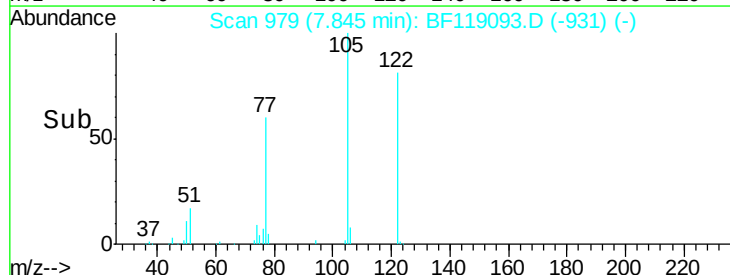
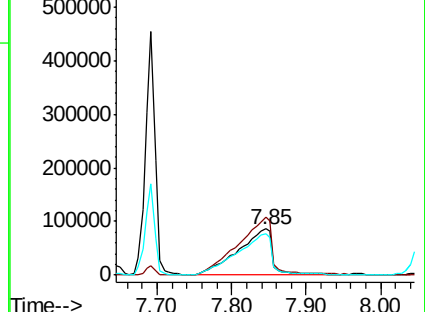
77 90.4 73.1 113.1

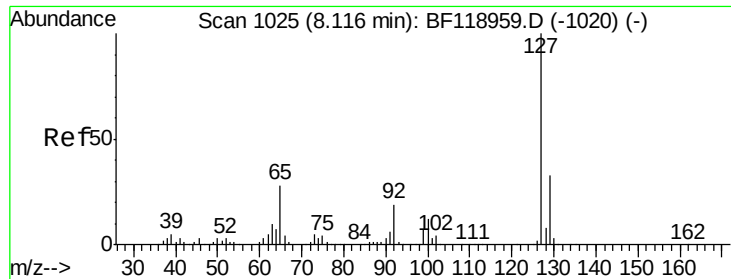


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





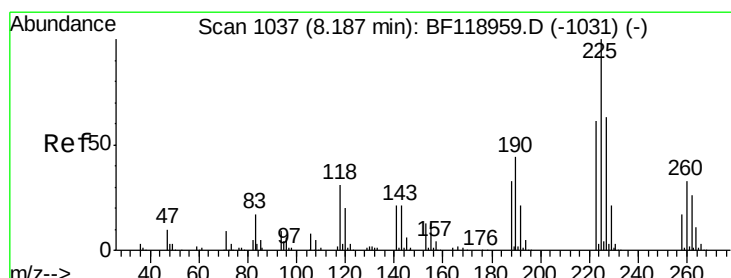
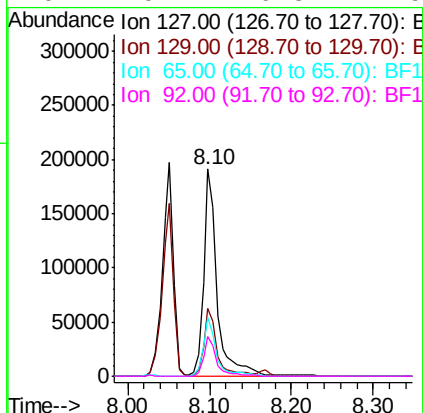
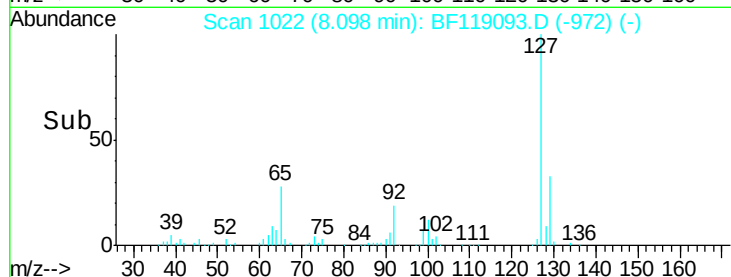
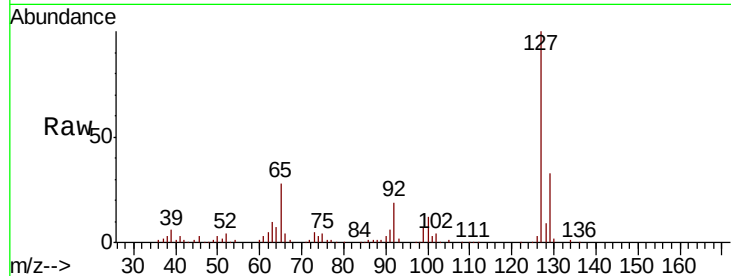
#33
4-Chloroaniline
Concen: 16.500 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	25.9	38.9		
65	28.5	23.9	35.9		
92	19.4	16.3	24.5		

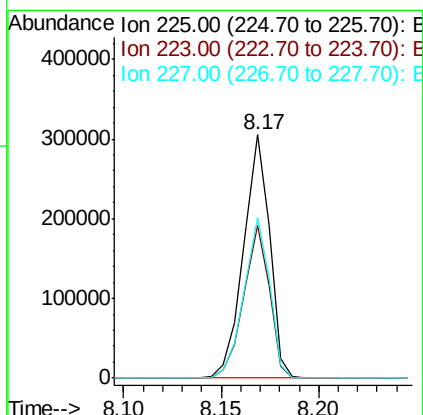
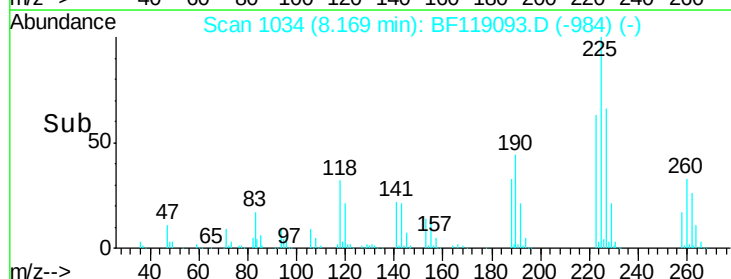
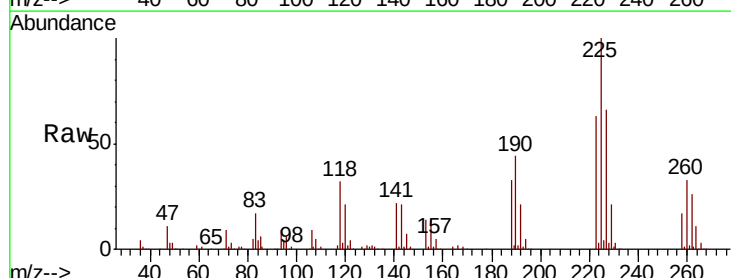
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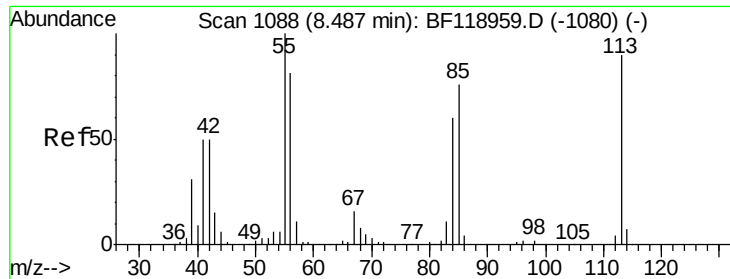
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#34
Hexachlorobutadiene
Concen: 40.406 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	49.4	74.2		
227	65.9	52.9	79.3		





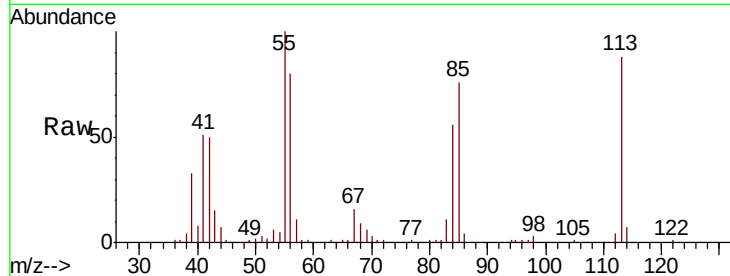
#35
 Caprolactam
 Concen: 46.728 ng/ml
 RT: 8.48 min Scan# 1087
 Delta R.T. -0.02 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Instrument :
 BNA_F
 ClientSampleId :
 SH-BORING-2MS

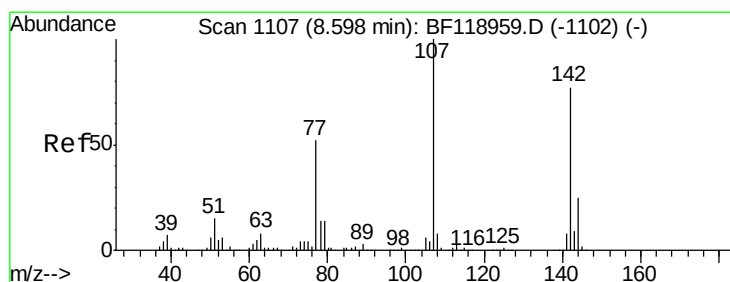
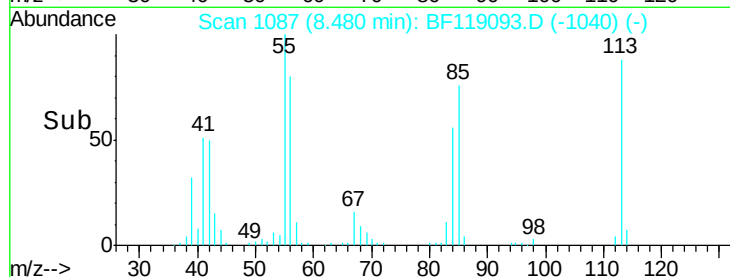
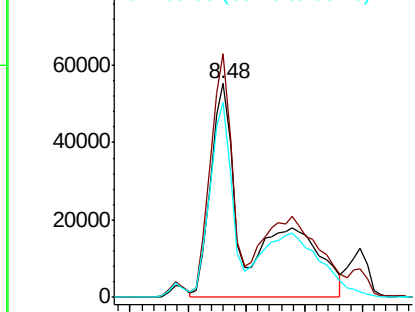
Tot Ion	Ratio	Lower	Upper
113	100		
55	113.7	95.7	135.7
56	91.4	73.1	113.1

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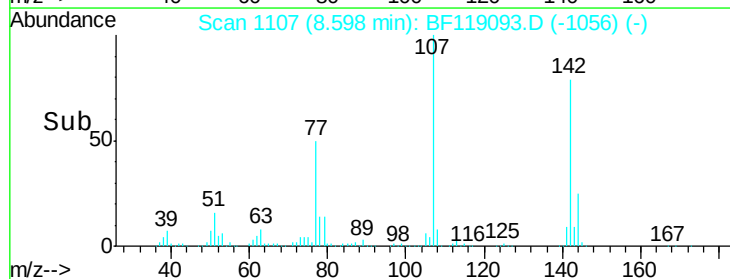
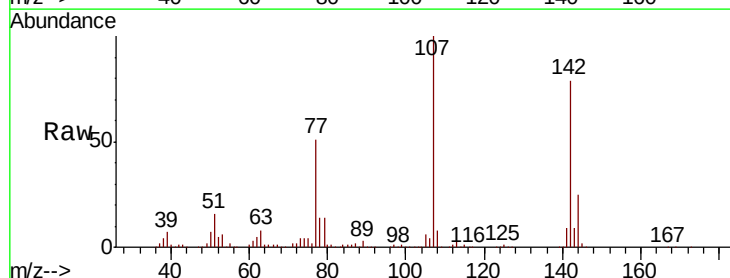
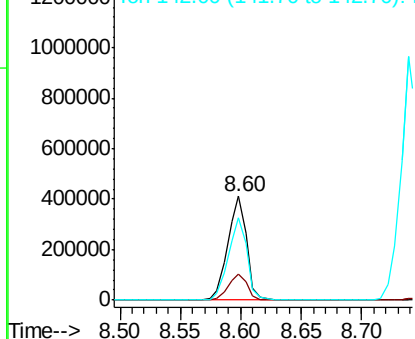
Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

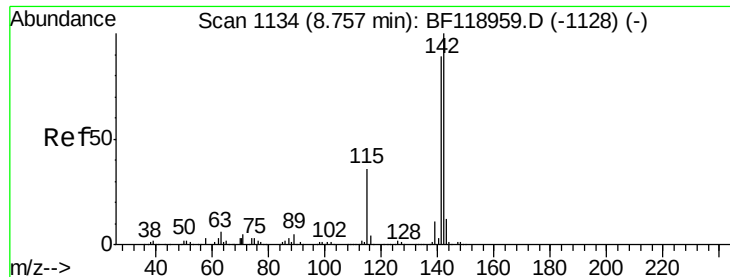


#36
 4-Chloro-3-methylphenol
 Concen: 46.260 ng/ml
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.1	30.1
142	79.0	61.4	92.2

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





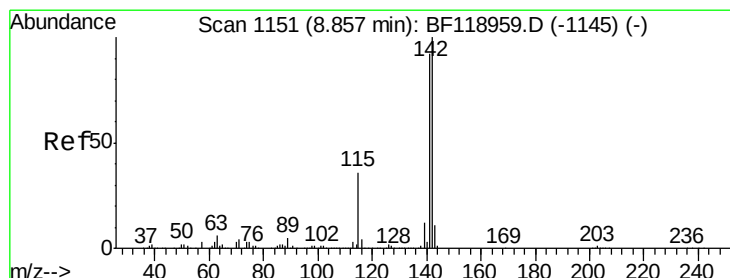
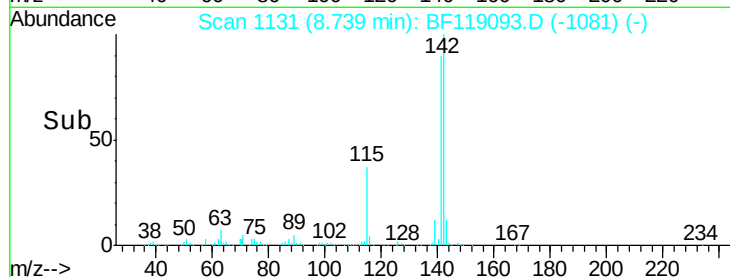
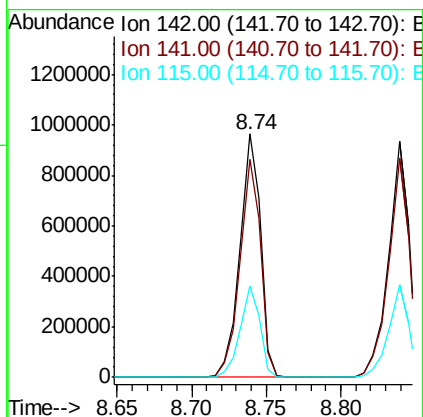
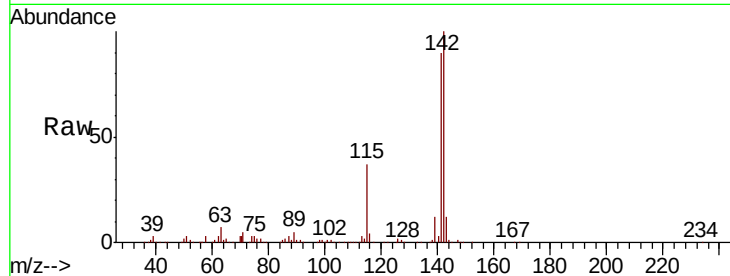
#37
2-Methylnaphthalene
Concen: 44.714 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.3	108.5
115	37.3	30.6	45.8

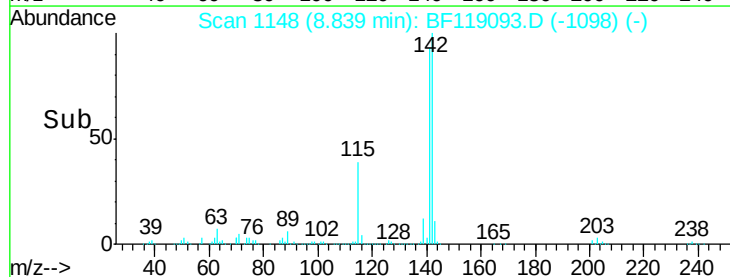
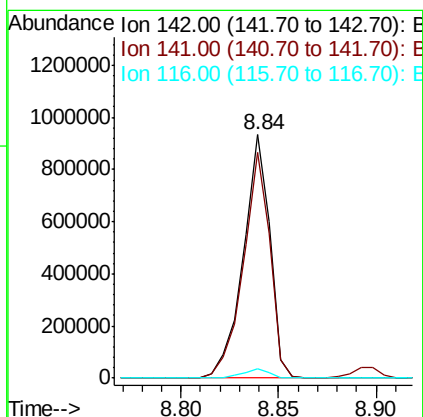
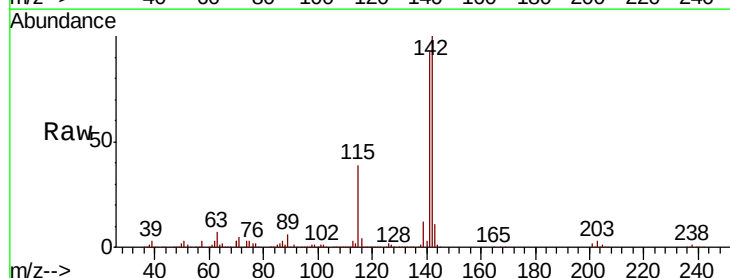
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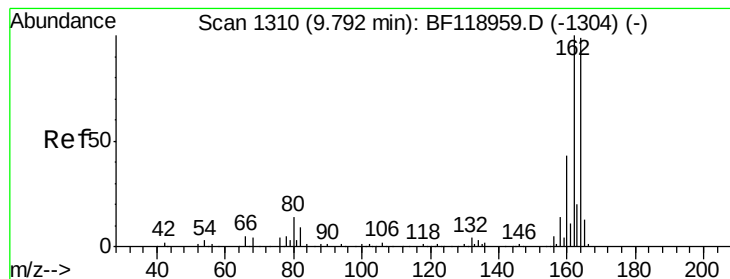
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#38
1-Methylnaphthalene
Concen: 44.802 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	75.8	113.6
116	4.0	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Instrument :

BNA_F

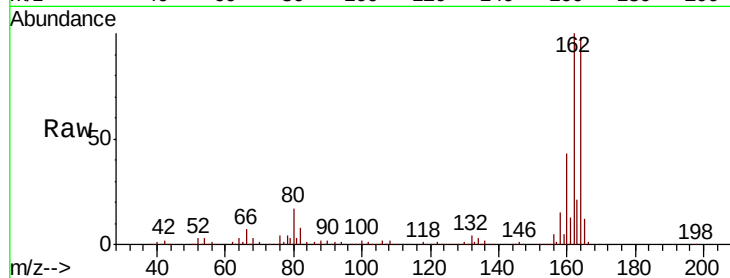
ClientSampleId :

SH-BORING-2MS

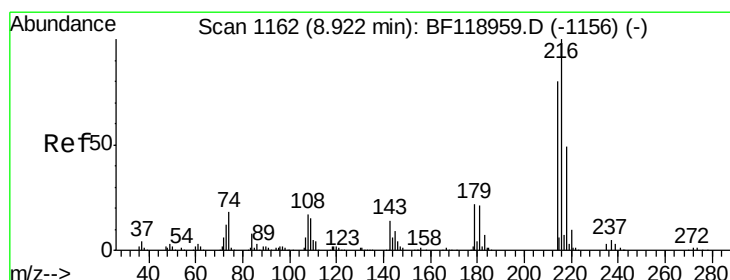
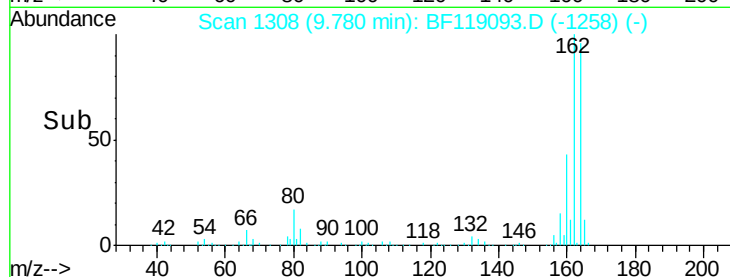
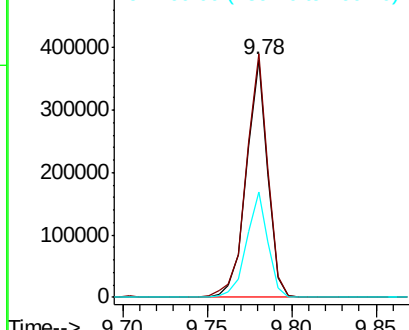
Tot Ion:	164	Resp:	334307
Ion Ratio	Lower	Upper	
164	100		
162	102.4	81.8	122.8
160	44.1	36.0	54.0

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.336 ng

RT: 8.91 min Scan# 1160

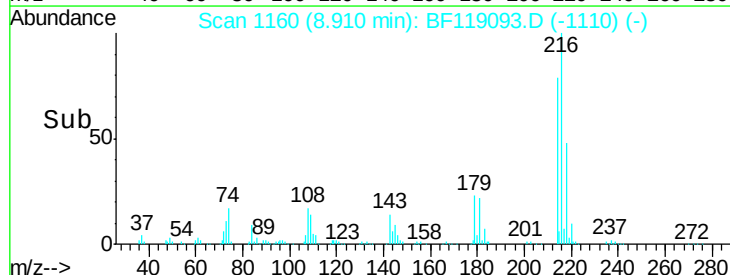
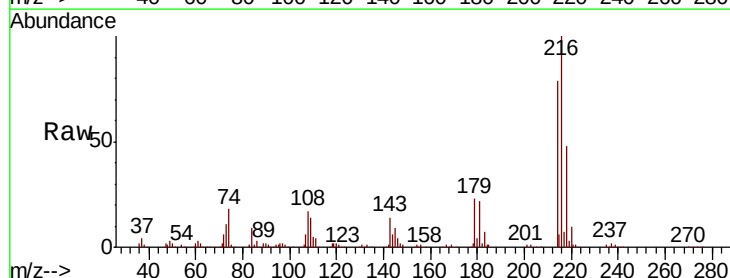
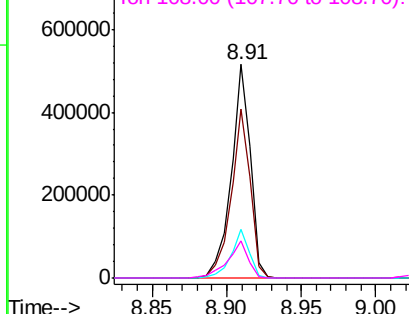
Delta R.T. -0.01 min

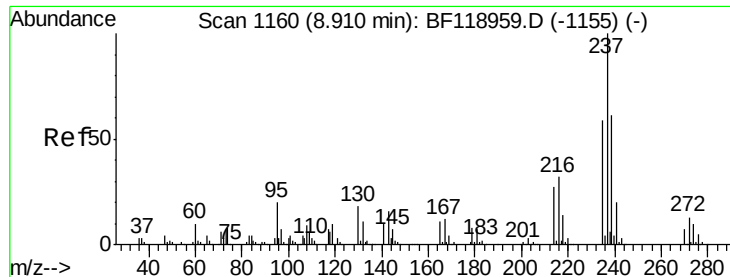
Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Tgt Ion:	216	Resp:	465914
Ion Ratio	Lower	Upper	
216	100		
214	79.0	63.3	94.9
179	21.6	17.7	26.5
108	18.9	13.9	20.9

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





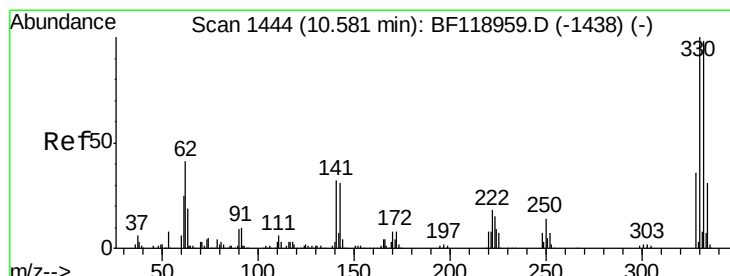
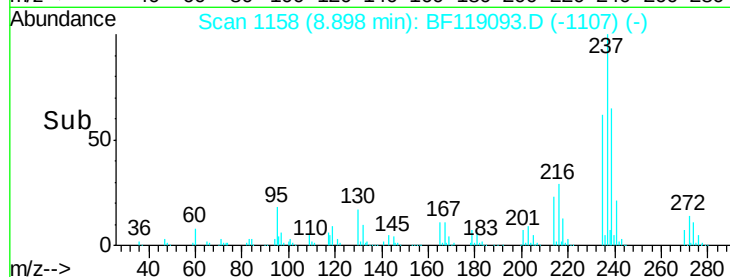
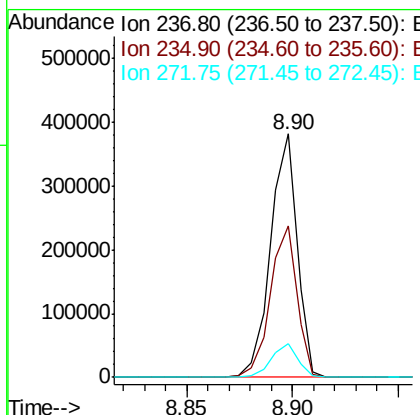
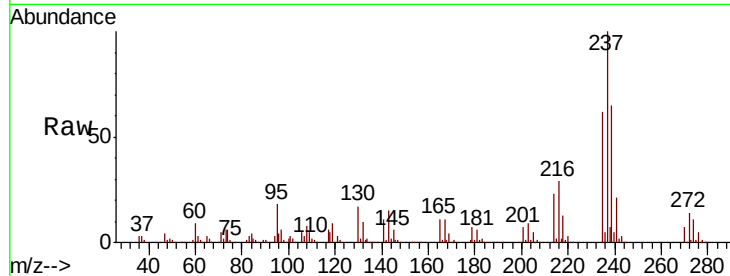
#41
Hexachlorocyclopentadiene
Concen: 81.597 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.4	42.3	82.3	
272	14.0	0.0	33.5	

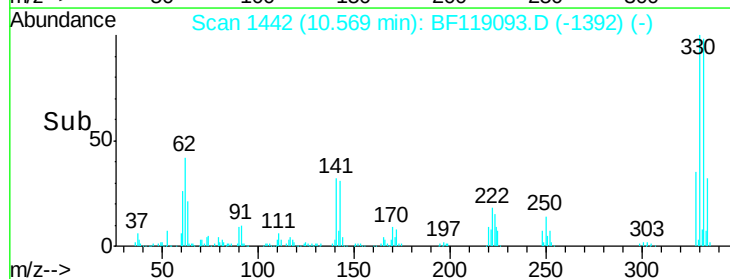
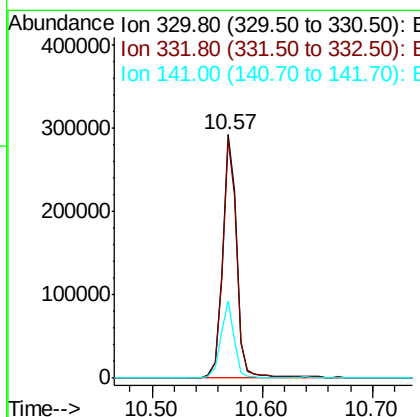
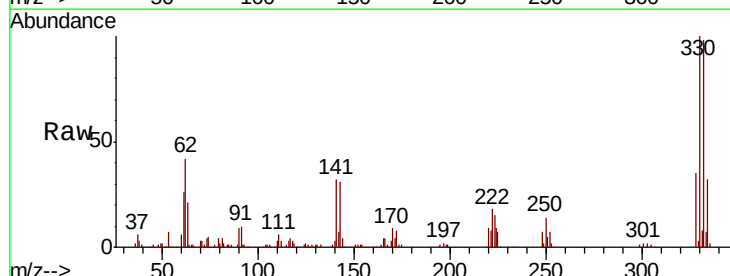
Manual Integrations
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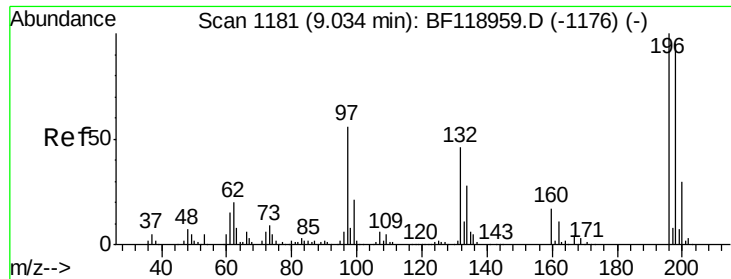
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#42
2,4,6-Tribromophenol
Concen: 59.936 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.7	76.0	114.0	
141	30.1	22.9	34.3	





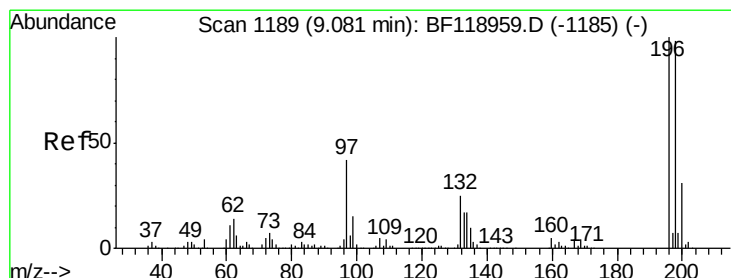
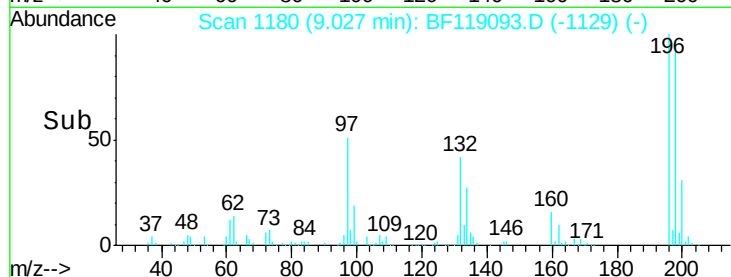
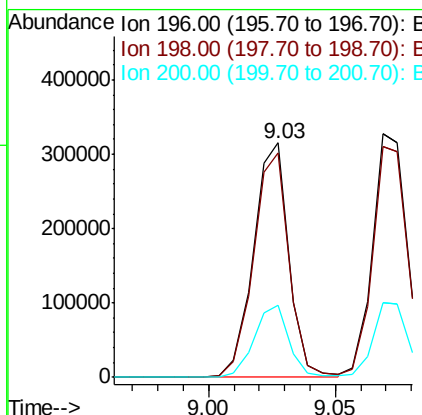
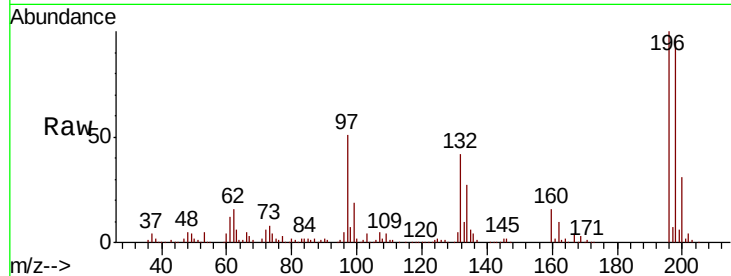
#43
2,4,6-Trichlorophenol
Concen: 43.166 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	307250		
198	95.8	77.1	115.7	
200	31.0	25.0	37.6	

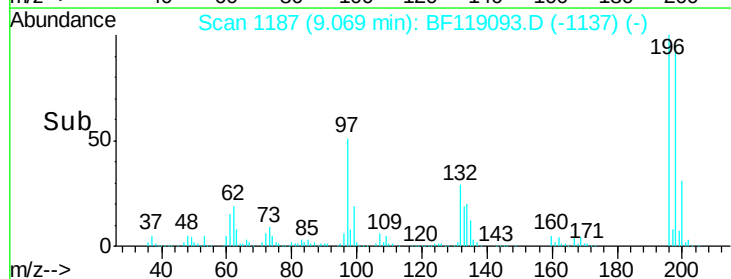
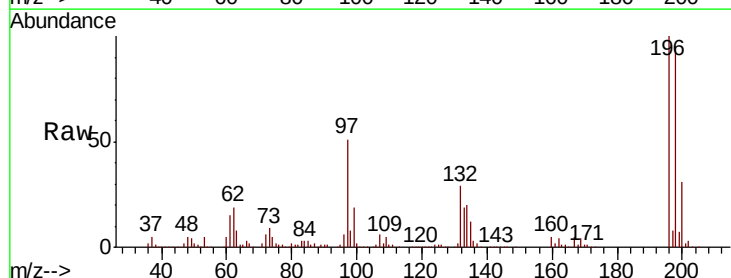
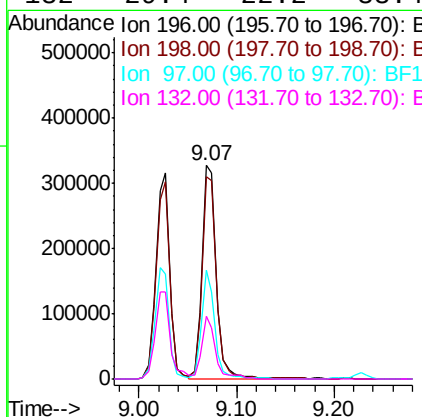
Manual Integrations
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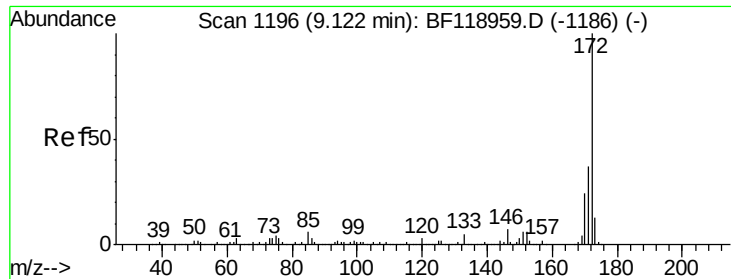
mohammad
2/27/2020 4:58:24 PM



#44
2,4,5-Trichlorophenol
Concen: 44.246 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	330481		
198	94.8	76.8	115.2	
97	50.9	38.5	57.7	
132	29.4	22.2	33.4	





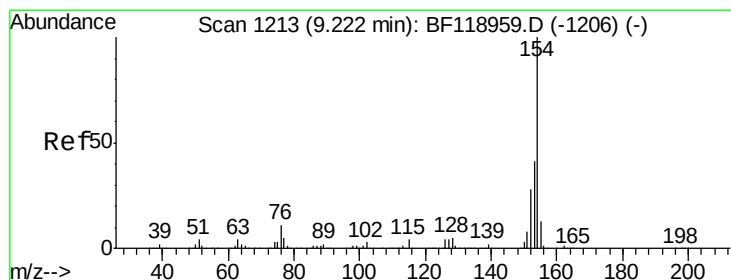
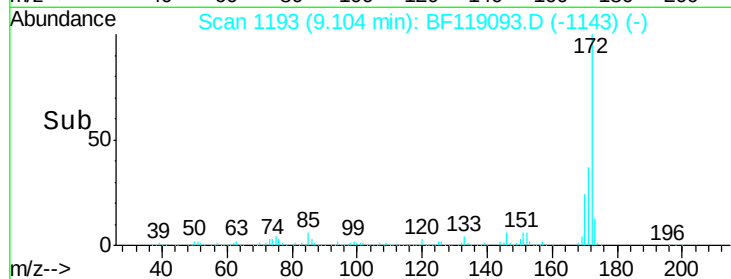
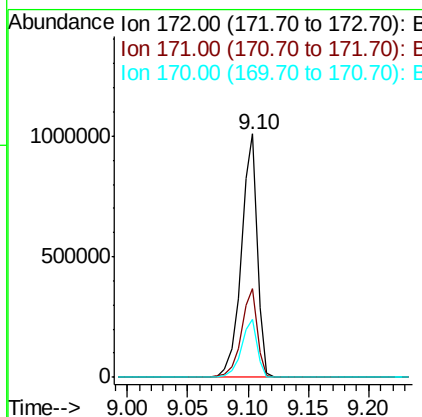
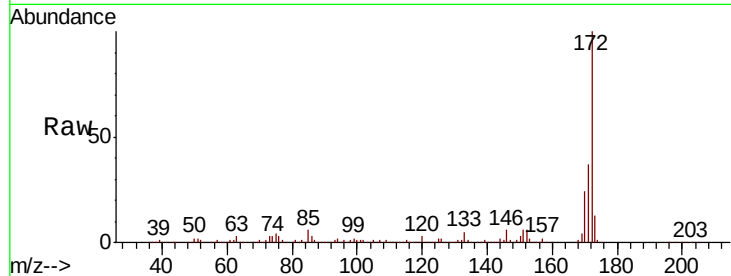
#45
2-Fluorobiphenyl
Concen: 40.857 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	45.8
170	23.7	20.2	30.2

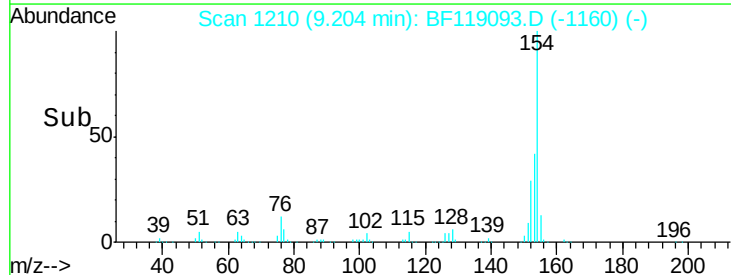
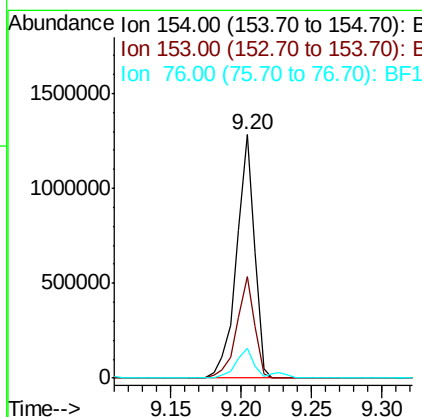
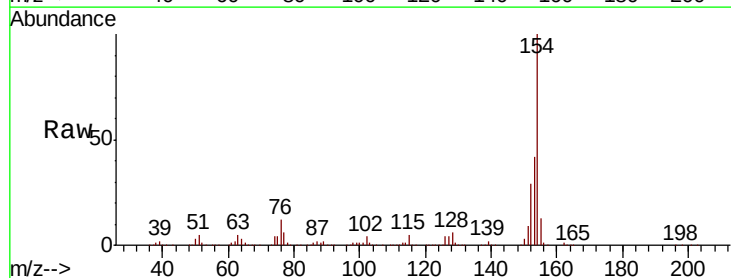
Manual Integrations
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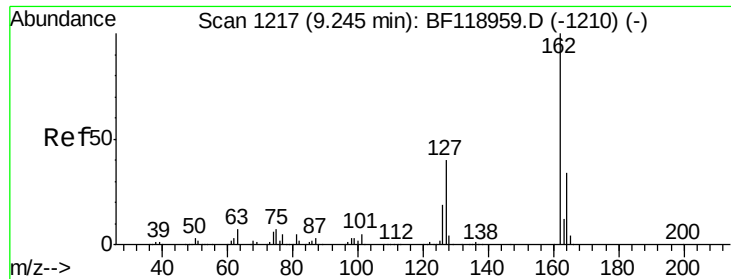
mohammad
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#46
1,1'-Biphenyl
Concen: 41.812 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.8	62.8
76	12.0	0.0	32.2





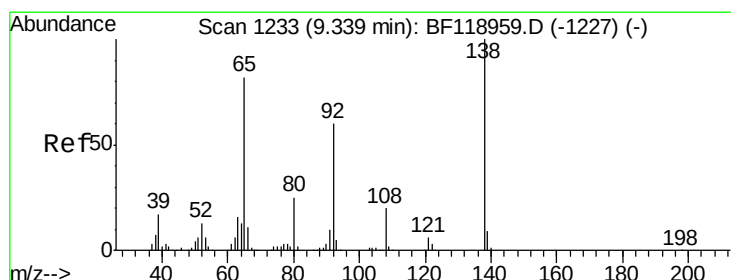
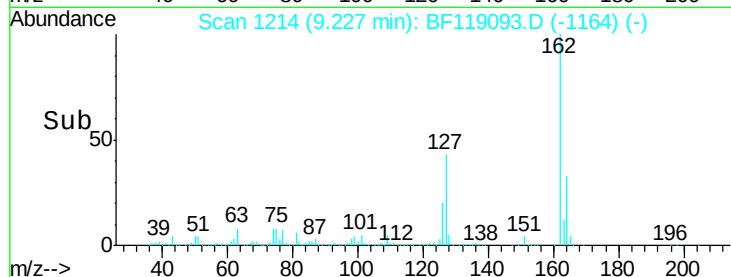
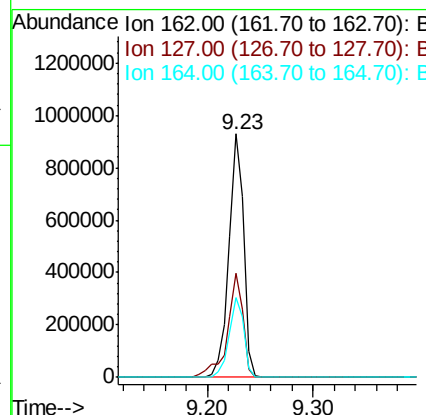
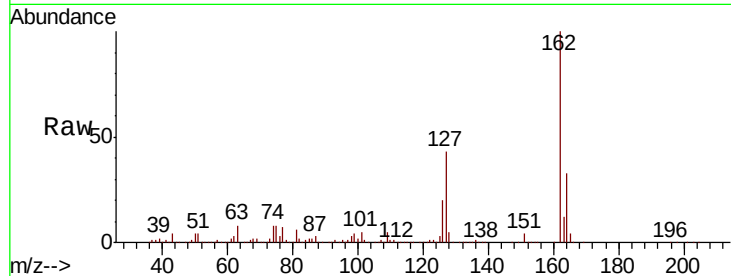
#47
2-Chloronaphthalene
Concen: 41.455 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.8	35.0	52.4
164	32.8	27.2	40.8

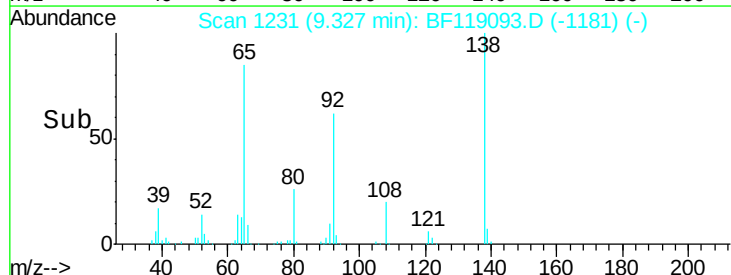
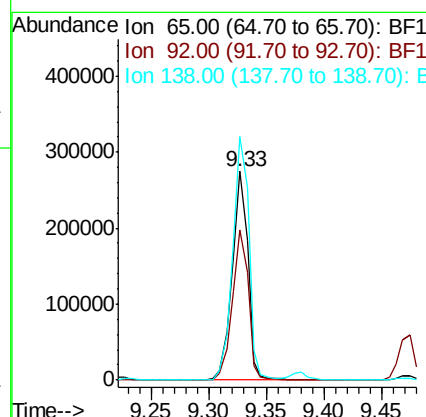
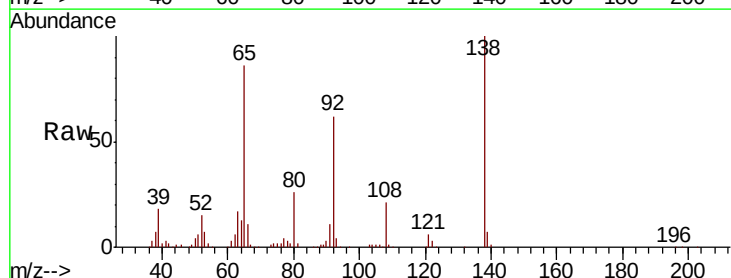
Manual Integrations
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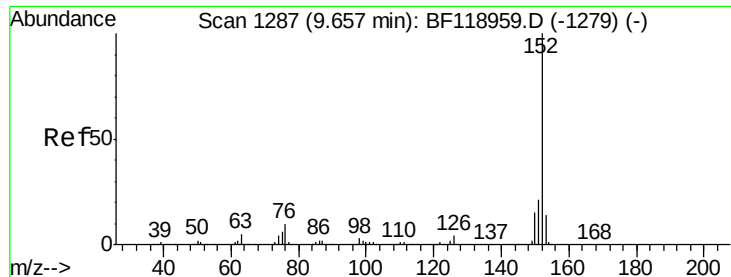
mohammad
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#48
2-Nitroaniline
Concen: 43.069 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	58.2	87.2
138	116.8	95.6	143.4





#49

Acenaphthylene

Concen: 44.440 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Instrument :

BNA_F

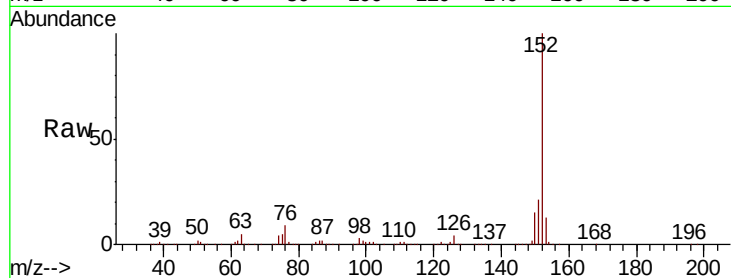
ClientSampleId :

SH-BORING-2MS

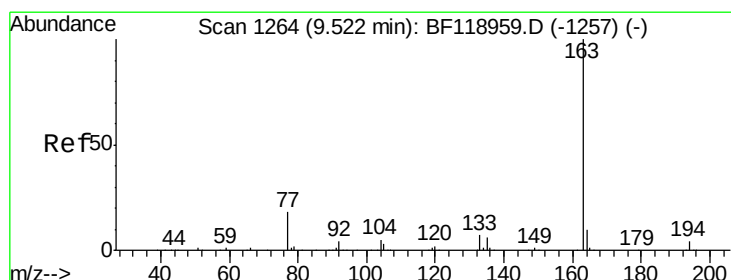
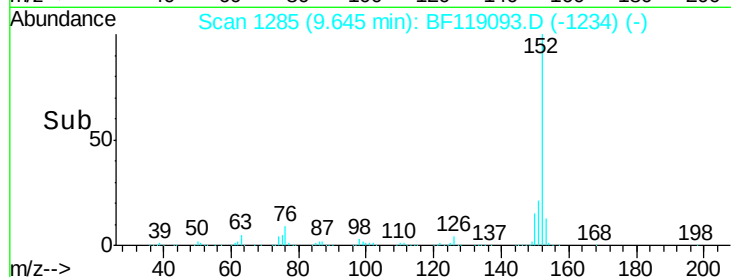
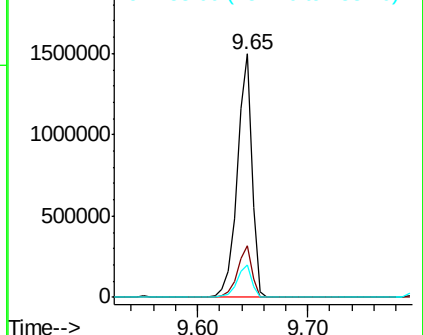
Tot Ion:	152	Resp:	1397511
Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.9	25.3
153	13.4	11.0	16.6

Manual Integrations
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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: 45.450 ng

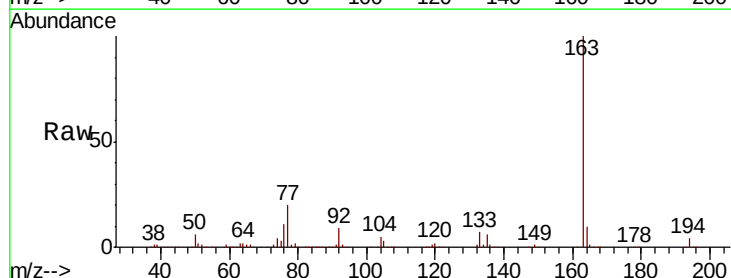
RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

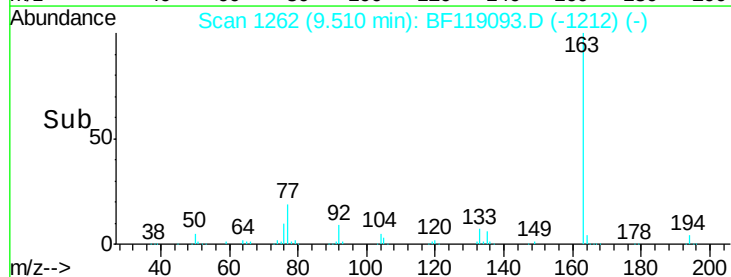
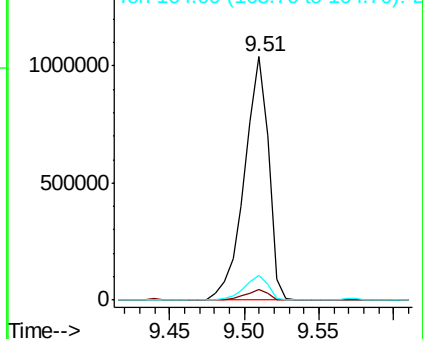
Lab File: BF119093.D

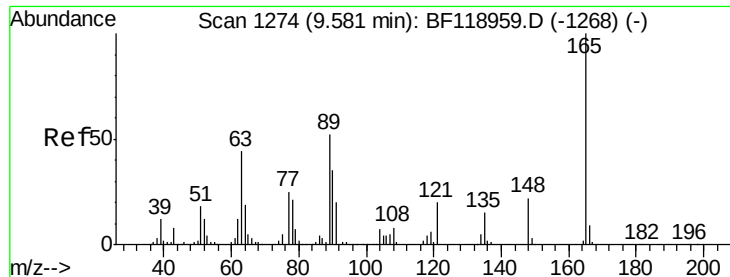
Acq: 26 Feb 2020 14:25

Tgt Ion:	163	Resp:	1161868
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.2	8.4	12.6



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: 44.887 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Instrument :

BNA_F

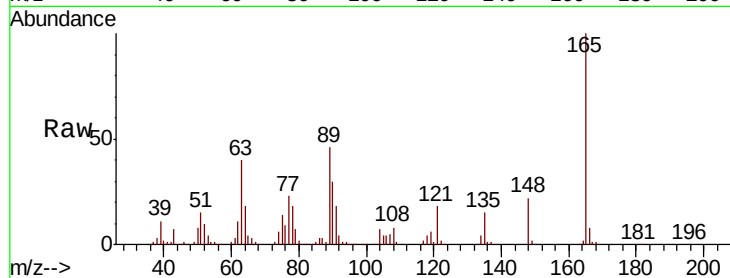
ClientSampleId :

SH-BORING-2MS

Tot Ion:	165	Resp:	254938
Ion Ratio	Lower	Upper	
165	100		
63	40.4	34.3	51.5
89	45.5	38.3	57.5

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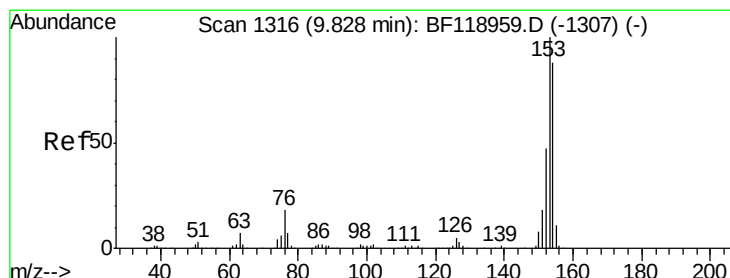
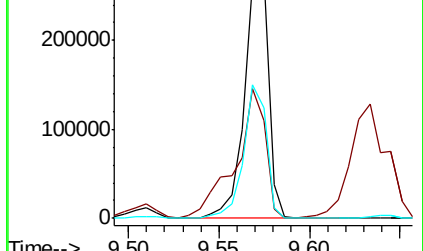
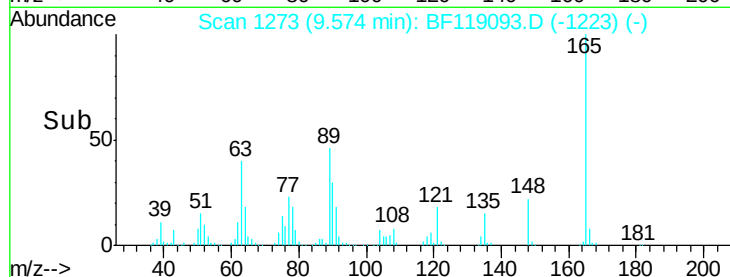


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



#52

Acenaphthene

Concen: 42.781 ng

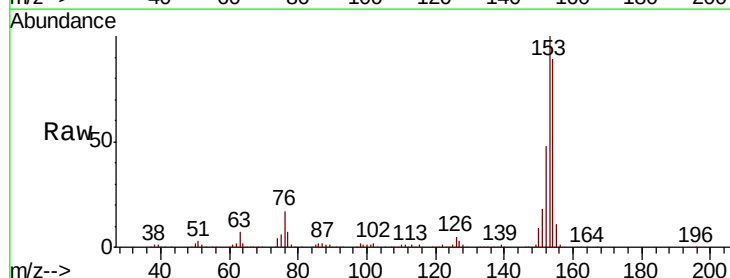
RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Tgt Ion:	154	Resp:	811215
Ion Ratio	Lower	Upper	
154	100		
153	112.8	90.3	135.5
152	54.0	43.8	65.8

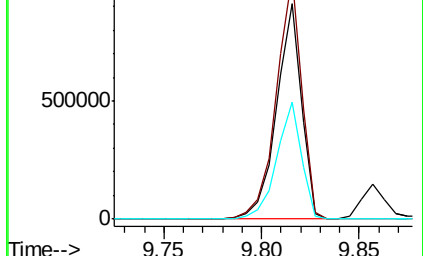
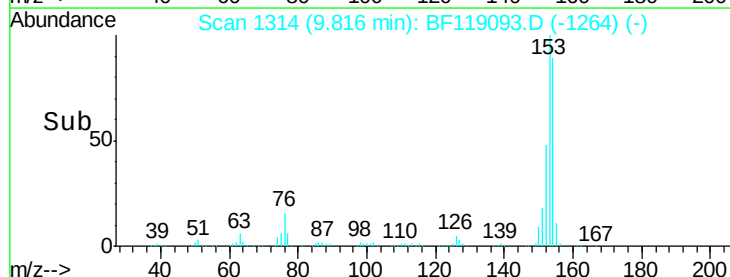


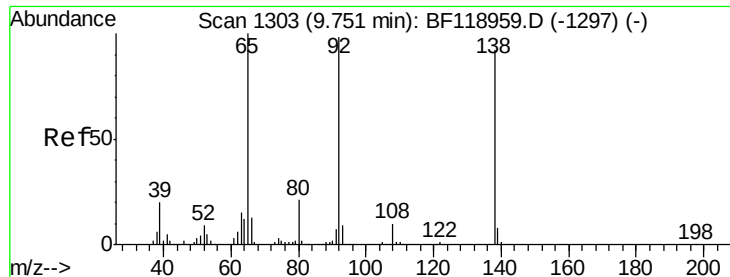
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->





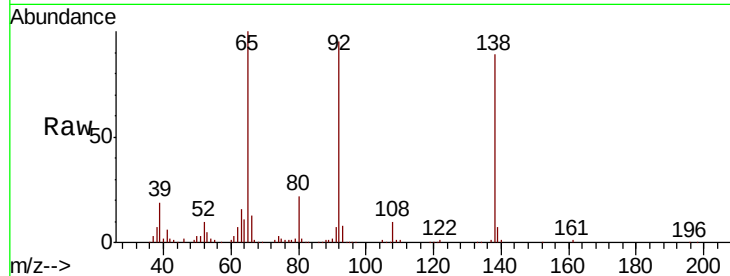
#53
3-Nitroaniline
Concen: 23.228 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MS

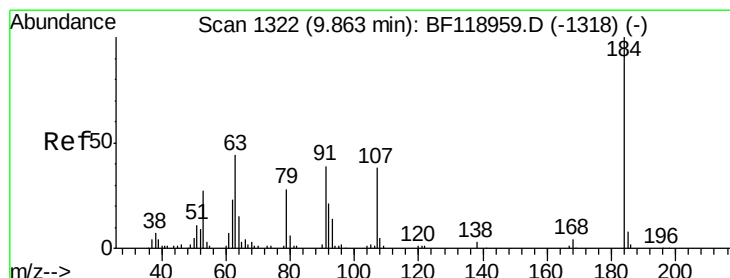
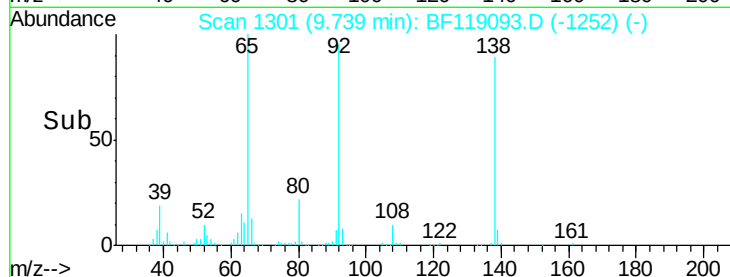
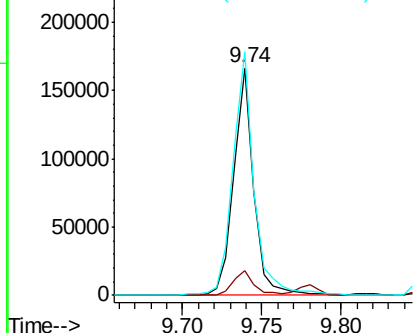
Tot Ion	Ratio	Resp	Lower	Upper
138	100	146256		
108	10.7		8.8	13.2
92	107.2		84.8	127.2

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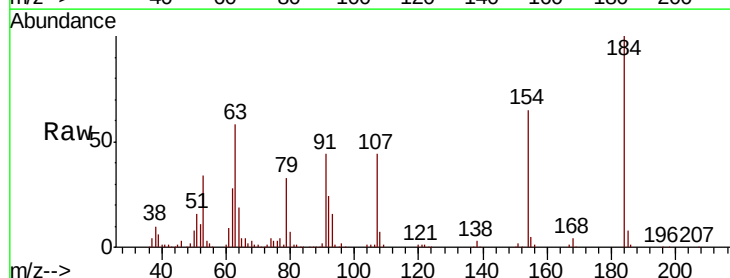


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

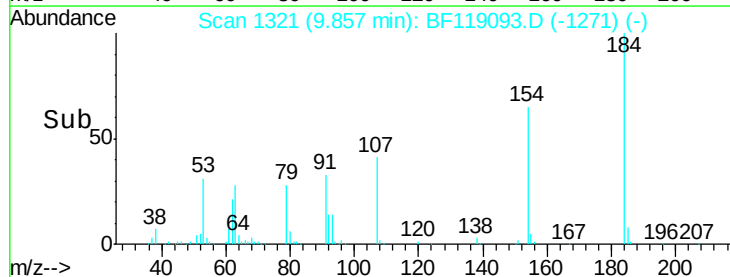
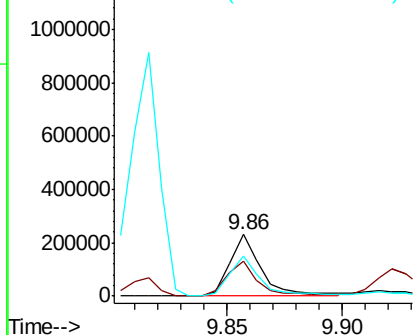


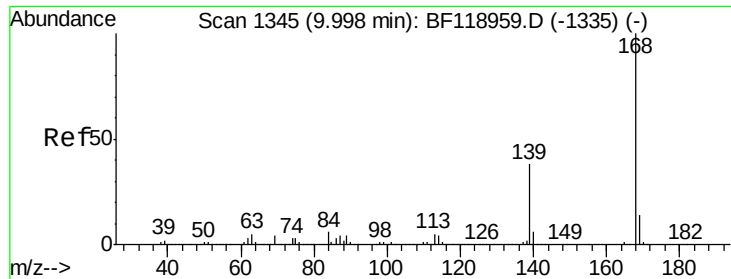
#54
2,4-Dinitrophenol
Concen: 80.023 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	220901		
63	57.6		38.7	58.1
154	65.0		49.7	74.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





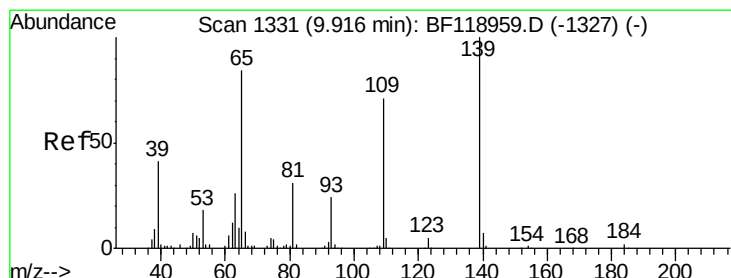
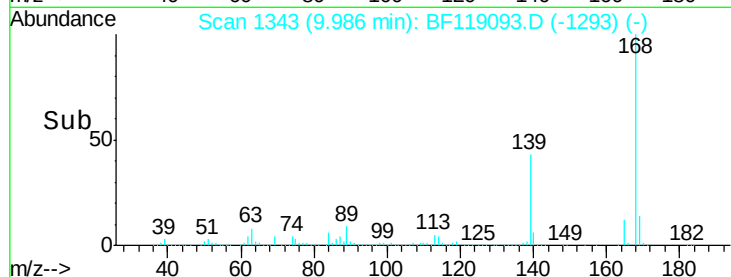
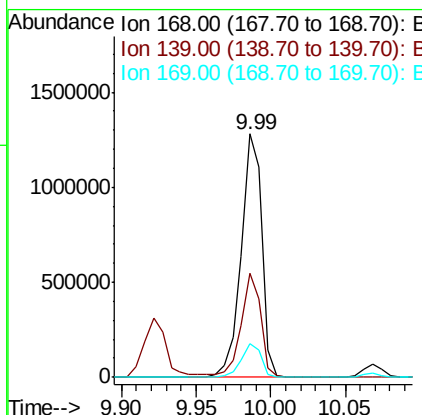
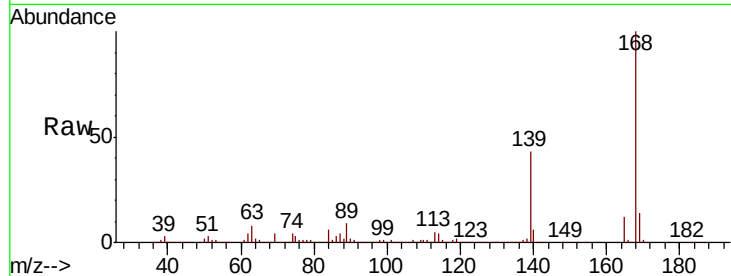
#55
Dibenzenofuran
Concen: 43.301 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.6	34.0	51.0
169	13.9	11.0	16.4

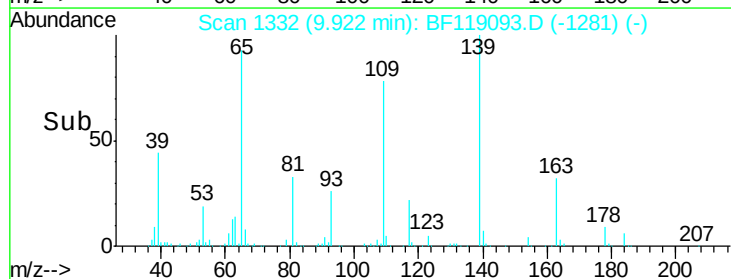
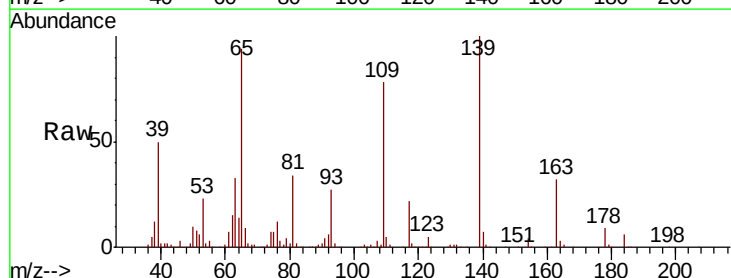
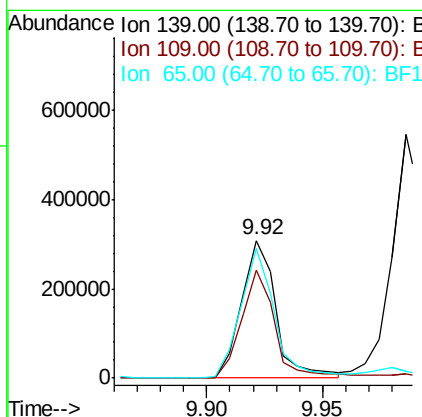
Manual Integrations
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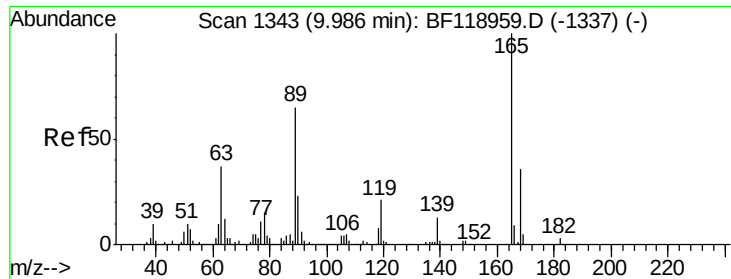
mohammad
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#56
4-Nitrophenol
Concen: 85.497 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.4	56.7	96.7
65	93.8	65.0	105.0





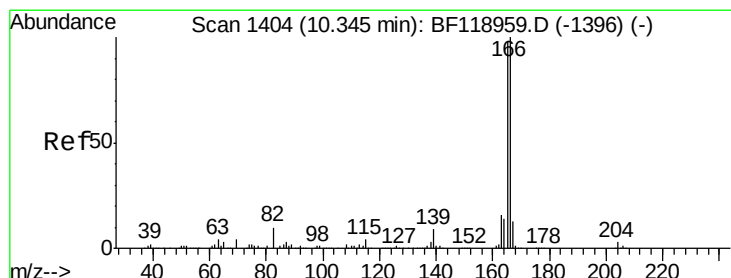
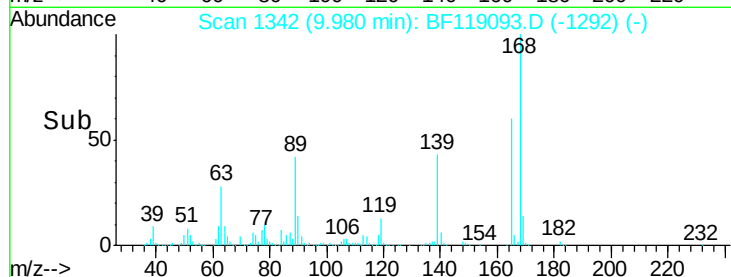
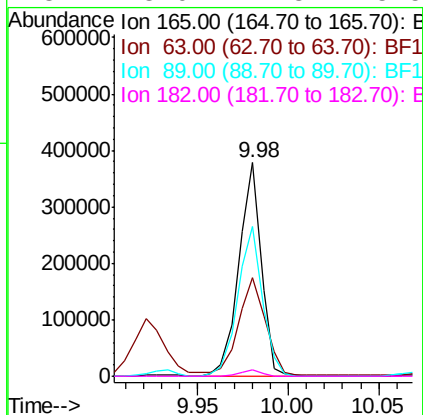
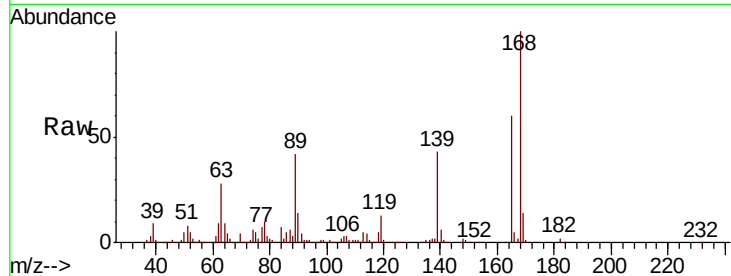
#57
 2,4-Dinitrotoluene
 Concen: 44.376 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Instrument :
 BNA_F
 ClientSampleId :
 SH-BORING-2MS

Tot Ion:	165	Resp:	326687
Ion Ratio	Lower	Upper	
165	100		
63	46.5	42.3	63.5
89	70.4	60.2	90.4
182	3.0	2.3	3.5

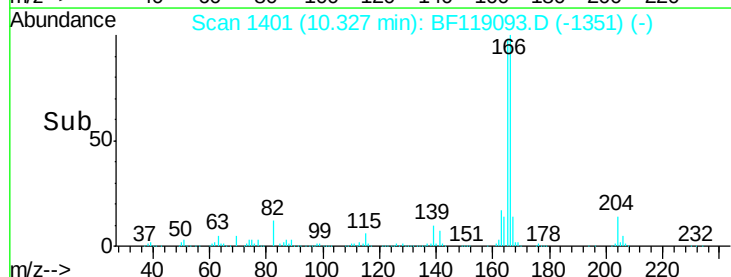
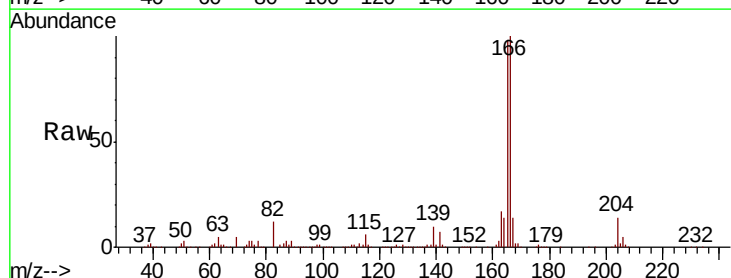
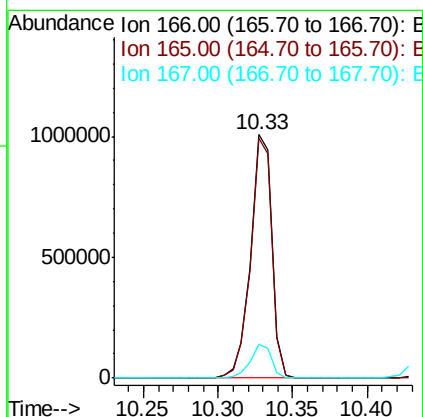
Manual Integrations
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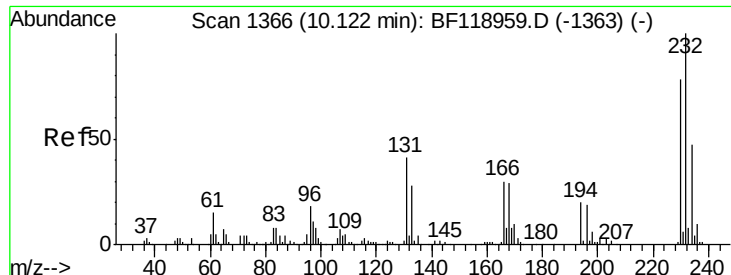
mohammad
 2/27/2020 4:58:24 PM



#58
 Fluorene
 Concen: 44.694 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Tgt Ion:	166	Resp:	982944
Ion Ratio	Lower	Upper	
166	100		
165	98.2	78.5	117.7
167	13.8	11.0	16.4





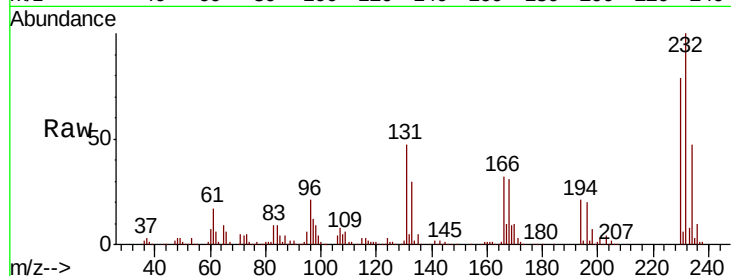
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.874 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Instrument :
 BNA_F
 ClientSampleId :
 SH-BORING-2MS

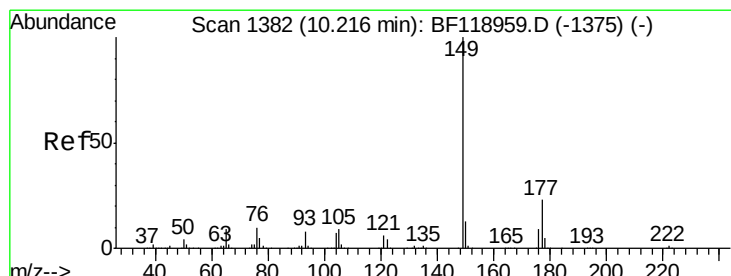
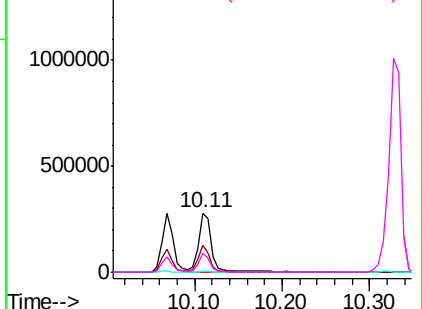
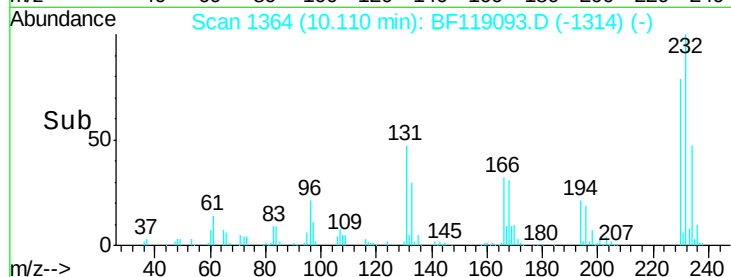
Tot Ion	Ratio	Lower	Upper
232	100		
131	41.8	33.8	50.8
130	2.1	1.8	2.6
166	28.6	23.0	34.4

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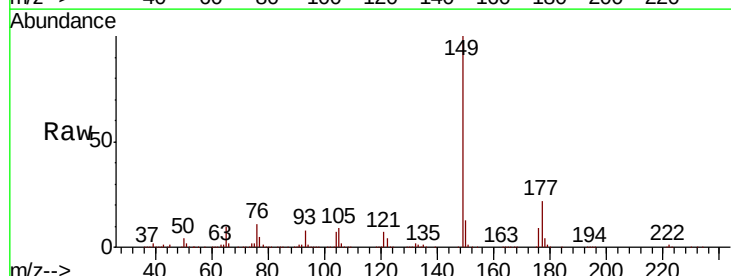


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

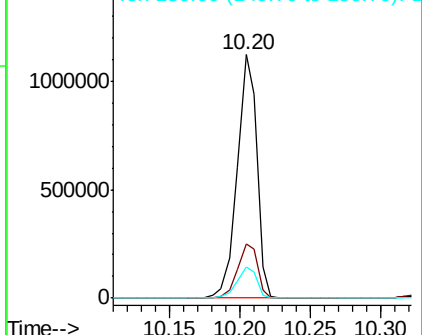
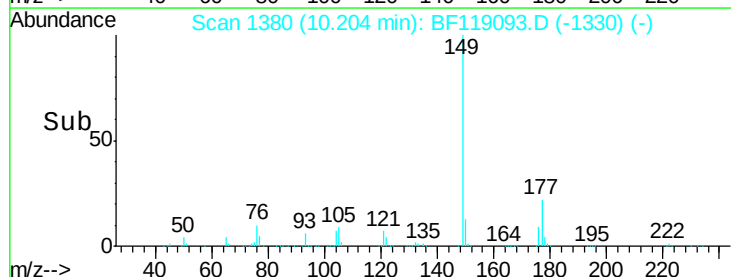


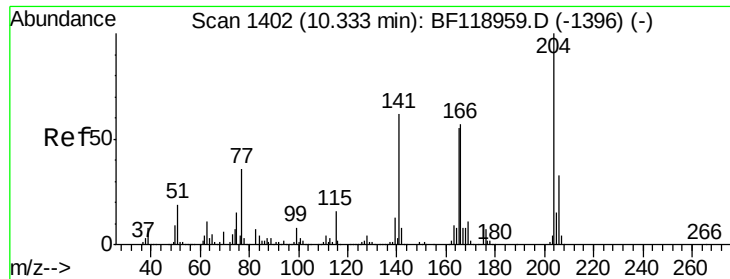
#60
 Diethylphthalate
 Concen: 45.014 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.2	27.2
150	13.0	10.5	15.7



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





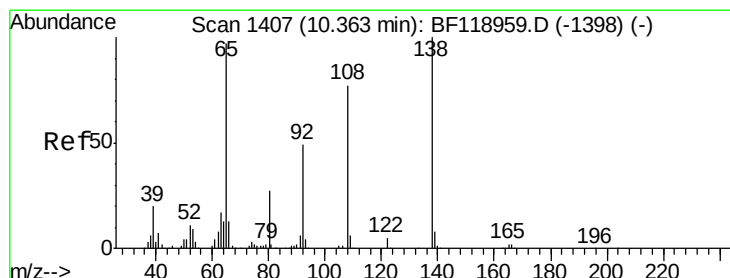
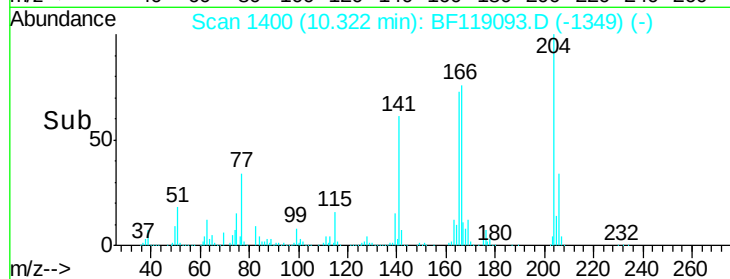
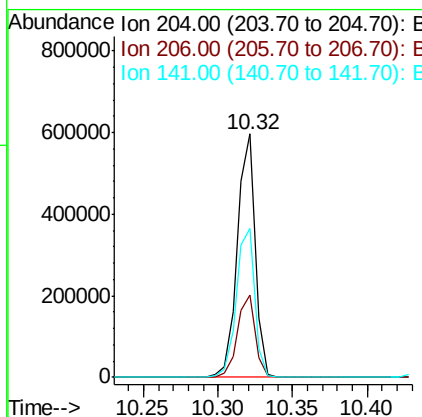
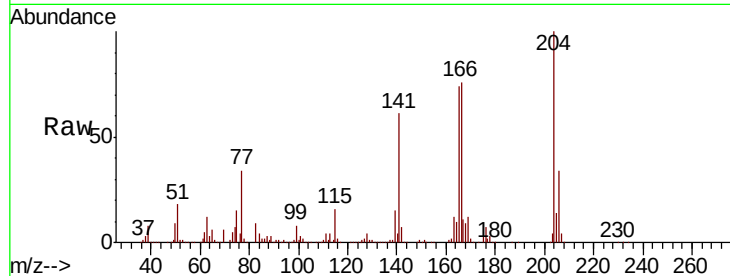
#61
4-Chlorophenyl-phenylether
Concen: 43.443 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MS

Tot Ion:	204	Resp:	505722
Ion Ratio	Lower	Upper	
204	100		
206	33.8	27.1	40.7
141	61.1	52.9	79.3

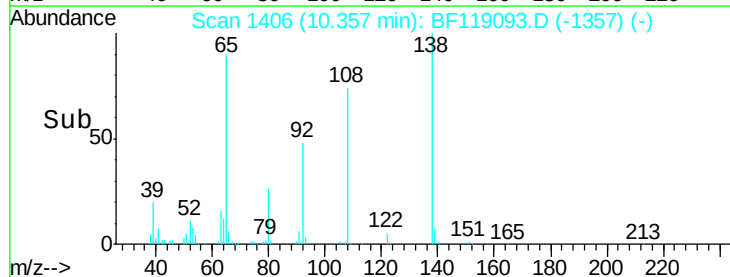
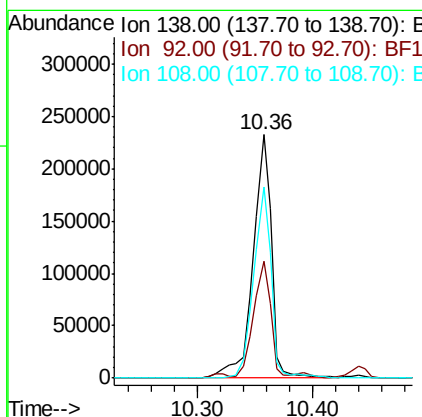
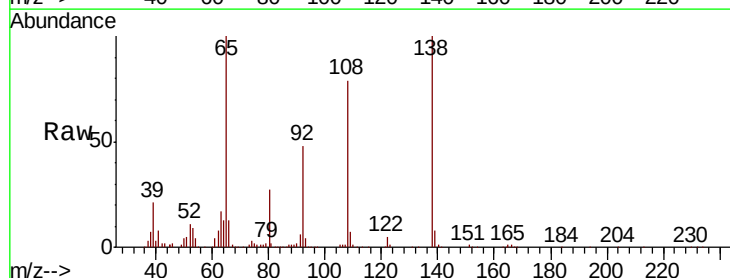
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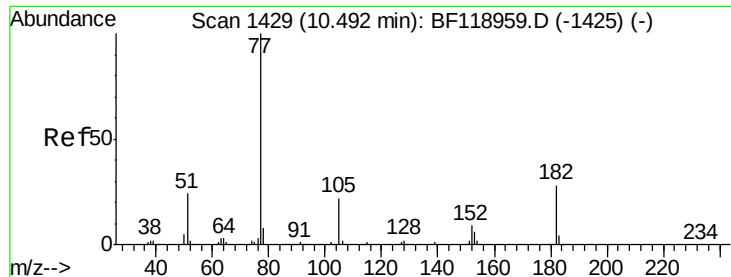
mohammad
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#62
4-Nitroaniline
Concen: 39.927 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion:	138	Resp:	257207
Ion Ratio	Lower	Upper	
138	100		
92	48.1	27.3	67.3
108	78.6	57.0	97.0





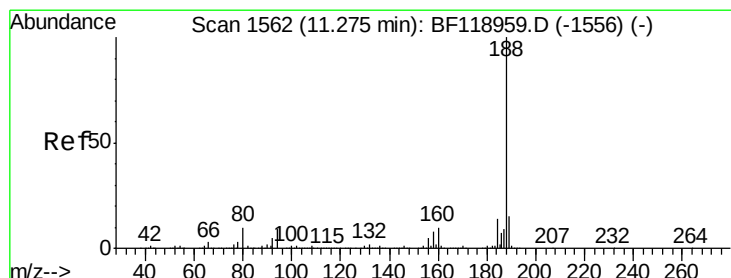
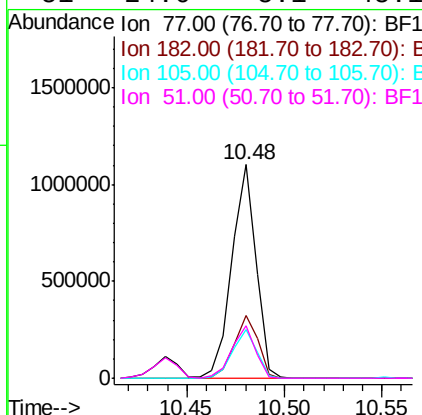
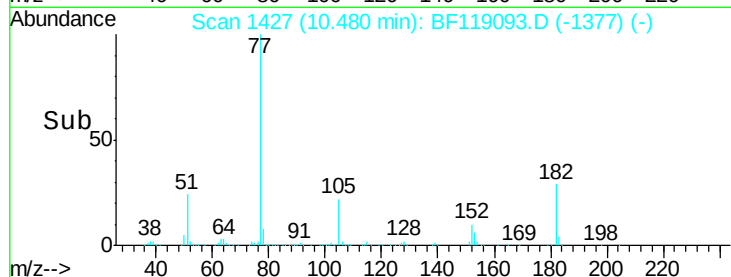
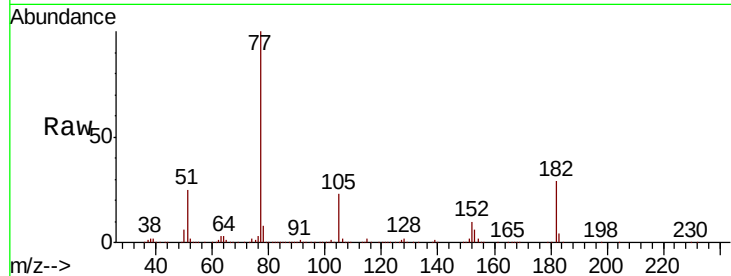
#63
Azobenzene
Concen: 45.245 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.3	11.4	51.4	
105	22.8	3.4	43.4	
51	24.6	5.1	45.1	

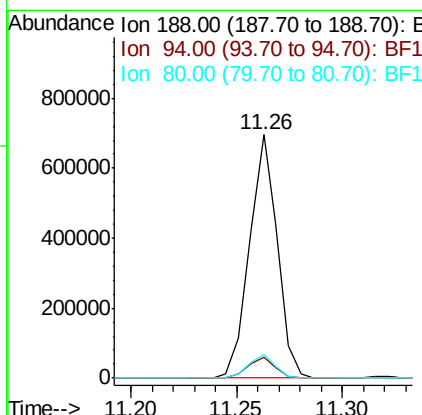
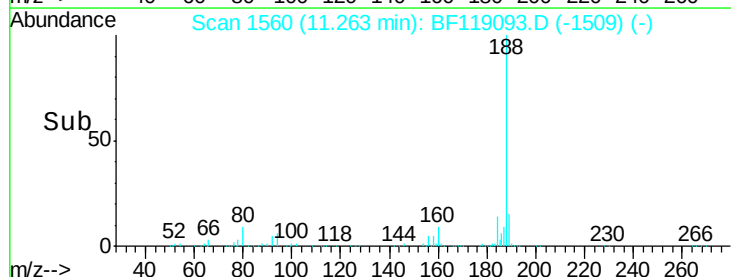
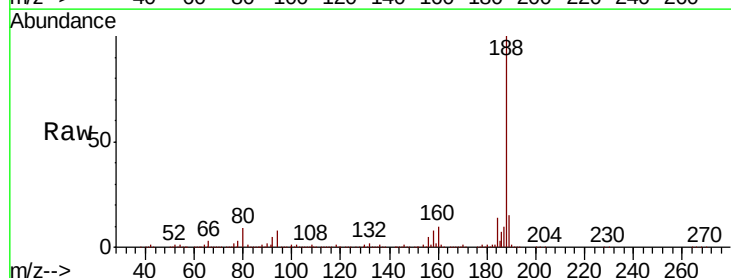
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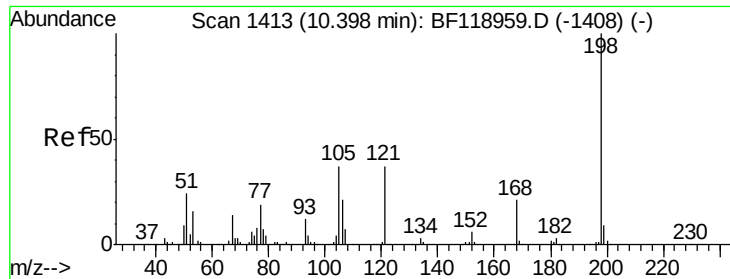
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.4	7.1	10.7	
80	9.5	7.8	11.8	





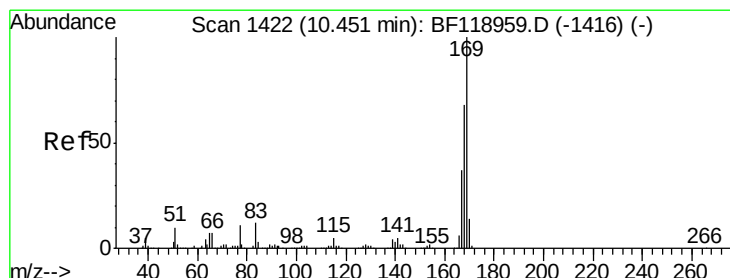
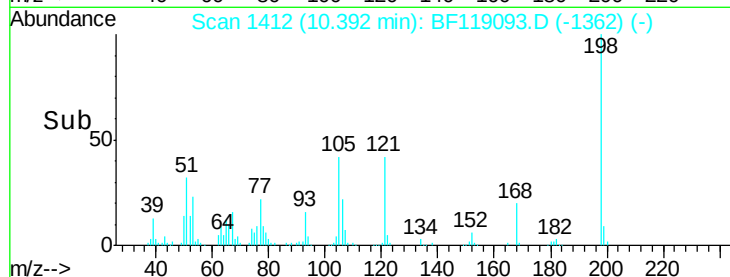
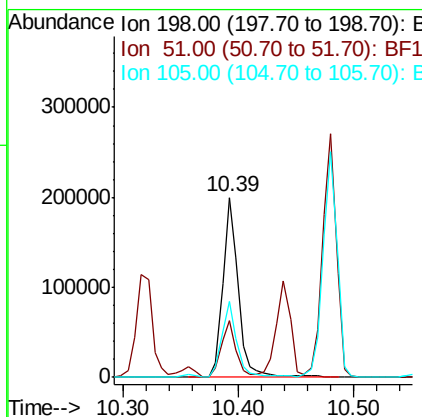
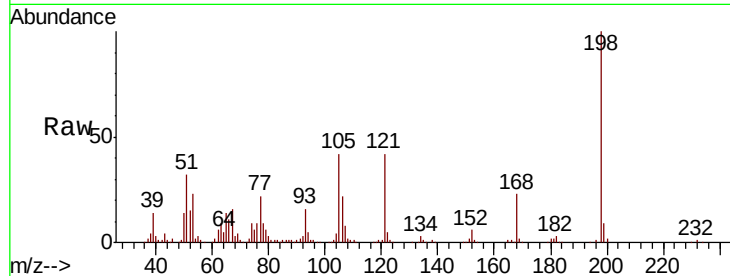
#65
4,6-Dinitro-2-methylphenol
Concen: 48.525 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	31.6	14.2	54.2
105	42.1	22.7	62.7

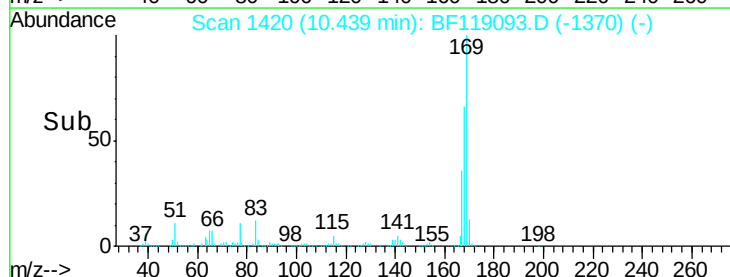
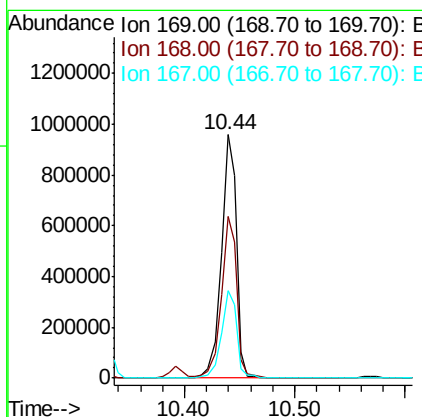
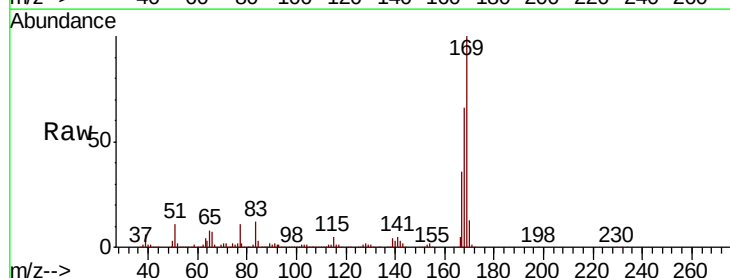
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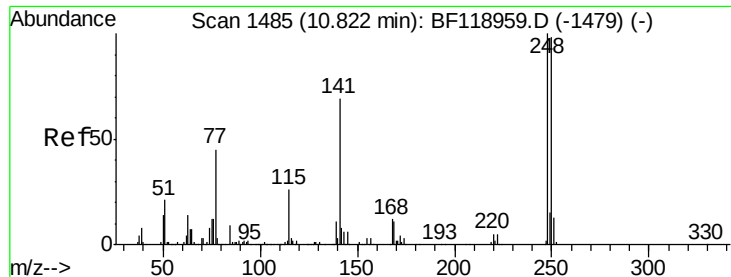
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#66
n-Nitrosodiphenylamine
Concen: 43.570 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.2	54.1	81.1
167	35.9	29.4	44.0





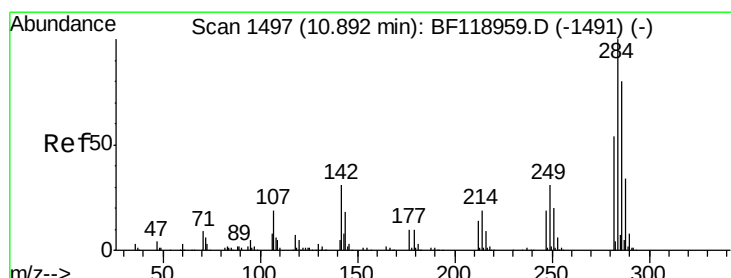
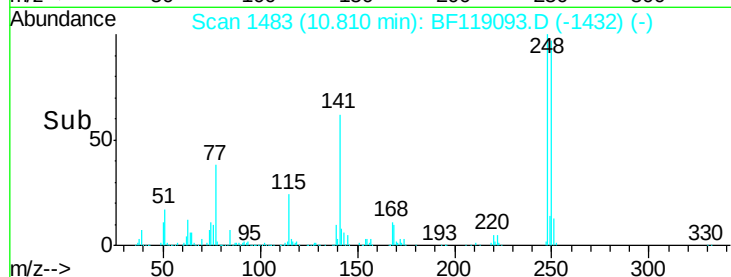
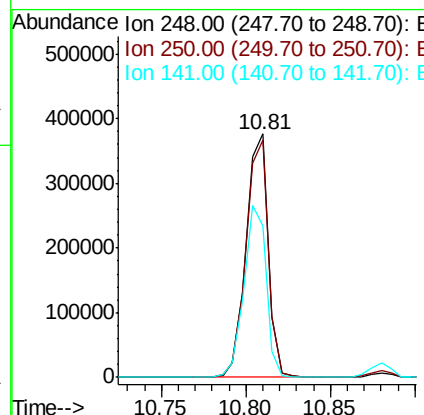
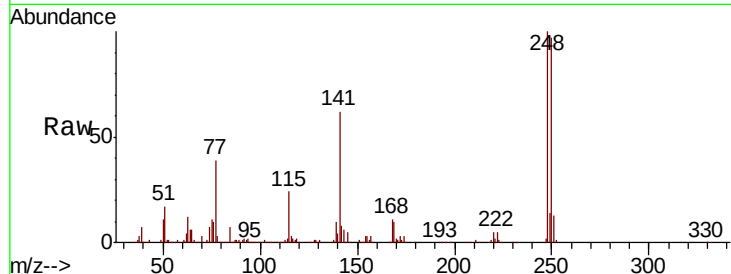
#67
4-Bromophenyl-phenylether
Concen: 41.452 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.7	115.1
141	62.4	60.7	91.1

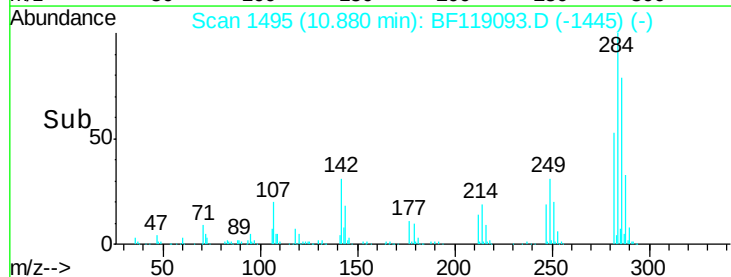
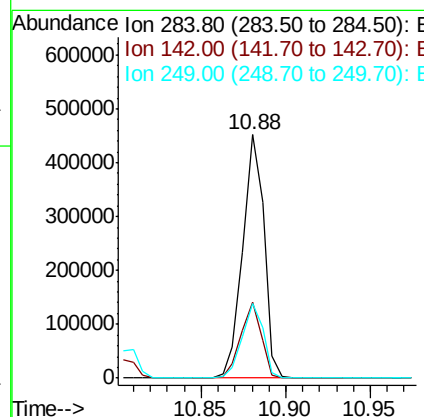
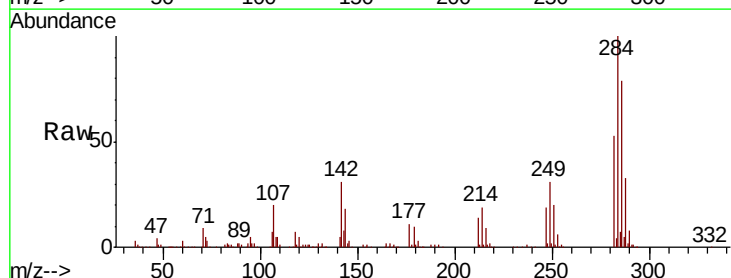
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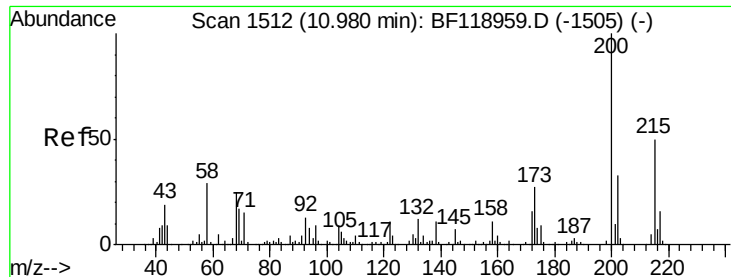
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#68
Hexachlorobenzene
Concen: 41.391 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	23.7	35.5
249	30.7	25.0	37.6





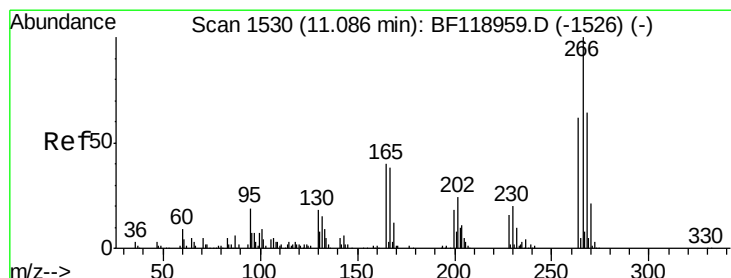
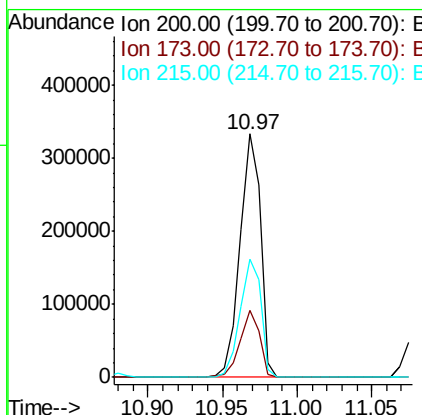
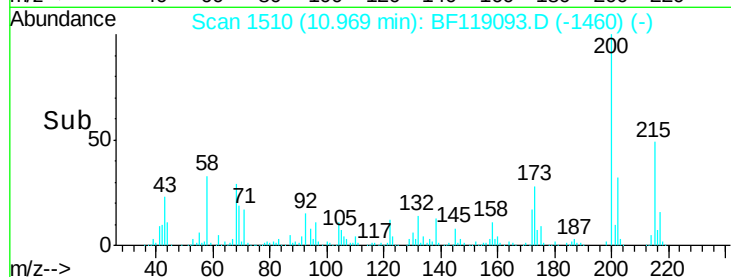
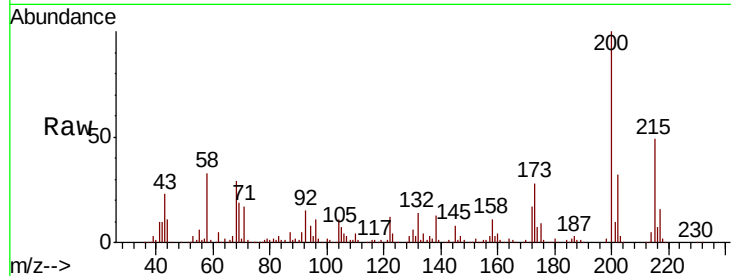
#69
Atrazine
Concen: 44.019 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	6.4	46.4
215	48.5	27.4	67.4

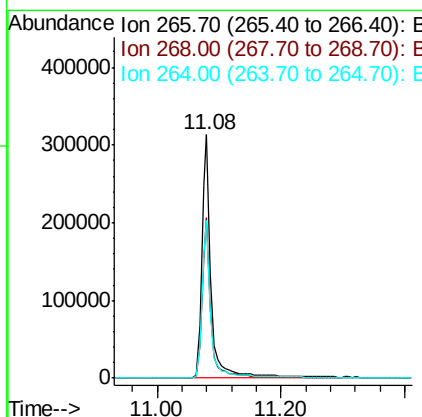
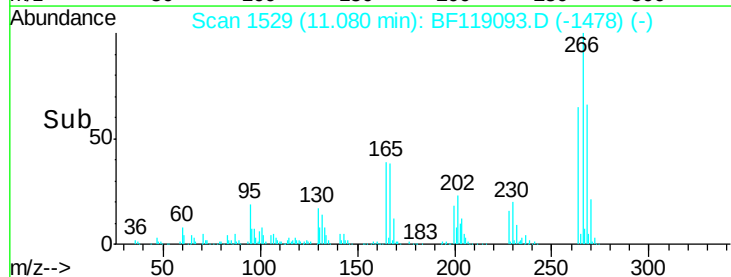
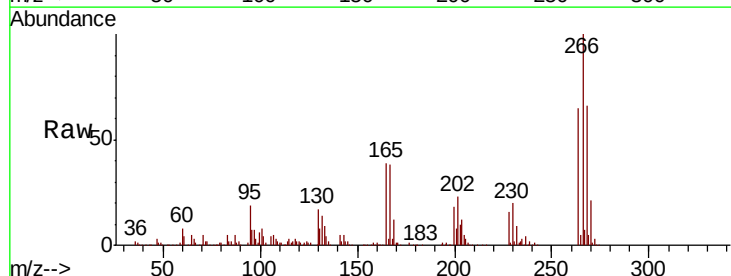
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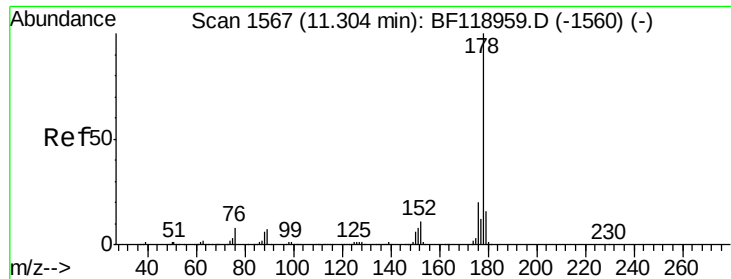
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#70
Pentachlorophenol
Concen: 88.084 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.9	51.9	77.9
264	64.6	51.0	76.4





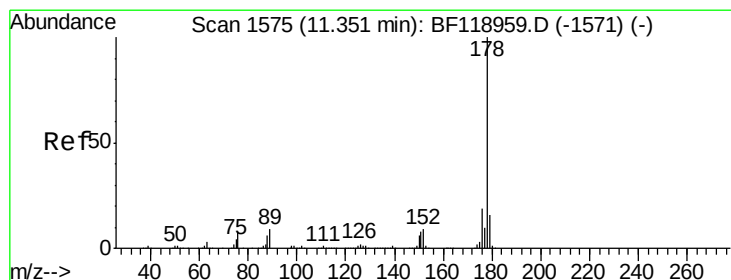
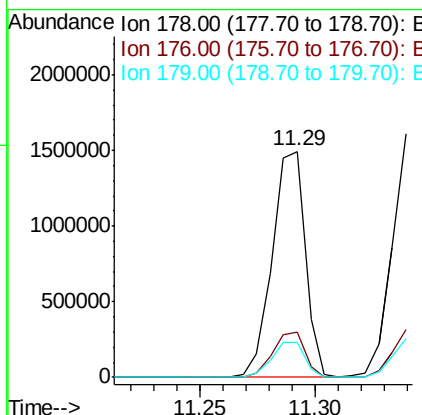
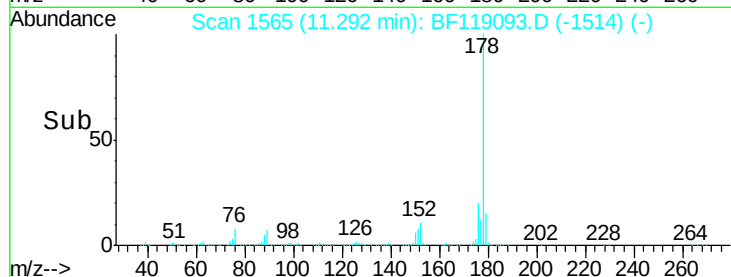
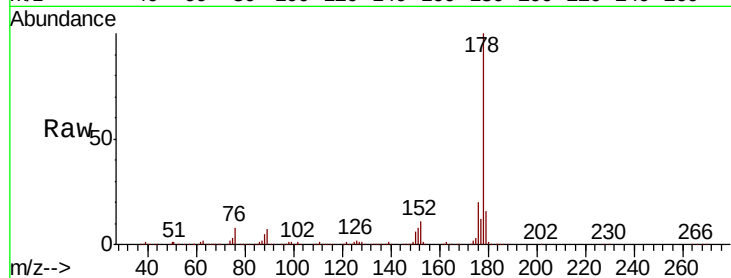
#71
Phenanthrene
Concen: 42.832 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MS

Tot Ion:178 Resp: 1488266
Ion Ratio Lower Upper
178 100
176 19.8 16.5 24.7
179 15.6 13.0 19.6

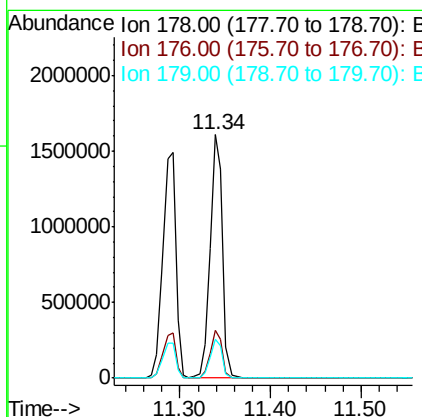
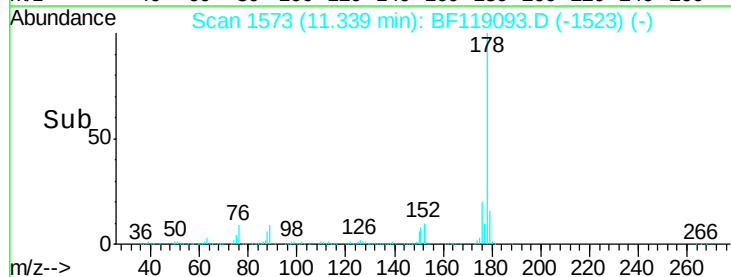
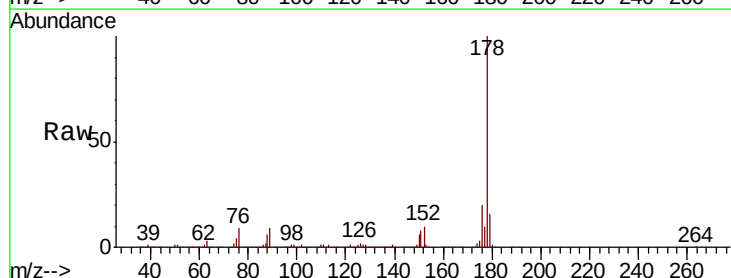
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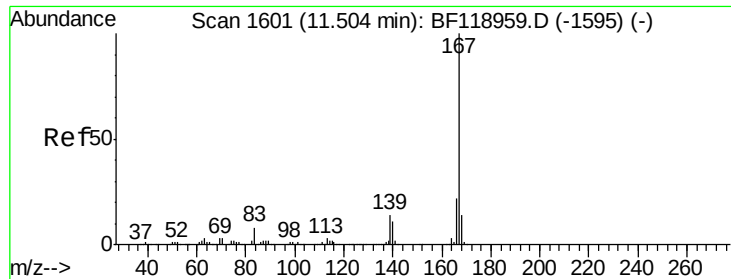
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#72
Anthracene
Concen: 44.412 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion:178 Resp: 1541878
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 16.0 13.1 19.7





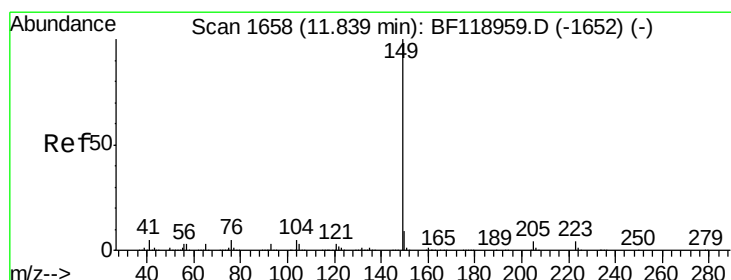
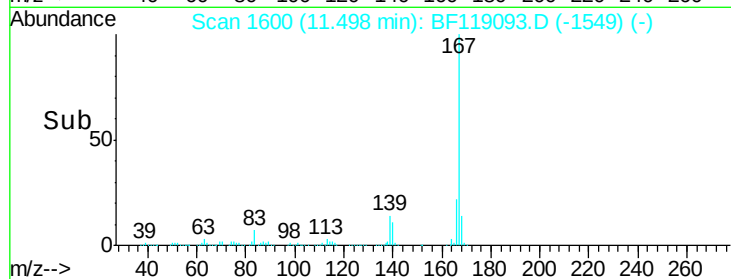
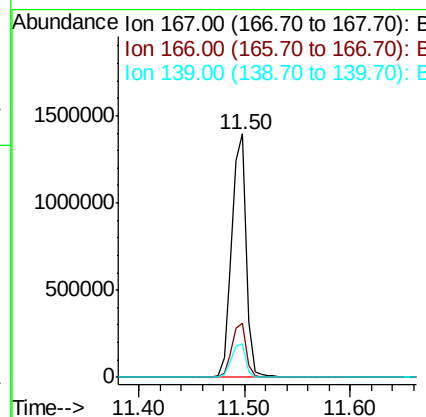
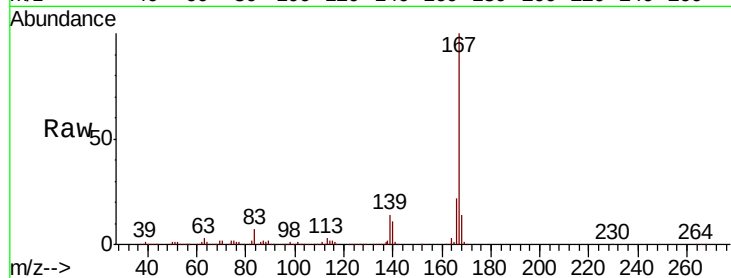
#73
 Carbazole
 Concen: 42.761 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Instrument :
 BNA_F
 ClientSampleId :
 SH-BORING-2MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	13.7	11.7	17.5

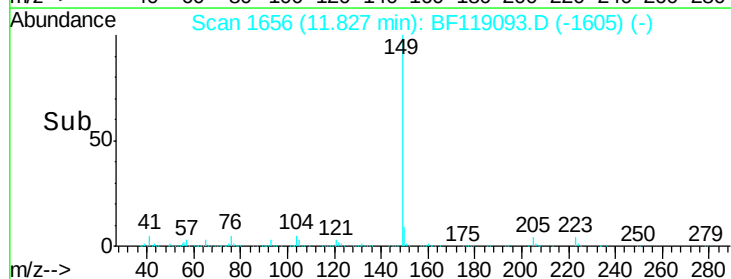
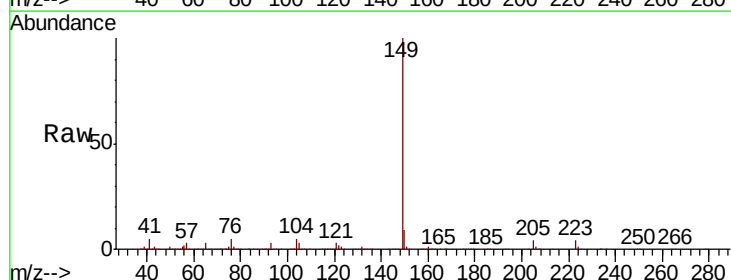
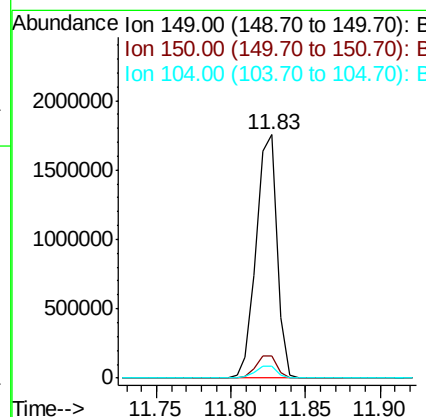
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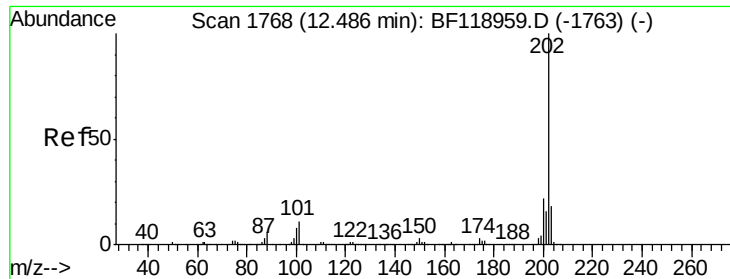
mohammad
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#74
 Di-n-butylphthalate
 Concen: 44.955 ng
 RT: 11.83 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.9	11.9
104	5.1	4.6	6.8





#75

Fluoranthene

Concen: 43.042 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Instrument :

BNA_F

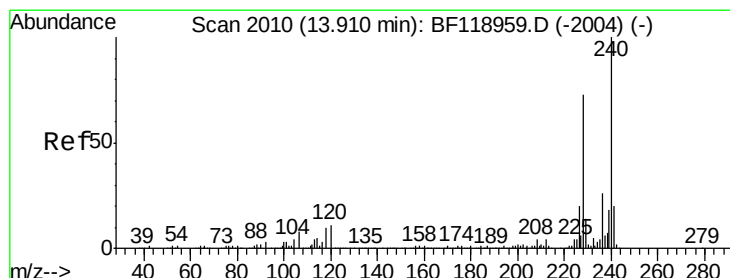
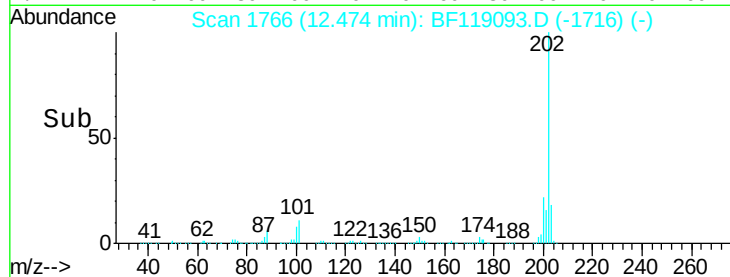
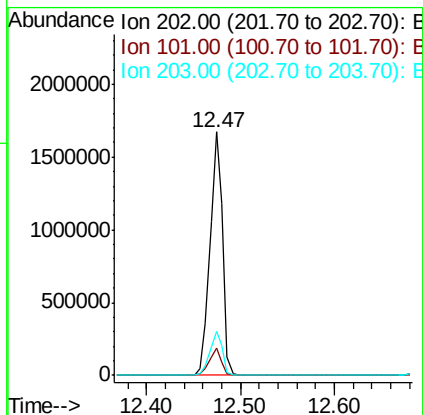
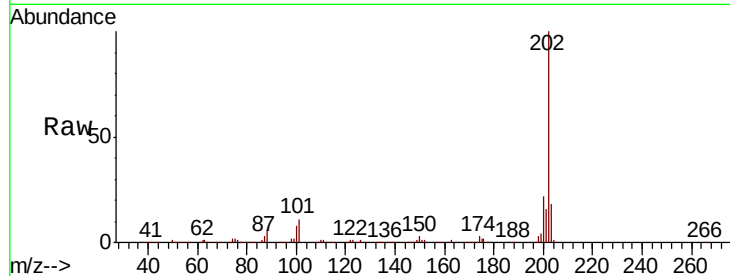
ClientSampleId :

SH-BORING-2MS

Tot Ion:	202	Resp:	1587481
Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.3
203	18.2	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

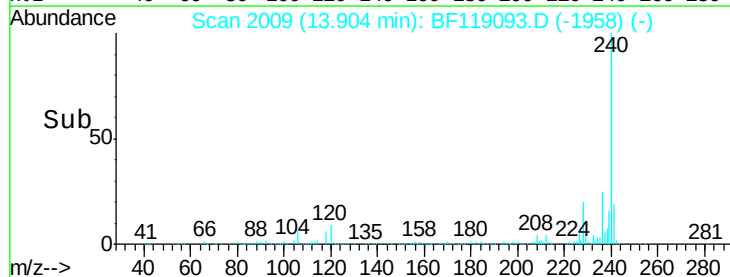
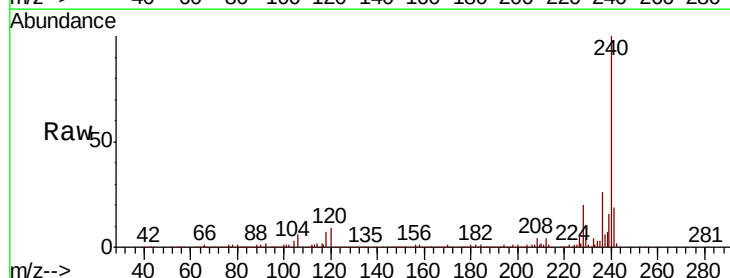
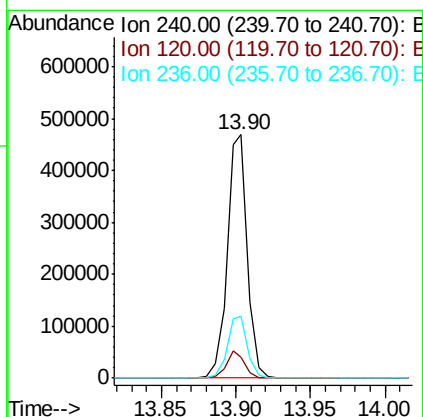
RT: 13.90 min Scan# 2009

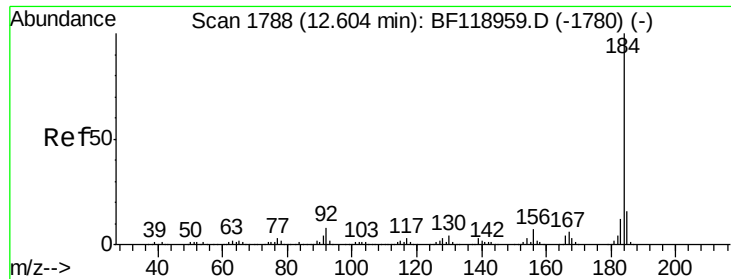
Delta R.T. -0.00 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Tgt Ion:	240	Resp:	444416
Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.4	12.6
236	25.5	21.0	31.4





#77

Benzidine

Concen: 40.927 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Instrument :

BNA_F

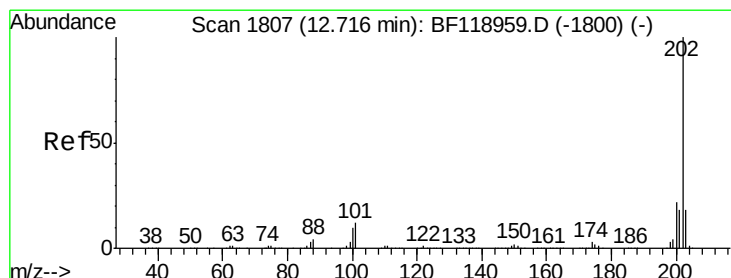
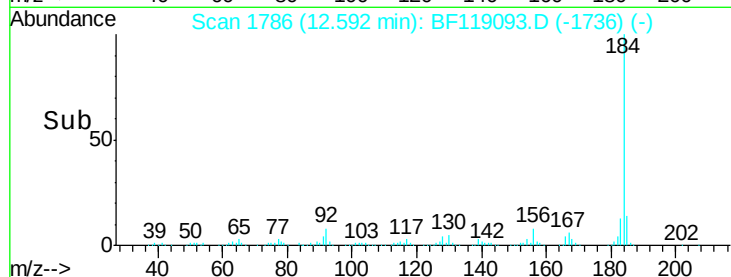
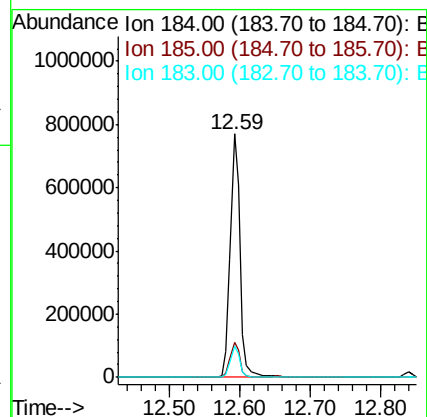
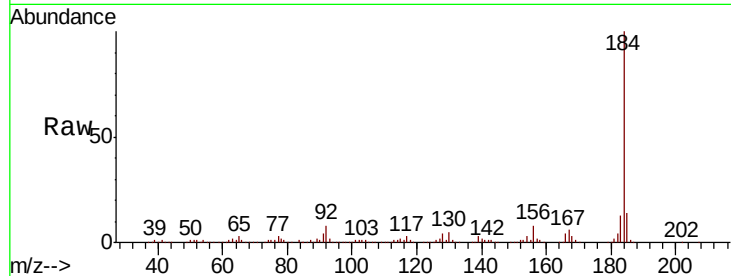
ClientSampleId :

SH-BORING-2MS

Tot Ion:	184	Resp:	739715
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.2	18.4
183	12.6	9.9	14.9

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#78

Pyrene

Concen: 43.836 ng

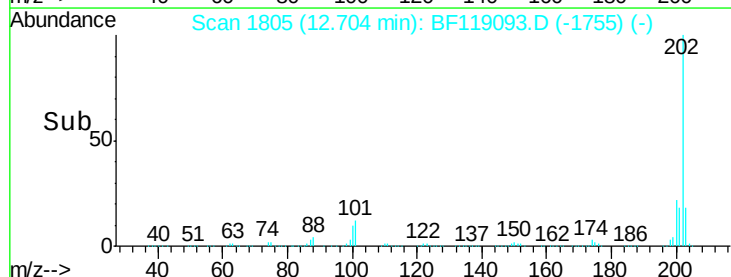
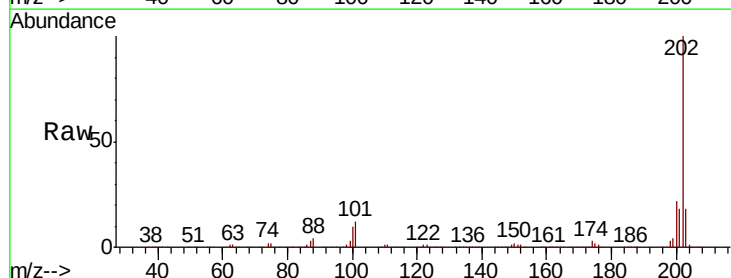
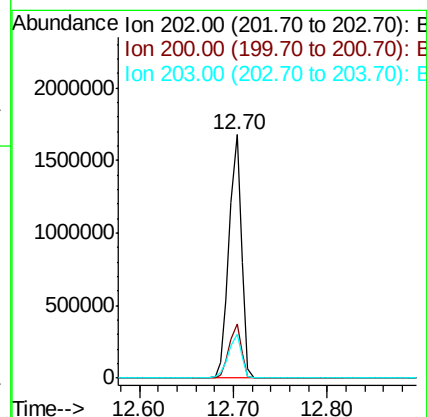
RT: 12.70 min Scan# 1805

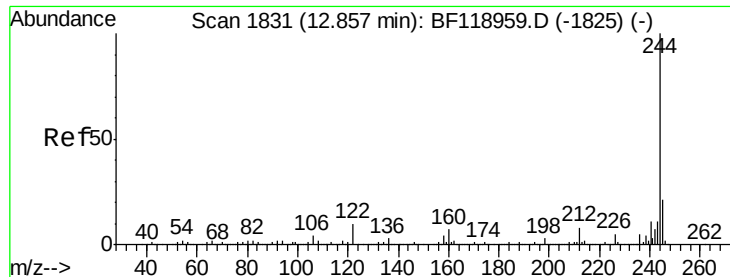
Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Tgt Ion:	202	Resp:	1564349
Ion Ratio	Lower	Upper	
202	100		
200	22.1	18.0	27.0
203	18.0	14.6	22.0





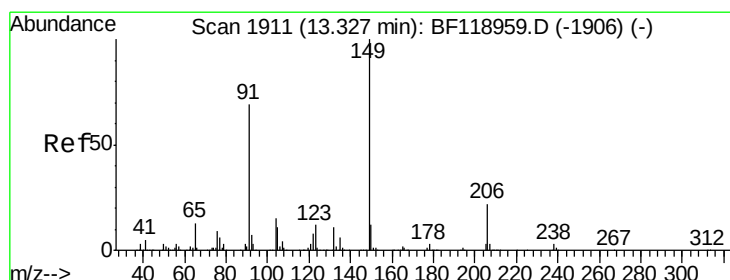
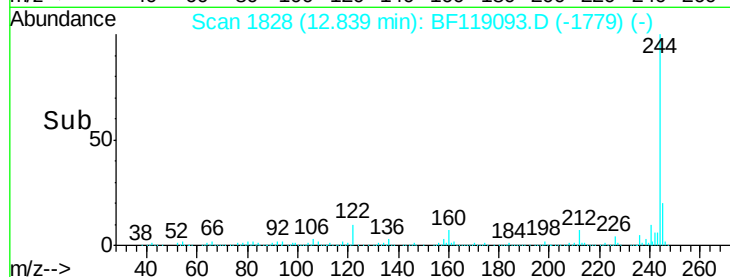
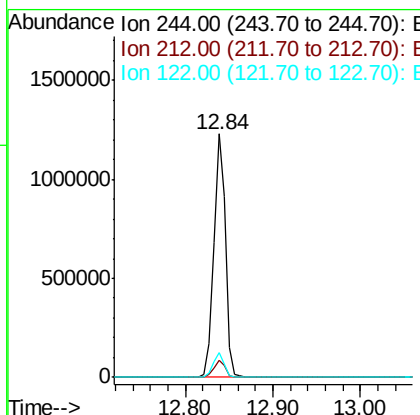
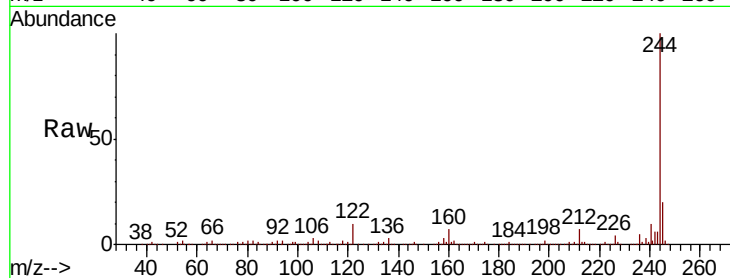
#79
 Terphenyl-d14
 Concen: 43.764 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Instrument :
 BNA_F
 ClientSampleId :
 SH-BORING-2MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.6	10.0
122	10.3	8.2	12.2

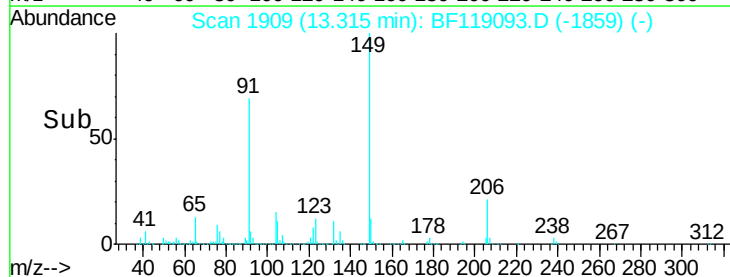
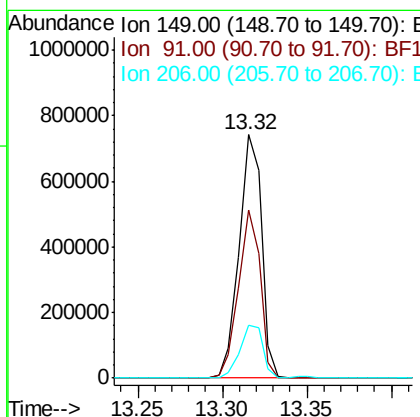
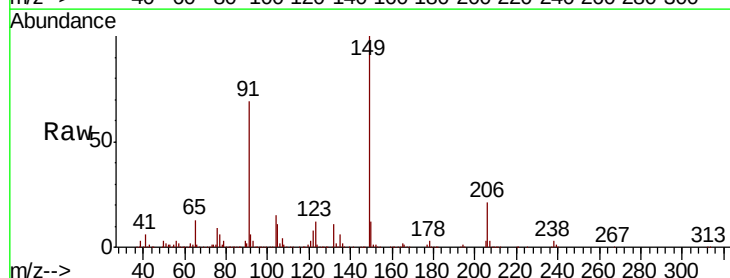
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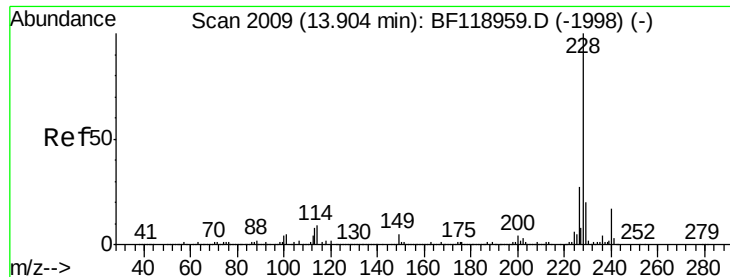
mohammad
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#80
 Butylbenzylphthalate
 Concen: 45.943 ng
 RT: 13.32 min Scan# 1909
 Delta R.T. -0.01 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.9	52.3	78.5
206	21.5	18.5	27.7





#81

Benzo(a)anthracene

Concen: 42.025 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

Instrument :

BNA_F

ClientSampleId :

SH-BORING-2MS

Tot Ion:228 Resp: 1272545

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

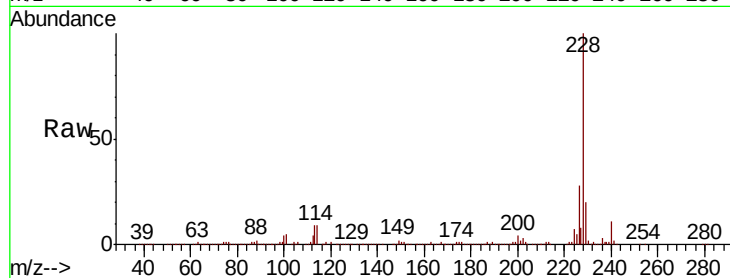
229 20.0 16.6 24.8

Manual Integrations

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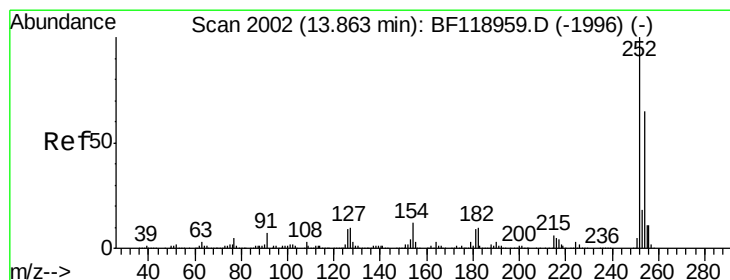
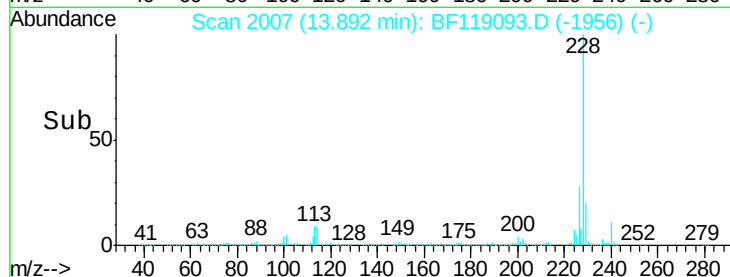
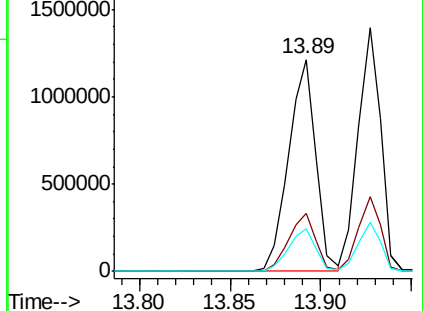
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.811 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF119093.D

Acq: 26 Feb 2020 14:25

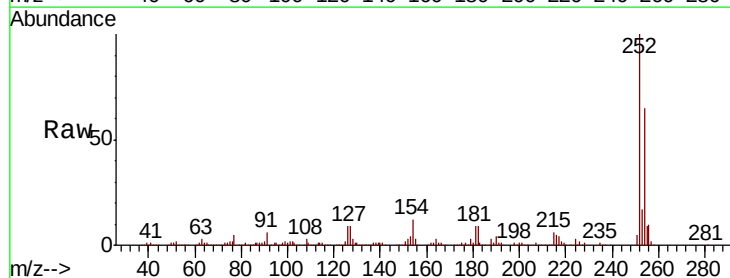
Tgt Ion:252 Resp: 315250

Ion Ratio Lower Upper

252 100

254 64.8 51.6 77.4

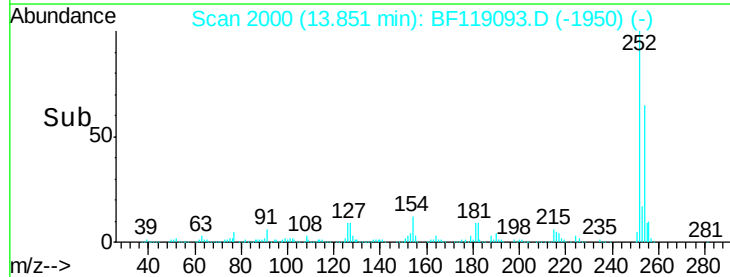
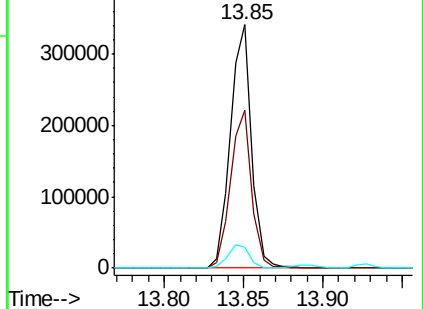
126 8.7 7.4 11.0

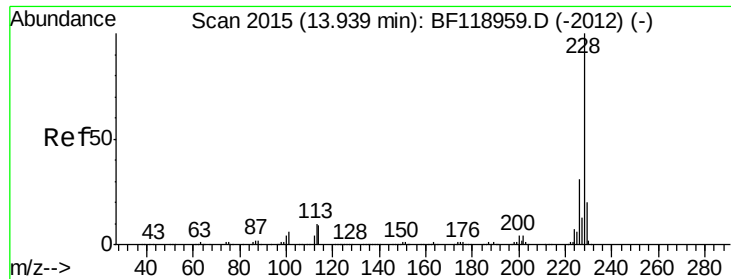


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





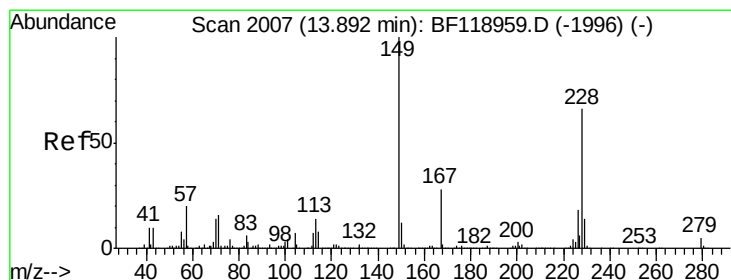
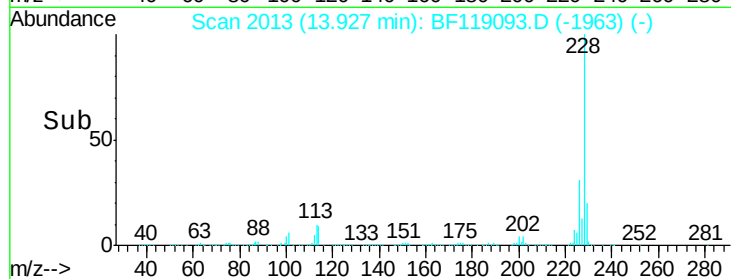
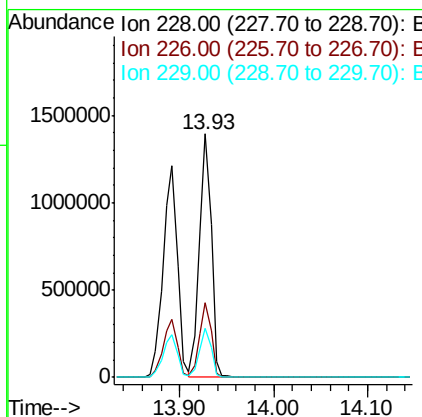
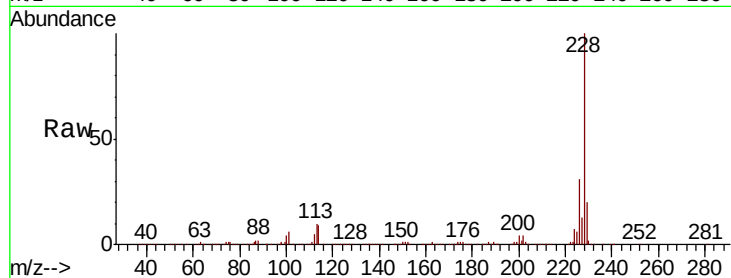
#83
 Chrysene
 Concen: 40.686 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Instrument :
 BNA_F
 ClientSampleId :
 SH-BORING-2MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.1	37.7
229	20.2	16.3	24.5

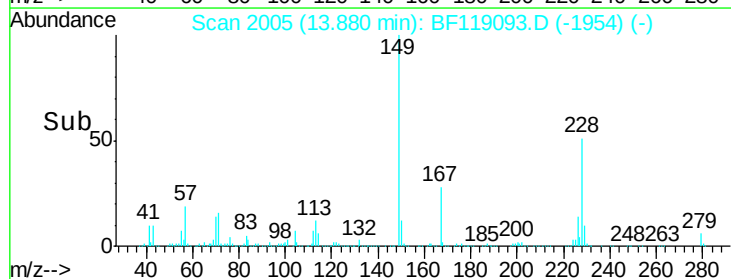
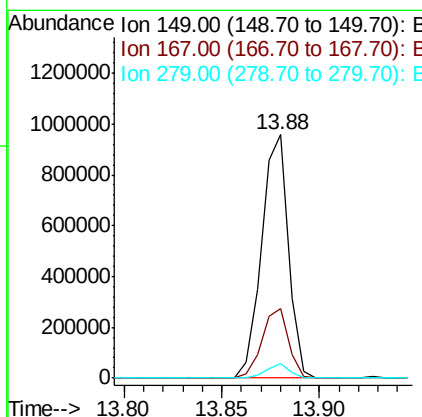
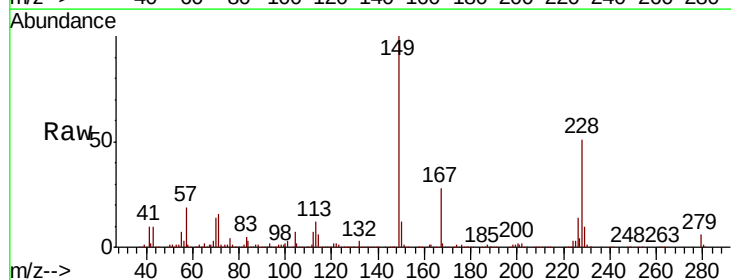
Manual Integrations
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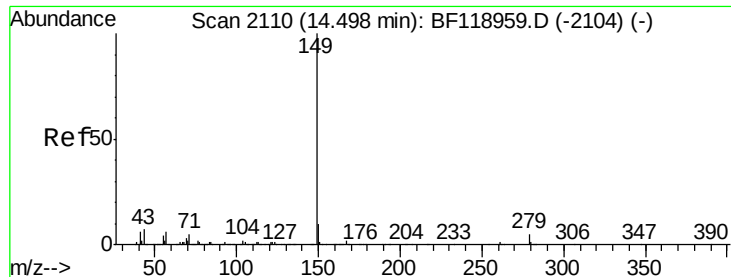
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.939 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.00 min
 Lab File: BF119093.D
 Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.8	34.2
279	5.7	4.6	6.8





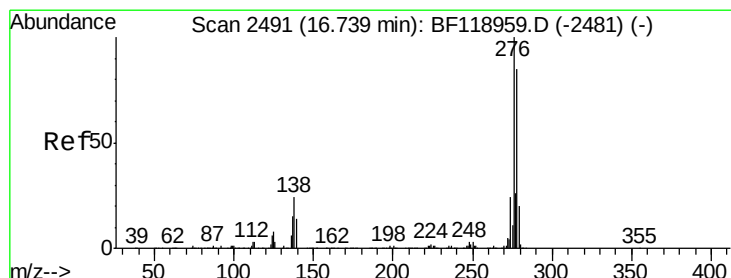
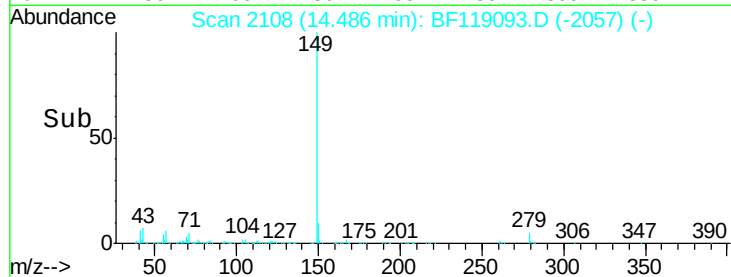
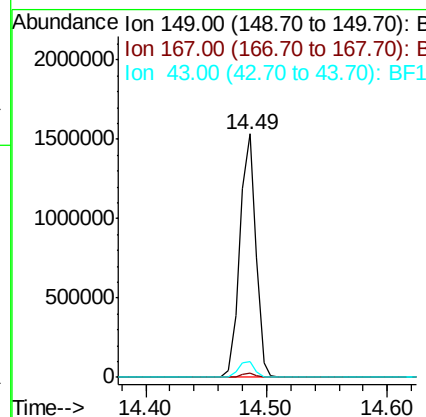
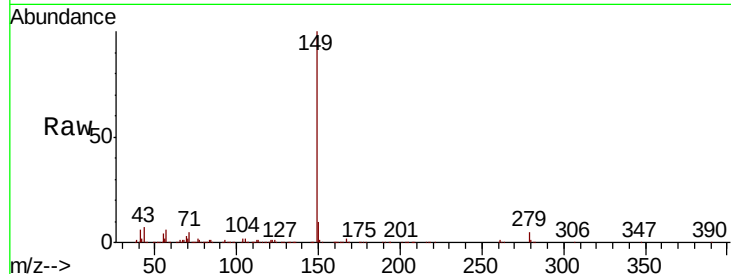
#85
Di-n-octyl phthalate
Concen: 47.102 ng
RT: 14.49 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	6.6	5.7	8.5

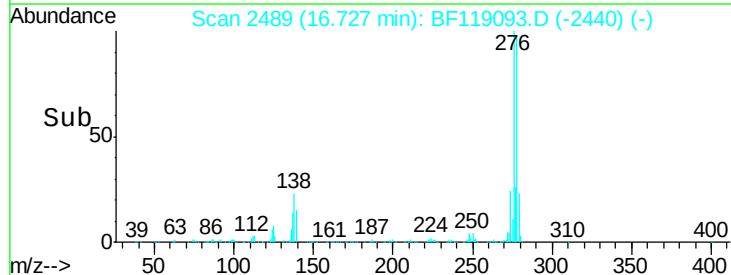
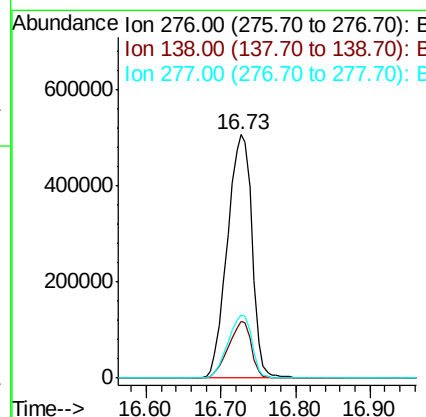
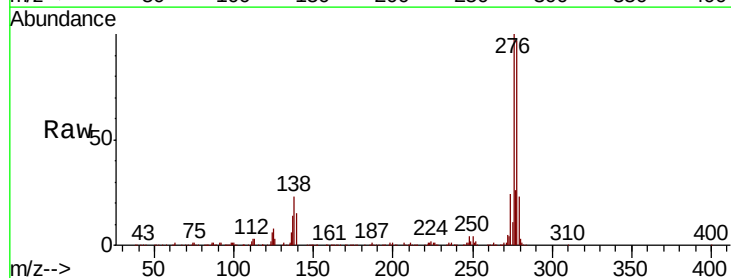
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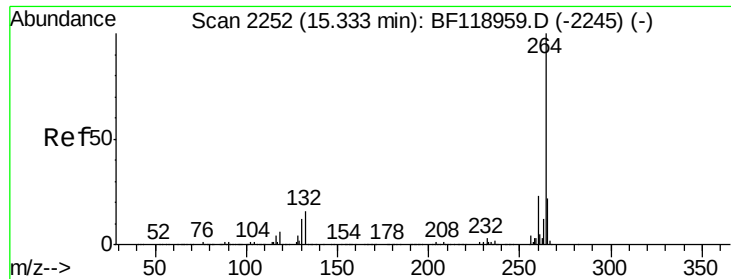
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.883 ng
RT: 16.73 min Scan# 2489
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.7	17.4	26.0
277	25.4	20.3	30.5





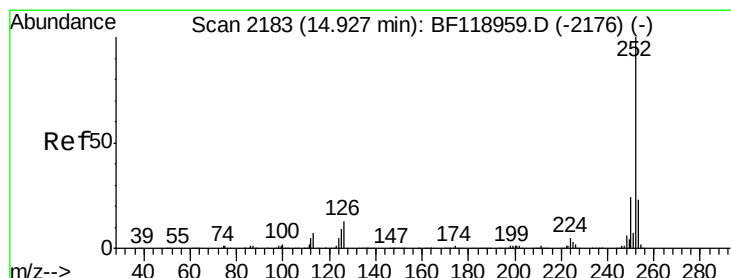
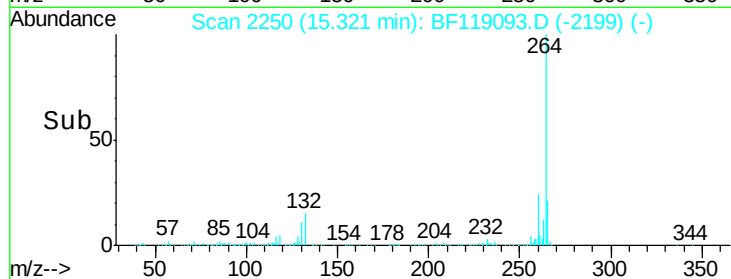
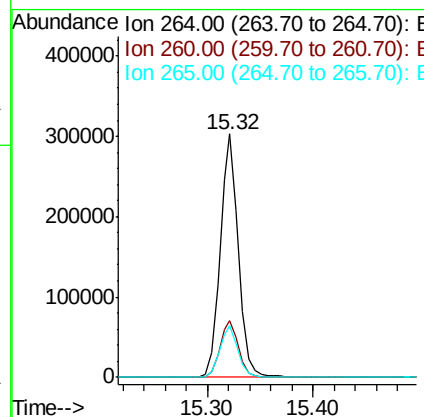
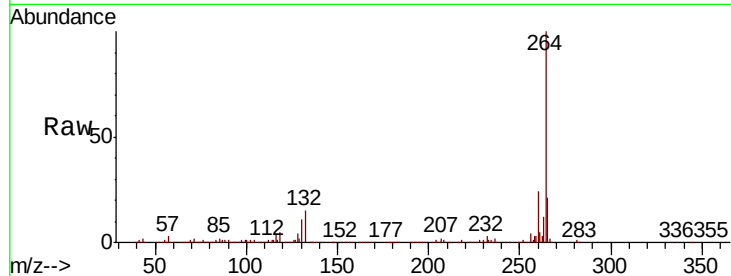
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.0	17.7	26.5

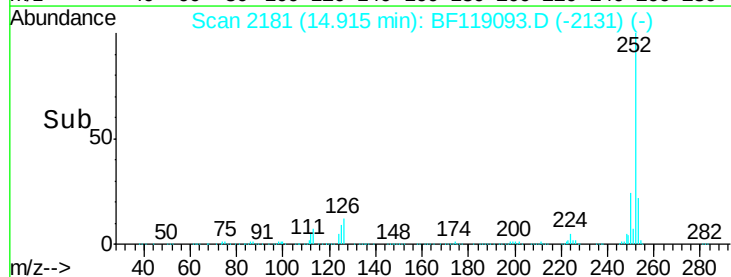
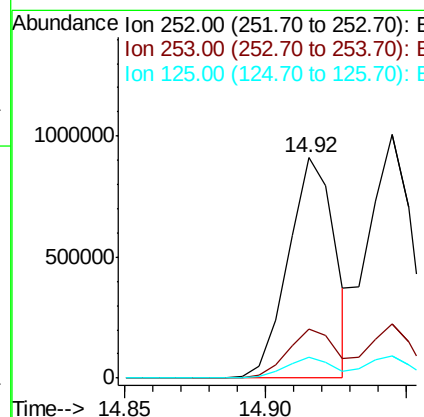
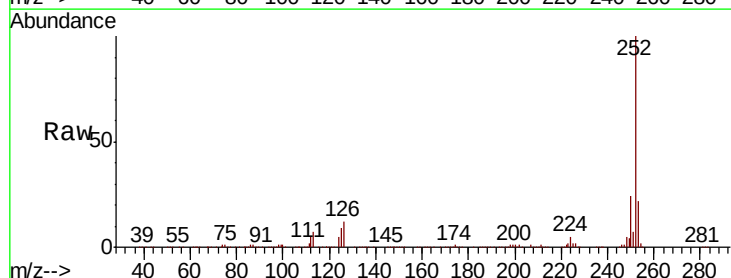
Manual Integrations
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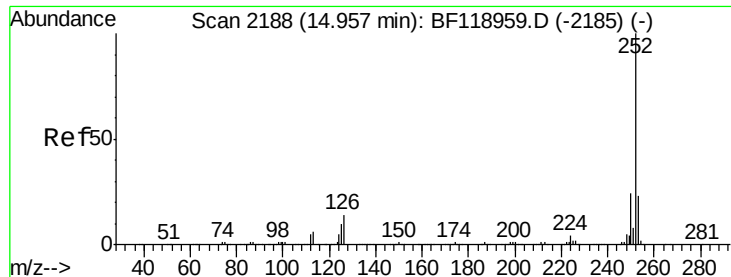
mohammad
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#88
Benzo(b)fluoranthene
Concen: 43.392 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	9.4	7.4	11.0





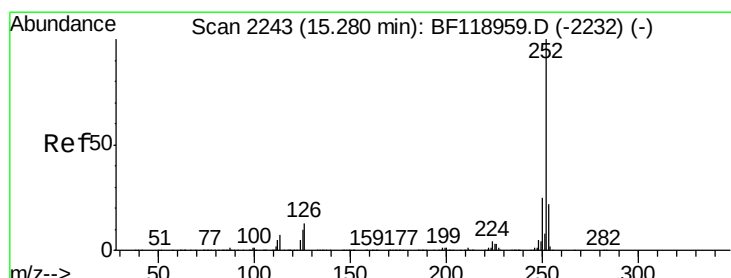
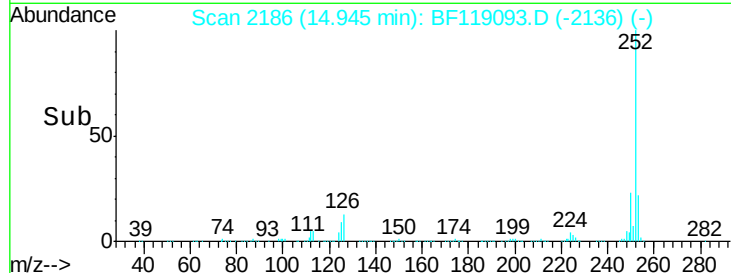
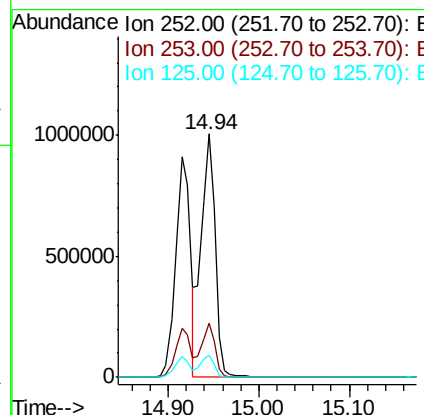
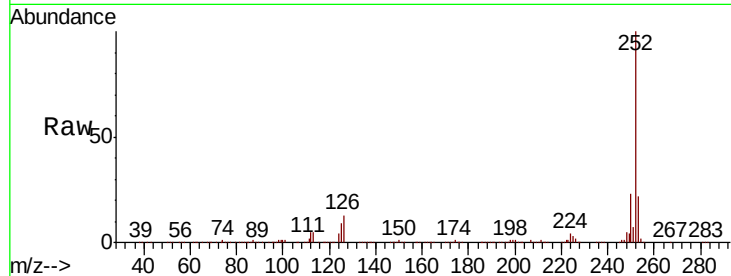
#89
Benzo(k)fluoranthene
Concen: 48.492 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	9.2	7.5	11.3

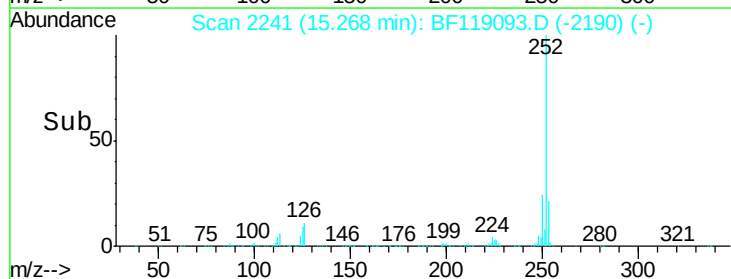
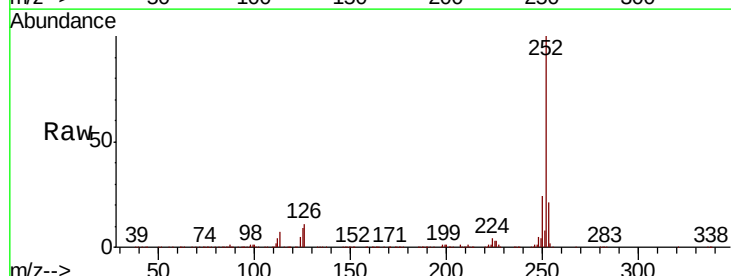
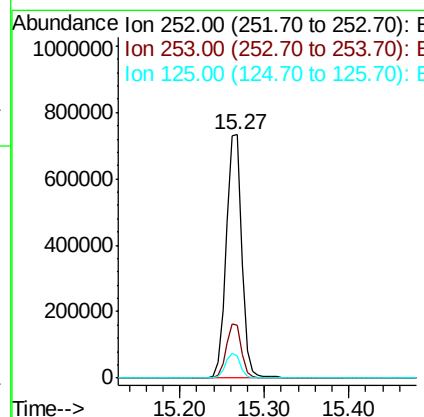
Manual Integrations
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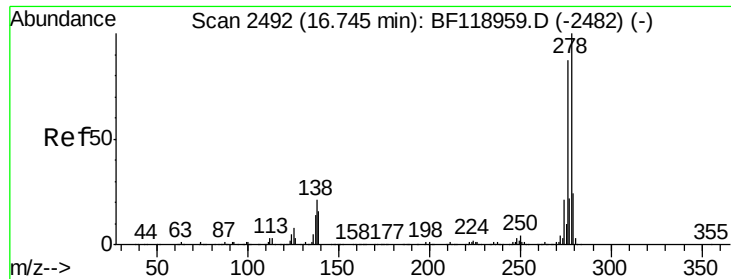
mohammad
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#90
Benzo(a)pyrene
Concen: 43.430 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	8.9	8.6	12.8





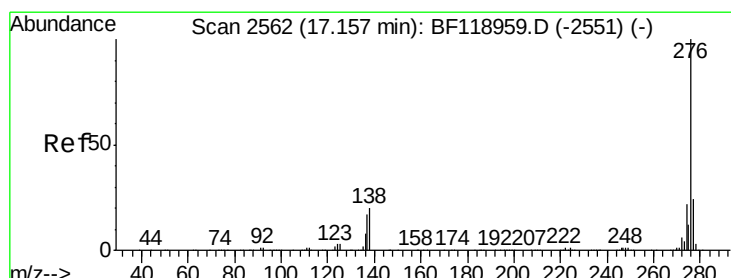
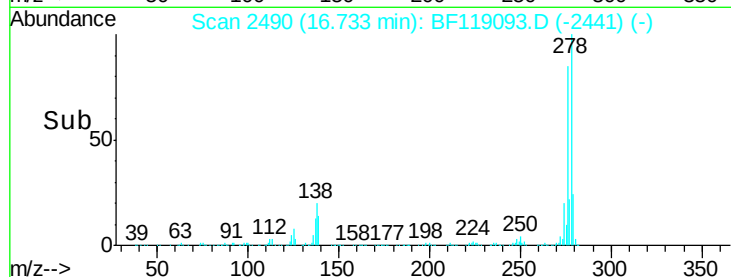
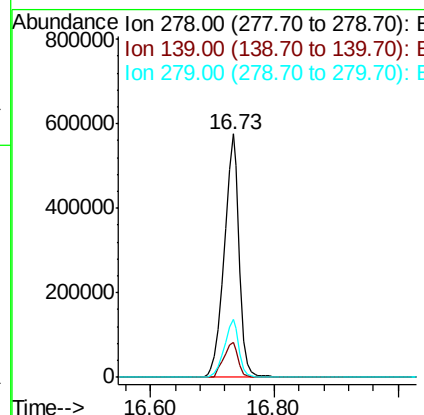
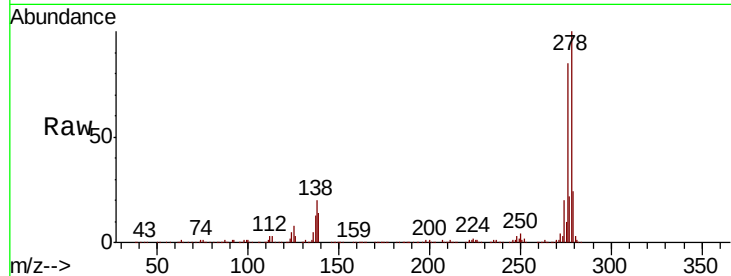
#91
Dibenzo(a,h)anthracene
Concen: 50.699 ng
RT: 16.73 min Scan# 2490
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.3	11.0	16.4
279	23.6	18.6	28.0

Manual Integrations
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2/27/2020 4:58:24 PM



#92
Benzo(g,h,i)perylene
Concen: 53.137 ng
RT: 17.15 min Scan# 2561
Delta R.T. -0.01 min
Lab File: BF119093.D
Acq: 26 Feb 2020 14:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	18.0	14.3	21.5

