

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119022.D
 Acq On : 24 Feb 2020 14:40
 Operator : CG/JU
 Sample : PB127021BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127021BS

Manual Integrations
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 2/25/2020 4:19:16 PM

Quant Time: Feb 25 00:47:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	163092	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	627650	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	362766	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	685204	20.00	ng	0.00
76) Chrysene-d12	13.92	240	447077	20.00	ng	0.00
87) Perylene-d12	15.34	264	326495	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1020217	104.54	ng	0.01
7) Phenol-d6	6.40	99	1267051	106.75	ng	0.00
23) Nitrobenzene-d5	7.32	82	753524	63.39	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	485247	102.25	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1565869	63.59	ng	0.00
79) Terphenyl-d14	12.86	244	1868493	71.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	149941	34.508	ng	100
3) Pyridine	3.28	79	354858	29.904	ng	98
4) n-Nitrosodimethylamine	3.21	42	135183	37.606	ng	96
6) Aniline	6.42	93	403119	27.526	ng	# 43
8) 2-Chlorophenol	6.55	128	430697	40.894	ng	95
9) Benzaldehyde	6.30	77	190426	24.014	ng	98
10) Phenol	6.42	94	498595	38.854	ng	94
11) bis(2-Chloroethyl)ether	6.49	93	385142	39.226	ng	99
12) 1,3-Dichlorobenzene	6.70	146	471419	37.346	ng	100
13) 1,4-Dichlorobenzene	6.77	146	478418	37.874	ng	100
14) 1,2-Dichlorobenzene	6.93	146	442426	38.404	ng	99
15) Benzyl Alcohol	6.90	79	362728	42.286	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	320284	37.657	ng	90
17) 2-Methylphenol	7.02	107	352690	41.304	ng	95
18) Hexachloroethane	7.27	117	170903	37.817	ng	97
19) n-Nitroso-di-n-propylamine	7.17	70	282150	40.797	ng	97
20) 3+4-Methylphenols	7.17	107	435688	41.648	ng	# 74
22) Acetophenone	7.16	105	565643	38.950	ng	94
24) Nitrobenzene	7.34	77	441393	37.548	ng	99
25) Isophorone	7.58	82	813431	39.401	ng	99
26) 2-Nitrophenol	7.66	139	245457	39.408	ng	98
27) 2,4-Dimethylphenol	7.70	122	372695	44.089	ng	97
28) bis(2-Chloroethoxy)methane	7.79	93	498623	37.107	ng	100
29) 2,4-Dichlorophenol	7.90	162	387379	38.927	ng	99
30) 1,2,4-Trichlorobenzene	7.98	180	423120	35.861	ng	99
31) Naphthalene	8.06	128	1239912	38.091	ng	100
32) Benzoic acid	7.85	122	205311	35.334	ng	99
33) 4-Chloroaniline	8.11	127	310925	22.208	ng	99
34) Hexachlorobutadiene	8.18	225	256184	34.857	ng	98
35) Caprolactam	8.49	113	111584m	36.415	ng	
36) 4-Chloro-3-methylphenol	8.60	107	406997	40.411	ng	98
37) 2-Methylnaphthalene	8.75	142	871336	39.776	ng	100
38) 1-Methylnaphthalene	8.85	142	810041	39.320	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	437053	35.733	ng	99

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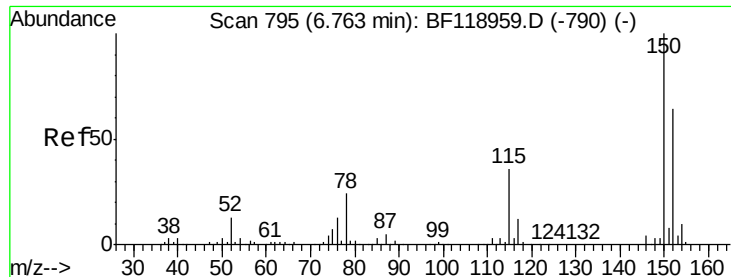
Manual Integrations
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Quant Time: Feb 25 00:47:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	258532	60.646	ng	96
43) 2,4,6-Trichlorophenol	9.03	196	283187	36.664	ng	99
44) 2,4,5-Trichlorophenol	9.08	196	304421	37.560	ng	94
46) 1,1'-Biphenyl	9.22	154	1052556	35.900	ng	99
47) 2-Chloronaphthalene	9.24	162	846985	35.849	ng	98
48) 2-Nitroaniline	9.34	65	235233	35.696	ng	95
49) Acenaphthylene	9.66	152	1305236	38.250	ng	100
50) Dimethylphthalate	9.52	163	1034262	37.284	ng	100
51) 2,6-Dinitrotoluene	9.58	165	234945	38.122	ng	99
52) Acenaphthene	9.83	154	763144	37.089	ng	99
53) 3-Nitroaniline	9.75	138	159226	23.304	ng	94
54) 2,4-Dinitrophenol	9.87	184	204158	69.264	ng	98
55) Dibenzofuran	10.00	168	1171251	38.137	ng	99
56) 4-Nitrophenol	9.93	139	298169	72.634	ng	94
57) 2,4-Dinitrotoluene	9.99	165	305066	38.189	ng	92
58) Fluorene	10.34	166	914676	38.327	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	252572	36.931	ng	98
60) Diethylphthalate	10.22	149	983144	37.608	ng	99
61) 4-Chlorophenyl-phenylether	10.33	204	477166	37.774	ng	96
62) 4-Nitroaniline	10.36	138	228975	32.756	ng	99
63) Azobenzene	10.49	77	877159	38.603	ng	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	167266	40.341	ng	98
66) n-Nitrosodiphenylamine	10.45	169	836892	37.301	ng	100
67) 4-Bromophenyl-phenylether	10.82	248	324144	36.191	ng	94
68) Hexachlorobenzene	10.89	284	367767	35.614	ng	99
69) Atrazine	10.98	200	303048	38.659	ng	99
70) Pentachlorophenol	11.09	266	301168	72.401	ng	100
71) Phenanthrene	11.30	178	1367733	36.602	ng	99
72) Anthracene	11.35	178	1419610	38.022	ng	99
73) Carbazole	11.50	167	1224530	36.814	ng	100
74) Di-n-butylphthalate	11.83	149	1530908	38.006	ng	99
75) Fluoranthene	12.49	202	1430804	36.072	ng	100
77) Benzidine	12.60	184	366179	20.139	ng	97
78) Pyrene	12.72	202	1420751	39.576	ng	100
80) Butylbenzylphthalate	13.33	149	606553	40.145	ng	99
81) Benzo(a)anthracene	13.90	228	1140039	37.425	ng	100
82) 3,3'-Dichlorobenzidine	13.86	252	346859	29.324	ng	99
83) Chrysene	13.94	228	1092520	35.994	ng	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	799684	41.894	ng	99
85) Di-n-octyl phthalate	14.50	149	1234633	40.595	ng	99
86) Indeno(1,2,3-cd)pyrene	16.75	276	942478	32.068	ng	98
88) Benzo(b)fluoranthene	14.93	252	984576	45.750	ng	99
89) Benzo(k)fluoranthene	14.96	252	898033	45.028	ng	98
90) Benzo(a)pyrene	15.28	252	803027	41.344	ng	99
91) Dibenzo(a,h)anthracene	16.76	278	790508	46.255	ng	99
92) Benzo(g,h,i)perylene	17.17	276	811434	48.054	ng	97

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



#1

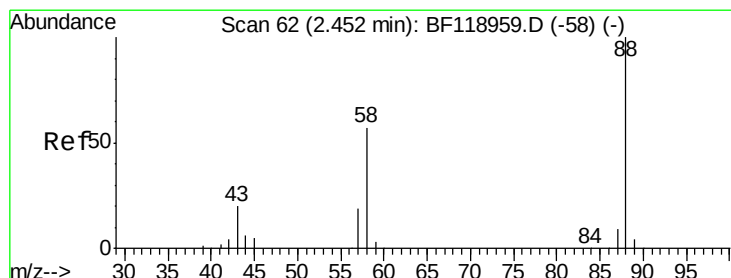
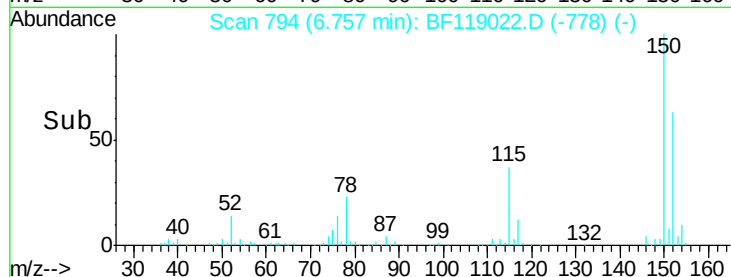
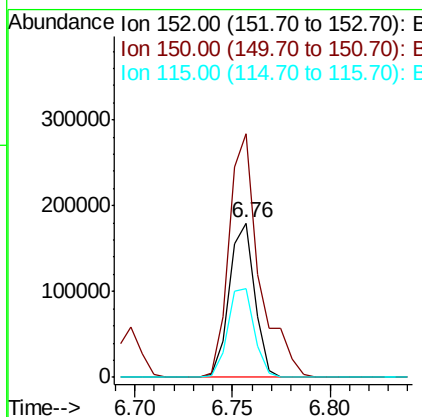
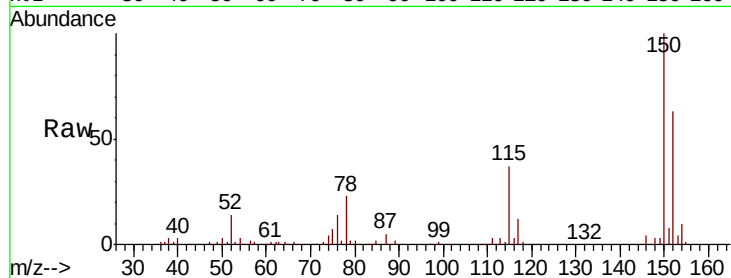
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
PB127021BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.3	186.5
115	57.9	44.6	67.0

Manual Integrations
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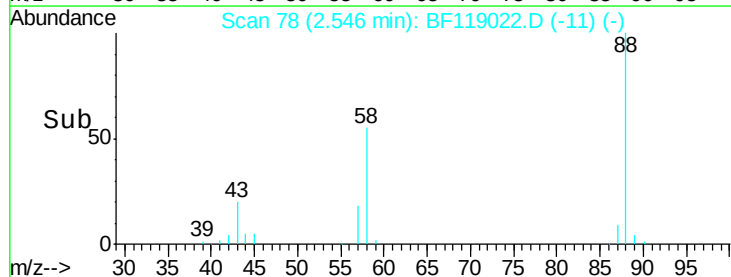
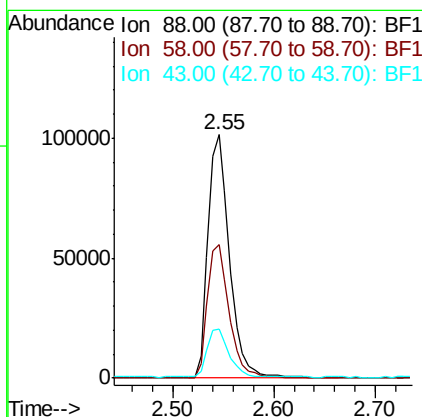
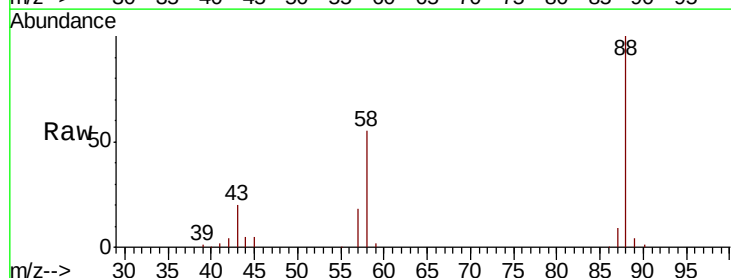
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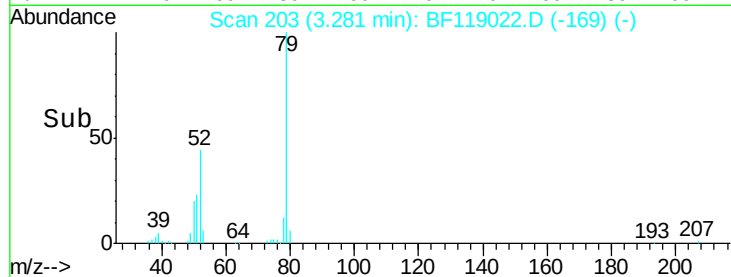
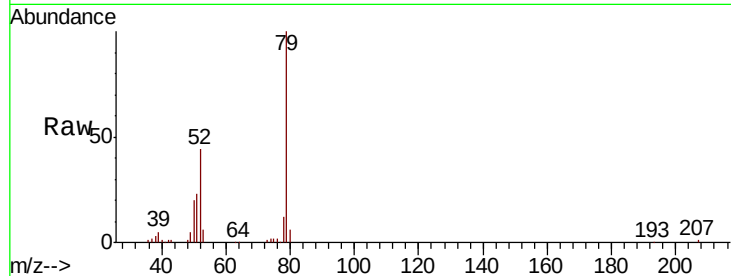
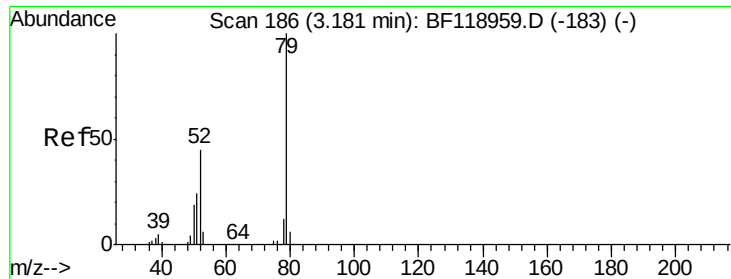


#2

1,4-Dioxane
Concen: 34.508 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.09 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.7	44.6	66.8
43	20.1	16.0	24.0





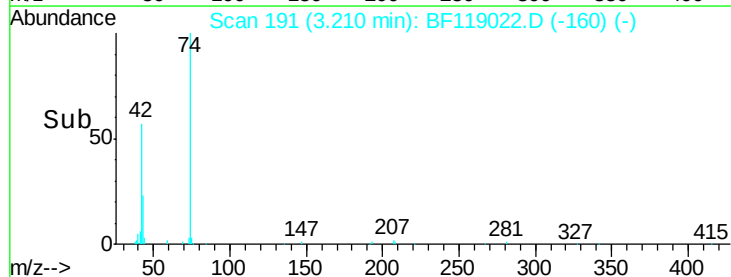
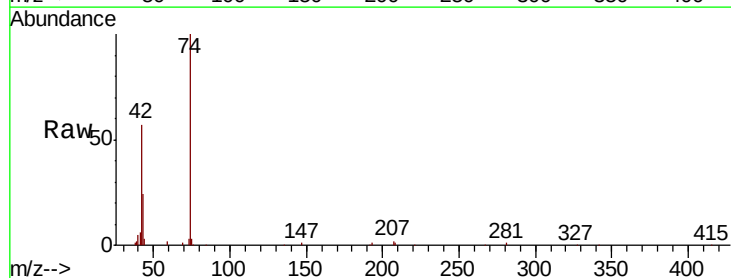
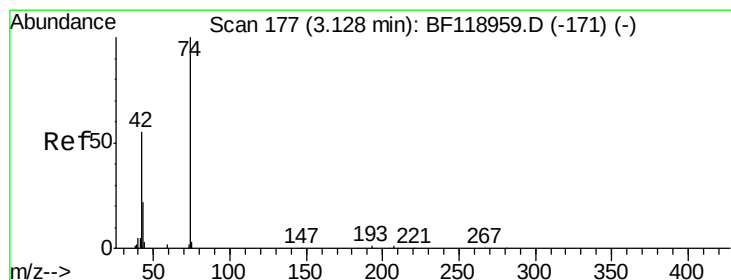
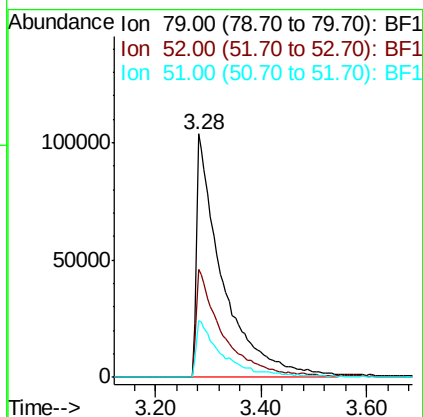
#3
Pvridine
Concen: 29.904 ng
RT: 3.28 min Scan# 203
Delta R.T. 0.10 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tot Ion	Ratio	Lower	Upper
79	100		
52	44.1	36.3	54.5
51	23.1	19.5	29.3

Instrument :
BNA_F
ClientSampled :
PB127021BS

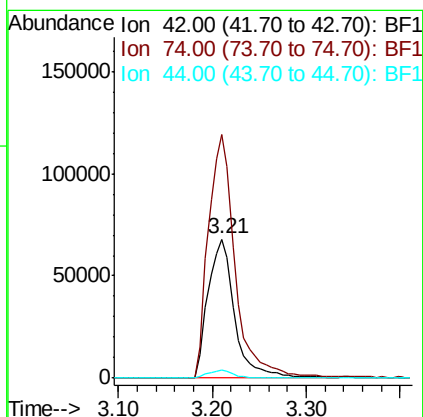
Manual Integrations
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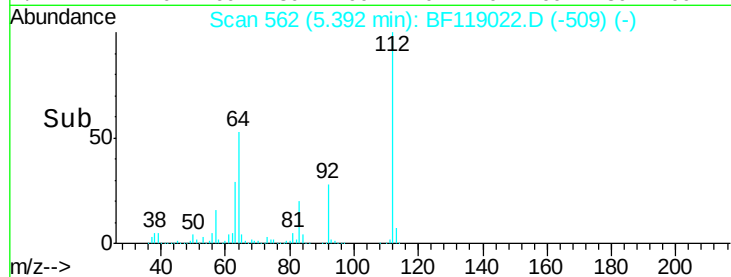
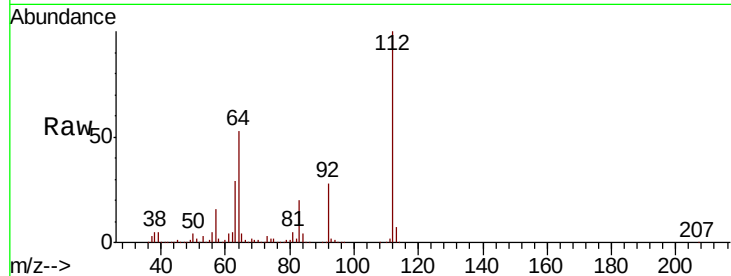
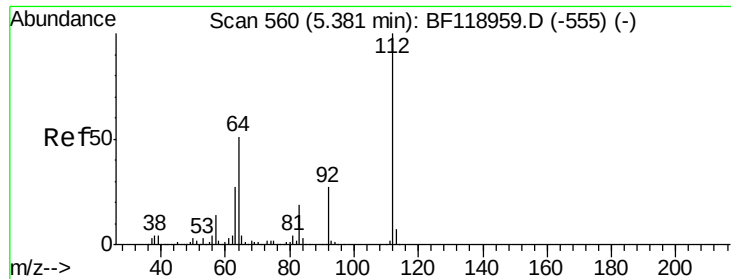
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#4
n-Nitrosodimethylamine
Concen: 37.606 ng
RT: 3.21 min Scan# 191
Delta R.T. 0.08 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
42	100		
74	174.9	144.4	216.6
44	5.6	4.5	6.7





#5

2-Fluorophenol

Concen: 104.540 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Tot Ion:	112	Resp:	1020217
Ion	Ratio	Lower	Upper
112	100		
64	53.3	40.4	60.6
63	28.5	21.3	31.9

Instrument :

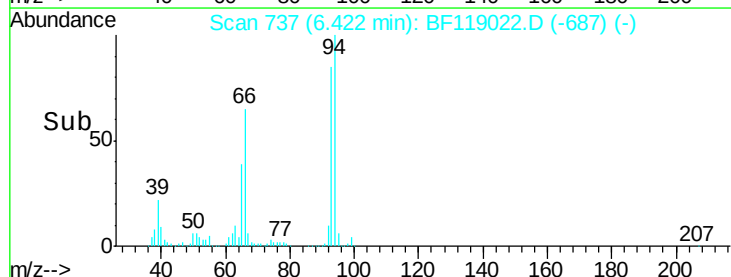
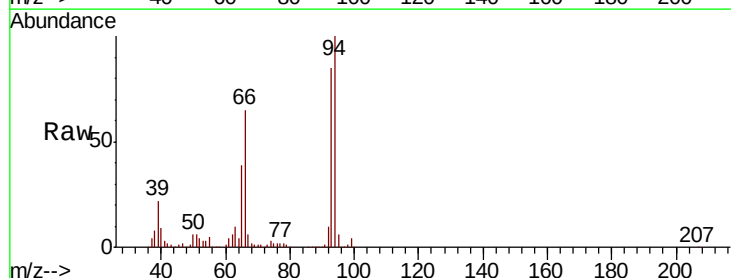
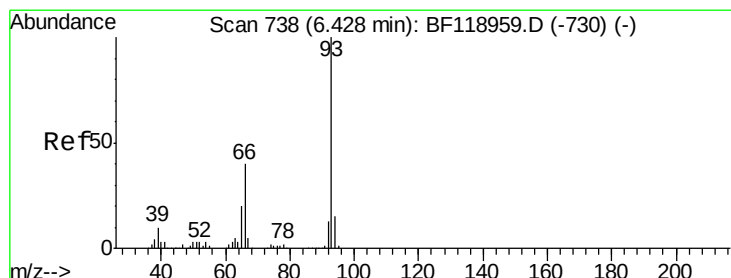
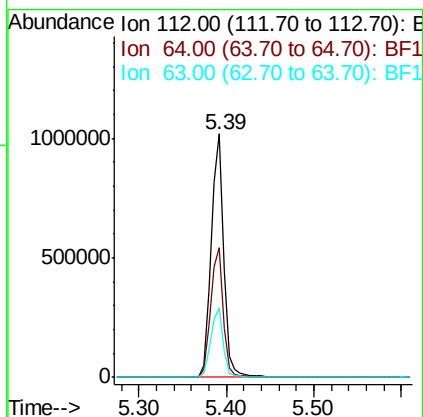
BNA_F

ClientSampleId :

PB127021BS

Manual Integrations
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#6

Aniline

Concen: 27.526 ng

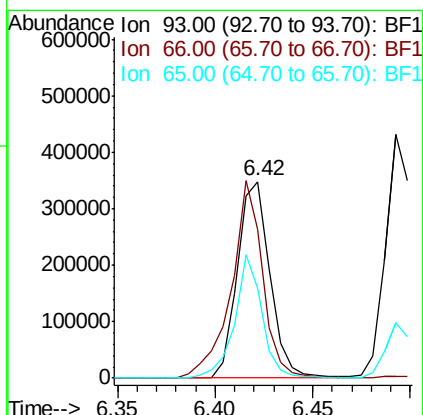
RT: 6.42 min Scan# 737

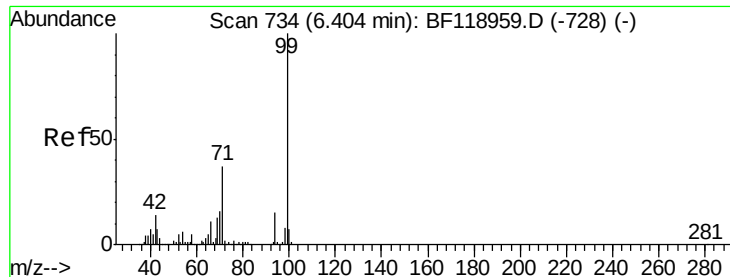
Delta R.T. -0.01 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Tgt Ion:	93	Resp:	403119
Ion	Ratio	Lower	Upper
93	100		
66	75.7	32.2	48.2#
65	45.7	16.1	24.1#





#7

Phenol-d6

Concen: 106.754 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

ClientSampled :

PB127021BS

Tot Ion: 99 Resp: 1267051

Ion Ratio Lower Upper

99 100

42 15.1 11.4 17.0

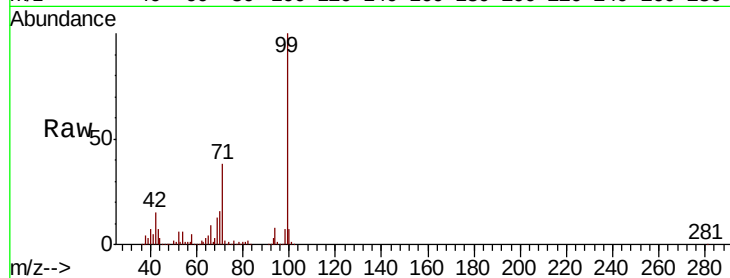
71 38.5 29.8 44.6

Manual Integrations

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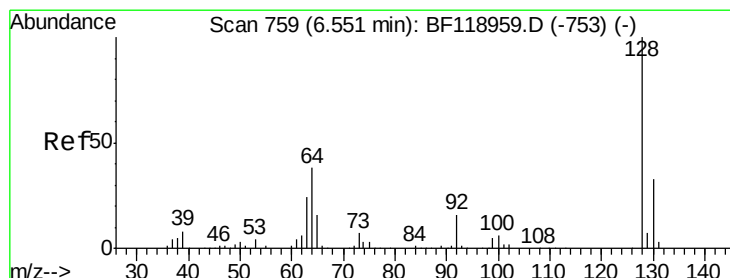
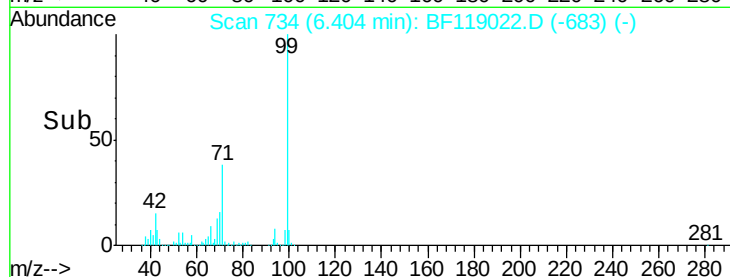
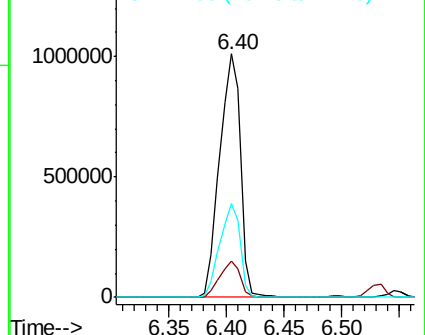
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.894 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

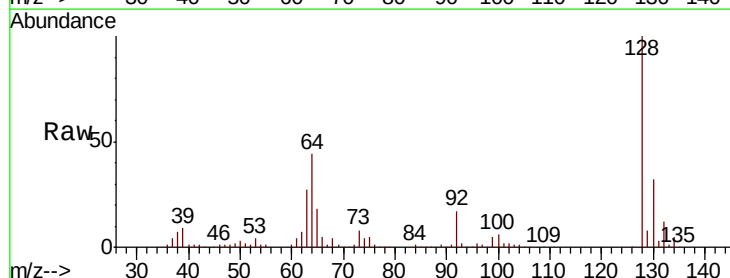
Tgt Ion: 128 Resp: 430697

Ion Ratio Lower Upper

128 100

130 32.2 12.7 52.7

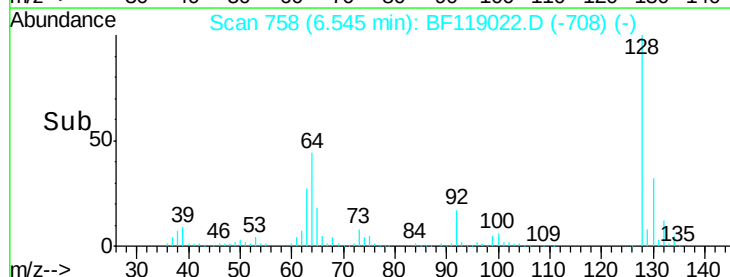
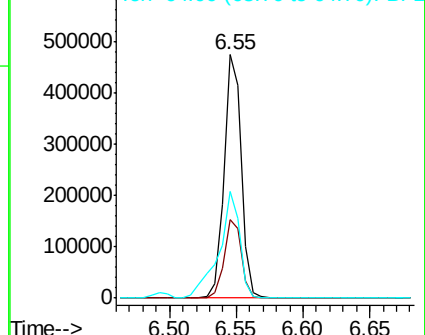
64 43.8 18.7 58.7

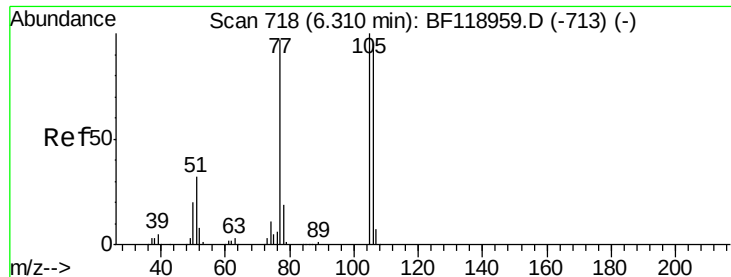


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





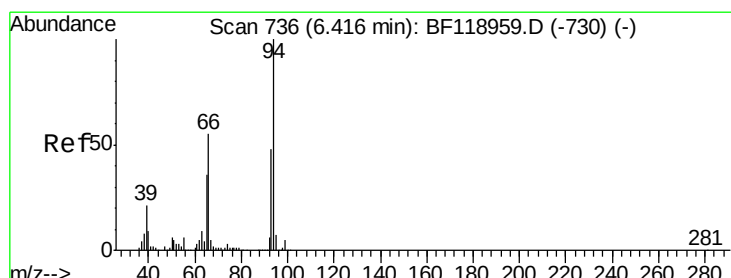
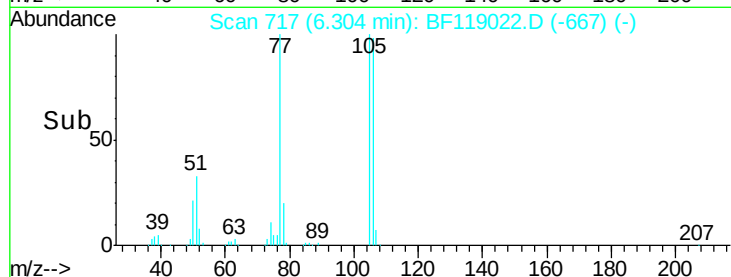
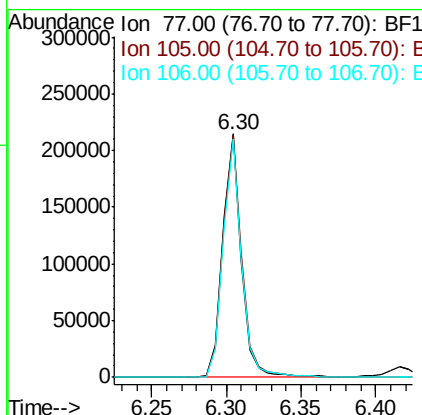
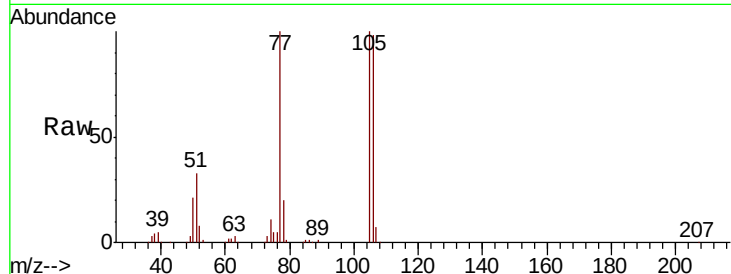
#9
Benzaldehyde
Concen: 24.014 ng
RT: 6.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
PB127021BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
105	99.6	83.0	123.0	
106	97.9	78.3	118.3	

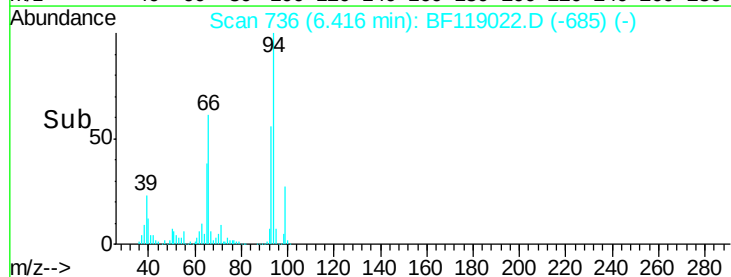
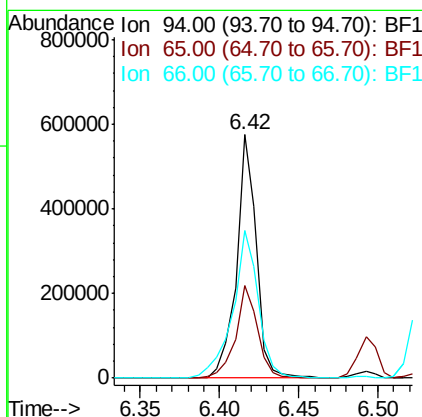
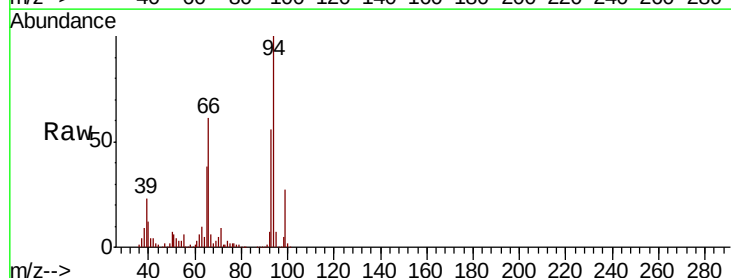
Manual Integrations
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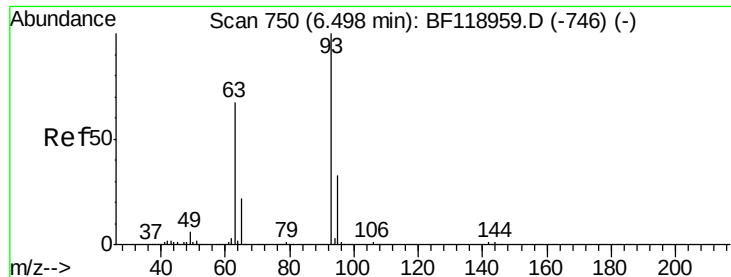
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#10
Phenol
Concen: 38.854 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
94	100			
65	37.8	15.5	55.5	
66	60.7	35.6	75.6	





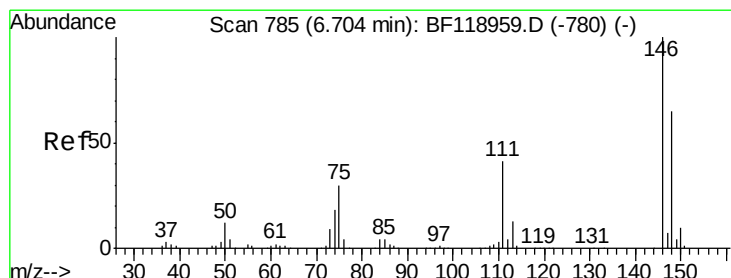
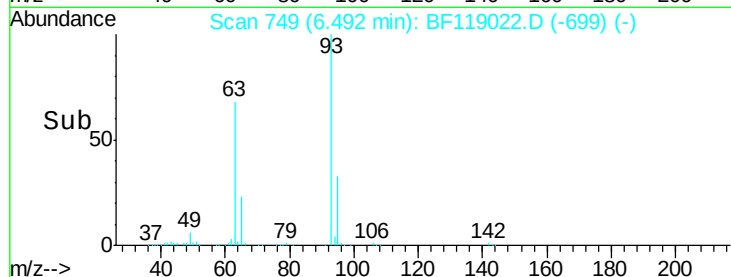
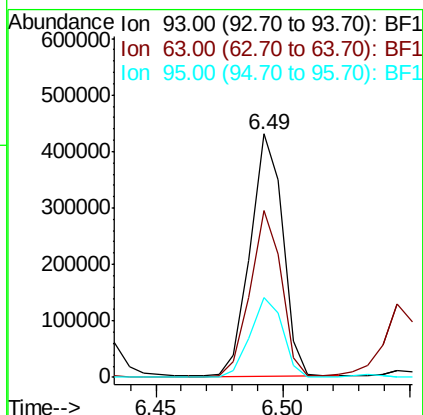
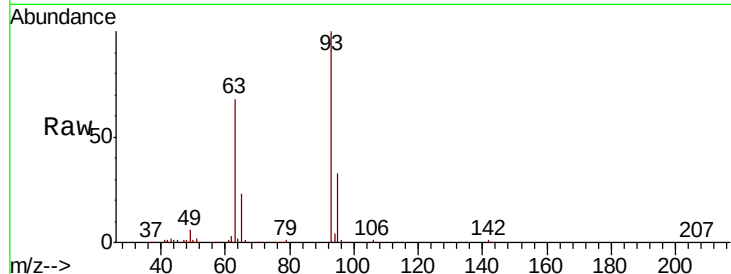
#11
bis(2-Chloroethyl)ether
Concen: 39.226 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
PB127021BS

Tot Ion:	93	Resp:	385142
Ion	Ratio	Lower	Upper
93	100		
63	68.4	46.8	86.8
95	32.6	12.7	52.7

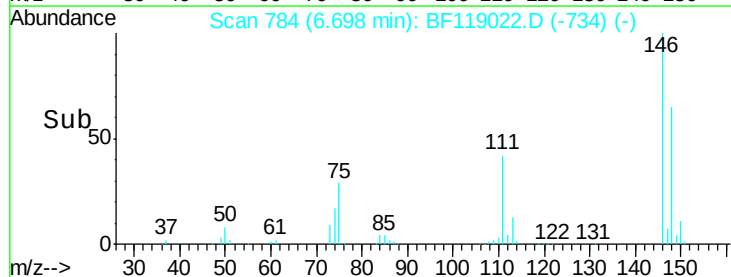
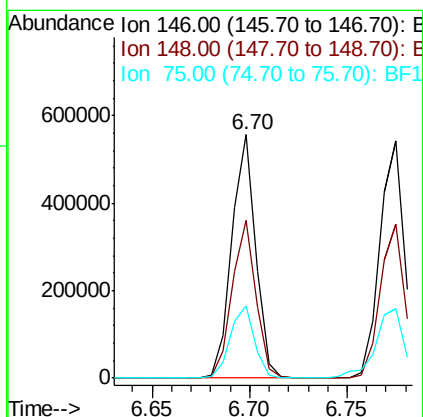
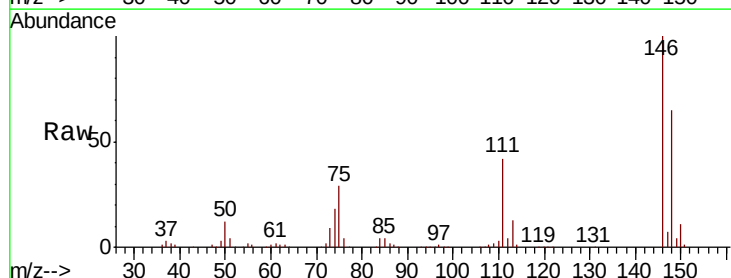
Manual Integrations
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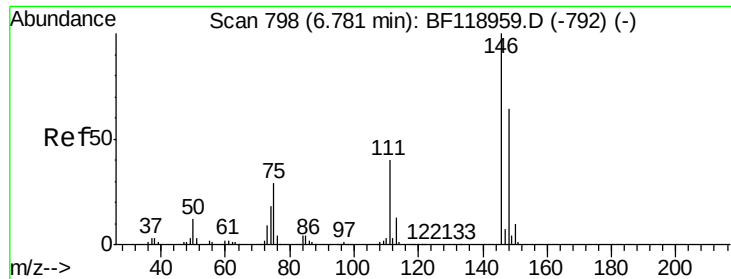
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.346 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion:	146	Resp:	471419
Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.7	77.5
75	29.5	23.6	35.4





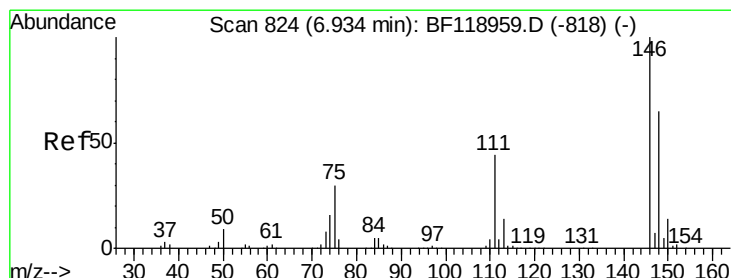
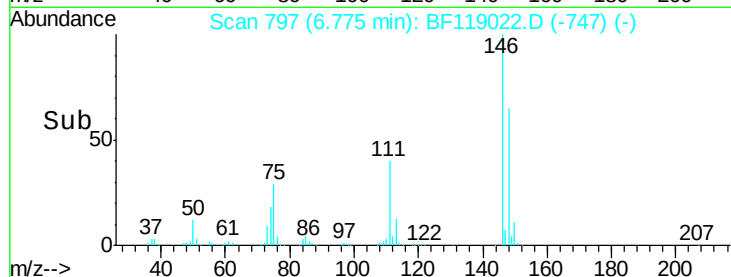
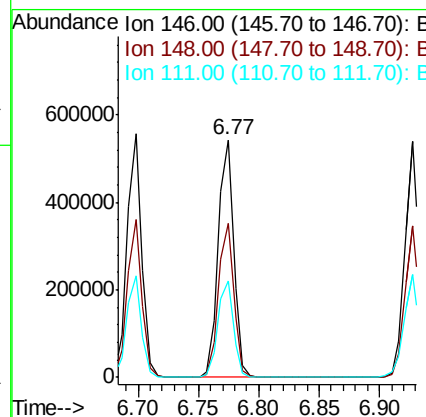
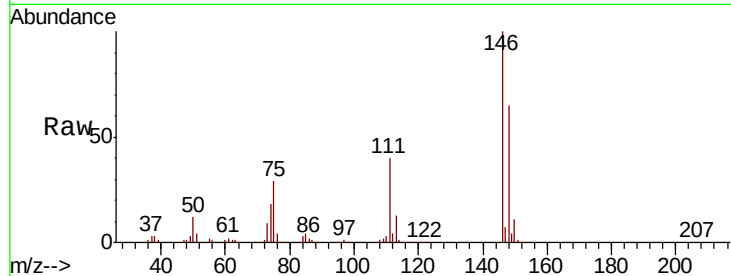
#13
1,4-Dichlorobenzene
Concen: 37.874 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
PB127021BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.2
111	40.3	31.9	47.9

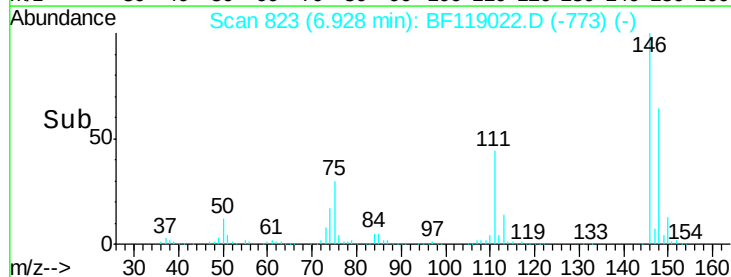
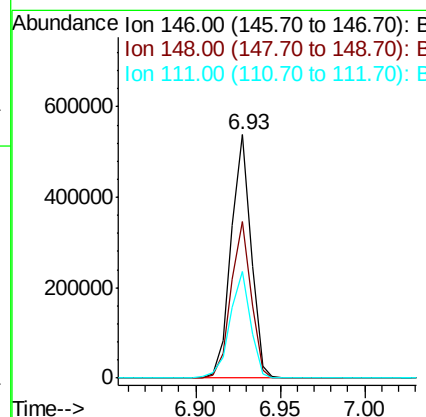
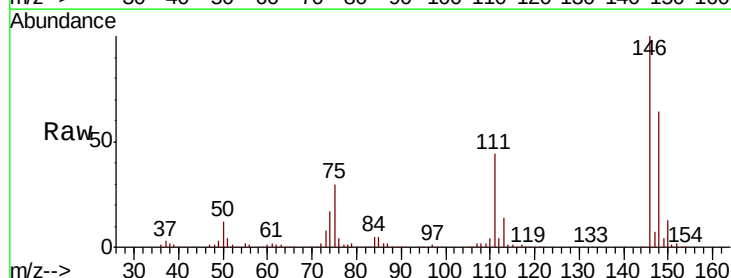
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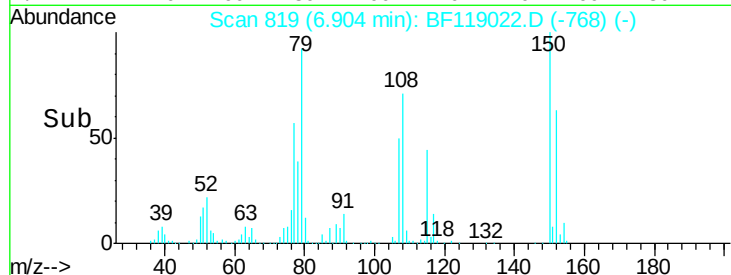
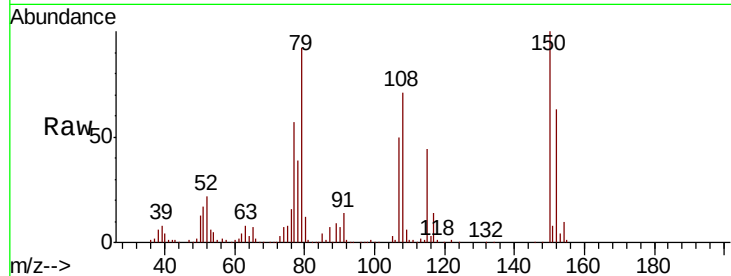
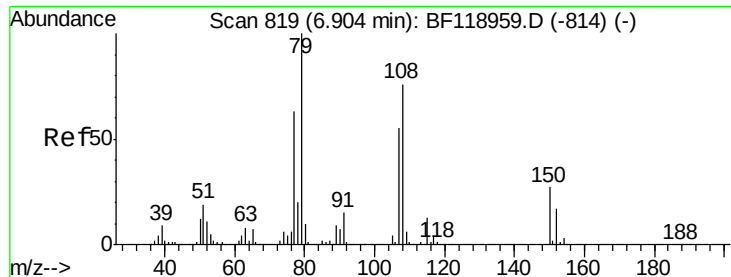
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#14
1,2-Dichlorobenzene
Concen: 38.404 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.1	78.1
111	43.7	35.5	53.3





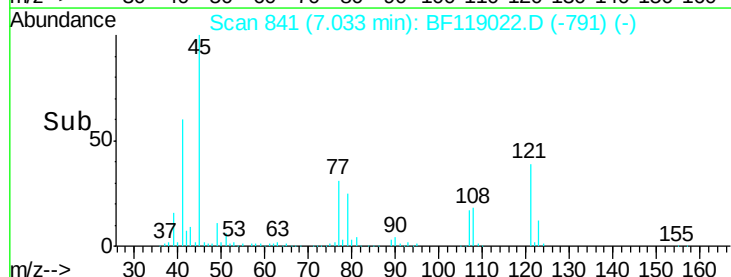
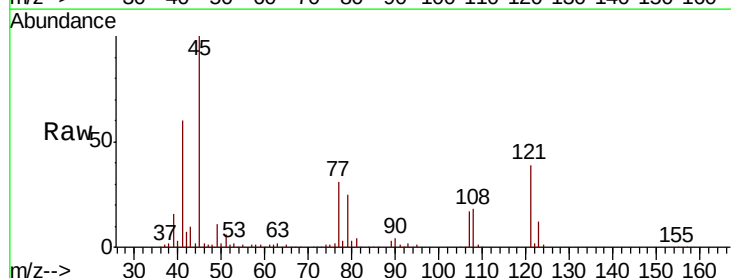
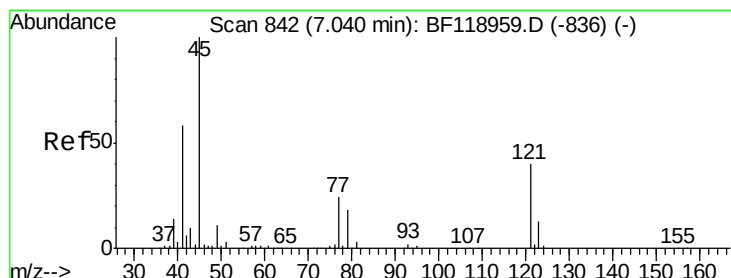
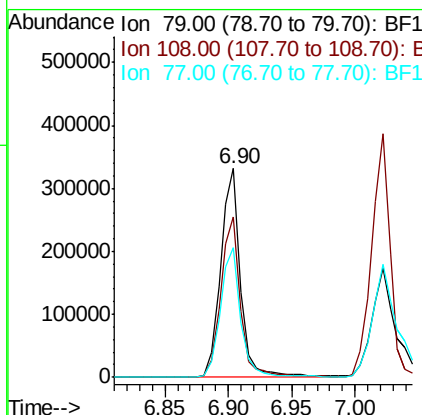
#15
Benzyl Alcohol
Concen: 42.286 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.7	61.1	91.7
77	62.2	50.2	75.2

Instrument :
BNA_F
ClientSampled :
PB127021BS

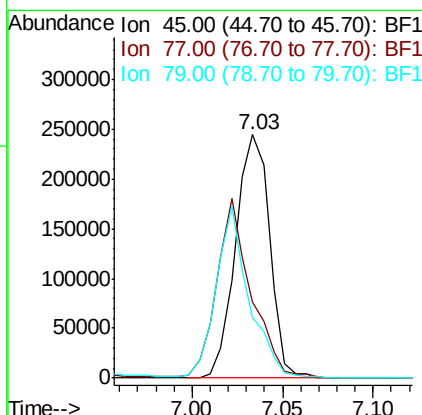
Manual Integrations
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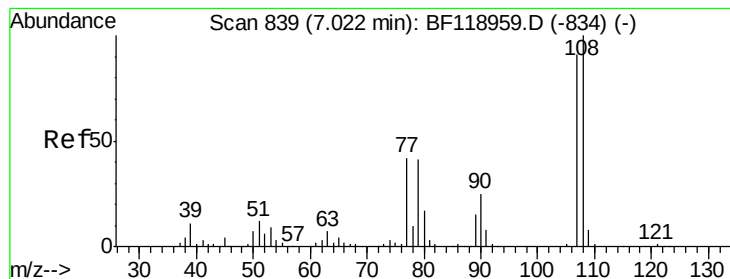
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.657 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
45	100		
77	31.3	6.1	46.1
79	25.1	0.5	40.5





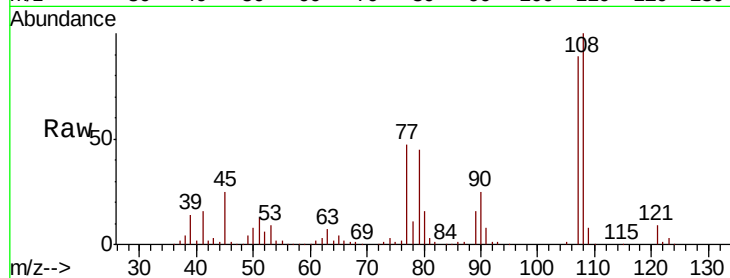
#17
2-Methylphenol
Concen: 41.304 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
PB127021BS

Tot Ion:	107	Resp:	352690
Ion Ratio	Lower	Upper	
107	100		
108	112.1	87.7	131.5
77	52.2	36.8	55.2
79	50.2	36.4	54.6

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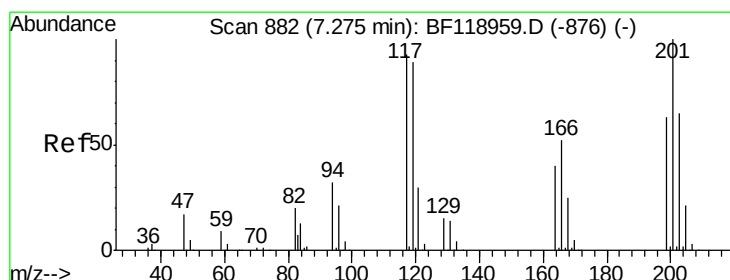
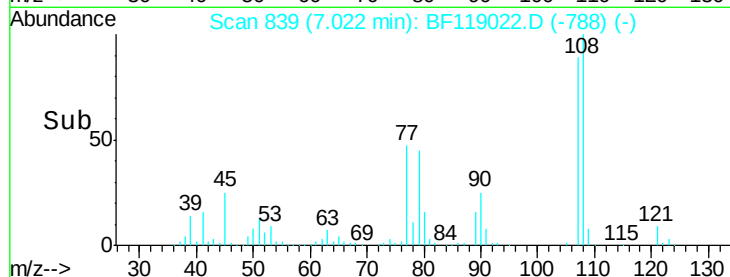
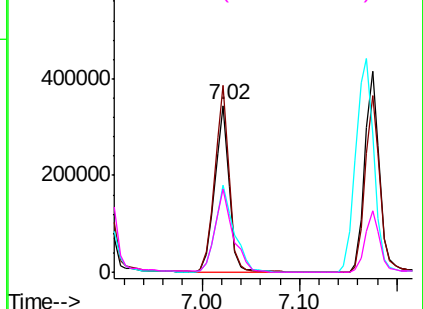
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

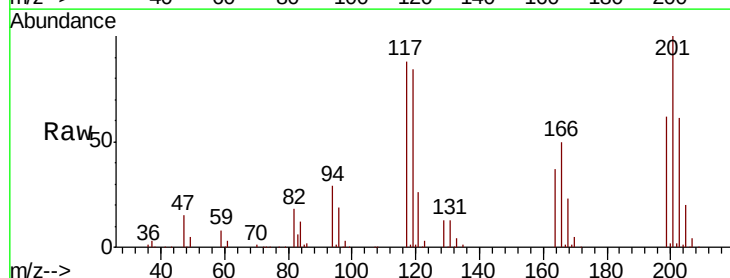
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 37.817 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion:	117	Resp:	170903
Ion Ratio	Lower	Upper	
117	100		
119	95.4	77.0	115.6
201	113.9	86.4	129.6

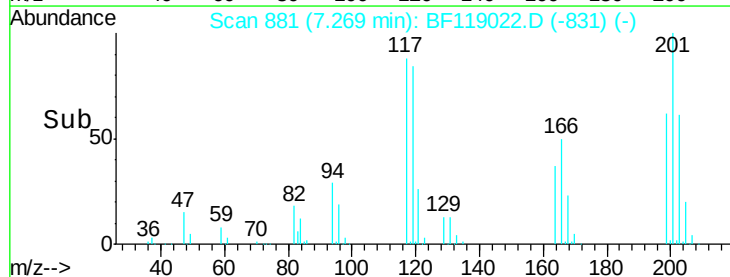
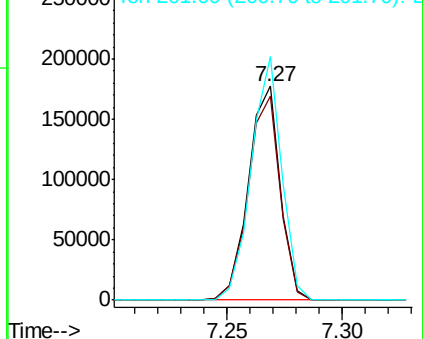


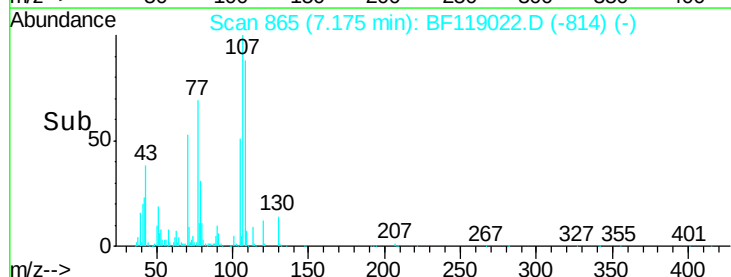
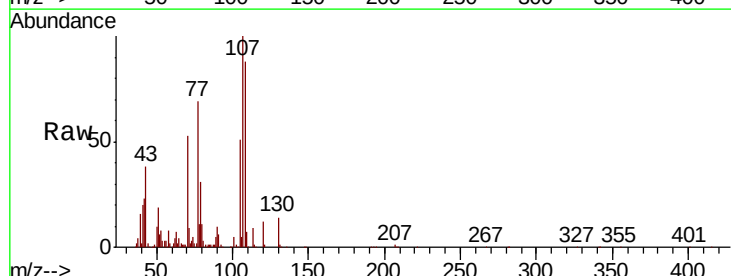
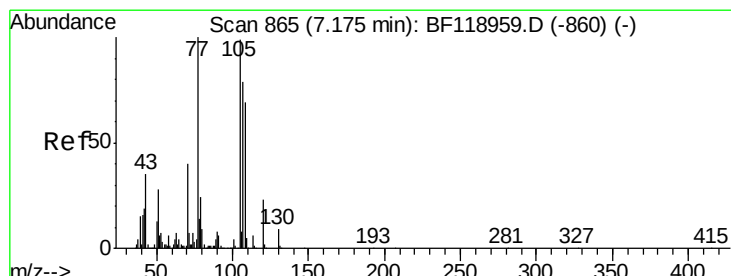
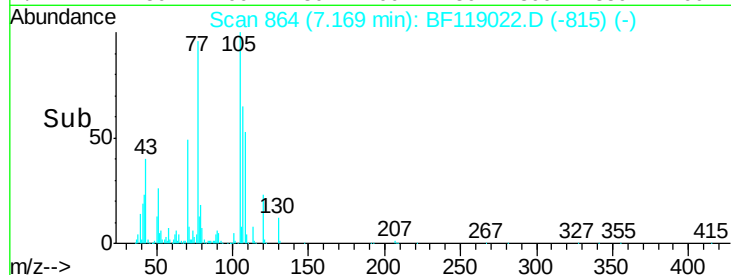
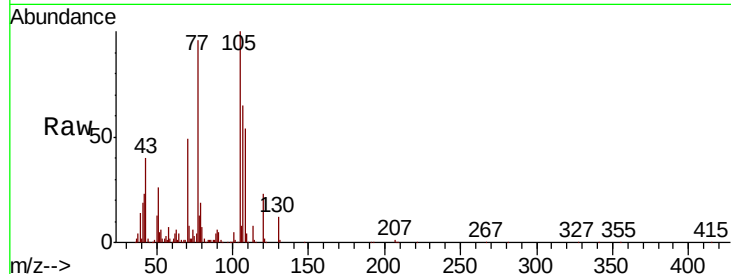
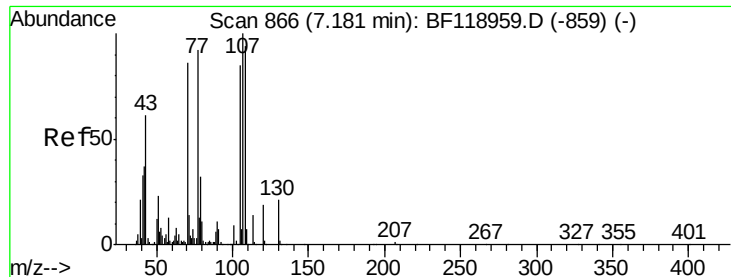
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

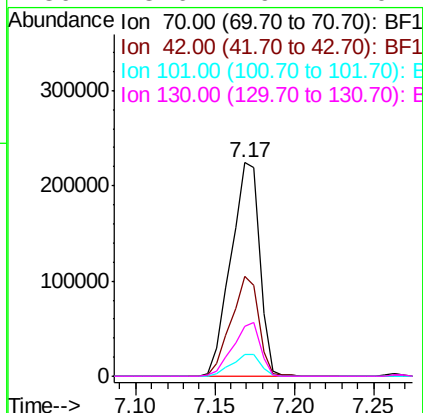
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 40.797 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.6	34.6	51.8
101	10.2	8.1	12.1
130	23.6	19.4	29.2



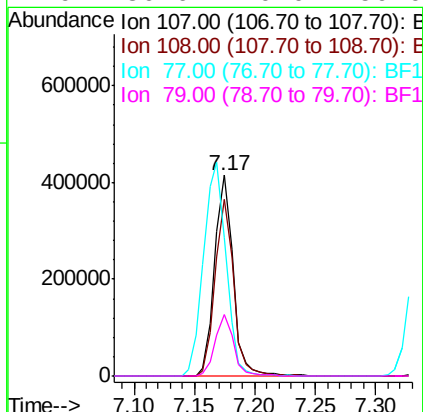
Instrument :
BNA_F
ClientSampleId :
PB127021BS

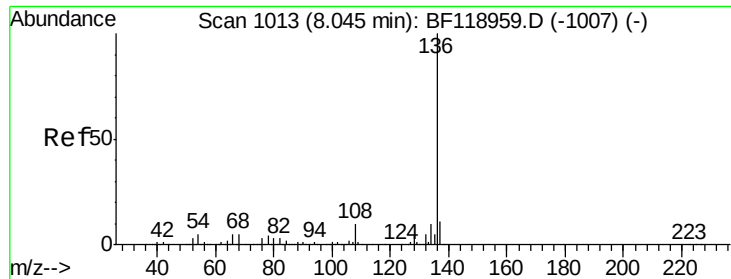
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#20
3+4-Methylphenols
Concen: 41.648 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	67.0	107.0
77	69.2	106.2	146.2#
79	30.6	10.0	50.0





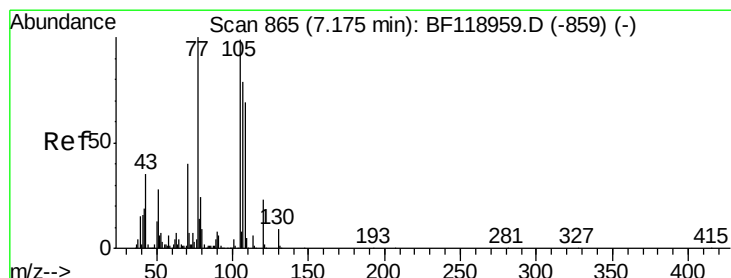
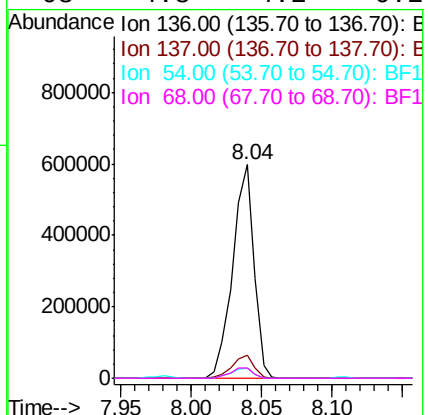
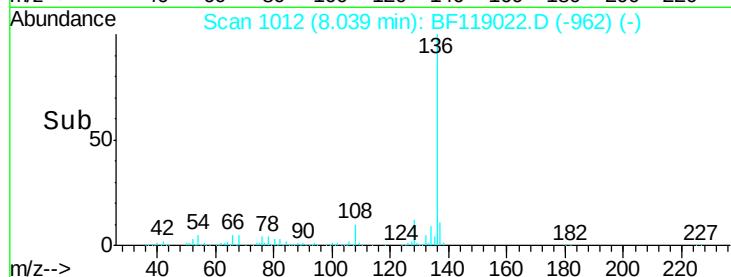
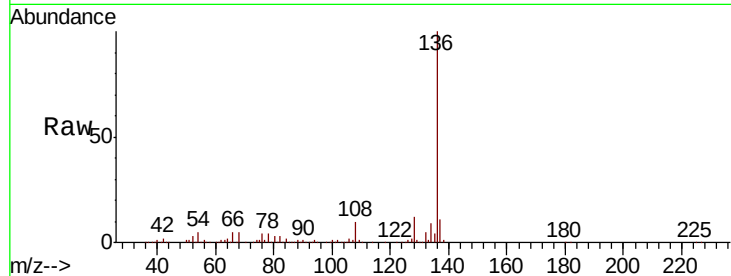
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
PB127021BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	627650		
137	11.1	8.9	13.3	
54	4.9	3.8	5.6	
68	4.8	4.2	6.2	

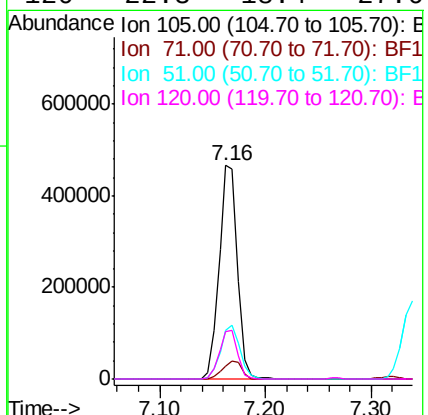
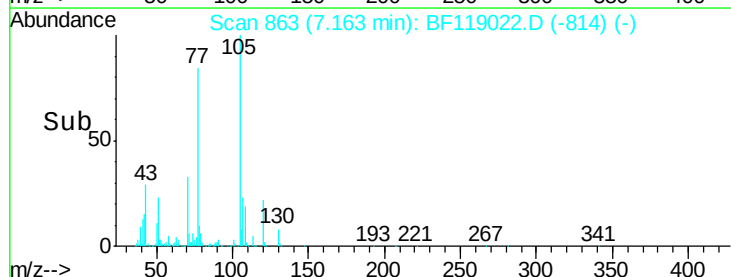
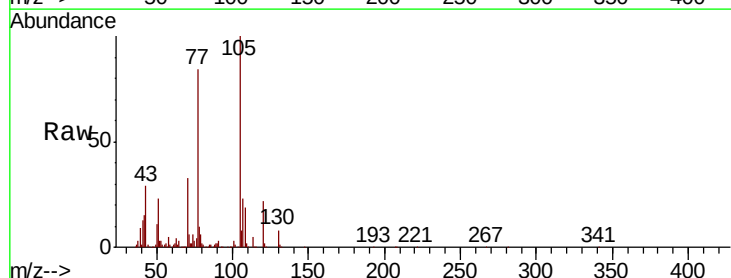
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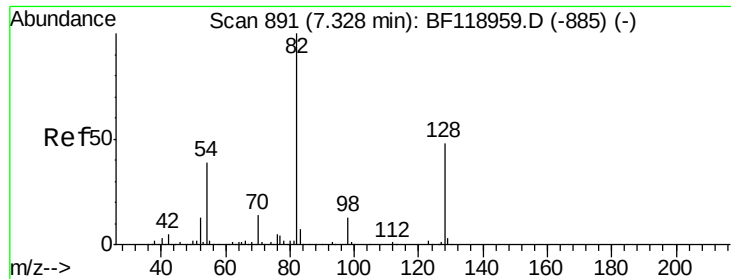
mohammad
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#22
Acetophenone
Concen: 38.950 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	565643		
71	5.7	5.4	8.0	
51	23.0	22.5	33.7	
120	22.3	18.4	27.6	





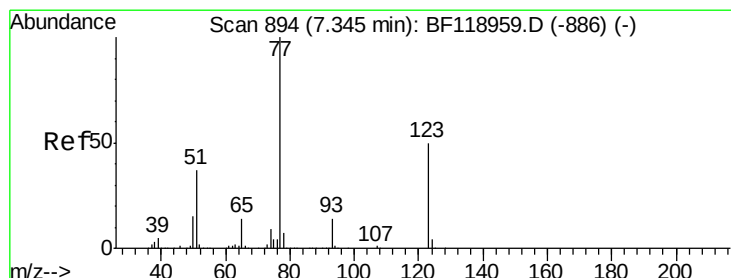
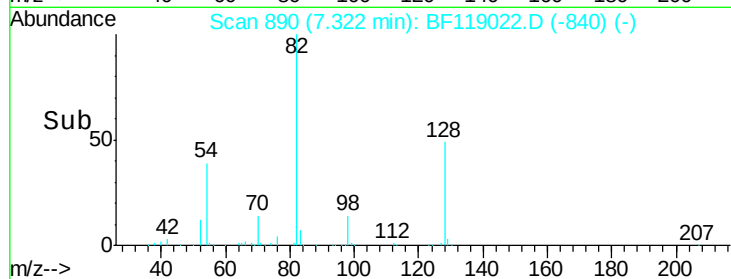
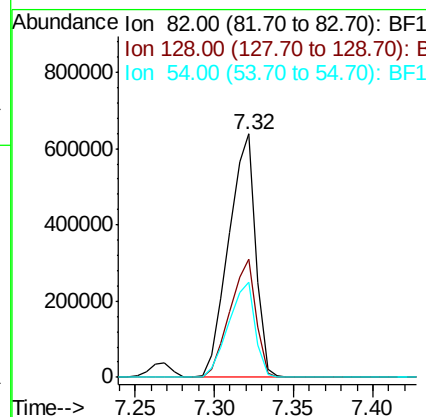
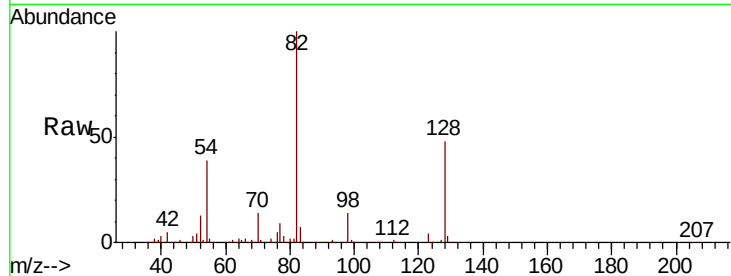
#23
Nitrobenzene-d5
Concen: 63.389 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
PB127021BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.4	38.2	57.2
54	39.3	31.3	46.9

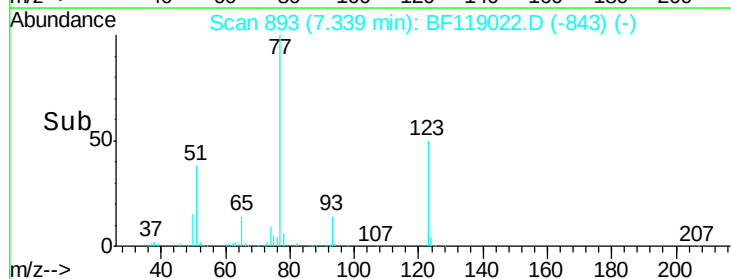
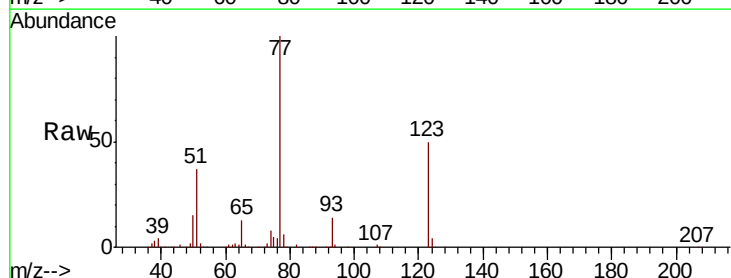
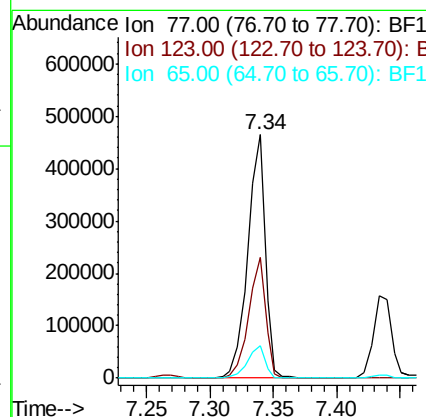
Manual Integrations
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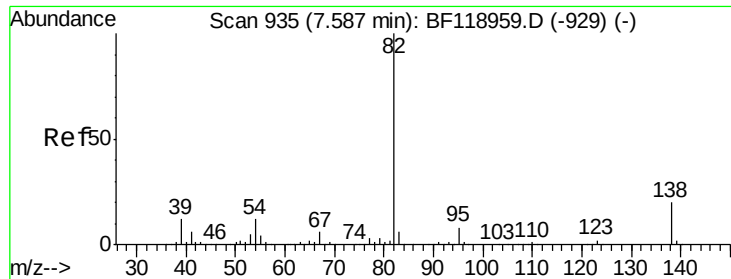
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#24
Nitrobenzene
Concen: 37.548 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.7	40.1	60.1
65	13.1	10.9	16.3





#25

Isophorone

Concen: 39.401 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

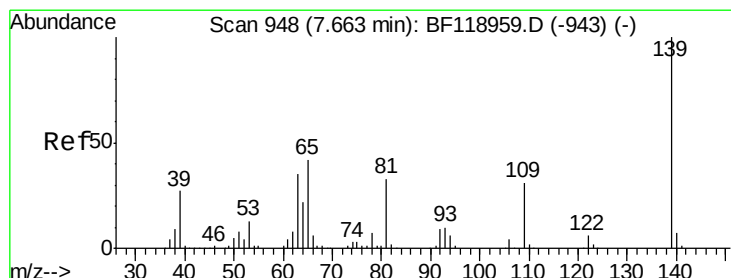
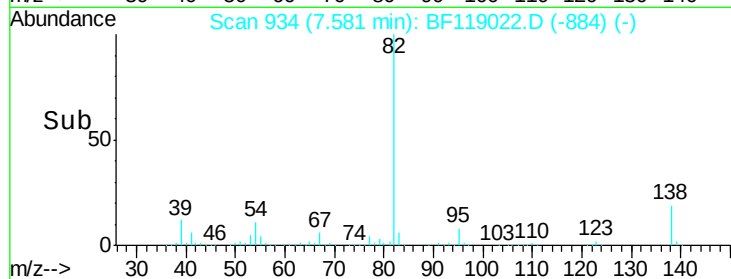
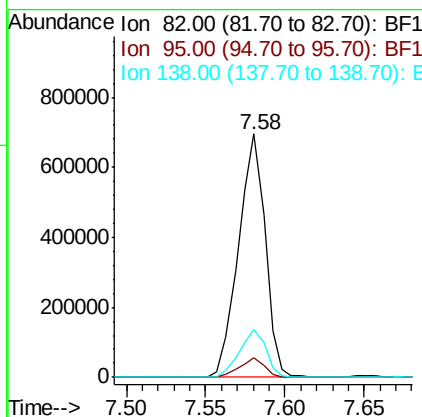
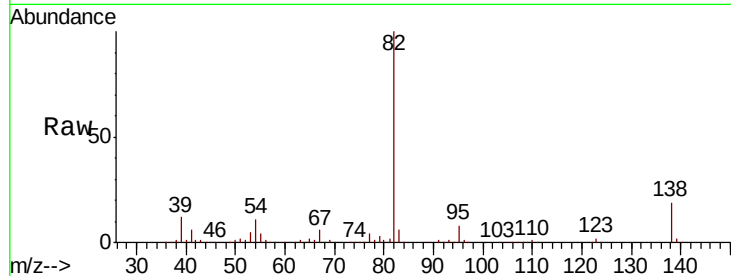
ClientSampleId :

PB127021BS

Tot Ion:	82	Resp:	813431
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.1	9.1
138	19.5	15.8	23.6

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#26

2-Nitrophenol

Concen: 39.408 ng

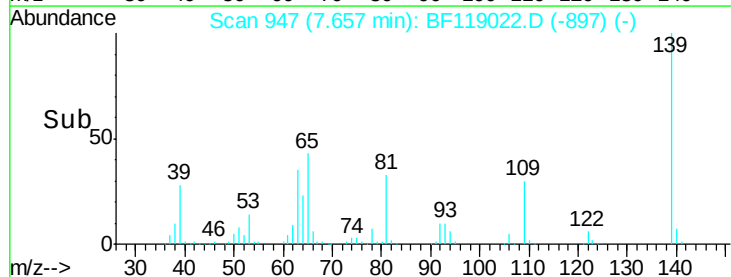
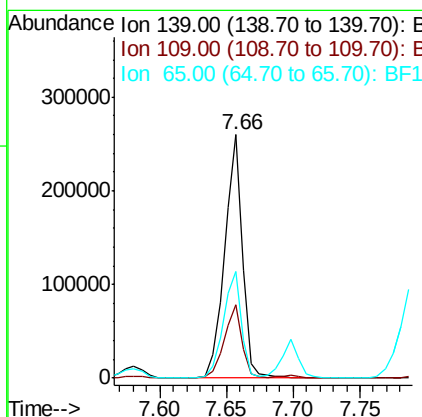
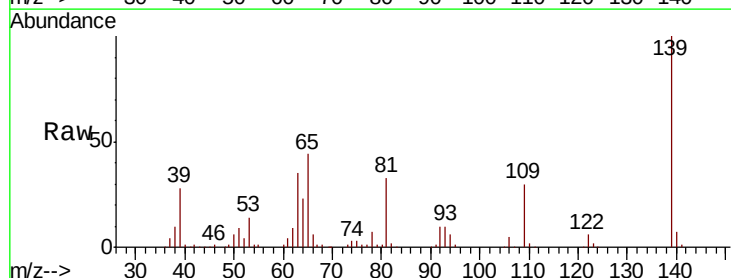
RT: 7.66 min Scan# 947

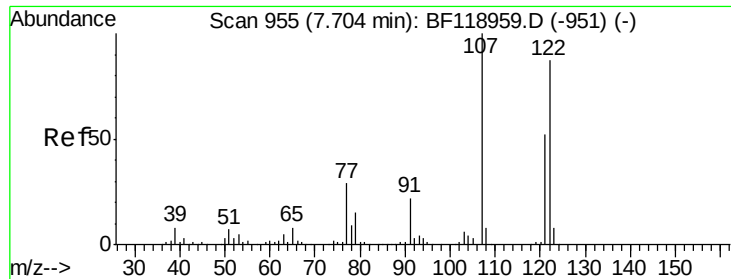
Delta R.T. -0.01 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Tgt Ion:	139	Resp:	245457
Ion Ratio	Lower	Upper	
139	100		
109	30.1	24.6	36.8
65	43.6	33.6	50.4





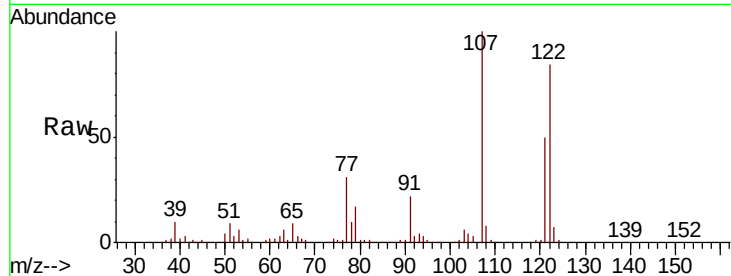
#27
2,4-Dimethylphenol
Concen: 44.089 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
PB127021BS

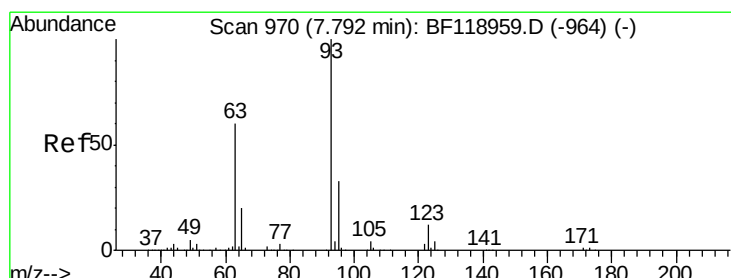
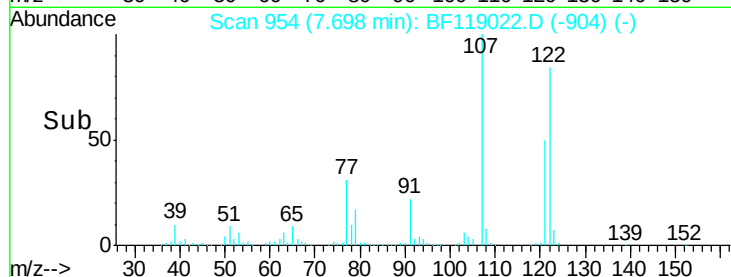
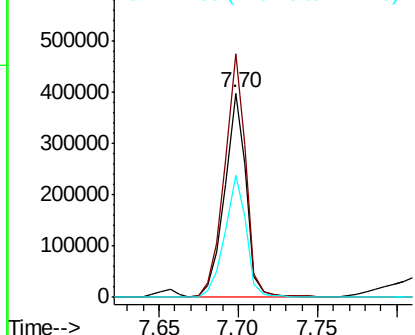
Tot Ion	Ratio	Lower	Upper
122	100		
107	119.4	91.8	137.8
121	60.0	47.4	71.0

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2/25/2020 4:19:16 PM

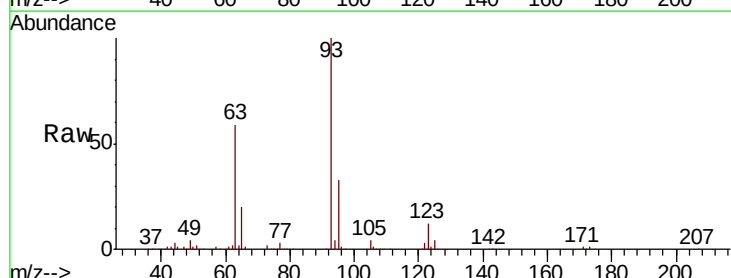


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

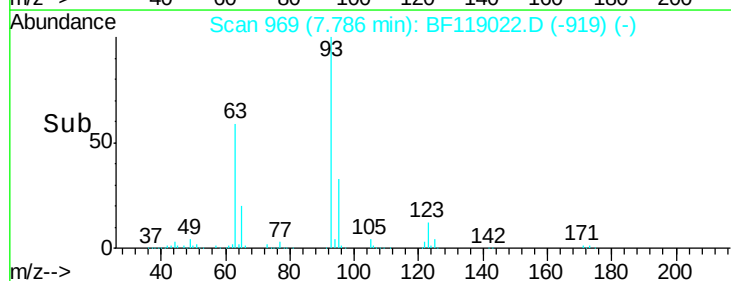
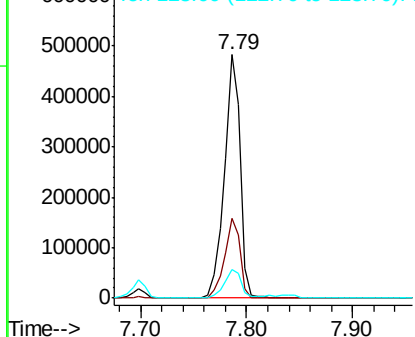


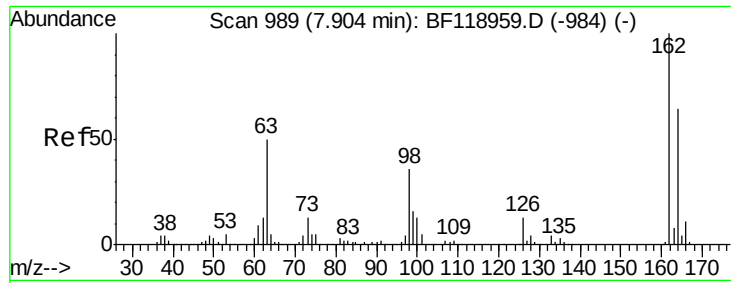
#28
bis(2-Chloroethoxy)methane
Concen: 37.107 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.3	39.5
123	12.0	9.8	14.8



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





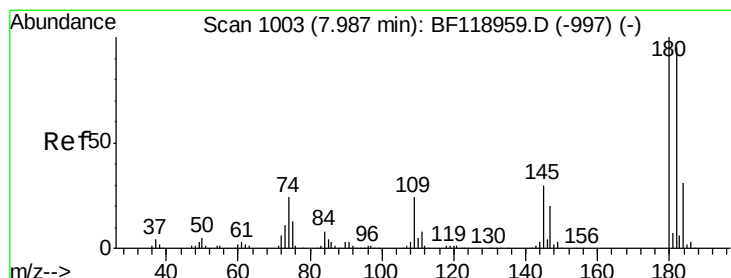
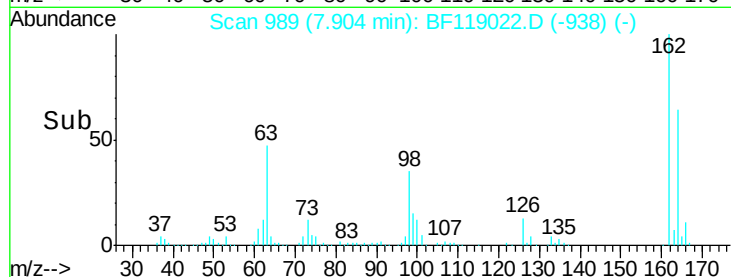
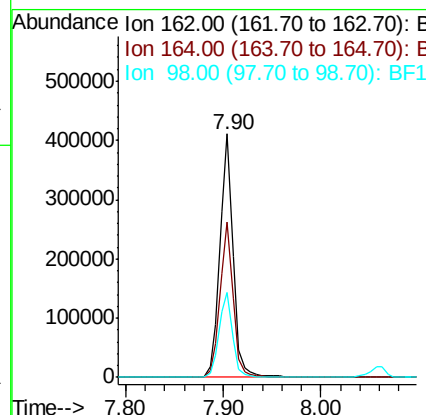
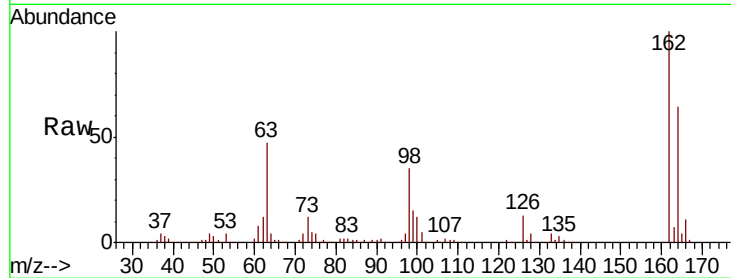
#29
 2,4-Dichlorophenol
 Concen: 38.927 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF119022.D
 Acq: 24 Feb 2020 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB127021BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	387379		
164	63.7	44.1	84.1	
98	35.0	16.4	56.4	

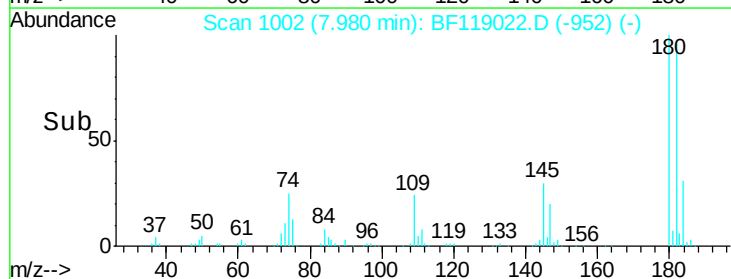
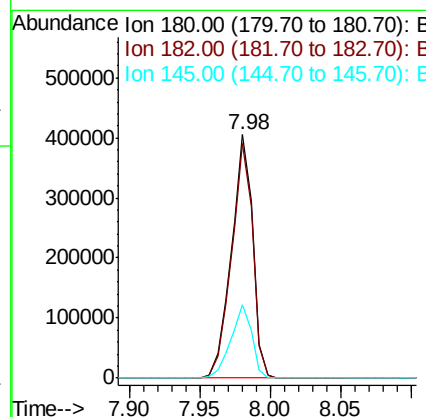
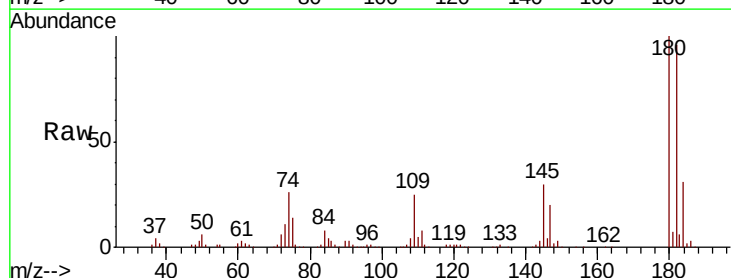
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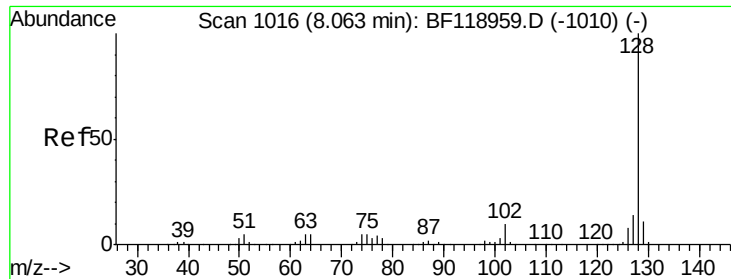
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.861 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF119022.D
 Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	423120		
182	96.4	75.8	113.8	
145	30.4	24.2	36.2	





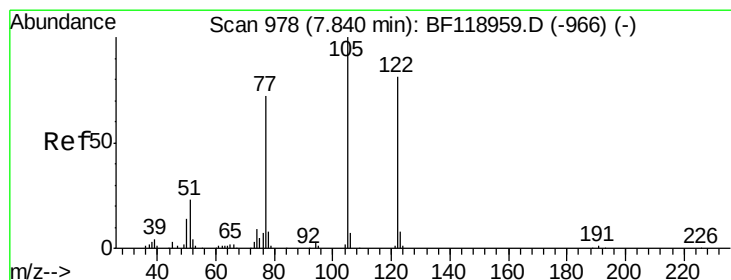
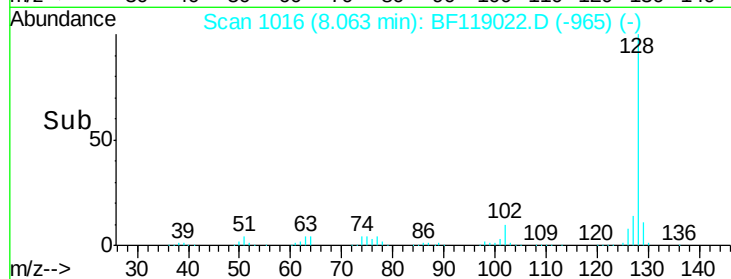
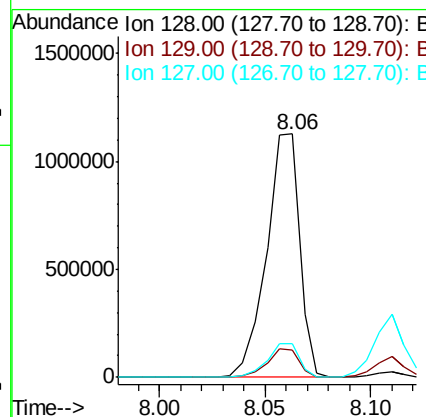
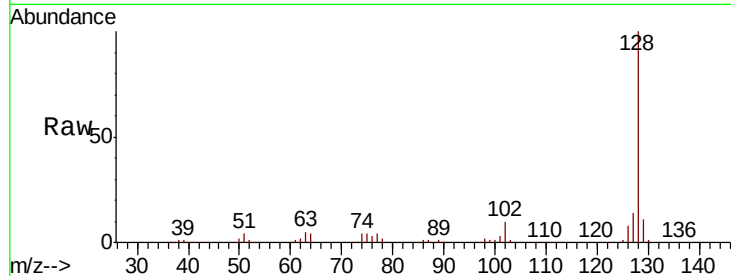
#31
Naphthalene
Concen: 38.091 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
PB127021BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.7	10.9	16.3

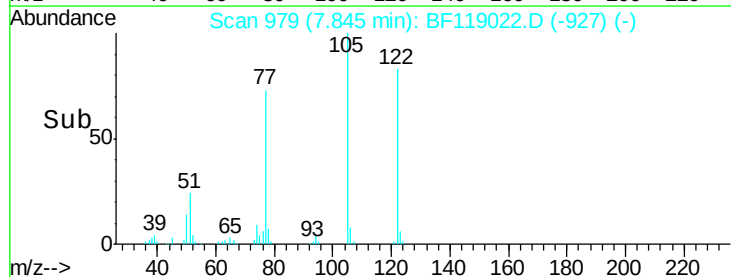
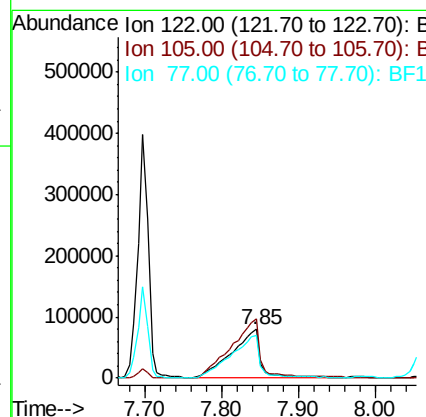
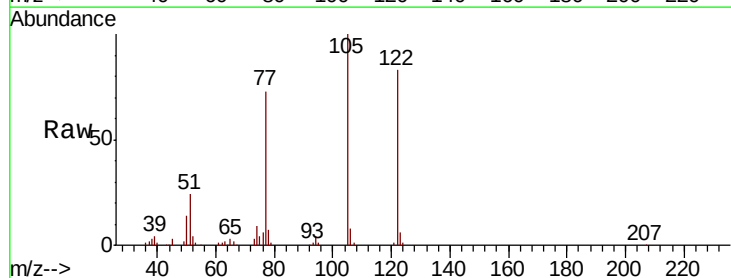
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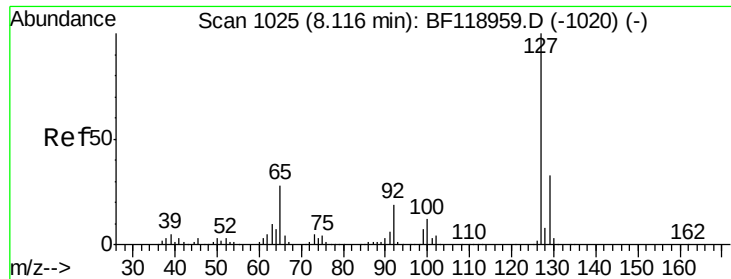
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#32
Benzoic acid
Concen: 35.334 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.8	102.2	142.2
77	88.6	68.6	108.6





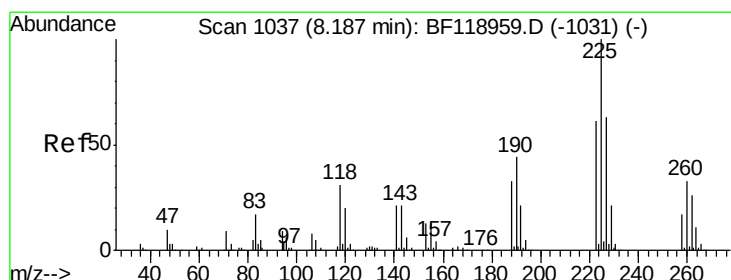
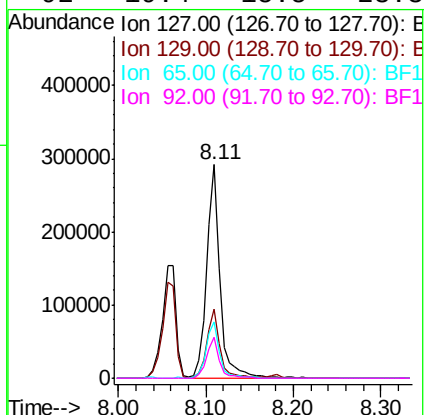
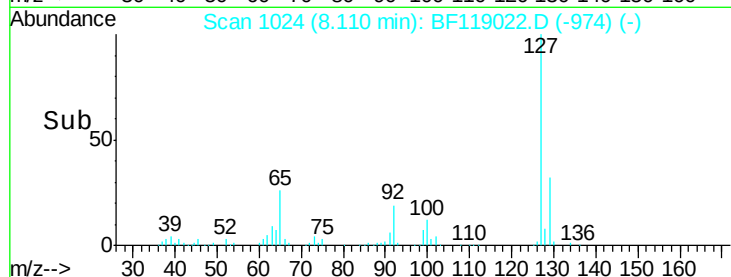
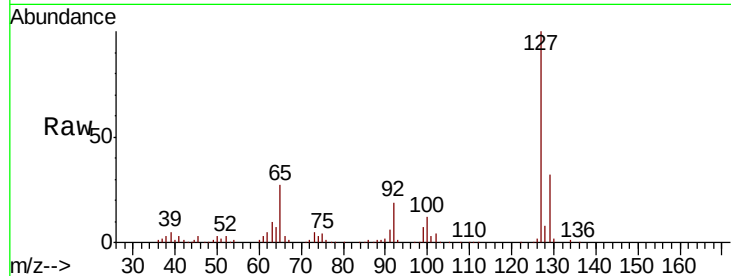
#33
4-Chloroaniline
Concen: 22.208 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
PB127021BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.2	39.2		
65	26.5	22.0	33.0		
92	19.4	15.5	23.3		

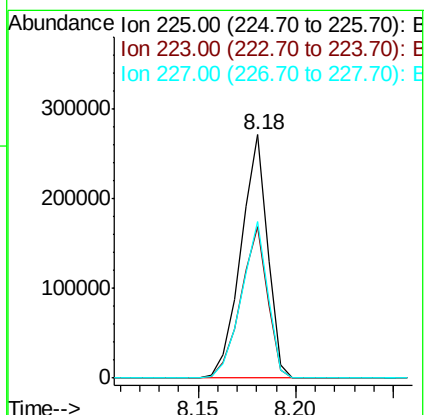
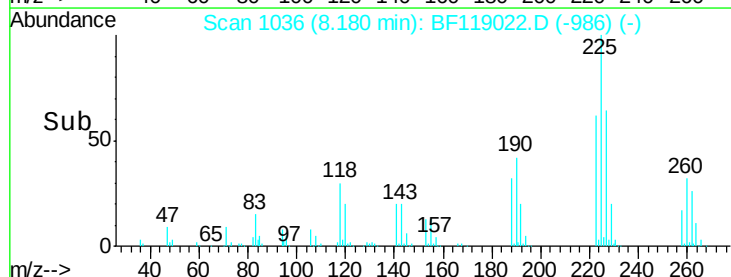
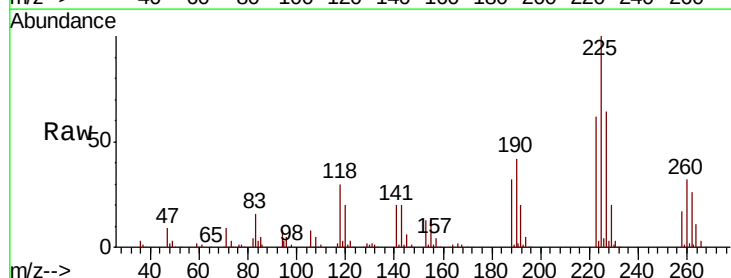
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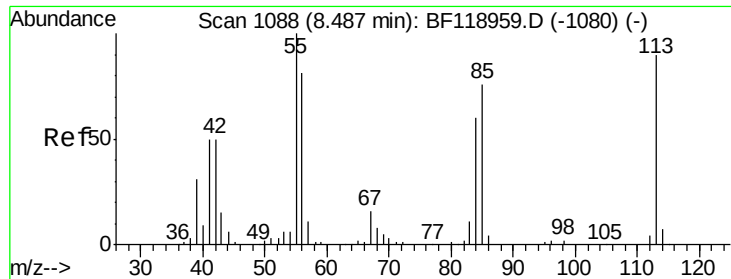
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#34
Hexachlorobutadiene
Concen: 34.857 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	48.9	73.3		
227	64.2	50.4	75.6		





#35

Caprolactam

Concen: 36.415 ng/mL

RT: 8.49 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

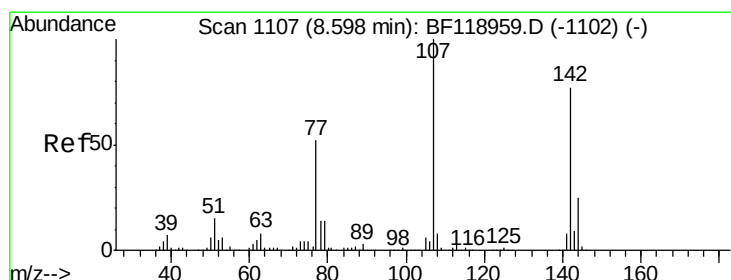
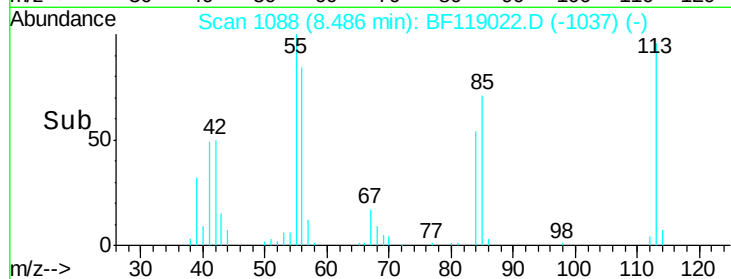
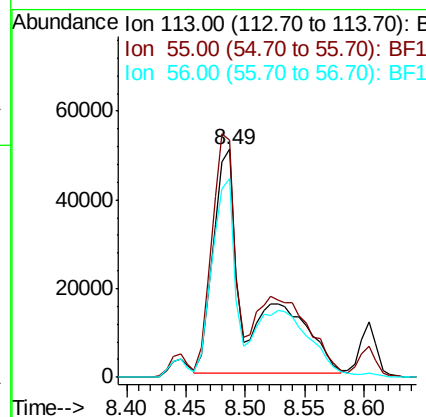
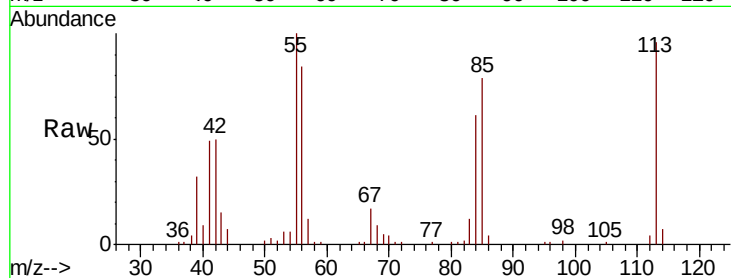
ClientSampleId :

PB127021BS

Tot Ion:	113	Resp:	111584
Ion Ratio	Lower	Upper	
113	100		
55	103.9	90.8	130.8
56	87.0	70.0	110.0

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#36

4-Chloro-3-methylphenol

Concen: 40.411 ng/mL

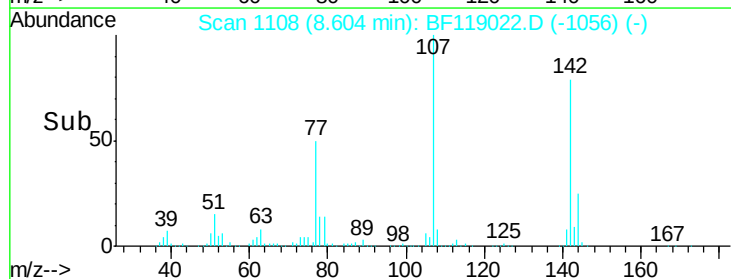
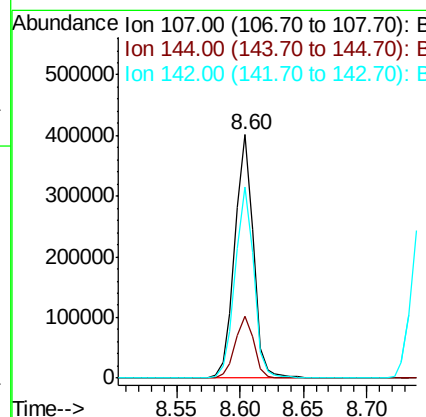
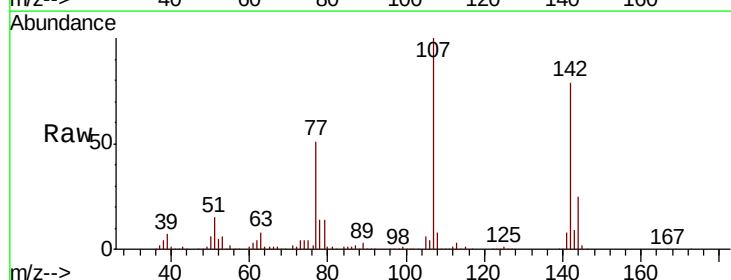
RT: 8.60 min Scan# 1108

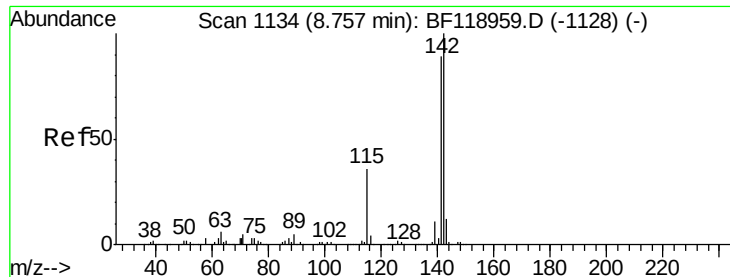
Delta R.T. 0.01 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Tgt Ion:	107	Resp:	406997
Ion Ratio	Lower	Upper	
107	100		
144	25.2	19.8	29.8
142	78.6	61.3	91.9





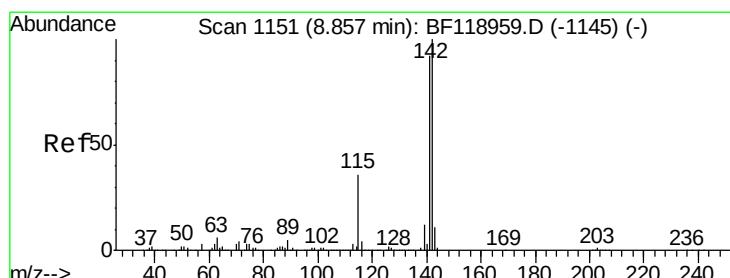
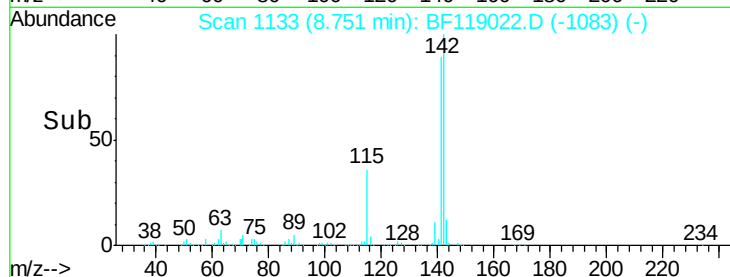
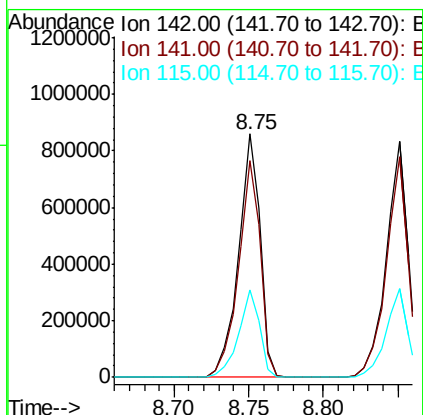
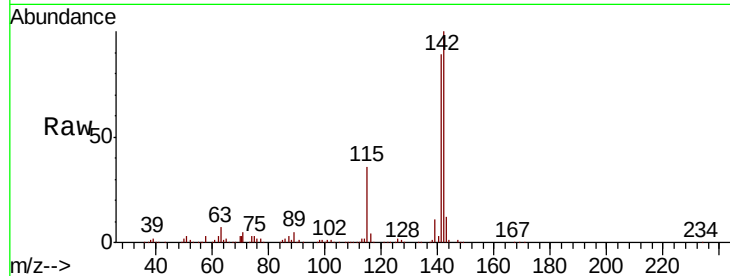
#37
2-Methylnaphthalene
Concen: 39.776 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
PB127021BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.4
115	35.8	28.6	42.8

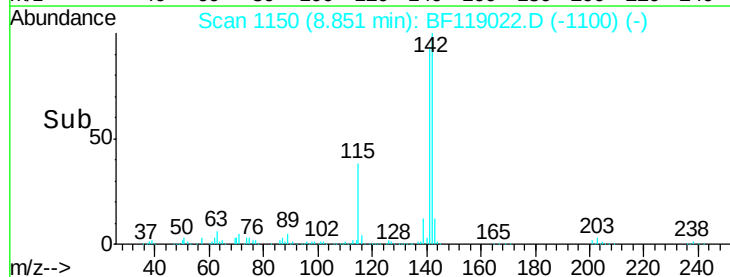
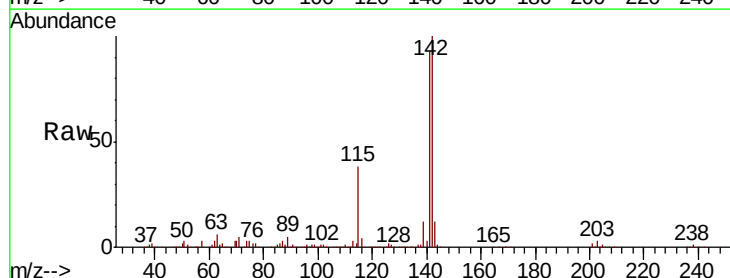
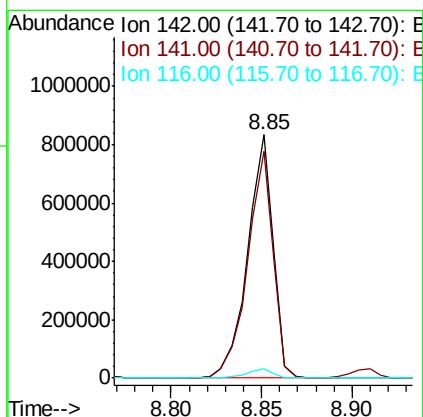
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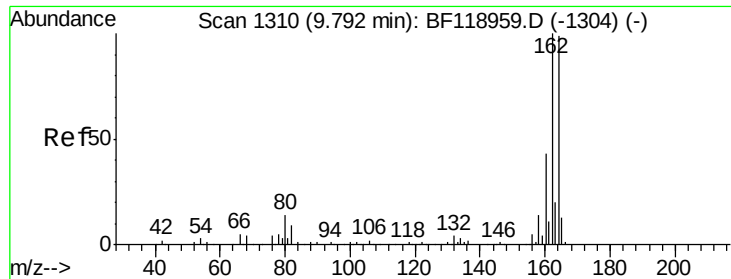
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#38
1-Methylnaphthalene
Concen: 39.320 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.7	110.5
116	3.8	3.0	4.6





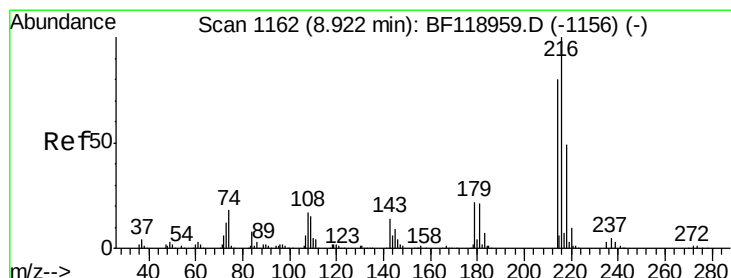
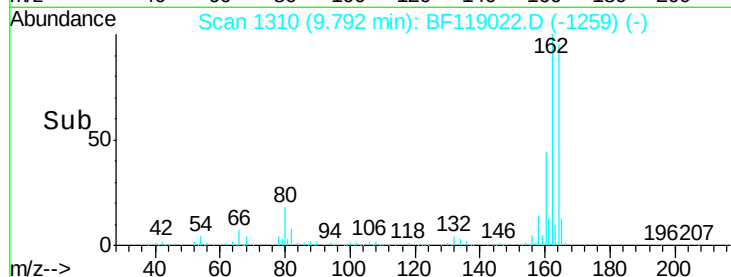
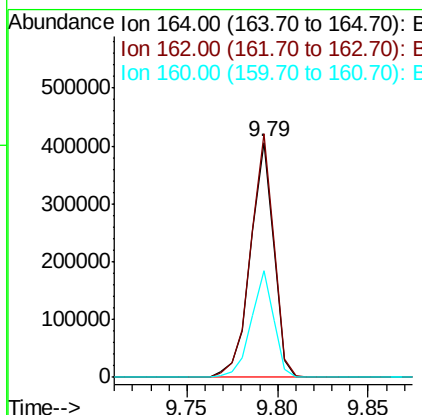
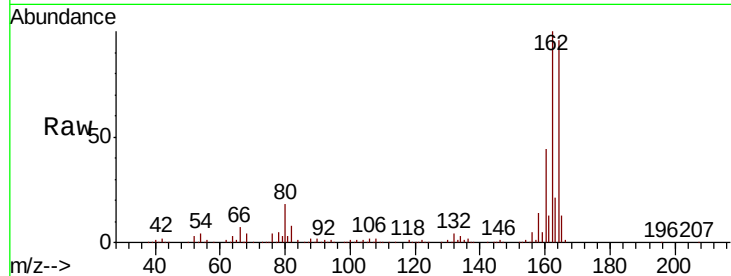
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampled :
PB127021BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.6	81.2	121.8	
160	45.4	35.2	52.8	

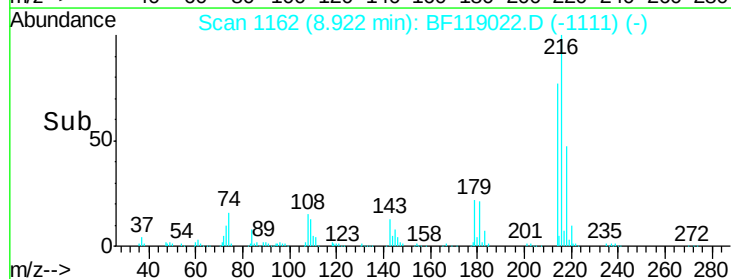
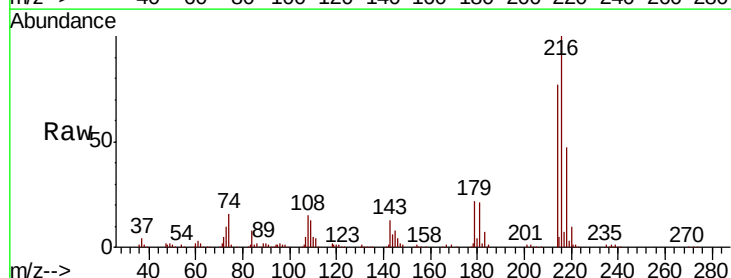
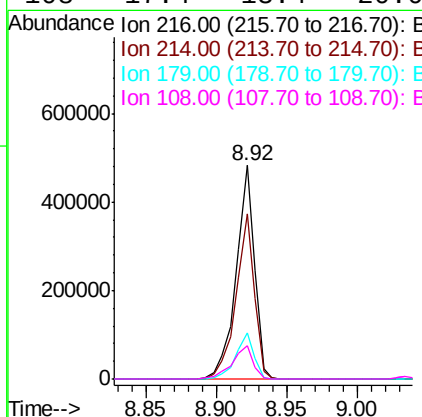
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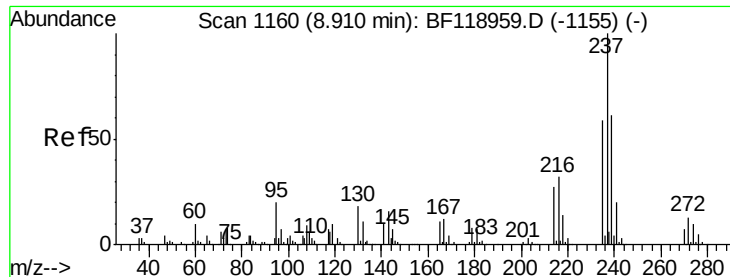
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.733 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.5	63.1	94.7	
179	21.3	17.2	25.8	
108	17.4	13.4	20.0	





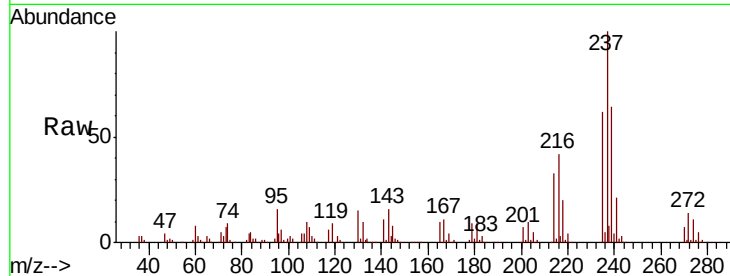
#41
Hexachlorocyclopentadiene
Concen: 60.646 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
PB127021BS

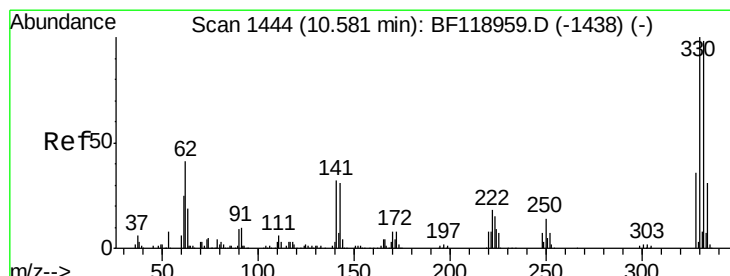
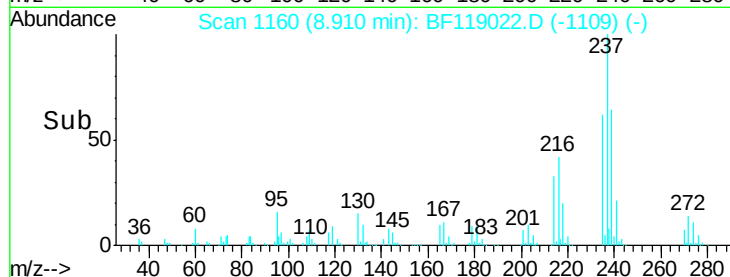
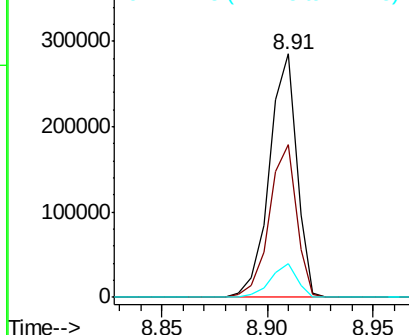
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.5	39.4	79.4
272	13.7	0.0	32.6

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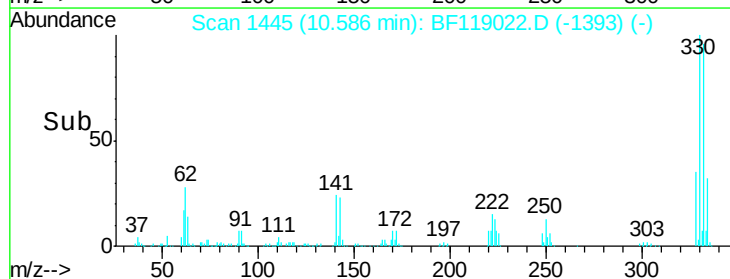
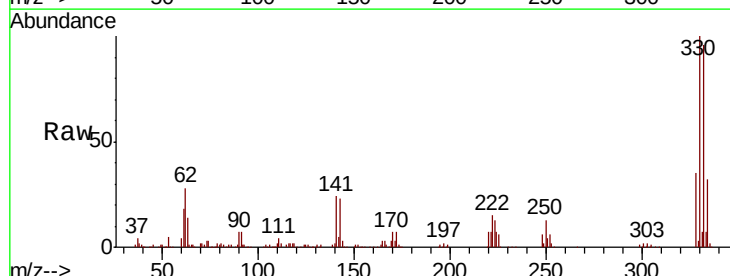
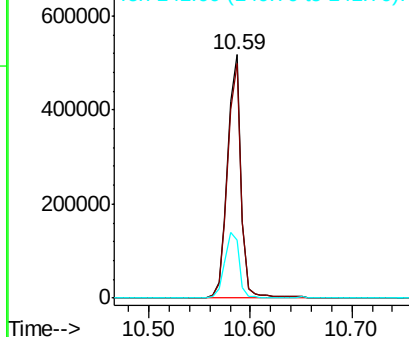
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

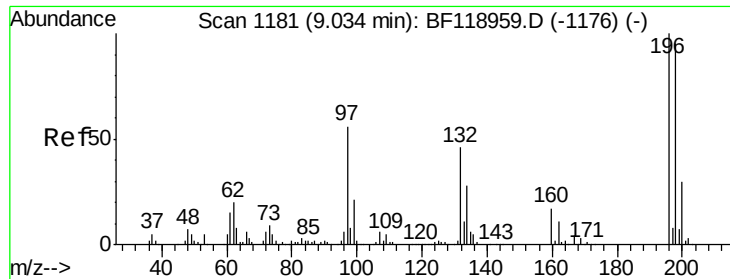


#42
2,4,6-Tribromophenol
Concen: 102.252 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.2	77.1	115.7
141	28.8	23.0	34.6

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





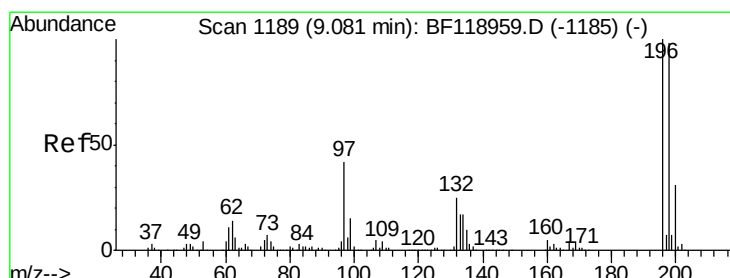
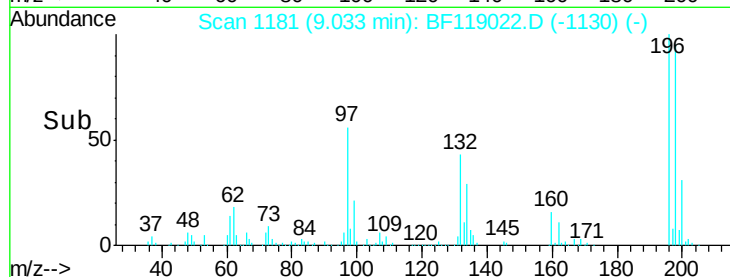
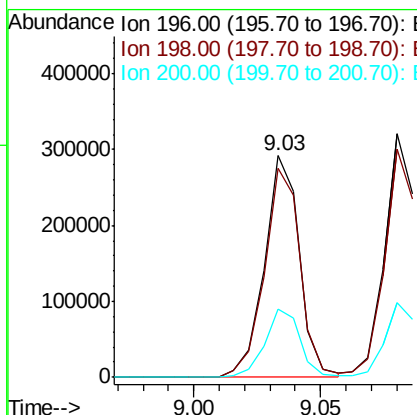
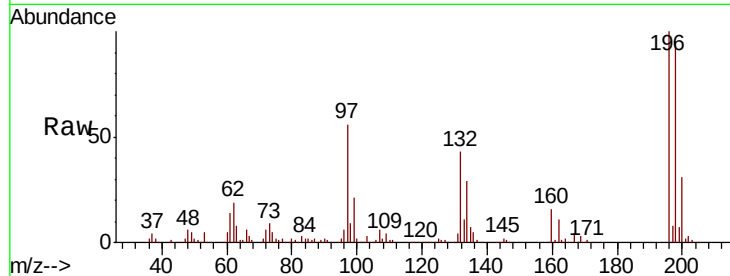
#43
 2,4,6-Trichlorophenol
 Concen: 36.664 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF119022.D
 Acq: 24 Feb 2020 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB127021BS

Tot Ion:	196	Resp:	283187
Ion Ratio	Lower	Upper	
196	100		
198	94.5	75.8	113.6
200	30.9	24.1	36.1

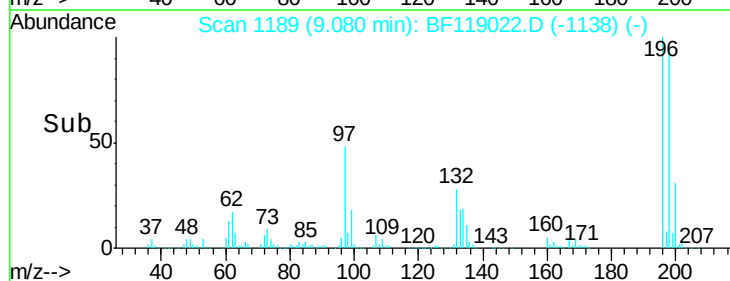
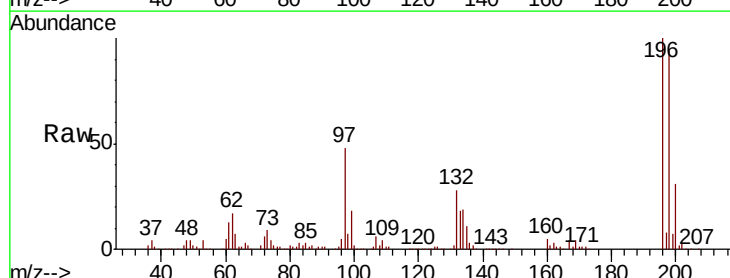
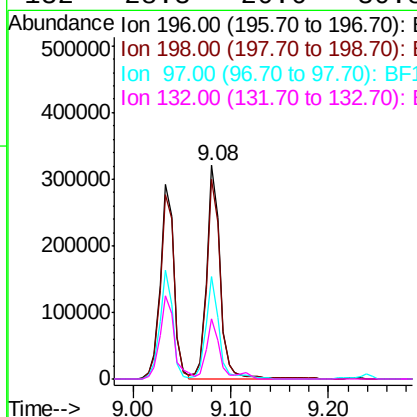
Manual Integrations
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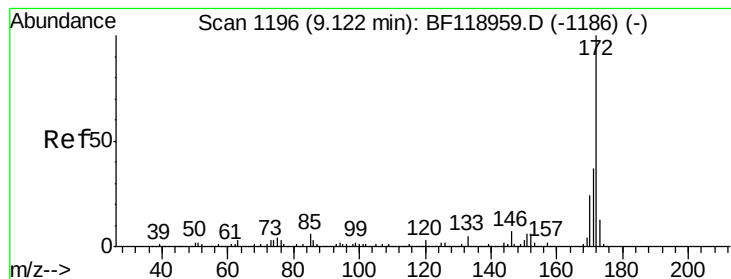
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 37.560 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF119022.D
 Acq: 24 Feb 2020 14:40

Tgt Ion:	196	Resp:	304421
Ion Ratio	Lower	Upper	
196	100		
198	93.7	78.4	117.6
97	47.7	33.4	50.0
132	28.3	20.6	30.8





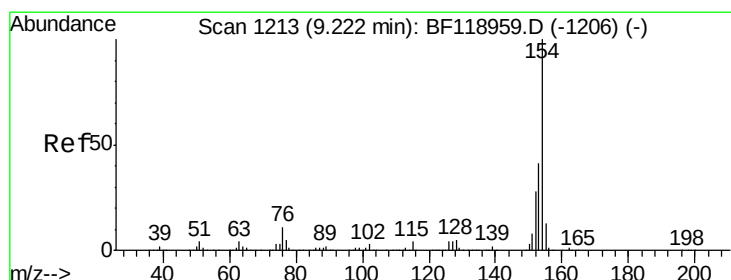
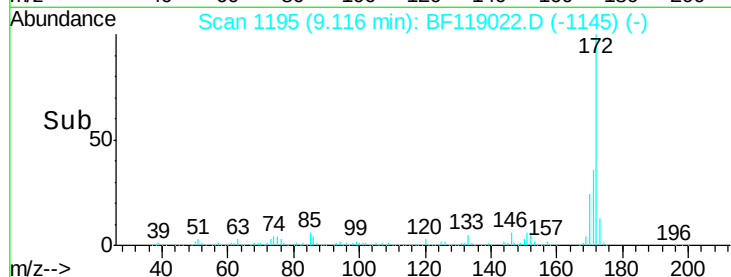
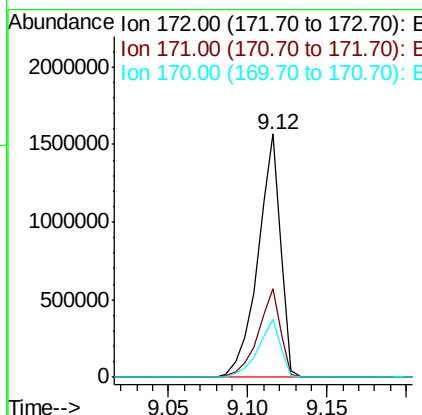
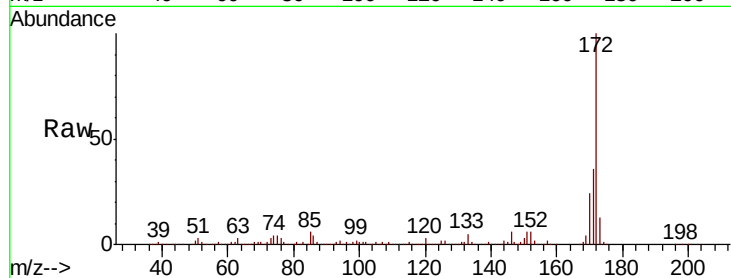
#45
2-Fluorobiphenyl
Concen: 63.589 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
PB127021BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.2
170	24.1	19.6	29.4

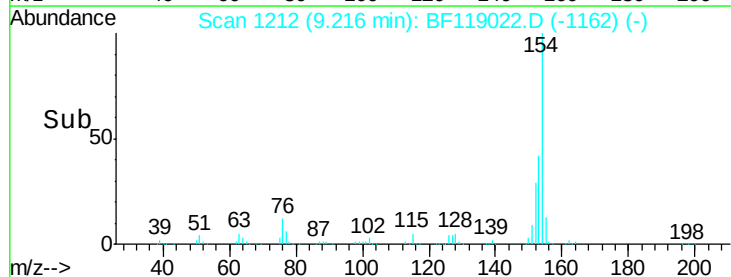
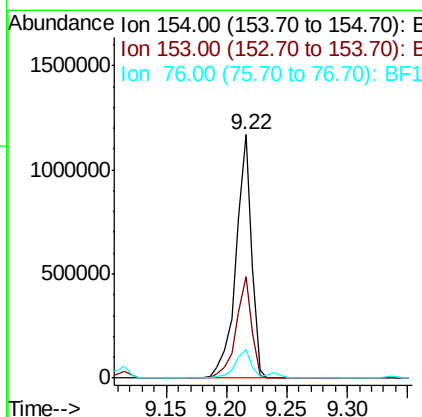
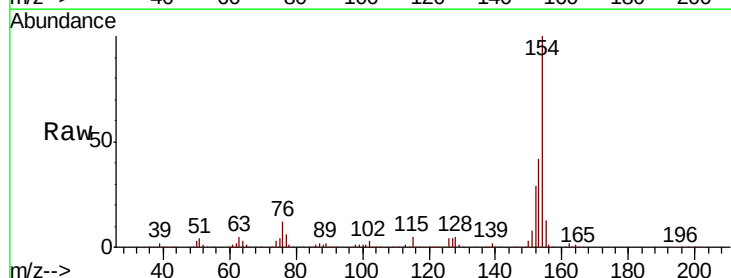
Manual Integrations
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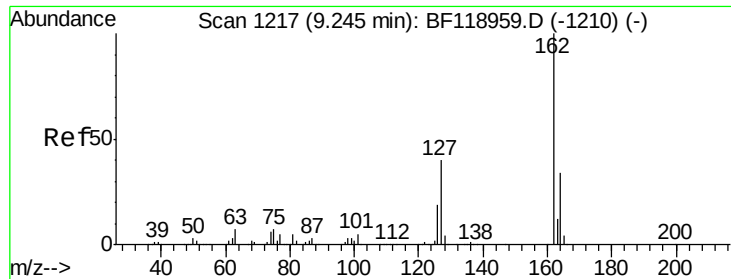
mohammad
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#46
1,1'-Biphenyl
Concen: 35.900 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.2	61.2
76	11.9	0.0	31.1





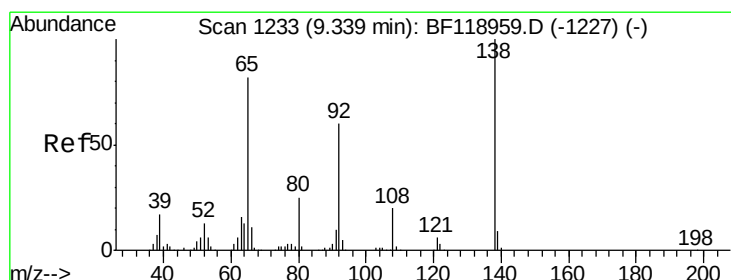
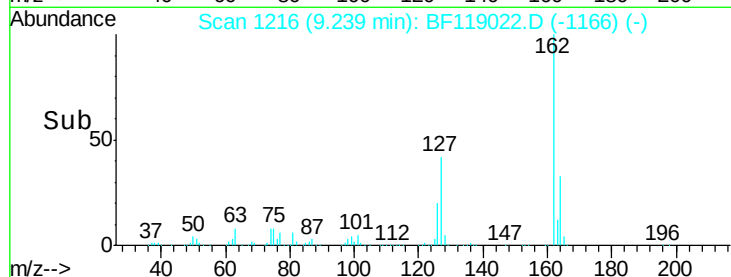
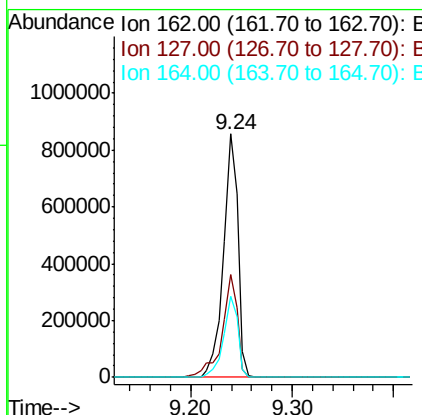
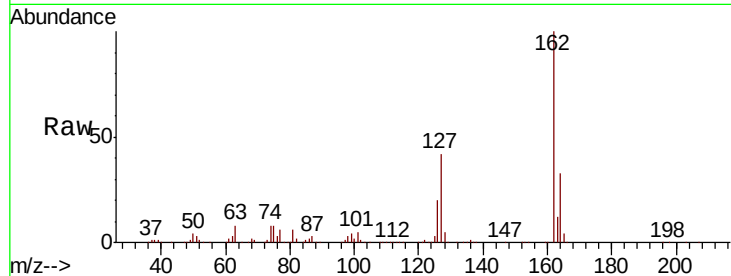
#47
2-Chloronaphthalene
Concen: 35.849 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampled :
PB127021BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	31.9	47.9
164	33.2	26.8	40.2

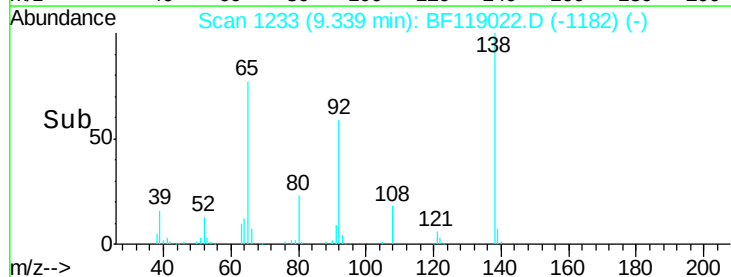
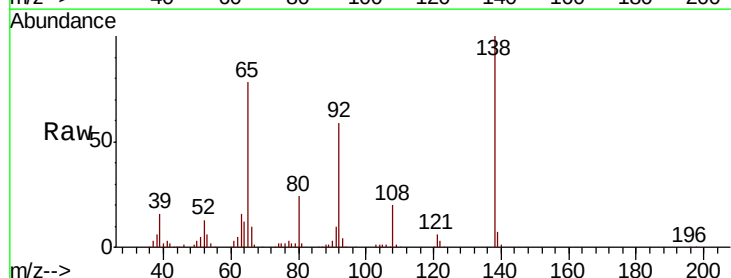
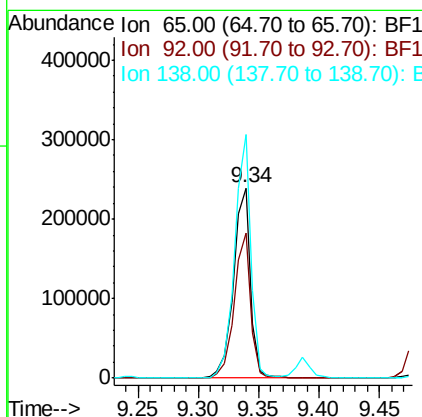
Manual Integrations
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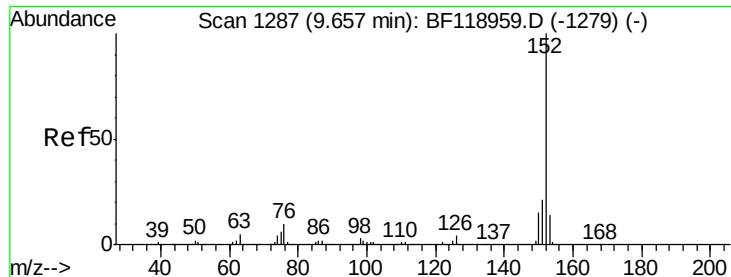
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#48
2-Nitroaniline
Concen: 35.696 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.0	58.6	87.8
138	128.0	97.5	146.3





#49

Acenaphthylene

Concen: 38.250 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

PB127021BS

Tot Ion:152 Resp: 1305236

Ion Ratio Lower Upper

152 100

151 21.0 16.7 25.1

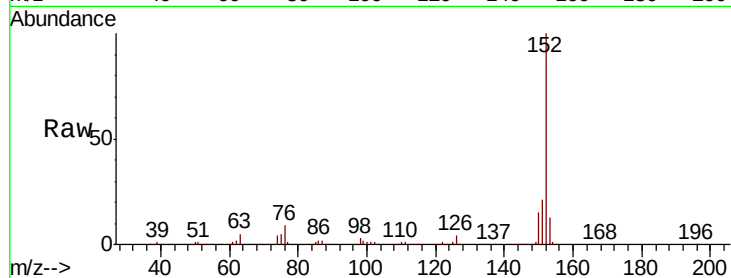
153 13.2 10.9 16.3

Manual Integrations

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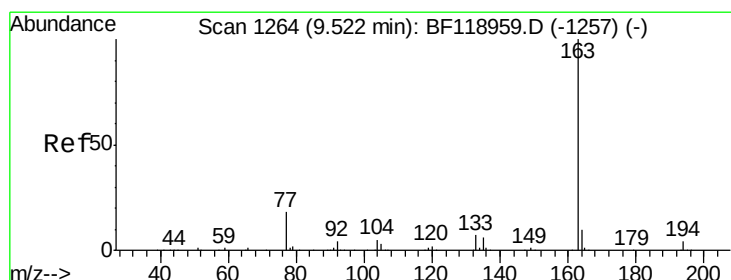
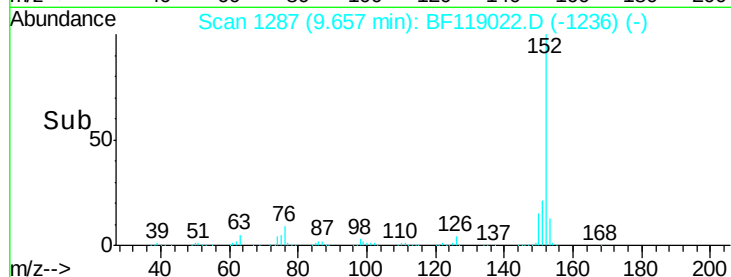
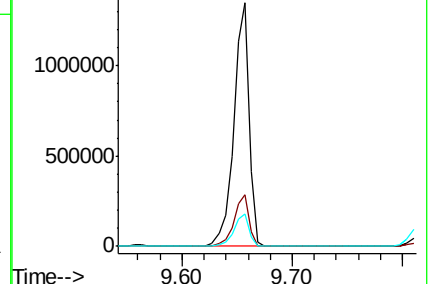
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.284 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

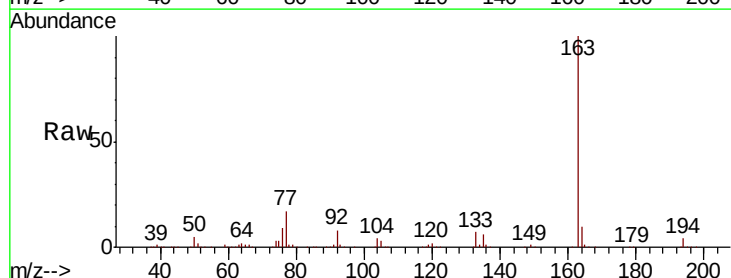
Tgt Ion:163 Resp: 1034262

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

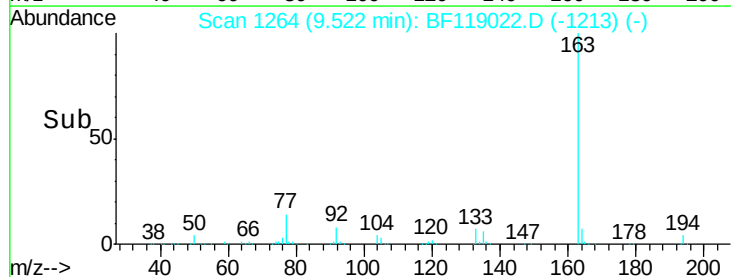
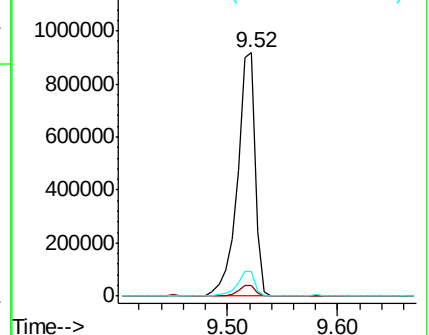
164 10.0 8.2 12.2

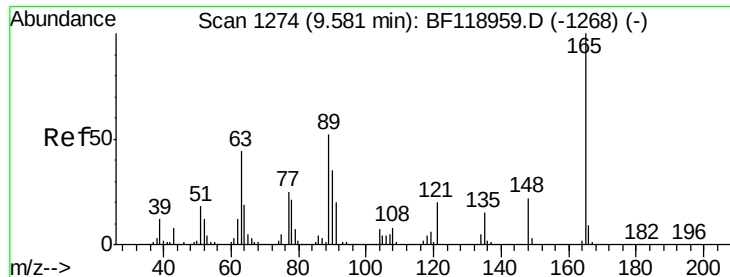


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.122 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

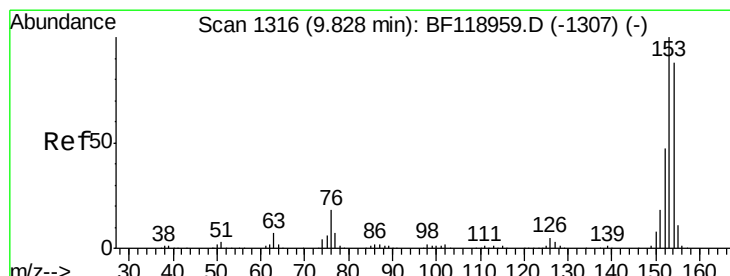
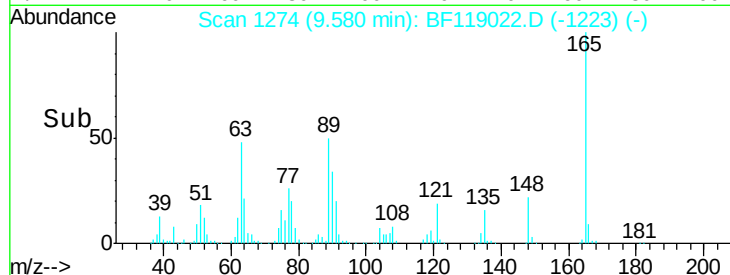
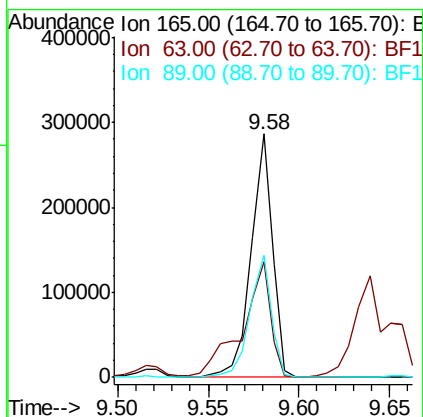
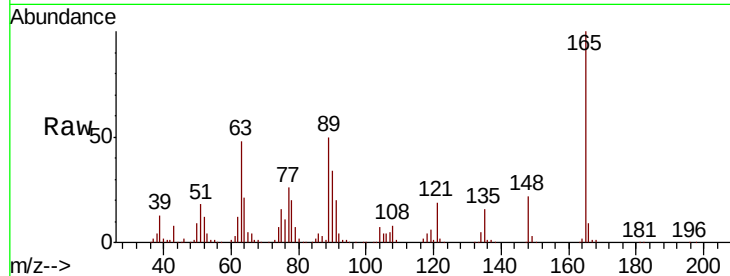
ClientSampleId :

PB127021BS

Tot Ion:	165	Resp:	234945
Ion Ratio	Lower	Upper	
165	100		
63	47.6	37.9	56.9
89	50.0	41.4	62.0

Manual Integrations
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#52

Acenaphthene

Concen: 37.089 ng

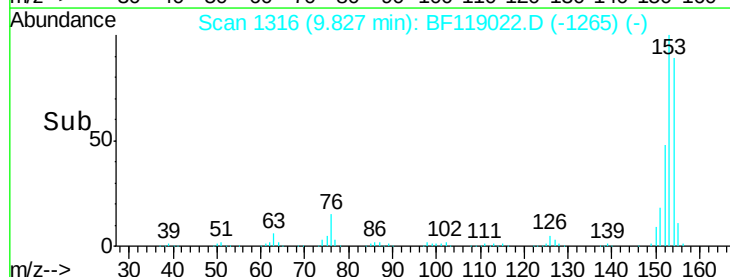
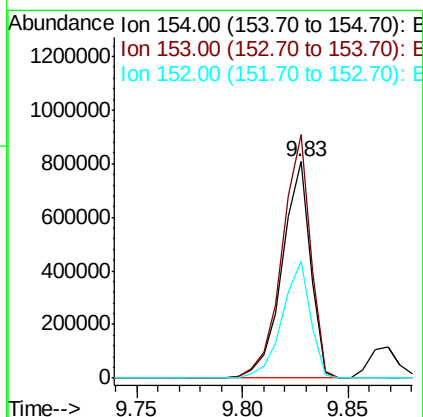
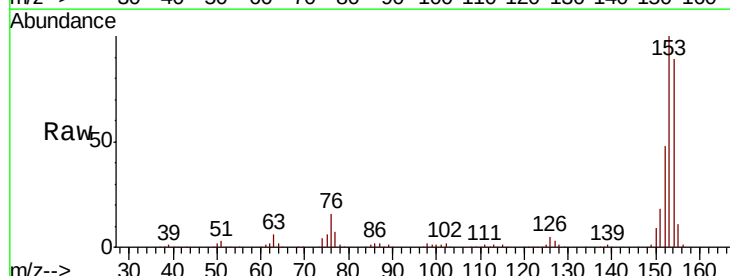
RT: 9.83 min Scan# 1316

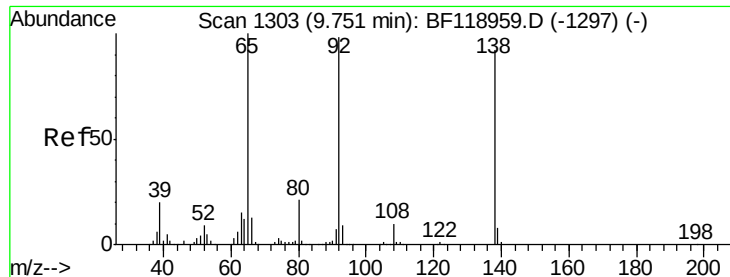
Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Tgt Ion:	154	Resp:	763144
Ion Ratio	Lower	Upper	
154	100		
153	112.4	90.4	135.6
152	54.1	42.9	64.3





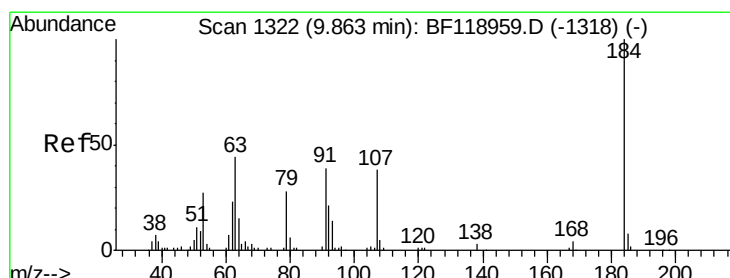
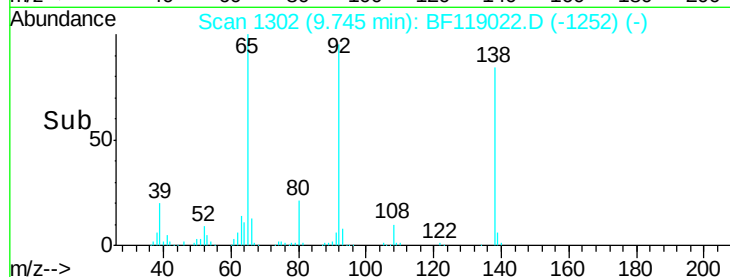
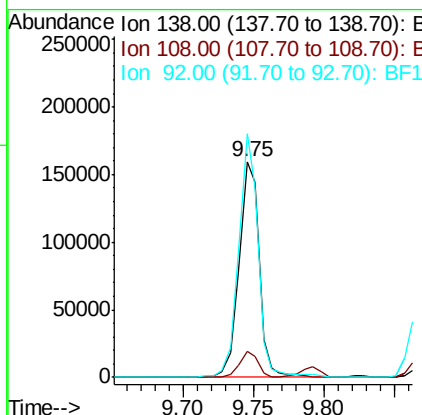
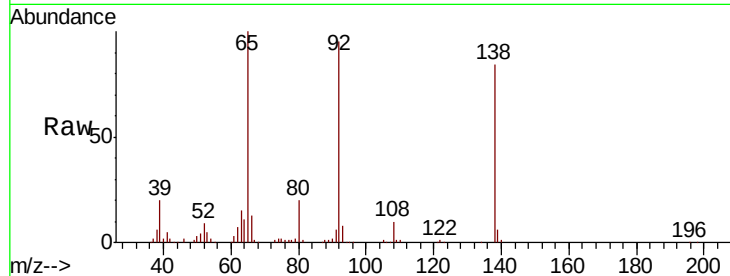
#53
3-Nitroaniline
Concen: 23.304 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
PB127021BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	8.6	13.0
92	112.7	84.6	127.0

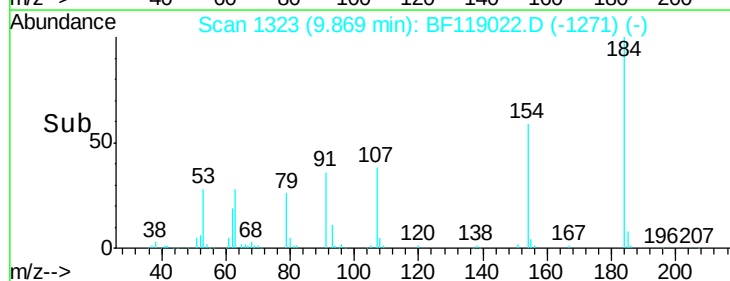
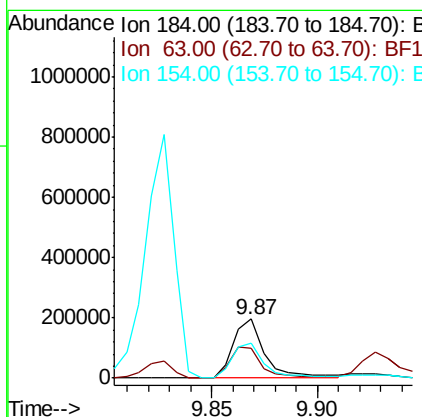
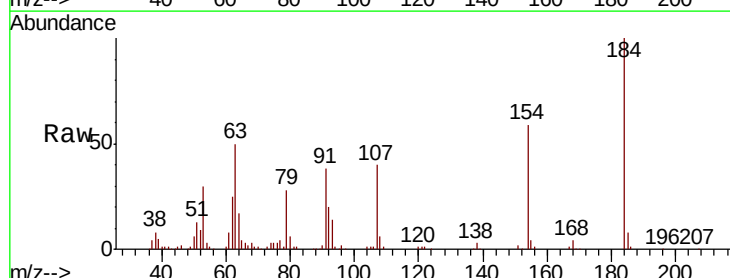
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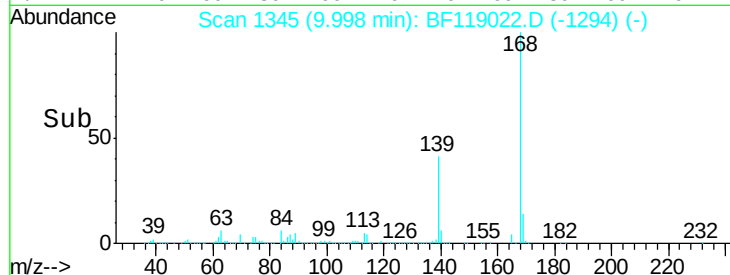
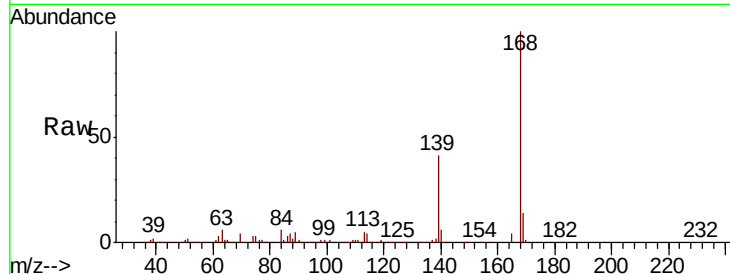
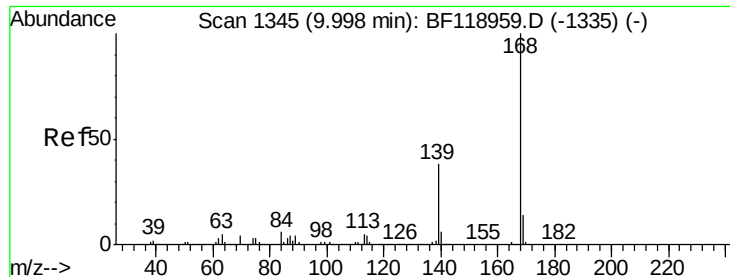
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#54
2,4-Dinitrophenol
Concen: 69.264 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.6	37.8	56.6
154	59.3	47.6	71.4





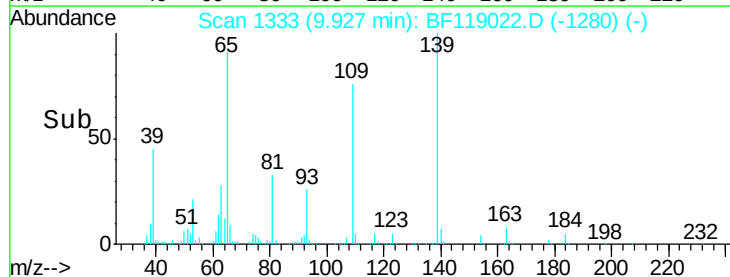
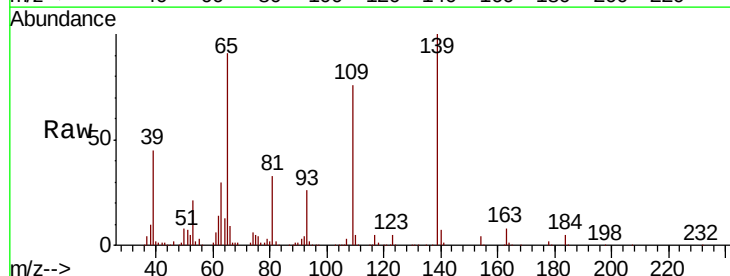
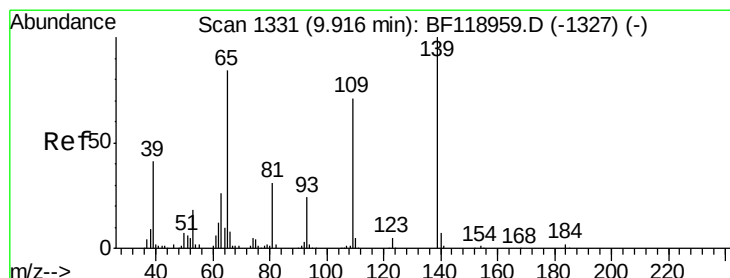
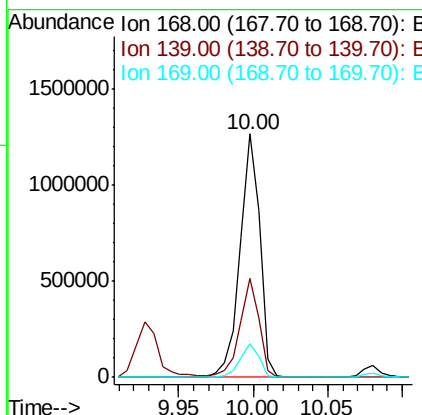
#55
Dibenzofuran
Concen: 38.137 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
PB127021BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.7	31.7	47.5
169	13.7	11.0	16.4

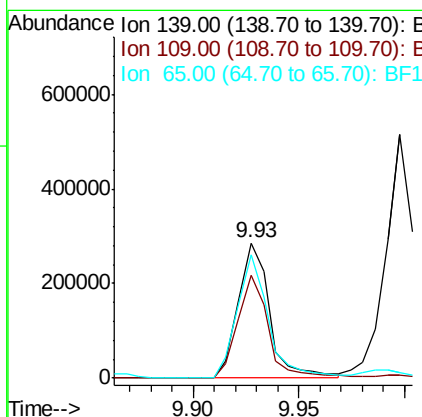
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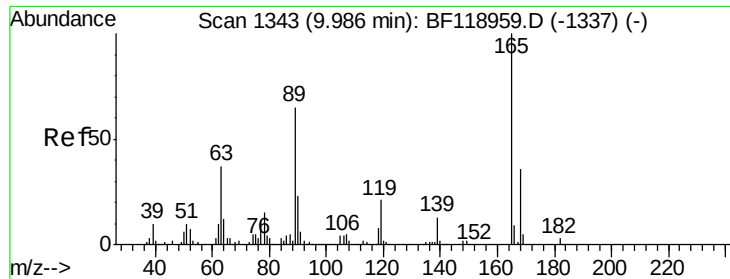
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#56
4-Nitrophenol
Concen: 72.634 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.5	51.1	91.1
65	90.9	64.7	104.7





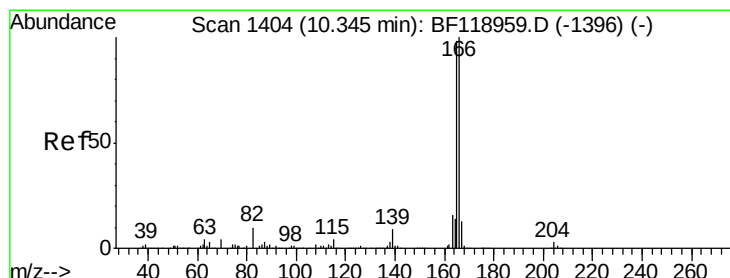
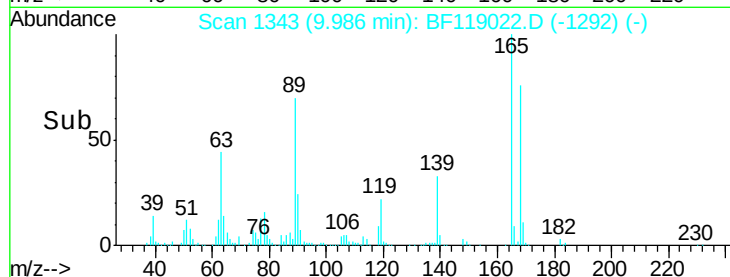
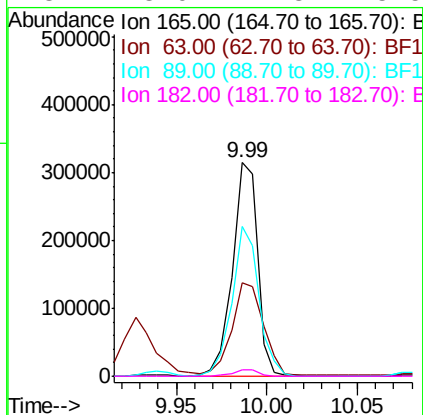
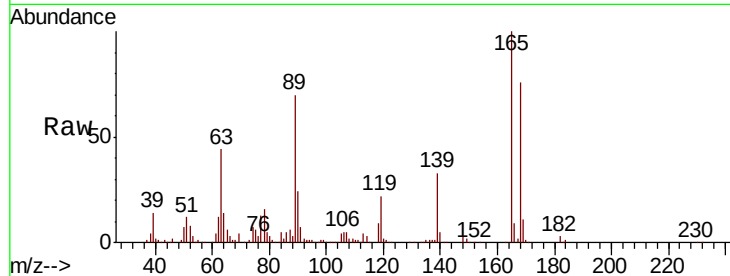
#57
 2,4-Dinitrotoluene
 Concen: 38.189 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BF119022.D
 Acq: 24 Feb 2020 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB127021BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	305066		
63	44.0	29.8	44.8	
89	70.2	51.9	77.9	
182	3.0	2.3	3.5	

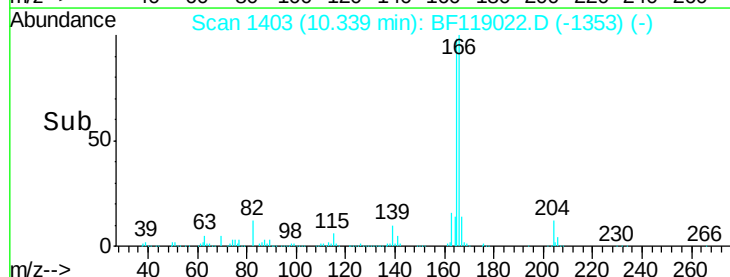
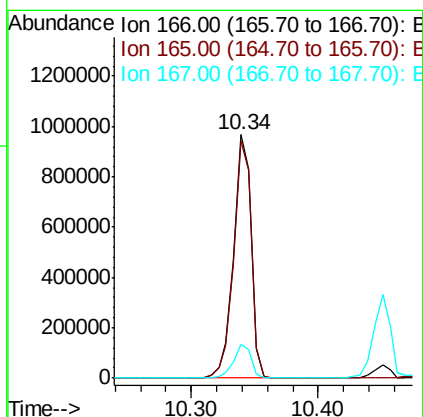
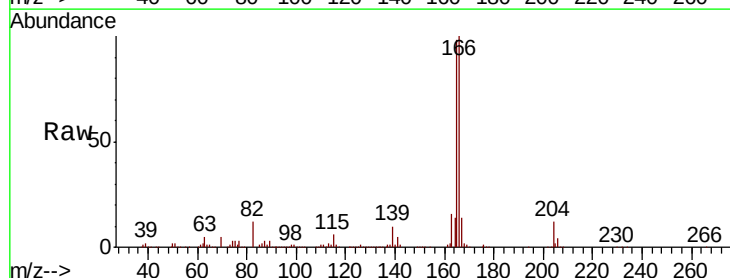
Manual Integrations
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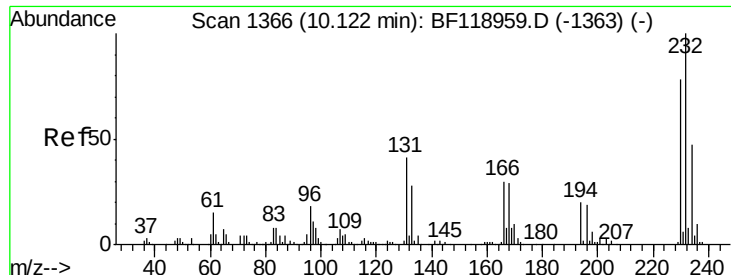
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#58
 Fluorene
 Concen: 38.327 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF119022.D
 Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	914676		
165	97.6	78.2	117.4	
167	13.7	10.6	16.0	





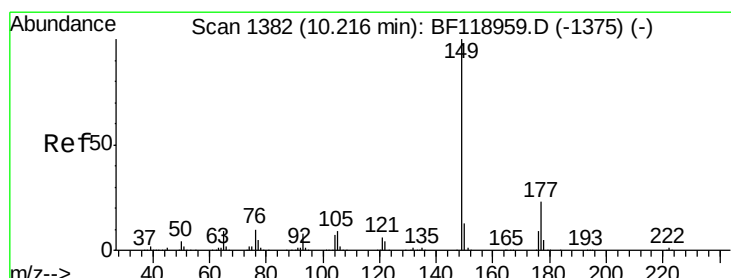
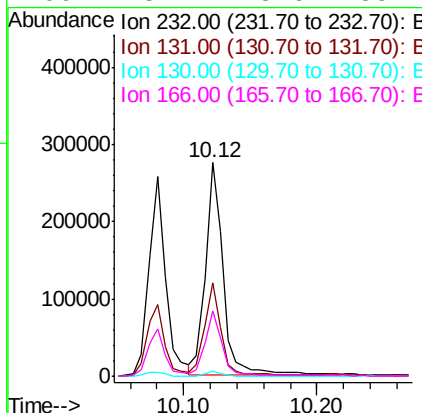
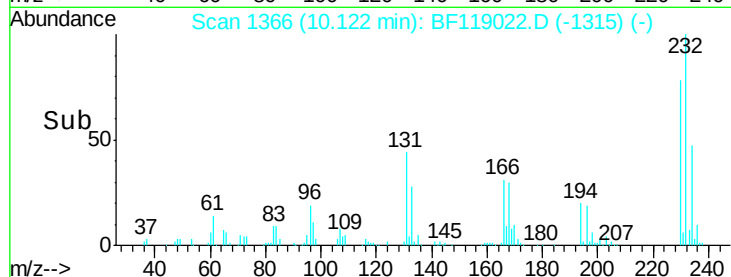
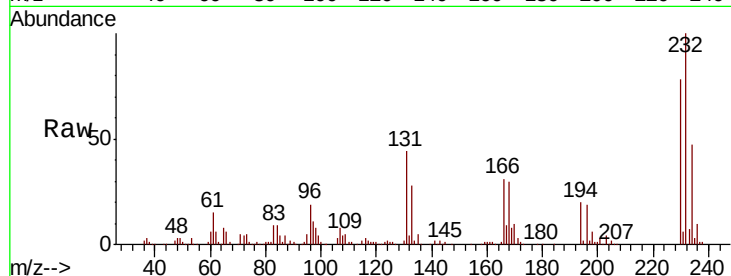
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.931 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
PB127021BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	252572		
131	41.1		34.0	51.0
130	2.2		1.6	2.4
166	28.7		23.6	35.4

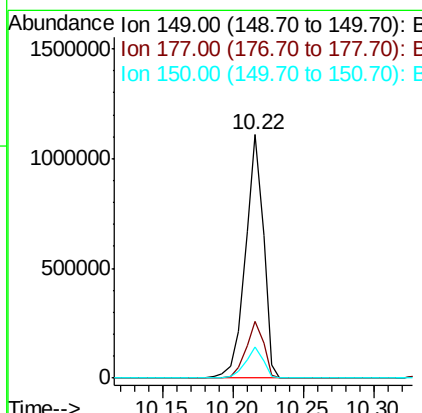
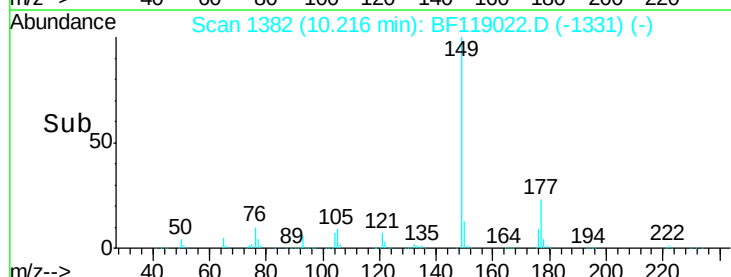
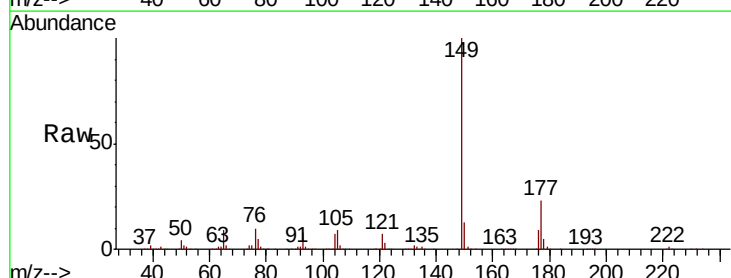
Manual Integrations
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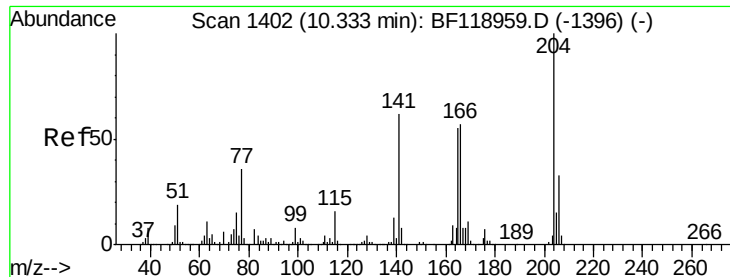
mohammad
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#60
Diethylphthalate
Concen: 37.608 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	983144		
177	23.3		18.1	27.1
150	12.9		10.4	15.6





#61

4-Chlorophenyl-phenylether

Concen: 37.774 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

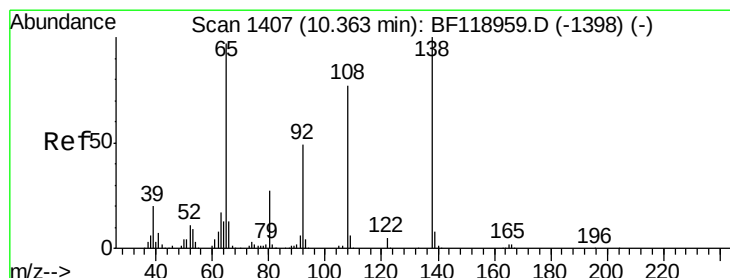
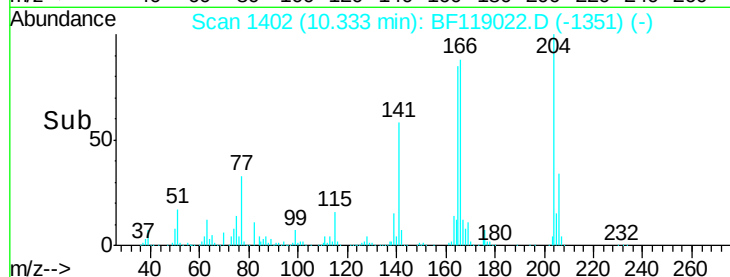
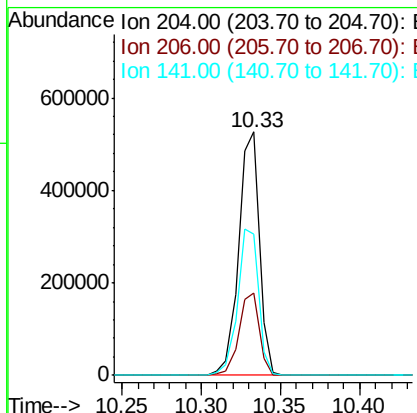
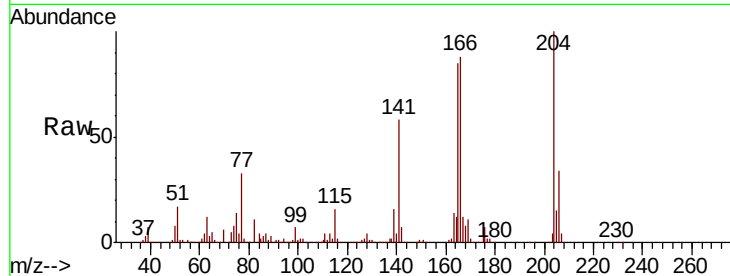
ClientSampleId :

PB127021BS

Tot Ion:	204	Resp:	477166
Ion Ratio		Lower	Upper
204	100		
206	33.8	26.5	39.7
141	58.2	49.5	74.3

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#62

4-Nitroaniline

Concen: 32.756 ng

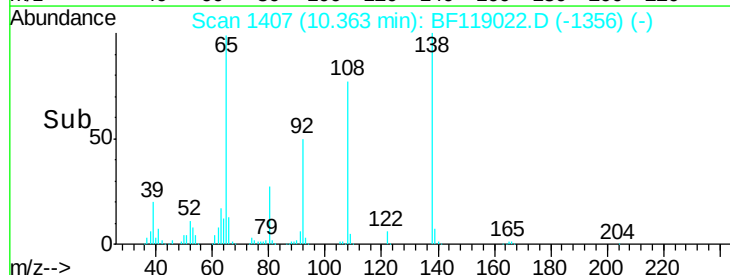
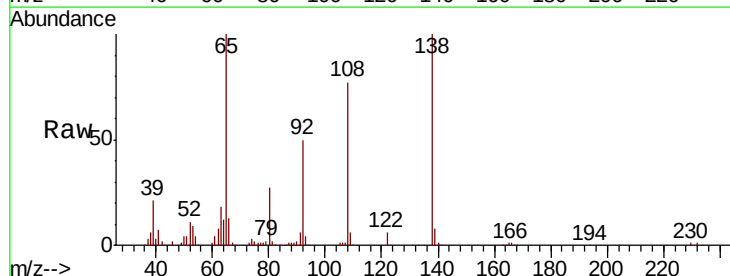
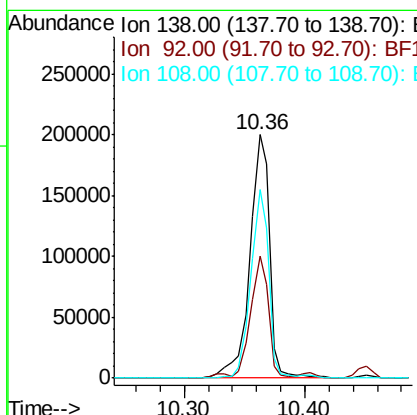
RT: 10.36 min Scan# 1407

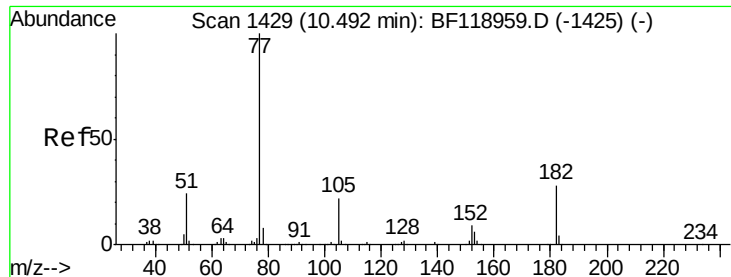
Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Tgt Ion:	138	Resp:	228975
Ion Ratio		Lower	Upper
138	100		
92	50.4	28.7	68.7
108	77.3	56.8	96.8





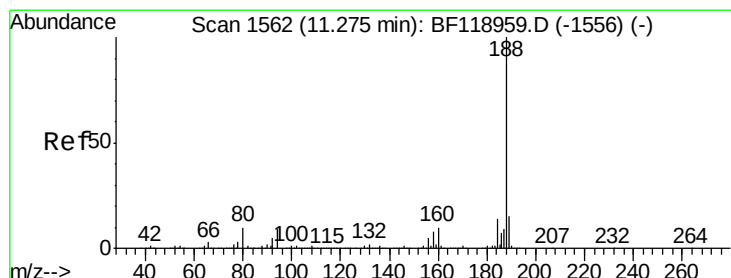
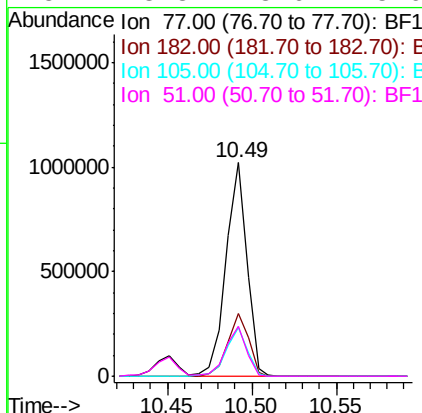
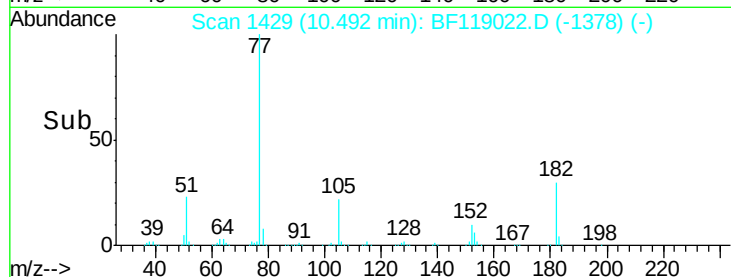
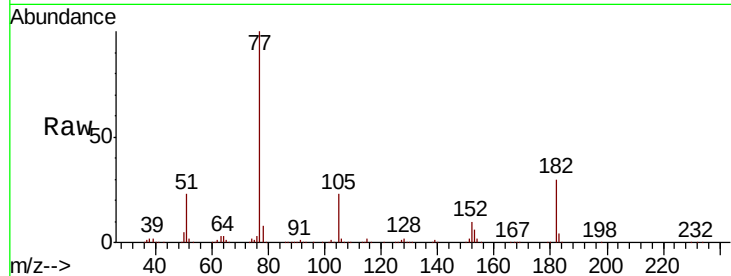
#63
Azobenzene
Concen: 38.603 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
PB127021BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.5	8.2	48.2	
105	22.6	2.3	42.3	
51	23.3	3.6	43.6	

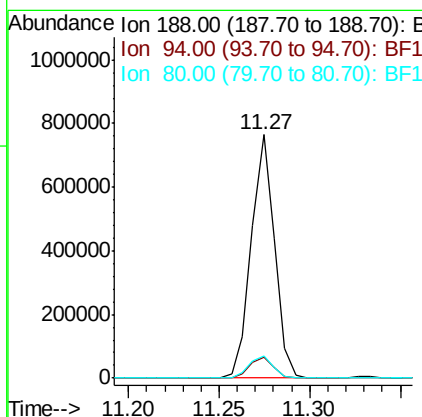
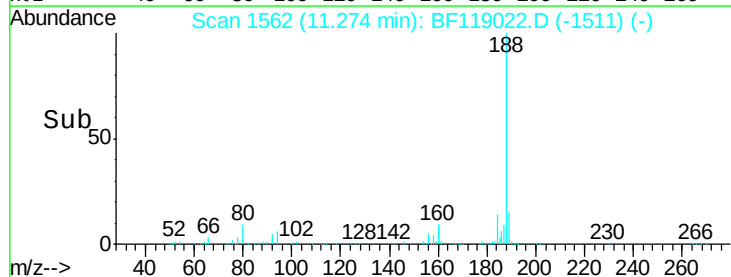
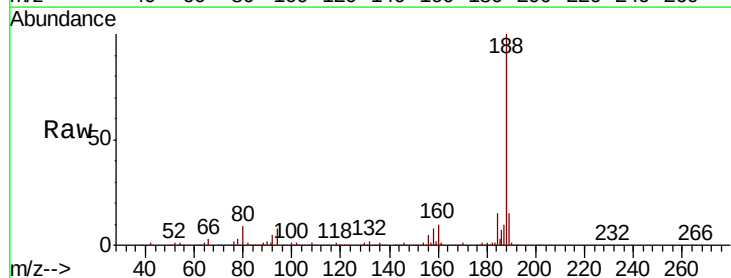
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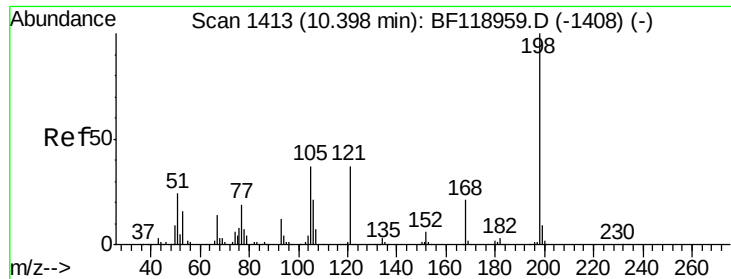
mohammad
2/25/2020 4:19:16 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.5	7.0	10.6	
80	9.1	7.9	11.9	





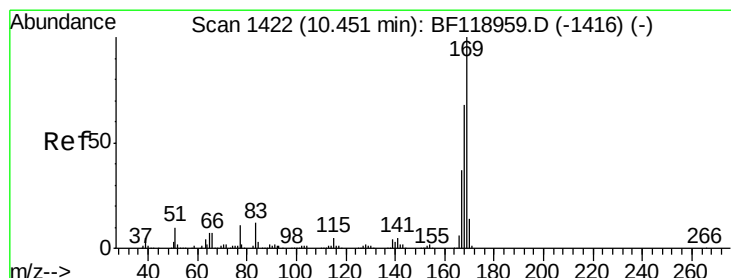
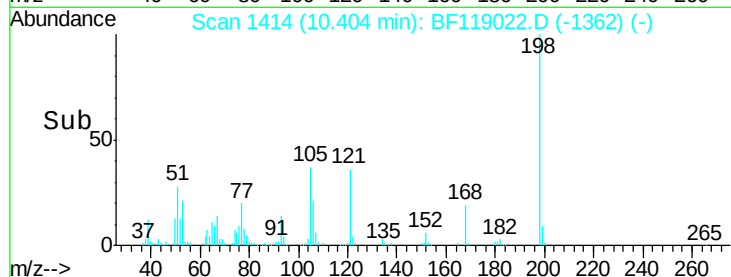
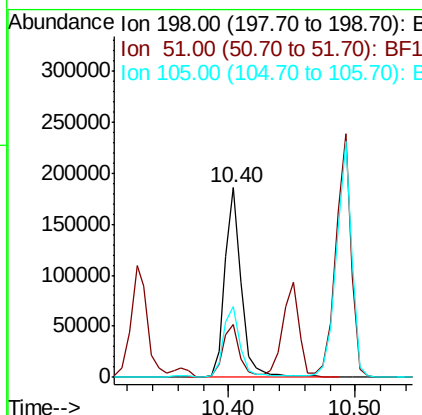
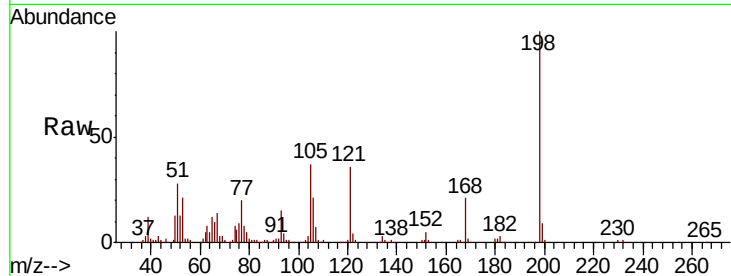
#65
4,6-Dinitro-2-methylphenol
Concen: 40.341 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
PB127021BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	167266		
51	28.2	7.1	47.1	
105	37.2	18.3	58.3	

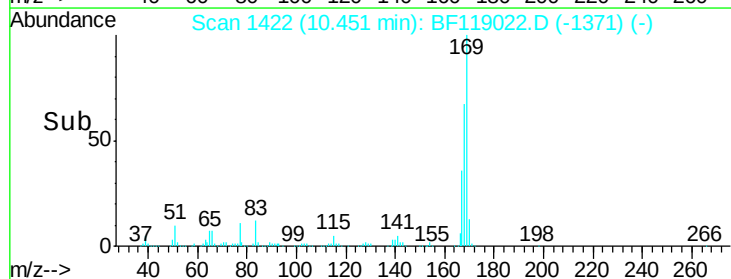
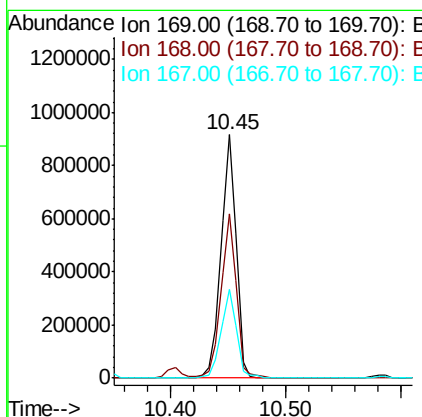
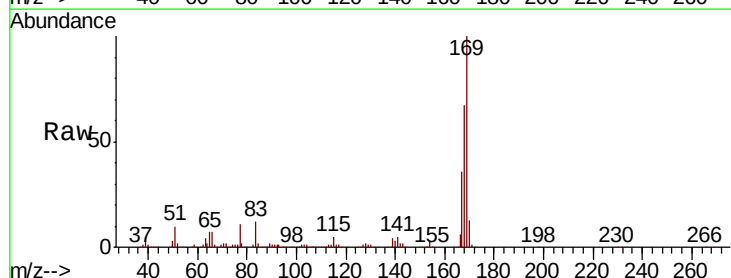
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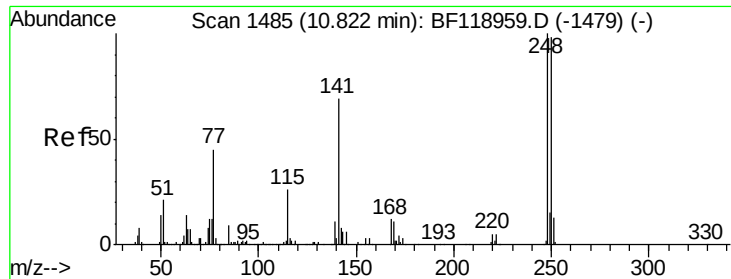
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 37.301 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	836892		
168	67.3	54.2	81.2	
167	36.5	29.4	44.2	





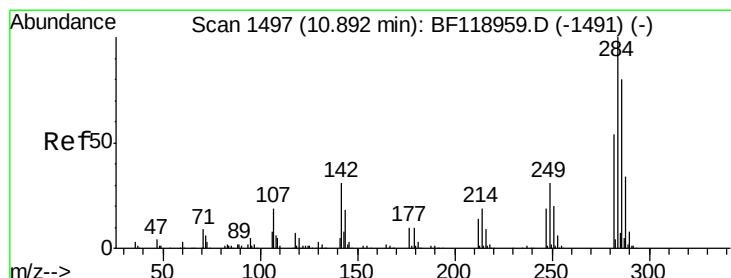
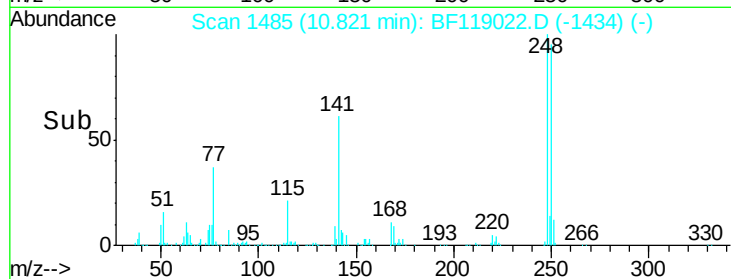
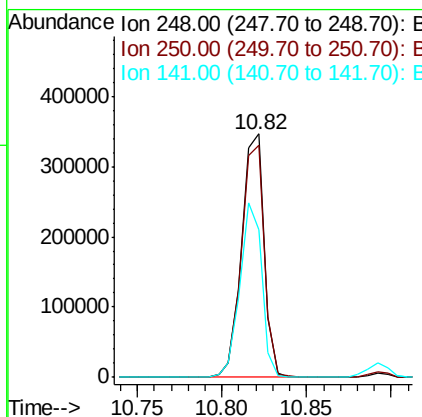
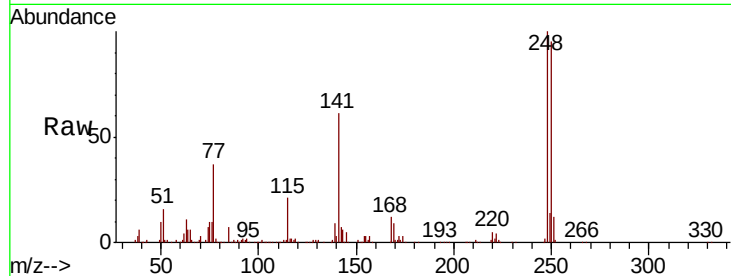
#67
 4-Bromophenyl-phenylether
 Concen: 36.191 ng
 RT: 10.82 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: BF119022.D
 Acq: 24 Feb 2020 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB127021BS

Tot Ion:	248	Resp:	324144
Ion Ratio	Lower	Upper	
248	100		
250	95.3	78.8	118.2
141	60.6	55.3	82.9

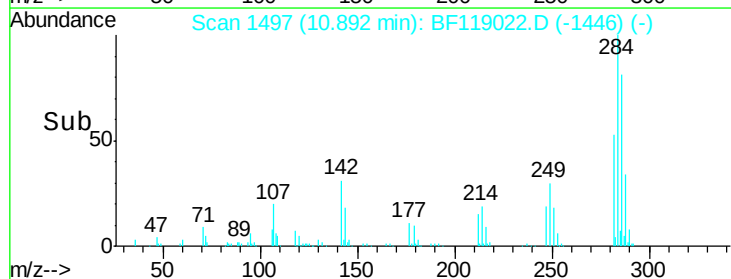
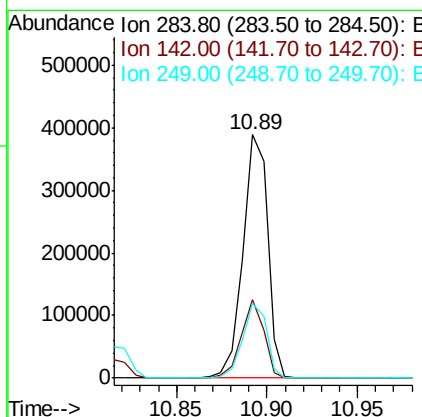
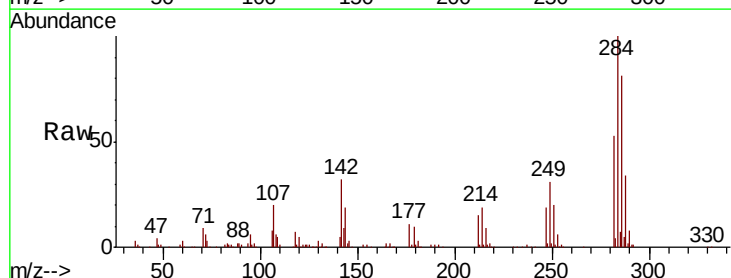
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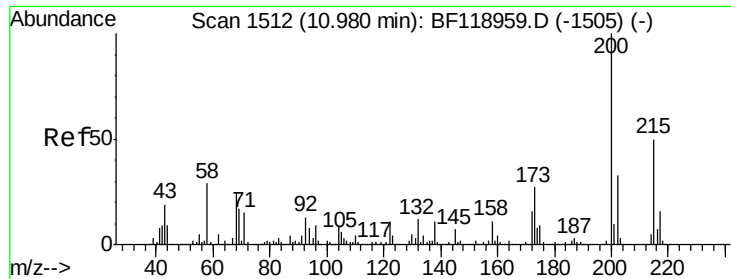
mohammad
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#68
 Hexachlorobenzene
 Concen: 35.614 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. -0.00 min
 Lab File: BF119022.D
 Acq: 24 Feb 2020 14:40

Tgt Ion:	284	Resp:	367767
Ion Ratio	Lower	Upper	
284	100		
142	32.3	25.0	37.6
249	30.9	25.0	37.4





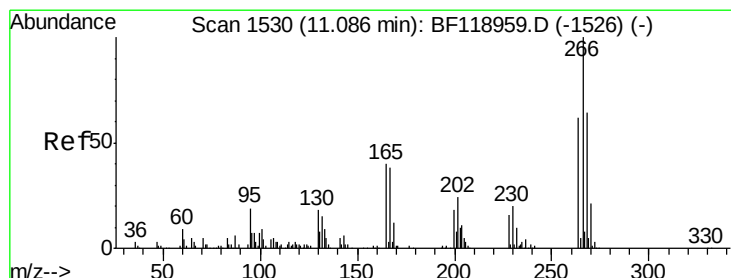
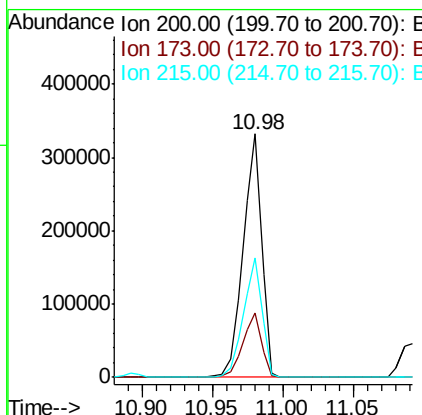
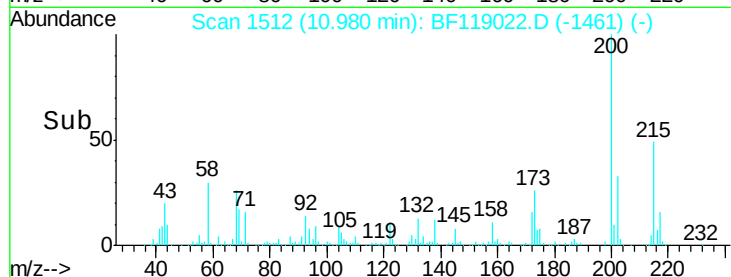
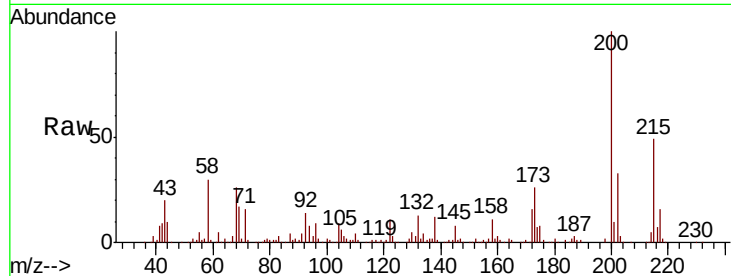
#69
Atrazine
Concen: 38.659 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
PB127021BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	303048		
173	26.3	6.9	46.9	
215	49.1	29.7	69.7	

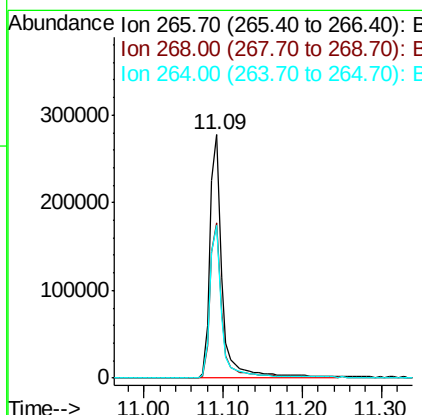
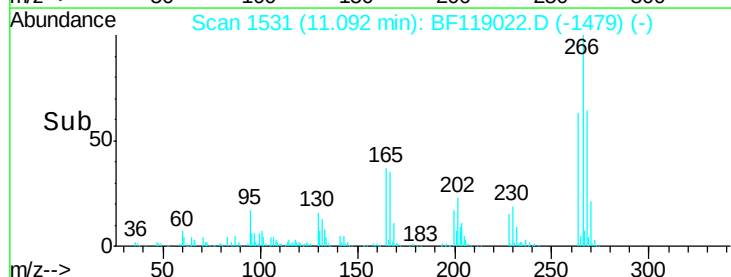
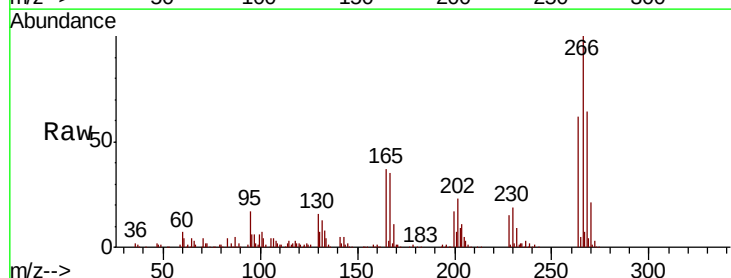
Manual Integrations
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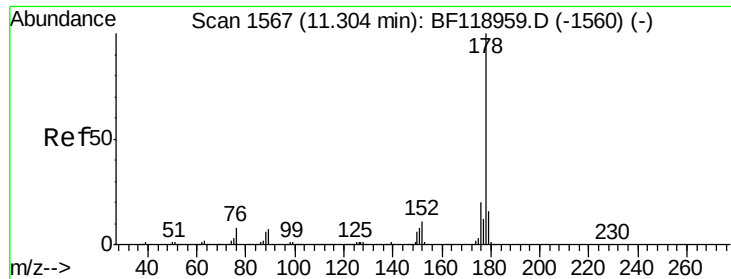
mohammad
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#70
Pentachlorophenol
Concen: 72.401 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	301168		
268	64.0	51.4	77.0	
264	62.5	49.5	74.3	





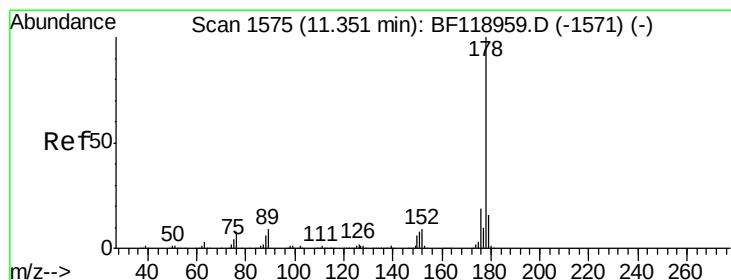
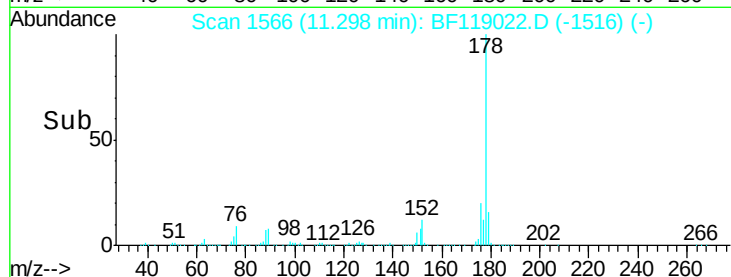
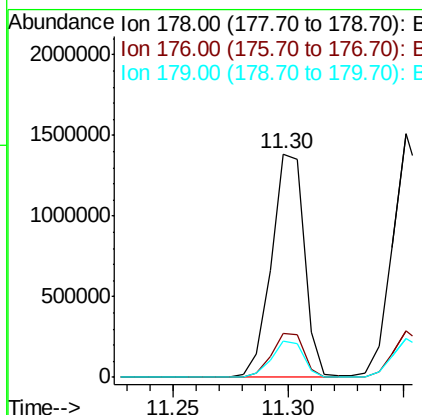
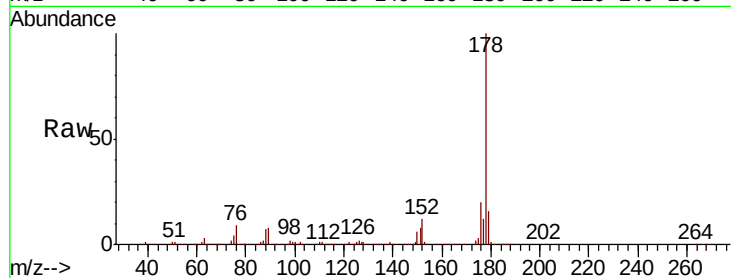
#71
Phenanthrene
Concen: 36.602 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
PB127021BS

Tot Ion:178 Resp: 1367733
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 16.0 12.6 18.8

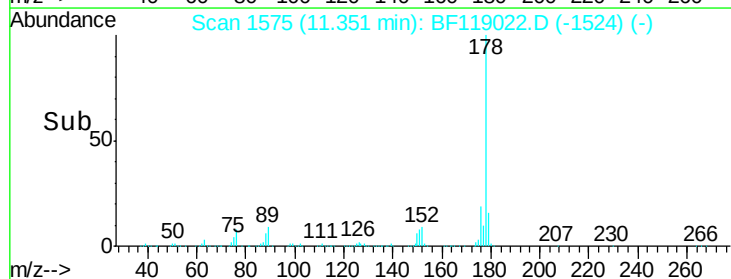
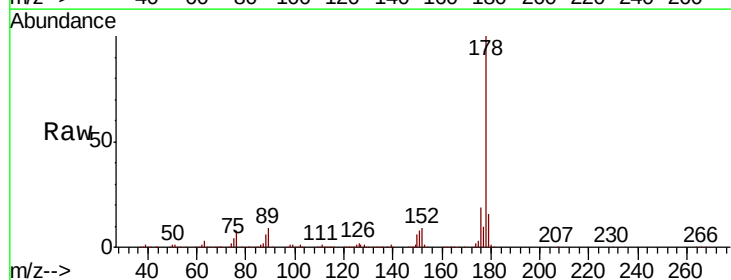
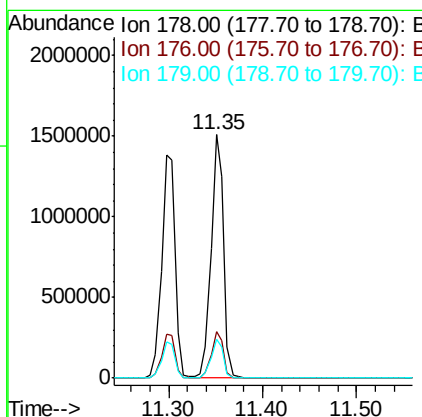
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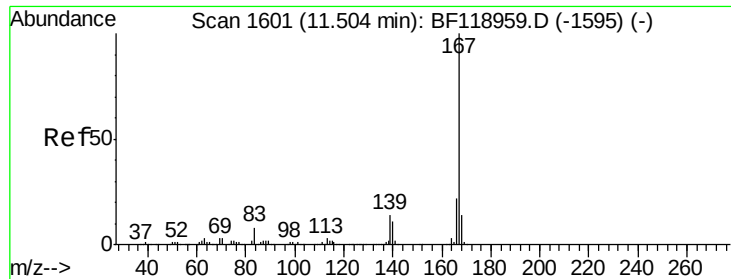
mohammad
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#72
Anthracene
Concen: 38.022 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion:178 Resp: 1419610
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 16.1 12.8 19.2





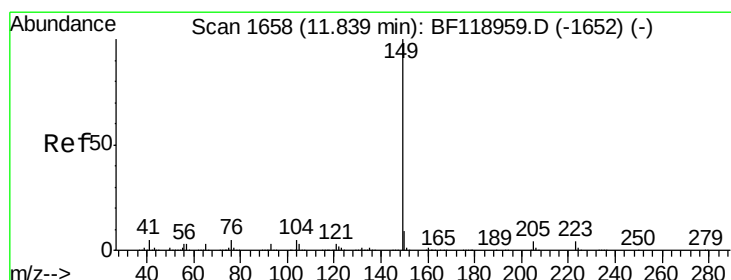
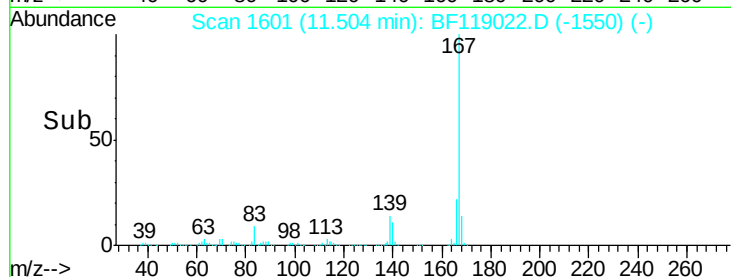
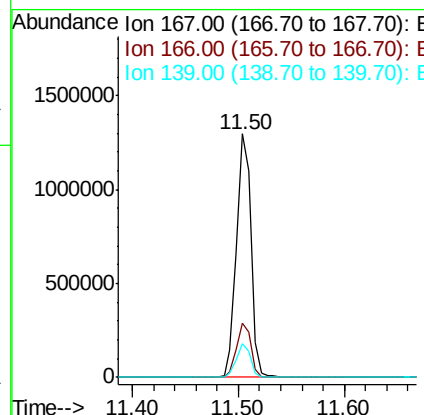
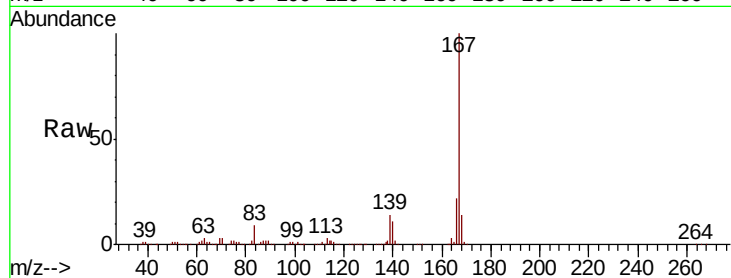
#73
 Carbazole
 Concen: 36.814 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BF119022.D
 Acq: 24 Feb 2020 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB127021BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.6
139	13.7	11.2	16.8

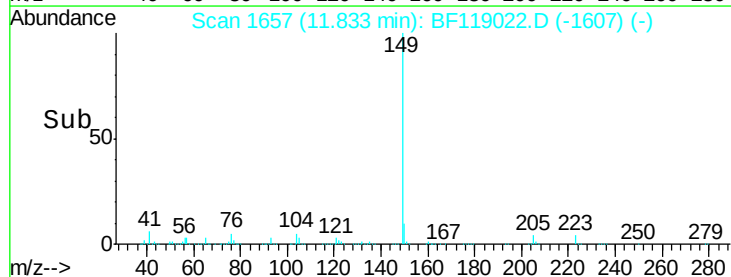
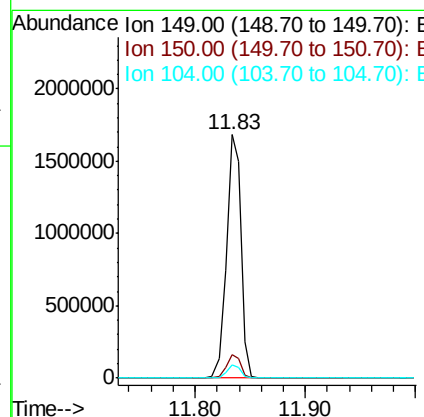
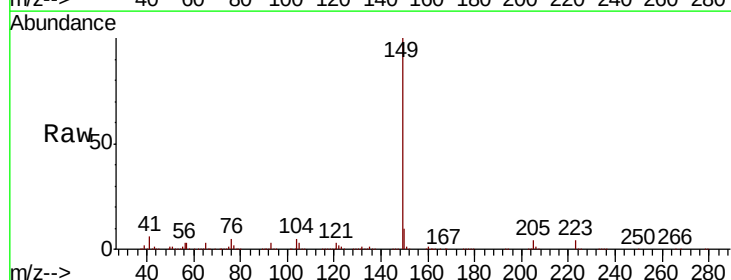
Manual Integrations
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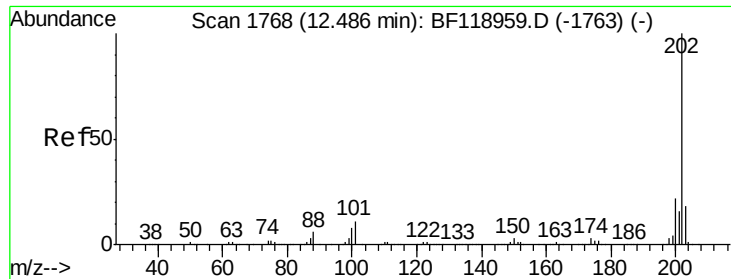
mohammad
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#74
 Di-n-butylphthalate
 Concen: 38.006 ng
 RT: 11.83 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BF119022.D
 Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.5	11.3
104	5.2	4.0	6.0





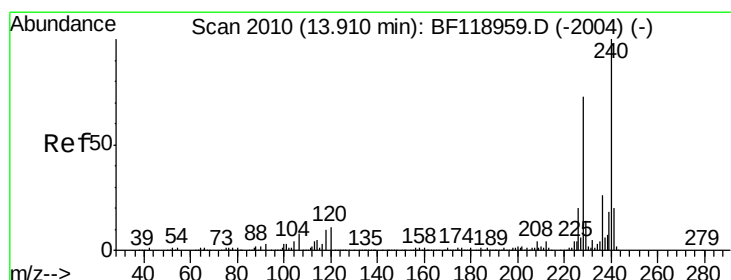
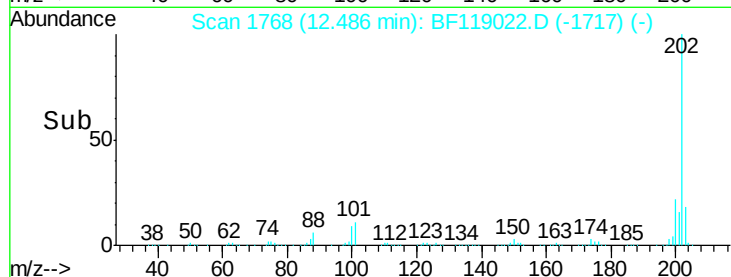
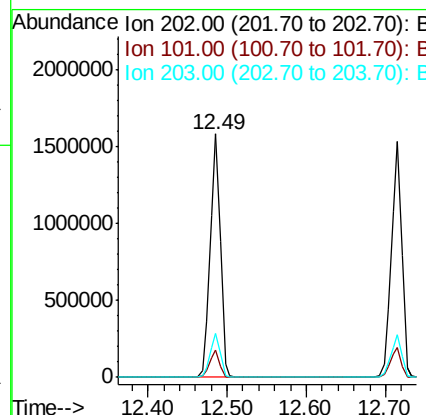
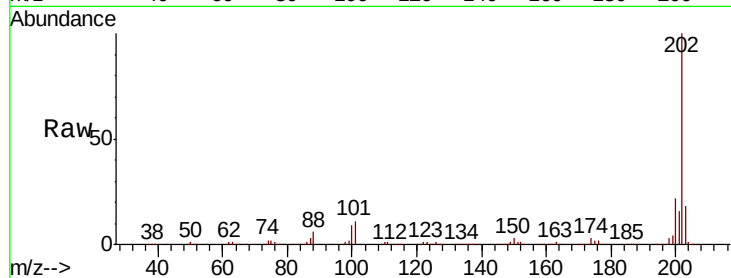
#75
Fluoranthene
Concen: 36.072 ng
RT: 12.49 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
PB127021BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.1
203	18.2	0.0	38.1

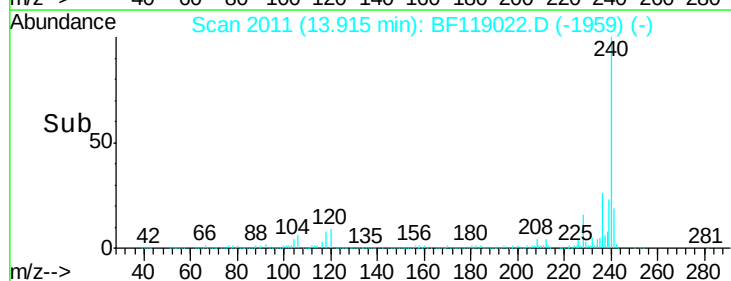
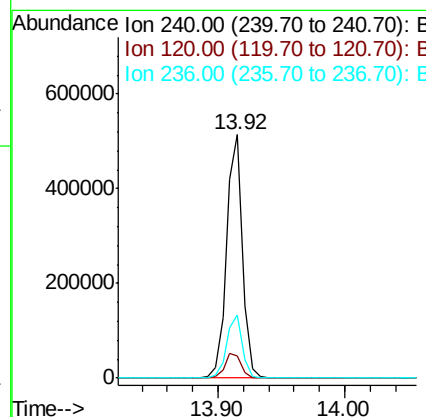
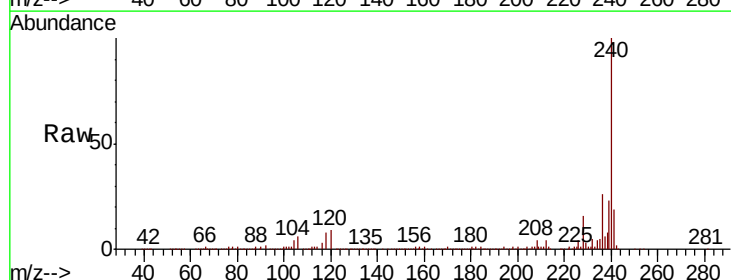
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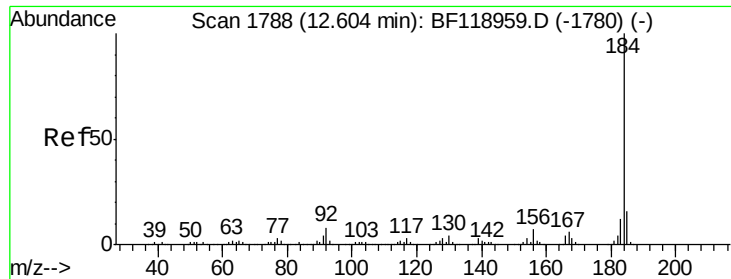
mohammad
2/25/2020 4:19:16 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.9	13.3
236	25.8	20.6	30.8





#77

Benzidine

Concen: 20.139 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

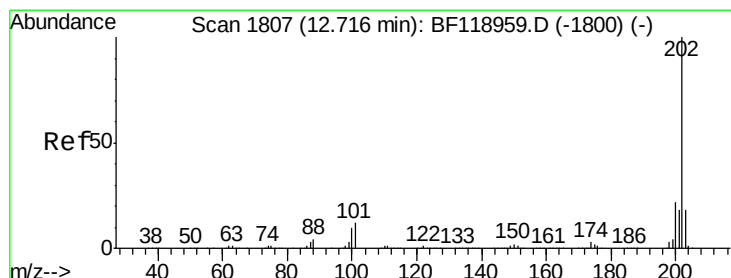
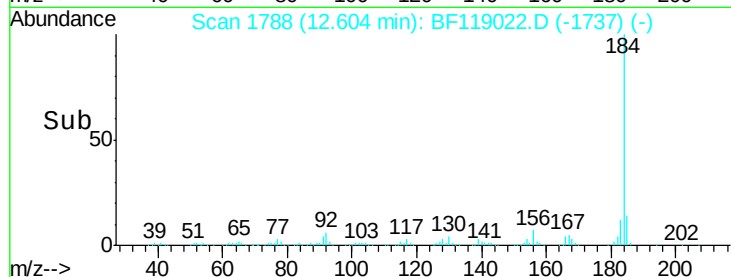
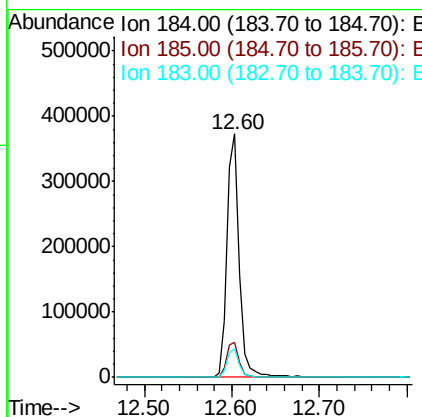
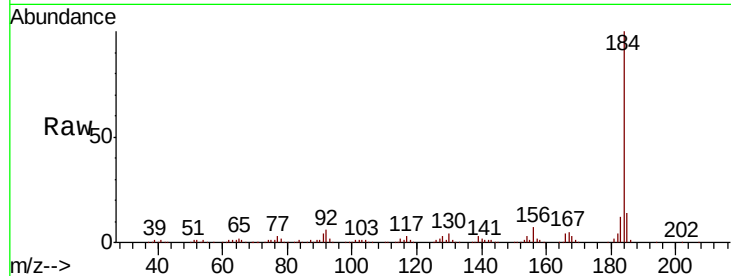
ClientSampleId :

PB127021BS

Tot Ion:	184	Resp:	366179
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	19.0
183	11.9	9.9	14.9

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2/25/2020 4:19:16 PM



#78

Pyrene

Concen: 39.576 ng

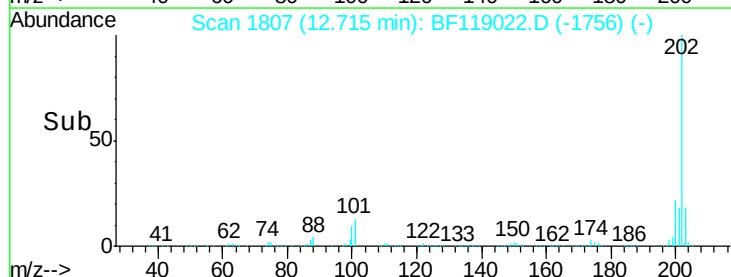
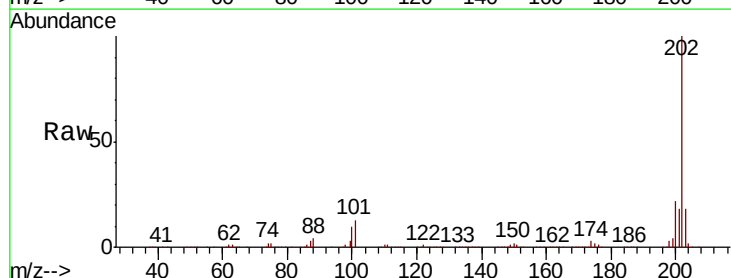
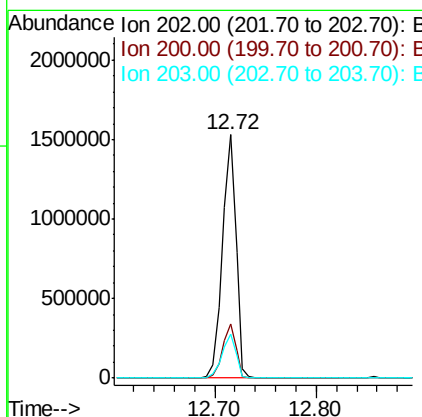
RT: 12.72 min Scan# 1807

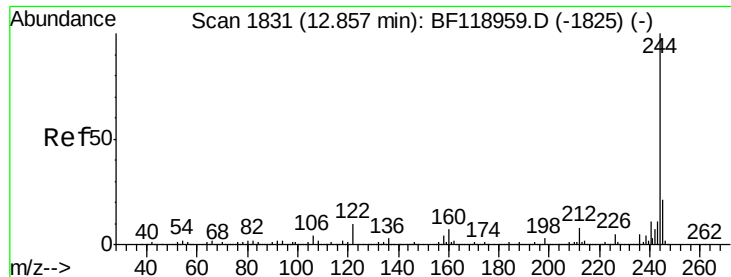
Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Tgt Ion:	202	Resp:	1420751
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.4	26.0
203	18.1	14.5	21.7





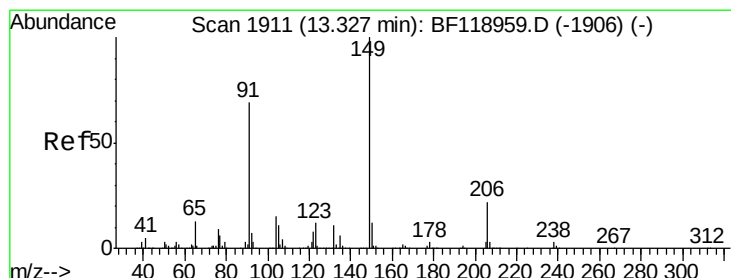
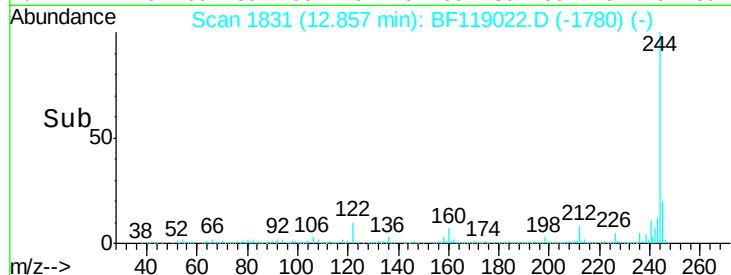
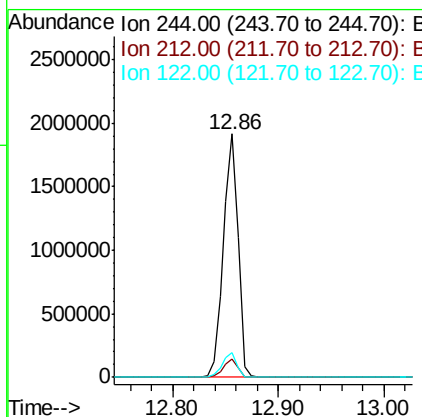
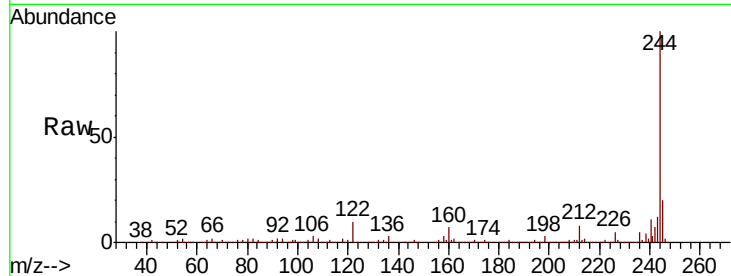
#79
 Terphenyl-d14
 Concen: 71.955 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BF119022.D
 Acq: 24 Feb 2020 14:40

Instrument :
 BNA_F
 ClientSampleID :
 PB127021BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	10.3	8.4	12.6

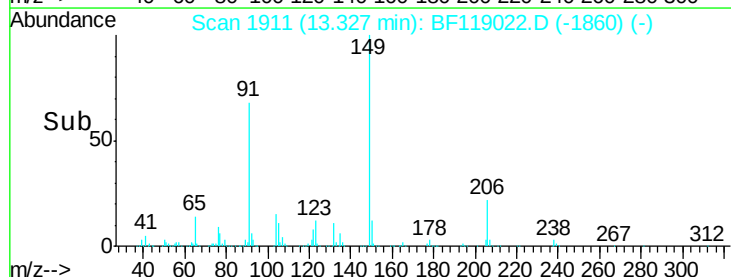
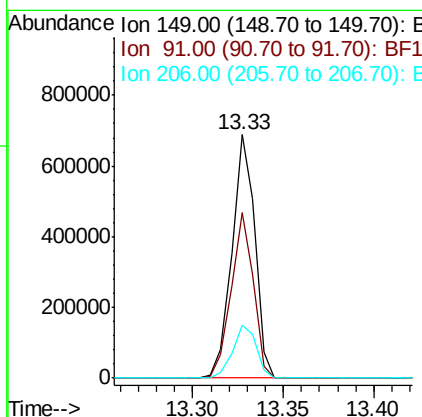
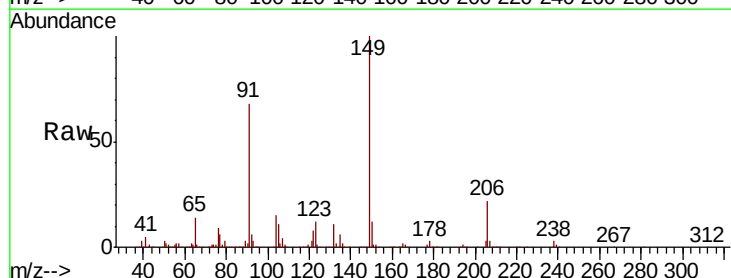
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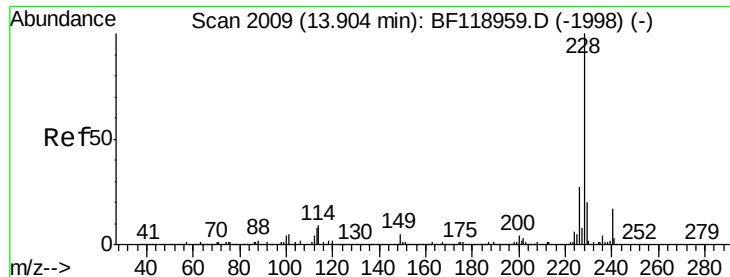
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#80
 Butylbenzylphthalate
 Concen: 40.145 ng
 RT: 13.33 min Scan# 1911
 Delta R.T. -0.00 min
 Lab File: BF119022.D
 Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.1	55.4	83.2
206	21.8	17.7	26.5





#81

Benzo(a)anthracene

Concen: 37.425 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

PB127021BS

Tot Ion:228 Resp: 1140039

Ion Ratio Lower Upper

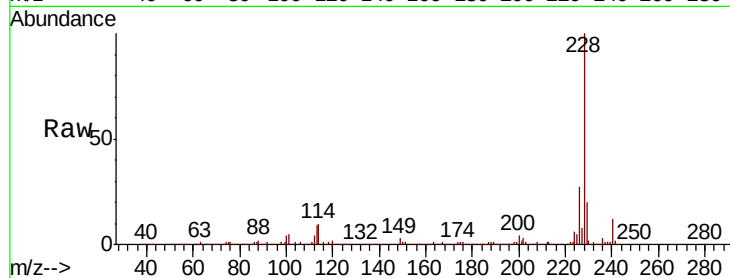
228 100

226 27.5 21.8 32.8

229 20.1 16.0 24.0

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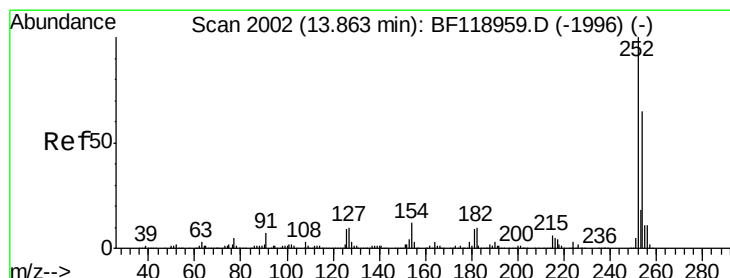
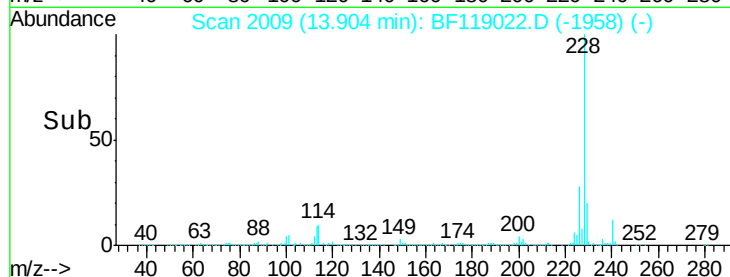
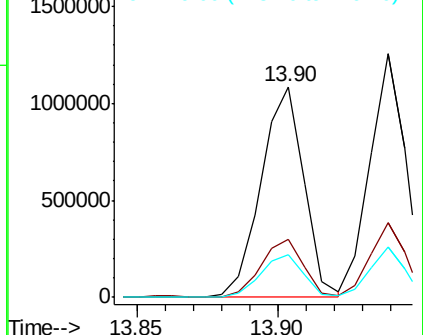


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.324 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

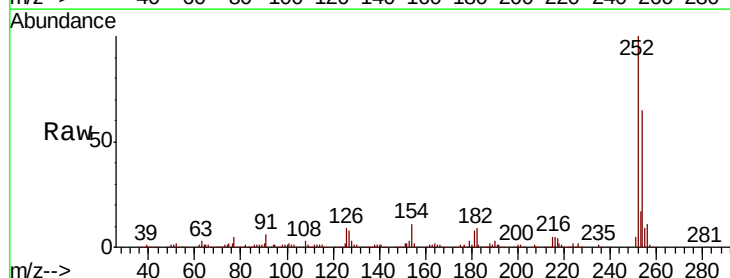
Tgt Ion:252 Resp: 346859

Ion Ratio Lower Upper

252 100

254 64.7 52.1 78.1

126 8.9 7.3 10.9

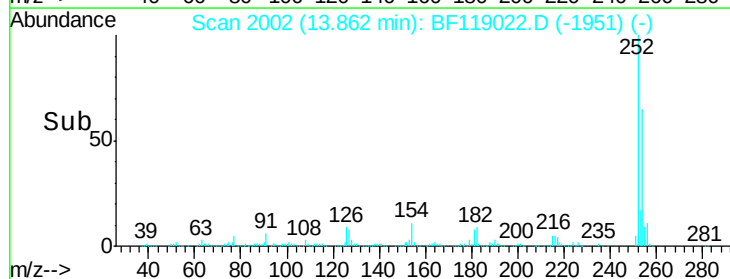
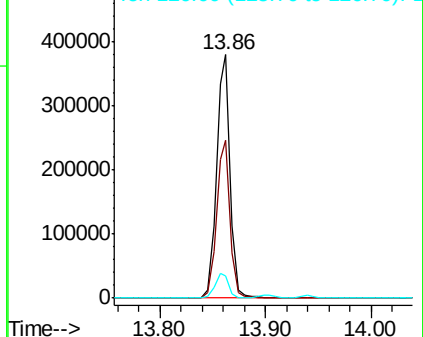


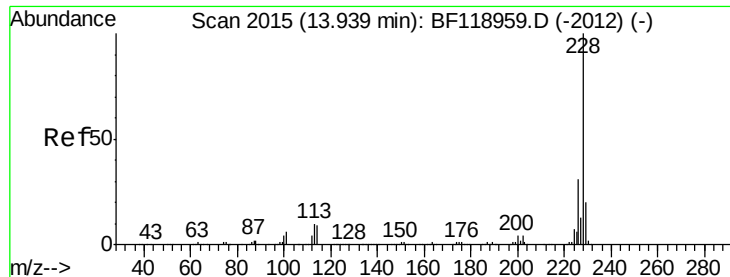
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 35.994 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

PB127021BS

Tot Ion:228 Resp: 1092520

Ion Ratio Lower Upper

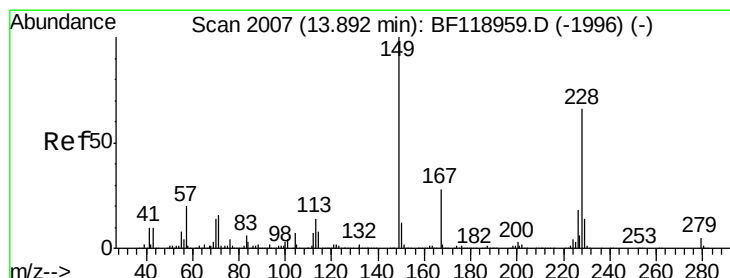
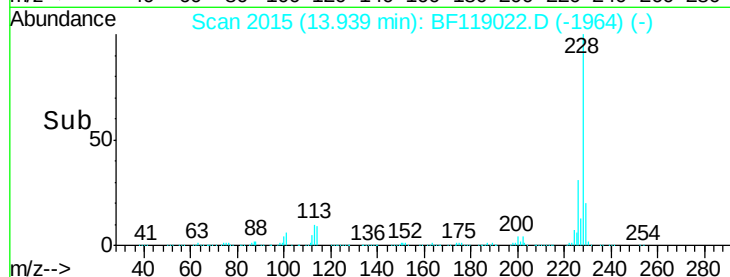
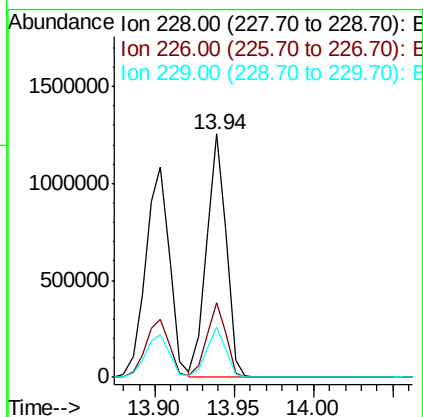
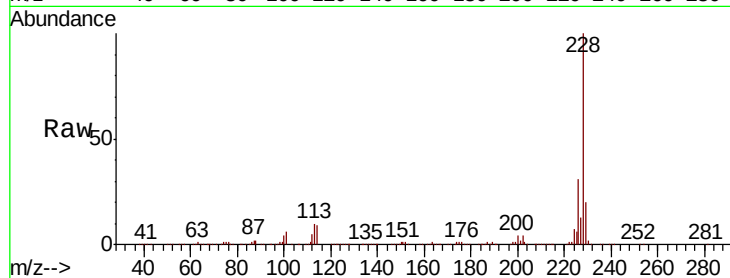
228 100

226 30.5 24.6 37.0

229 20.5 16.2 24.2

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#84

Bis(2-ethylhexyl)phthalate

Concen: 41.894 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

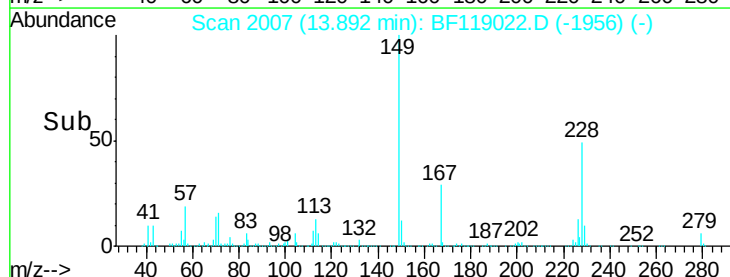
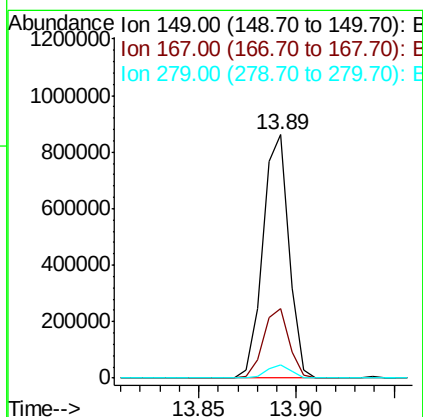
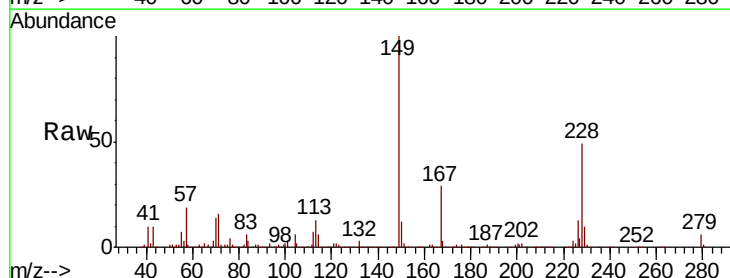
Tgt Ion:149 Resp: 799684

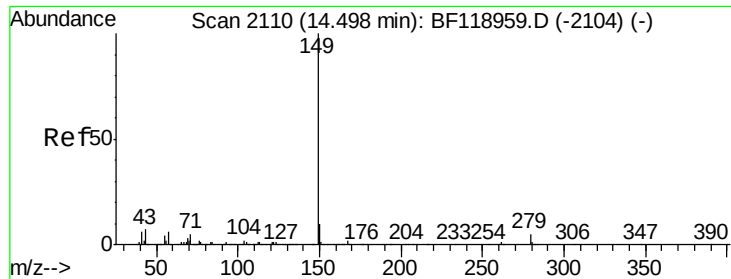
Ion Ratio Lower Upper

149 100

167 28.6 22.3 33.5

279 5.6 4.2 6.4





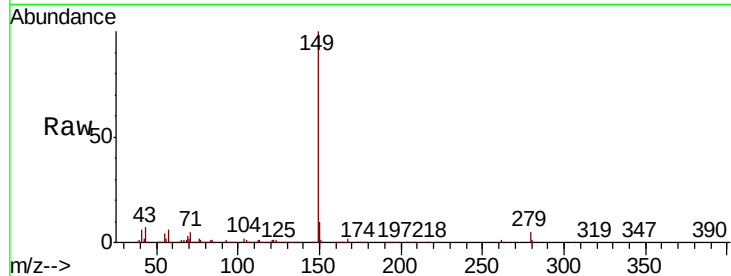
#85
Di-n-octyl phthalate
Concen: 40.595 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
PB127021BS

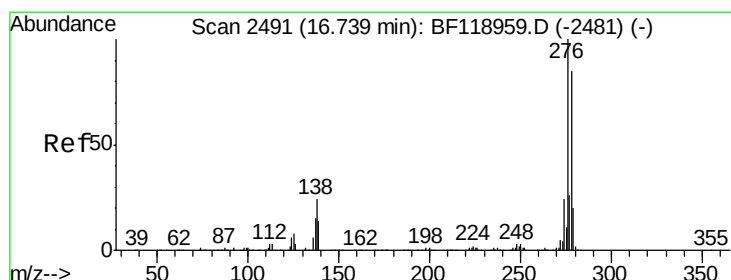
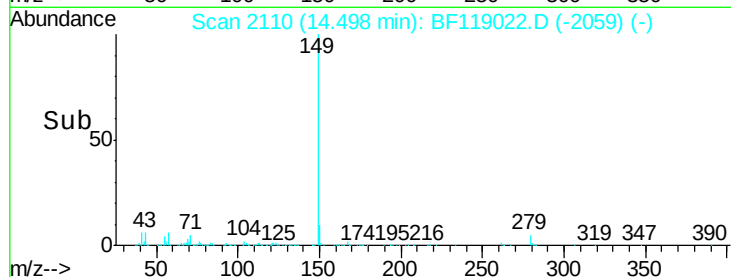
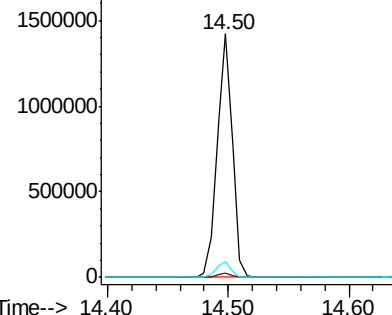
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	6.3	5.2	7.8

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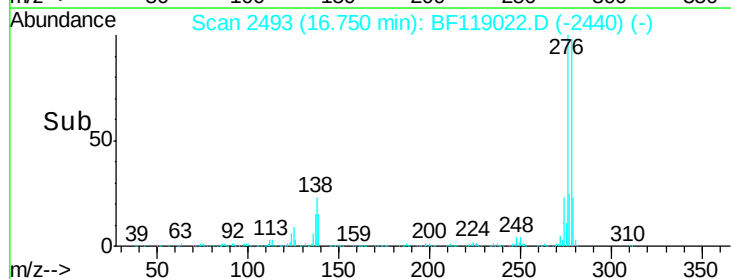
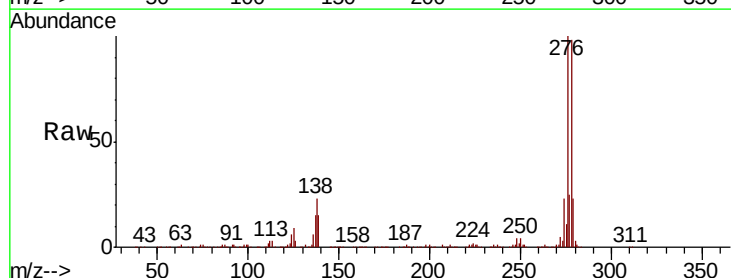
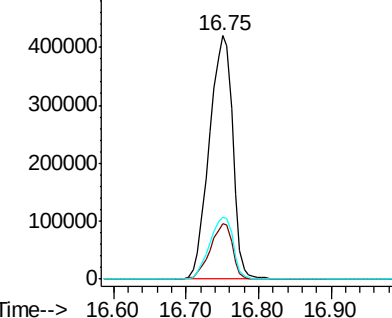
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

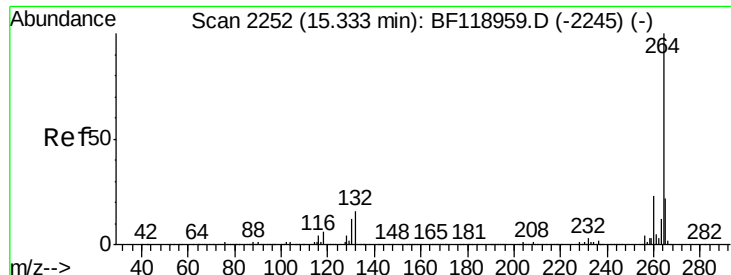


#86
Indeno(1,2,3-cd)pyrene
Concen: 32.068 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.7	18.7	28.1
277	25.6	20.3	30.5

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





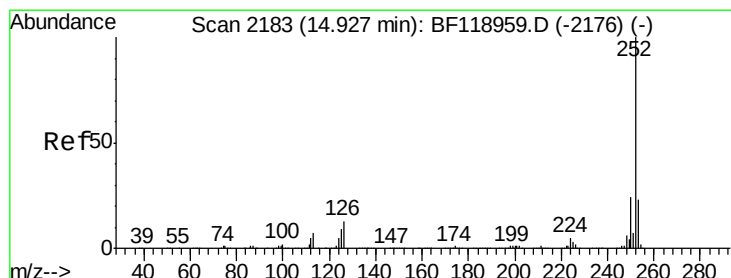
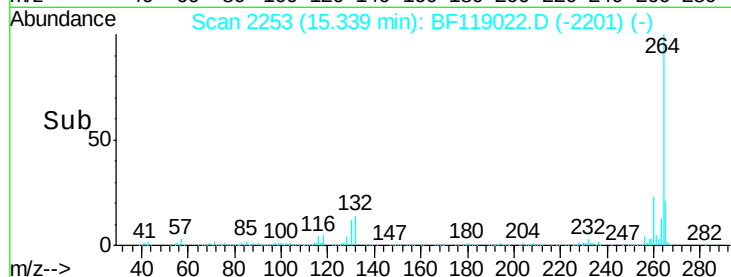
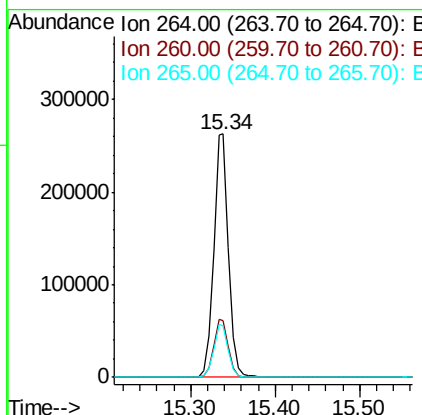
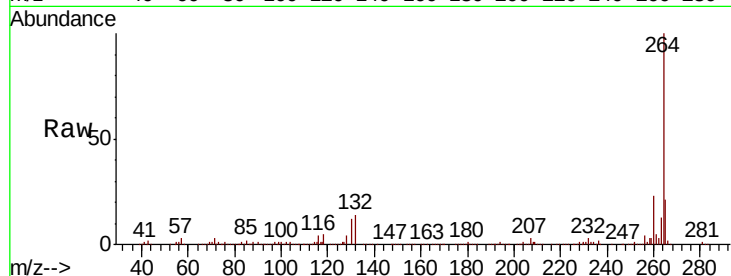
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
PB127021BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	28.0
265	21.1	17.3	25.9

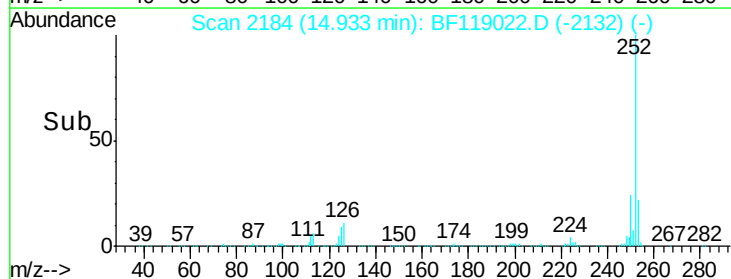
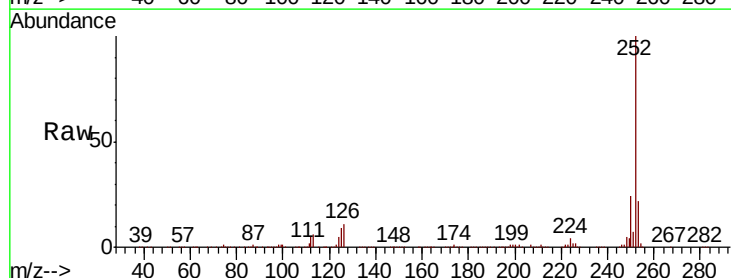
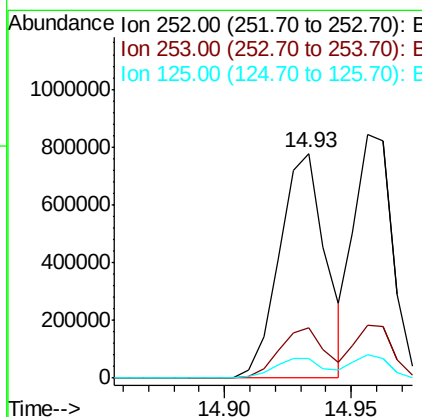
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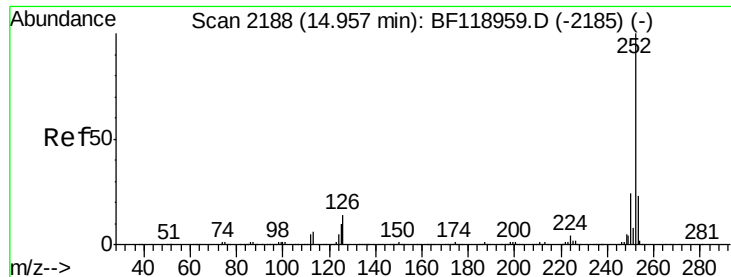
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#88
Benzo(b)fluoranthene
Concen: 45.750 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.01 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	8.9	7.4	11.0





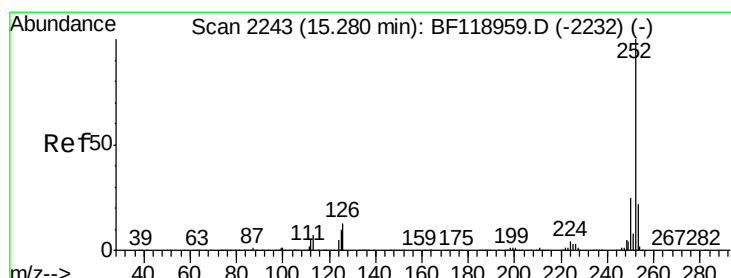
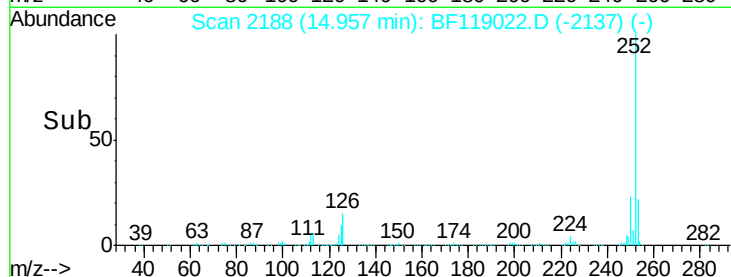
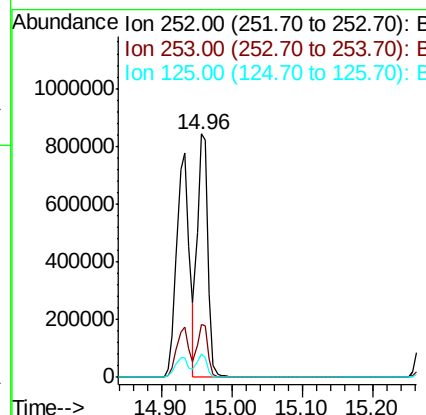
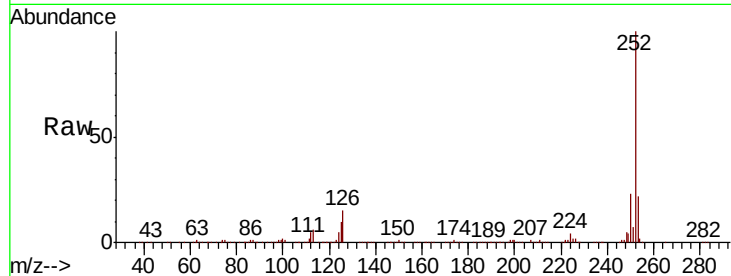
#89
Benzo(k)fluoranthene
Concen: 45.028 ng
RT: 14.96 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
PB127021BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	9.7	7.3	10.9

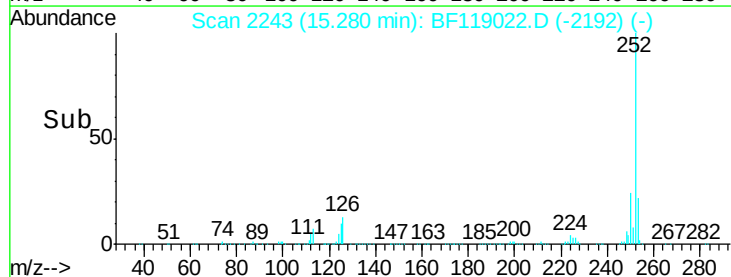
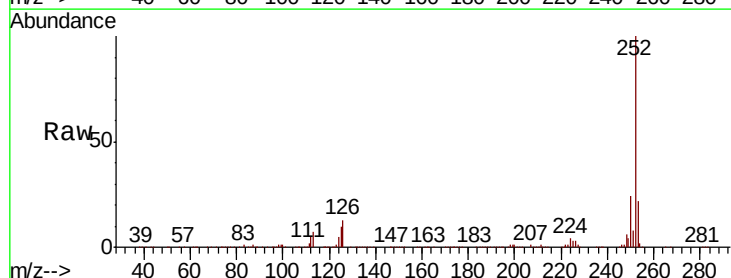
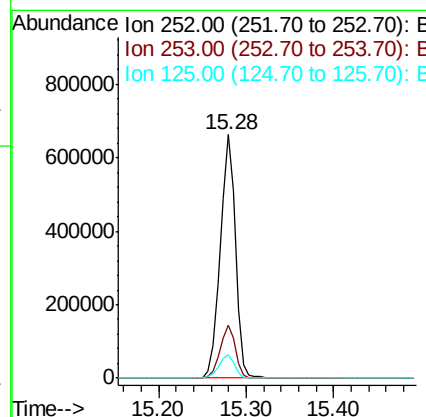
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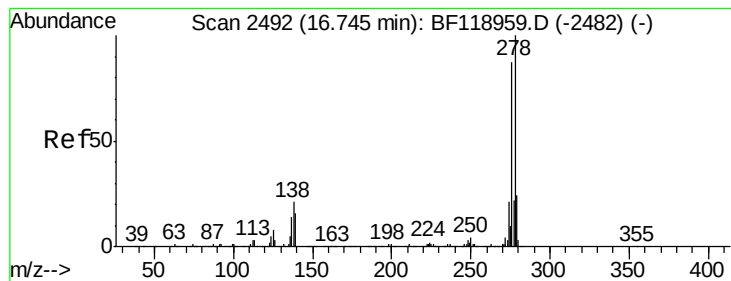
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#90
Benzo(a)pyrene
Concen: 41.344 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BF119022.D
Acq: 24 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	9.9	7.8	11.6





#91

Dibenzo(a,h)anthracene

Concen: 46.255 ng

RT: 16.76 min Scan# 2494

Delta R.T. 0.01 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Instrument :

BNA_F

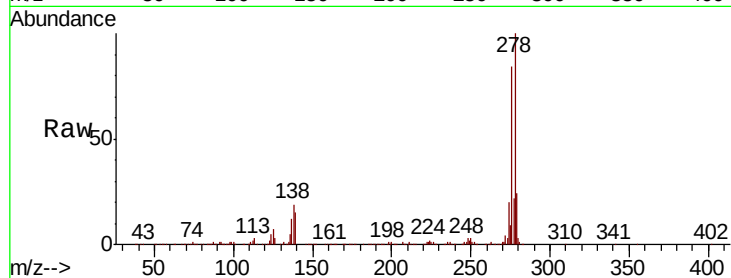
ClientSampleId :

PB127021BS

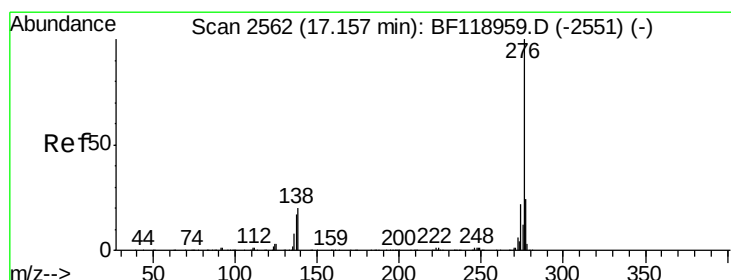
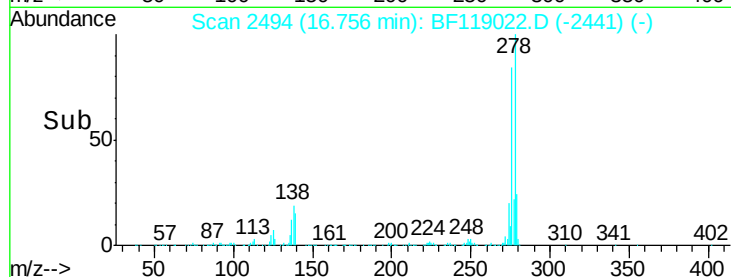
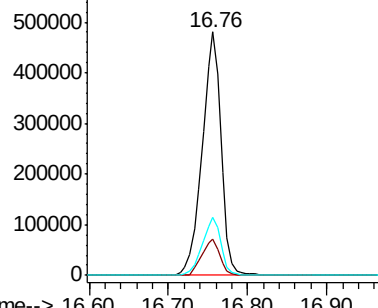
Tot Ion:	278	Resp:	790508
Ion Ratio	Lower	Upper	
278	100		
139	14.6	12.6	18.8
279	23.7	19.0	28.6

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



#92

Benzo(g,h,i)perylene

Concen: 48.054 ng

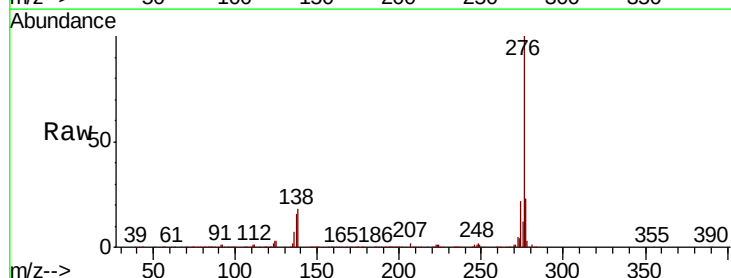
RT: 17.17 min Scan# 2565

Delta R.T. 0.02 min

Lab File: BF119022.D

Acq: 24 Feb 2020 14:40

Tgt Ion:	276	Resp:	811434
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.2	28.8
138	18.3	16.2	24.4



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

