

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119688.D
 Acq On : 2 Apr 2020 1:16
 Operator : MA/SJ
 Sample : PB127937BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BS

Manual Integrations
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mohammad
 4/3/2020 11:14:36 PM

Quant Time: Apr 02 02:56:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	221628	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	892093	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	468227	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	904528	20.00	ng	0.00
76) Chrysene-d12	13.99	240	645385	20.00	ng	-0.01
87) Perylene-d12	15.44	264	694473	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1153553	82.86	ng	0.01
7) Phenol-d6	6.44	99	1479577	83.19	ng	0.00
23) Nitrobenzene-d5	7.38	82	1301042	79.26	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	460123	95.25	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	2510581	79.43	ng	0.00
79) Terphenyl-d14	12.93	244	2861252	86.86	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.60	88	215070	31.278 ng	97
3) Pyridine	3.33	79	605677	31.973 ng	92
4) n-Nitrosodimethylamine	3.29	42	334724	36.234 ng	95
6) Aniline	6.47	93	934306	38.064 ng	96
8) 2-Chlorophenol	6.59	128	685993	46.914 ng	98
9) Benzaldehyde	6.36	77	382117	33.870 ng	99
10) Phenol	6.46	94	908915	47.897 ng	97
11) bis(2-Chloroethyl)ether	6.55	93	660633	43.528 ng	98
12) 1,3-Dichlorobenzene	6.75	146	683158	43.168 ng	98
13) 1,4-Dichlorobenzene	6.83	146	693004	43.779 ng	98
14) 1,2-Dichlorobenzene	6.99	146	648321	43.817 ng	97
15) Benzyl Alcohol	6.95	79	571068	42.687 ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1182945	38.641 ng	98
17) 2-Methylphenol	7.07	107	564646	42.146 ng	97
18) Hexachloroethane	7.33	117	260563	44.916 ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	474754	44.288 ng	97
20) 3+4-Methylphenols	7.22	107	686278	41.798 ng	# 80
22) Acetophenone	7.22	105	894809	41.978 ng	# 89
24) Nitrobenzene	7.40	77	722348	41.178 ng	95
25) Isophorone	7.64	82	1359059	40.816 ng	99
26) 2-Nitrophenol	7.71	139	371182	53.740 ng	94
27) 2,4-Dimethylphenol	7.75	122	604353	42.316 ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	862050	43.782 ng	100
29) 2,4-Dichlorophenol	7.95	162	581149	44.286 ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	610127	42.041 ng	98
31) Naphthalene	8.12	128	1956142	42.610 ng	99
32) Benzoic acid	7.87	122	444700	48.406 ng	92
33) 4-Chloroaniline	8.17	127	672990	31.992 ng	97
34) Hexachlorobutadiene	8.24	225	346905	42.723 ng	98
35) Caprolactam	8.54	113	194479m	45.283 ng	
36) 4-Chloro-3-methylphenol	8.65	107	642998	44.831 ng	100
37) 2-Methylnaphthalene	8.82	142	1352795	44.900 ng	99
38) 1-Methylnaphthalene	8.91	142	1291185	45.277 ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	569946	41.529 ng	98

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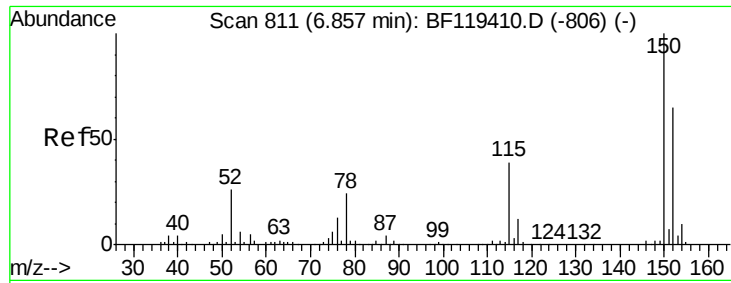
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Quant Time: Apr 02 02:56:19 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	704284	90.266	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	441554	44.959	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	473738	43.059	ng	97
46) 1,1'-Biphenyl	9.28	154	1620976	42.506	ng	99
47) 2-Chloronaphthalene	9.30	162	1272798	42.609	ng	99
48) 2-Nitroaniline	9.40	65	471423	45.723	ng	93
49) Acenaphthylene	9.72	152	2028142	43.236	ng	97
50) Dimethylphthalate	9.58	163	1521823	45.758	ng	99
51) 2,6-Dinitrotoluene	9.64	165	350834	49.214	ng	93
52) Acenaphthene	9.89	154	1400064	47.876	ng	99
53) 3-Nitroaniline	9.81	138	309040	34.338	ng	93
54) 2,4-Dinitrophenol	9.92	184	342365	108.173	ng	92
55) Dibenzofuran	10.06	168	1825031	43.528	ng	100
56) 4-Nitrophenol	9.97	139	598782	84.338	ng	95
57) 2,4-Dinitrotoluene	10.05	165	463509	51.614	ng	95
58) Fluorene	10.41	166	1396975	45.056	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	389543	47.367	ng	99
60) Diethylphthalate	10.28	149	1564053	46.335	ng	100
61) 4-Chlorophenyl-phenylether	10.40	204	670250	44.206	ng	99
62) 4-Nitroaniline	10.43	138	387912	44.948	ng	95
63) Azobenzene	10.56	77	1492915	43.920	ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	240131	63.310	ng	87
66) n-Nitrosodiphenylamine	10.52	169	1309295	44.093	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	453190	43.993	ng	# 90
68) Hexachlorobenzene	10.96	284	485100	46.010	ng	# 92
69) Atrazine	11.05	200	407226	50.024	ng	98
70) Pentachlorophenol	11.15	266	526246	85.124	ng	98
71) Phenanthrene	11.37	178	2055603	43.827	ng	99
72) Anthracene	11.42	178	2114347	44.355	ng	99
73) Carbazole	11.57	167	1962453	41.593	ng	99
74) Di-n-butylphthalate	11.91	149	2395450	47.460	ng	100
75) Fluoranthene	12.56	202	2223022	43.795	ng	99
77) Benzidine	12.68	184	1510546	55.305	ng	99
78) Pyrene	12.79	202	2254529	42.565	ng	99
80) Butylbenzylphthalate	13.41	149	1012397	47.259	ng	100
81) Benzo(a)anthracene	13.97	228	1774446	42.281	ng	100
82) 3,3'-Dichlorobenzidine	13.94	252	532031	32.151	ng	100
83) Chrysene	14.02	228	1860199	42.948	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1310334	51.311	ng	99
85) Di-n-octyl phthalate	14.58	149	2352099	52.370	ng	98
86) Indeno(1,2,3-cd)pyrene	16.89	276	2058017	50.451	ng	99
88) Benzo(b)fluoranthene	15.02	252	1981113	42.705	ng	98
89) Benzo(k)fluoranthene	15.05	252	1848861	41.855	ng	98
90) Benzo(a)pyrene	15.38	252	1772956	42.054	ng	99
91) Dibenzo(a,h)anthracene	16.92	278	1677005	45.478	ng	99
92) Benzo(g,h,i)perylene	17.34	276	1693341	45.709	ng	98

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



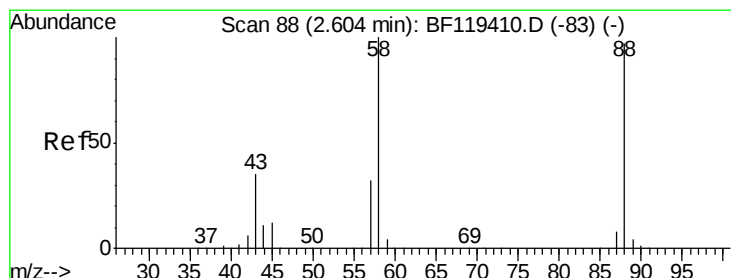
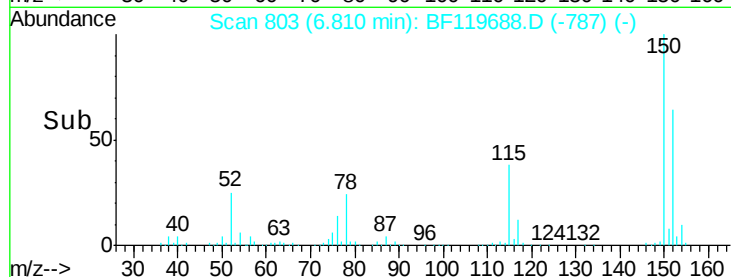
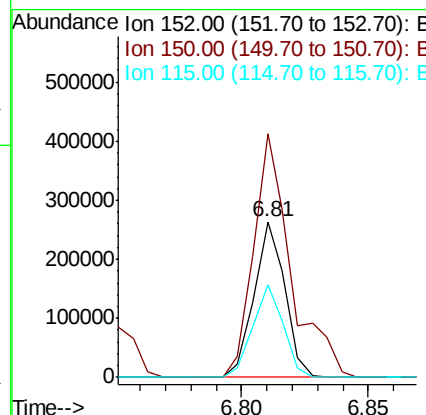
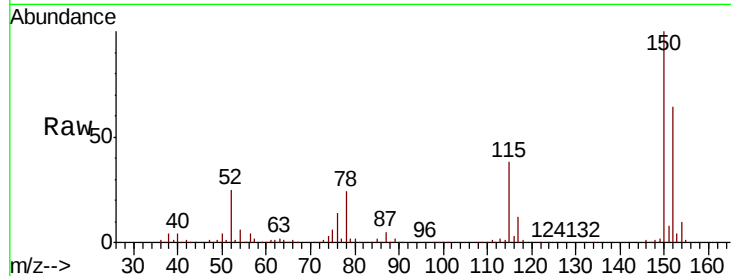
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Instrument :
 BNA_F
 ClientSampleID :
 PB127937BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.5	186.7
115	59.8	49.6	74.4

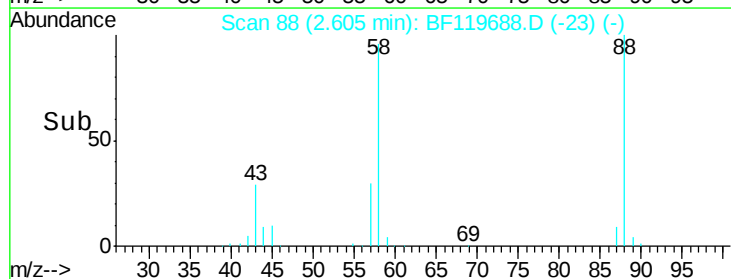
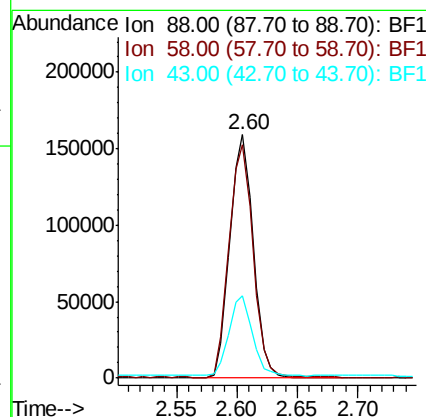
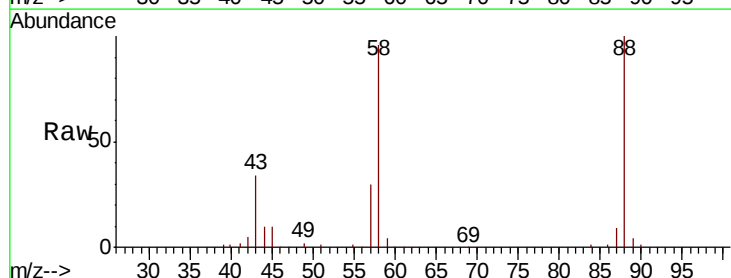
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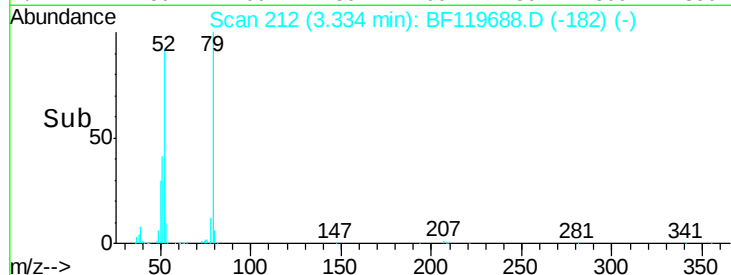
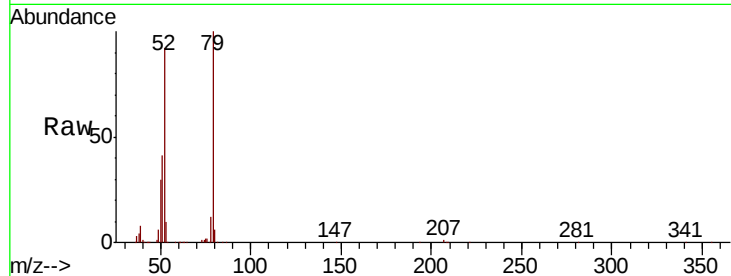
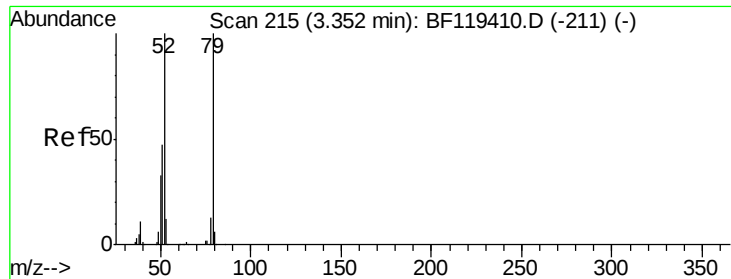
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#2
 1,4-Dioxane
 Concen: 31.278 ng
 RT: 2.60 min Scan# 88
 Delta R.T. 0.08 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.0	80.6	121.0
43	33.1	27.5	41.3





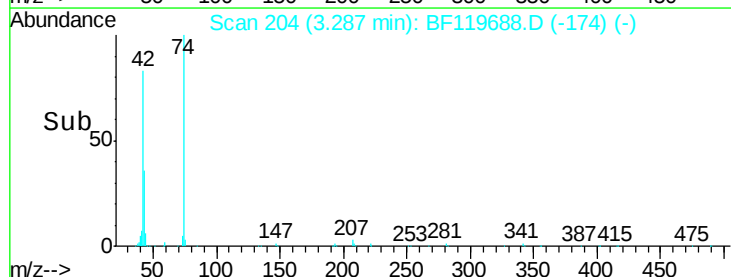
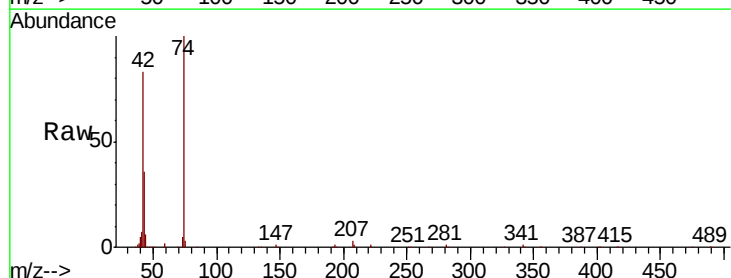
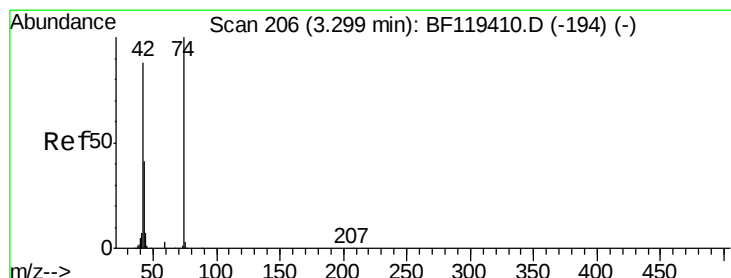
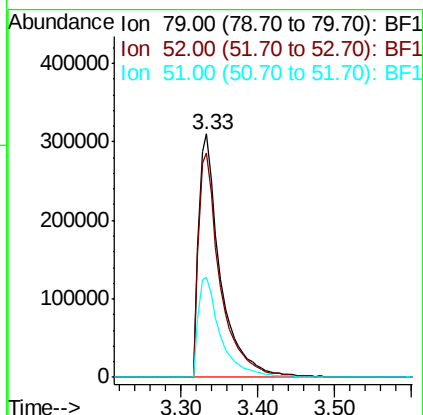
#3
Pvridine
Concen: 31.973 ng
RT: 3.33 min Scan# 212
Delta R.T. 0.08 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tot Ion	Ratio	Lower	Upper
79	100		
52	92.2	80.2	120.2
51	41.4	37.7	56.5

Instrument :
BNA_F
ClientSampleId :
PB127937BS

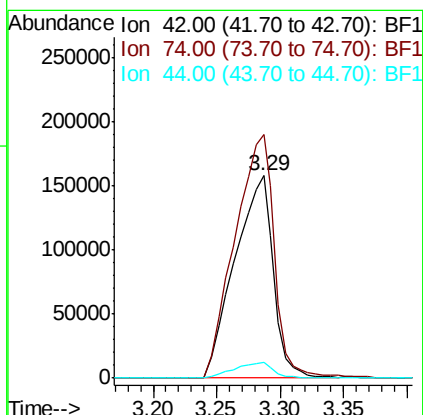
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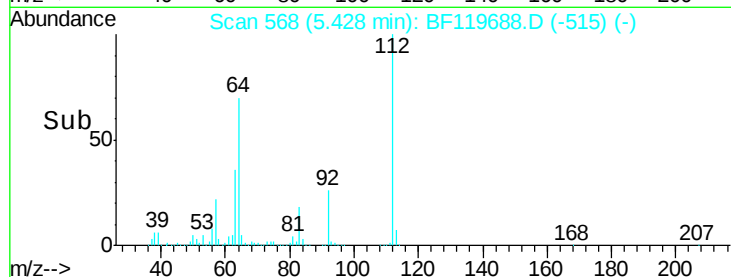
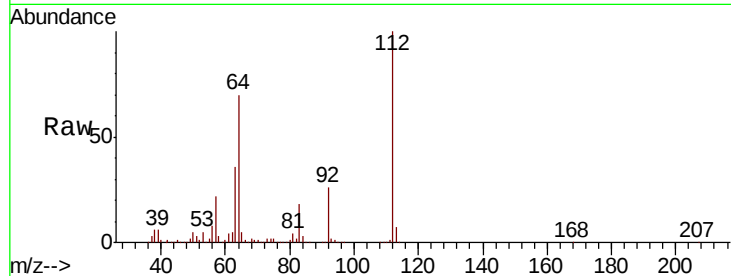
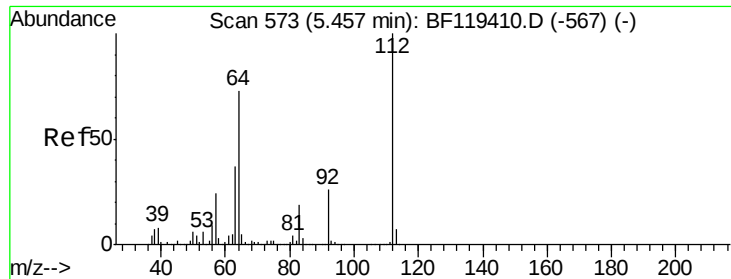
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#4
n-Nitrosodimethylamine
Concen: 36.234 ng
RT: 3.29 min Scan# 204
Delta R.T. 0.08 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	120.5	91.5	137.3
44	7.7	6.2	9.4





#5

2-Fluorophenol

Concen: 82.857 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Tot Ion:	112	Resp:	1153553
Ion	Ratio	Lower	Upper
112	100		
64	69.7	56.7	85.1
63	35.6	29.5	44.3

Instrument :

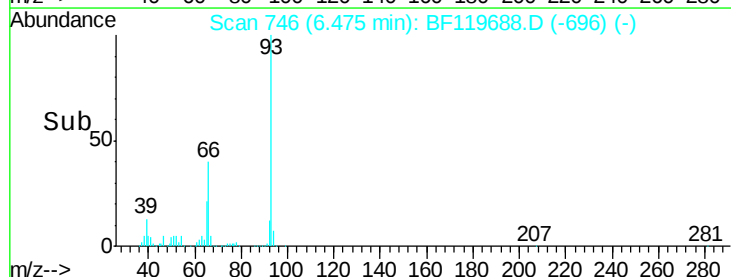
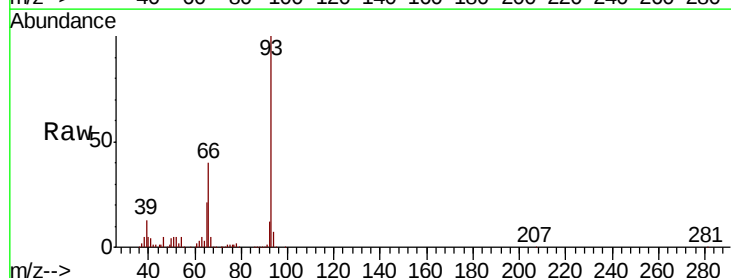
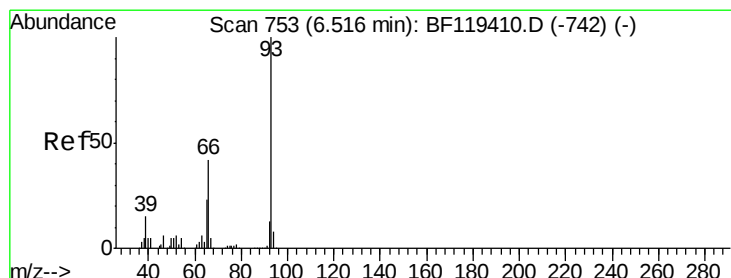
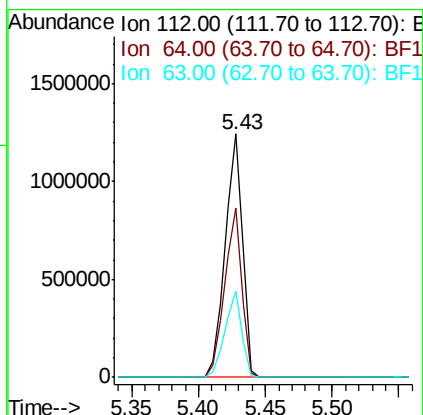
BNA_F

ClientSampleId :

PB127937BS

Manual Integrations
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#6

Aniline

Concen: 38.064 ng

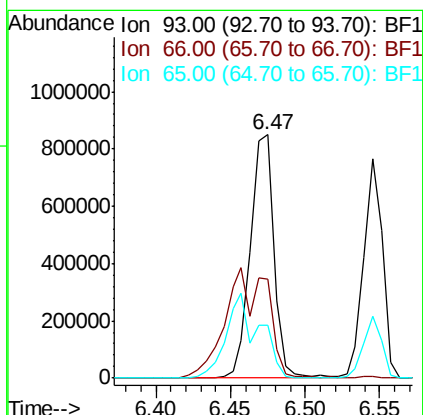
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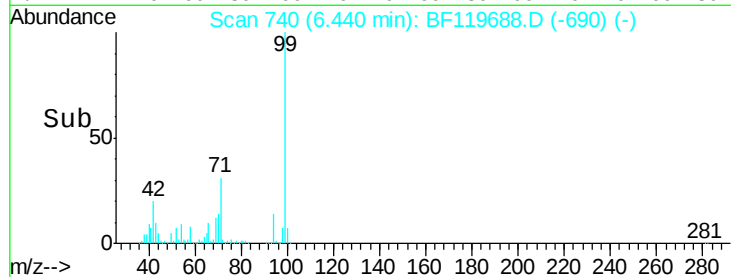
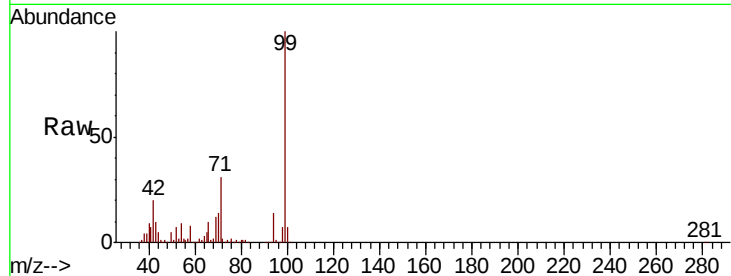
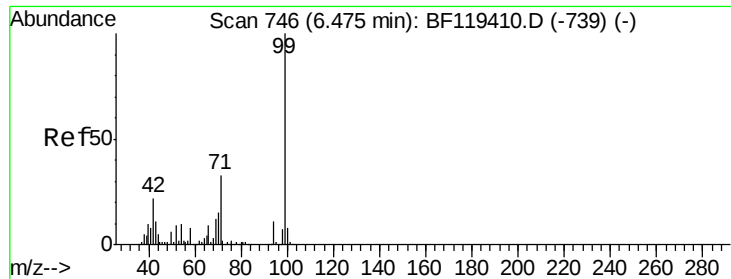
Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Tgt Ion:	93	Resp:	934306
Ion	Ratio	Lower	Upper
93	100		
66	40.4	34.9	52.3
65	21.5	18.6	27.8





#7

Phenol-d6

Concen: 83.194 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Tot Ion: 99 Resp: 1479577

Ion Ratio Lower Upper

99 100

42 19.7 16.6 24.8

71 31.3 26.4 39.6

Instrument :

BNA_F

ClientSampled :

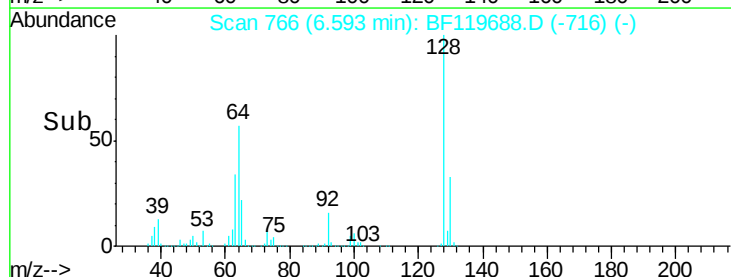
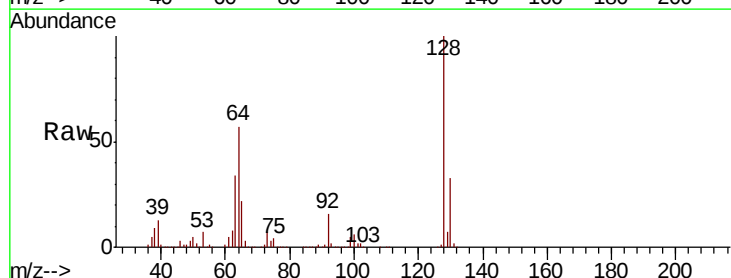
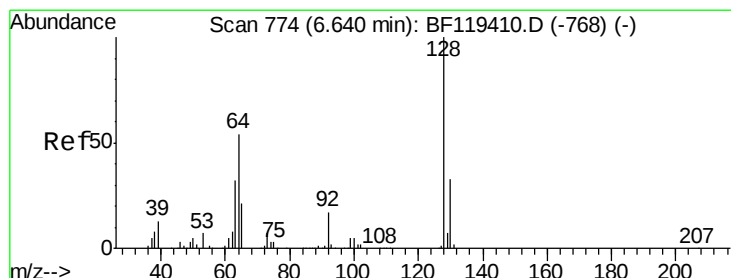
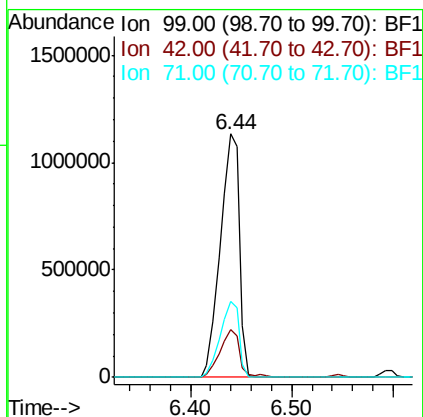
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#8

2-Chlorophenol

Concen: 46.914 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

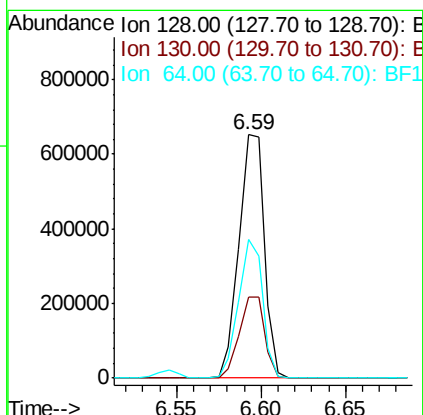
Tgt Ion: 128 Resp: 685993

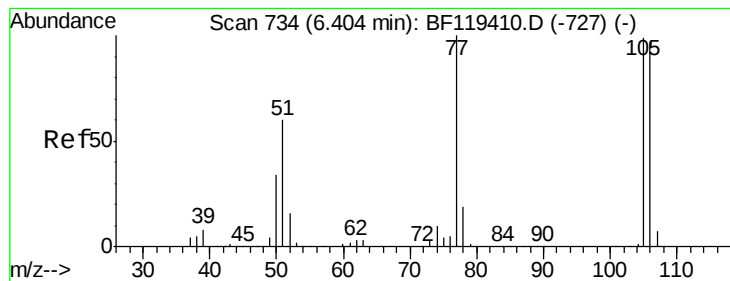
Ion Ratio Lower Upper

128 100

130 33.2 12.6 52.6

64 57.0 35.3 75.3





#9

Benzaldehyde

Concen: 33.870 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Instrument :

BNA_F

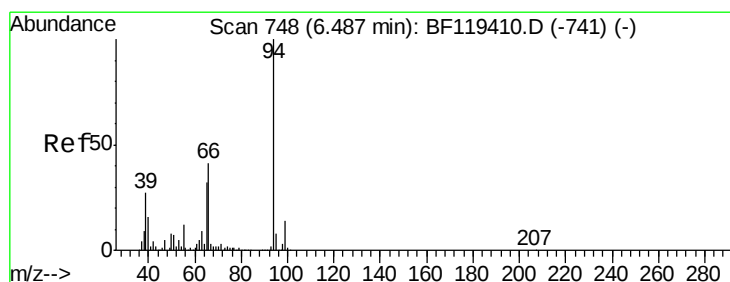
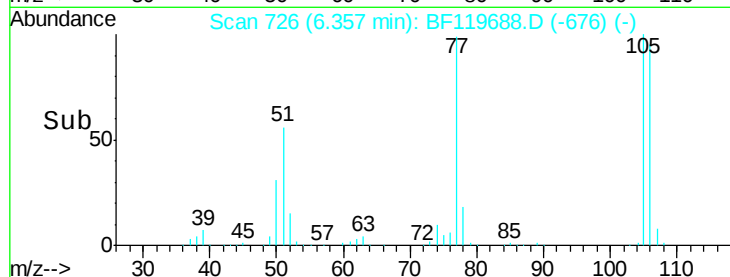
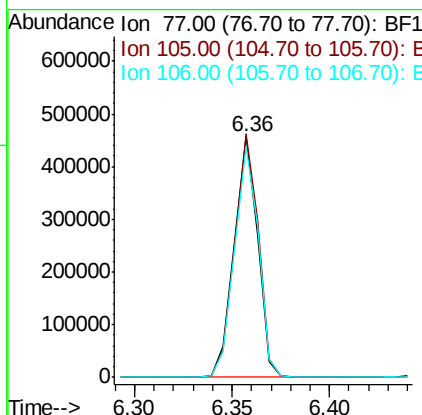
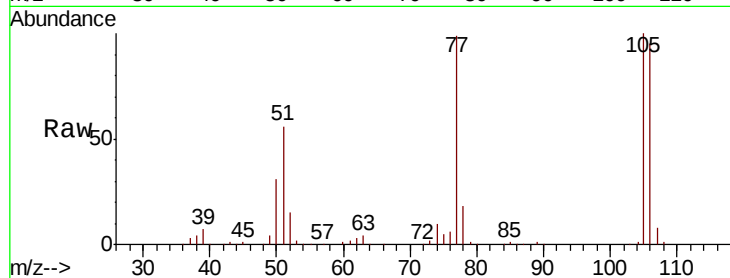
ClientSampleId :

PB127937BS

Tot Ion:	77	Resp:	382117
Ion Ratio	Lower	Upper	
77	100		
105	101.2	80.9	120.9
106	95.9	77.9	117.9

Manual Integrations
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#10

Phenol

Concen: 47.897 ng

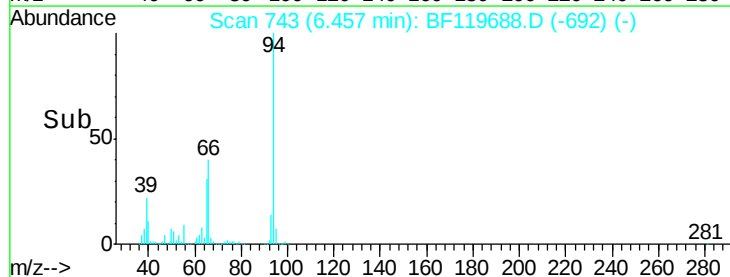
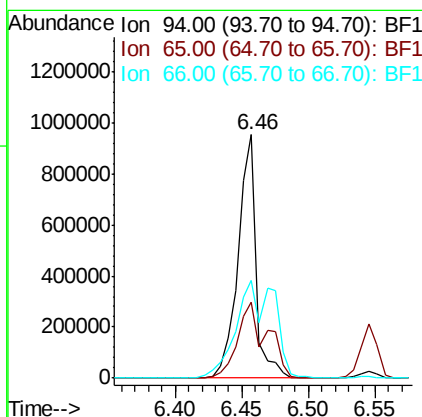
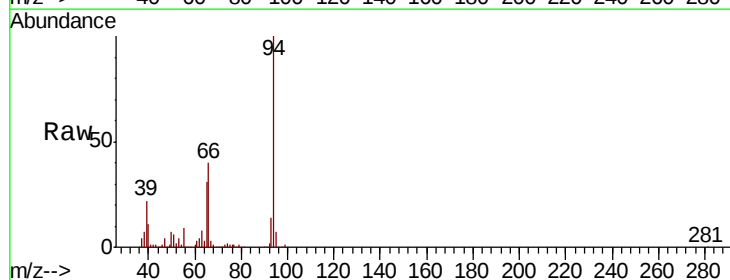
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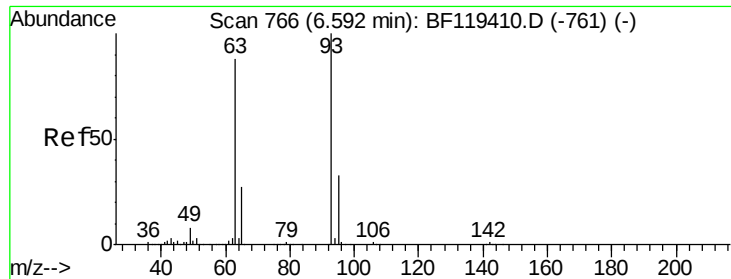
Delta R.T. 0.00 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Tgt Ion:	94	Resp:	908915
Ion Ratio	Lower	Upper	
94	100		
65	31.2	13.2	53.2
66	40.3	22.3	62.3





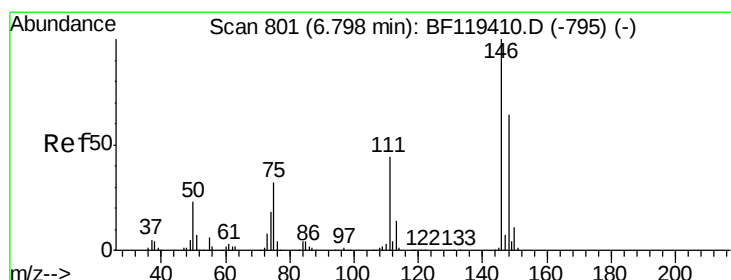
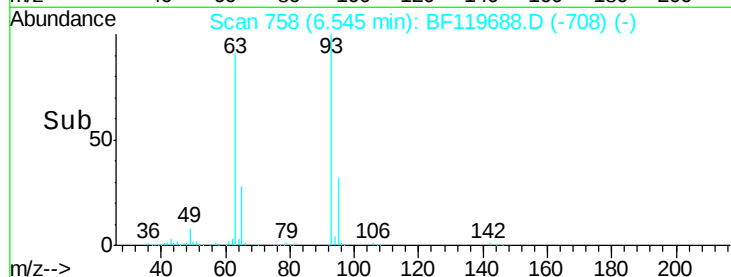
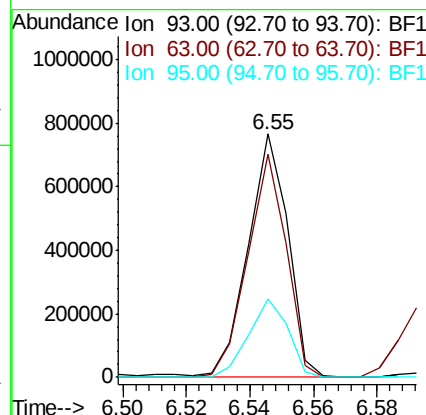
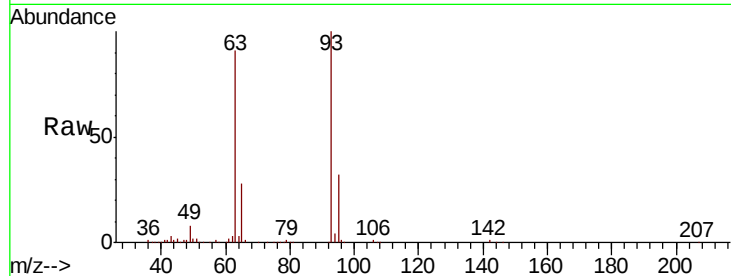
#11
bis(2-Chloroethyl)ether
Concen: 43.528 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Instrument :
BNA_F
ClientSampleId :
PB127937BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	660633		
63	91.5	70.2	110.2	
95	32.3	13.4	53.4	

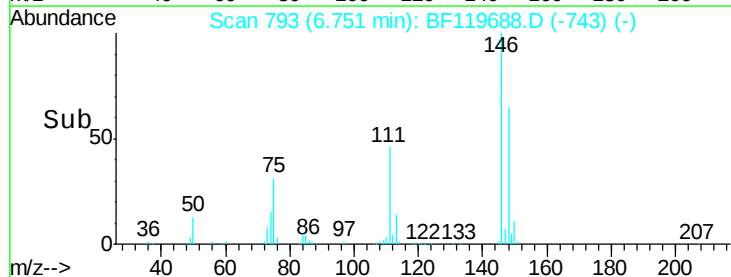
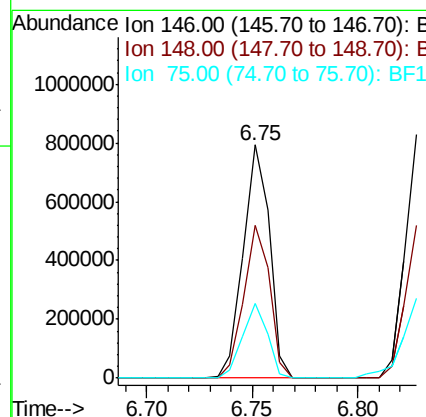
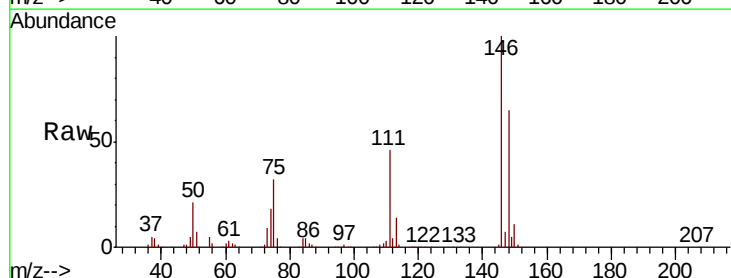
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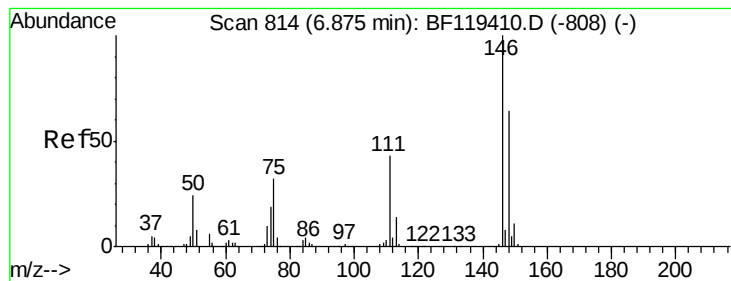
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.168 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	683158		
148	65.3	52.2	78.4	
75	32.0	23.0	34.4	





#13

1,4-Dichlorobenzene

Concen: 43.779 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Instrument :

BNA_F

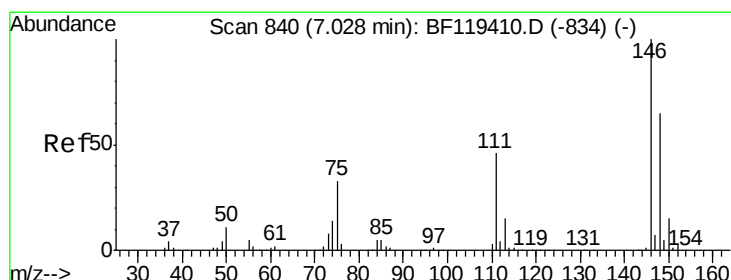
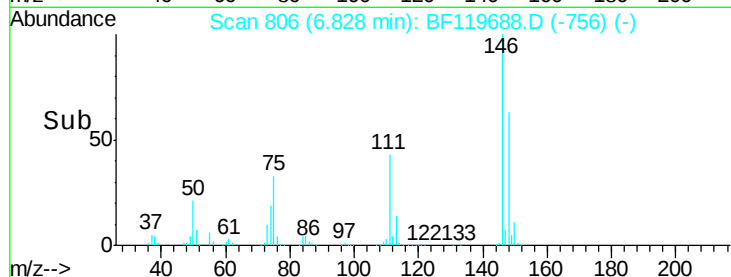
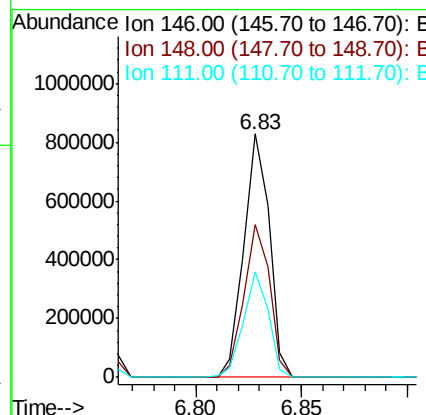
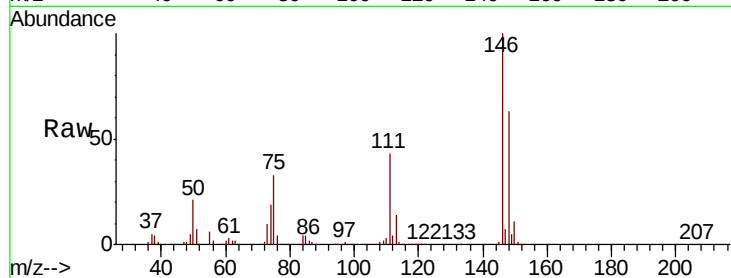
ClientSampleId :

PB127937BS

Tot Ion:	146	Resp:	693004
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.5	77.3
111	43.1	33.3	49.9

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#14

1,2-Dichlorobenzene

Concen: 43.817 ng

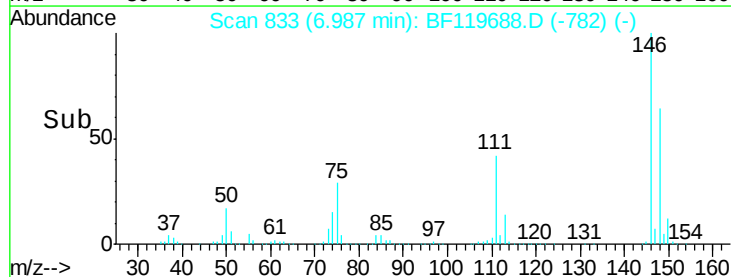
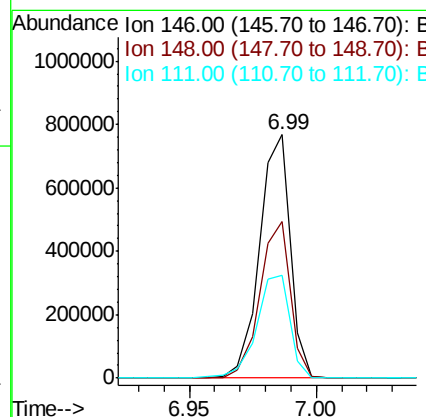
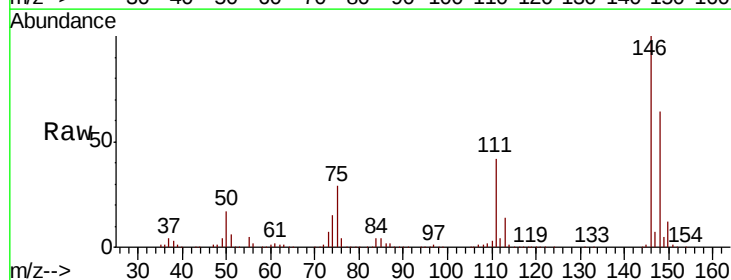
RT: 6.99 min Scan# 833

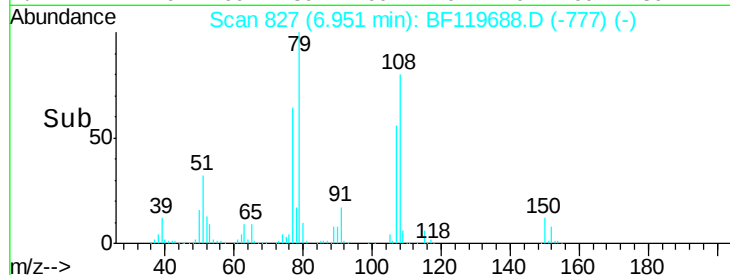
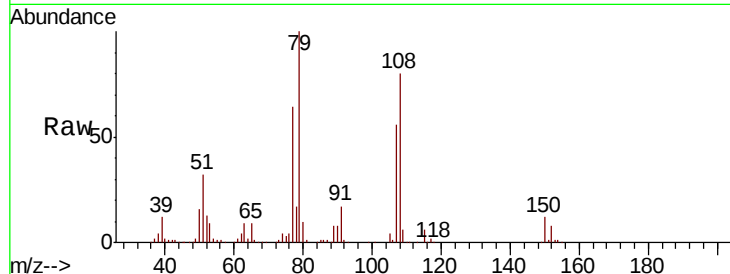
Delta R.T. 0.00 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Tgt Ion:	146	Resp:	648321
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.6	75.8
111	42.4	36.1	54.1





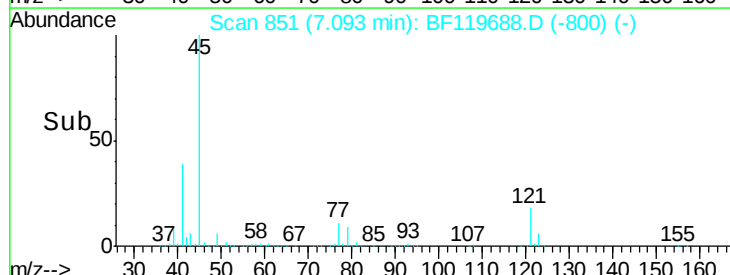
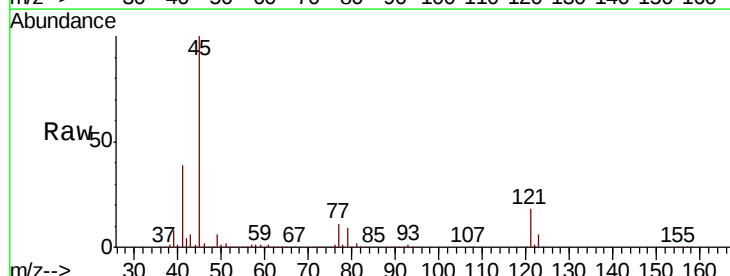
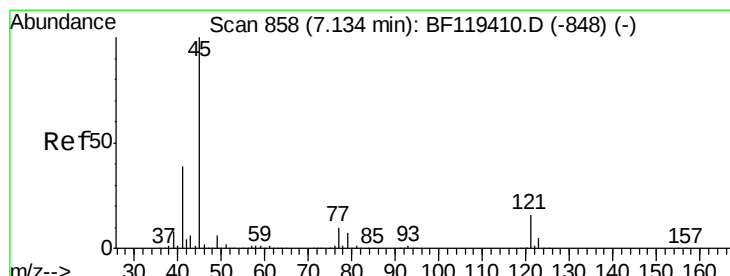
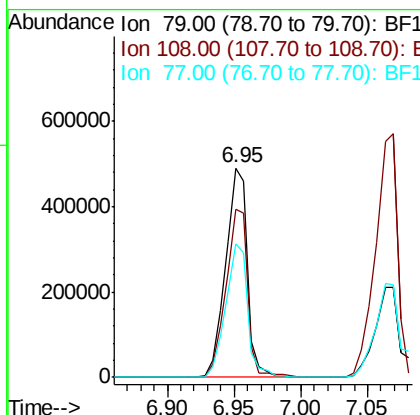
#15
Benzyl Alcohol
Concen: 42.687 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.3	60.6	90.8
77	63.7	50.2	75.2

Instrument :
BNA_F
ClientSampleId :
PB127937BS

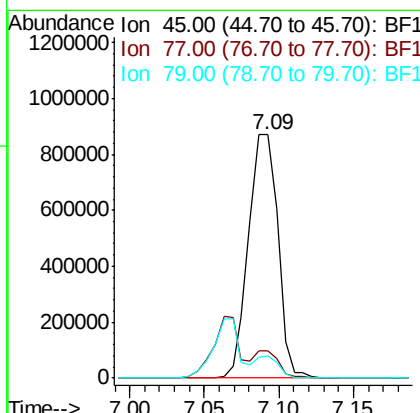
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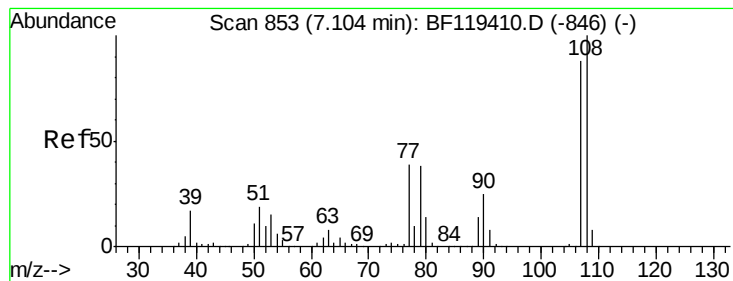
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.641 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	30.7
79	8.9	0.0	28.2





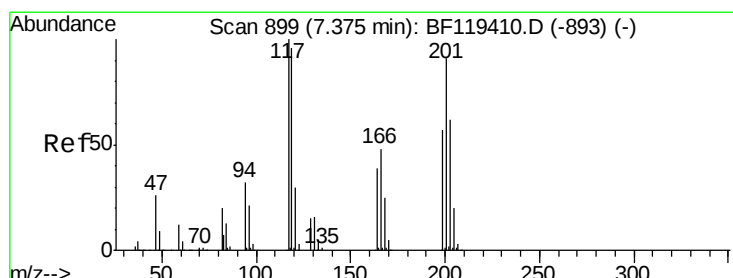
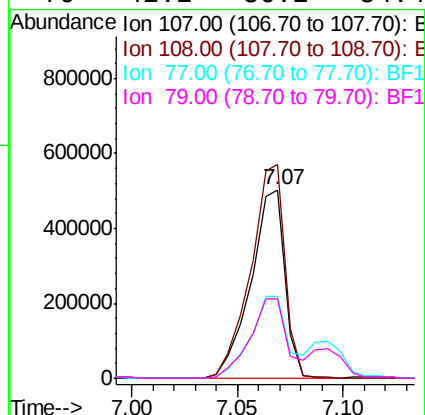
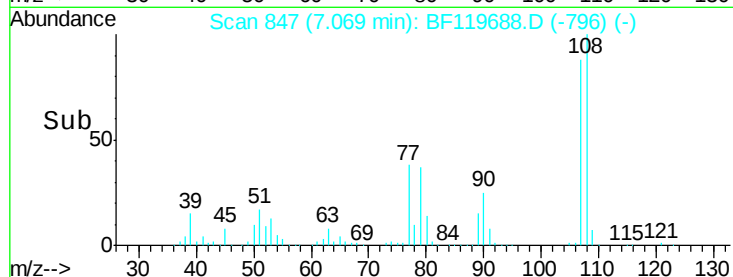
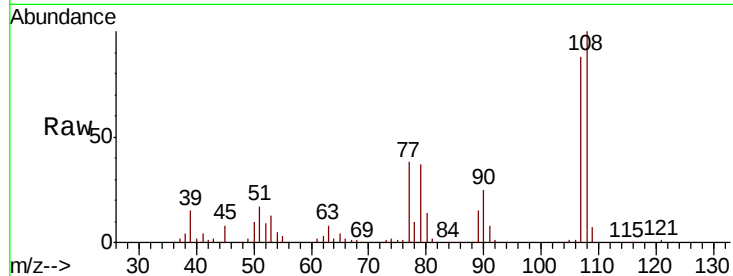
#17
2-Methylphenol
Concen: 42.146 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Instrument :
BNA_F
ClientSampleId :
PB127937BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.4	92.2	138.4	
77	43.2	36.6	54.8	
79	42.2	36.2	54.4	

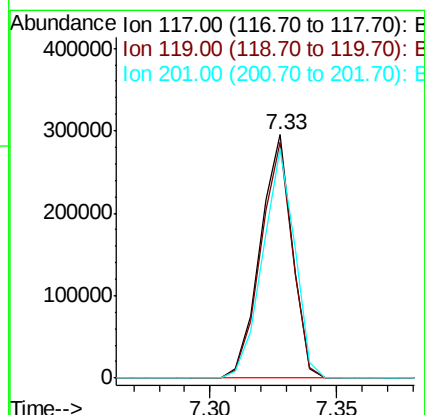
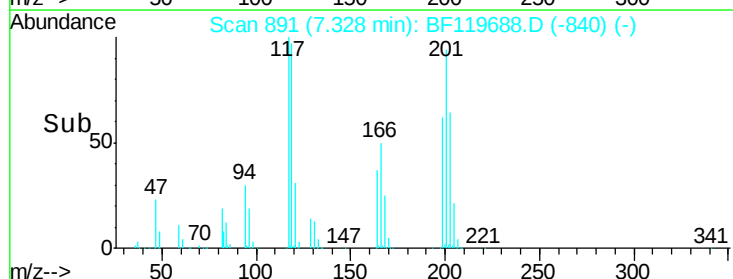
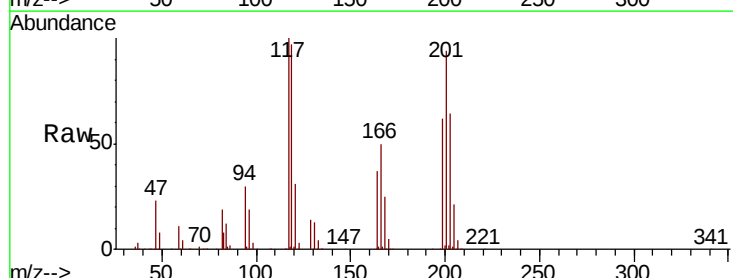
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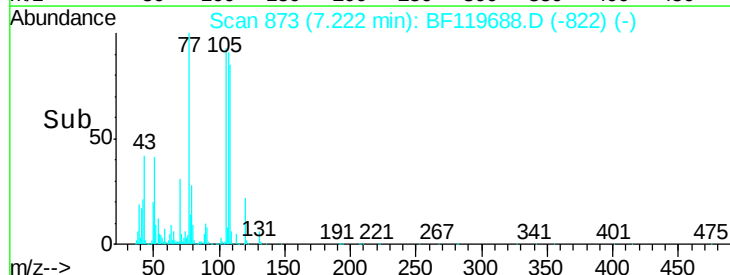
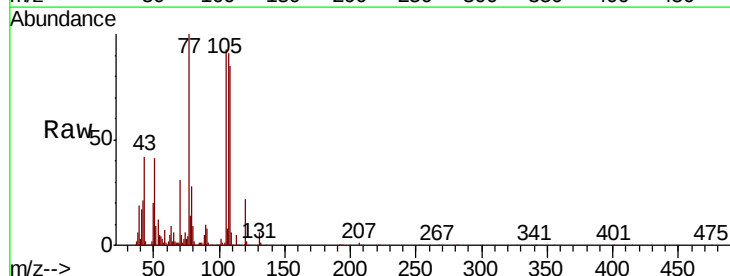
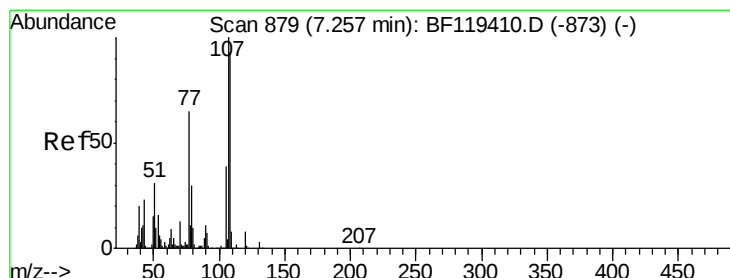
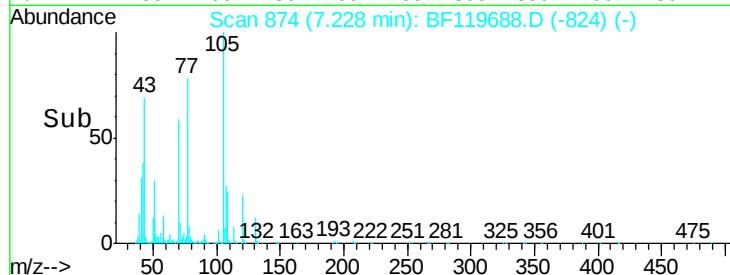
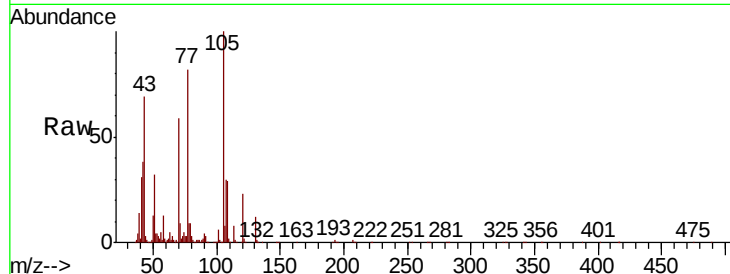
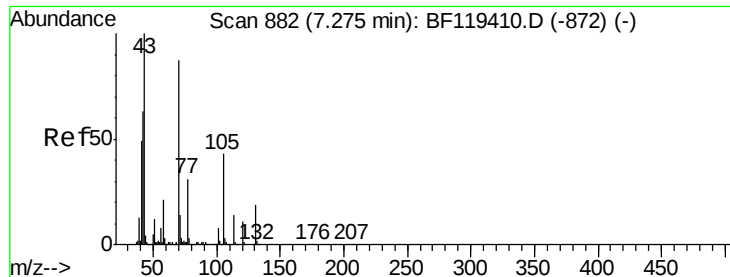
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#18
Hexachloroethane
Concen: 44.916 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

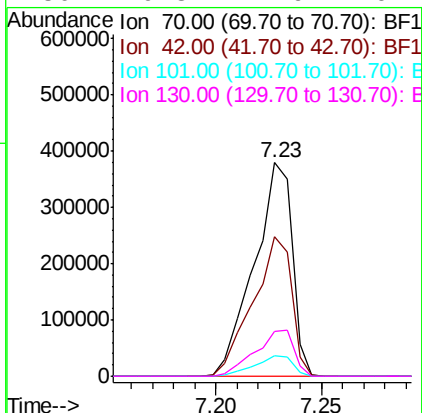
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	76.1	114.1	
201	94.5	73.0	109.6	





#19
n-Nitroso-di-n-propylamine
Concen: 44.288 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.2	54.5	81.7
101	9.4	7.6	11.4
130	20.8	17.6	26.4



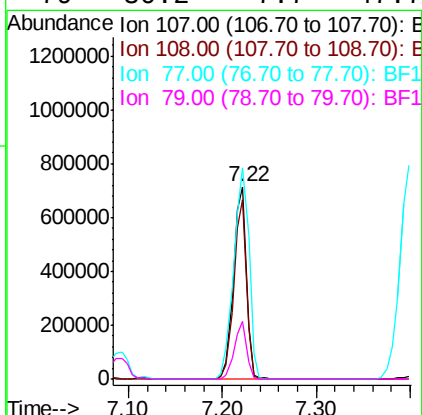
Instrument :
BNA_F
ClientSampleId :
PB127937BS

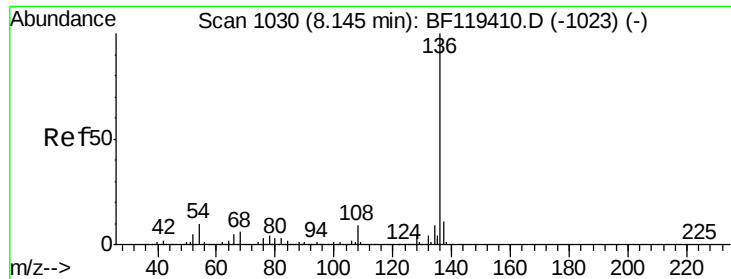
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#20
3+4-Methylphenols
Concen: 41.798 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.3	67.9	107.9
77	109.8	52.9	92.9#
79	30.2	7.7	47.7





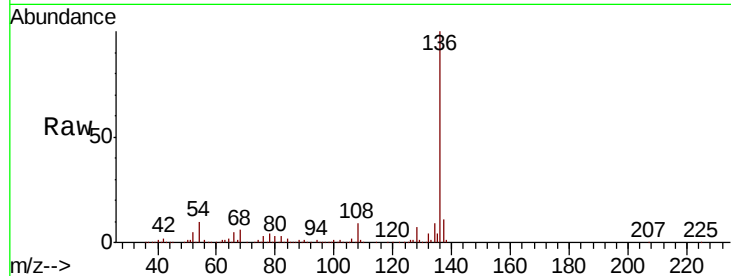
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Instrument :
BNA_F
ClientSampleId :
PB127937BS

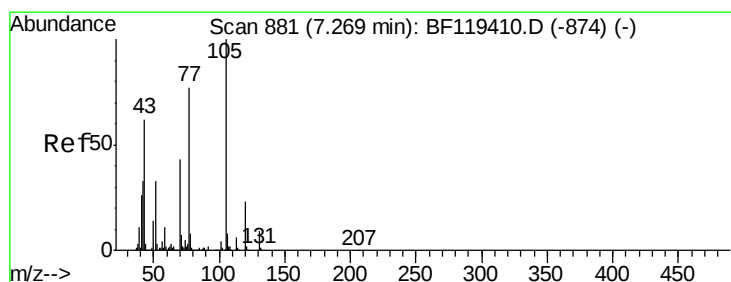
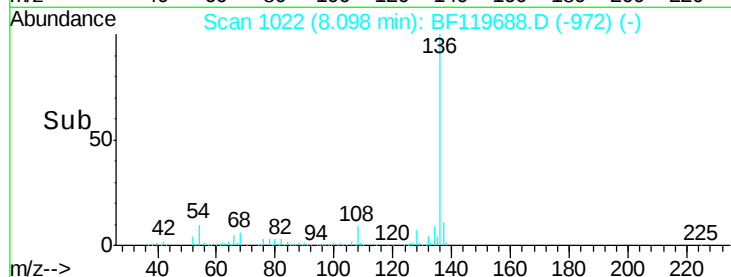
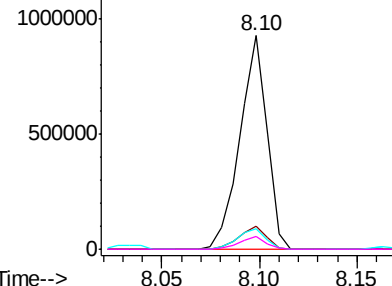
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		892093		
137	11.0	8.7	13.1		
54	9.7	9.1	13.7		
68	5.9	4.6	6.8		

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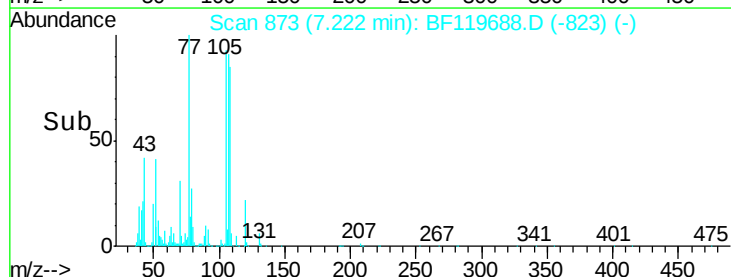
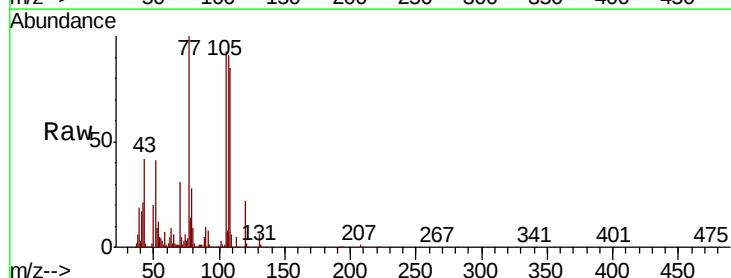
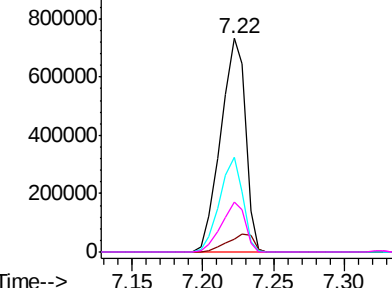
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

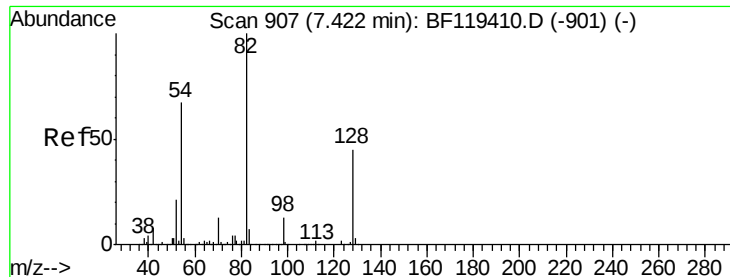


#22
Acetophenone
Concen: 41.978 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		894809		
71	5.8	5.7	8.5		
51	44.4	26.2	39.4		
120	23.1	18.3	27.5		

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





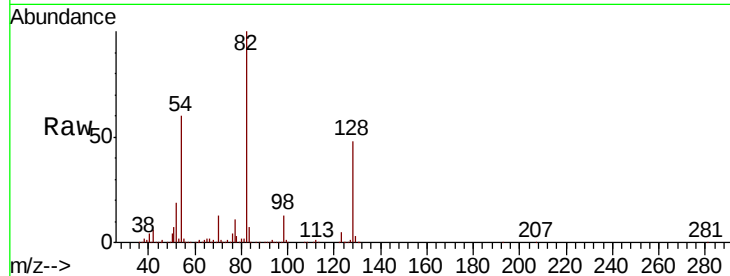
#23
Nitrobenzene-d5
Concen: 79.262 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Instrument :
BNA_F
ClientSampleId :
PB127937BS

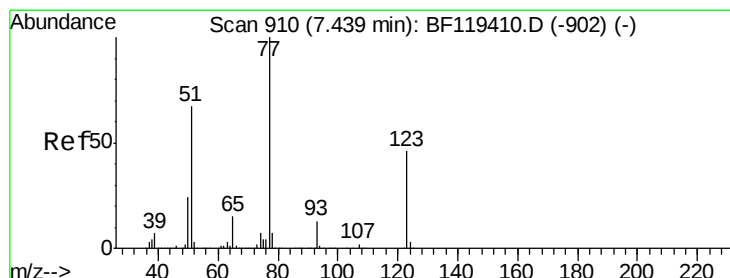
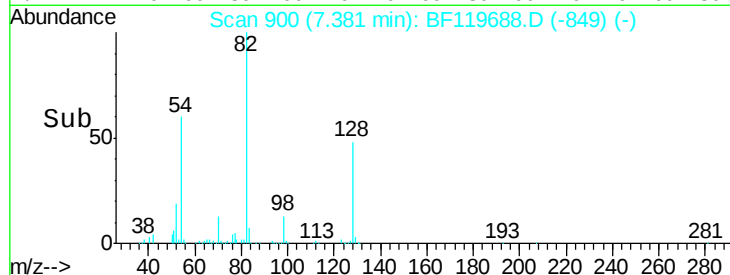
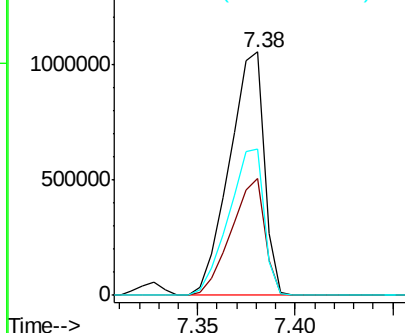
Tot Ion: 82 Resp: 1301042
Ion Ratio Lower Upper
82 100
128 48.1 36.3 54.5
54 59.9 50.6 75.8

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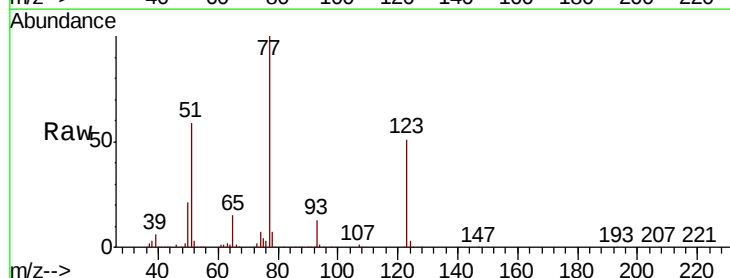


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

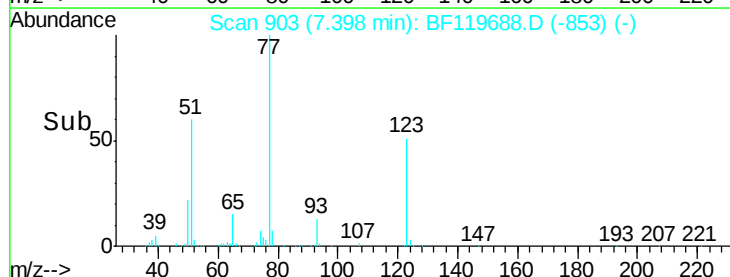
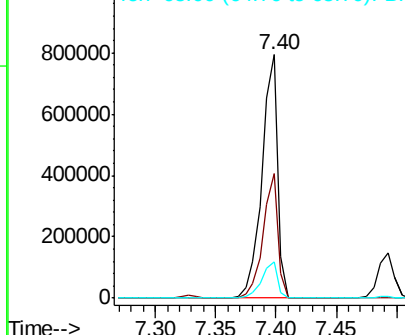


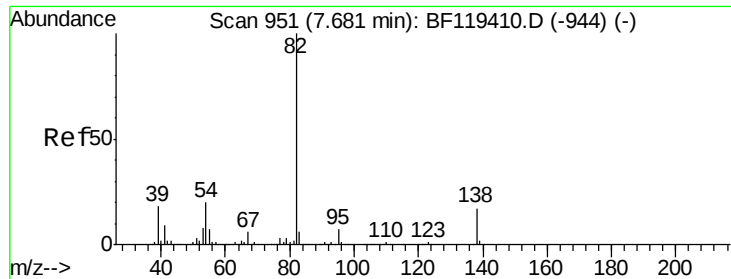
#24
Nitrobenzene
Concen: 41.178 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion: 77 Resp: 722348
Ion Ratio Lower Upper
77 100
123 51.1 38.0 57.0
65 14.7 12.6 18.8



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





#25

Isophorone

Concen: 40.816 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Instrument :

BNA_F

ClientSampleId :

PB127937BS

Tot Ion: 82 Resp: 1359059

Ion Ratio Lower Upper

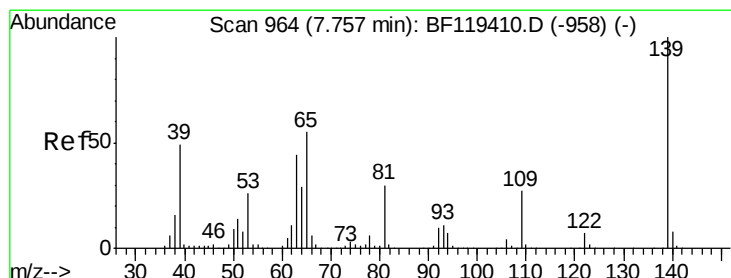
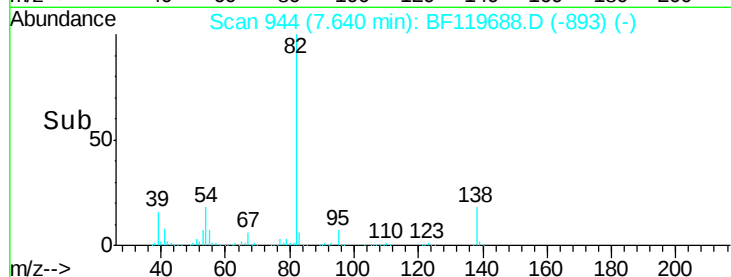
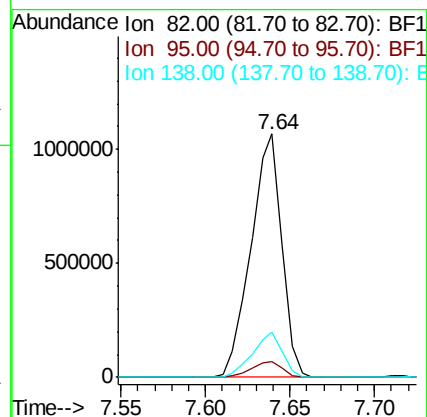
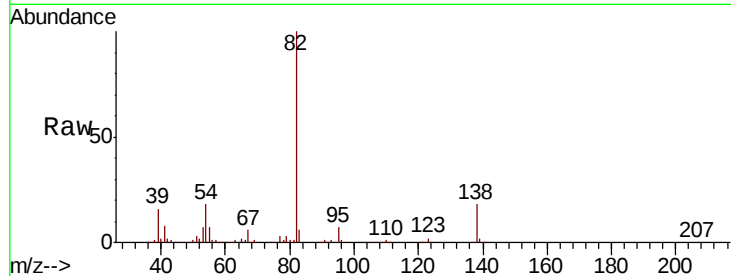
82 100

95 6.5 5.8 8.6

138 18.3 14.6 21.8

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#26

2-Nitrophenol

Concen: 53.740 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

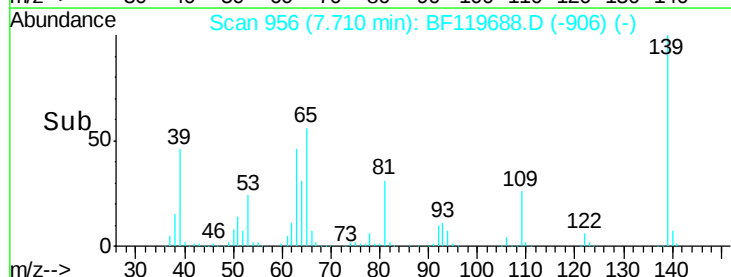
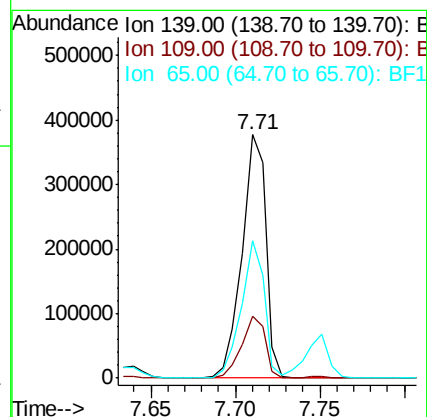
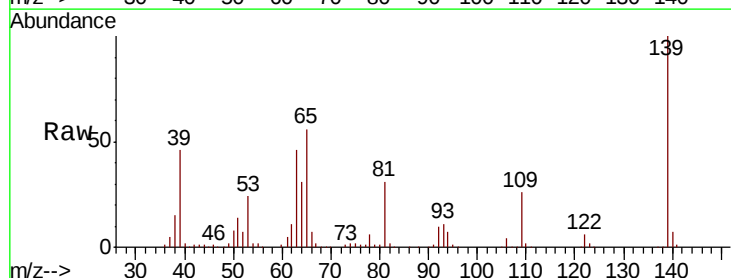
Tgt Ion: 139 Resp: 371182

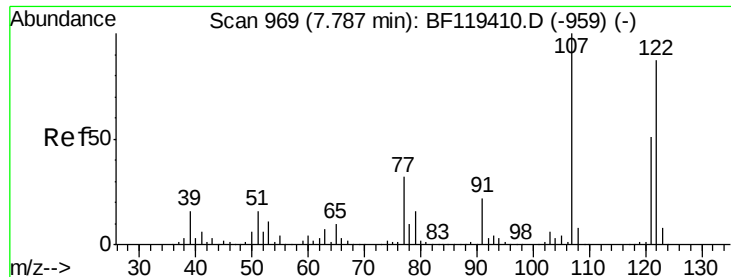
Ion Ratio Lower Upper

139 100

109 25.6 22.1 33.1

65 56.4 49.2 73.8





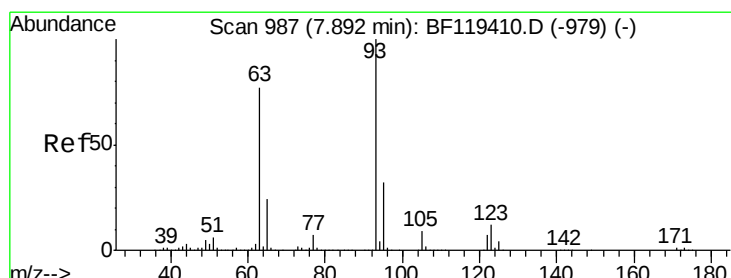
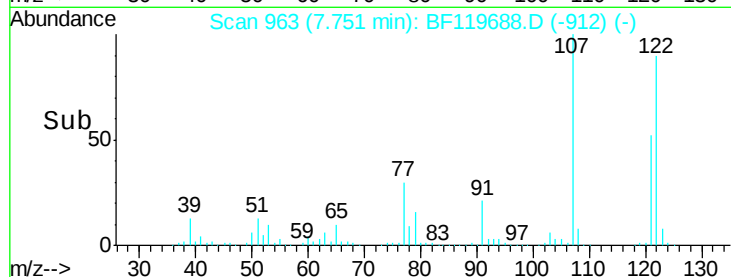
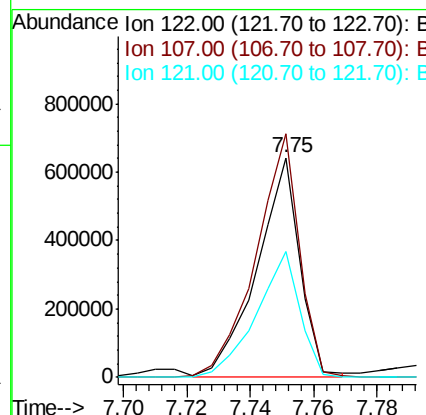
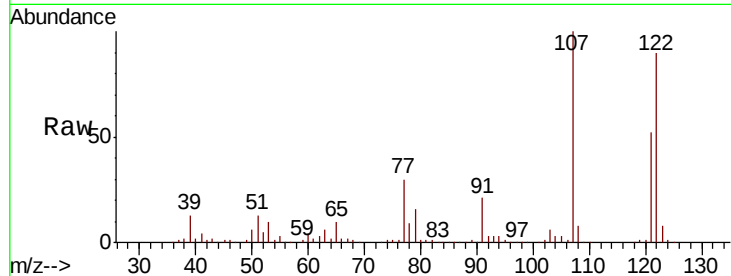
#27
2,4-Dimethylphenol
Concen: 42.316 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Instrument :
BNA_F
ClientSampleId :
PB127937BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.7	89.0	133.6
121	57.3	46.7	70.1

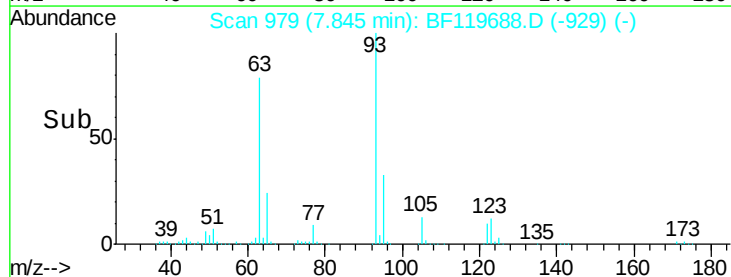
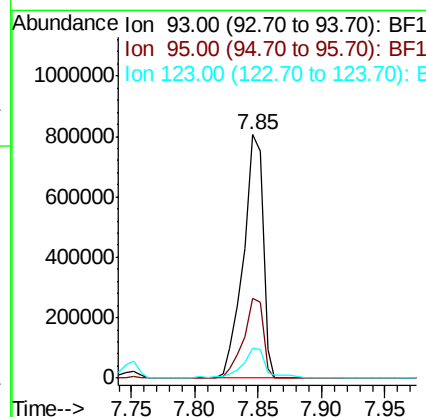
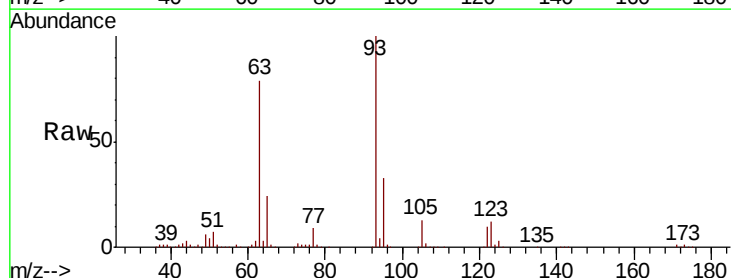
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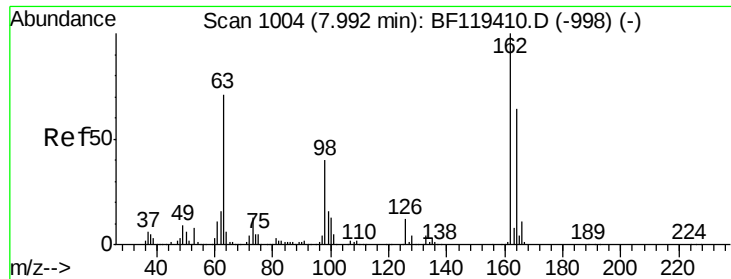
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 43.782 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	12.3	9.7	14.5





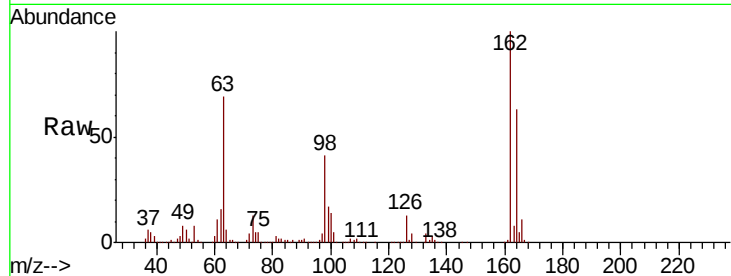
#29
 2,4-Dichlorophenol
 Concen: 44.286 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BS

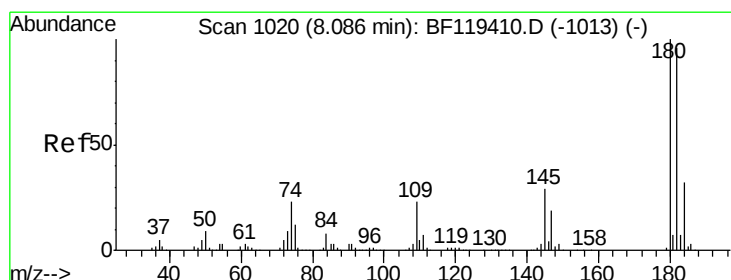
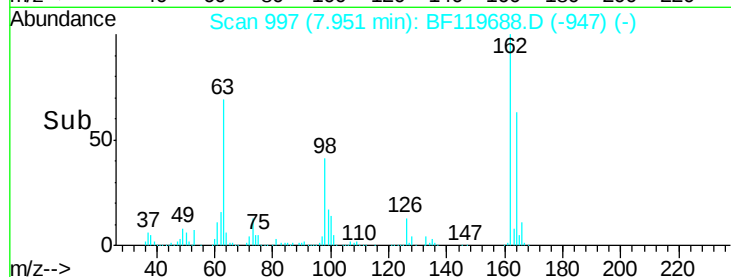
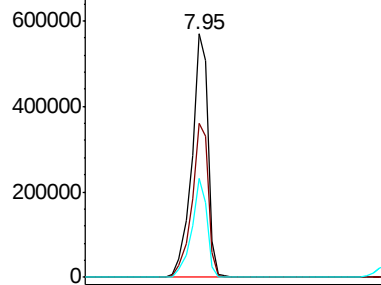
Tot Ion	Ratio	Resp	Lower	Upper
162	100	581149		
164	63.4	44.7	84.7	
98	40.7	20.7	60.7	

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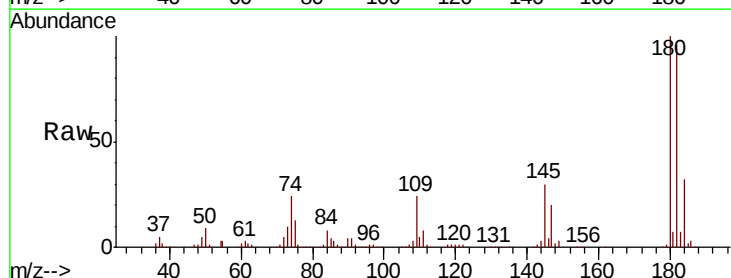


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

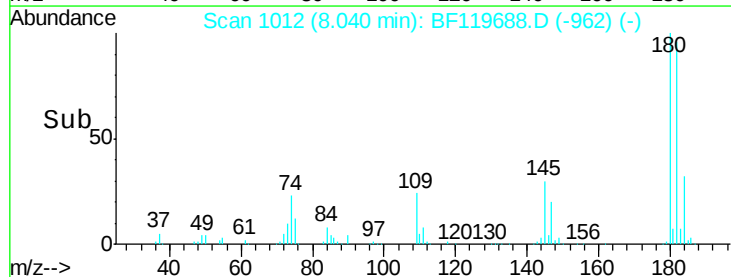
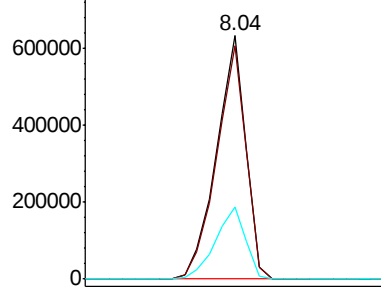


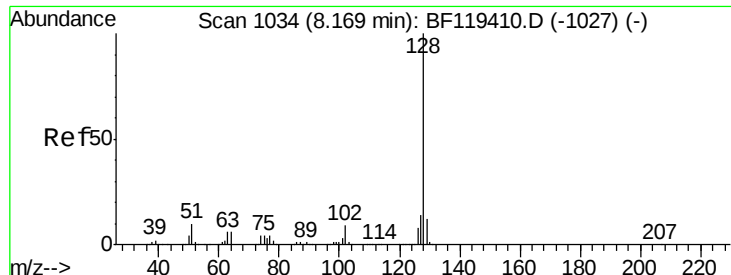
#30
 1,2,4-Trichlorobenzene
 Concen: 42.041 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	610127		
182	95.9	74.7	112.1	
145	29.8	24.5	36.7	



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





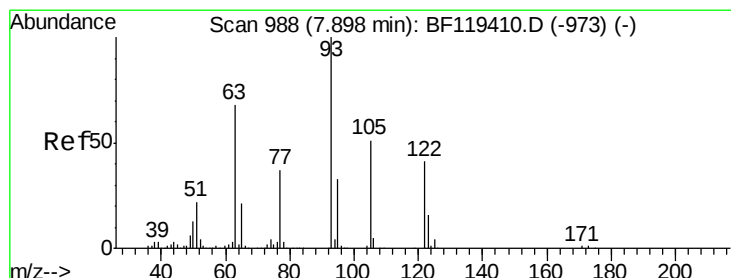
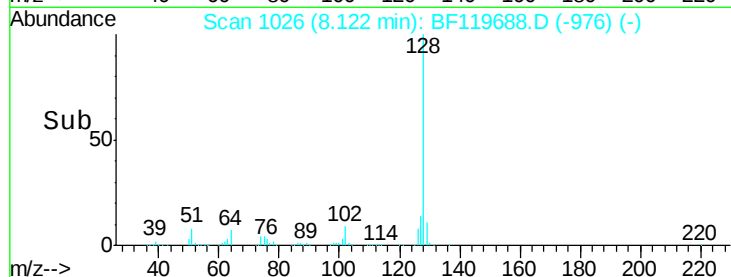
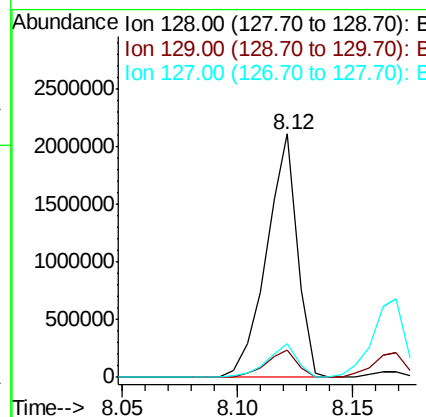
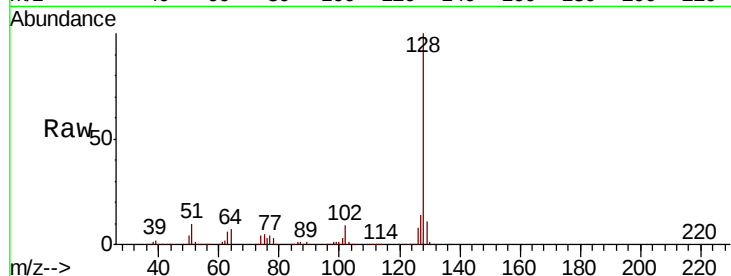
#31
Naphthalene
Concen: 42.610 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Instrument :
BNA_F
ClientSampleId :
PB127937BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.5	14.3
127	13.8	11.3	16.9

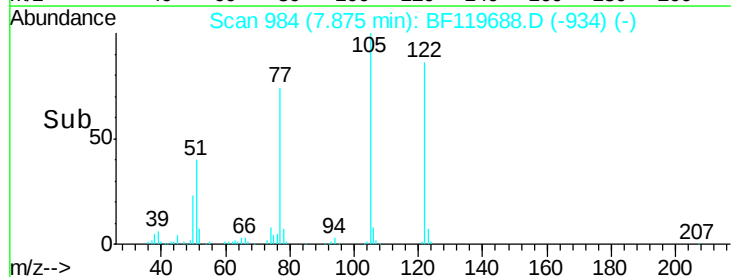
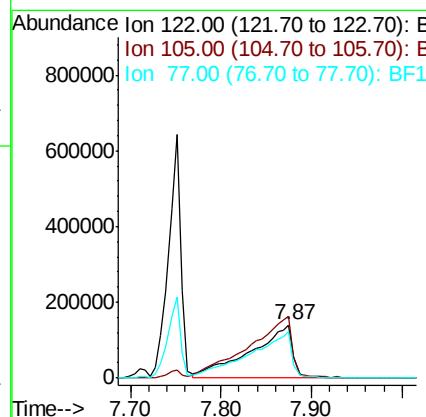
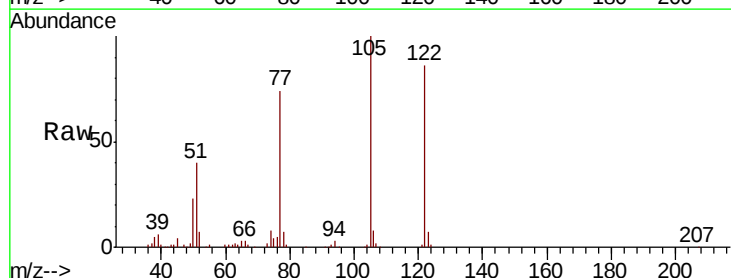
Manual Integrations
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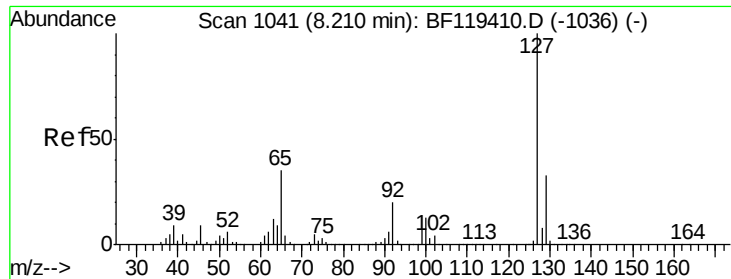
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#32
Benzoic acid
Concen: 48.406 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.8	104.9	144.9
77	86.3	74.4	114.4





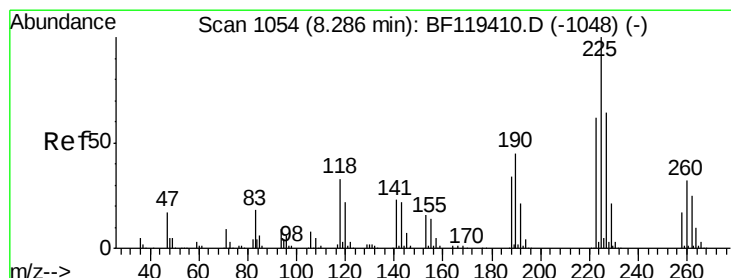
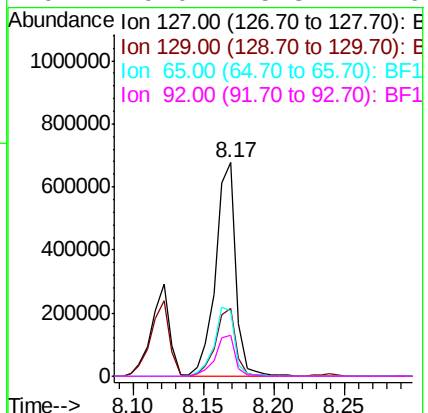
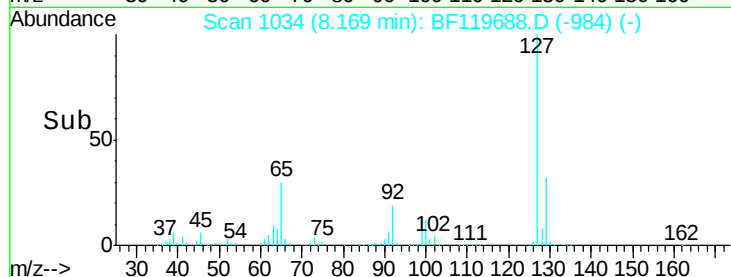
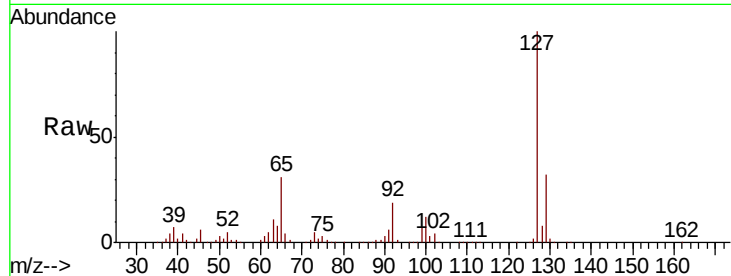
#33
4-Chloroaniline
Concen: 31.992 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Instrument :
BNA_F
ClientSampleId :
PB127937BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		672990		
129	32.0	26.2	39.4		
65	30.6	27.4	41.0		
92	19.0	15.3	22.9		

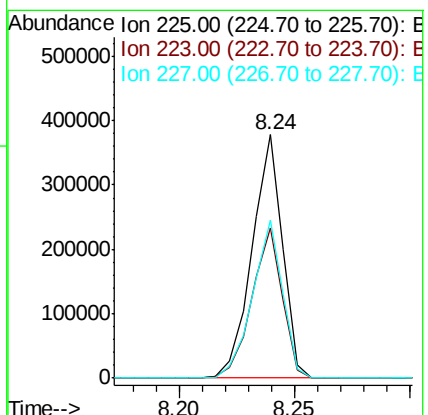
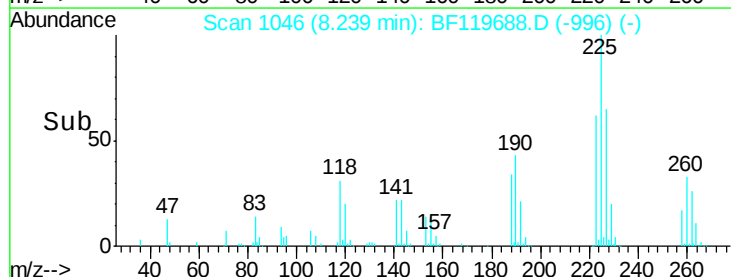
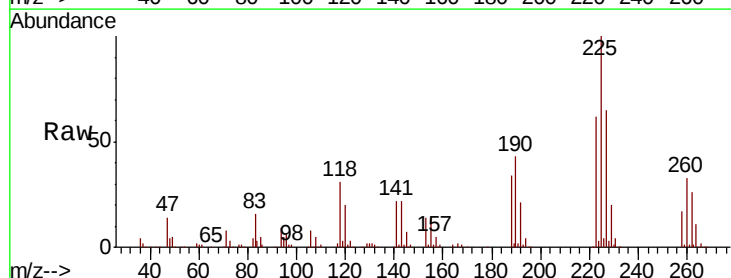
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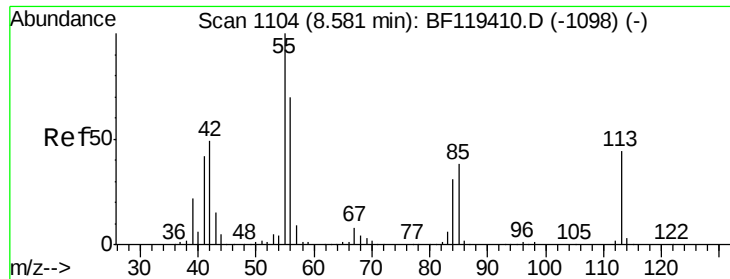
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#34
Hexachlorobutadiene
Concen: 42.723 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		346905		
223	61.8	51.0	76.6		
227	64.9	50.7	76.1		





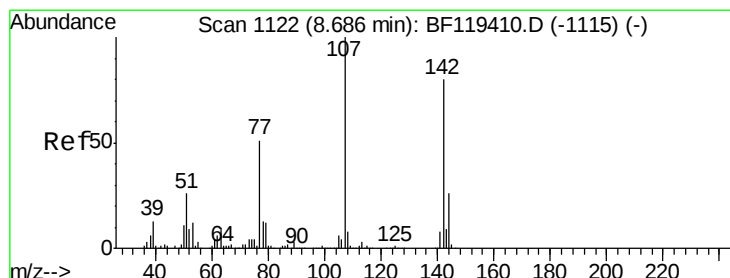
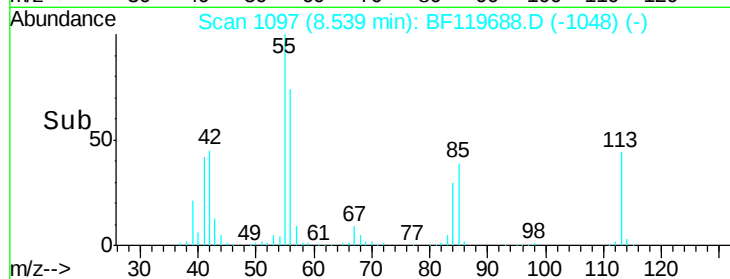
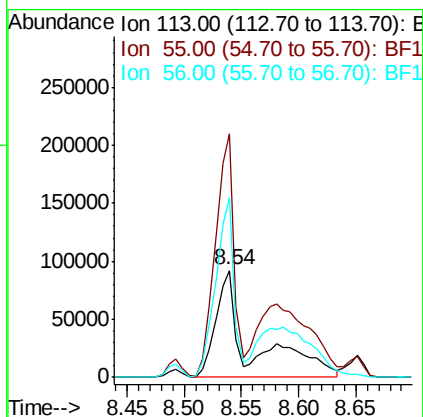
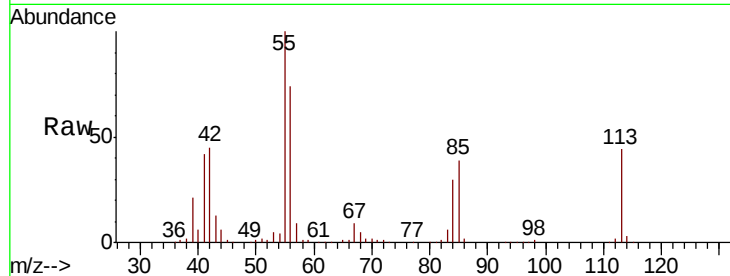
#35
Caprolactam
Concen: 45.283 ng/ml
RT: 8.54 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Instrument :
BNA_F
ClientSampleId :
PB127937BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	227.2	218.4	258.4	
56	167.3	148.9	188.9	

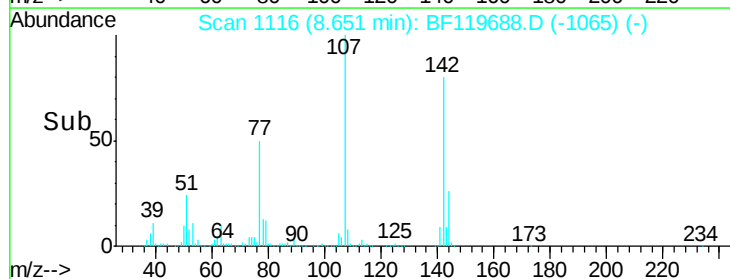
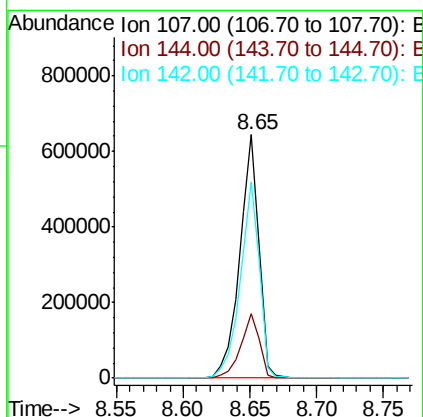
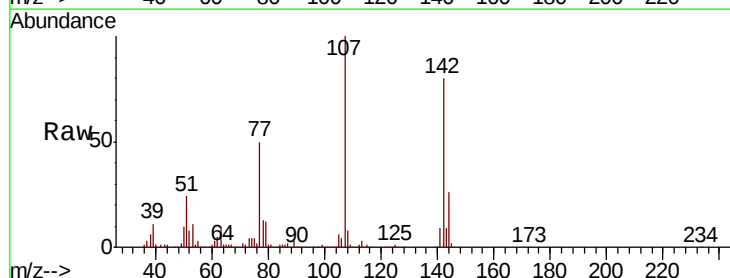
Manual Integrations
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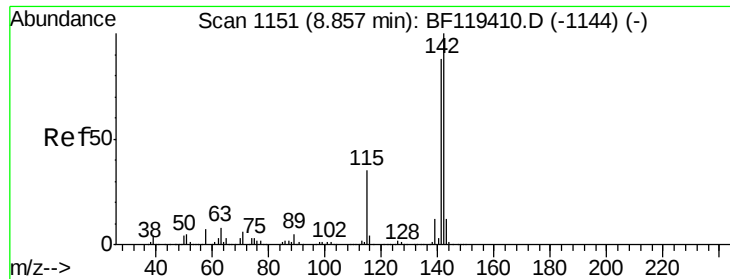
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 44.831 ng/ml
RT: 8.65 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.3	21.0	31.6	
142	80.4	64.4	96.6	





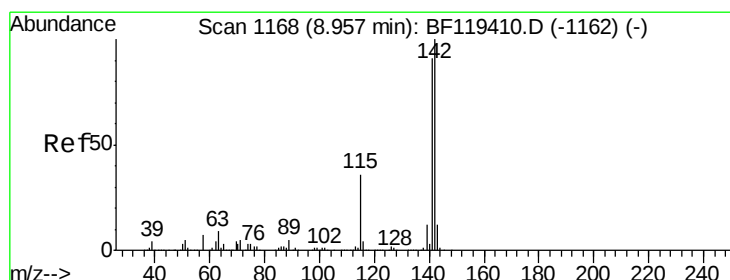
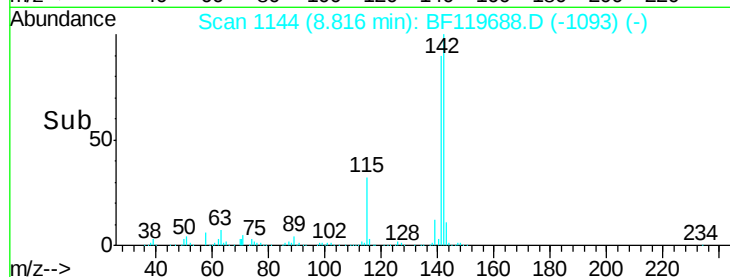
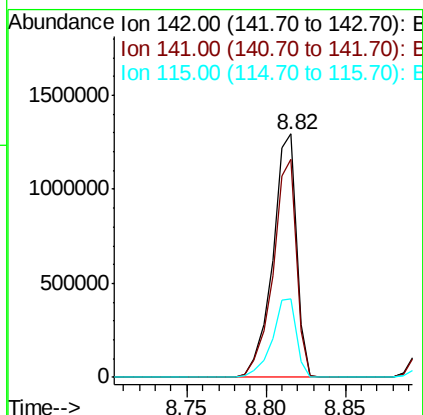
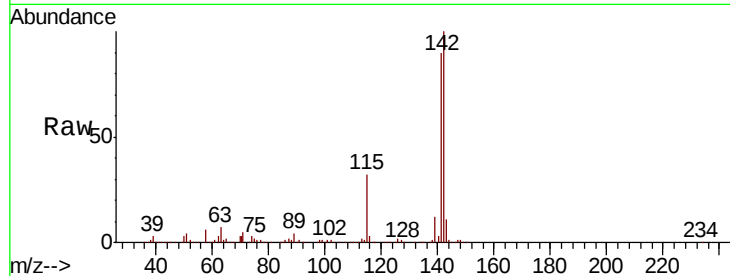
#37
2-Methylnaphthalene
Concen: 44.900 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Instrument :
BNA_F
ClientSampleId :
PB127937BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.7	107.5
115	32.5	27.9	41.9

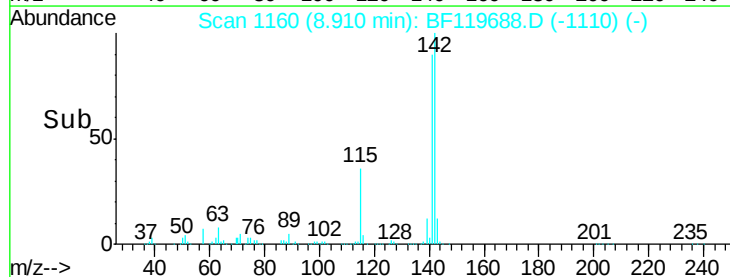
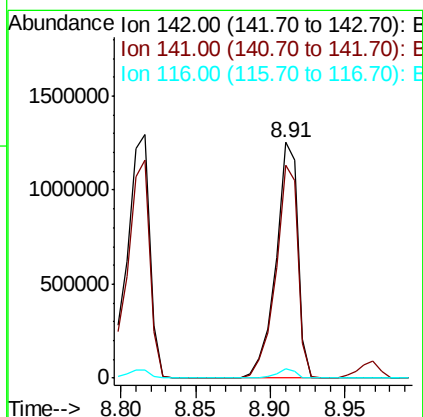
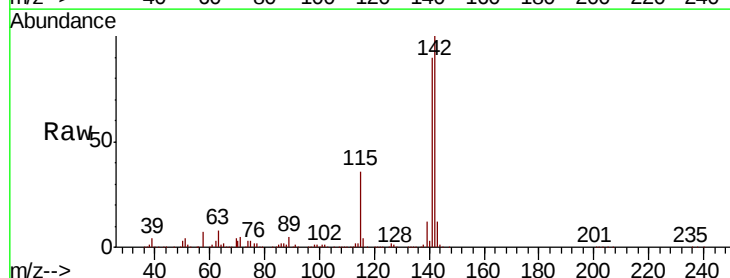
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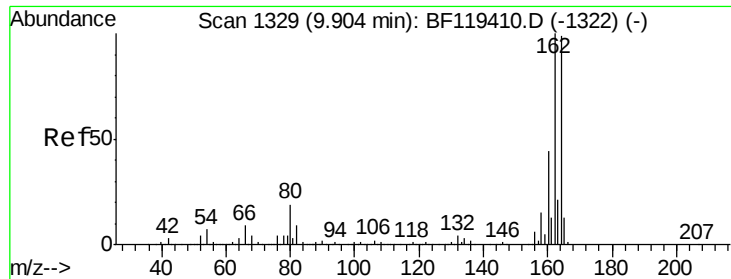
mohammad
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#38
1-Methylnaphthalene
Concen: 45.277 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.7	110.5
116	3.8	3.0	4.6





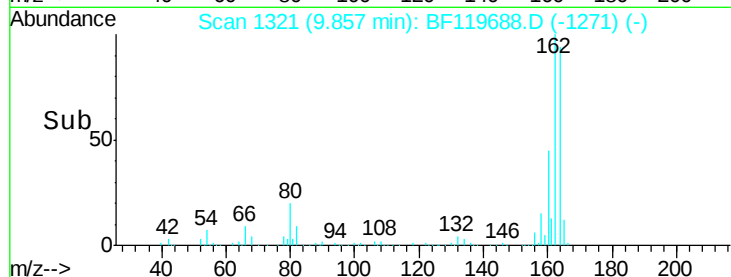
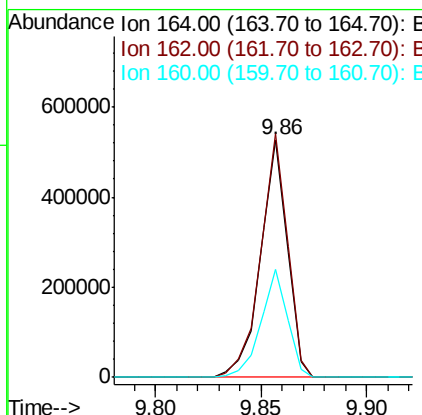
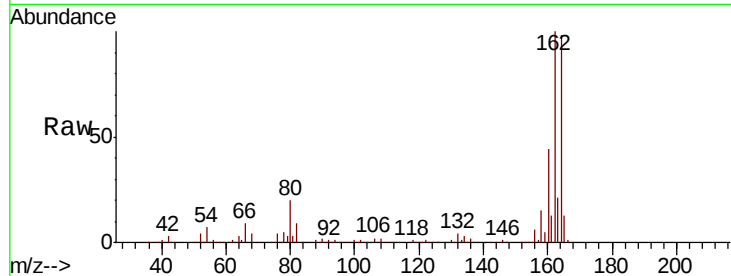
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Instrument :
BNA_F
ClientSampleId :
PB127937BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.5	80.6	121.0	
160	45.6	35.7	53.5	

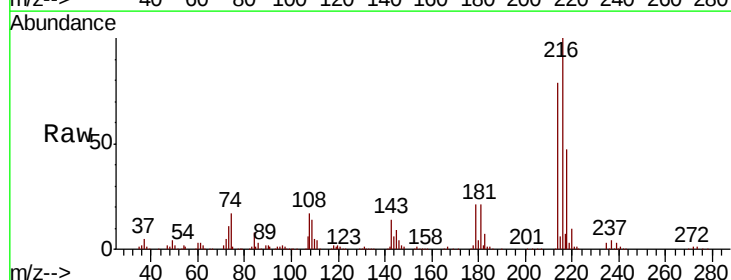
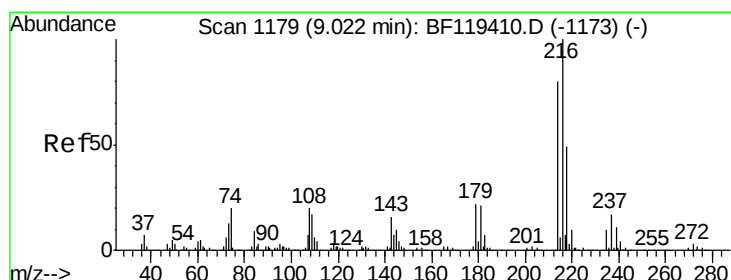
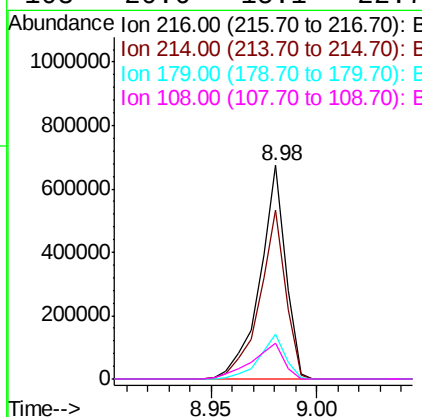
Manual Integrations
APPROVED

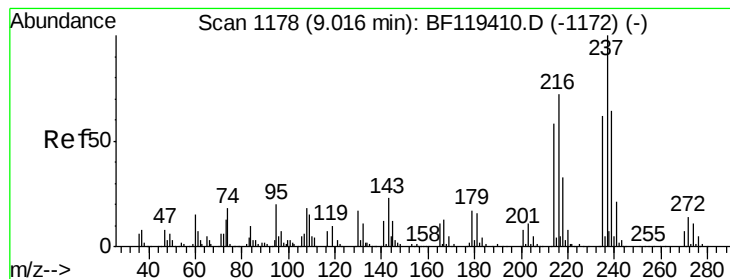
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.529 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.1	63.2	94.8	
179	21.2	17.1	25.7	
108	20.6	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 90.266 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Instrument :

BNA_F

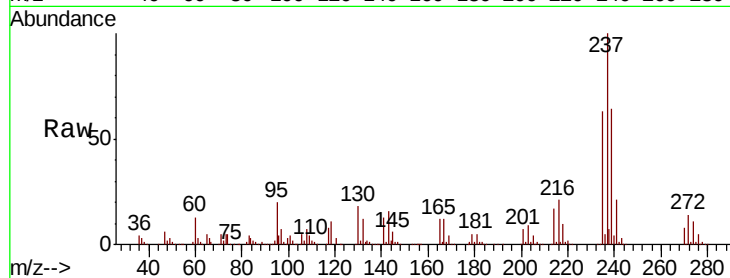
ClientSampleId :

PB127937BS

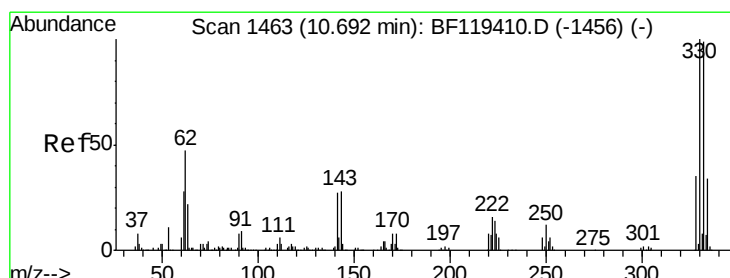
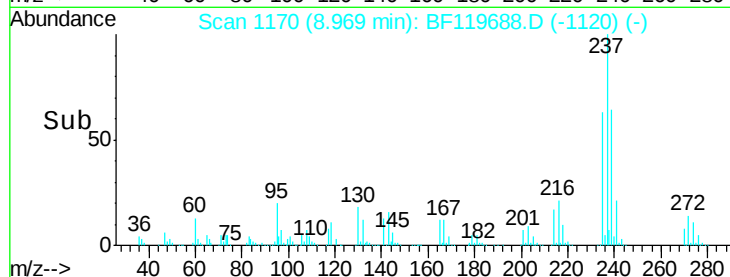
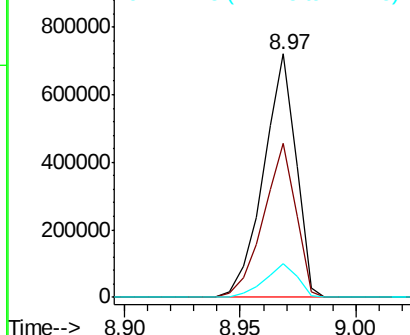
Tot Ion:	237	Resp:	704284
Ion Ratio	Lower	Upper	
237	100		
235	63.4	43.2	83.2
272	14.0	0.0	34.1

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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: 95.253 ng

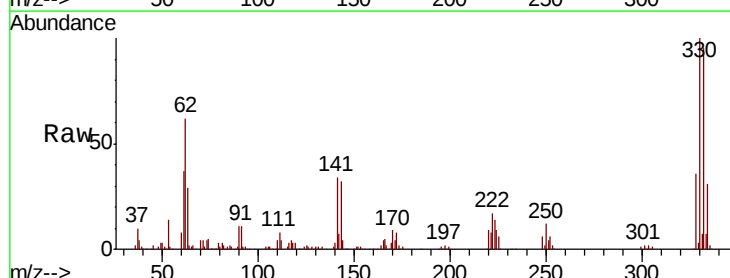
RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

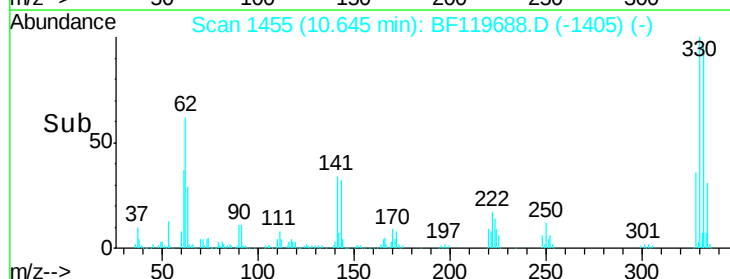
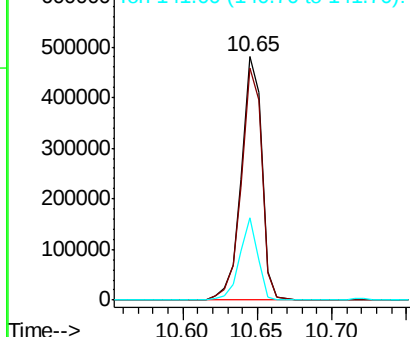
Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Tgt Ion:	330	Resp:	460123
Ion Ratio	Lower	Upper	
330	100		
332	95.5	75.7	113.5
141	30.3	25.4	38.0



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





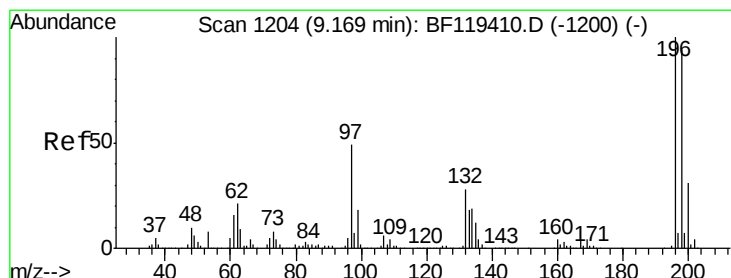
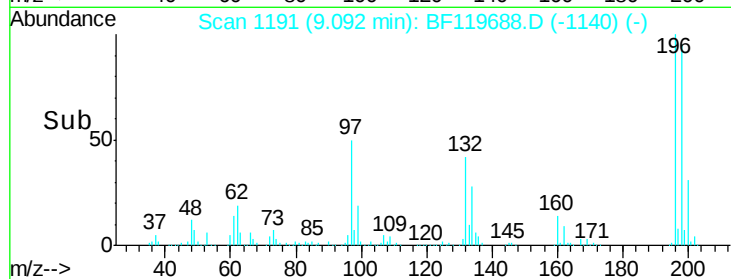
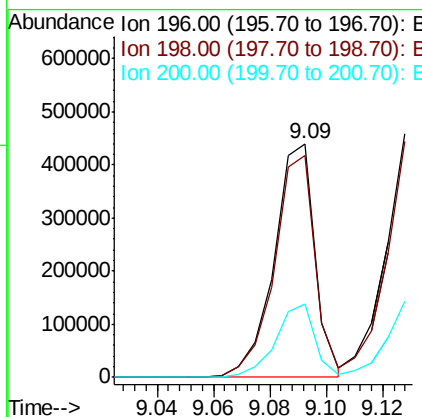
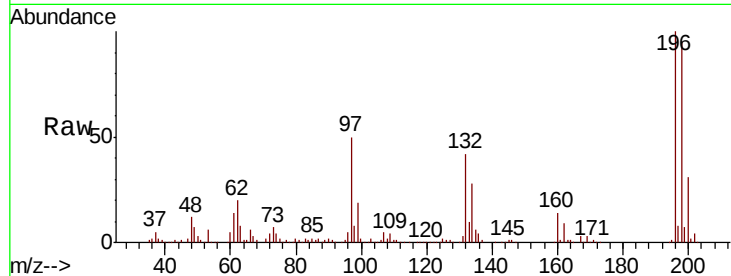
#43
 2,4,6-Trichlorophenol
 Concen: 44.959 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	441554		
198	95.1	76.6	115.0	
200	31.3	24.6	36.8	

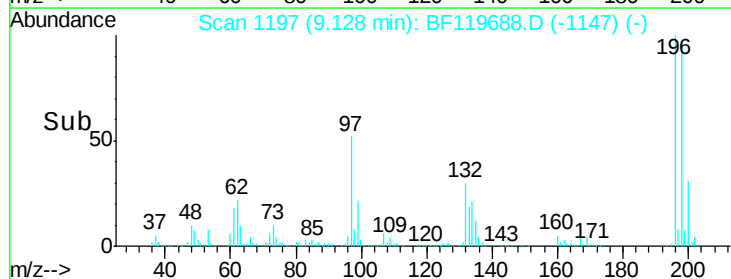
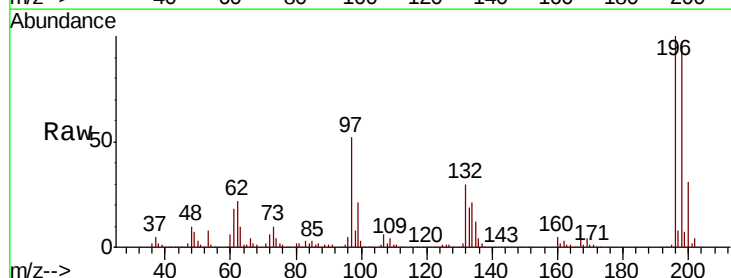
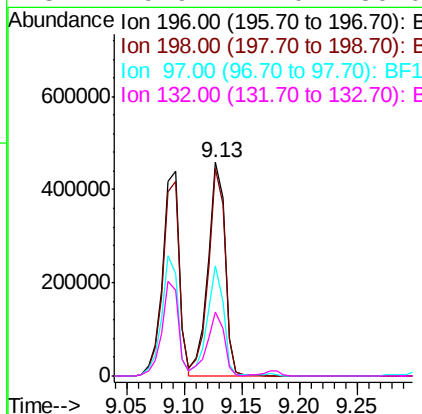
Manual Integrations
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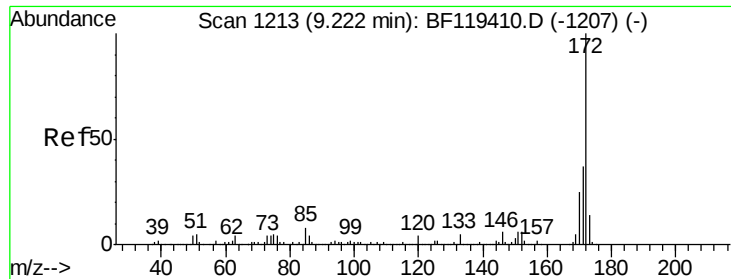
mohammad
 4/3/2020 11:14:36 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.059 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	473738		
198	96.9	73.8	110.8	
97	51.6	42.6	63.8	
132	29.9	24.0	36.0	





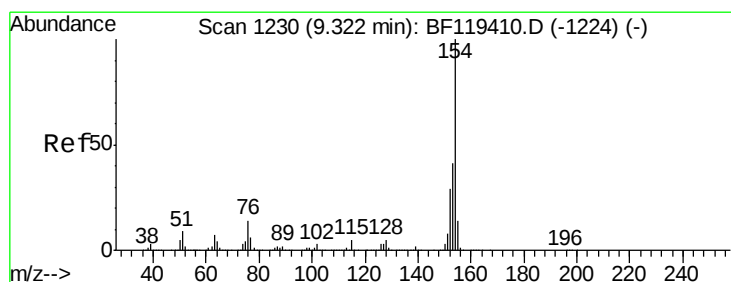
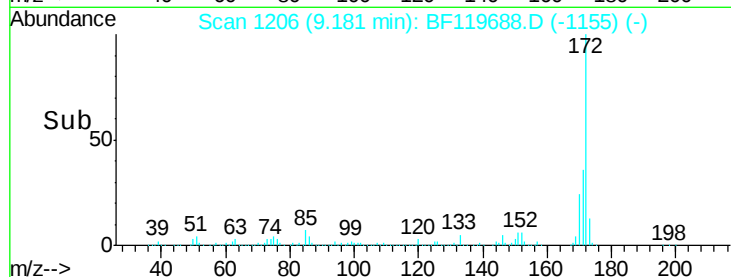
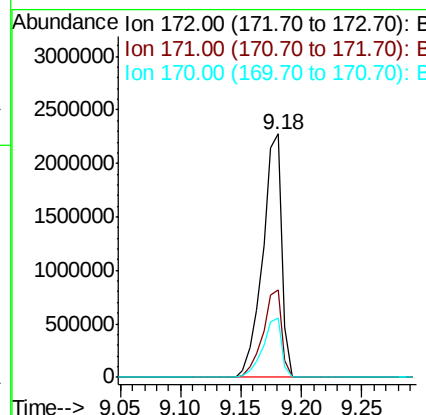
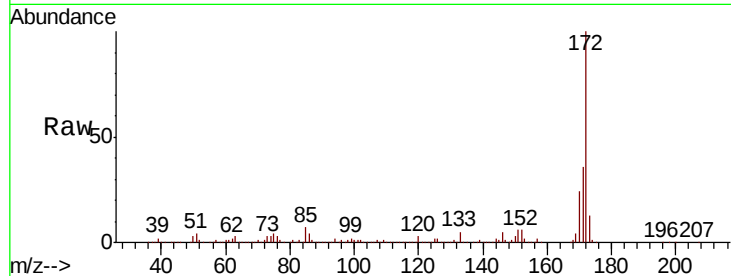
#45
2-Fluorobiphenyl
Concen: 79.435 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Instrument :
BNA_F
ClientSampleId :
PB127937BS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.0	29.6	44.4	
170	24.2	20.2	30.2	

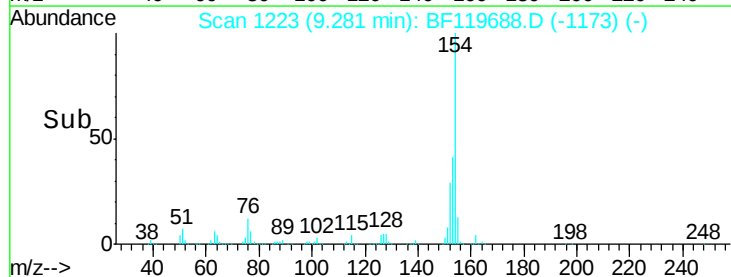
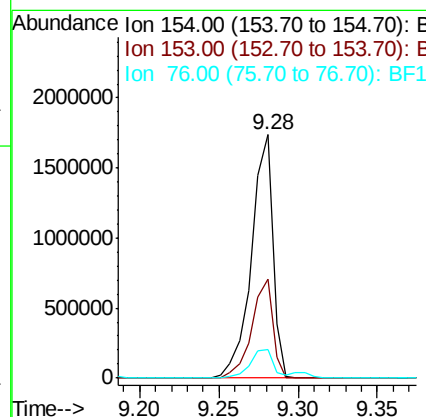
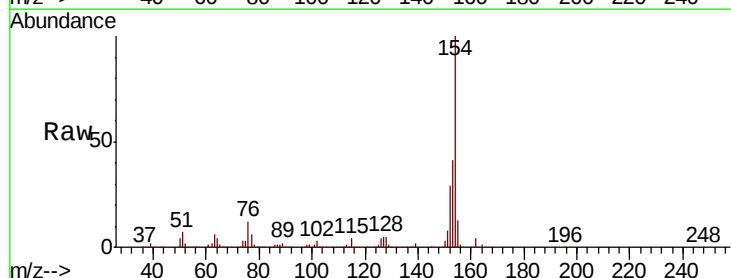
Manual Integrations
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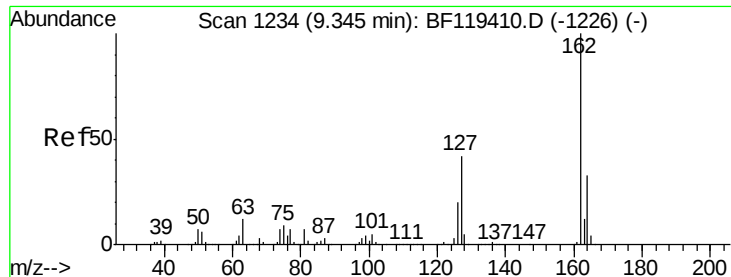
mohammad
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#46
1,1'-Biphenyl
Concen: 42.506 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	40.9	21.4	61.4	
76	11.6	0.0	33.0	





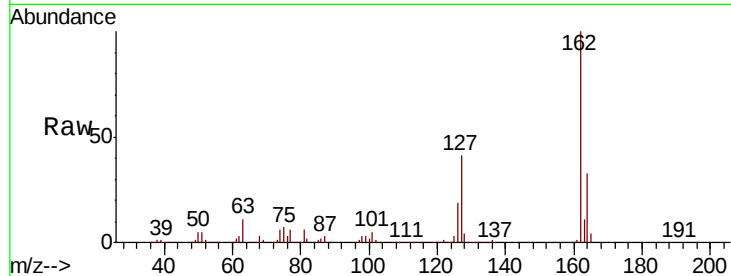
#47
2-Chloronaphthalene
Concen: 42.609 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Instrument :
BNA_F
ClientSampleId :
PB127937BS

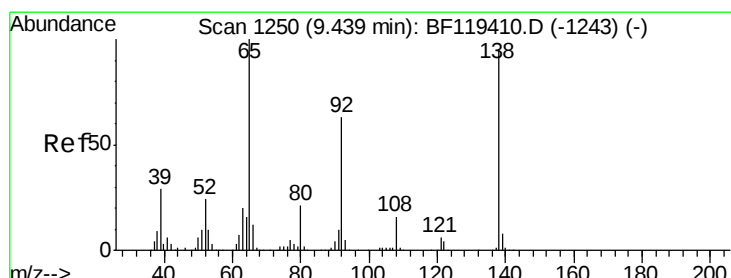
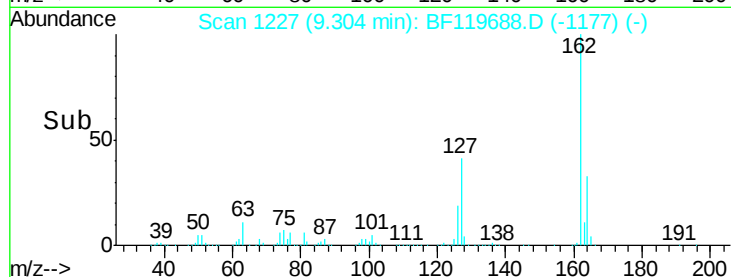
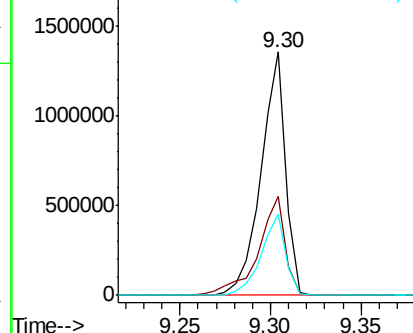
Tot Ion	Ion	Ratio	Lower	Upper
162	100			
127	40.7	33.7	50.5	
164	33.2	26.3	39.5	

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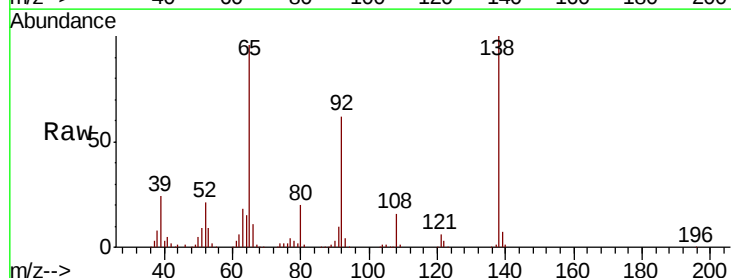


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

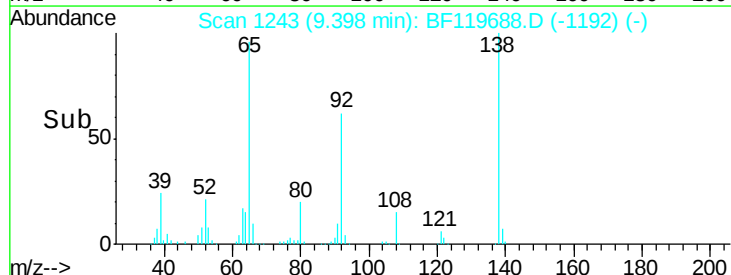
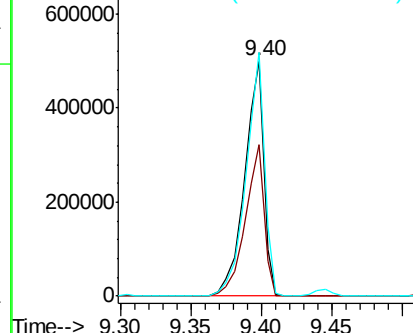


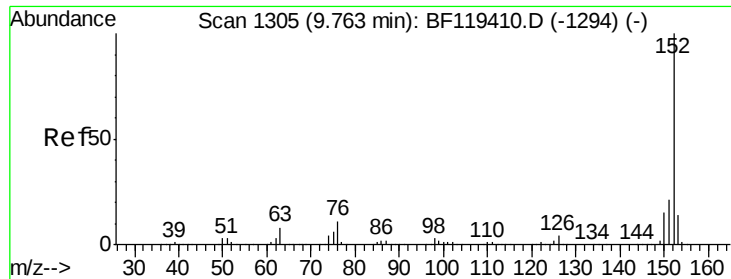
#48
2-Nitroaniline
Concen: 45.723 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
92	64.4	50.0	75.0	
138	103.6	75.0	112.4	



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





#49

Acenaphthylene

Concen: 43.236 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Instrument :

BNA_F

ClientSampleId :

PB127937BS

Tot Ion:152 Resp: 2028142

Ion Ratio Lower Upper

152 100

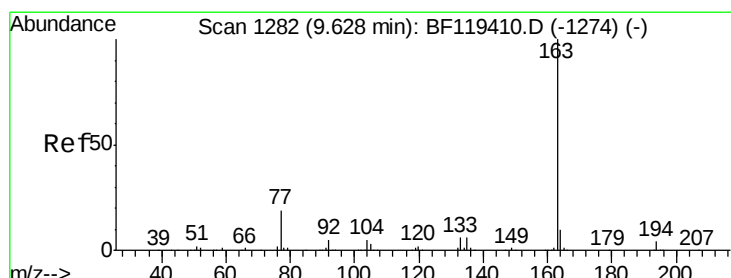
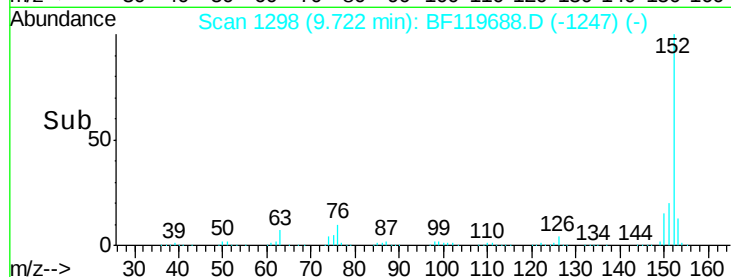
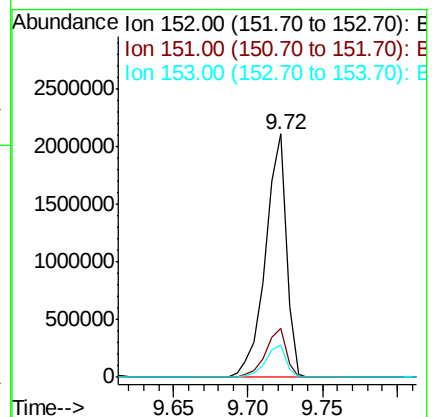
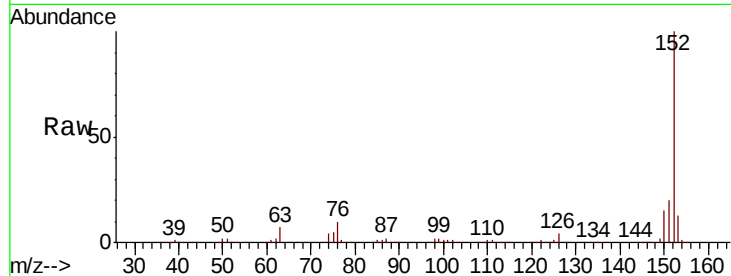
151 20.0 17.2 25.8

153 13.2 11.2 16.8

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#50

Dimethylphthalate

Concen: 45.758 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

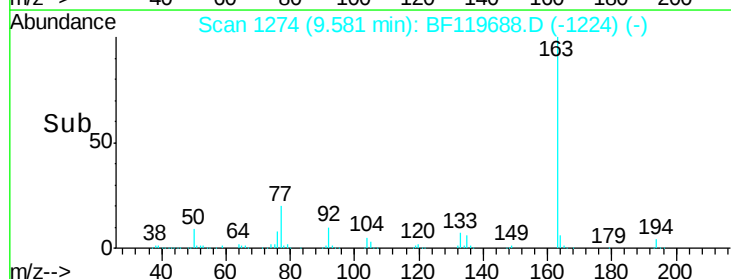
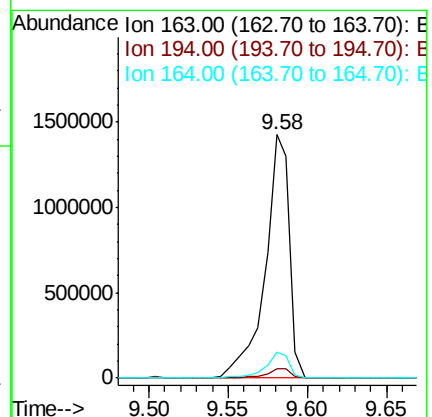
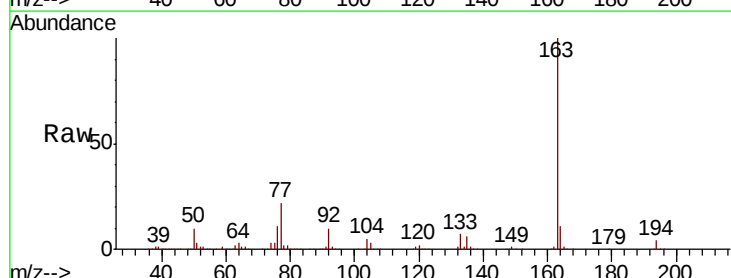
Tgt Ion:163 Resp: 1521823

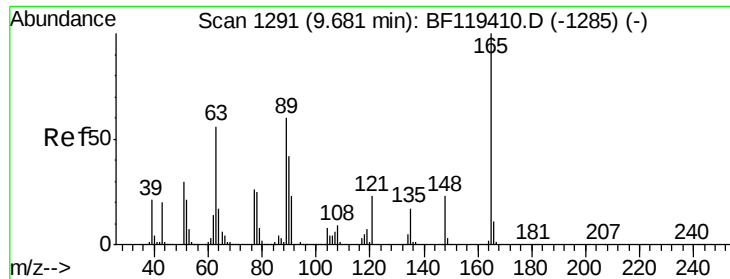
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.7 8.2 12.2





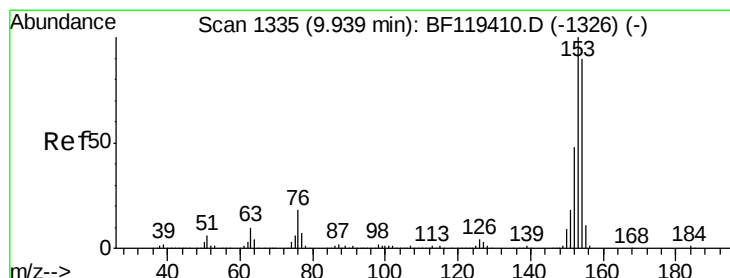
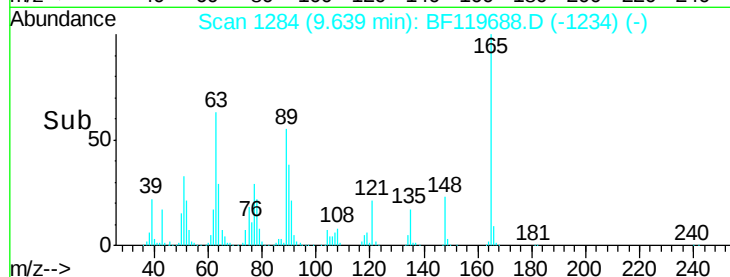
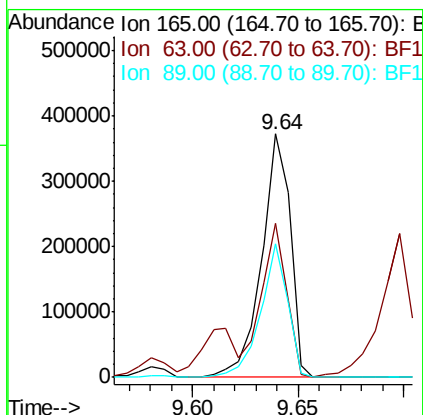
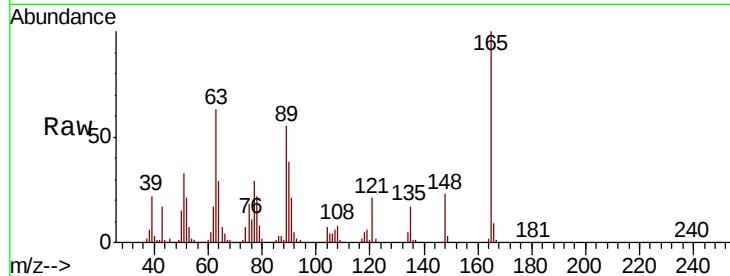
#51
2,6-Dinitrotoluene
Concen: 49.214 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Instrument :
BNA_F
ClientSampleId :
PB127937BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	350834		
63	63.2	45.0	67.4	
89	55.0	41.5	62.3	

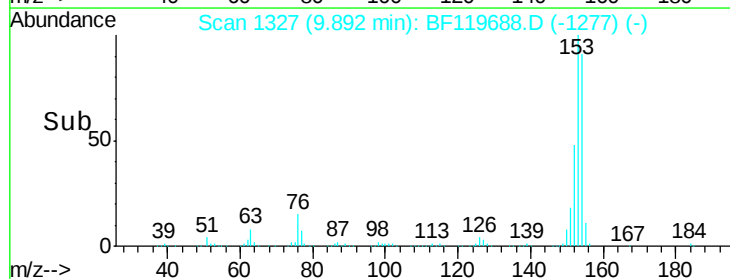
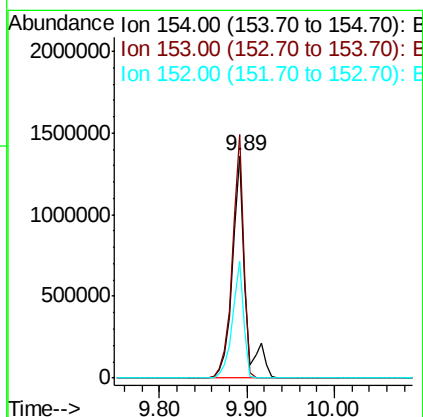
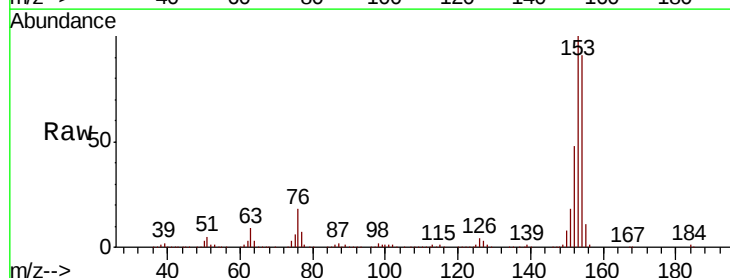
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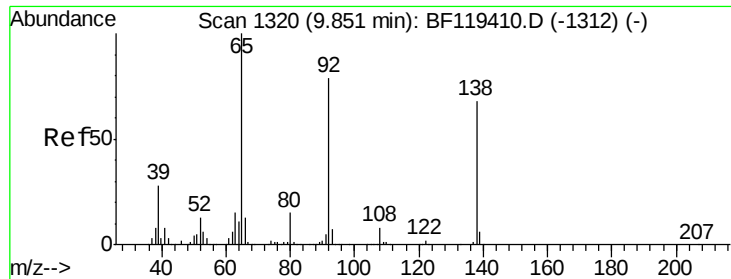
mohammad
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#52
Acenaphthene
Concen: 47.876 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1400064		
153	109.5	88.1	132.1	
152	52.7	43.0	64.4	





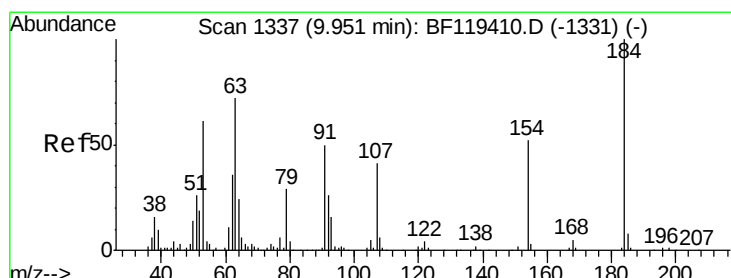
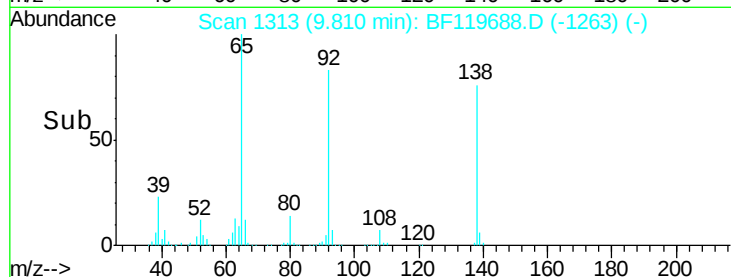
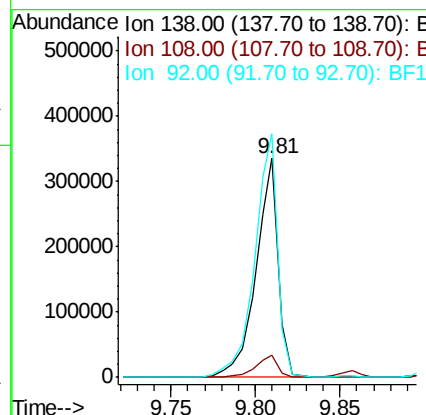
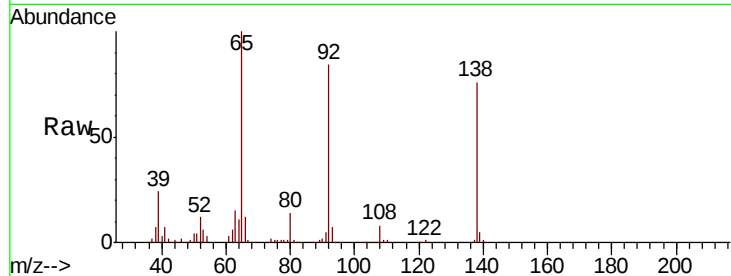
#53
3-Nitroaniline
Concen: 34.338 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Instrument :
BNA_F
ClientSampleId :
PB127937BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.6	13.0
92	111.1	95.4	143.0

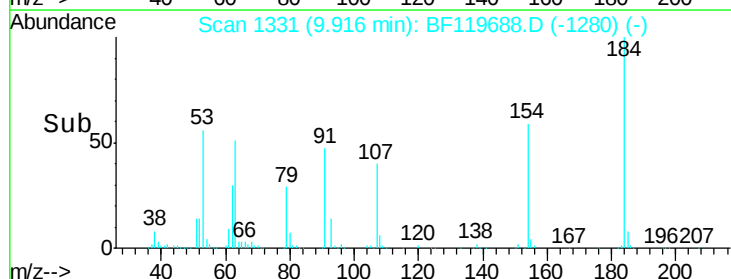
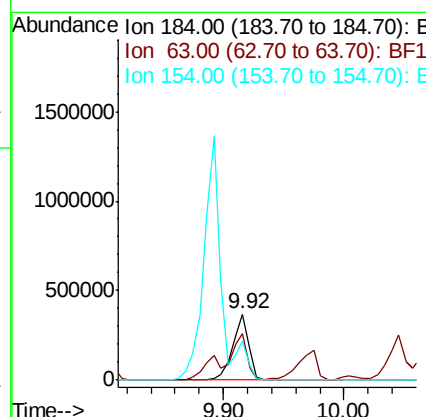
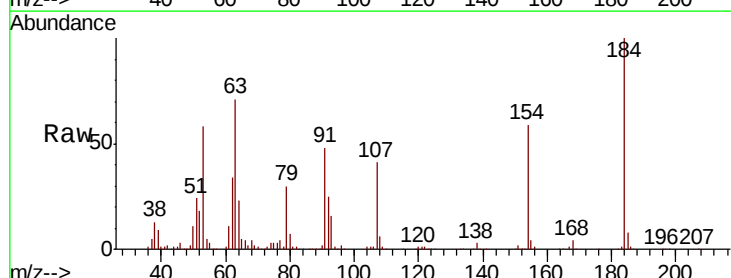
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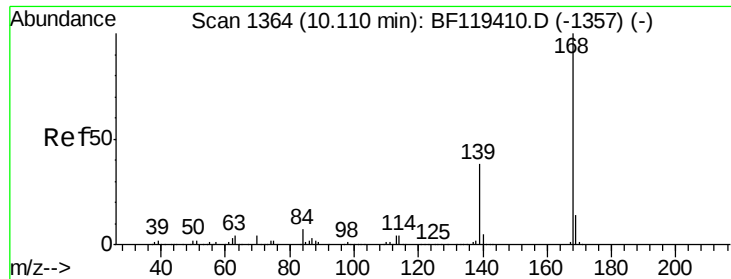
mohammad
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#54
2,4-Dinitrophenol
Concen: 108.173 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.3	50.2	75.4
154	58.9	44.5	66.7





#55

Dibenzofuran

Concen: 43.528 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Instrument :

BNA_F

ClientSampleId :

PB127937BS

Tot Ion:168 Resp: 1825031

Ion Ratio Lower Upper

168 100

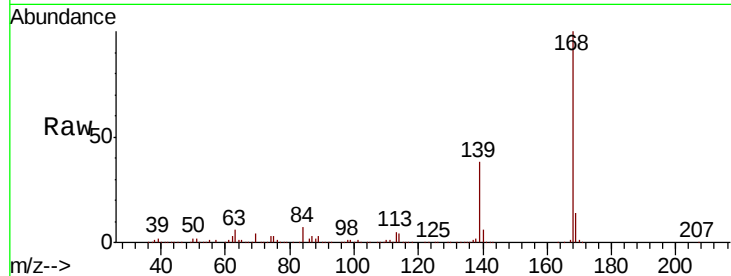
139 37.7 30.1 45.1

169 14.0 11.0 16.6

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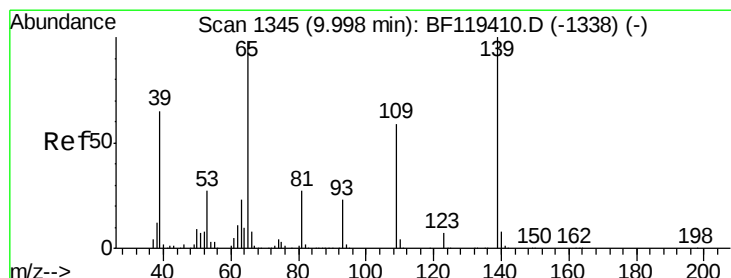
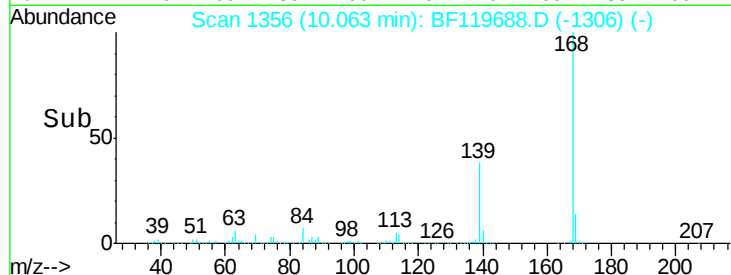
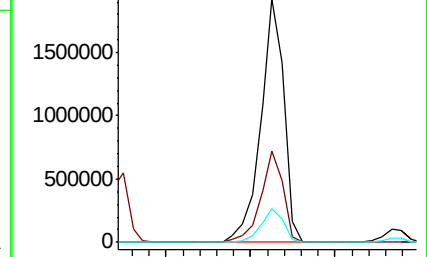
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 84.338 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

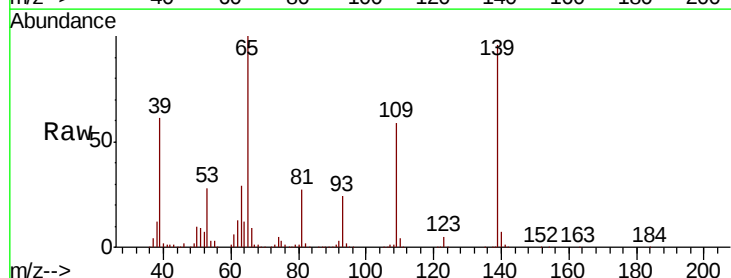
Tgt Ion:139 Resp: 598782

Ion Ratio Lower Upper

139 100

109 61.4 43.3 83.3

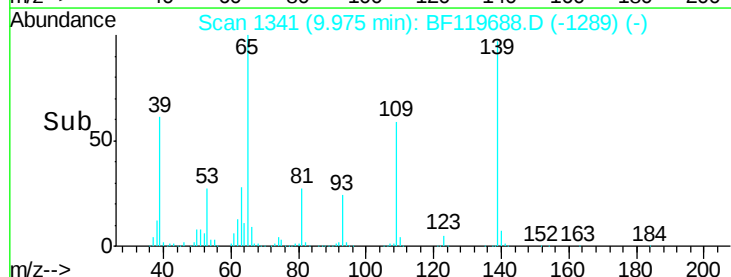
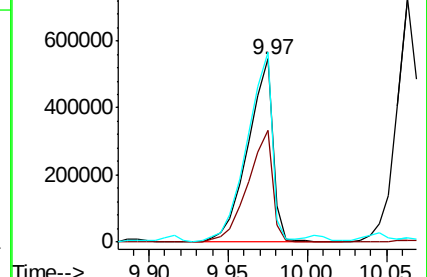
65 103.7 91.0 131.0

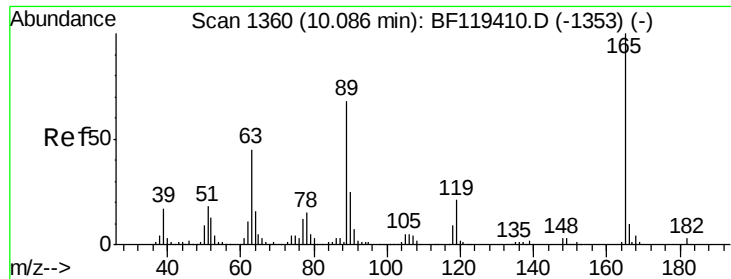


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





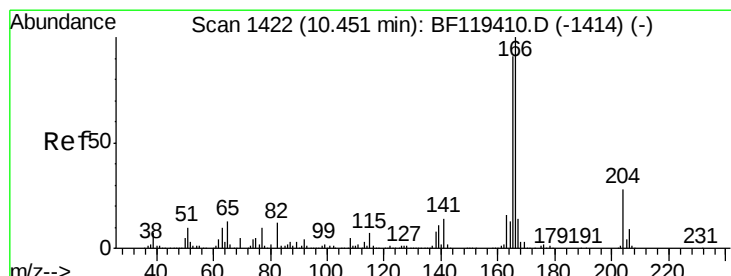
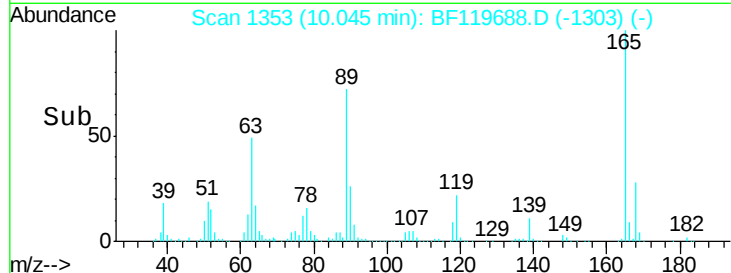
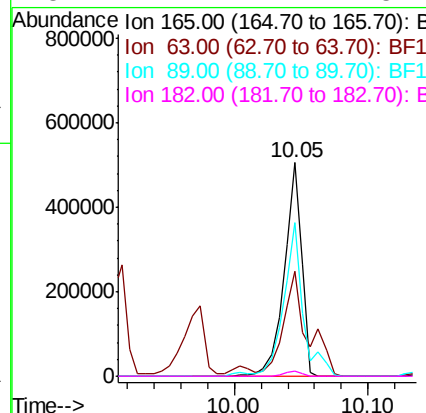
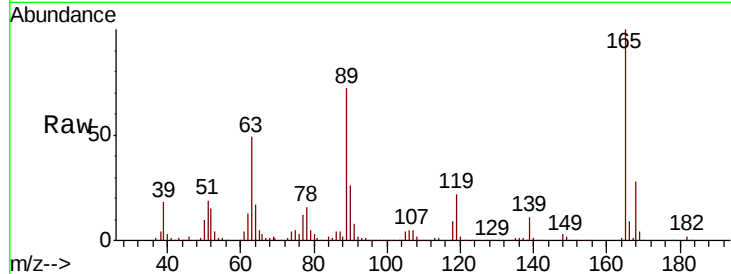
#57
2,4-Dinitrotoluene
Concen: 51.614 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Instrument :
BNA_F
ClientSampleId :
PB127937BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	463509		
63	49.3	42.6	64.0	
89	71.9	61.0	91.4	
182	2.4	2.2	3.2	

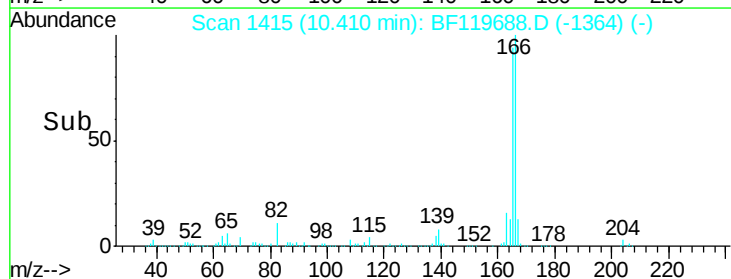
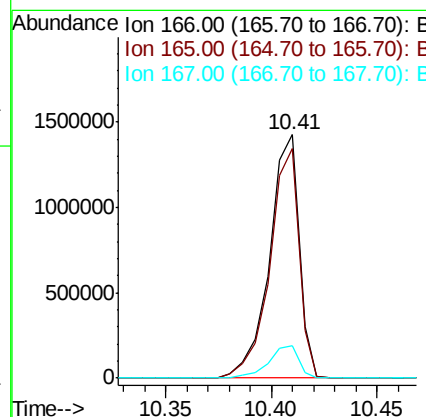
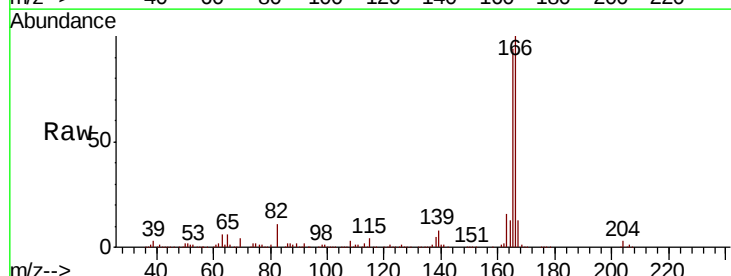
Manual Integrations
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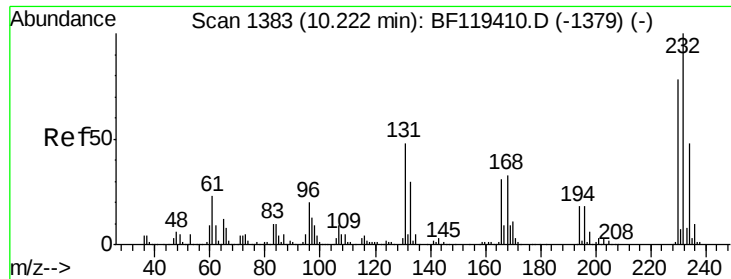
mohammad
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#58
Fluorene
Concen: 45.056 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1396975		
165	94.1	75.4	113.2	
167	13.2	11.2	16.8	





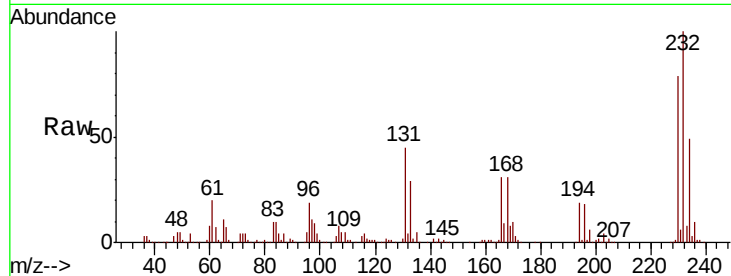
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.367 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BS

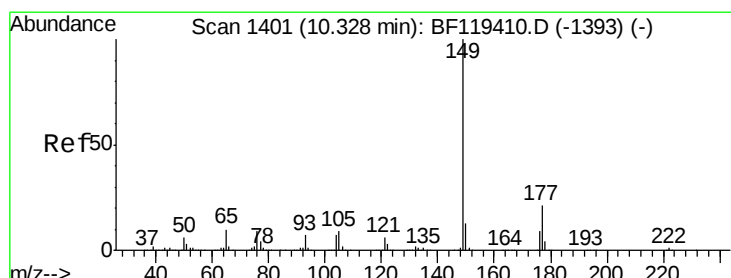
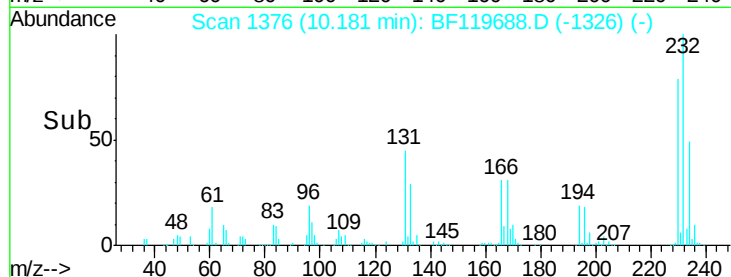
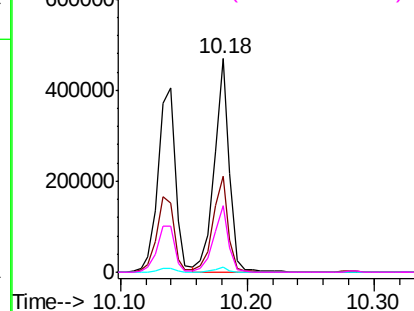
Tot Ion	Ratio	Lower	Upper
232	100		
131	46.1	37.5	56.3
130	2.2	1.8	2.6
166	30.8	24.6	36.8

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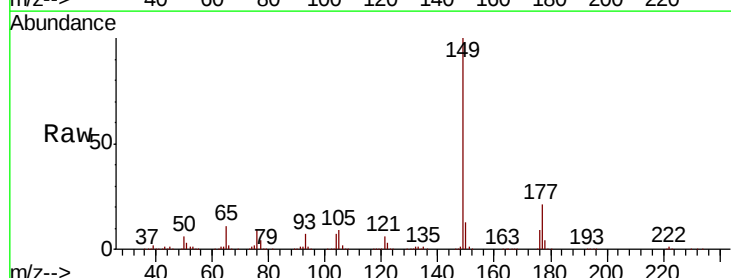


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

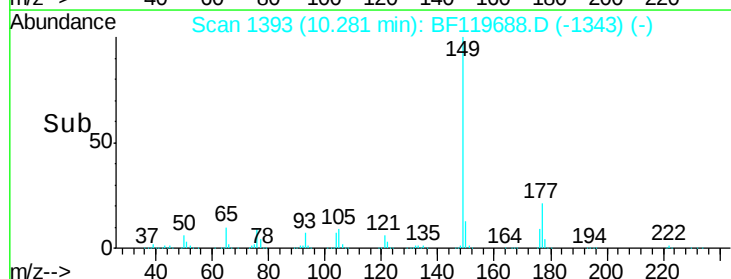
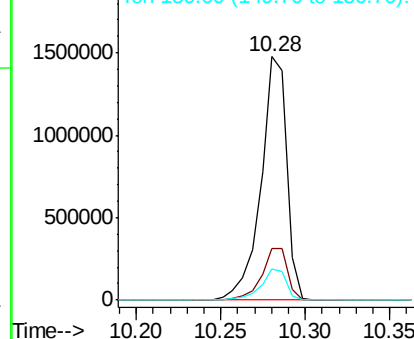


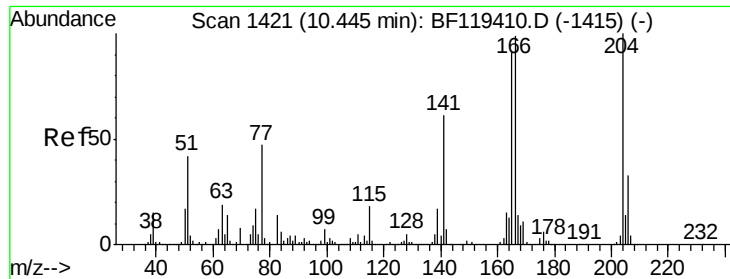
#60
 Diethylphthalate
 Concen: 46.335 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.0	25.6
150	12.9	10.1	15.1



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





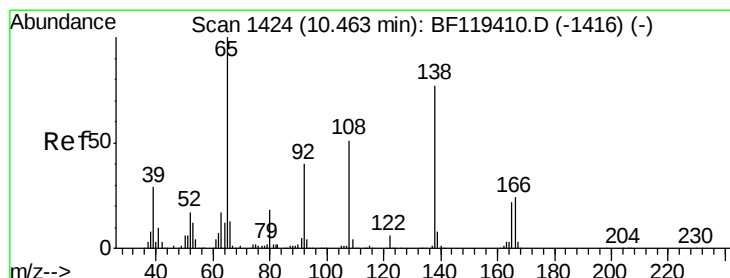
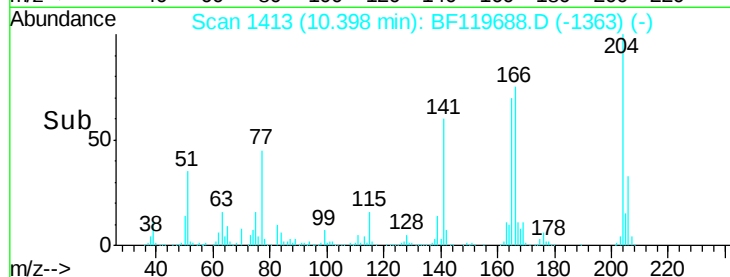
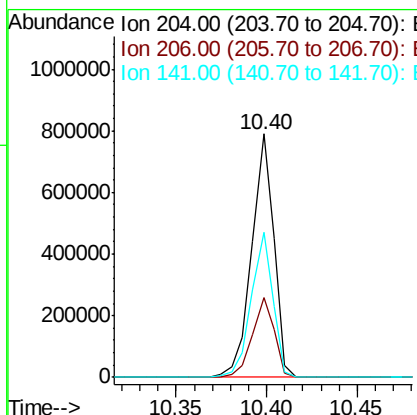
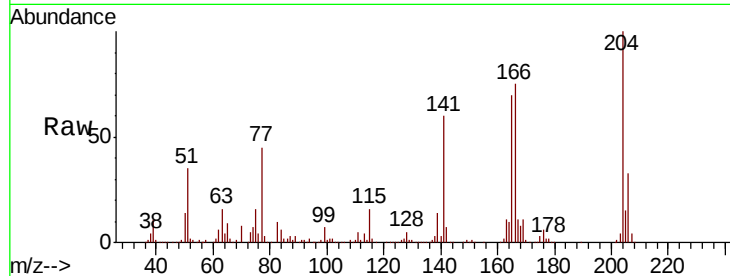
#61
 4-Chlorophenyl-phenylether
 Concen: 44.206 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Instrument :
 BNA_F
 ClientSampled :
 PB127937BS

Tot Ion:	204	Resp:	670250
Ion Ratio	Lower	Upper	
204	100		
206	32.6	26.7	40.1
141	59.5	47.3	70.9

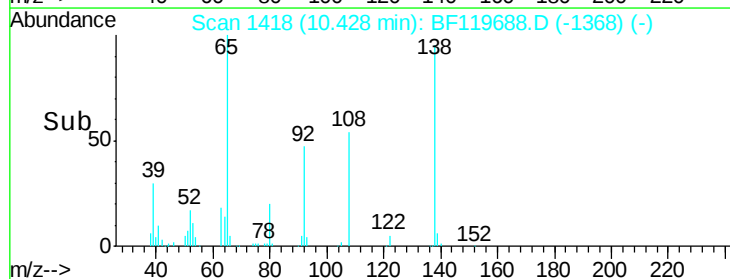
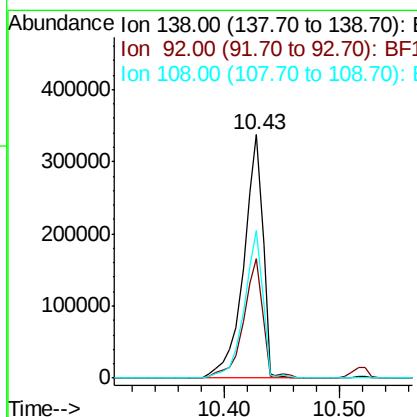
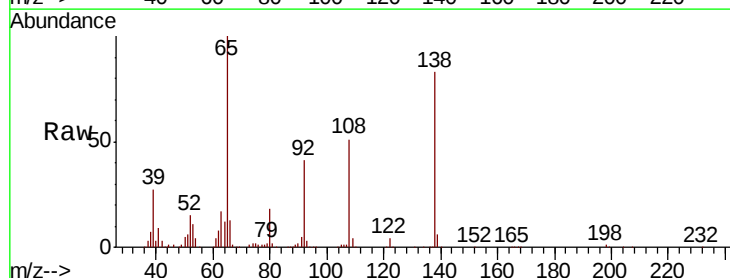
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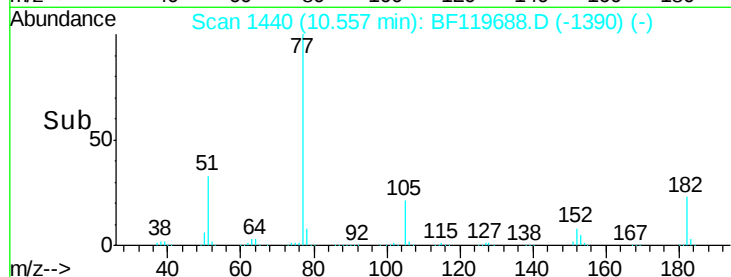
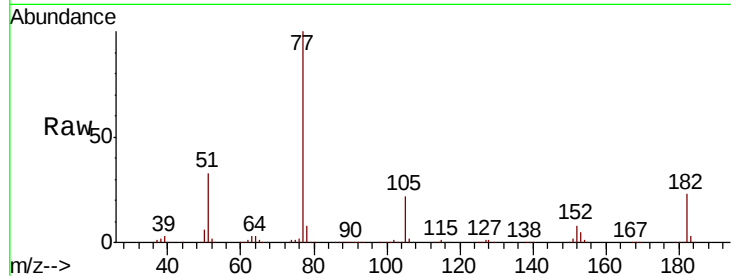
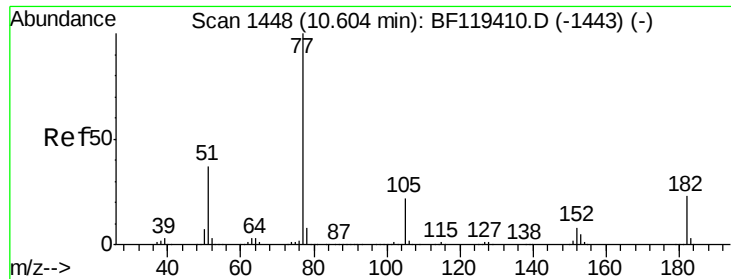
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#62
 4-Nitroaniline
 Concen: 44.948 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Tgt Ion:	138	Resp:	387912
Ion Ratio	Lower	Upper	
138	100		
92	49.0	31.5	71.5
108	60.7	45.8	85.8





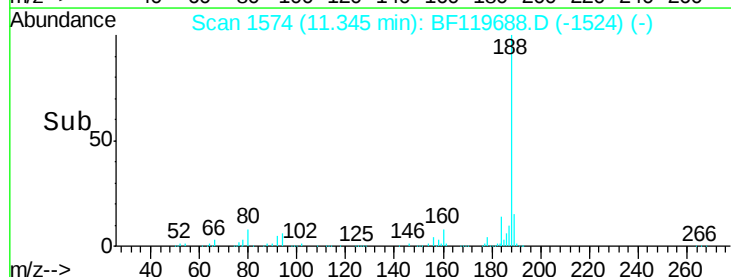
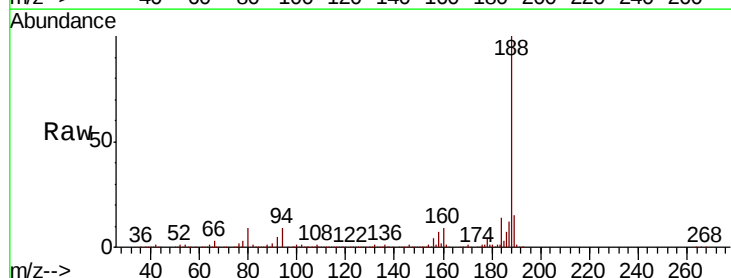
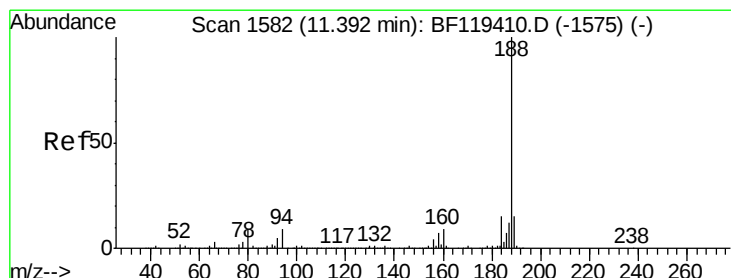
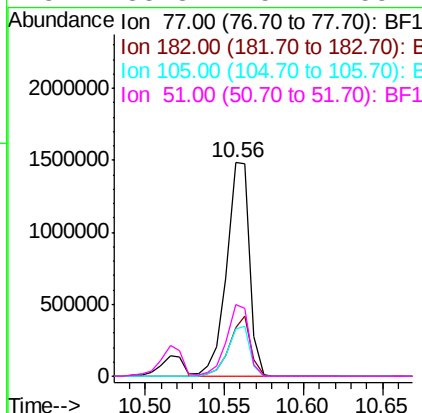
#63
Azobenzene
Concen: 43.920 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tot Ion: 77 Resp: 1492915
Ion Ratio Lower Upper
77 100
182 23.0 4.4 44.4
105 22.1 2.6 42.6
51 33.3 15.1 55.1

Instrument :
BNA_F
ClientSampleId :
PB127937BS

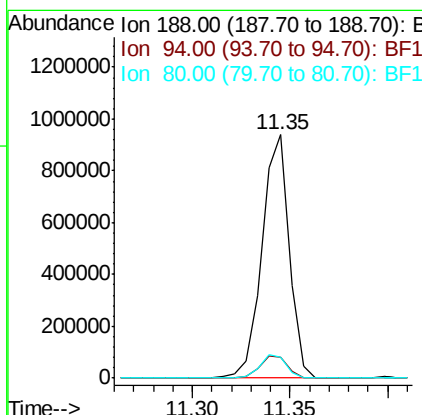
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion: 188 Resp: 904528
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 8.8 9.0 13.4#





#65

4,6-Dinitro-2-methylphenol

Concen: 63.310 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Instrument :

BNA_F

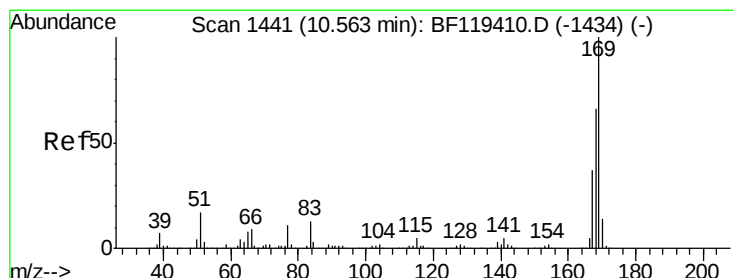
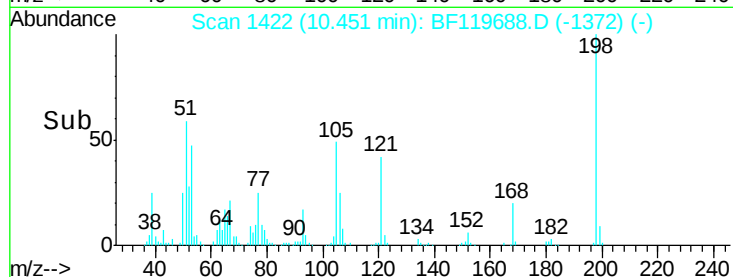
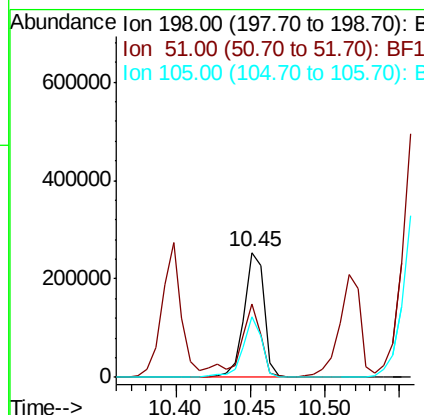
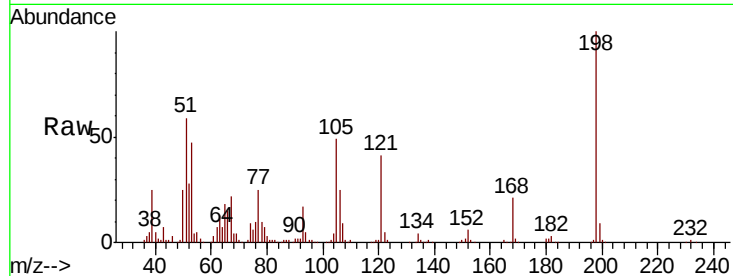
ClientSampleId :

PB127937BS

Tot Ion:	198	Resp:	240131
Ion Ratio	Lower	Upper	
198	100		
51	59.1	29.0	69.0
105	48.6	22.2	62.2

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#66

n-Nitrosodiphenylamine

Concen: 44.093 ng

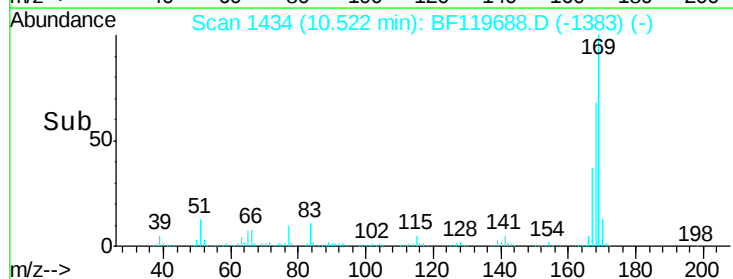
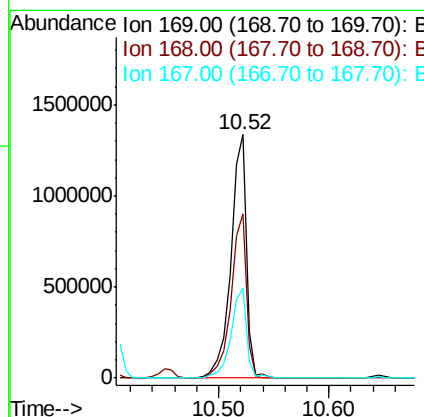
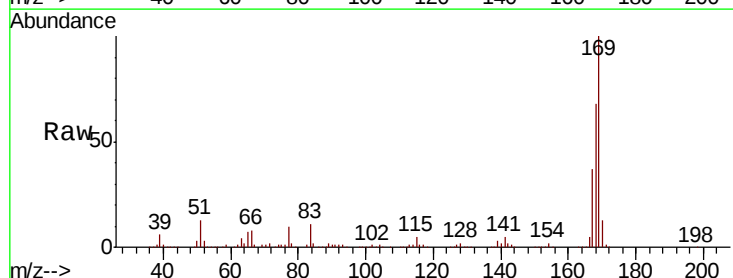
RT: 10.52 min Scan# 1434

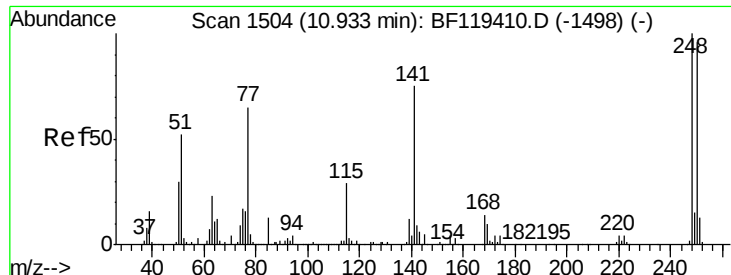
Delta R.T. 0.00 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Tgt Ion:	169	Resp:	1309295
Ion Ratio	Lower	Upper	
169	100		
168	67.5	53.2	79.8
167	37.1	29.1	43.7





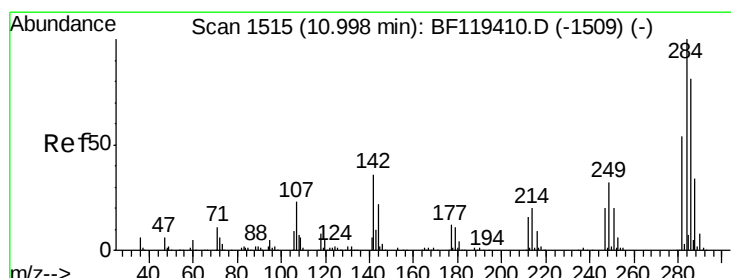
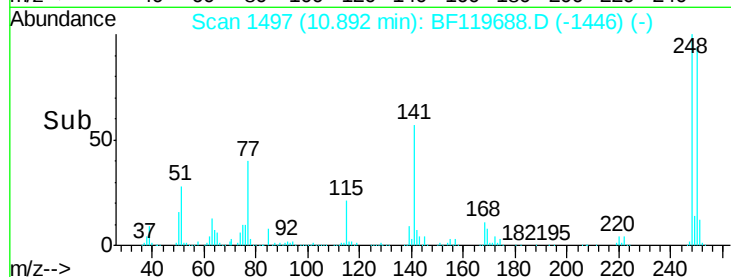
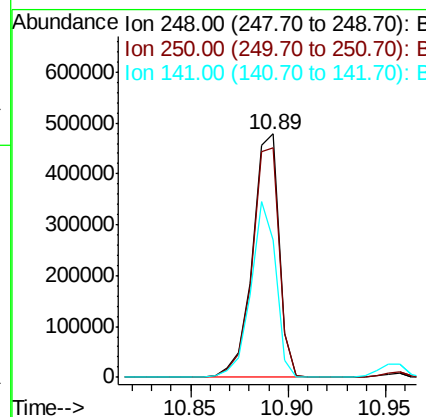
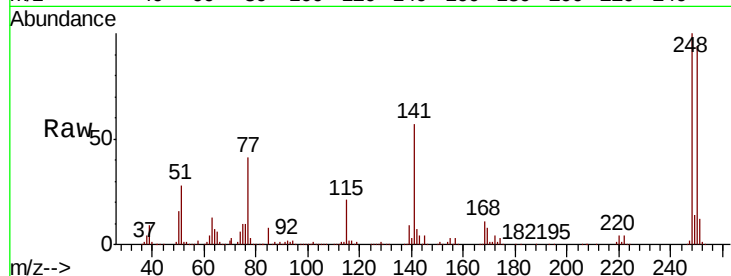
#67
 4-Bromophenyl-phenylether
 Concen: 43.993 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. 0.00 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.3	77.3	115.9
141	56.7	58.6	87.8#

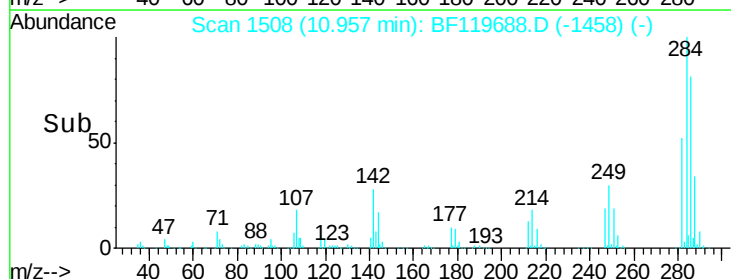
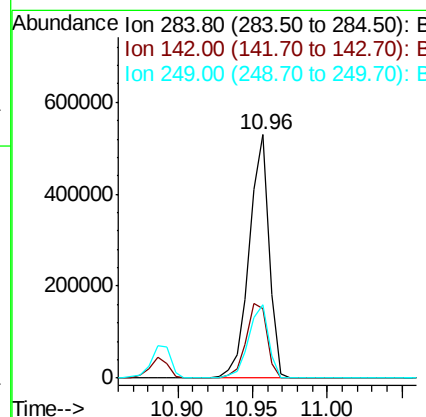
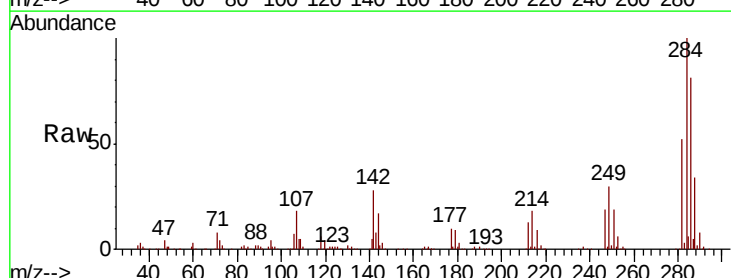
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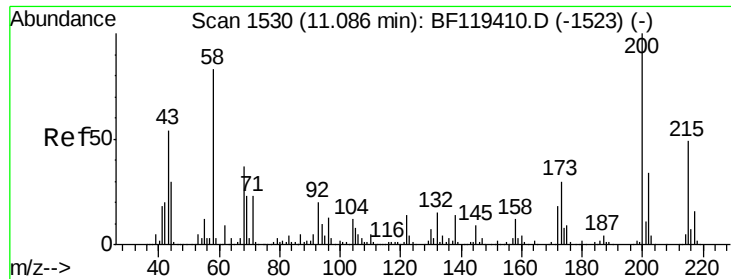
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#68
 Hexachlorobenzene
 Concen: 46.010 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.4	29.2	43.8#
249	30.0	25.1	37.7





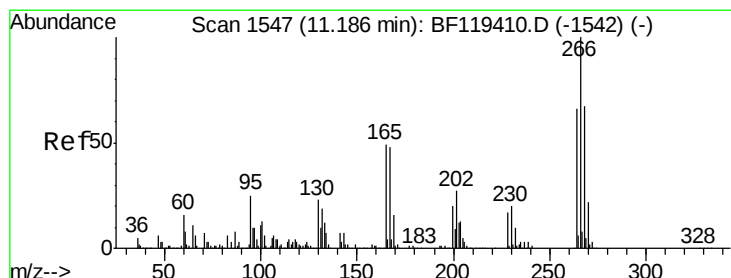
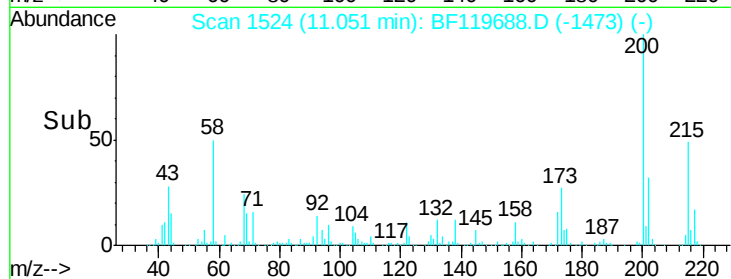
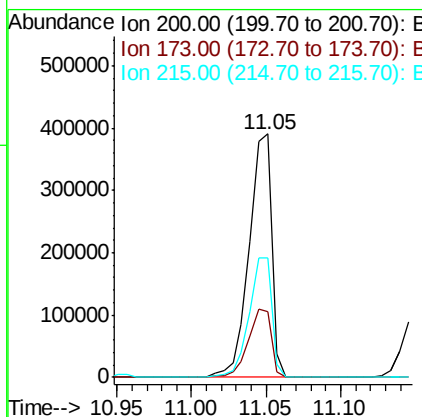
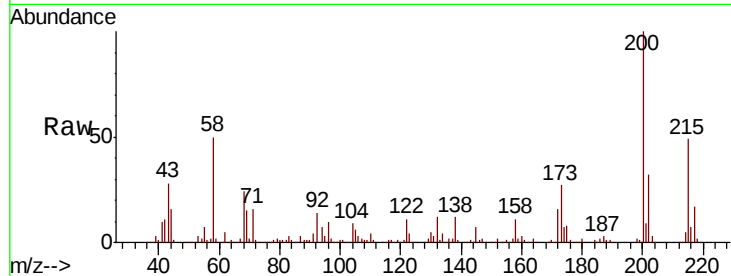
#69
Atrazine
Concen: 50.024 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Instrument :
BNA_F
ClientSampled :
PB127937BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.9	9.3	49.3
215	49.3	29.5	69.5

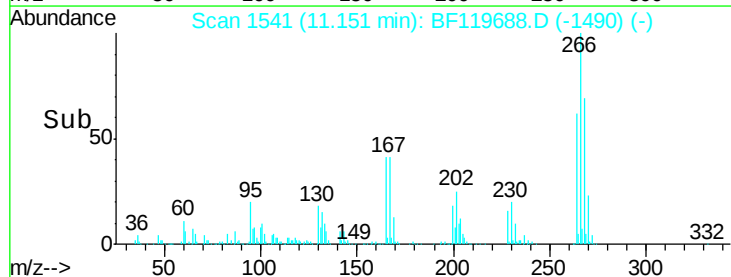
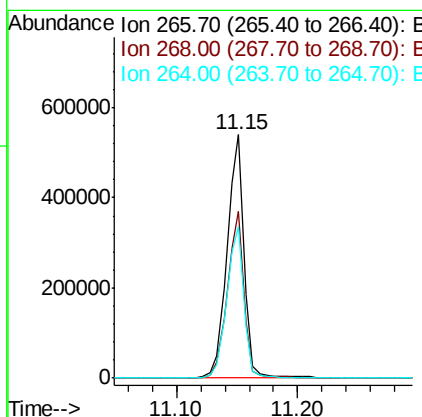
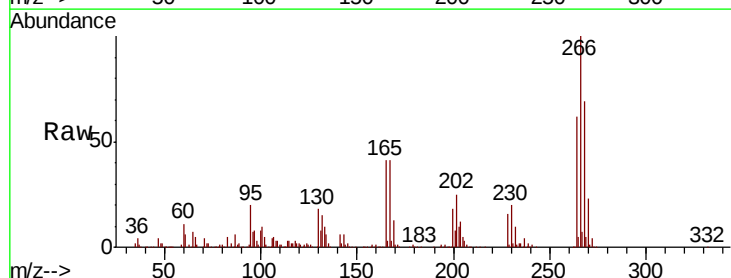
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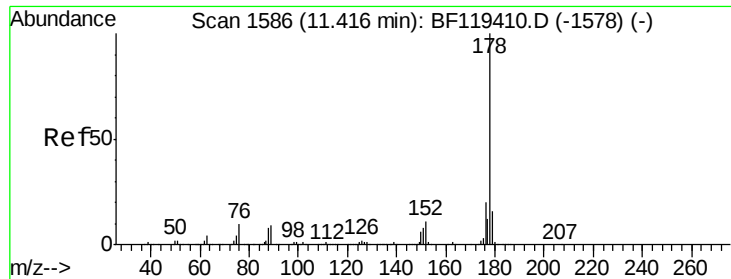
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#70
Pentachlorophenol
Concen: 85.124 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	68.8	53.3	79.9
264	62.1	49.0	73.4





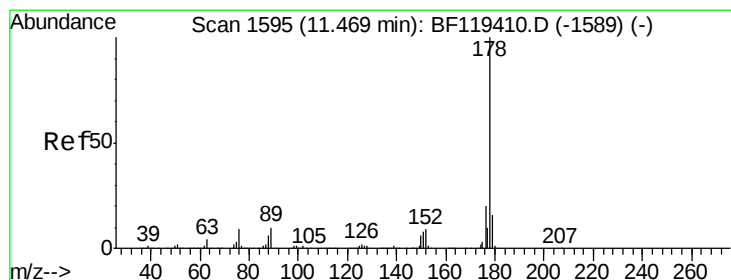
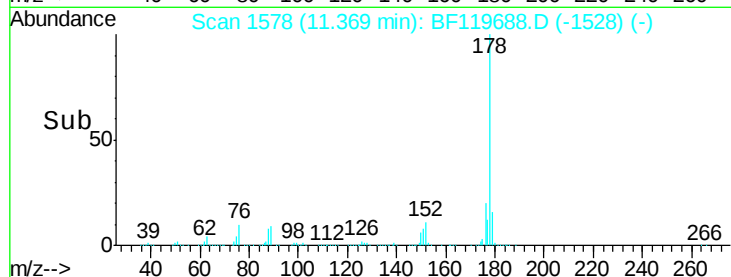
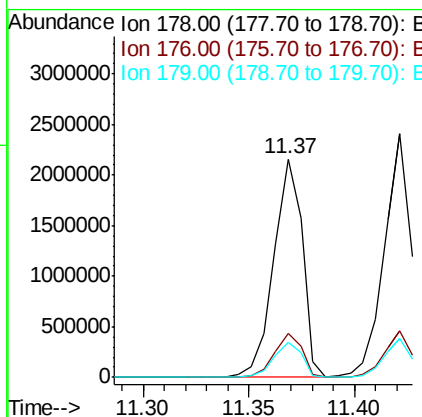
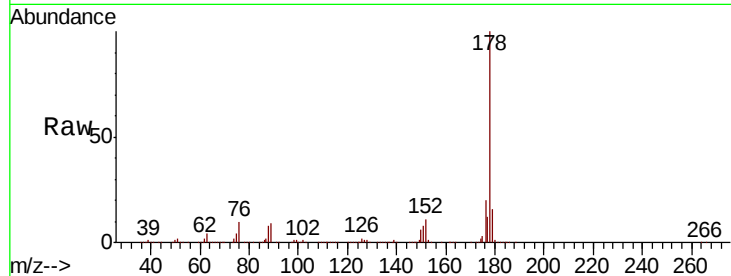
#71
Phenanthrene
Concen: 43.827 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Instrument :
BNA_F
ClientSampleId :
PB127937BS

Tot Ion:178 Resp: 2055603
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.4
179 16.2 13.2 19.8

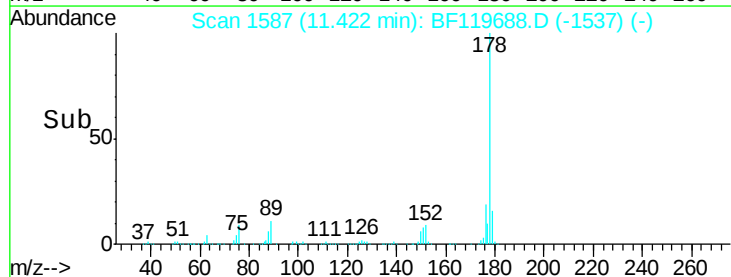
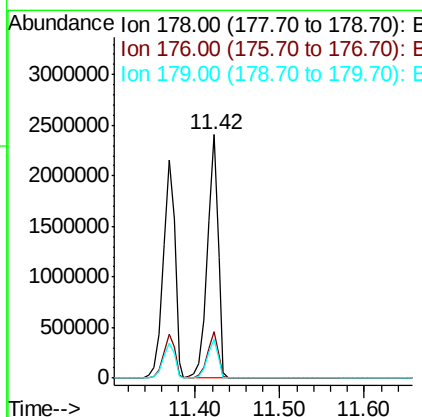
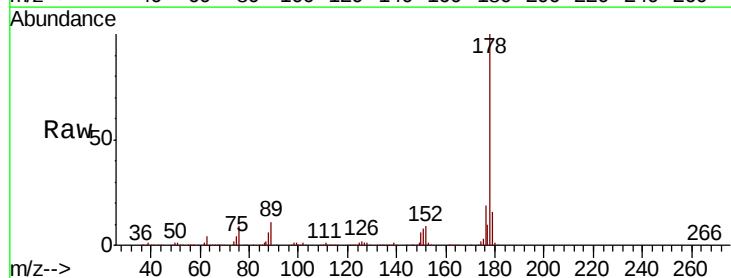
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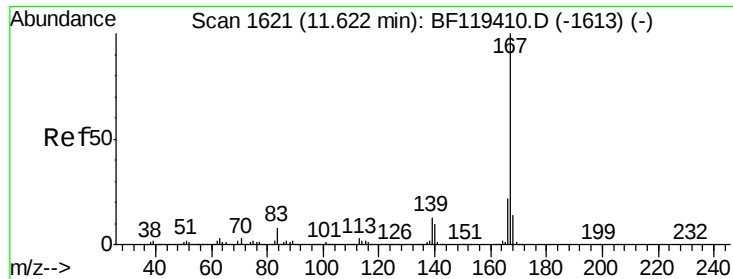
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#72
Anthracene
Concen: 44.355 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion:178 Resp: 2114347
Ion Ratio Lower Upper
178 100
176 19.3 16.1 24.1
179 16.0 13.0 19.4





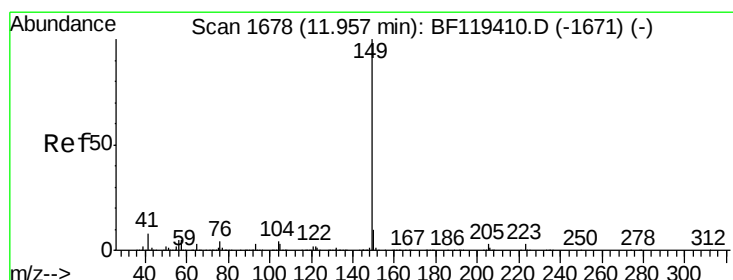
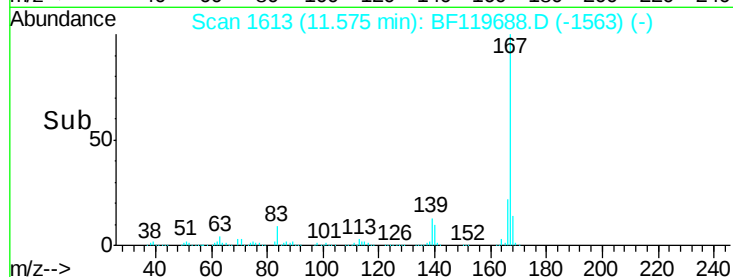
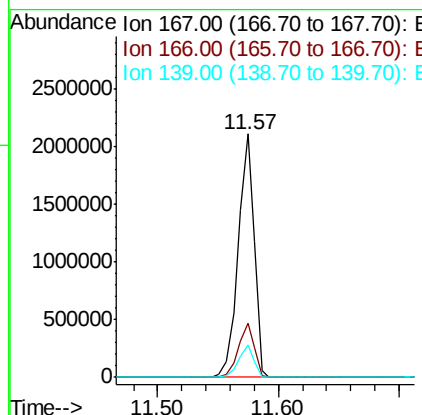
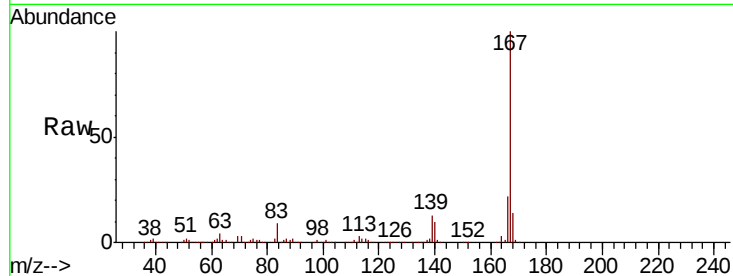
#73
 Carbazole
 Concen: 41.593 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BS

Tot Ion:167 Resp: 1962453
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.4
 139 13.3 10.7 16.1

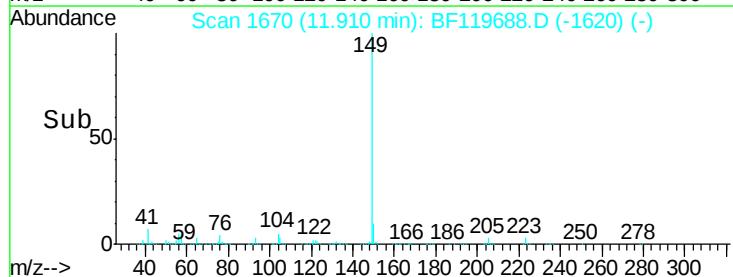
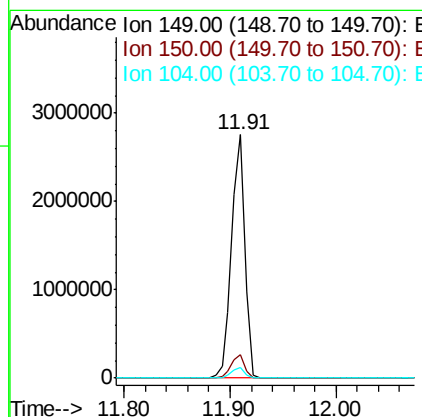
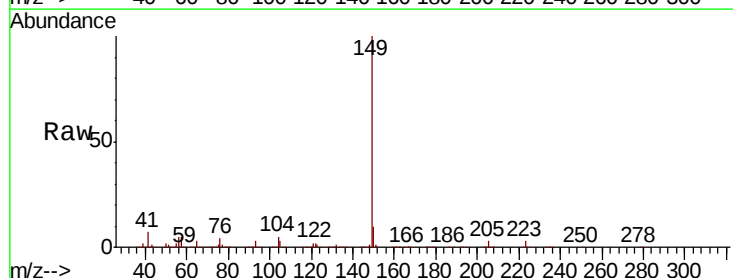
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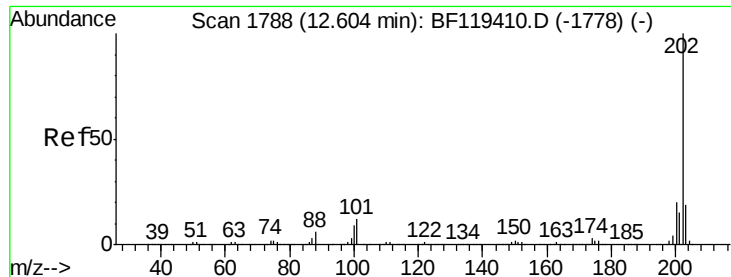
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#74
 Di-n-butylphthalate
 Concen: 47.460 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Tgt Ion:149 Resp: 2395450
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 4.6 3.6 5.4





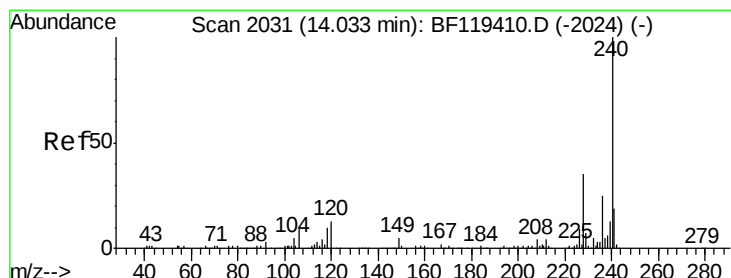
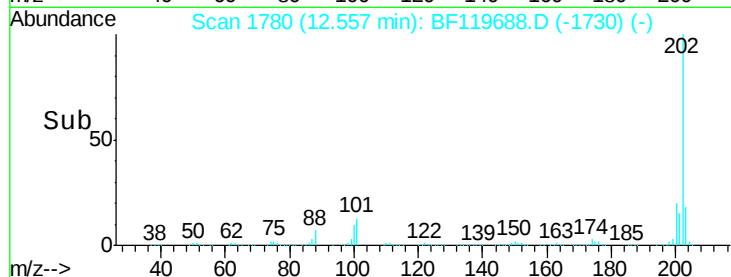
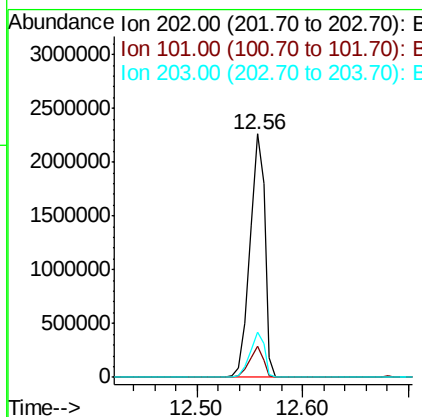
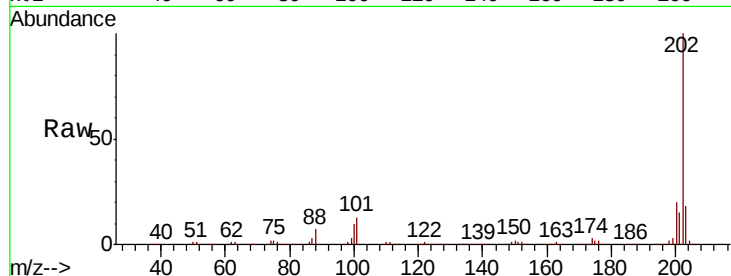
#75
 Fluoranthene
 Concen: 43.795 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2223022		
101	13.0	0.0	32.2	
203	18.4	0.0	38.8	

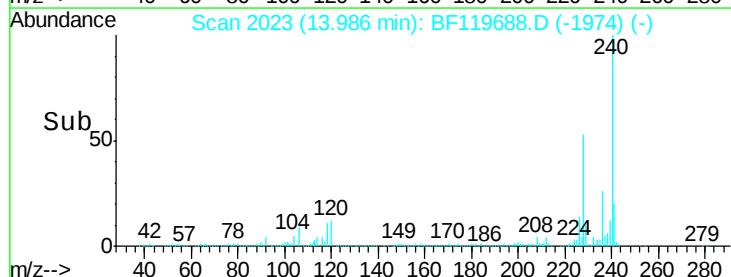
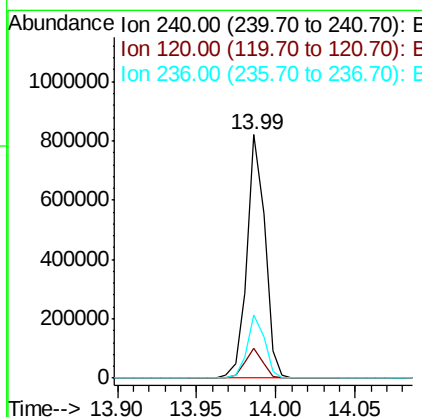
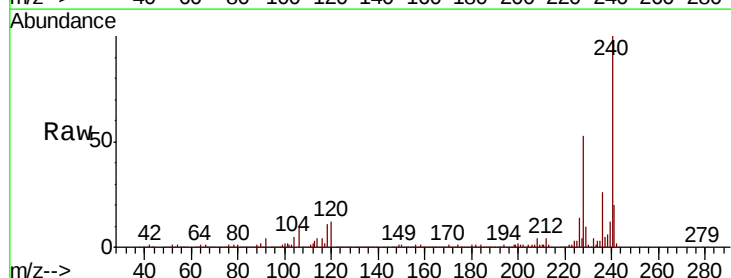
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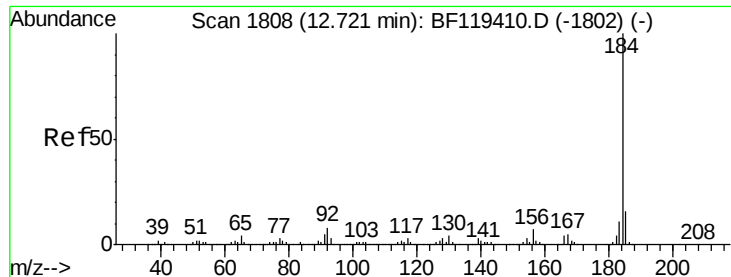
mohammad
 4/3/2020 11:14:36 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	645385		
120	12.5	10.6	15.8	
236	26.1	20.2	30.2	





#77

Benzidine

Concen: 55.305 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Instrument :

BNA_F

ClientSampleId :

PB127937BS

Tot Ion:184 Resp: 1510546

Ion Ratio Lower Upper

184 100

185 14.8 12.3 18.5

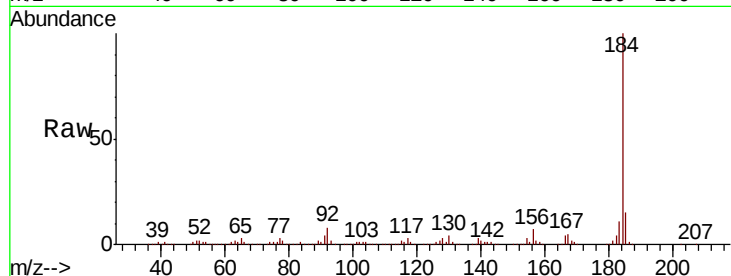
183 11.2 9.0 13.6

Manual Integrations

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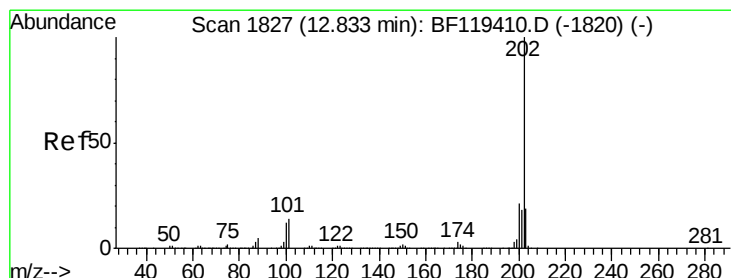
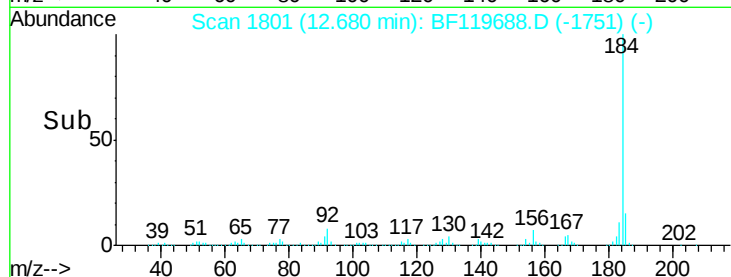
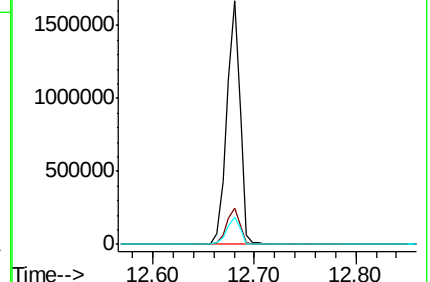
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.565 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

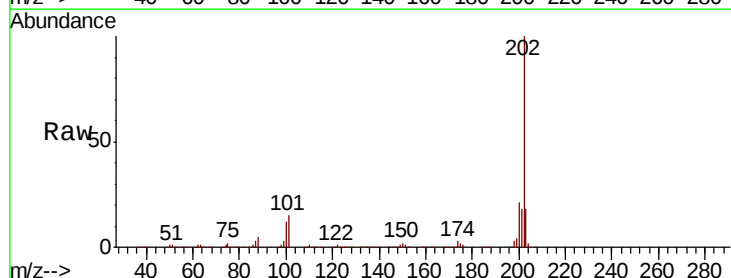
Tgt Ion:202 Resp: 2254529

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

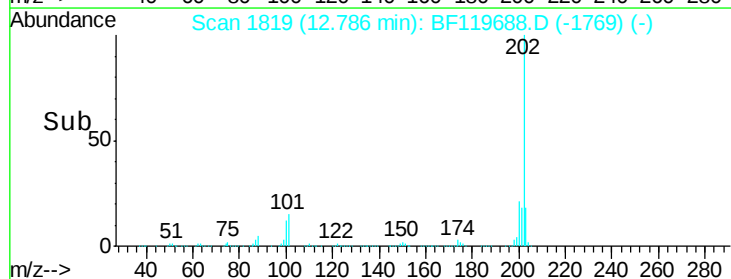
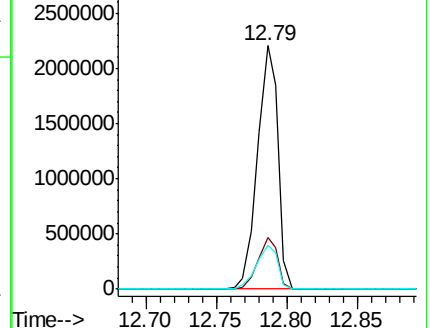
203 18.2 15.1 22.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





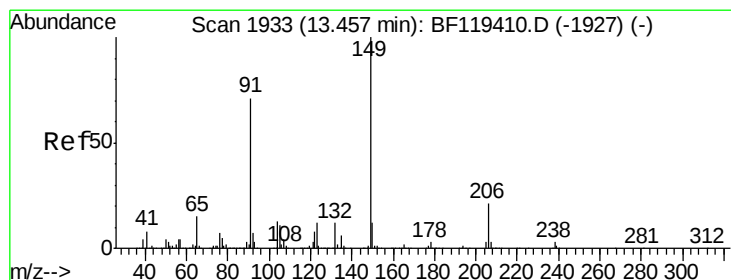
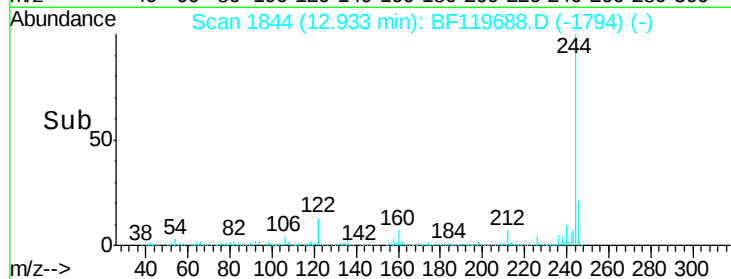
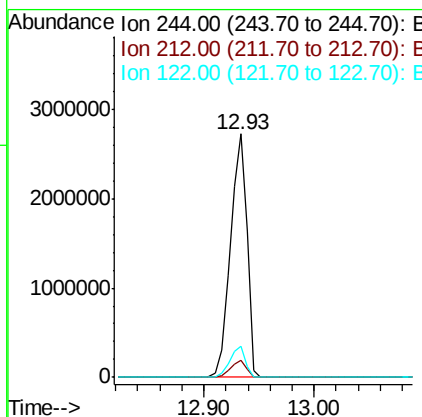
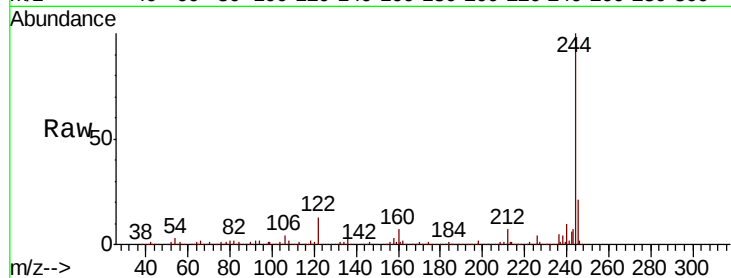
#79
 Terphenyl-d14
 Concen: 86.860 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.0	10.3	15.5

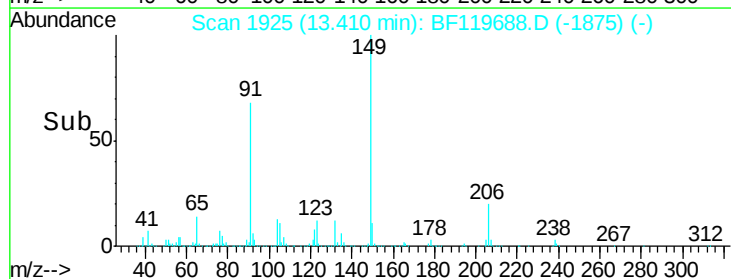
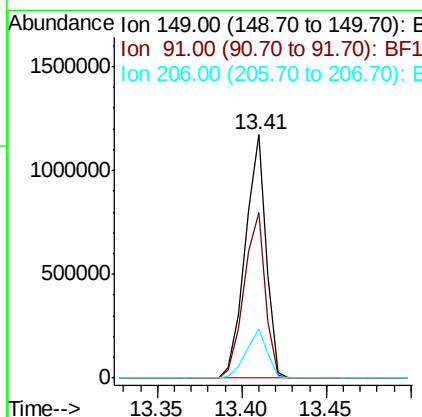
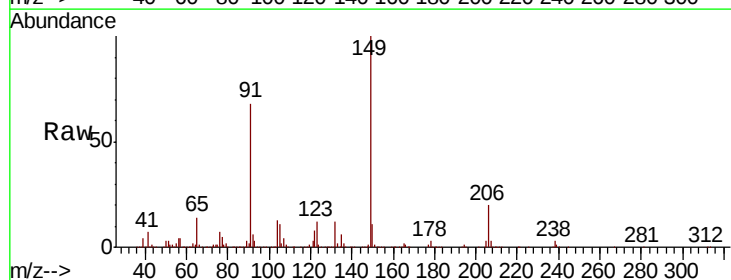
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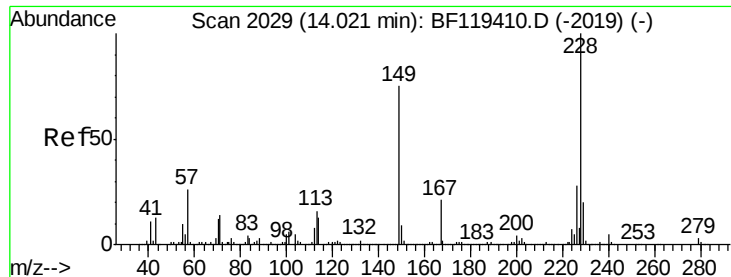
mohammad
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#80
 Butylbenzylphthalate
 Concen: 47.259 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.1	54.7	82.1
206	20.2	16.2	24.2





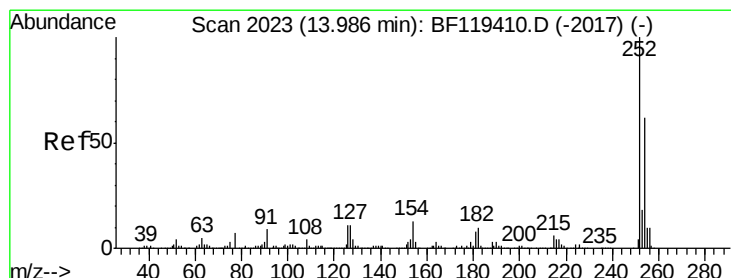
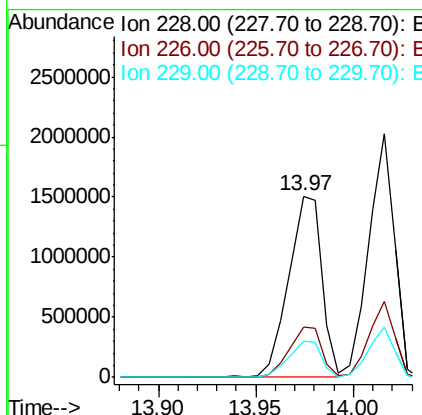
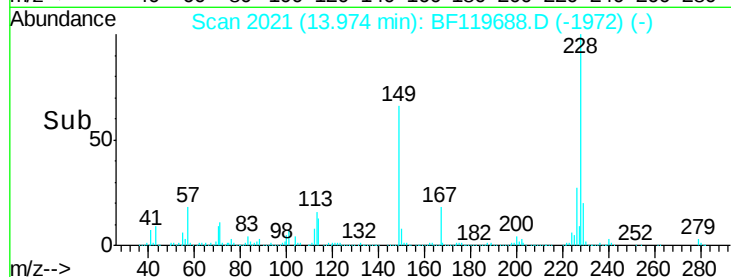
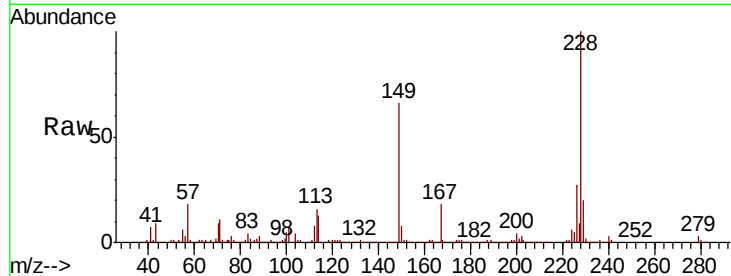
#81
Benzo(a)anthracene
Concen: 42.281 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Instrument :
BNA_F
ClientSampleId :
PB127937BS

Tot Ion: 228 Resp: 1774446
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.8
229 20.2 16.2 24.4

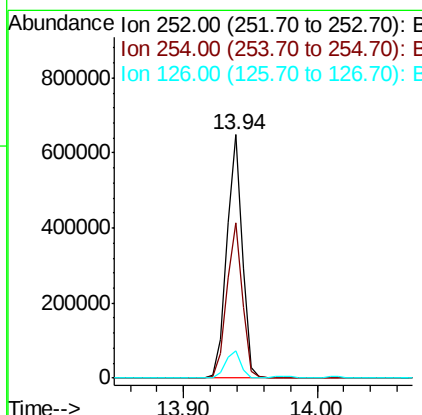
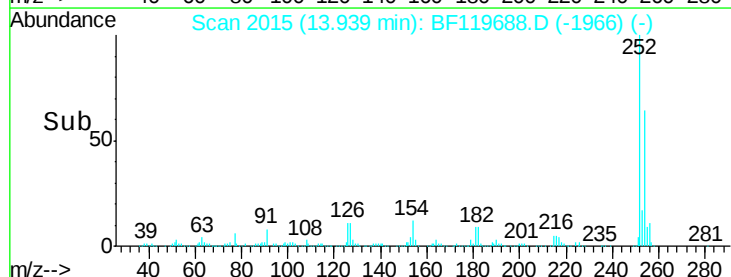
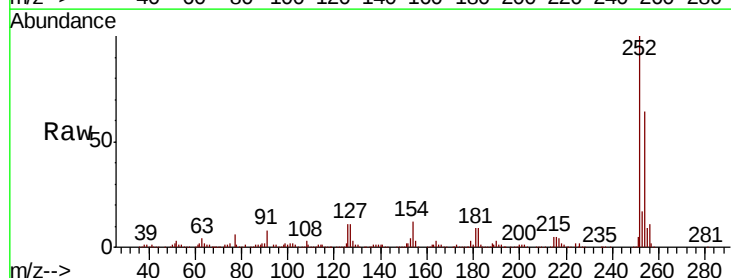
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#82
3,3'-Dichlorobenzidine
Concen: 32.151 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion: 252 Resp: 532031
Ion Ratio Lower Upper
252 100
254 64.0 51.2 76.8
126 11.0 9.6 14.4





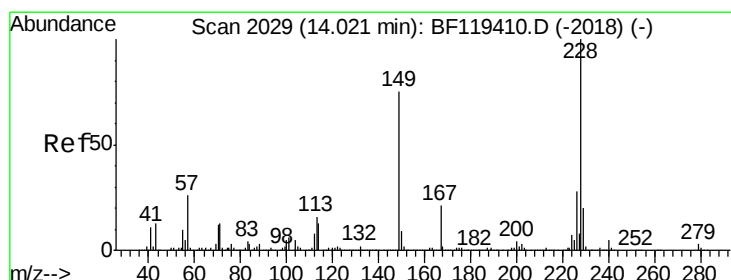
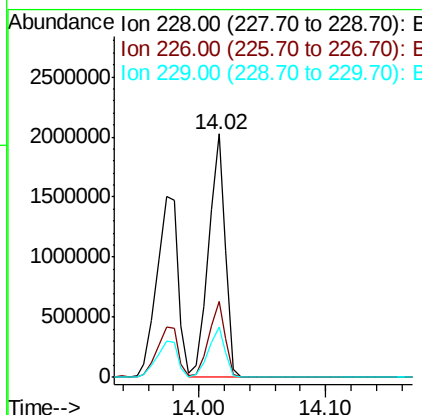
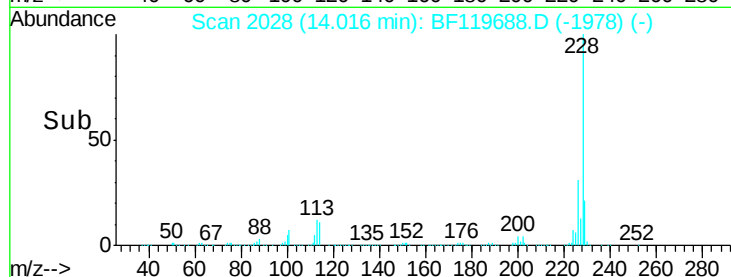
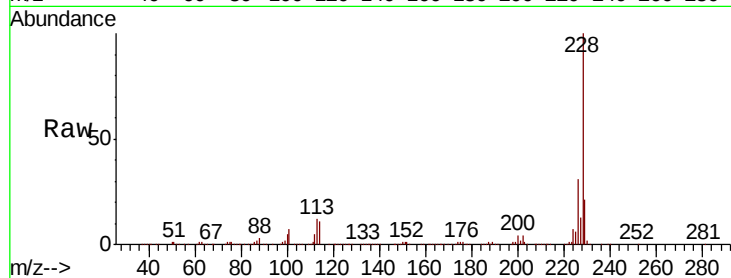
#83
 Chrysene
 Concen: 42.948 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Instrument :
 BNA_F
 ClientSampleID :
 PB127937BS

Tot Ion:228 Resp: 1860199
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.4 38.0
 229 20.6 16.6 24.8

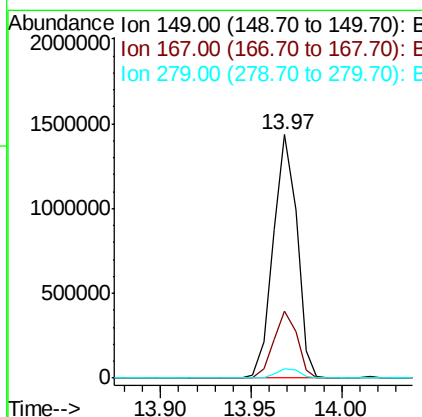
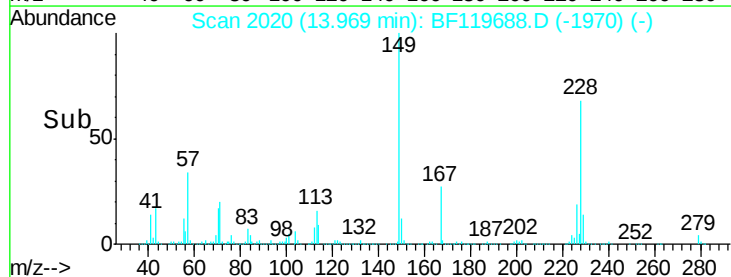
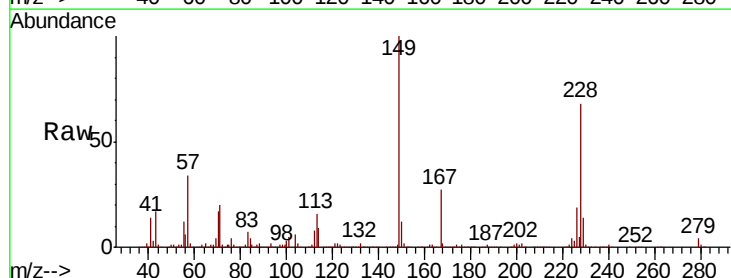
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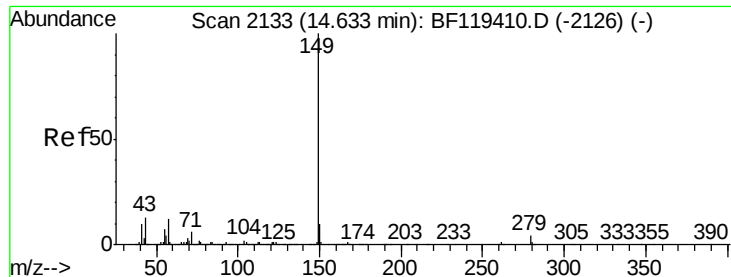
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.311 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Tgt Ion:149 Resp: 1310334
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.3 31.9
 279 3.6 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 52.370 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Instrument :

BNA_F

ClientSampleId :

PB127937BS

Tot Ion:149 Resp: 2352099

Ion Ratio Lower Upper

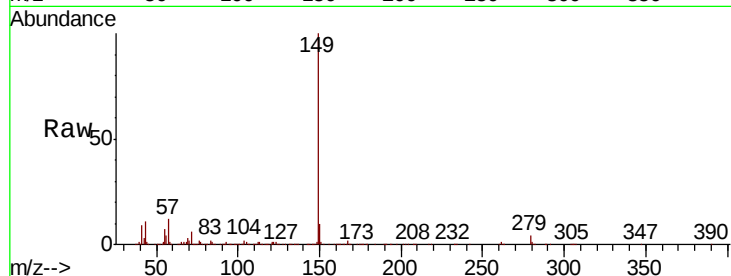
149 100

167 1.5 1.2 1.8

43 10.8 9.3 13.9

Manual Integrations
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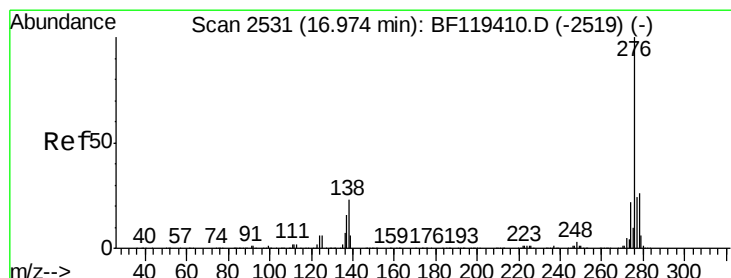
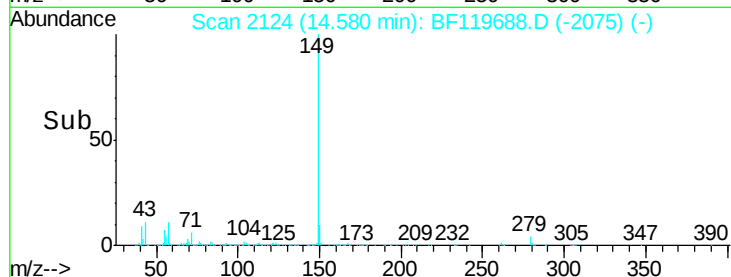
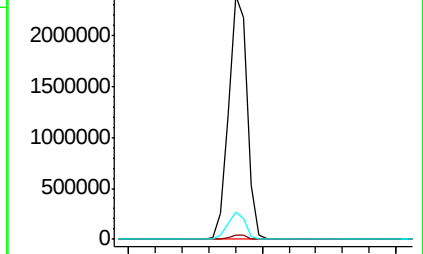
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 50.451 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.02 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

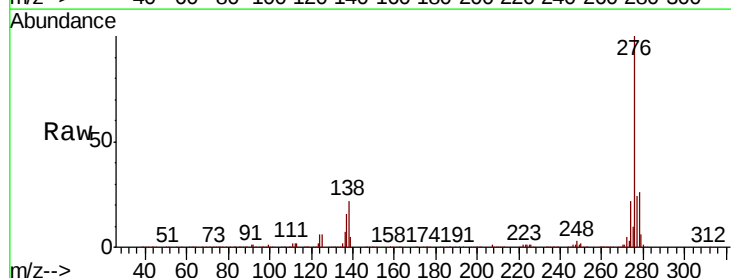
Tgt Ion:276 Resp: 2058017

Ion Ratio Lower Upper

276 100

138 25.3 19.6 29.4

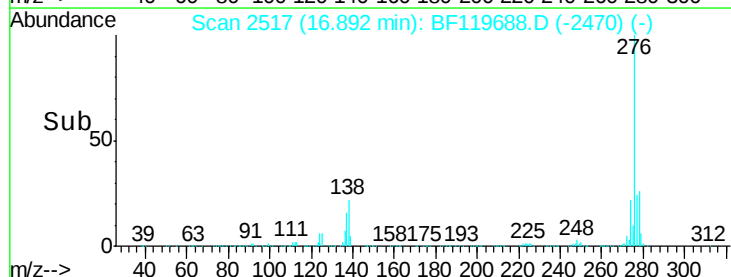
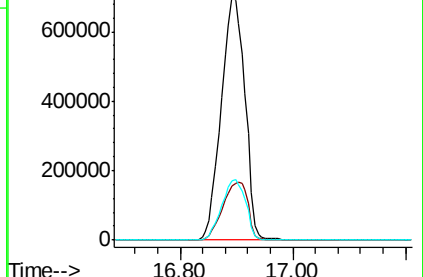
277 25.2 20.0 30.0

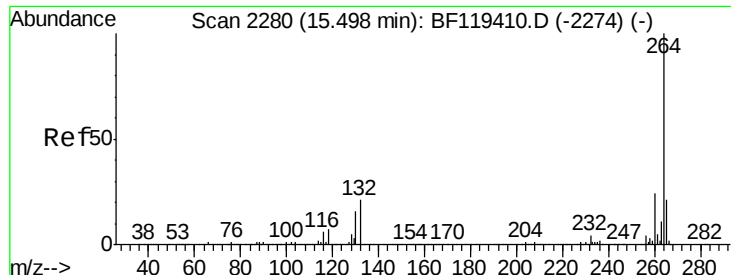


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





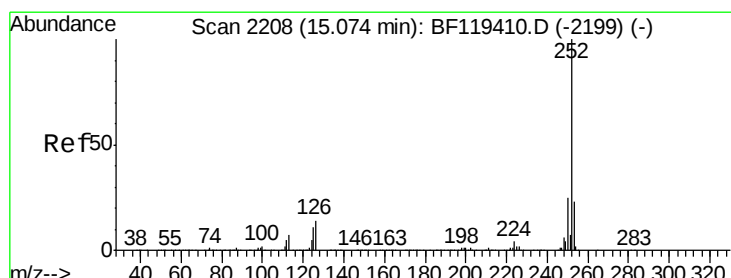
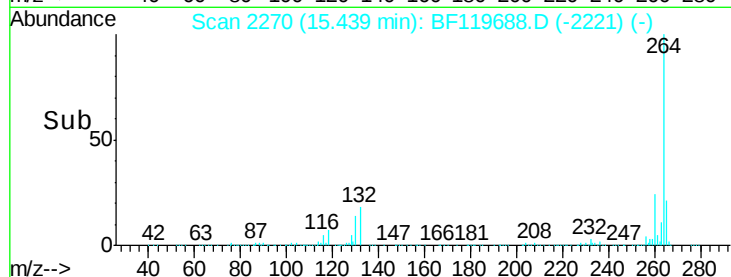
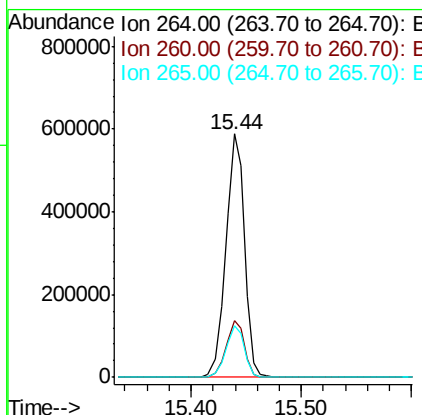
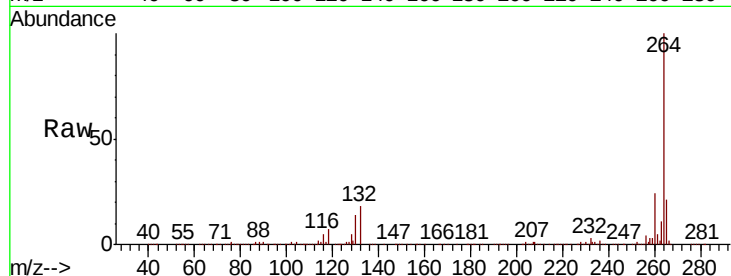
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Instrument :
BNA_F
ClientSampleId :
PB127937BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.1	17.7	26.5

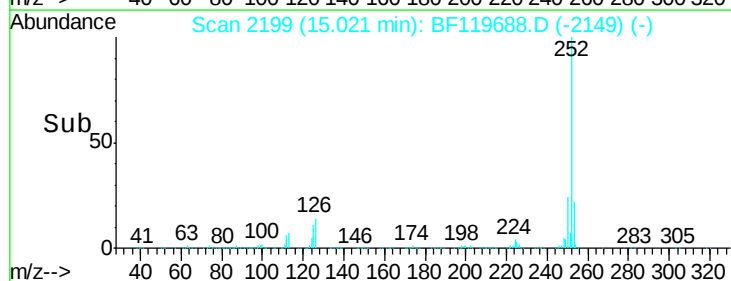
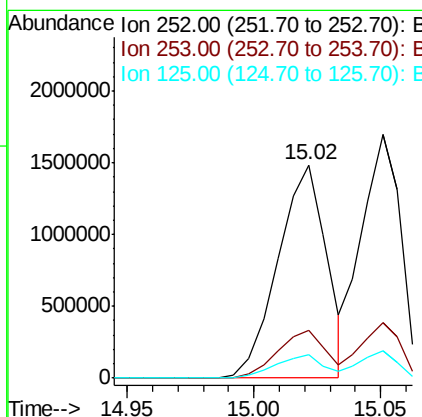
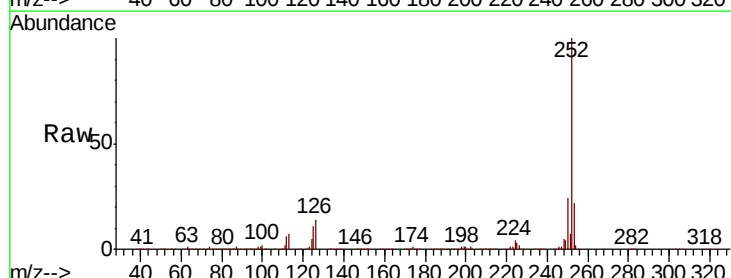
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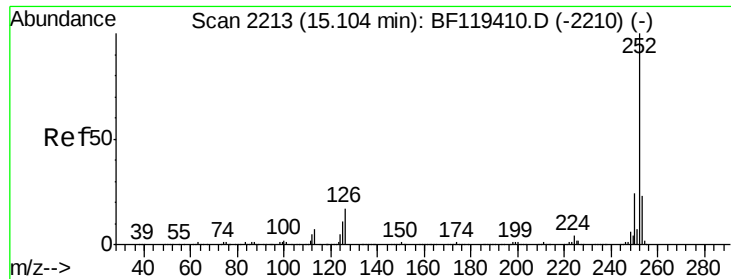
mohammad
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#88
Benzo(b)fluoranthene
Concen: 42.705 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	10.8	7.9	11.9





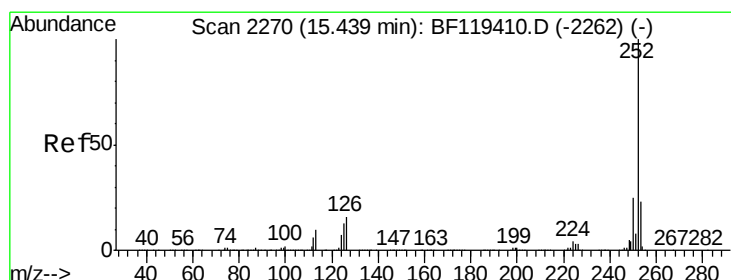
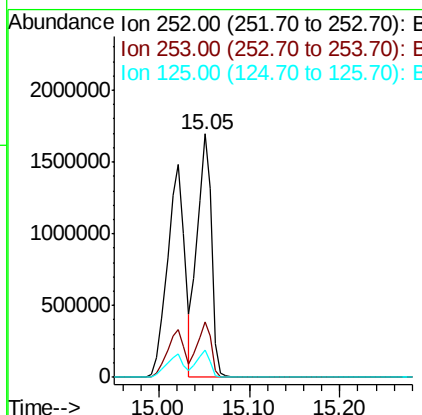
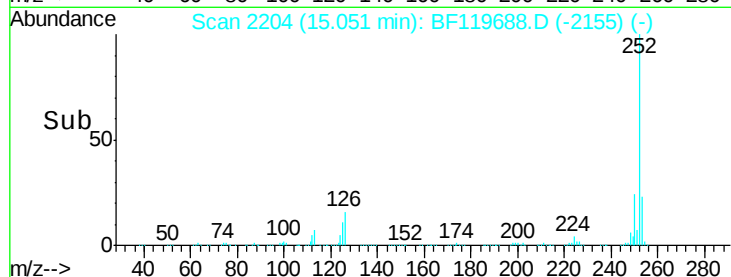
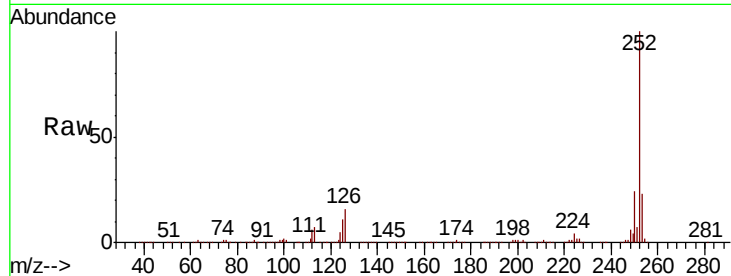
#89
Benzo(k)fluoranthene
Concen: 41.855 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Instrument :
BNA_F
ClientSampleId :
PB127937BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	11.2	8.4	12.6

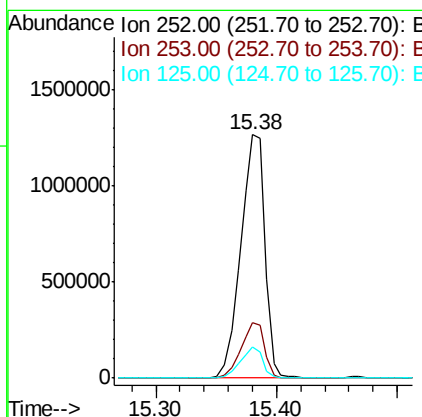
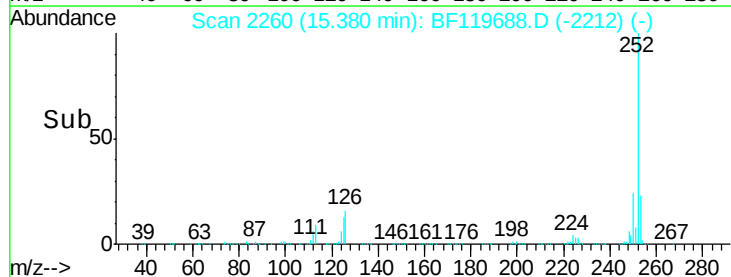
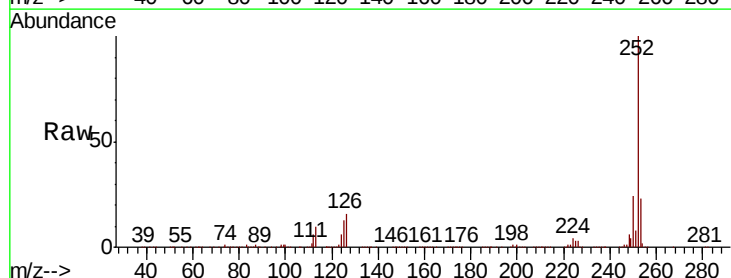
Manual Integrations
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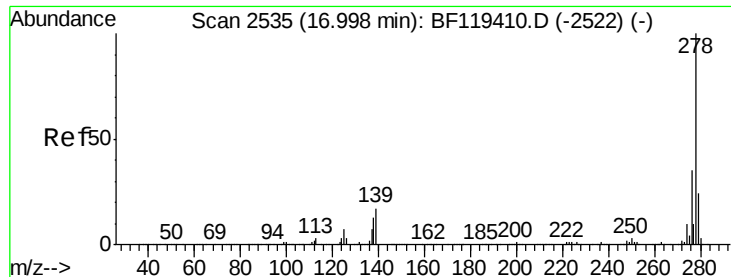
mohammad
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#90
Benzo(a)pyrene
Concen: 42.054 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	12.6	9.4	14.2





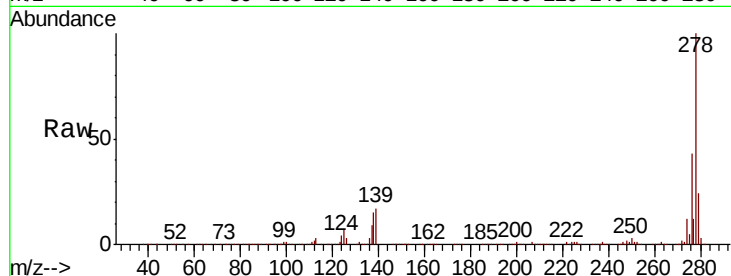
#91
Dibenzo(a,h)anthracene
Concen: 45.478 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.02 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Instrument :
BNA_F
ClientSampleId :
PB127937BS

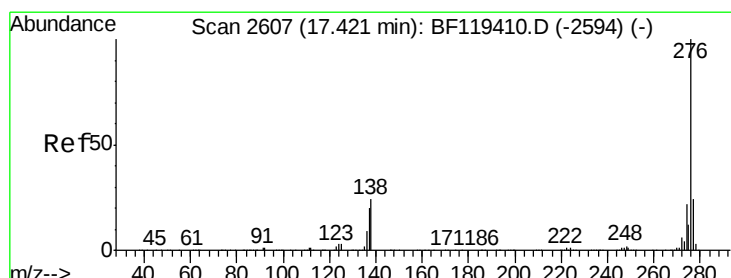
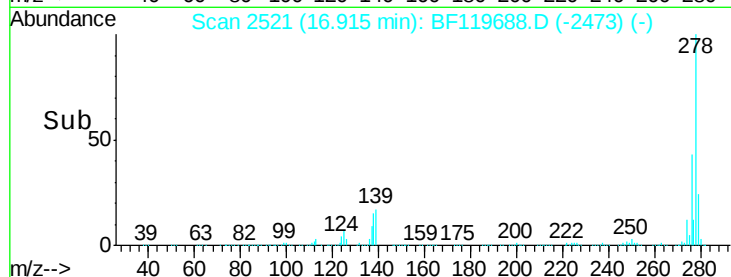
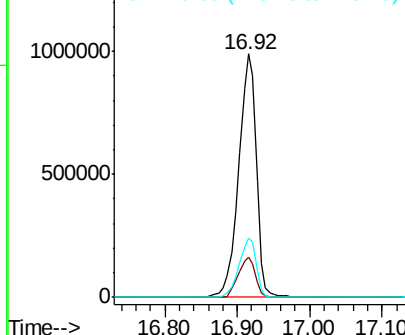
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.6	19.0
279	24.2	19.0	28.6

Manual Integrations
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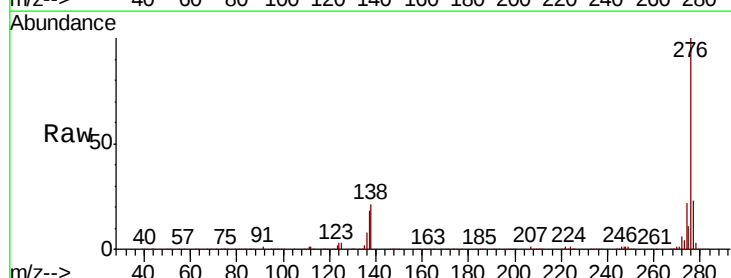


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.709 ng
RT: 17.34 min Scan# 2593
Delta R.T. -0.02 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.4	27.6
138	21.2	15.4	23.0



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

