

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119808.D
 Acq On : 7 Apr 2020 8:32
 Operator : MA/SJ
 Sample : L2135-05MS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2E-(7-9)MS

Manual Integrations
 APPROVED

mohammad
 4/8/2020 8:12:38 AM

Quant Time: Apr 07 09:05:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	188424	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	721162	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	369332	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	693508	20.00	ng	0.00
76) Chrysene-d12	13.96	240	499595	20.00	ng	0.00
87) Perylene-d12	15.40	264	505122	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1477165	124.80	ng	0.02
7) Phenol-d6	6.42	99	1929024	127.58	ng	0.00
23) Nitrobenzene-d5	7.35	82	1185581	89.35	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	546798	143.51	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2163107	86.77	ng	0.00
79) Terphenyl-d14	12.90	244	2253482	88.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	239732	41.009	ng	99
3) Pyridine	3.28	79	653169	40.557	ng	94
4) n-Nitrosodimethylamine	3.23	42	346318	44.096	ng	94
6) Aniline	6.45	93	478507	22.930	ng	99
8) 2-Chlorophenol	6.57	128	680579	54.746	ng	99
9) Benzaldehyde	6.33	77	343476	35.809	ng	98
10) Phenol	6.43	94	843296	52.270	ng	94
11) bis(2-Chloroethyl)ether	6.52	93	644063	49.914	ng	97
12) 1,3-Dichlorobenzene	6.72	146	688096	51.142	ng	97
13) 1,4-Dichlorobenzene	6.80	146	699303	51.962	ng	98
14) 1,2-Dichlorobenzene	6.96	146	644360	51.224	ng	98
15) Benzyl Alcohol	6.93	79	556848	48.959	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1116164	42.885	ng	98
17) 2-Methylphenol	7.05	107	543246	47.694	ng	98
18) Hexachloroethane	7.30	117	263641	53.456	ng	99
19) n-Nitroso-di-n-propylamine	7.20	70	451712	49.564	ng	98
20) 3+4-Methylphenols	7.20	107	660619	47.325	ng	# 79
22) Acetophenone	7.20	105	867534	50.345	ng	# 89
24) Nitrobenzene	7.37	77	698063	49.226	ng	99
25) Isophorone	7.61	82	1259835	46.804	ng	99
26) 2-Nitrophenol	7.69	139	364279	65.242	ng	92
27) 2,4-Dimethylphenol	7.73	122	561976	48.675	ng	100
28) bis(2-Chloroethoxy)methane	7.82	93	802279	50.404	ng	99
29) 2,4-Dichlorophenol	7.93	162	554198	52.242	ng	99
30) 1,2,4-Trichlorobenzene	8.01	180	593521	50.591	ng	99
31) Naphthalene	8.09	128	1887446	50.858	ng	99
32) Benzoic acid	7.86	122	445903	60.041	ng	96
33) 4-Chloroaniline	8.14	127	151292	8.897	ng	98
34) Hexachlorobutadiene	8.21	225	339936	51.788	ng	99
35) Caprolactam	8.52	113	171625m	49.433	ng	
36) 4-Chloro-3-methylphenol	8.63	107	594480	51.273	ng	99
37) 2-Methylnaphthalene	8.79	142	1269215	52.111	ng	99
38) 1-Methylnaphthalene	8.89	142	1205889	52.308	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	558897	51.628	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	559582	90.924	nq	98
43) 2,4,6-Trichlorophenol	9.06	196	406264	52.442	nq	98
44) 2,4,5-Trichlorophenol	9.11	196	427207	49.227	nq	95
46) 1,1'-Biphenyl	9.25	154	1513349	50.310	nq	98
47) 2-Chloronaphthalene	9.27	162	1175638	49.895	nq	100
48) 2-Nitroaniline	9.37	65	417816	51.374	nq	91
49) Acenaphthylene	9.69	152	1840049	49.729	nq	99
50) Dimethylphthalate	9.56	163	1616554	61.621	nq	99
51) 2,6-Dinitrotoluene	9.62	165	309970	55.125	nq	89
52) Acenaphthene	9.86	154	1129205	48.953	nq	100
53) 3-Nitroaniline	9.78	138	114542	16.135	nq	94
54) 2,4-Dinitrophenol	9.89	184	229715	93.102	nq	98
55) Dibenzofuran	10.04	168	1650322	49.901	nq	99
56) 4-Nitrophenol	9.96	139	514683	91.904	nq	95
57) 2,4-Dinitrotoluene	10.02	165	407657	57.550	nq	97
58) Fluorene	10.38	166	1262364	51.617	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	345965	53.333	nq	98
60) Diethylphthalate	10.26	149	1370060	51.456	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	604062	50.508	nq	97
62) 4-Nitroaniline	10.40	138	292379	42.950	nq	96
63) Azobenzene	10.53	77	1297837	48.404	nq	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	179031	61.564	nq	86
66) n-Nitrosodiphenylamine	10.49	169	1175171	51.618	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	402382	50.946	nq	98
68) Hexachlorobenzene	10.93	284	432074	53.451	nq	98
69) Atrazine	11.02	200	346914	55.582	nq	99
70) Pentachlorophenol	11.12	266	463452	97.778	nq	97
71) Phenanthrene	11.35	178	1814525	50.459	nq	99
72) Anthracene	11.40	178	1888267	51.666	nq	98
73) Carbazole	11.55	167	1722112	47.605	nq	99
74) Di-n-butylphthalate	11.89	149	2104509	54.383	nq	99
75) Fluoranthene	12.53	202	1971190	50.650	nq	97
77) Benzidine	12.65	184	721579	34.129	nq	98
78) Pyrene	12.76	202	1970695	48.064	nq	98
80) Butylbenzylphthalate	13.38	149	881426	53.152	nq	98
81) Benzo(a)anthracene	13.95	228	1597423	49.170	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	365996	28.572	nq	99
83) Chrysene	13.99	228	1629674	48.605	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1139469	57.641	nq	99
85) Di-n-octyl phthalate	14.56	149	2048457	58.919	nq	98
86) Indeno(1,2,3-cd)pyrene	16.83	276	1701226	53.875	nq	99
88) Benzo(b)fluoranthene	14.99	252	1842662	54.610	nq	98
89) Benzo(k)fluoranthene	15.02	252	1488691	46.334	nq	98
90) Benzo(a)pyrene	15.34	252	1514390	49.386	nq	99
91) Dibenzo(a,h)anthracene	16.86	278	1415218	52.765	nq	99
92) Benzo(g,h,i)perylene	17.27	276	1387128	51.480	nq	98

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

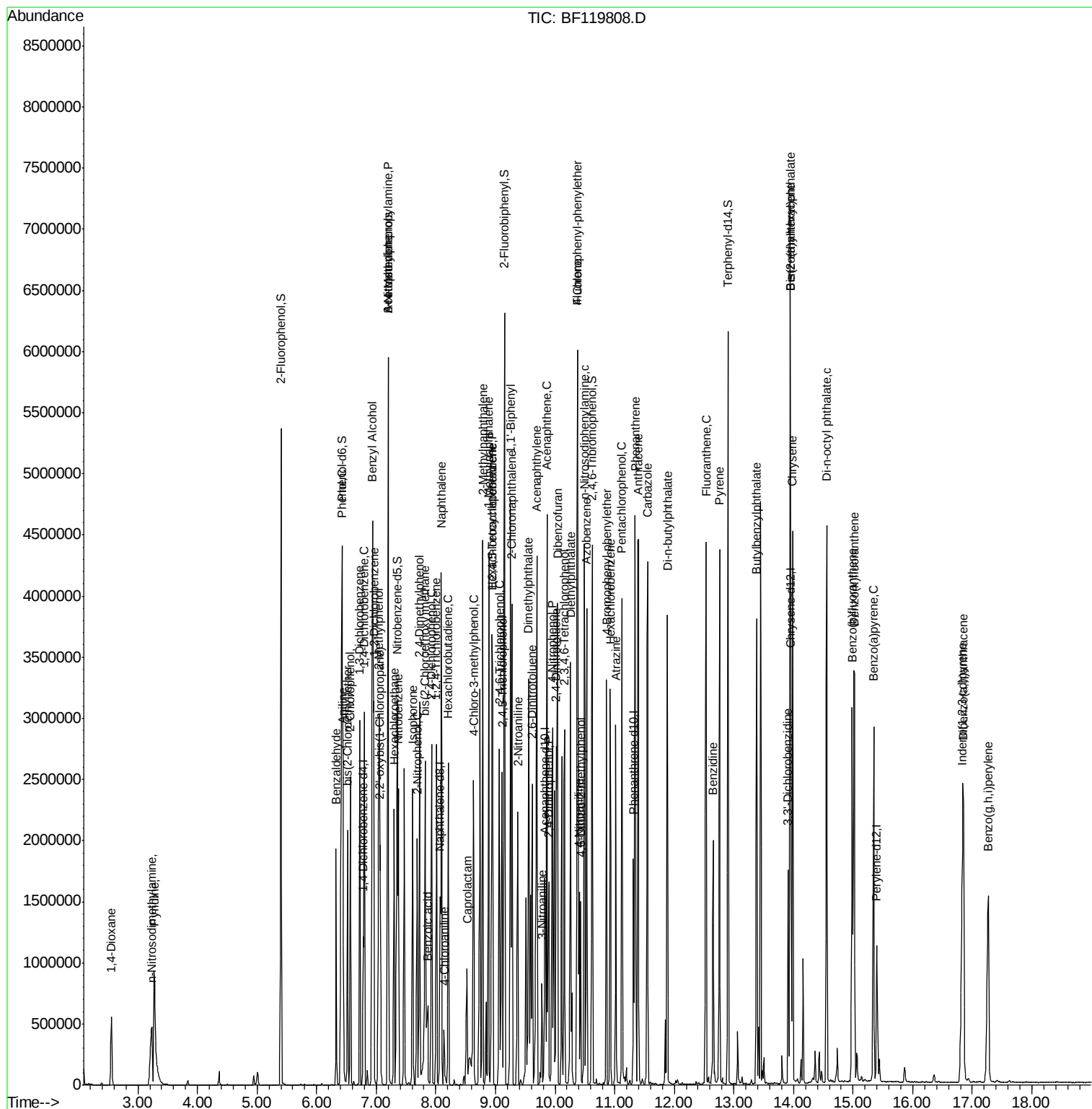
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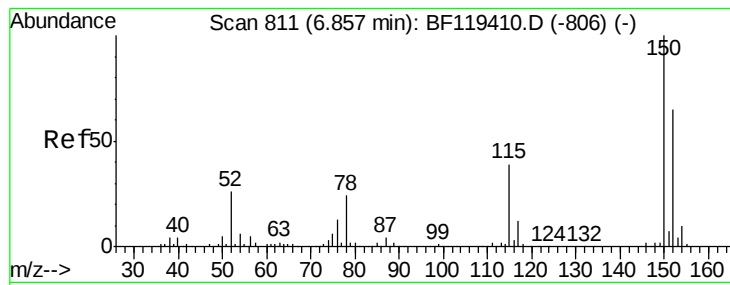
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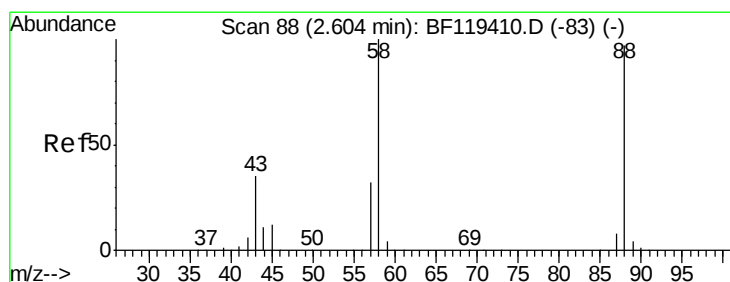
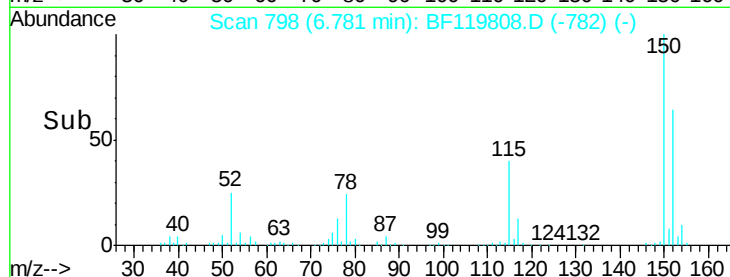
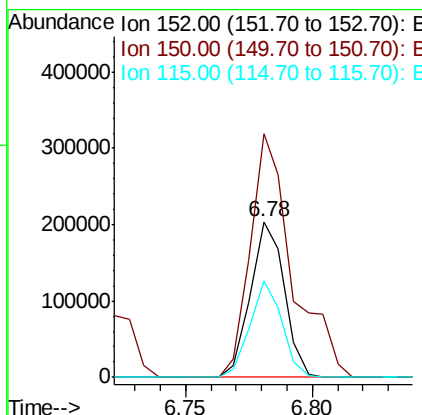
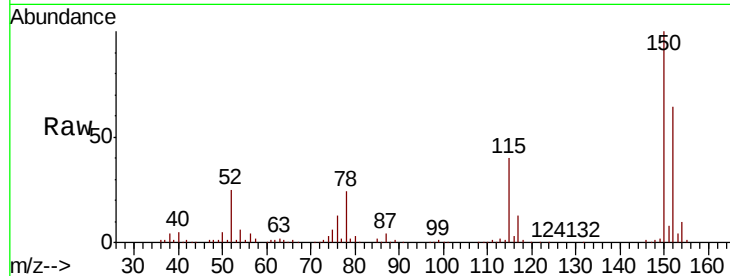
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF119808.D
 Acq: 7 Apr 2020 8:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-2E-(7-9)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.5	186.7
115	62.2	49.6	74.4

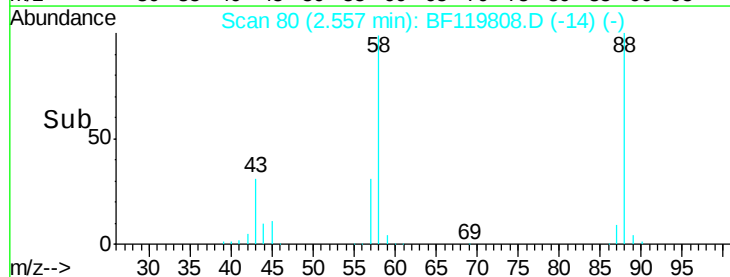
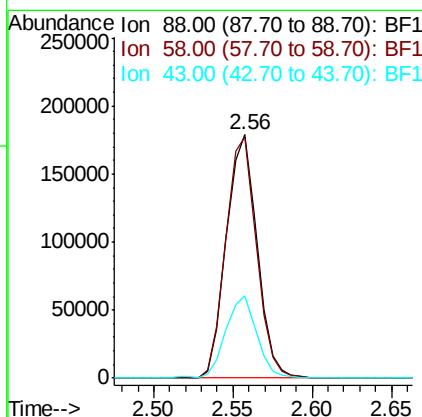
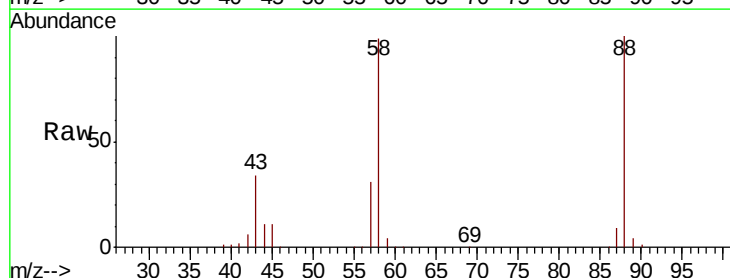
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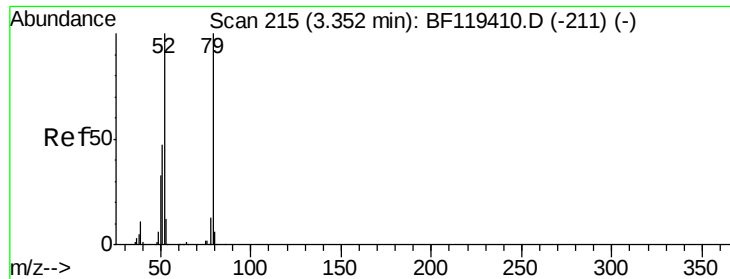
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#2
 1,4-Dioxane
 Concen: 41.009 ng
 RT: 2.56 min Scan# 80
 Delta R.T. 0.09 min
 Lab File: BF119808.D
 Acq: 7 Apr 2020 8:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.5	80.6	121.0
43	34.9	27.5	41.3





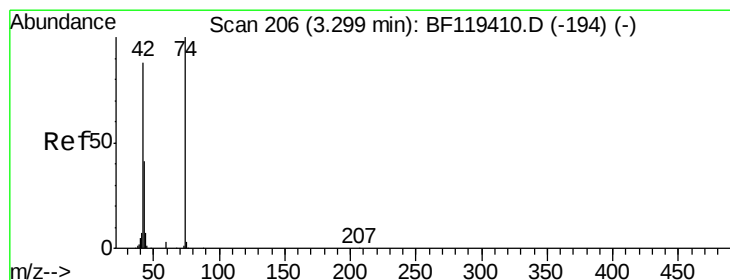
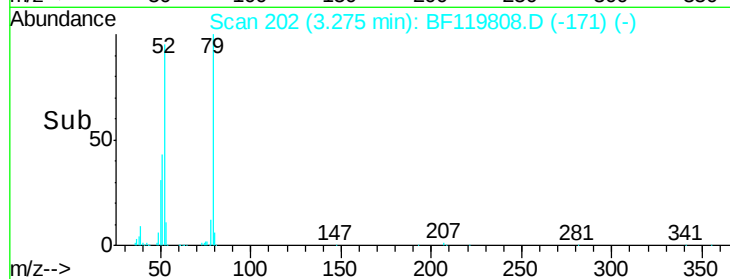
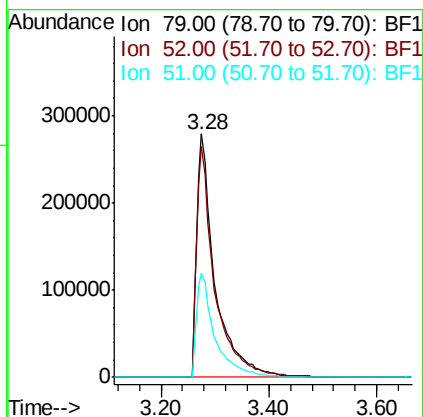
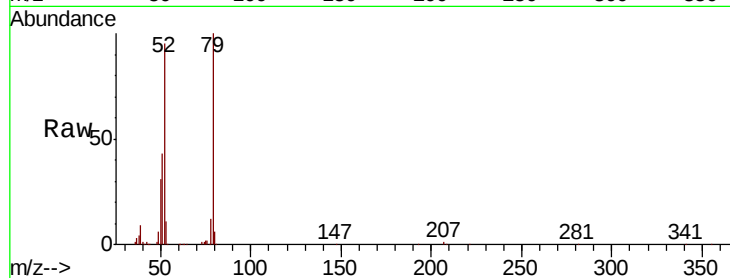
#3
 Pvridine
 Concen: 40.557 ng
 RT: 3.28 min Scan# 202
 Delta R.T. 0.08 min
 Lab File: BF119808.D
 Acq: 7 Apr 2020 8:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-2E-(7-9)MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	95.1	80.2	120.2
51	42.9	37.7	56.5

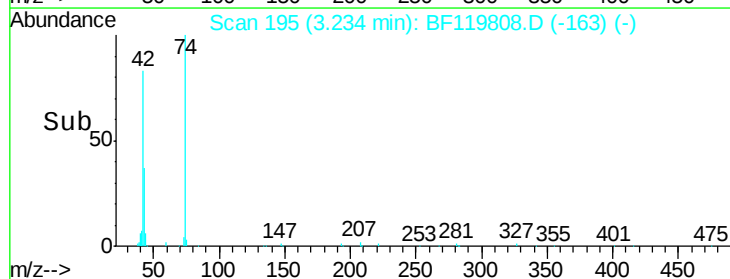
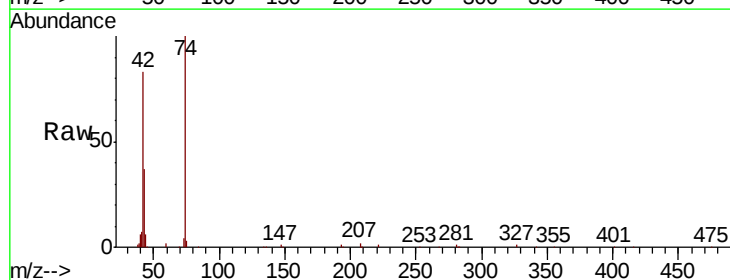
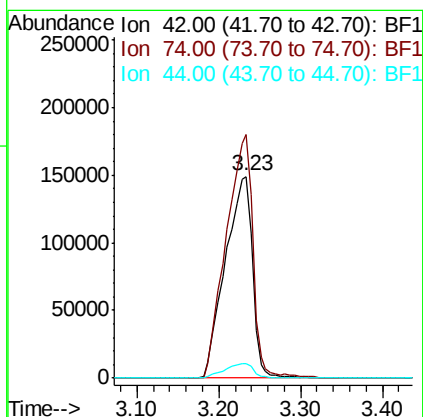
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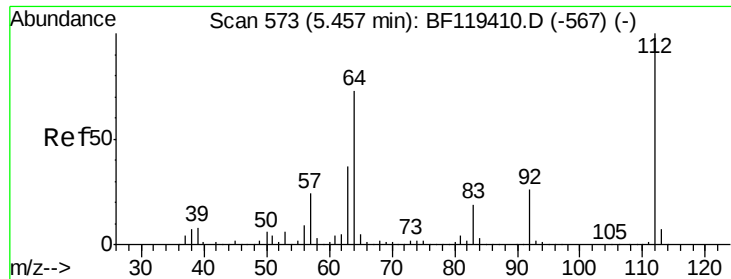
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#4
 n-Nitrosodimethylamine
 Concen: 44.096 ng
 RT: 3.23 min Scan# 195
 Delta R.T. 0.09 min
 Lab File: BF119808.D
 Acq: 7 Apr 2020 8:32

Tgt Ion	Ratio	Lower	Upper
42	100		
74	120.7	91.5	137.3
44	7.3	6.2	9.4





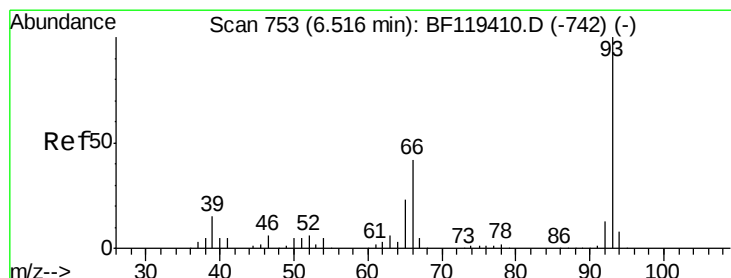
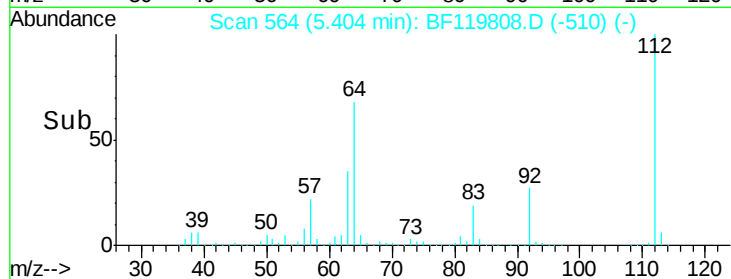
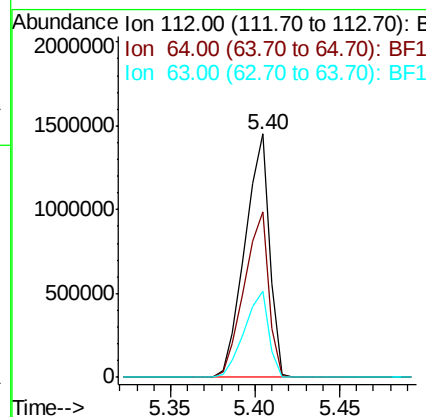
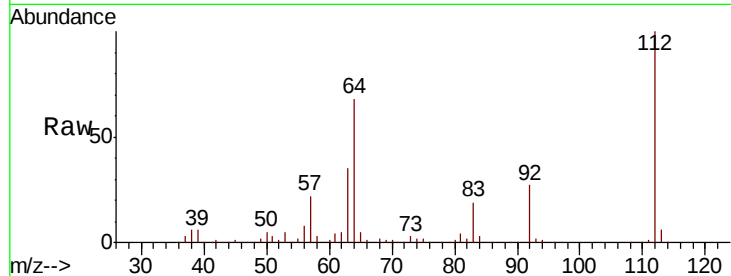
#5
2-Fluorophenol
Concen: 124.799 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Instrument :
BNA_F
ClientSampleId :
SB-2E-(7-9)MS

Tot Ion	Ratio	Lower	Upper
112	100		
64	68.1	56.7	85.1
63	35.2	29.5	44.3

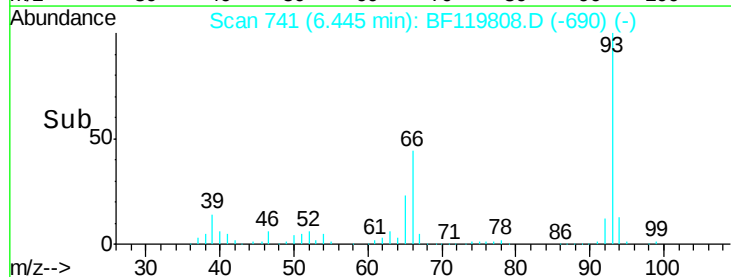
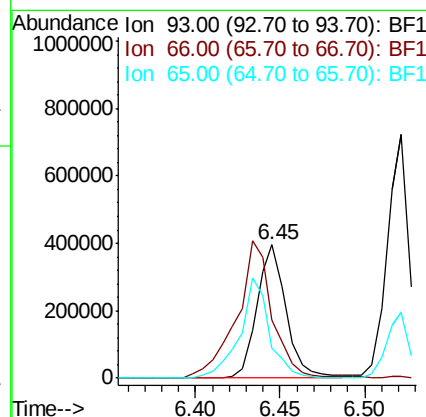
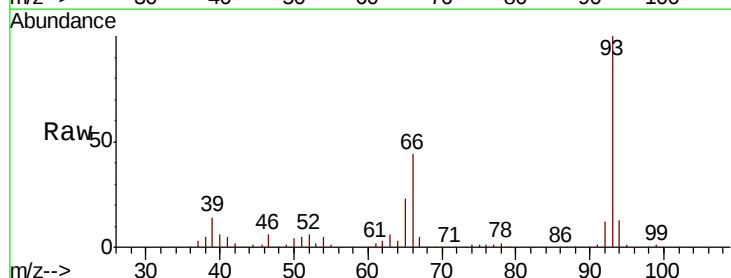
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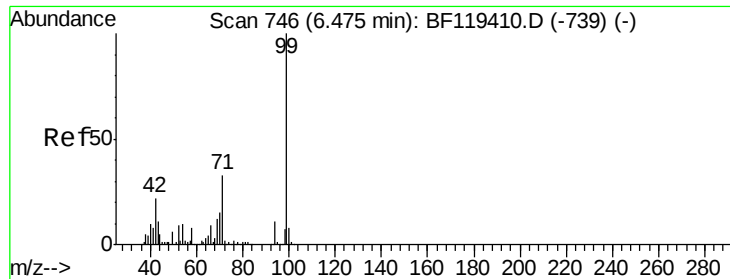
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#6
Aniline
Concen: 22.930 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Tgt Ion	Ratio	Lower	Upper
93	100		
66	44.1	34.9	52.3
65	22.9	18.6	27.8





#7

Phenol-d6

Concen: 127.580 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA_F

ClientSampleId :

SB-2E-(7-9)MS

Tot Ion: 99 Resp: 1929024

Ion Ratio Lower Upper

99 100

42 19.6 16.6 24.8

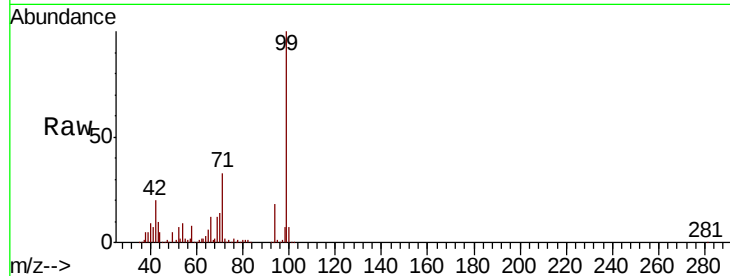
71 32.7 26.4 39.6

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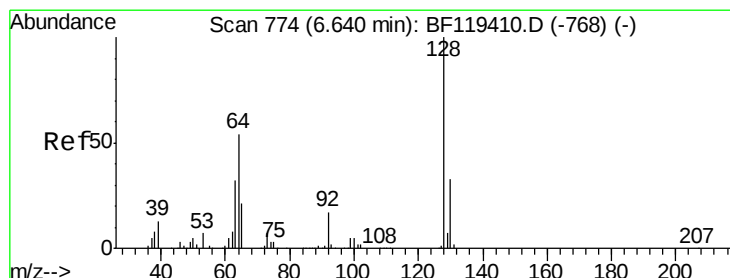
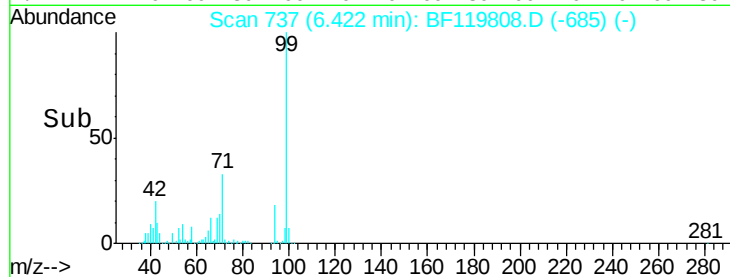
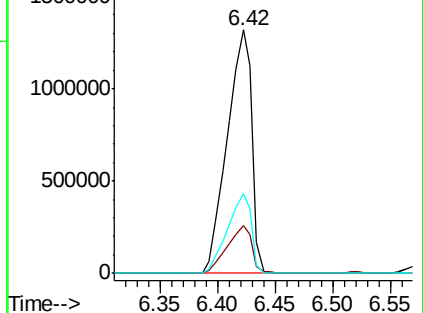
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 54.746 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

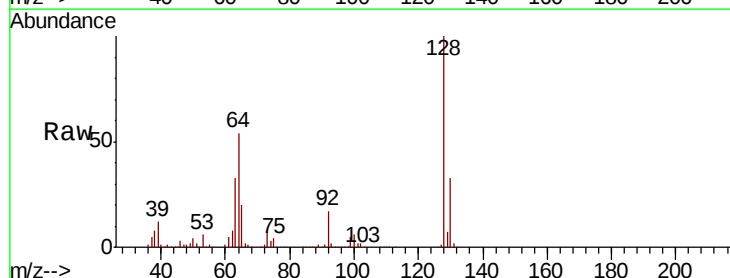
Tgt Ion:128 Resp: 680579

Ion Ratio Lower Upper

128 100

130 33.1 12.6 52.6

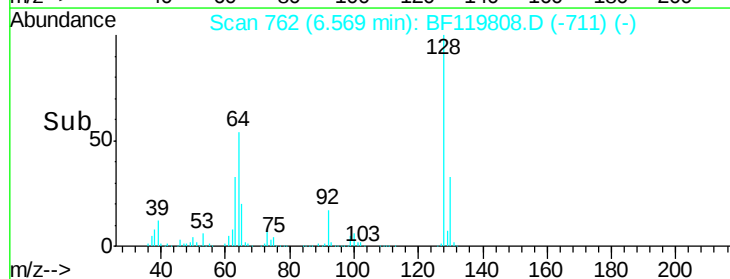
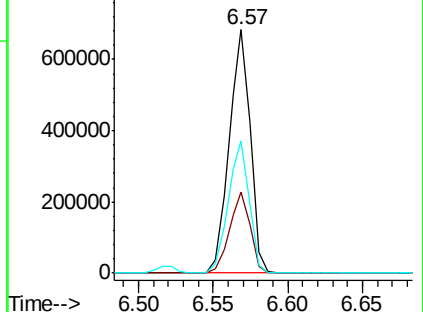
64 54.2 35.3 75.3

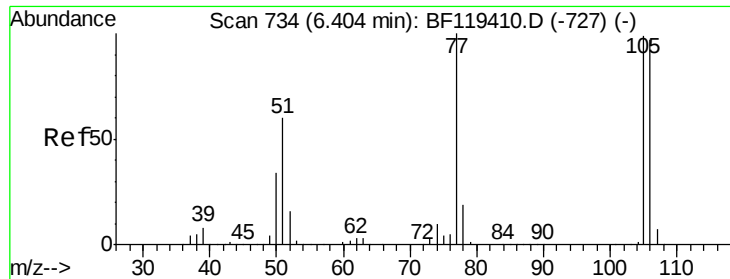


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.809 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA_F

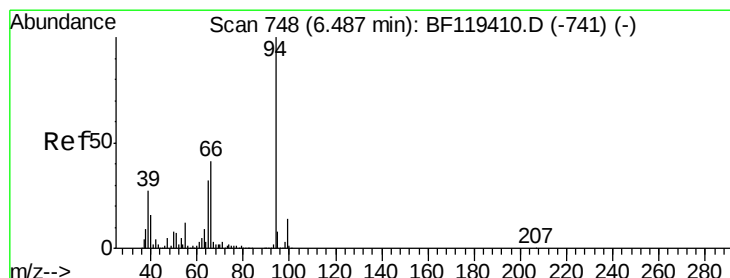
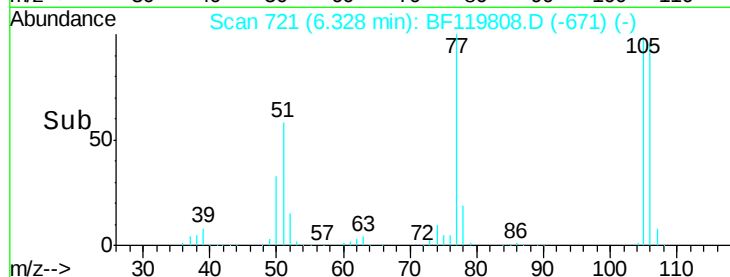
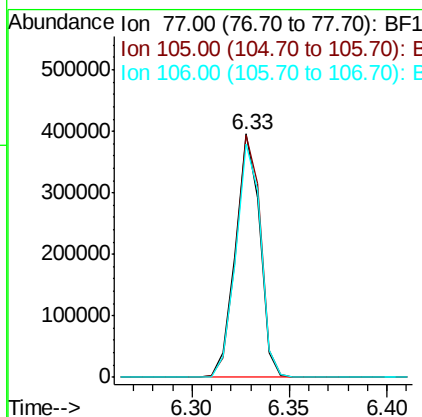
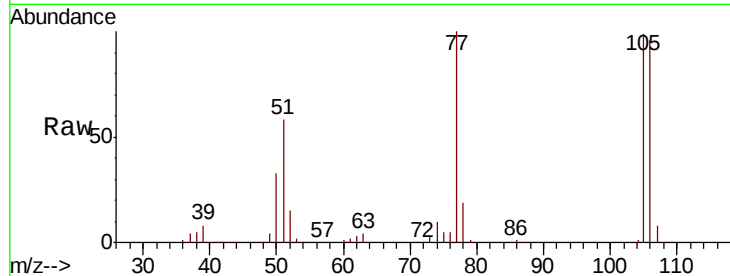
ClientSampleId :

SB-2E-(7-9)MS

Tot Ion:	77	Resp:	343476
Ion	Ratio	Lower	Upper
77	100		
105	99.5	80.9	120.9
106	95.9	77.9	117.9

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#10

Phenol

Concen: 52.270 ng

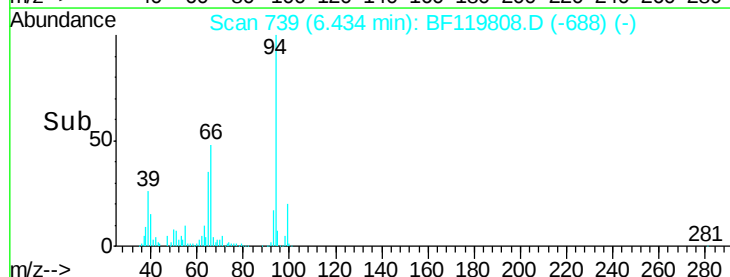
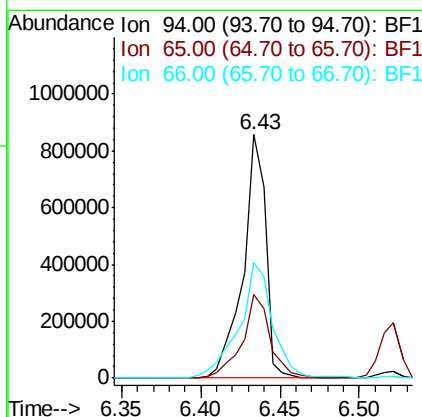
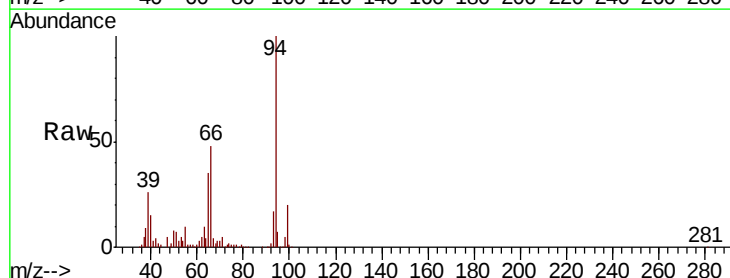
RT: 6.43 min Scan# 739

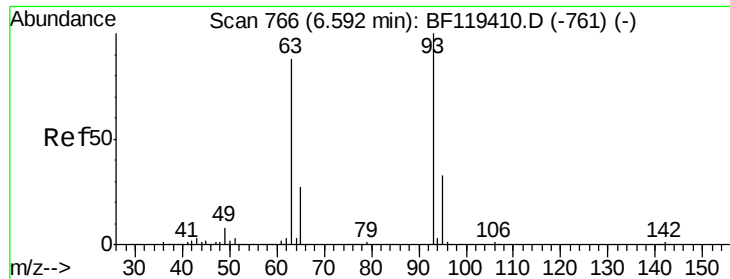
Delta R.T. 0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Tgt Ion:	94	Resp:	843296
Ion	Ratio	Lower	Upper
94	100		
65	34.6	13.2	53.2
66	47.7	22.3	62.3





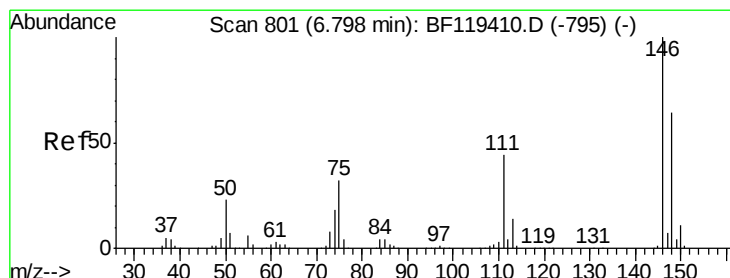
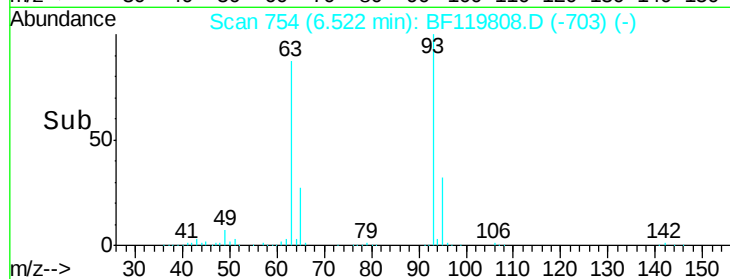
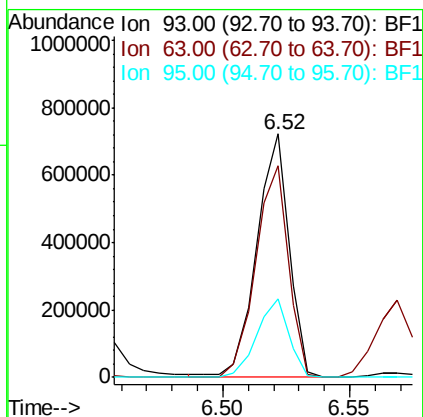
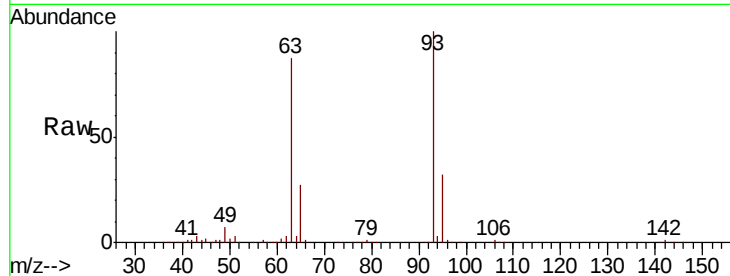
#11
bis(2-Chloroethyl)ether
Concen: 49.914 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Instrument :
BNA_F
ClientSampleId :
SB-2E-(7-9)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.0	70.2	110.2
95	32.3	13.4	53.4

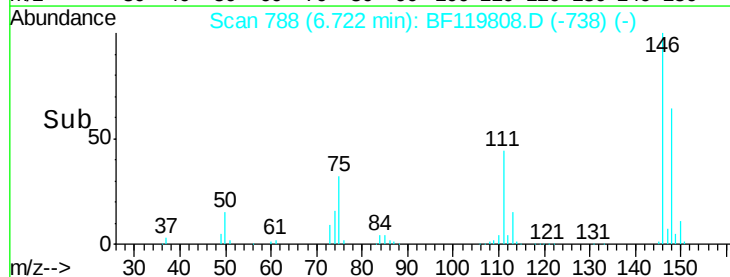
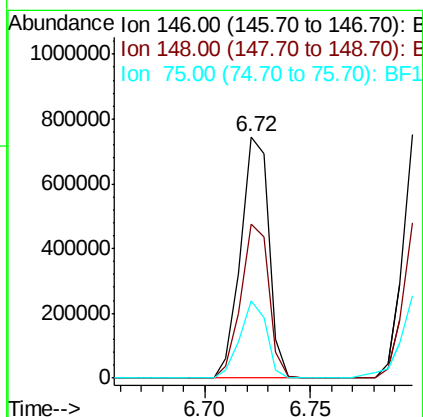
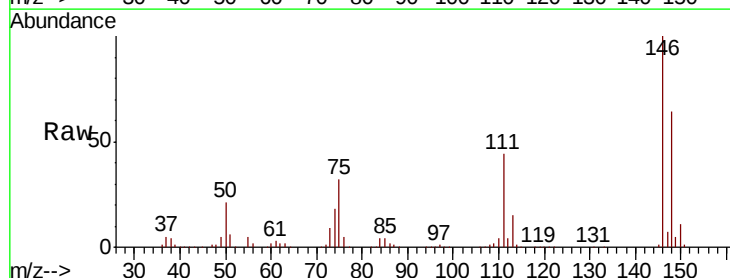
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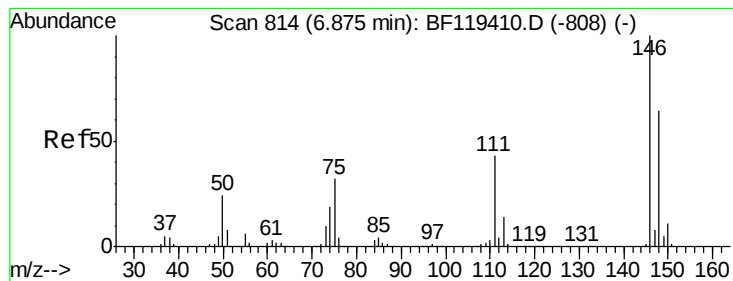
mohammad
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#12
1,3-Dichlorobenzene
Concen: 51.142 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.4
75	32.1	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 51.962 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA_F

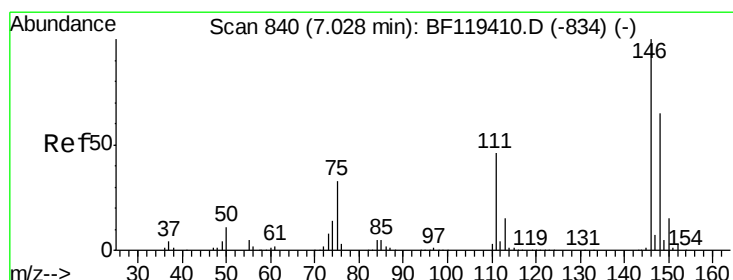
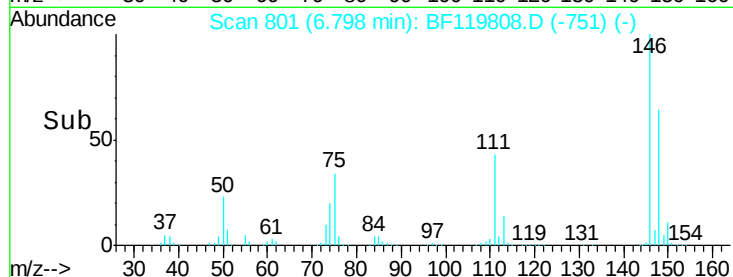
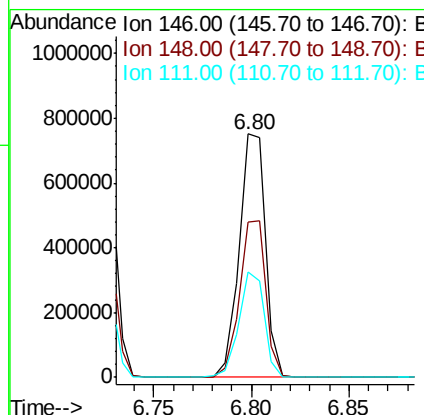
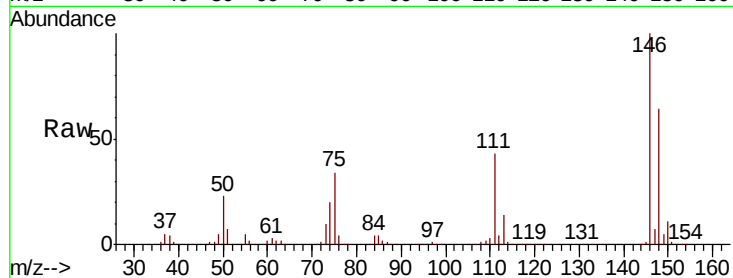
ClientSampled :

SB-2E-(7-9)MS

Tot Ion:	146	Resp:	699303
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.5	77.3
111	43.4	33.3	49.9

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#14

1,2-Dichlorobenzene

Concen: 51.224 ng

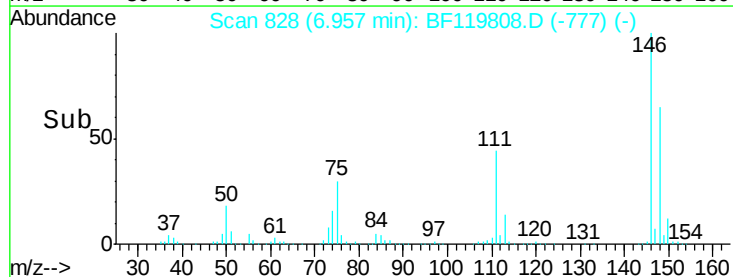
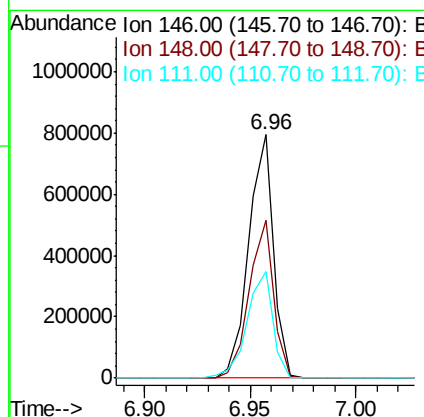
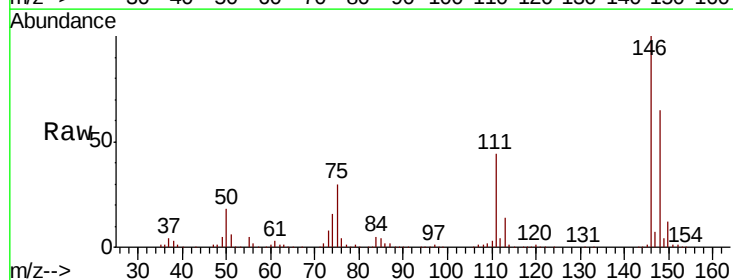
RT: 6.96 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Tgt Ion:	146	Resp:	644360
Ion Ratio	Lower	Upper	
146	100		
148	65.1	50.6	75.8
111	44.0	36.1	54.1





#15

Benzyl Alcohol

Concen: 48.959 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA_F

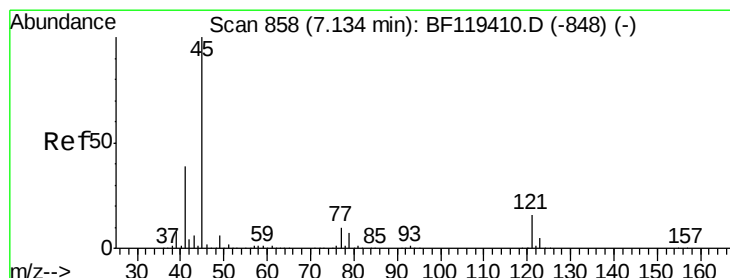
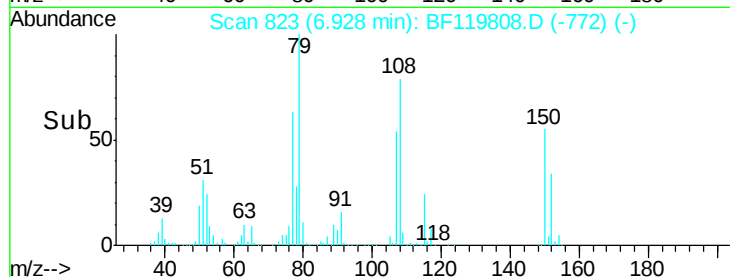
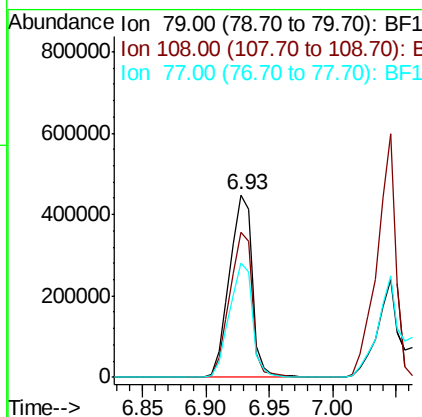
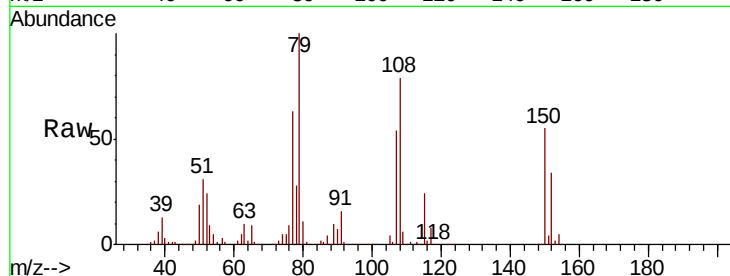
ClientSampleId :

SB-2E-(7-9)MS

Tot Ion:	79	Resp:	556848
Ion	Ratio	Lower	Upper
79	100		
108	79.2	60.6	90.8
77	62.8	50.2	75.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.885 ng

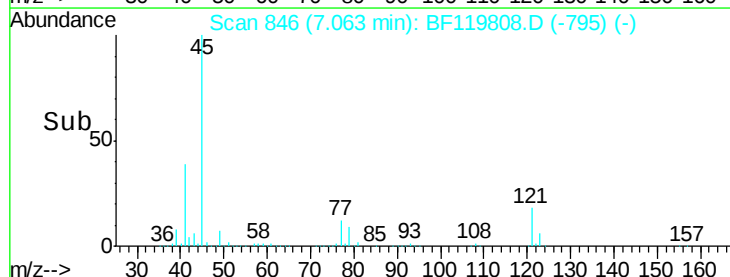
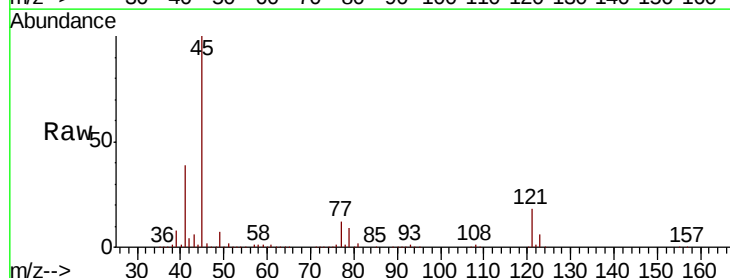
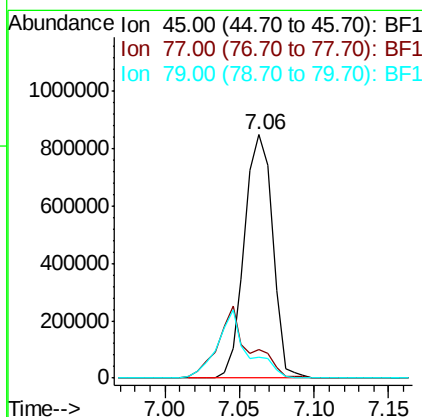
RT: 7.06 min Scan# 846

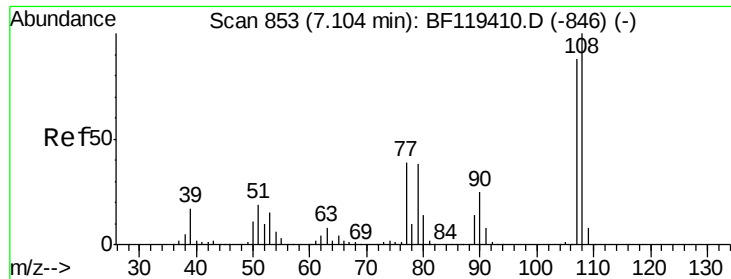
Delta R.T. -0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Tgt Ion:	45	Resp:	1116164
Ion	Ratio	Lower	Upper
45	100		
77	11.6	0.0	30.7
79	8.7	0.0	28.2





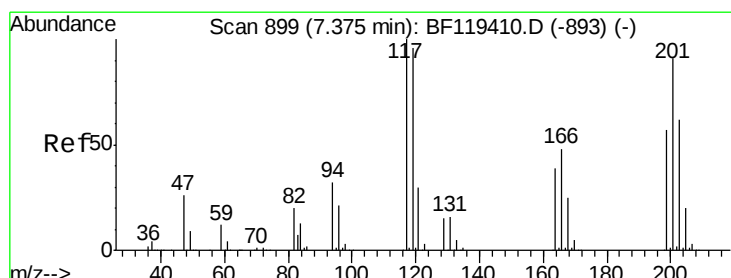
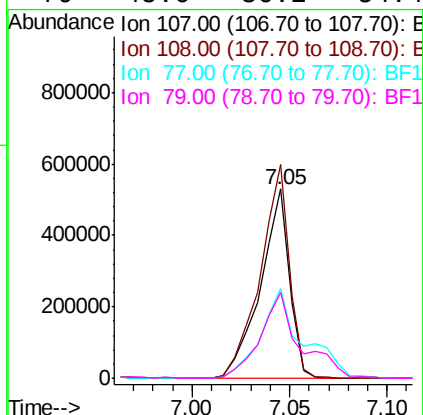
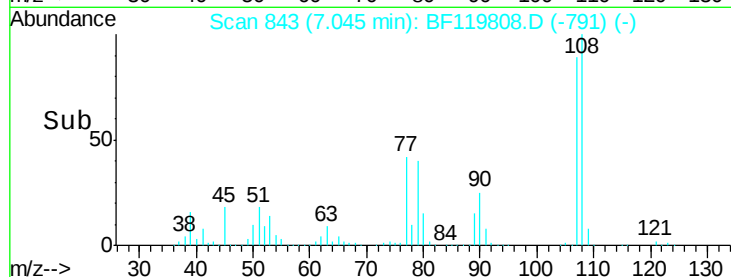
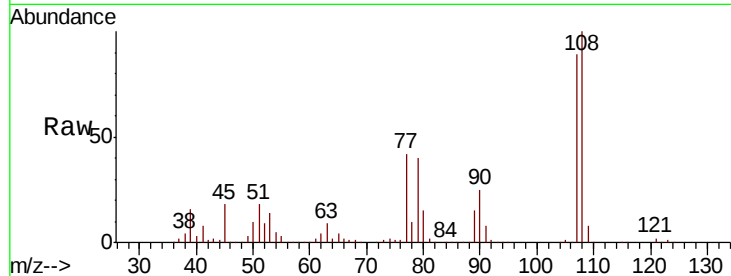
#17
2-Methylphenol
Concen: 47.694 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Instrument :
BNA_F
ClientSampleId :
SB-2E-(7-9)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	112.8	92.2	138.4	
77	77	47.2	36.6	54.8	
79	79	45.0	36.2	54.4	

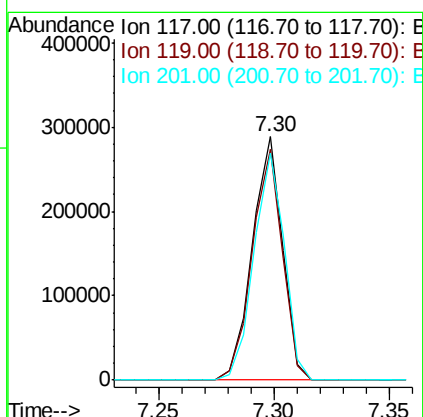
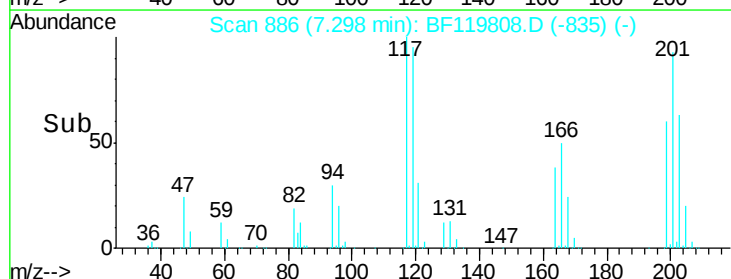
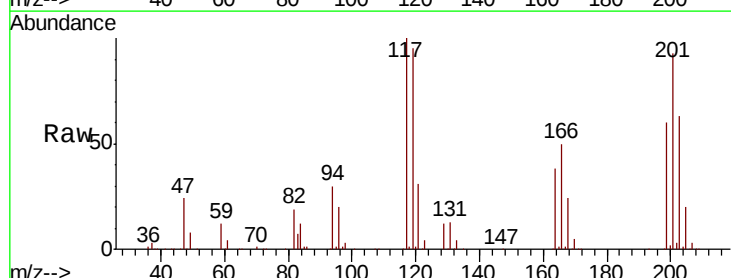
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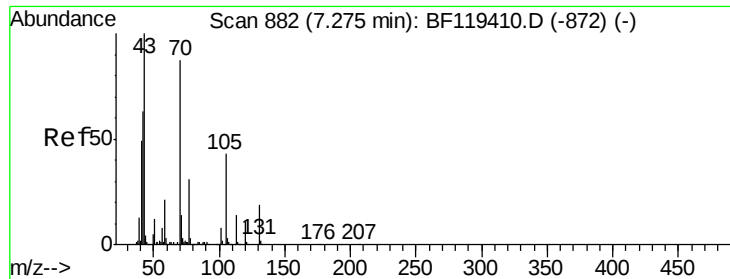
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#18
Hexachloroethane
Concen: 53.456 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	94.7	76.1	114.1	
201	201	93.4	73.0	109.6	





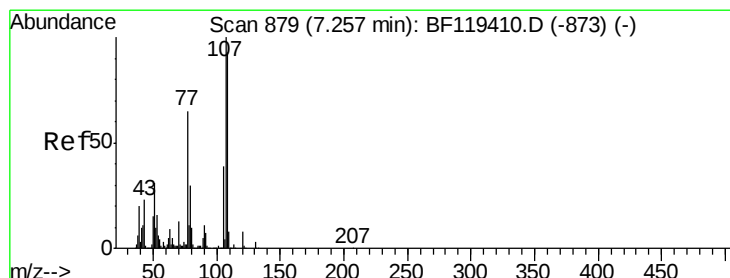
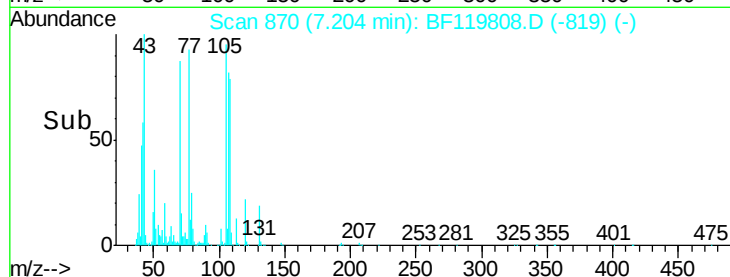
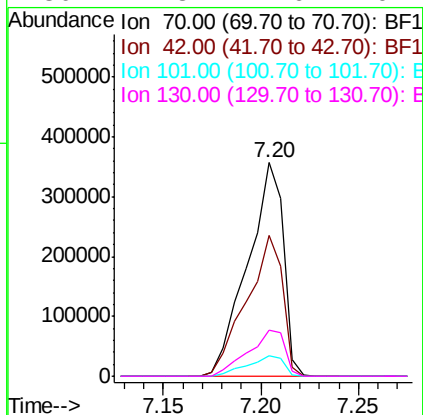
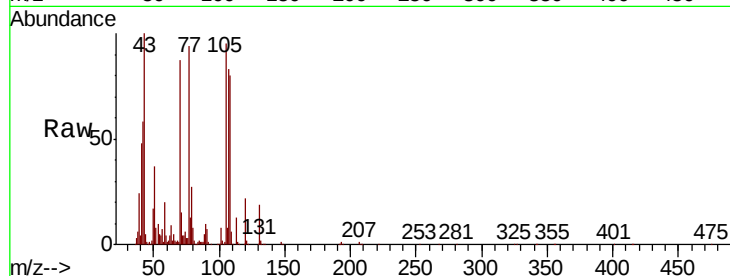
#19
n-Nitroso-di-n-propylamine
Concen: 49.564 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Instrument :
BNA_F
ClientSampleId :
SB-2E-(7-9)MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.1	54.5	81.7	
101	9.6	7.6	11.4	
130	21.3	17.6	26.4	

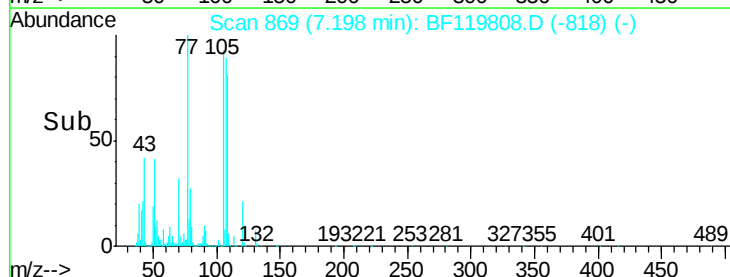
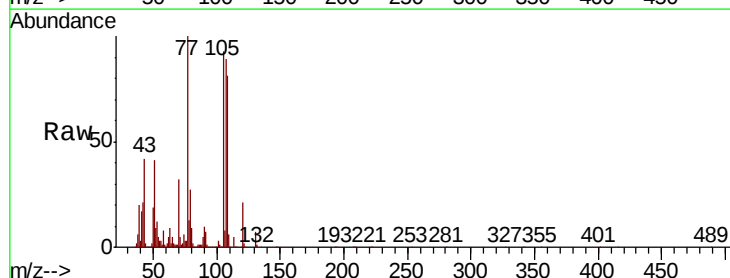
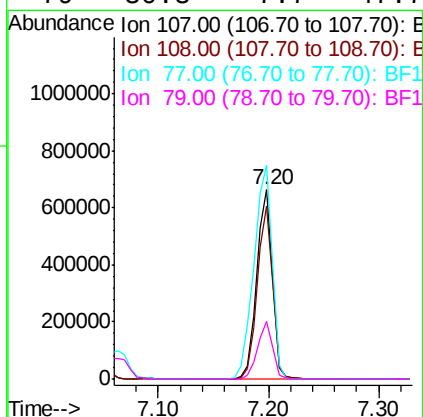
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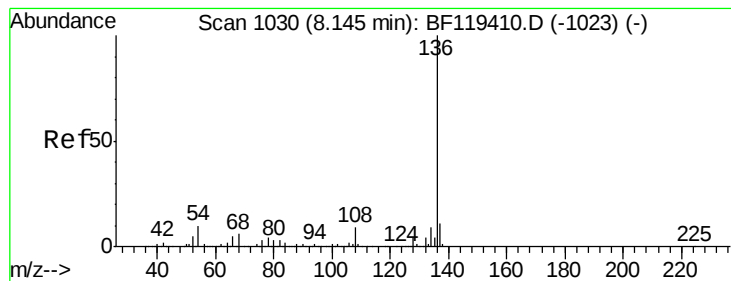
mohammad
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#20
3+4-Methylphenols
Concen: 47.325 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.1	67.9	107.9	
77	112.9	52.9	92.9	
79	30.3	7.7	47.7	





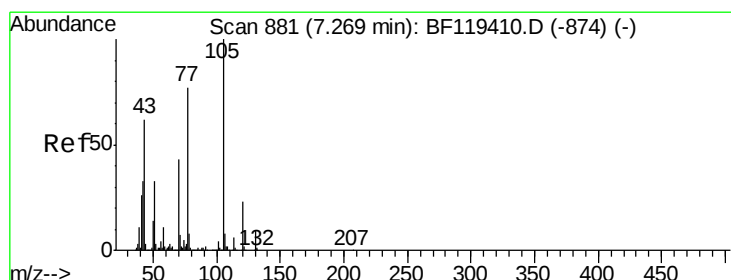
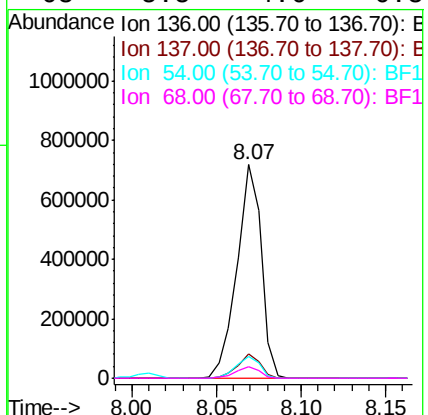
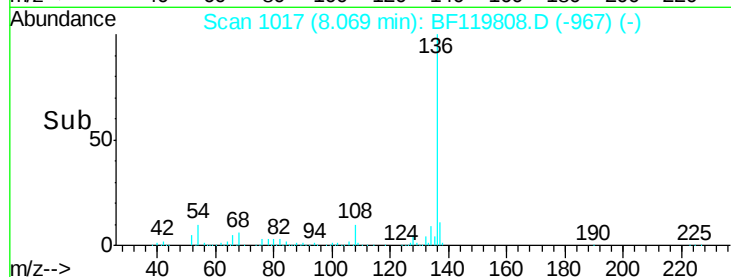
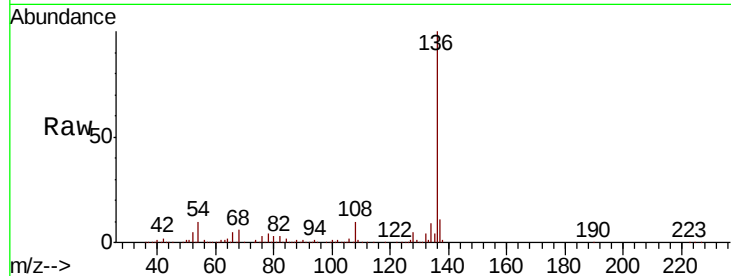
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Instrument :
BNA_F
ClientSampleId :
SB-2E-(7-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.7	13.1	
54	10.4	9.1	13.7	
68	5.5	4.6	6.8	

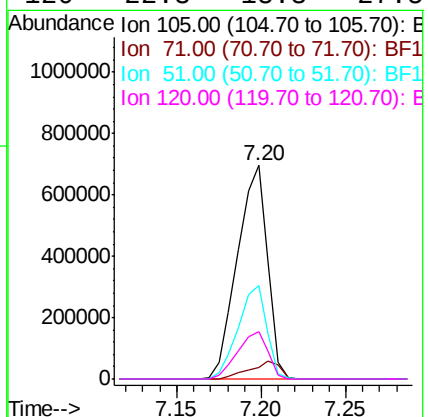
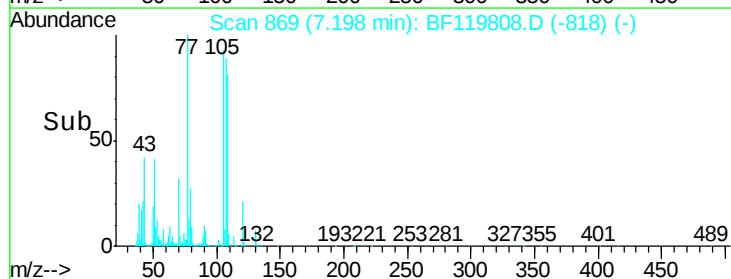
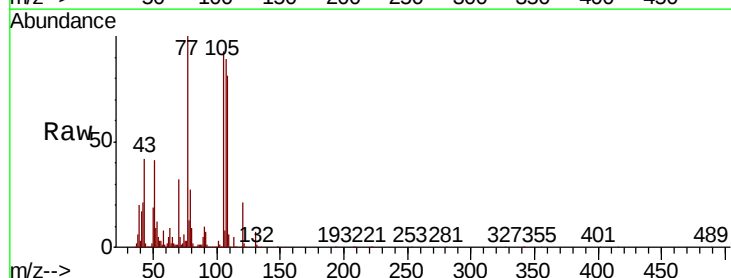
Manual Integrations
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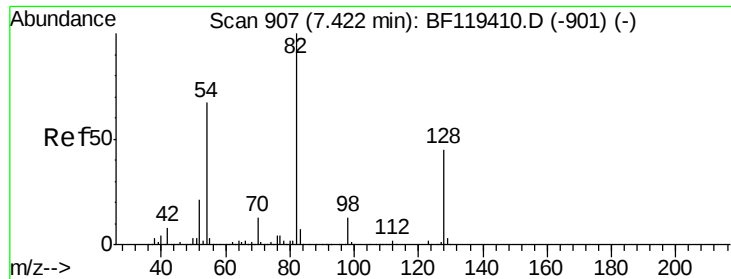
mohammad
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#22
Acetophenone
Concen: 50.345 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.6	5.7	8.5#	
51	43.6	26.2	39.4#	
120	22.3	18.3	27.5	





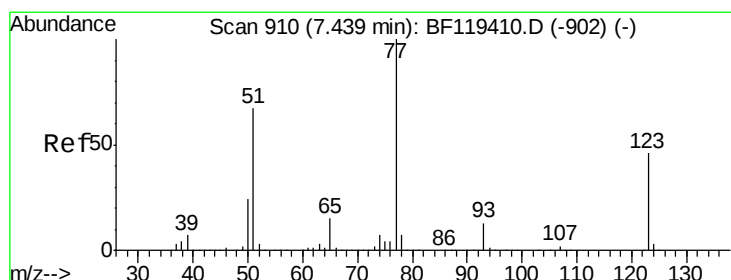
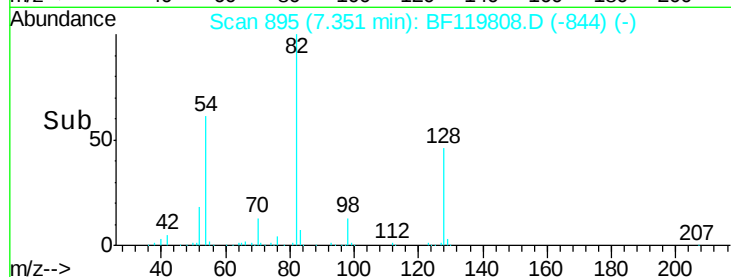
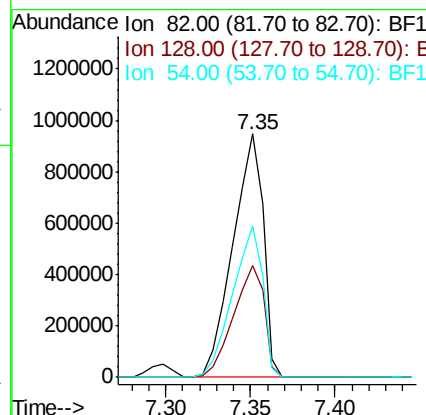
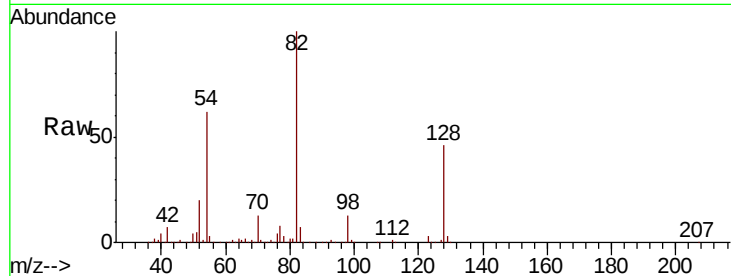
#23
Nitrobenzene-d5
Concen: 89.347 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Instrument :
BNA_F
ClientSampleId :
SB-2E-(7-9)MS

Tot Ion	82	Resp	1185581
Ion Ratio	100	Lower	Upper
128	45.8	36.3	54.5
54	62.3	50.6	75.8

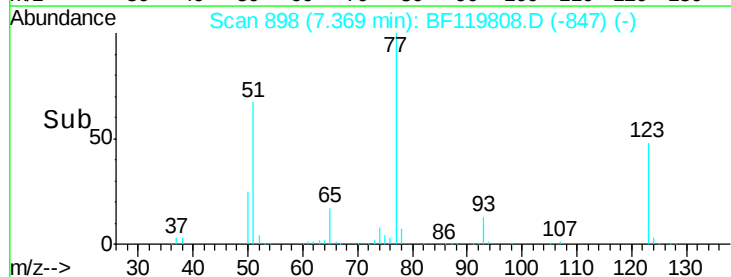
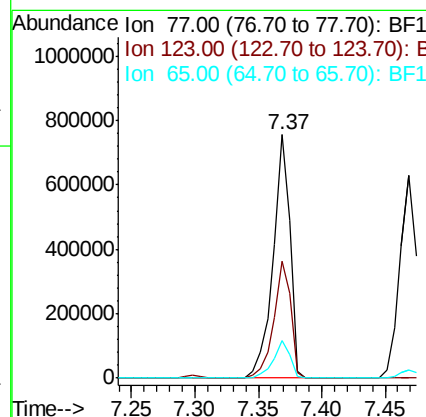
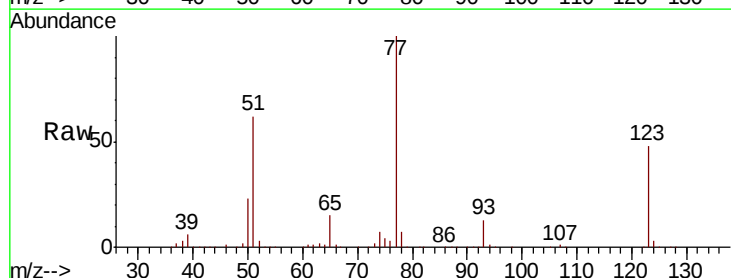
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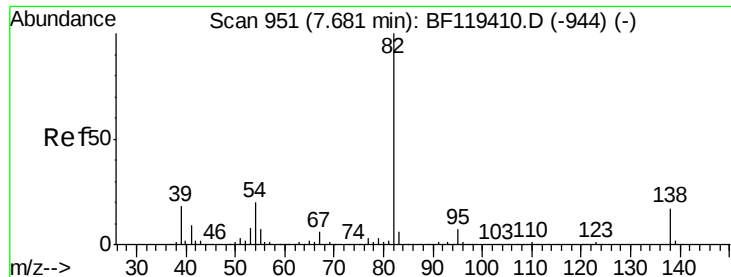
mohammad
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#24
Nitrobenzene
Concen: 49.226 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Tgt Ion	77	Resp	698063
Ion Ratio	100	Lower	Upper
123	48.0	38.0	57.0
65	15.5	12.6	18.8





#25

Isophorone

Concen: 46.804 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA_F

ClientSampleId :

SB-2E-(7-9)MS

Tot Ion: 82 Resp: 1259835

Ion Ratio Lower Upper

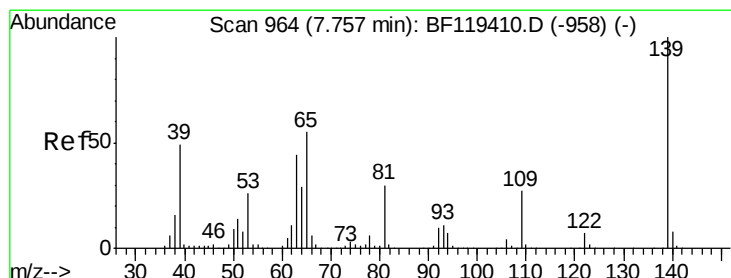
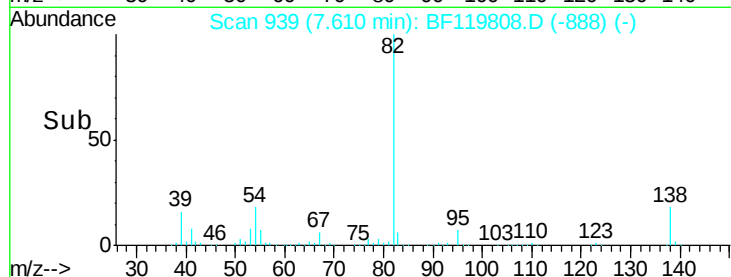
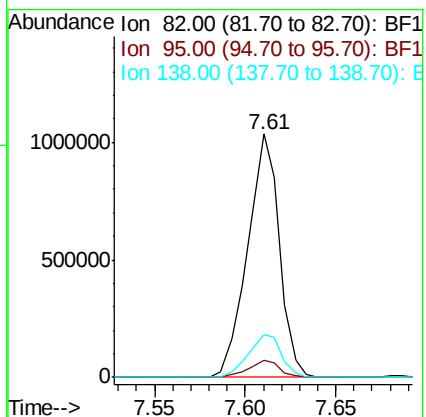
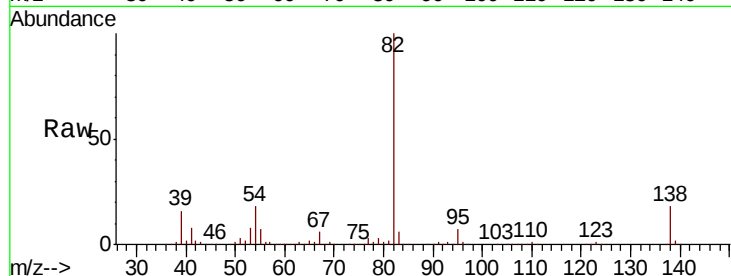
82 100

95 7.0 5.8 8.6

138 17.8 14.6 21.8

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#26

2-Nitrophenol

Concen: 65.242 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

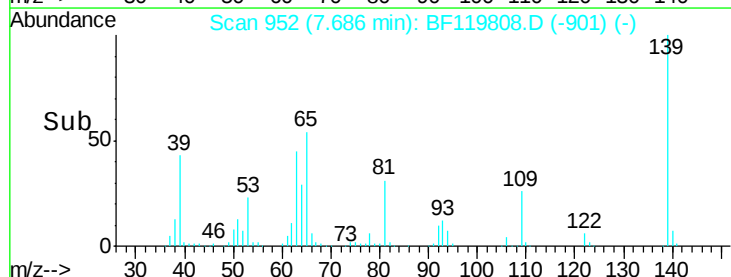
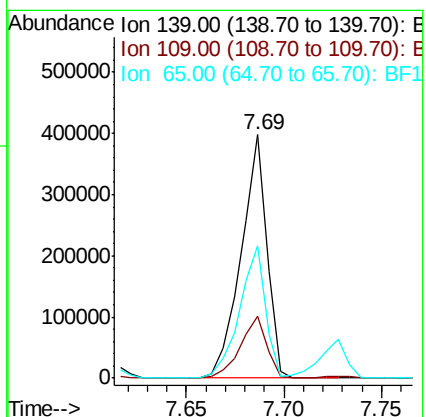
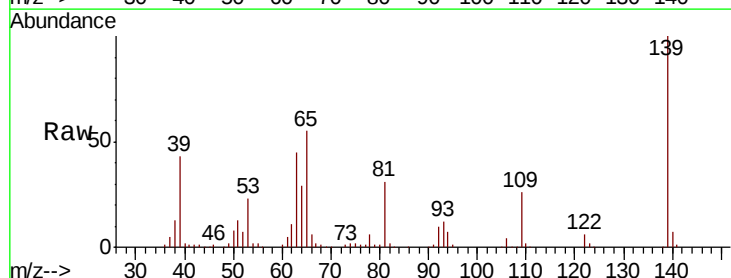
Tgt Ion: 139 Resp: 364279

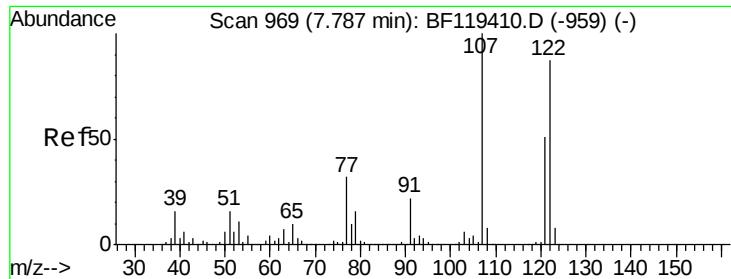
Ion Ratio Lower Upper

139 100

109 25.5 22.1 33.1

65 54.5 49.2 73.8





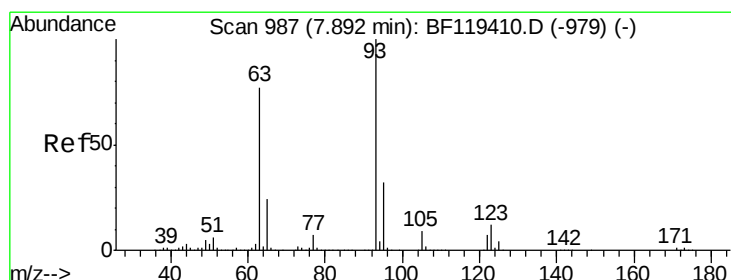
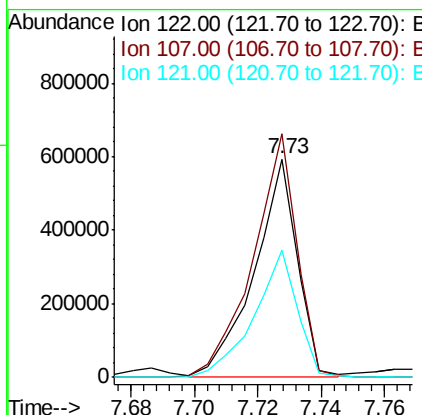
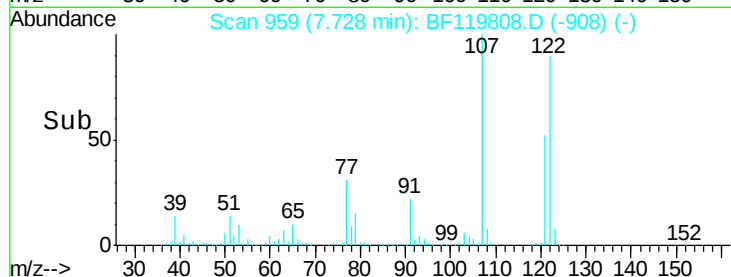
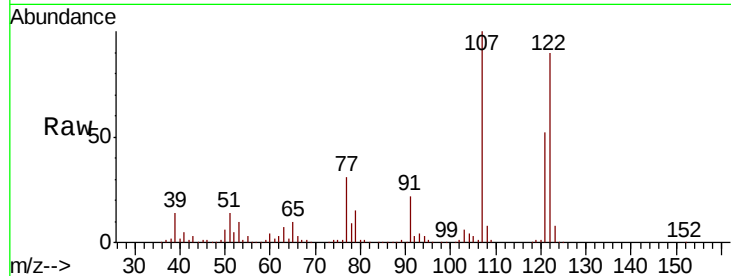
#27
2,4-Dimethylphenol
Concen: 48.675 ng
RT: 7.73 min Scan# 959
Delta R.T. 0.00 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Instrument :
BNA_F
ClientSampleId :
SB-2E-(7-9)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.5	89.0	133.6
121	58.5	46.7	70.1

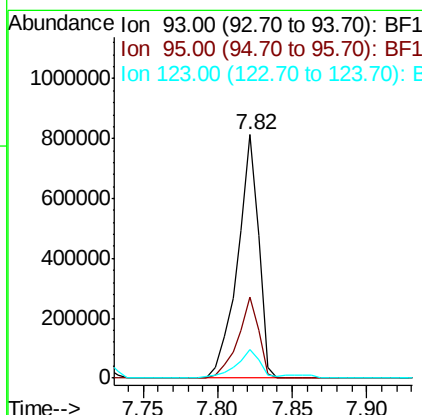
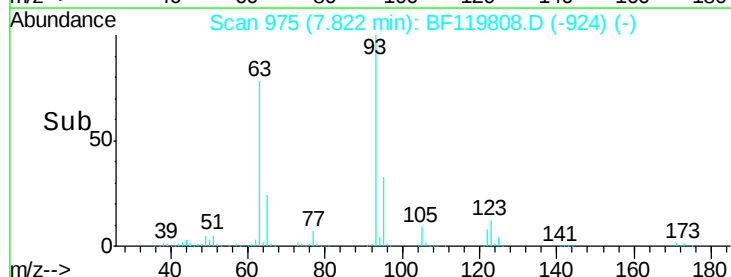
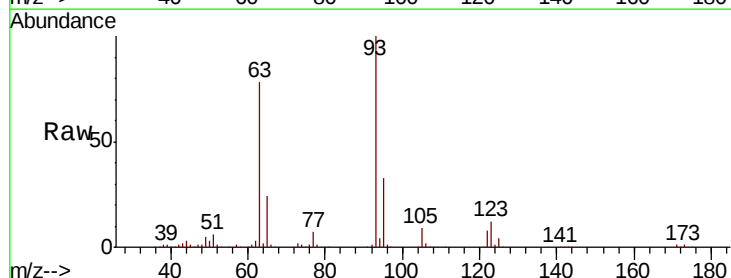
Manual Integrations
APPROVED

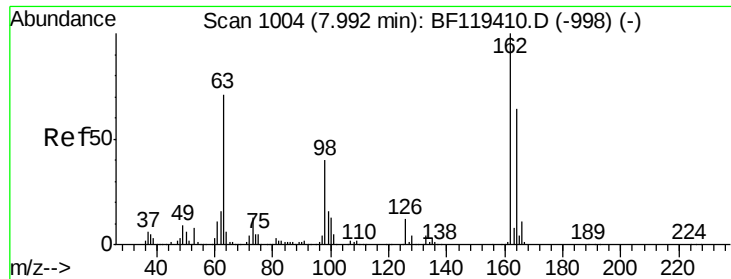
mohammad
4/8/2020 8:12:38 AM



#28
bis(2-Chloroethoxy)methane
Concen: 50.404 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.3	39.5
123	11.7	9.7	14.5





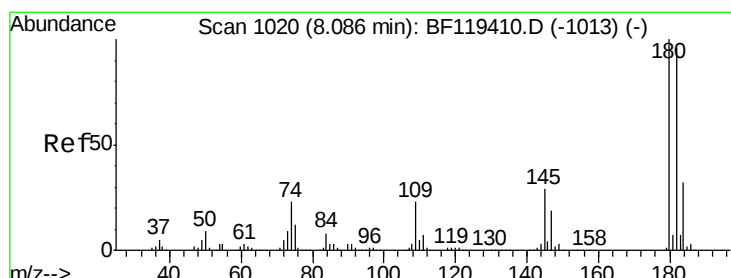
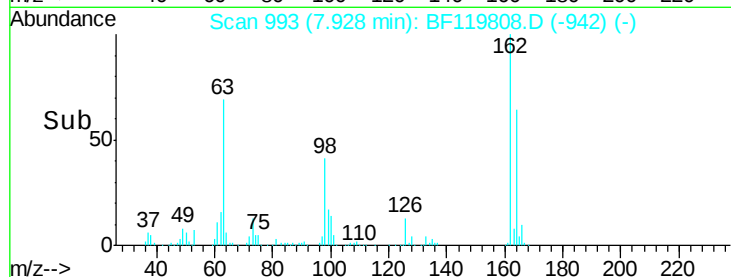
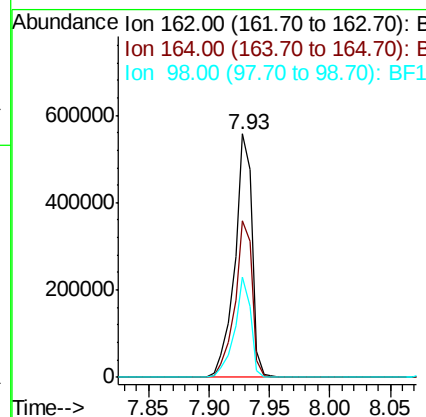
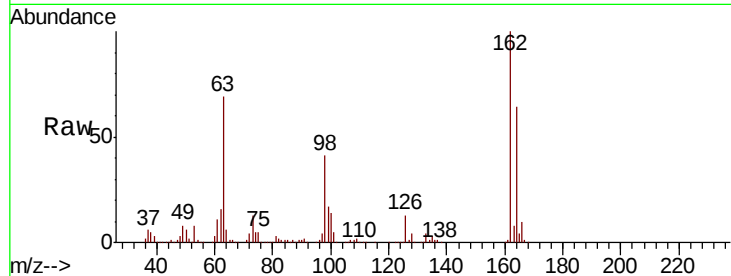
#29
 2,4-Dichlorophenol
 Concen: 52.242 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF119808.D
 Acq: 7 Apr 2020 8:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-2E-(7-9)MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.2	44.7	84.7
98	41.1	20.7	60.7

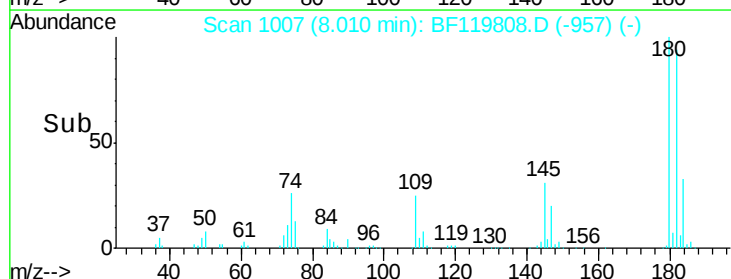
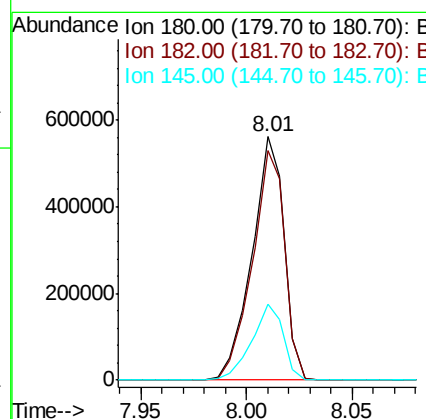
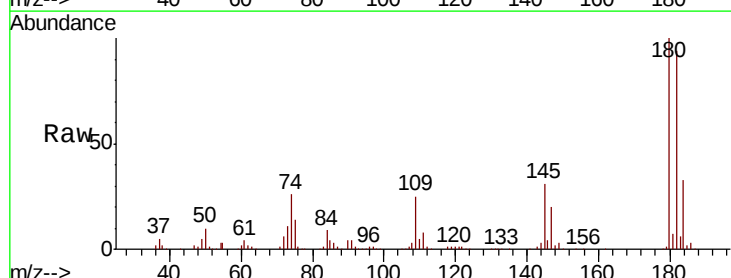
Manual Integrations
 APPROVED

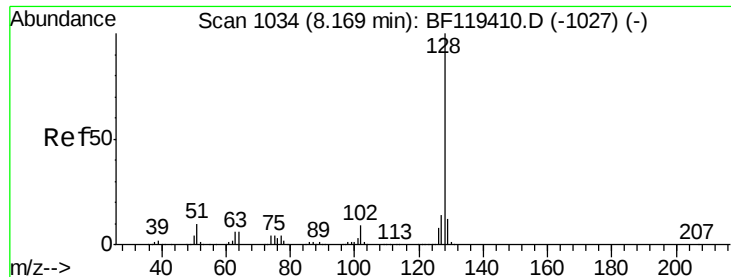
mohammad
 4/8/2020 8:12:38 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 50.591 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF119808.D
 Acq: 7 Apr 2020 8:32

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.3	74.7	112.1
145	31.2	24.5	36.7





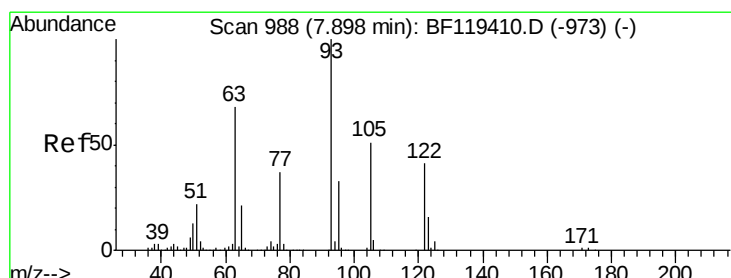
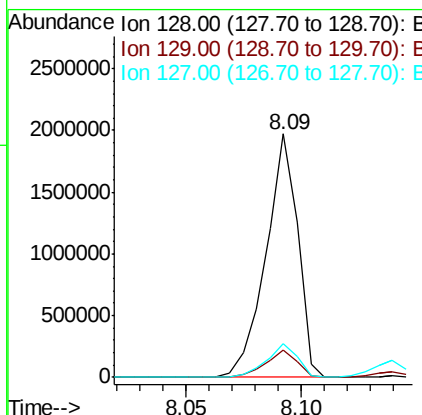
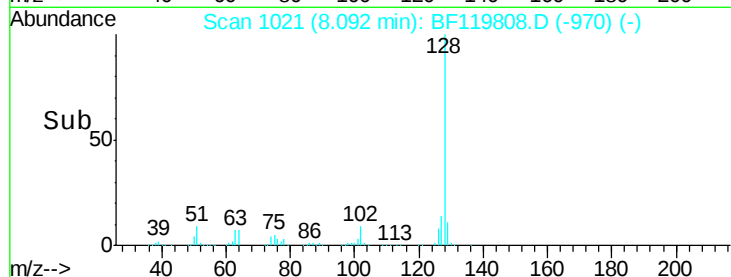
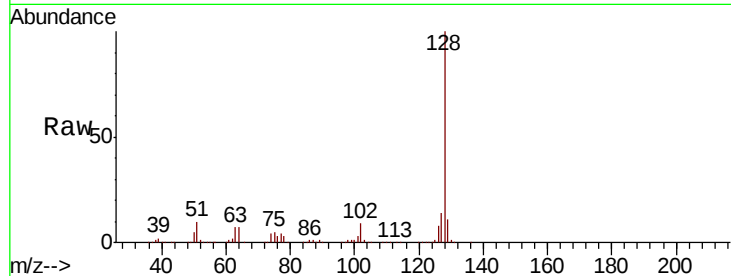
#31
Naphthalene
Concen: 50.858 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Instrument :
BNA_F
ClientSampleId :
SB-2E-(7-9)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.5	14.3
127	13.9	11.3	16.9

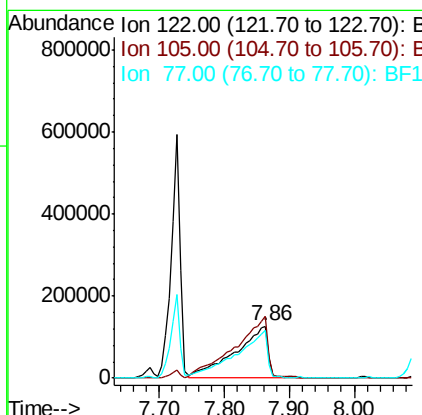
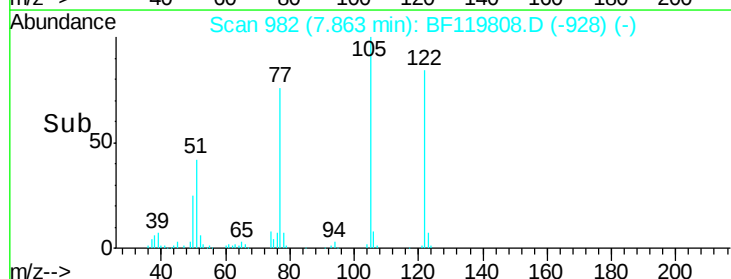
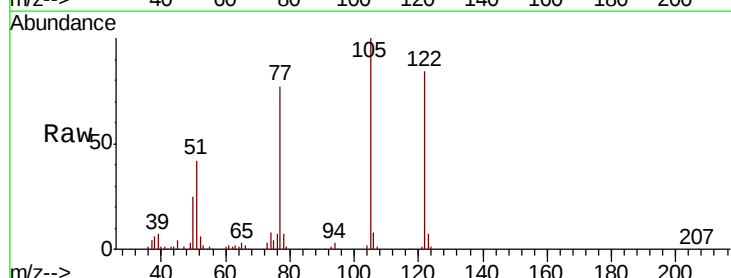
Manual Integrations
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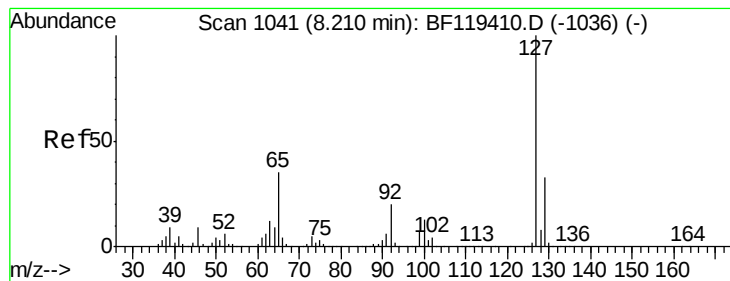
mohammad
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#32
Benzoic acid
Concen: 60.041 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.02 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.0	104.9	144.9
77	91.3	74.4	114.4





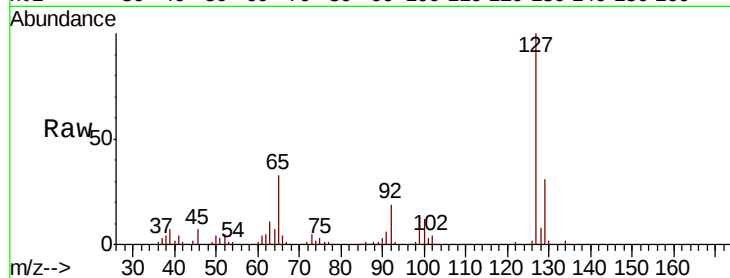
#33
4-Chloroaniline
Concen: 8.897 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Instrument :
BNA_F
ClientSampleId :
SB-2E-(7-9)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		151292		
129	31.2	26.2	39.4		
65	32.5	27.4	41.0		
92	18.7	15.3	22.9		

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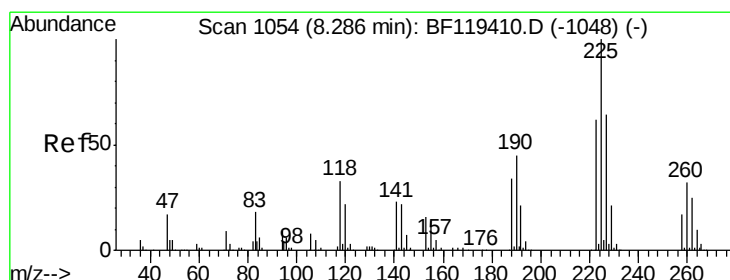
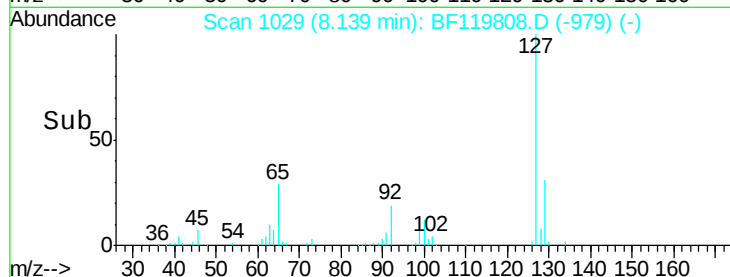
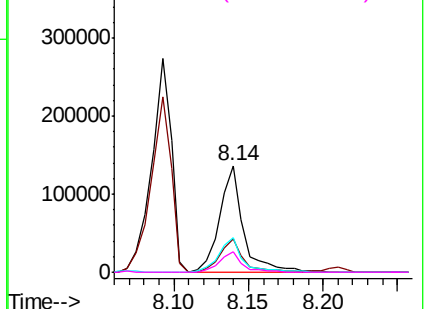
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

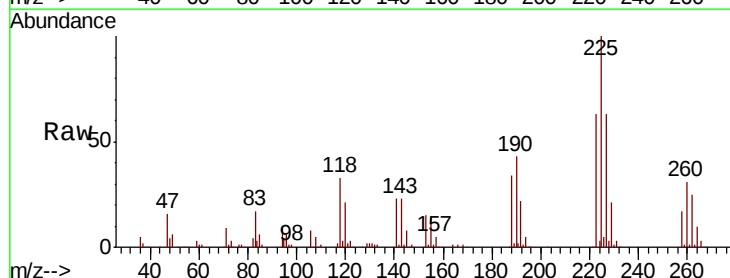
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 51.788 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		339936		
223	63.3	51.0	76.6		
227	63.0	50.7	76.1		

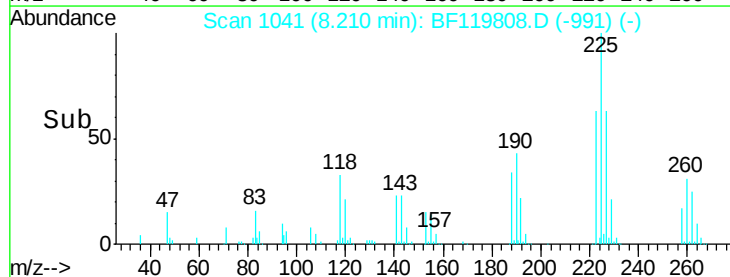
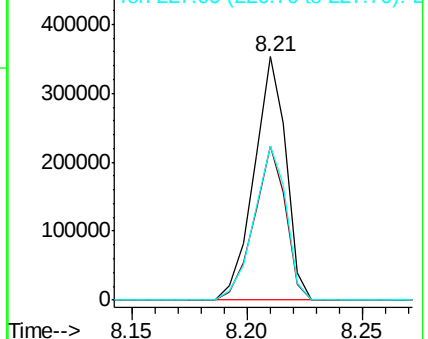


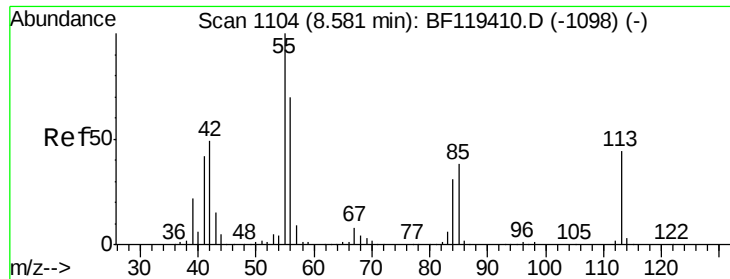
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





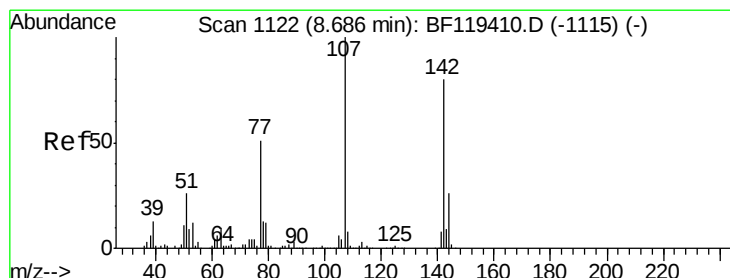
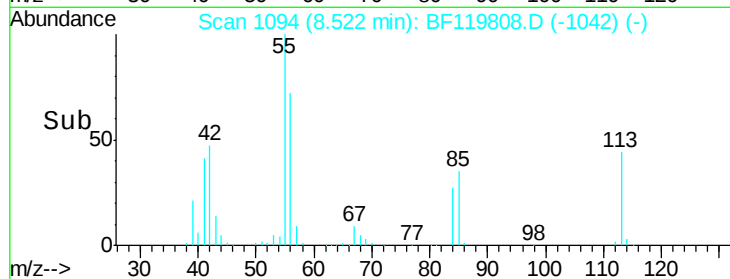
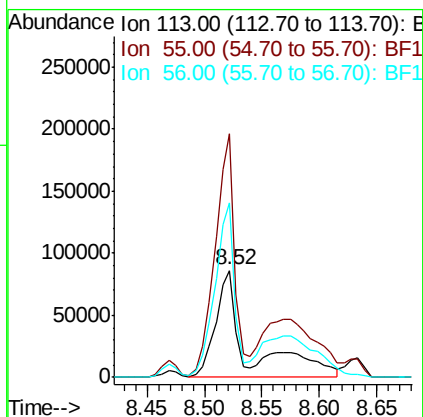
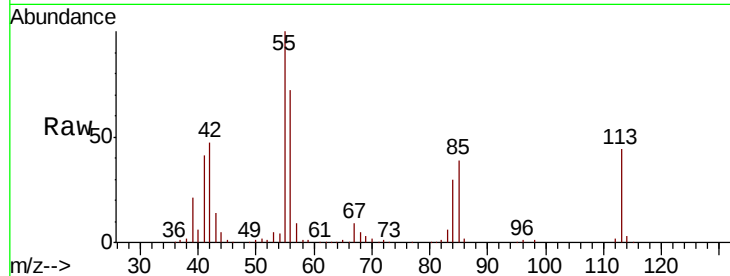
#35
 Caprolactam
 Concen: 49.433 ng/ml
 RT: 8.52 min Scan# 1094
 Delta R.T. 0.01 min
 Lab File: BF119808.D
 Acq: 7 Apr 2020 8:32

Instrument :
 BNA_F
 ClientSampleID :
 SB-2E-(7-9)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	227.3	218.4	258.4
56	163.1	148.9	188.9

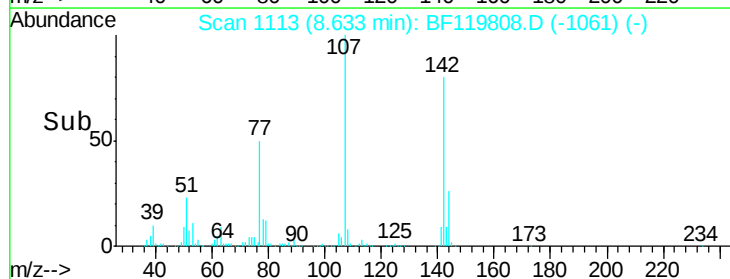
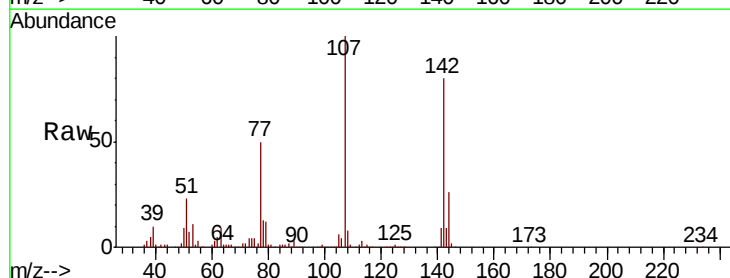
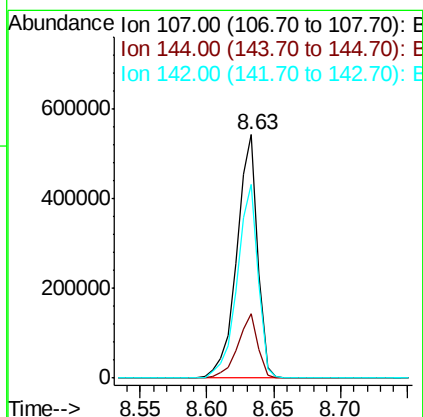
Manual Integrations
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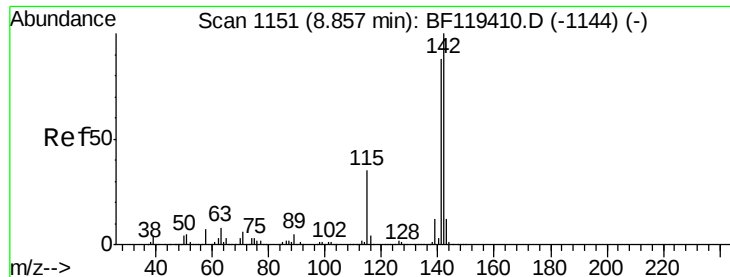
mohammad
 4/8/2020 8:12:38 AM



#36
 4-Chloro-3-methylphenol
 Concen: 51.273 ng/ml
 RT: 8.63 min Scan# 1113
 Delta R.T. 0.01 min
 Lab File: BF119808.D
 Acq: 7 Apr 2020 8:32

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	21.0	31.6
142	79.7	64.4	96.6





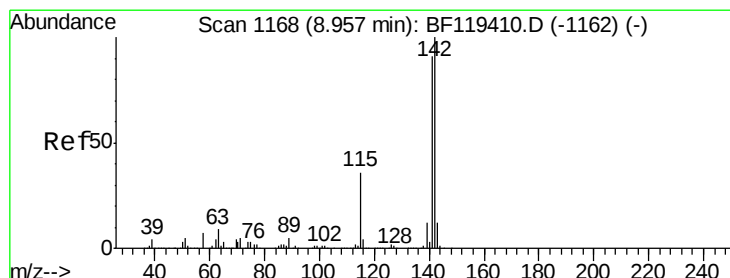
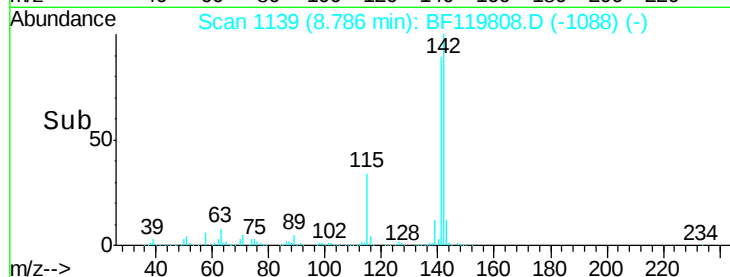
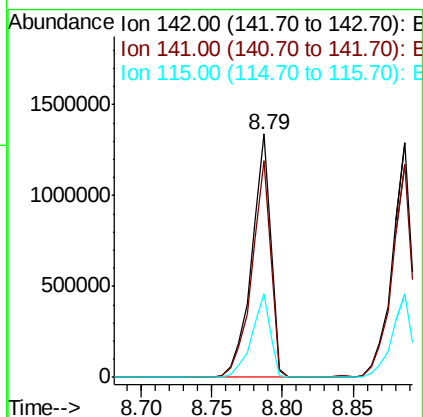
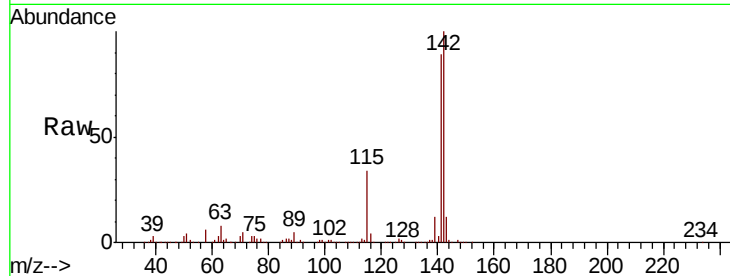
#37
2-Methylnaphthalene
Concen: 52.111 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Instrument :
BNA_F
ClientSampleId :
SB-2E-(7-9)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.7	107.5
115	34.2	27.9	41.9

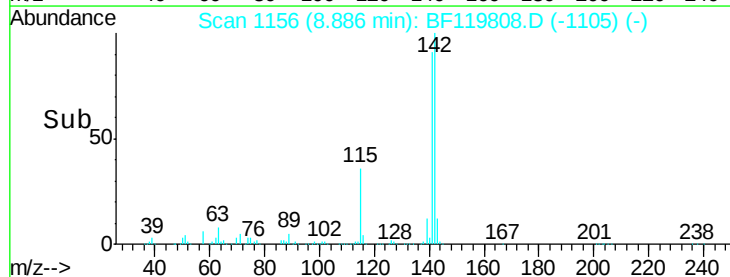
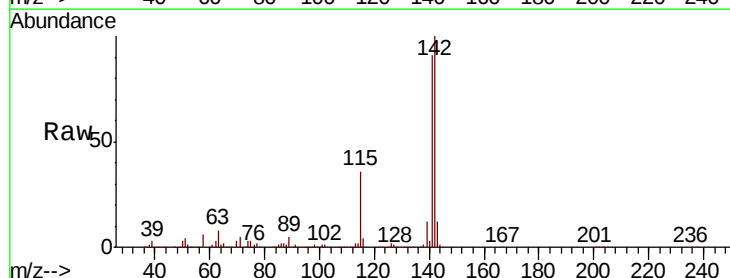
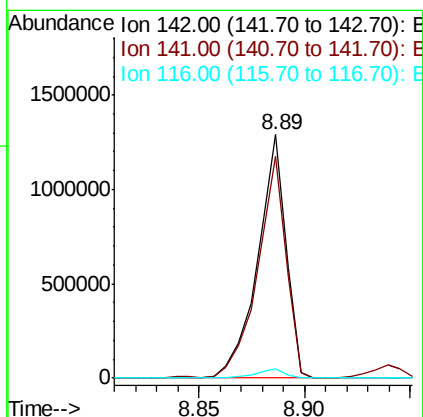
Manual Integrations
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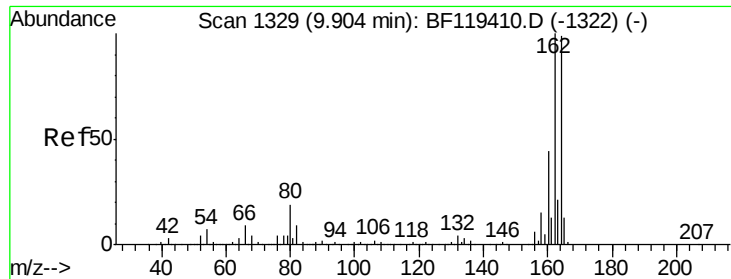
mohammad
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#38
1-Methylnaphthalene
Concen: 52.308 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.7	110.5
116	3.8	3.0	4.6





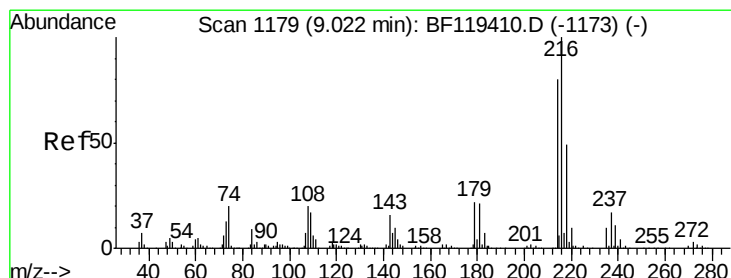
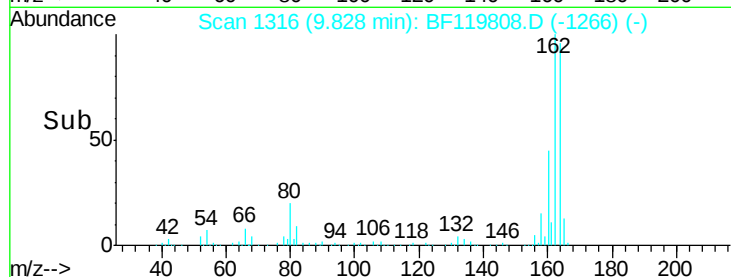
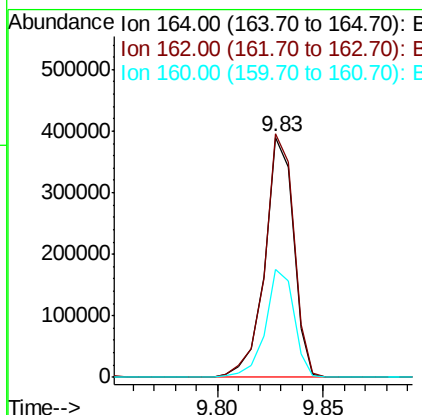
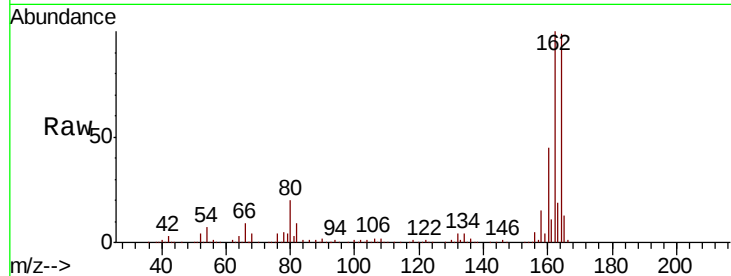
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Instrument :
BNA_F
ClientSampleId :
SB-2E-(7-9)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.6	121.0
160	45.2	35.7	53.5

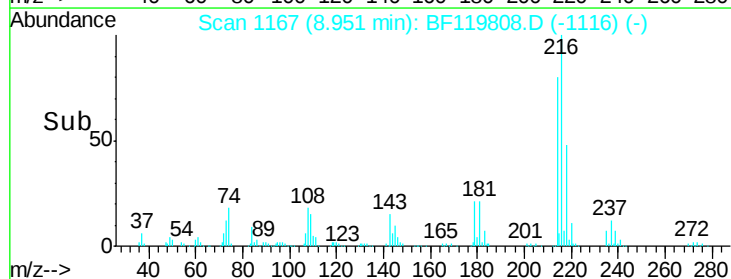
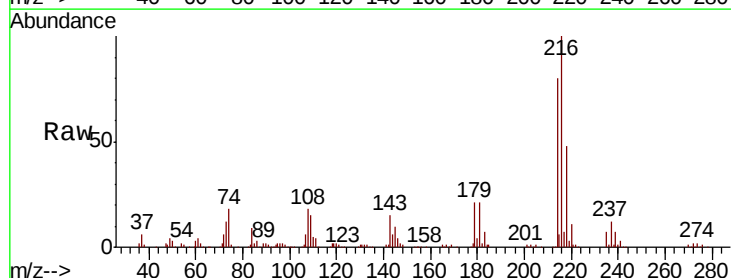
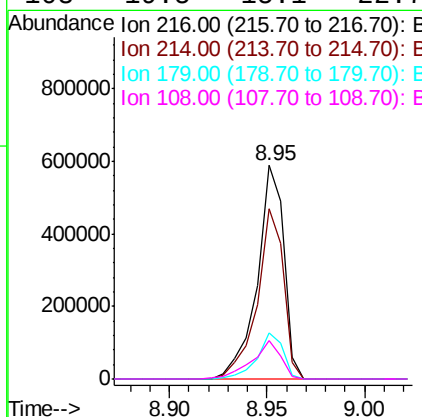
Manual Integrations
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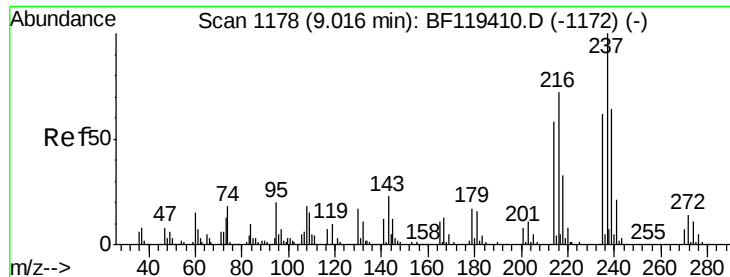
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.628 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.2	94.8
179	21.0	17.1	25.7
108	19.5	15.1	22.7





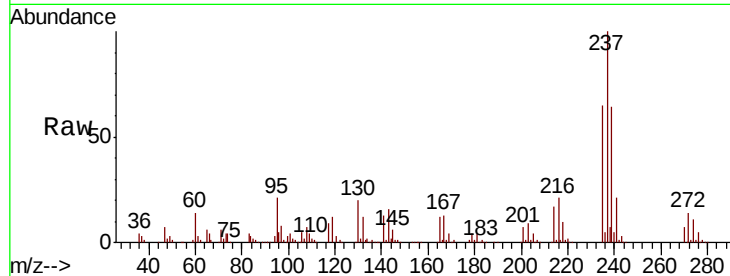
#41
Hexachlorocyclopentadiene
Concen: 90.924 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Instrument :
BNA_F
ClientSampleId :
SB-2E-(7-9)MS

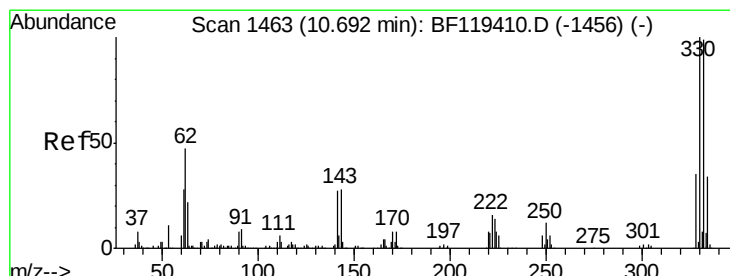
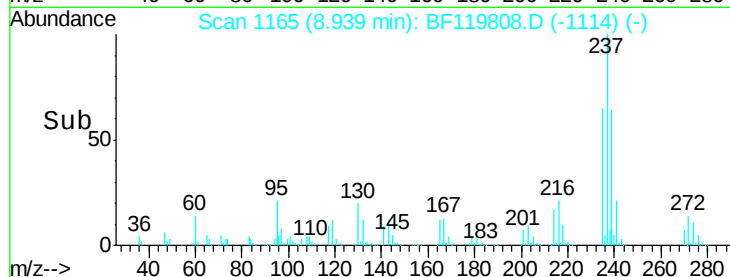
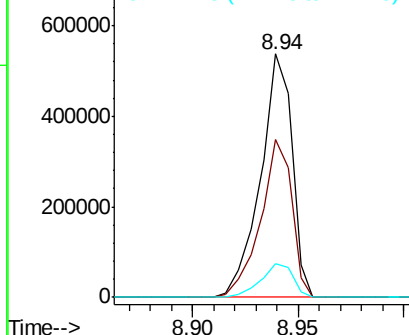
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.6	43.2	83.2
272	14.0	0.0	34.1

Manual Integrations
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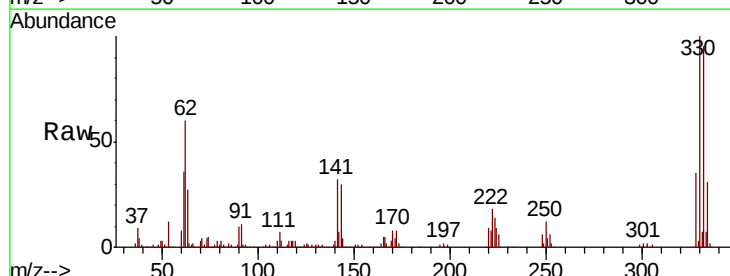


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

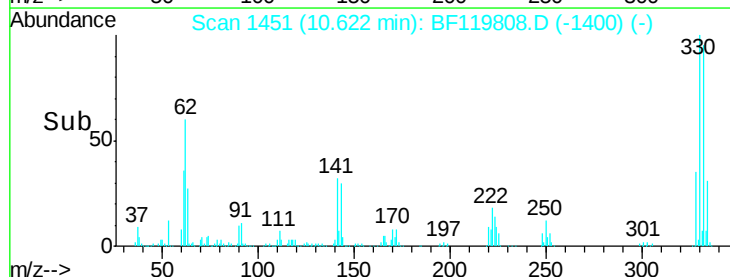
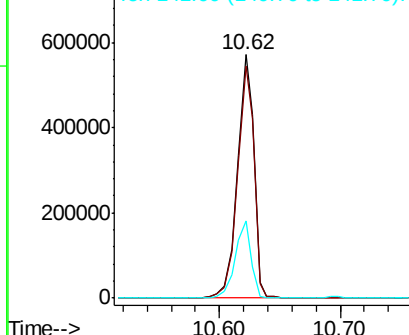


#42
2,4,6-Tribromophenol
Concen: 143.506 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.2	75.7	113.5
141	30.6	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





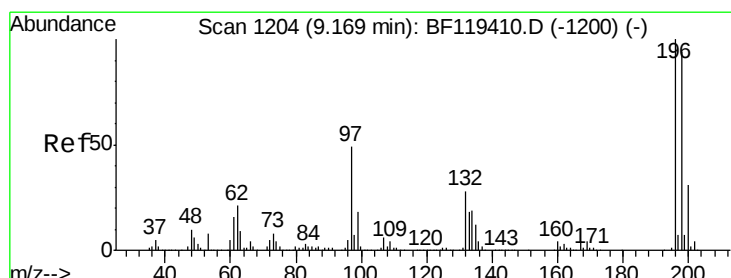
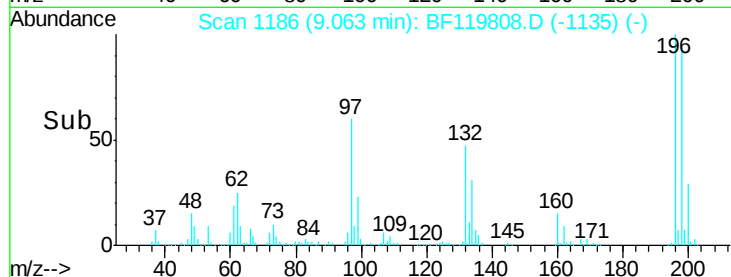
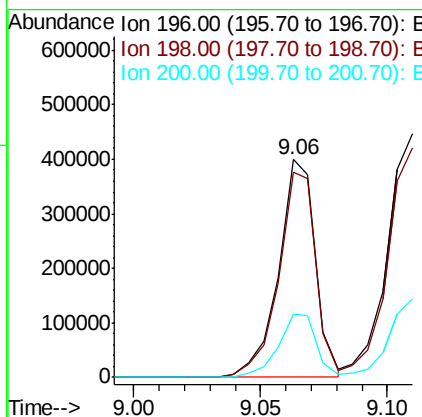
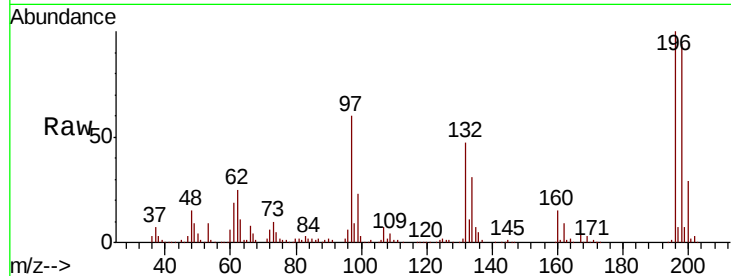
#43
 2,4,6-Trichlorophenol
 Concen: 52.442 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF119808.D
 Acq: 7 Apr 2020 8:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-2E-(7-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	406264		
198	93.9	76.6	115.0	
200	29.2	24.6	36.8	

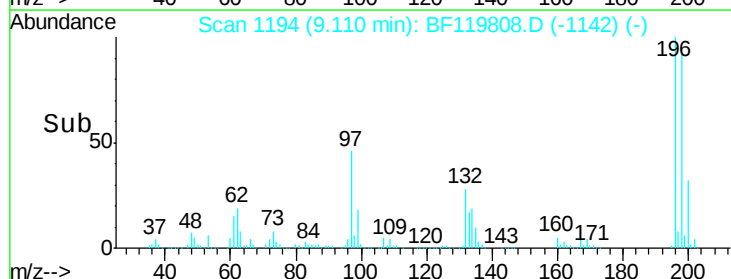
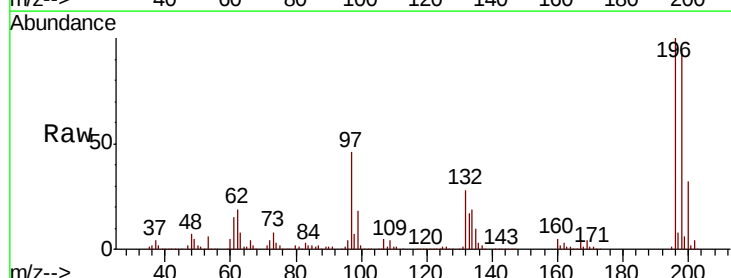
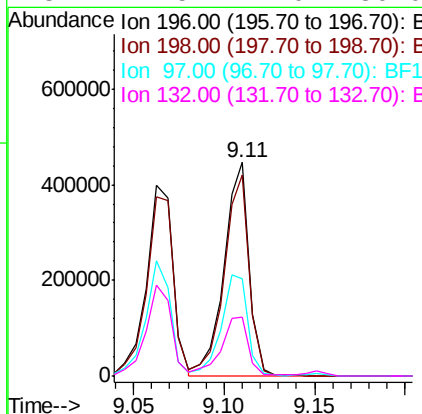
Manual Integrations
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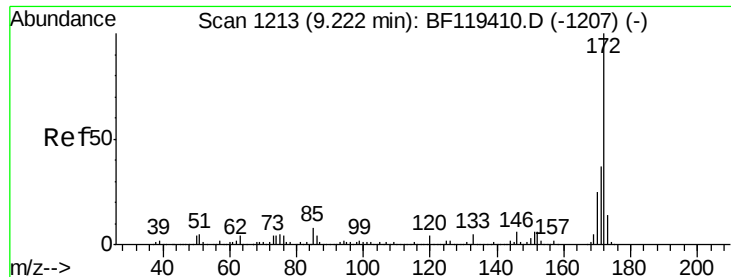
mohammad
 4/8/2020 8:12:38 AM



#44
 2,4,5-Trichlorophenol
 Concen: 49.227 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.01 min
 Lab File: BF119808.D
 Acq: 7 Apr 2020 8:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	427207		
198	94.1	73.8	110.8	
97	45.5	42.6	63.8	
132	27.5	24.0	36.0	





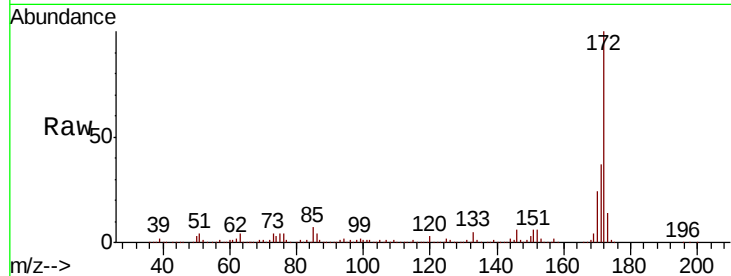
#45
2-Fluorobiphenyl
Concen: 86.767 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Instrument :
BNA_F
ClientSampleId :
SB-2E-(7-9)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.1	20.2	30.2

Manual Integrations
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Abundance

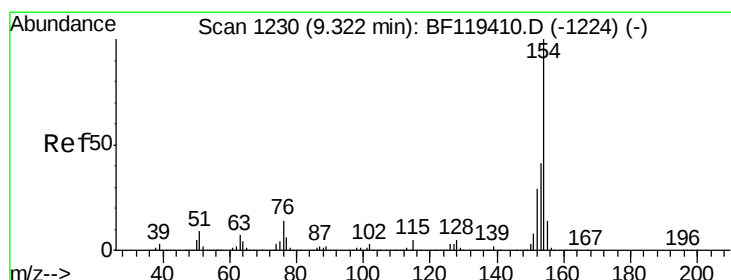
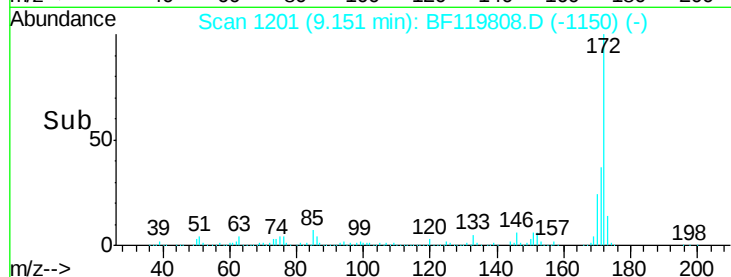
Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

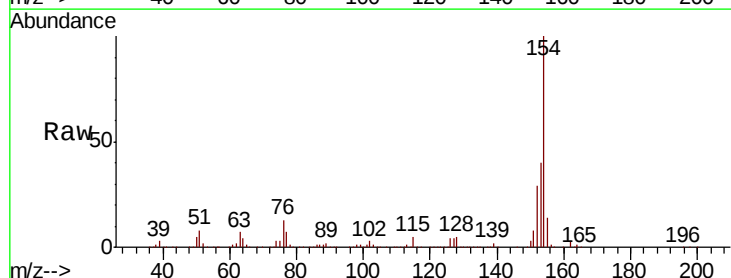
9.15

Time-->



#46
1,1'-Biphenyl
Concen: 50.310 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.4	61.4
76	13.2	0.0	33.0



Abundance

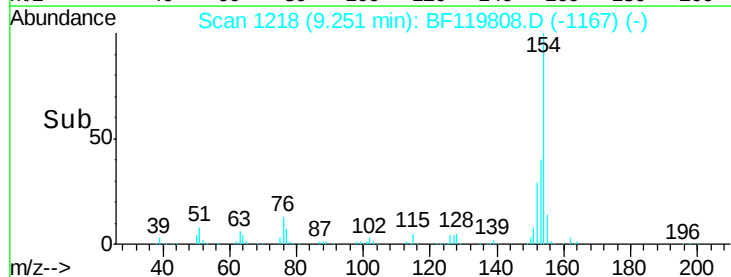
Ion 154.00 (153.70 to 154.70): E

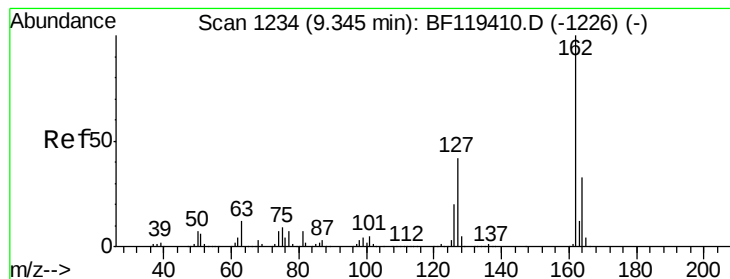
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

9.25

Time-->





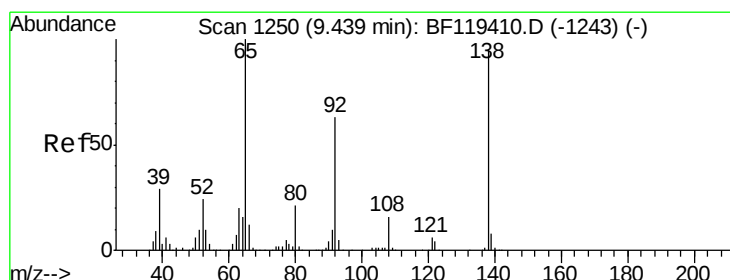
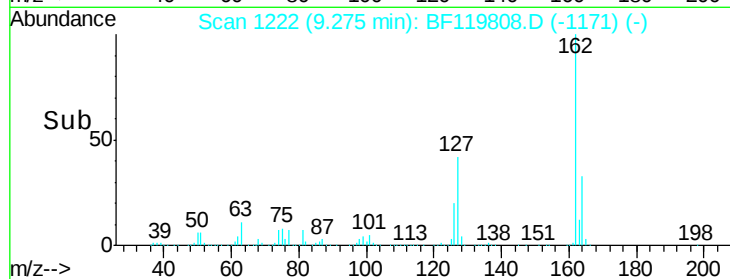
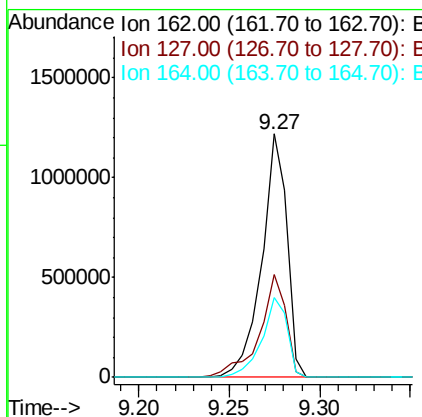
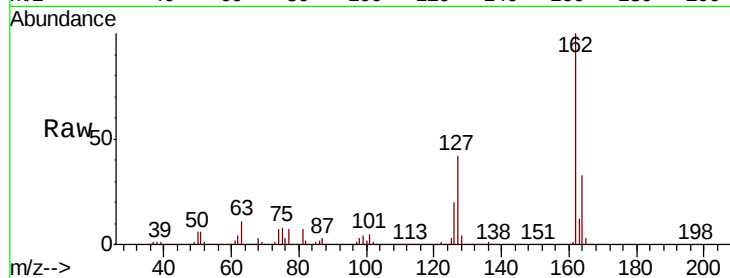
#47
 2-Chloronaphthalene
 Concen: 49.895 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF119808.D
 Acq: 7 Apr 2020 8:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-2E-(7-9)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.4	33.7	50.5
164	32.6	26.3	39.5

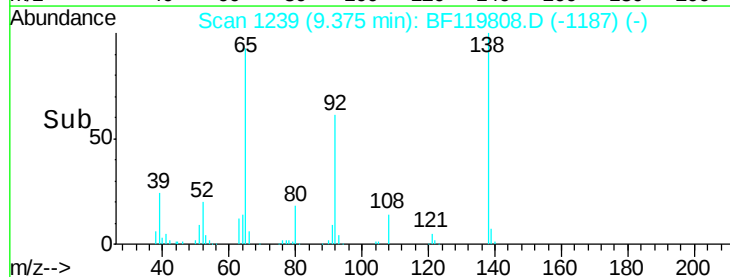
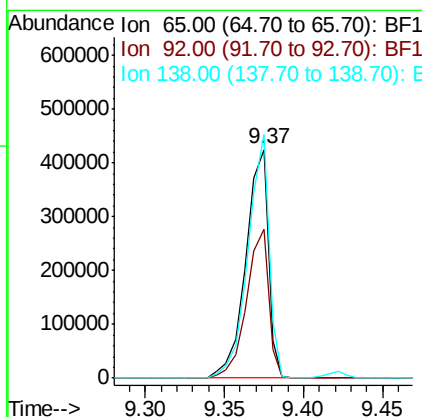
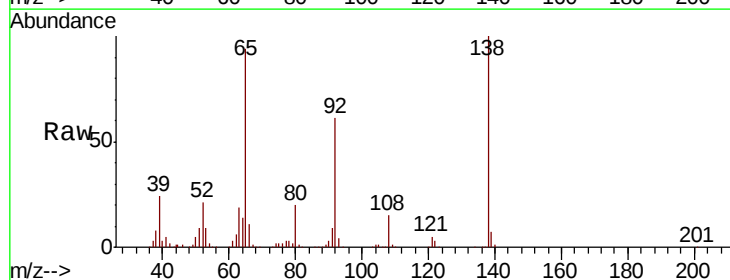
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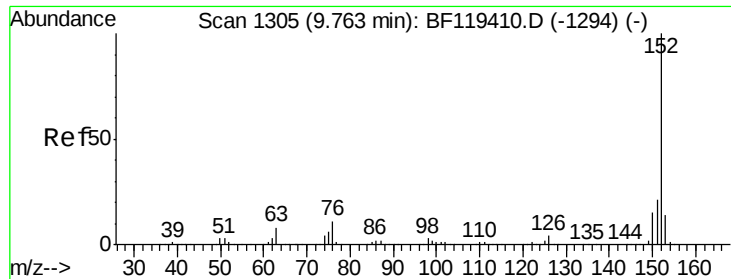
mohammad
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#48
 2-Nitroaniline
 Concen: 51.374 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: BF119808.D
 Acq: 7 Apr 2020 8:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.9	50.0	75.0
138	106.5	75.0	112.4





#49

Acenaphthylene

Concen: 49.729 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA_F

ClientSampleId :

SB-2E-(7-9)MS

Tot Ion:152 Resp: 1840049

Ion Ratio Lower Upper

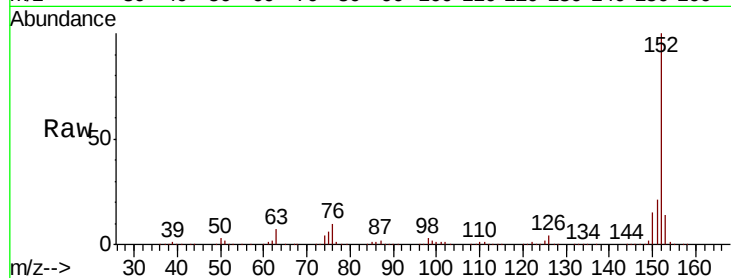
152 100

151 20.9 17.2 25.8

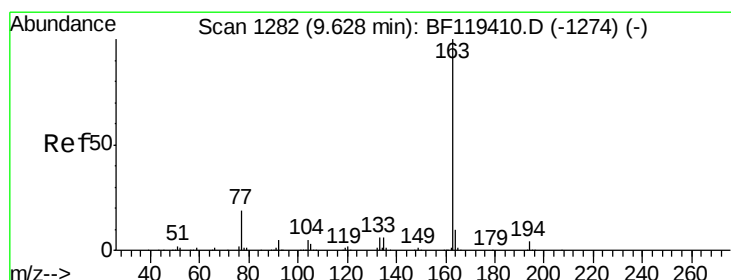
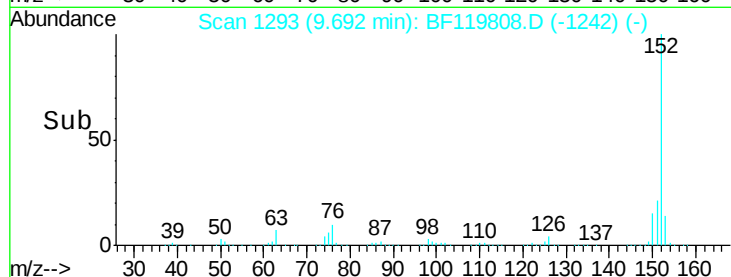
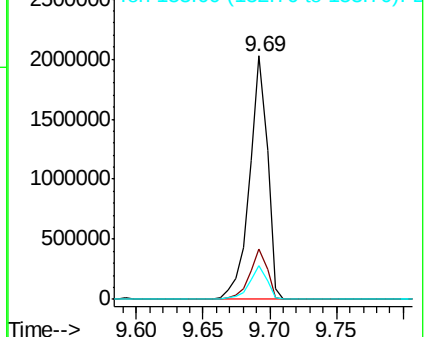
153 13.7 11.2 16.8

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



#50

Dimethylphthalate

Concen: 61.621 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

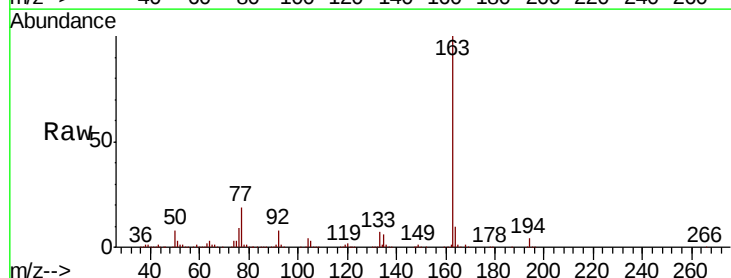
Tgt Ion:163 Resp: 1616554

Ion Ratio Lower Upper

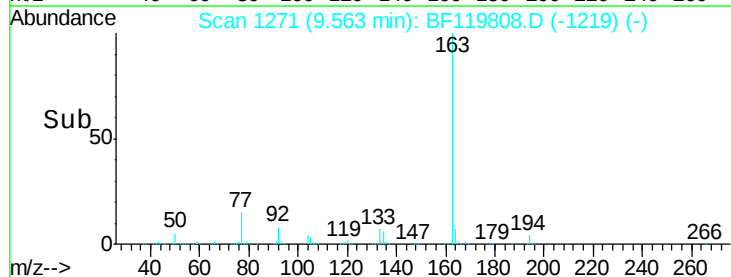
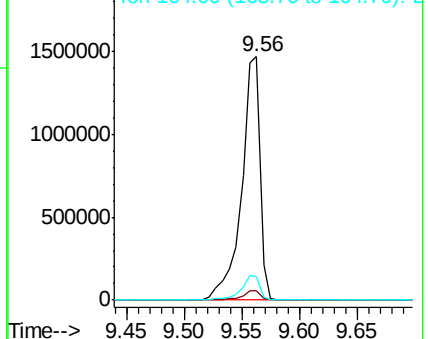
163 100

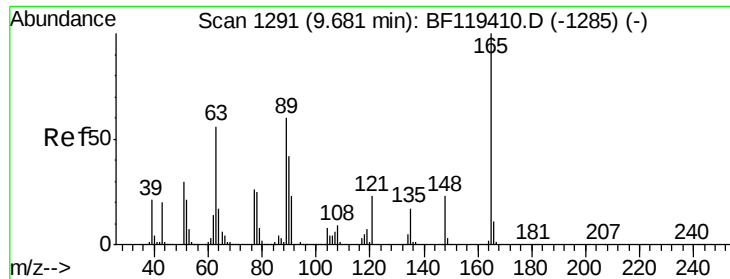
194 4.0 3.1 4.7

164 9.8 8.2 12.2



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





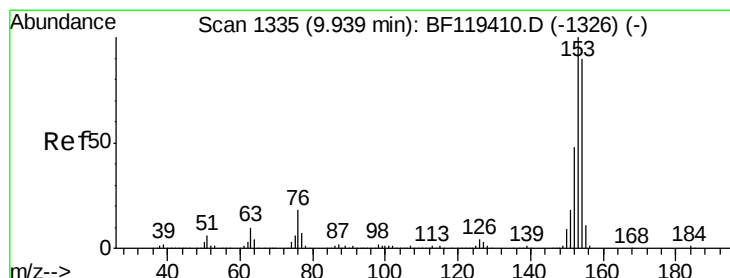
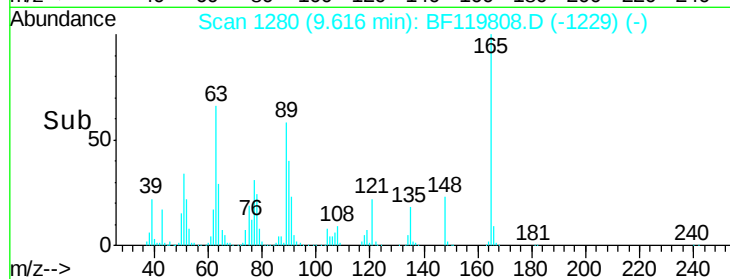
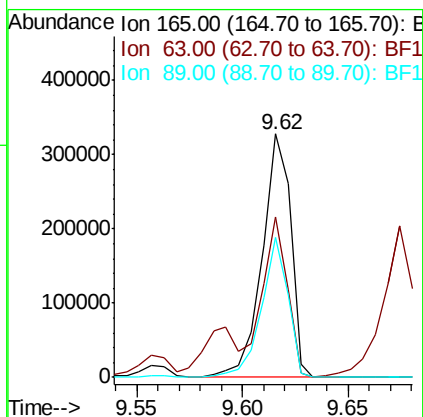
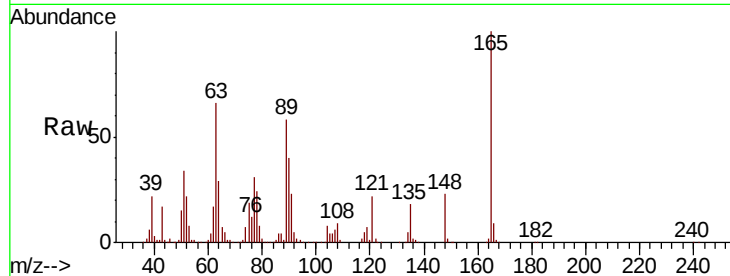
#51
2,6-Dinitrotoluene
Concen: 55.125 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Instrument :
BNA_F
ClientSampleId :
SB-2E-(7-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	309970		
63	66.0	45.0	67.4	
89	57.7	41.5	62.3	

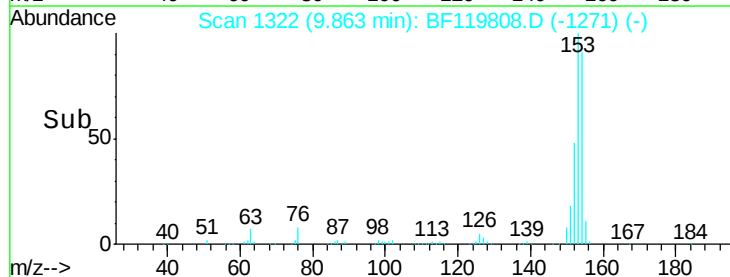
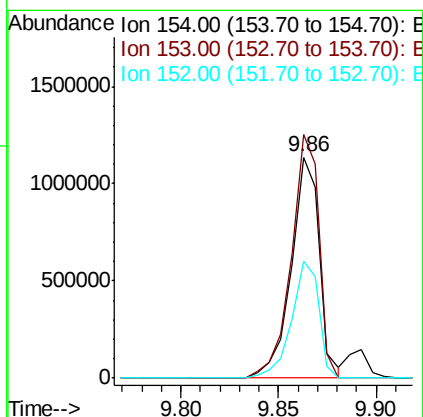
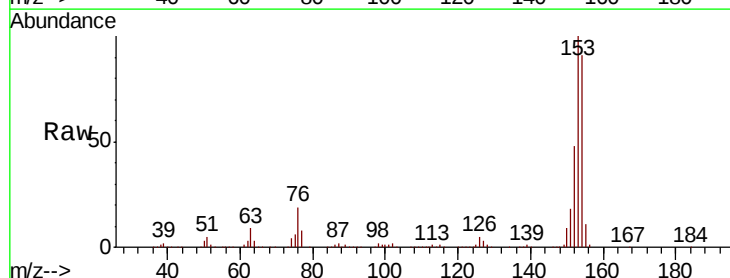
Manual Integrations
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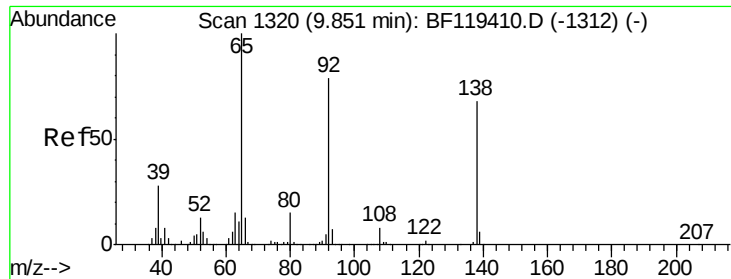
mohammad
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#52
Acenaphthene
Concen: 48.953 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1129205		
153	110.2	88.1	132.1	
152	53.0	43.0	64.4	





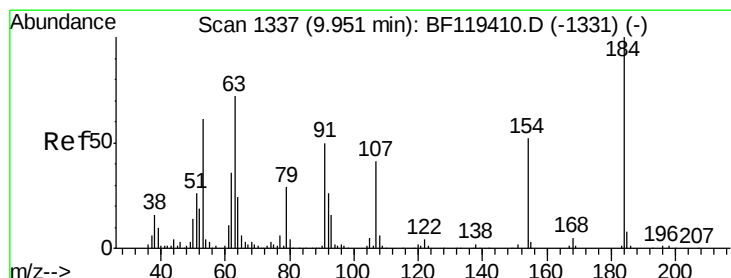
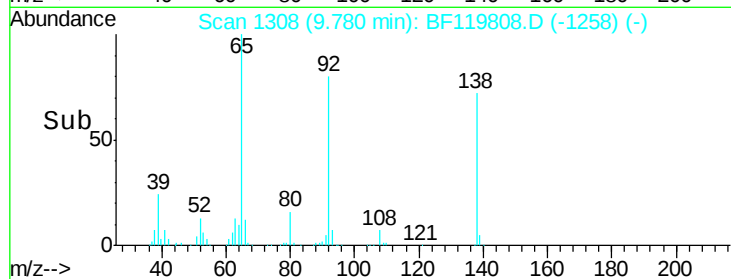
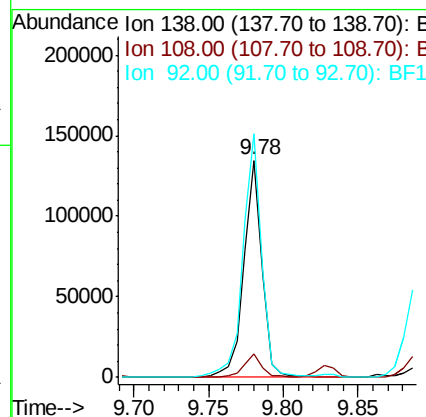
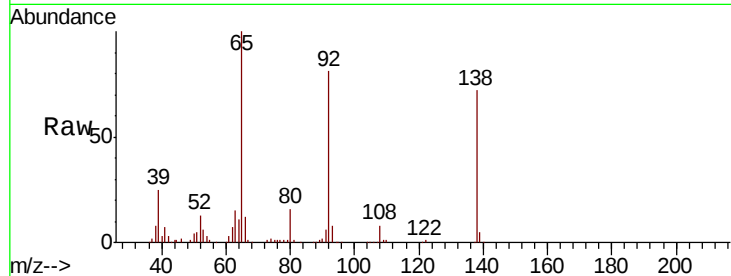
#53
3-Nitroaniline
Concen: 16.135 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Instrument :
BNA_F
ClientSampleId :
SB-2E-(7-9)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.6	13.0
92	112.1	95.4	143.0

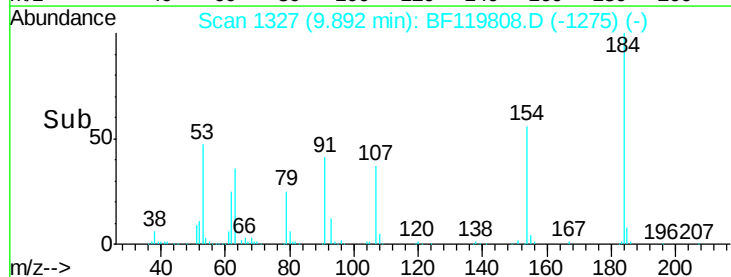
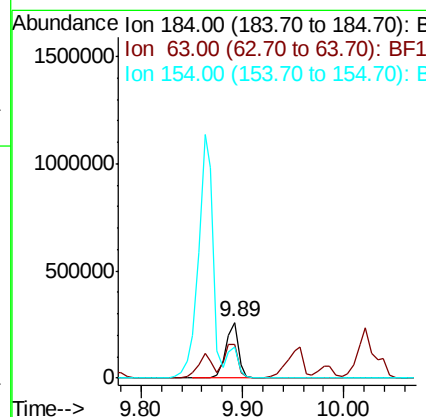
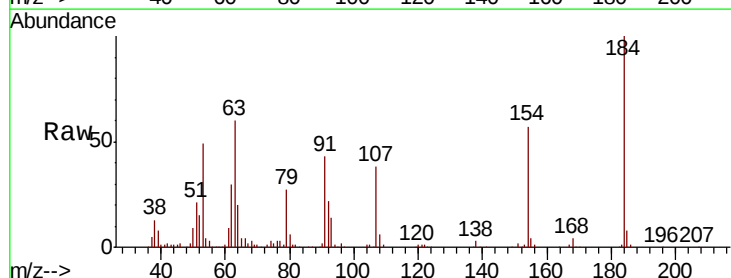
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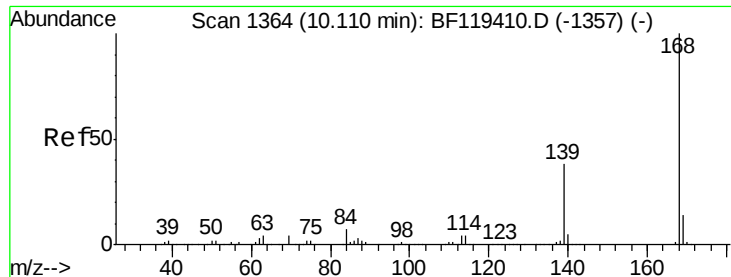
mohammad
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#54
2,4-Dinitrophenol
Concen: 93.102 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.4	50.2	75.4
154	56.7	44.5	66.7





#55

Dibenzenofuran

Concen: 49.901 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA_F

ClientSampleId :

SB-2E-(7-9)MS

Tot Ion:168 Resp: 1650322

Ion Ratio Lower Upper

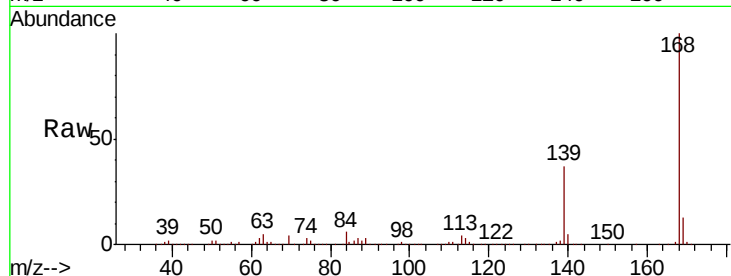
168 100

139 37.2 30.1 45.1

169 13.4 11.0 16.6

Manual Integrations
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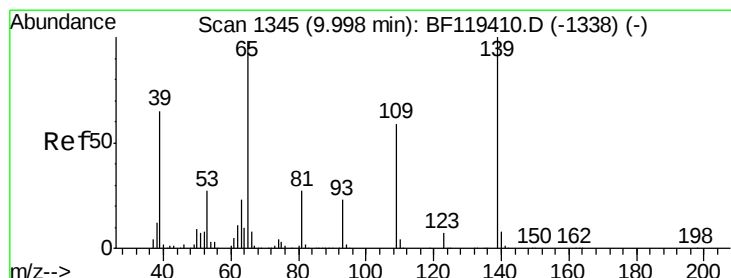
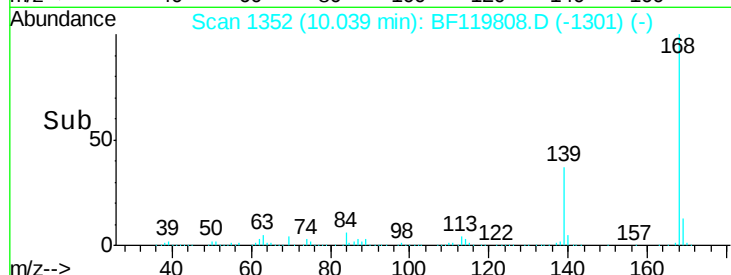
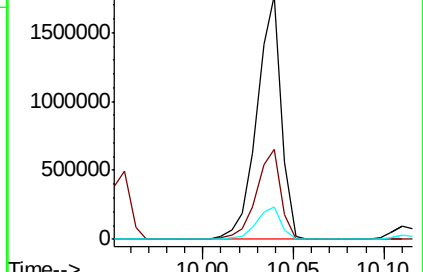
mohammad
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 91.904 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.02 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

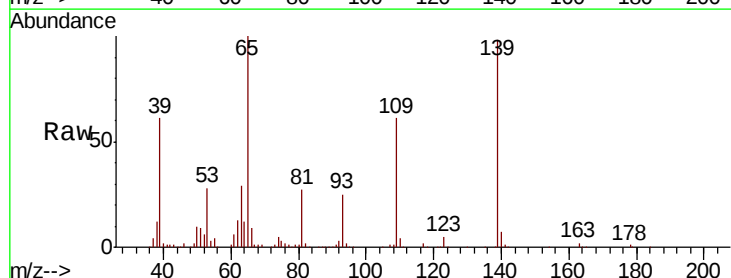
Tgt Ion:139 Resp: 514683

Ion Ratio Lower Upper

139 100

109 62.8 43.3 83.3

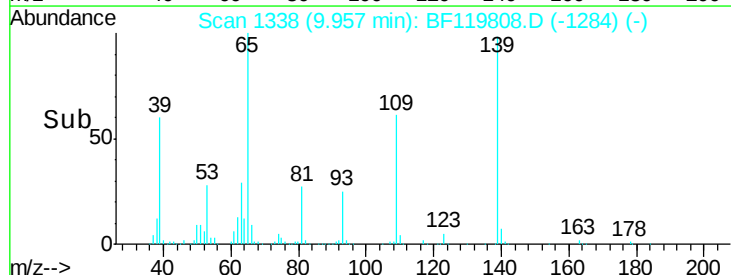
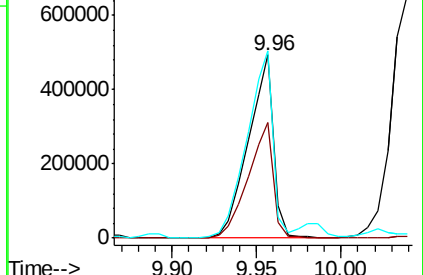
65 102.5 91.0 131.0

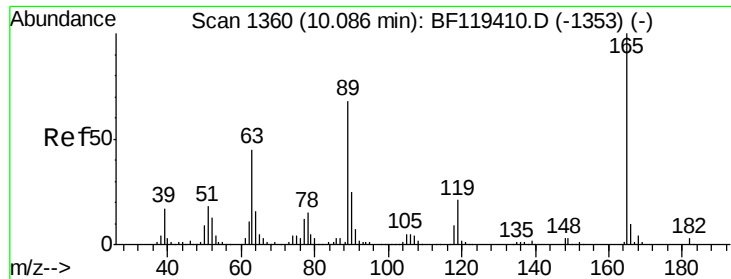


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





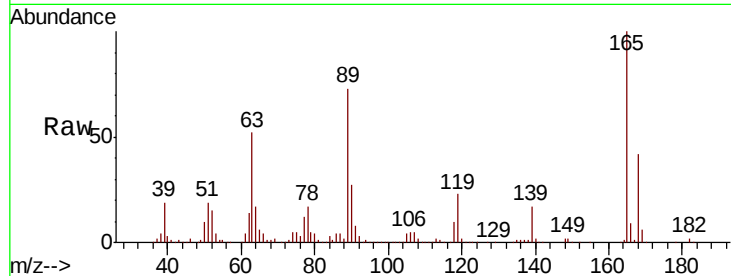
#57
 2,4-Dinitrotoluene
 Concen: 57.550 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.01 min
 Lab File: BF119808.D
 Acq: 7 Apr 2020 8:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-2E-(7-9)MS

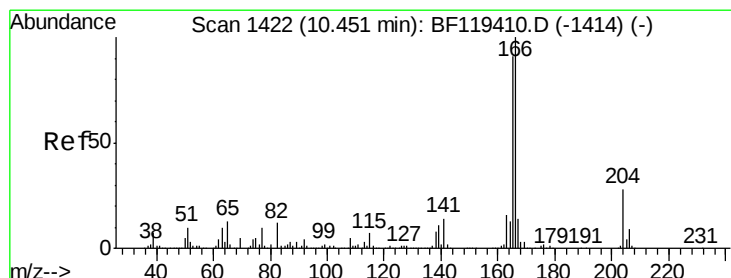
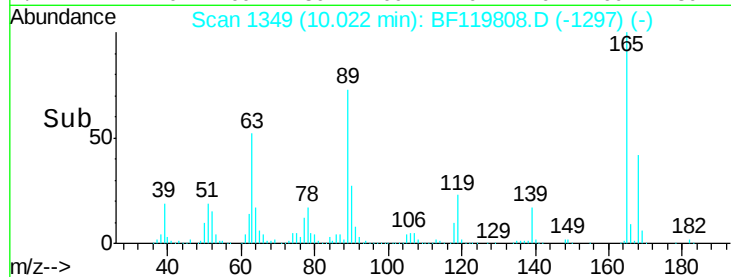
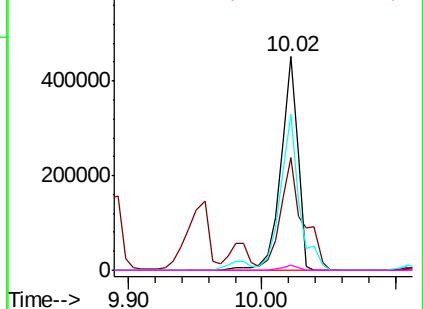
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		407657		
63	52.5	42.6	64.0		
89	73.1	61.0	91.4		
182	2.5	2.2	3.2		

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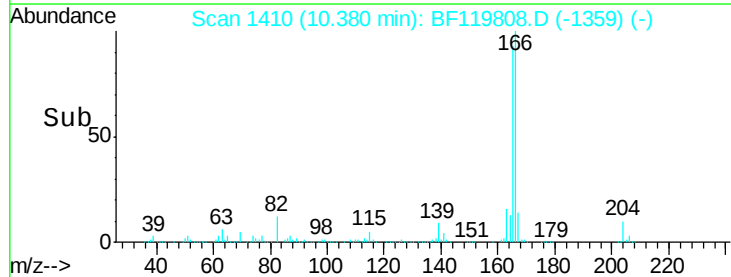
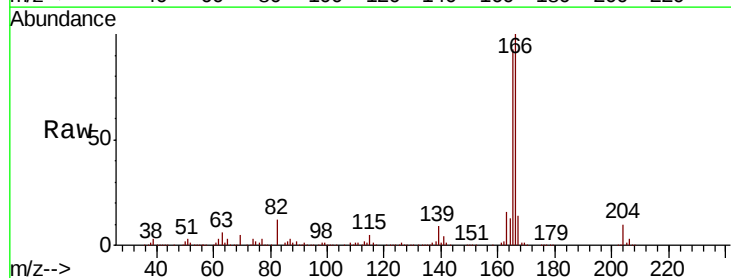
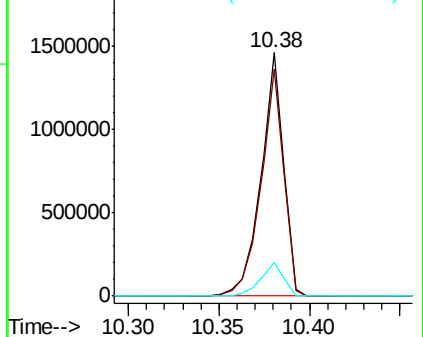
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

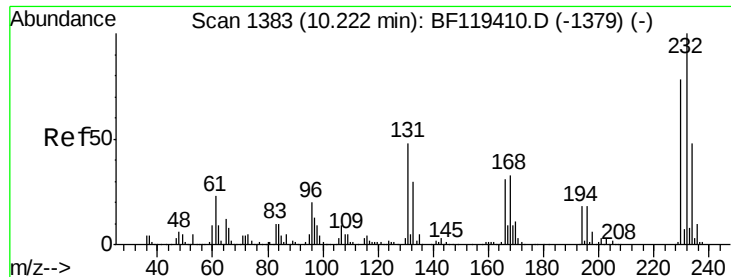


#58
 Fluorene
 Concen: 51.617 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: BF119808.D
 Acq: 7 Apr 2020 8:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1262364		
165	93.4	75.4	113.2		
167	13.6	11.2	16.8		

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





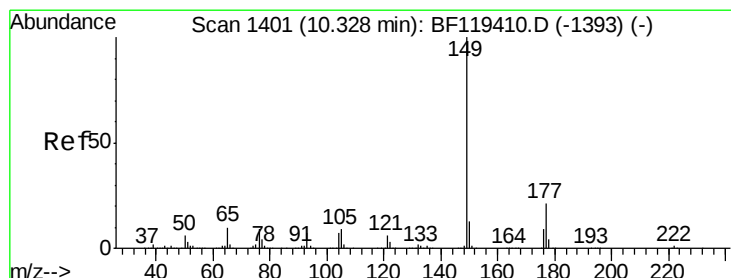
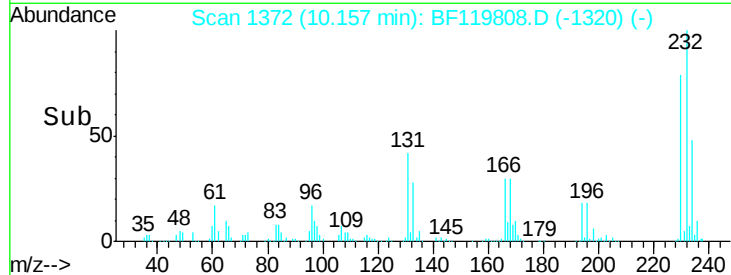
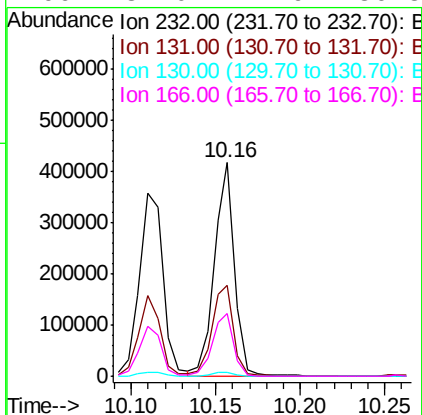
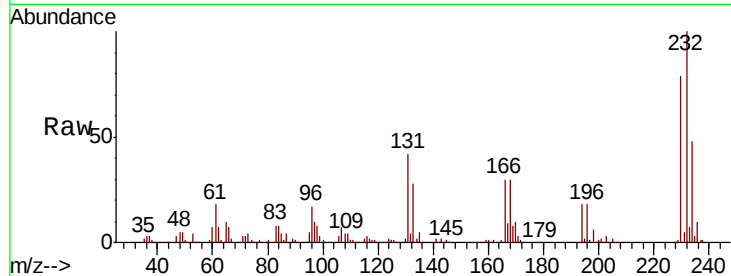
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.333 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. 0.01 min
 Lab File: BF119808.D
 Acq: 7 Apr 2020 8:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-2E-(7-9)MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.1	37.5	56.3
130	2.2	1.8	2.6
166	32.0	24.6	36.8

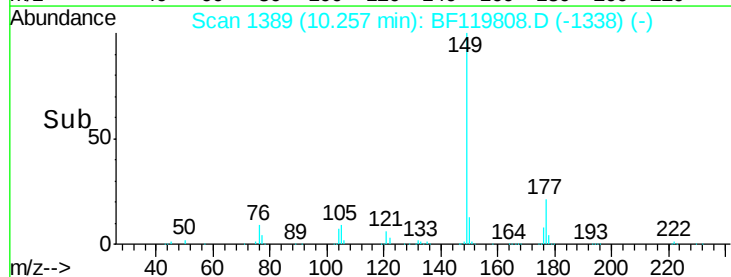
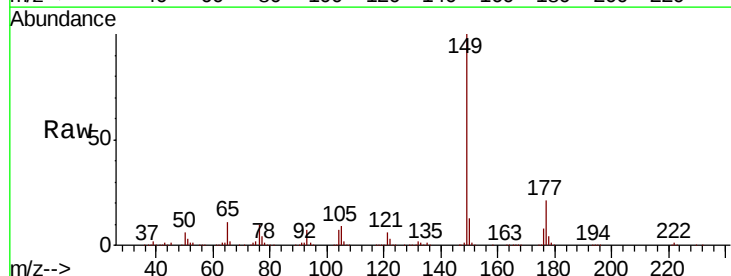
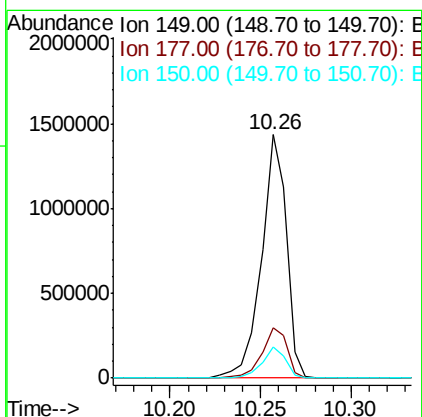
Manual Integrations
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 4/8/2020 8:12:38 AM



#60
 Diethylphthalate
 Concen: 51.456 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF119808.D
 Acq: 7 Apr 2020 8:32

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.0	25.6
150	12.7	10.1	15.1





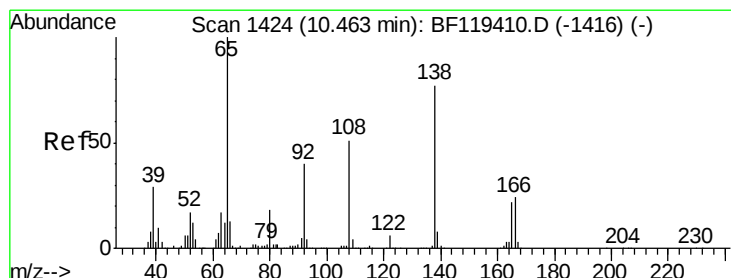
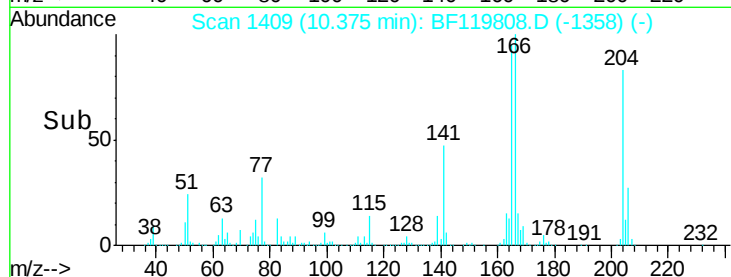
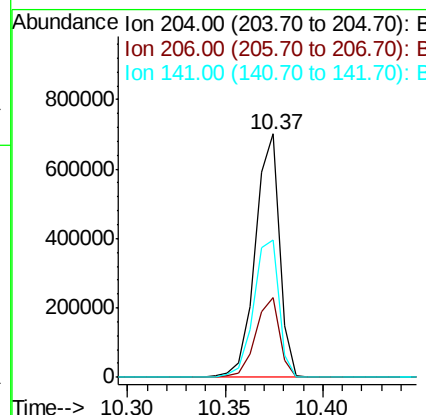
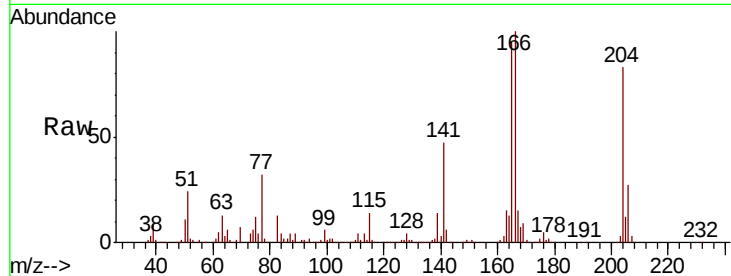
#61
4-Chlorophenyl-phenylether
Concen: 50.508 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Instrument :
BNA_F
ClientSampleId :
SB-2E-(7-9)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.7	40.1
141	56.5	47.3	70.9

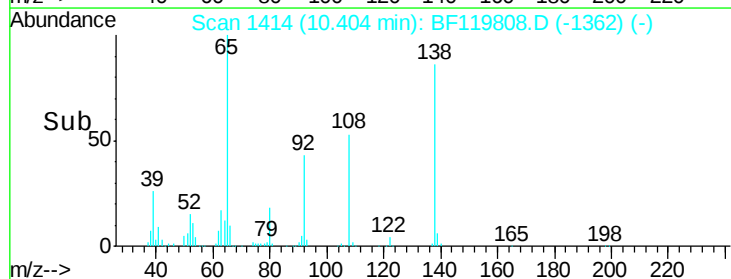
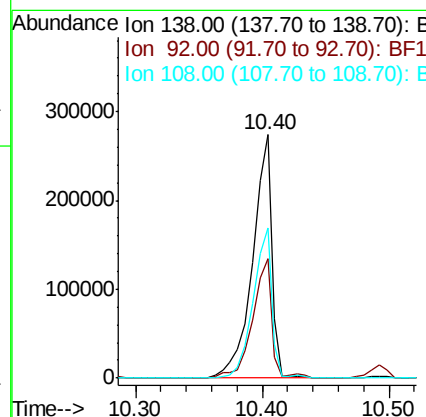
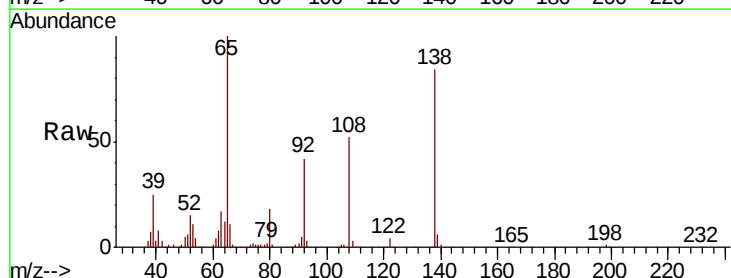
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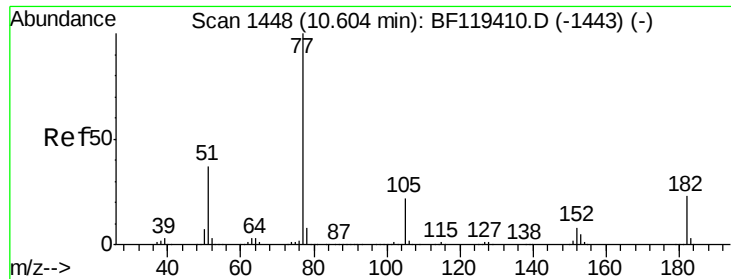
mohammad
4/8/2020 8:12:38 AM



#62
4-Nitroaniline
Concen: 42.950 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	31.5	71.5
108	61.9	45.8	85.8





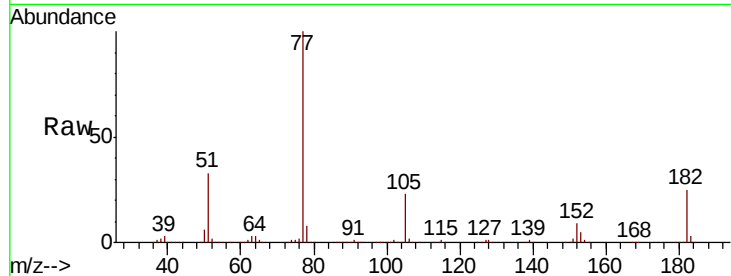
#63
Azobenzene
Concen: 48.404 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Instrument :
BNA_F
ClientSampleId :
SB-2E-(7-9)MS

Tot Ion	77	Resp	1297837
Ion	Ratio	Lower	Upper
77	100		
182	24.7	4.4	44.4
105	22.6	2.6	42.6
51	33.0	15.1	55.1

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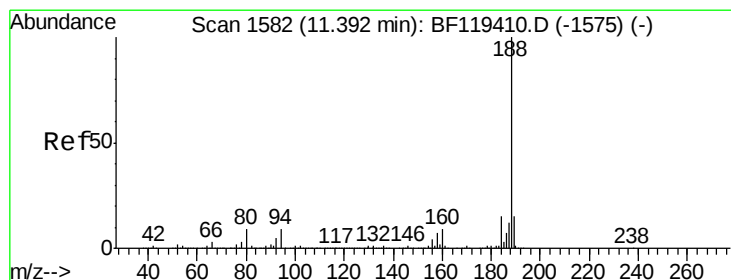
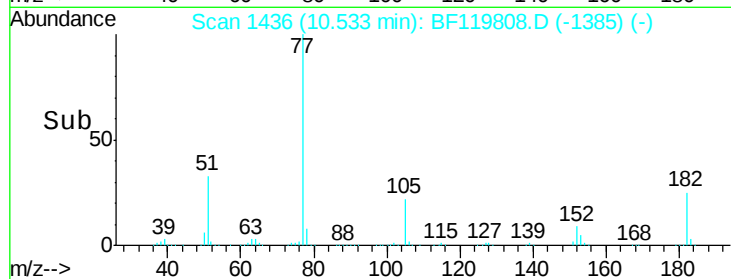
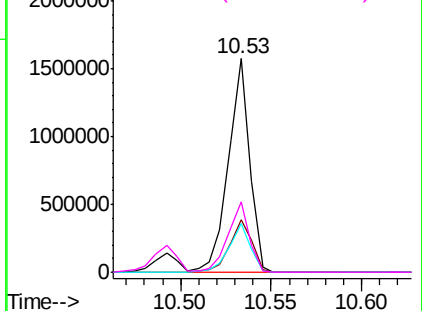
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

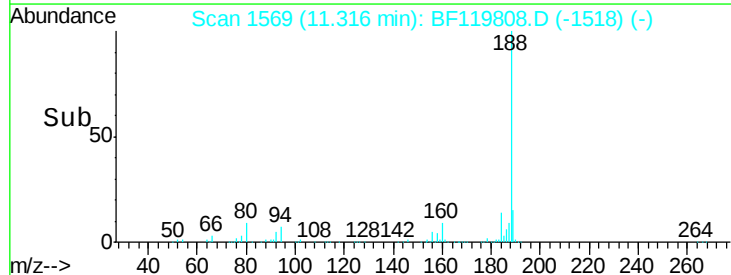
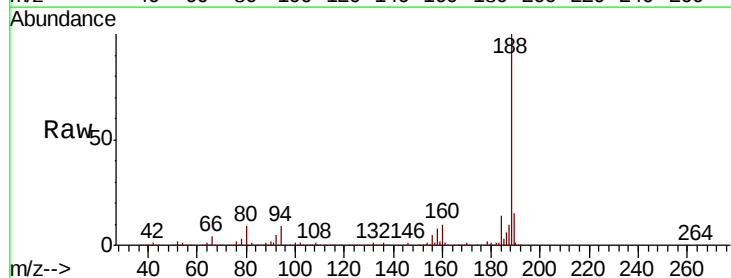
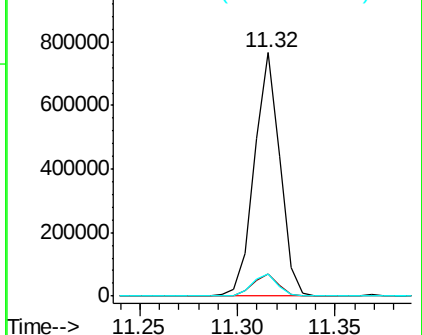
Tgt Ion	188	Resp	693508
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.5	11.3
80	9.2	9.0	13.4

Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 61.564 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA_F

ClientSampleId :

SB-2E-(7-9)MS

Tot Ion:198 Resp: 179031

Ion Ratio Lower Upper

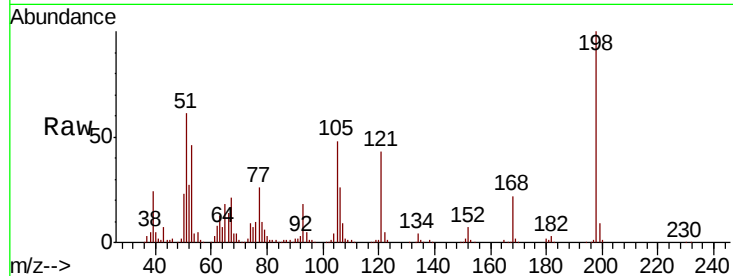
198 100

51 60.5 29.0 69.0

105 48.3 22.2 62.2

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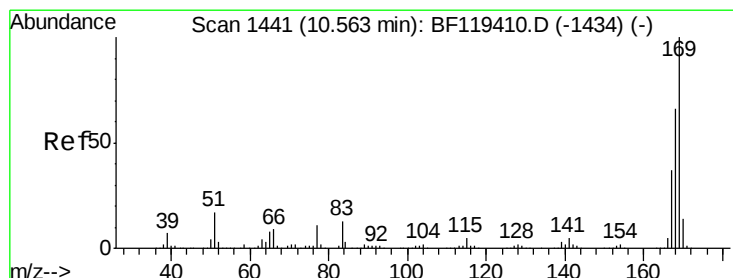
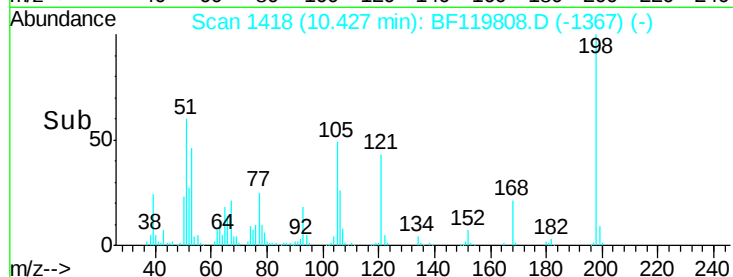
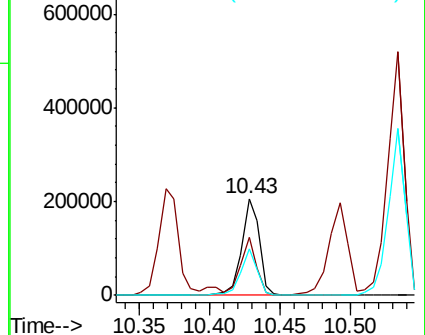
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 51.618 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

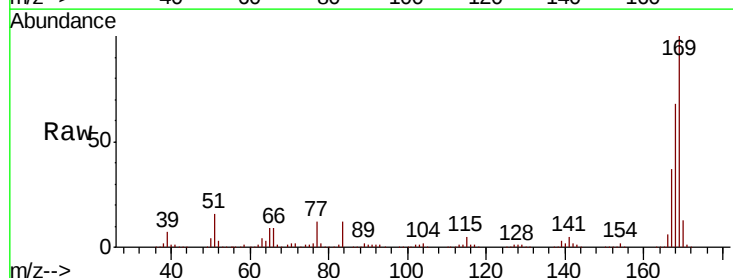
Tgt Ion:169 Resp: 1175171

Ion Ratio Lower Upper

169 100

168 67.7 53.2 79.8

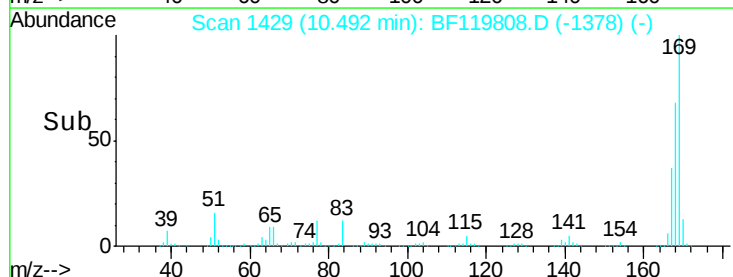
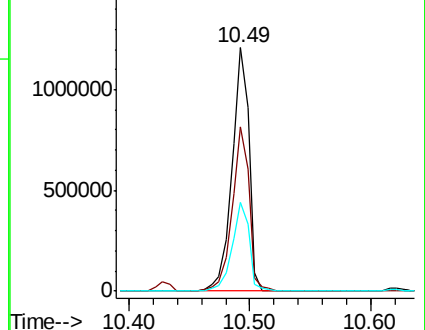
167 36.7 29.1 43.7

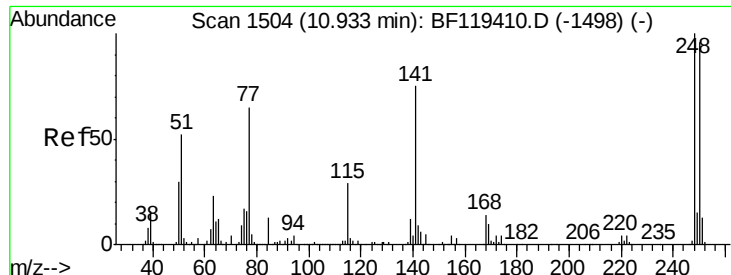


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





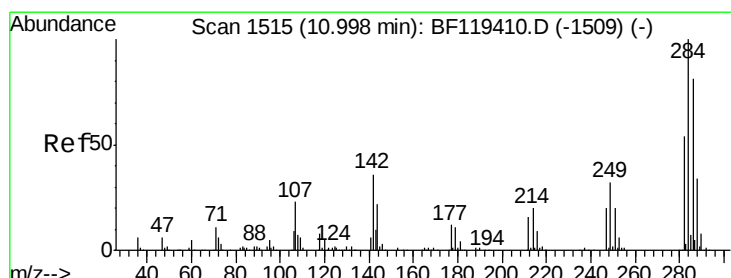
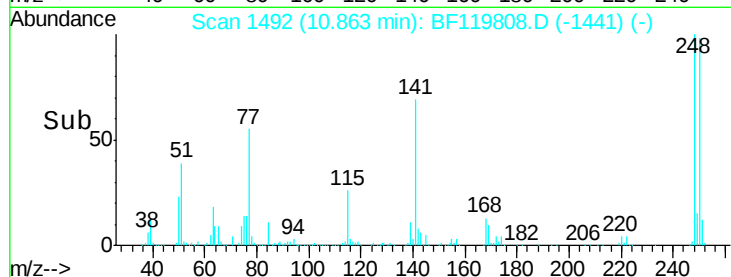
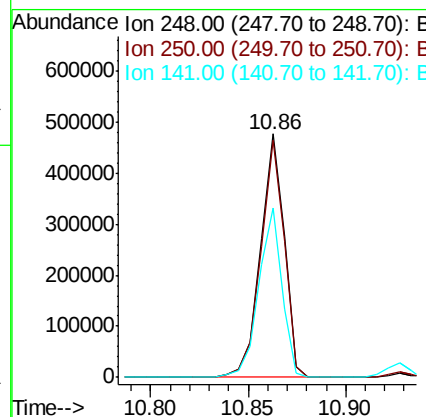
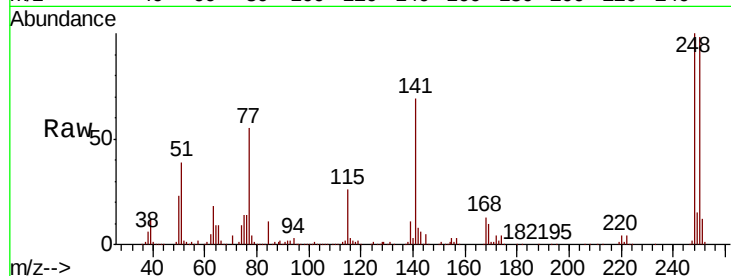
#67
 4-Bromophenyl-phenylether
 Concen: 50.946 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BF119808.D
 Acq: 7 Apr 2020 8:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-2E-(7-9)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.3	115.9
141	69.4	58.6	87.8

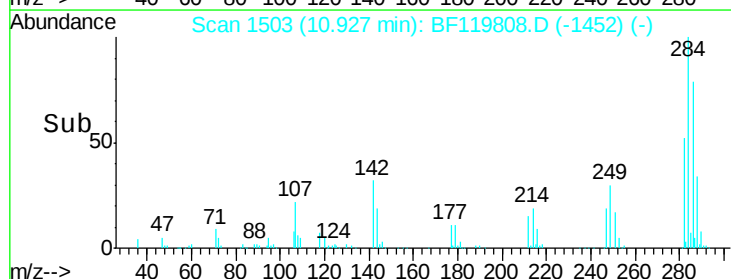
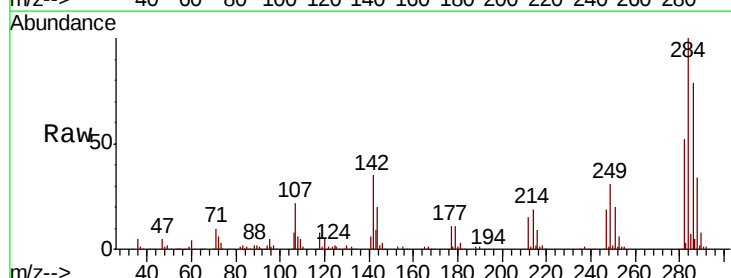
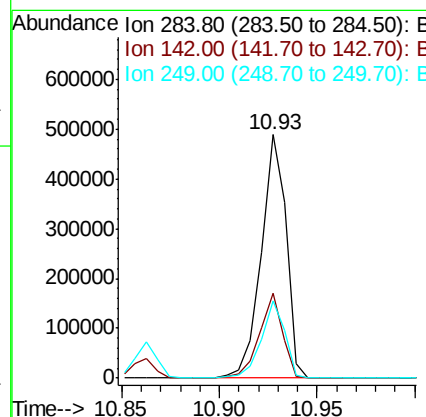
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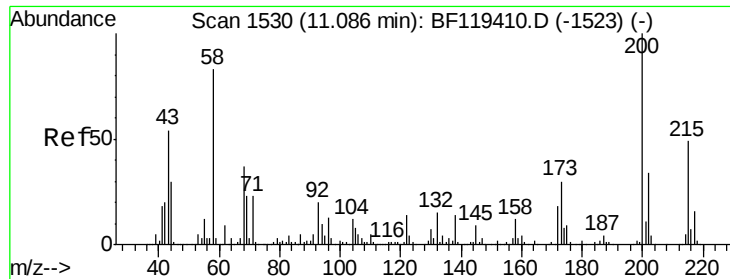
mohammad
 4/8/2020 8:12:38 AM



#68
 Hexachlorobenzene
 Concen: 53.451 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: BF119808.D
 Acq: 7 Apr 2020 8:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.6	29.2	43.8
249	31.5	25.1	37.7





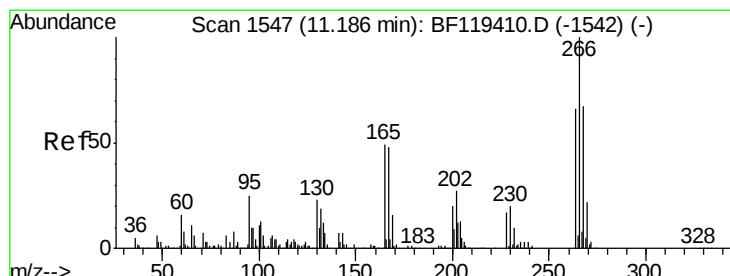
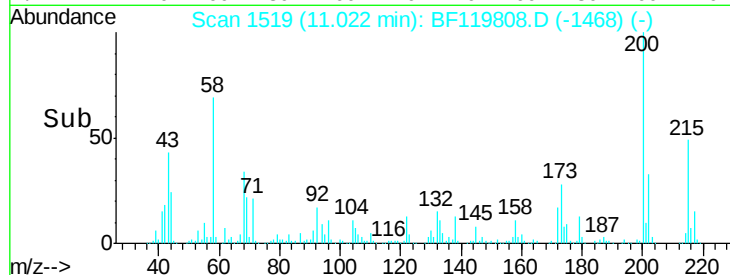
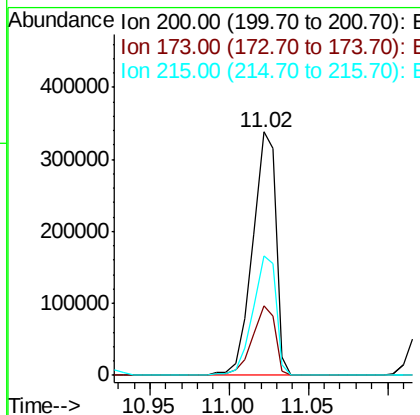
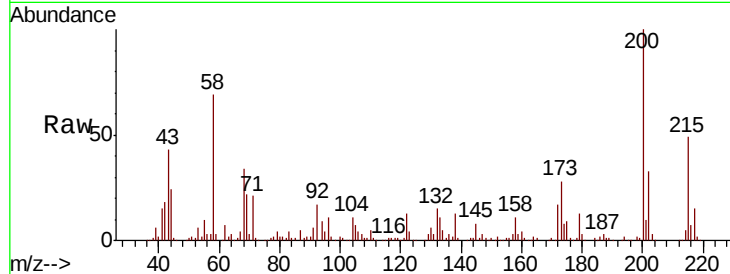
#69
Atrazine
Concen: 55.582 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Instrument :
BNA_F
ClientSampleId :
SB-2E-(7-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	346914		
173	28.3	9.3	49.3	
215	49.2	29.5	69.5	

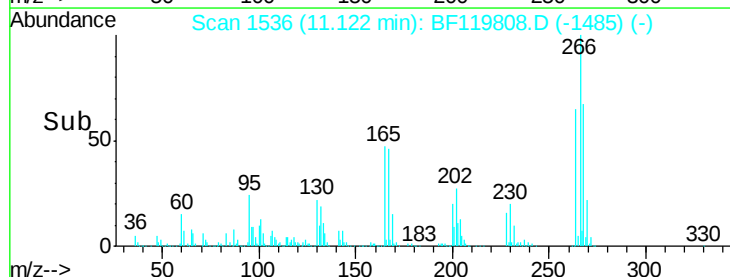
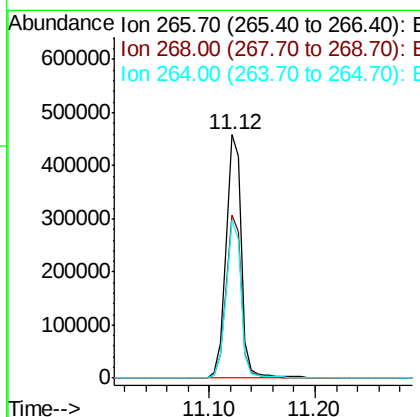
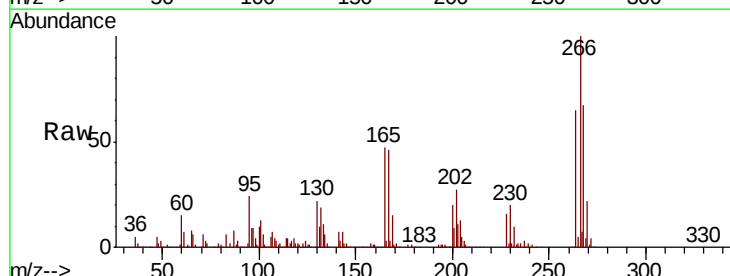
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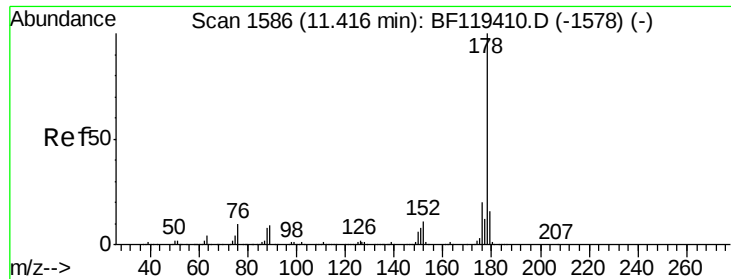
mohammad
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#70
Pentachlorophenol
Concen: 97.778 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	463452		
268	67.1	53.3	79.9	
264	64.8	49.0	73.4	





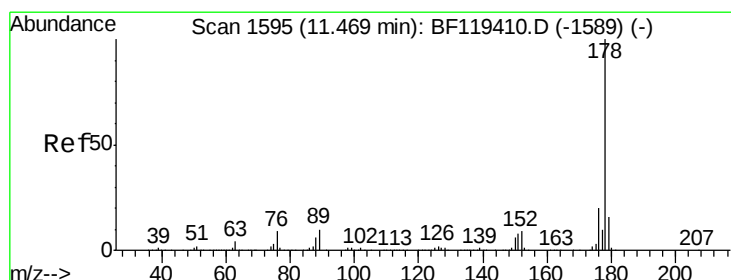
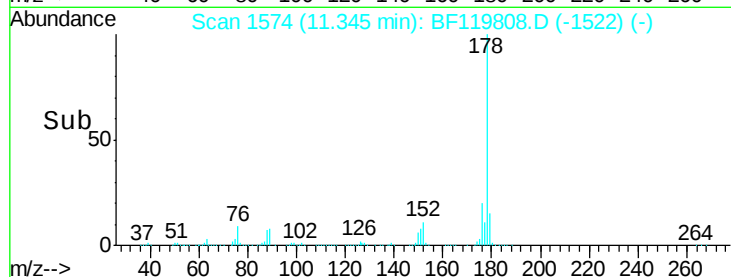
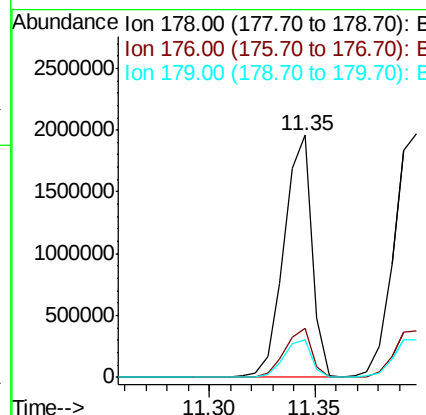
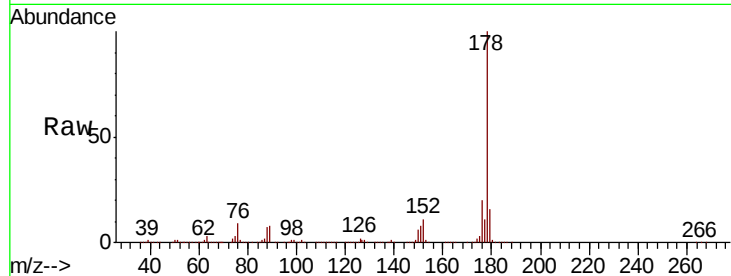
#71
Phenanthrene
Concen: 50.459 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Instrument :
BNA_F
ClientSampleId :
SB-2E-(7-9)MS

Tot Ion:178 Resp: 1814525
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 15.7 13.2 19.8

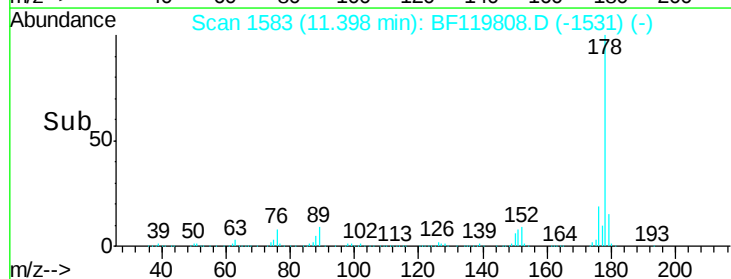
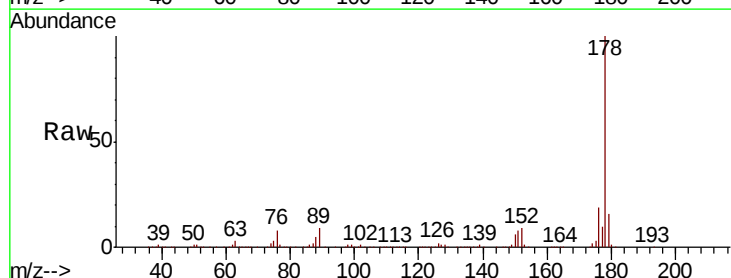
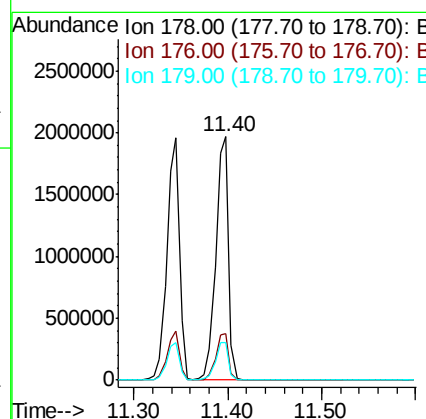
Manual Integrations
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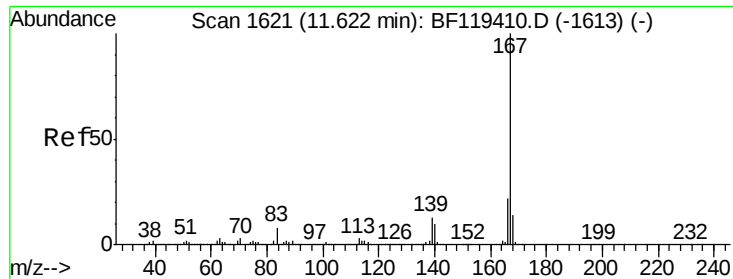
mohammad
4/8/2020 8:12:38 AM



#72
Anthracene
Concen: 51.666 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Tgt Ion:178 Resp: 1888267
Ion Ratio Lower Upper
178 100
176 18.9 16.1 24.1
179 15.6 13.0 19.4





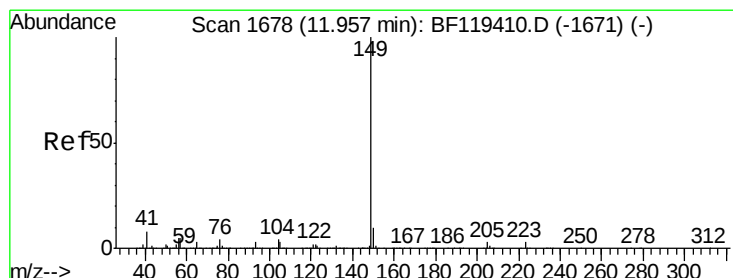
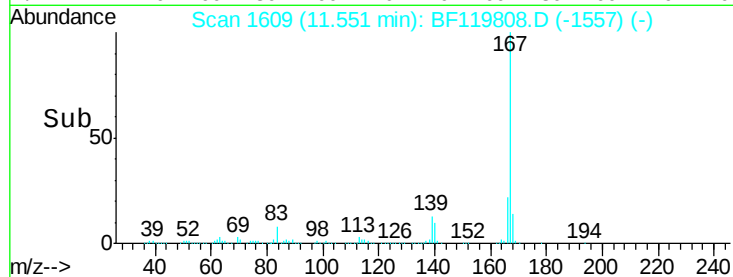
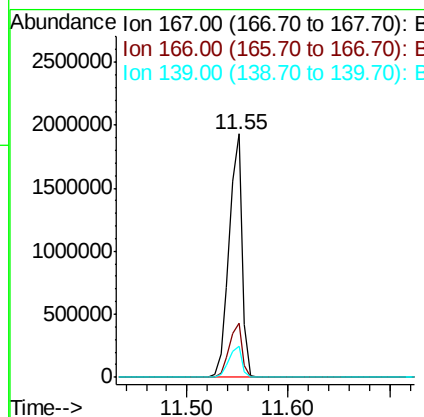
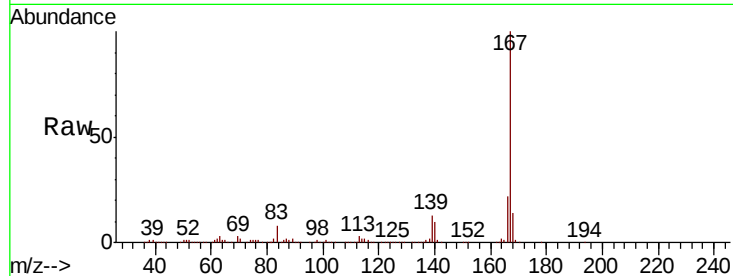
#73
 Carbazole
 Concen: 47.605 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF119808.D
 Acq: 7 Apr 2020 8:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-2E-(7-9)MS

Tot Ion:167 Resp: 1722112
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.4
 139 12.9 10.7 16.1

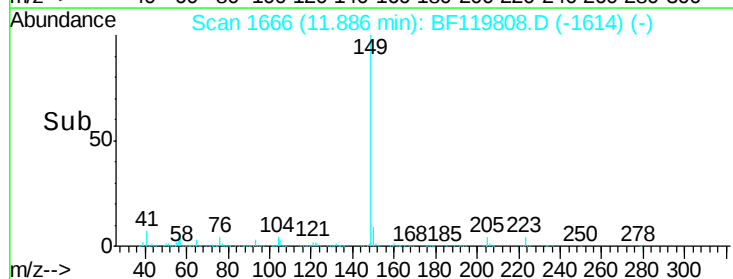
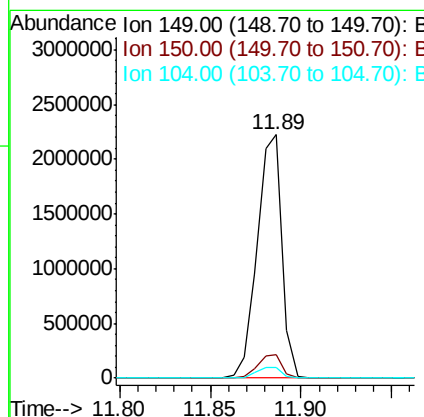
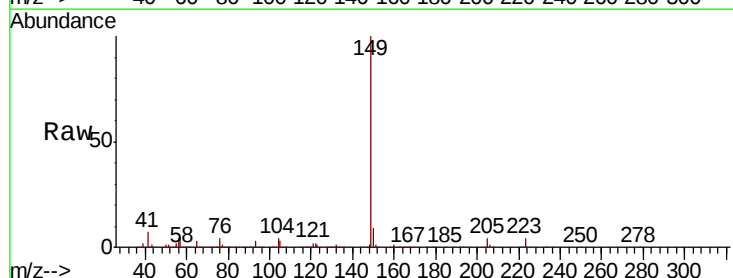
Manual Integrations
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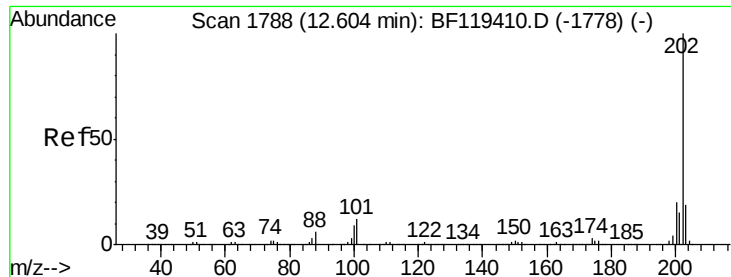
mohammad
 4/8/2020 8:12:38 AM



#74
 Di-n-butylphthalate
 Concen: 54.383 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.01 min
 Lab File: BF119808.D
 Acq: 7 Apr 2020 8:32

Tgt Ion:149 Resp: 2104509
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.8
 104 4.3 3.6 5.4





#75

Fluoranthene

Concen: 50.650 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA_F

ClientSampleId :

SB-2E-(7-9)MS

Tot Ion:202 Resp: 1971190

Ion Ratio Lower Upper

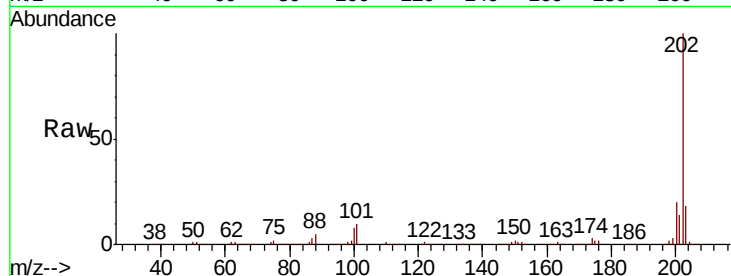
202 100

101 10.3 0.0 32.2

203 17.8 0.0 38.8

Manual Integrations
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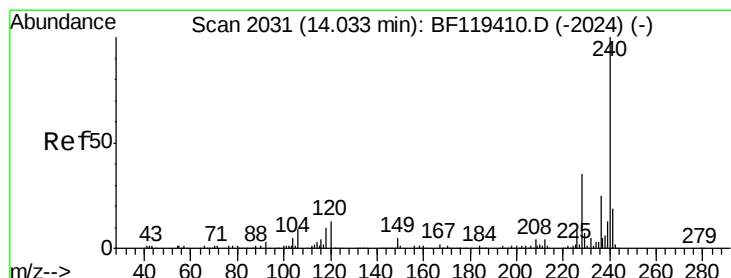
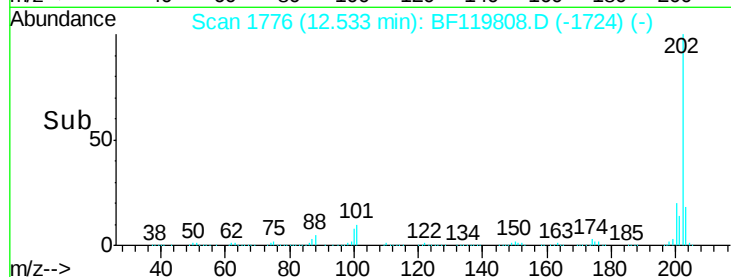
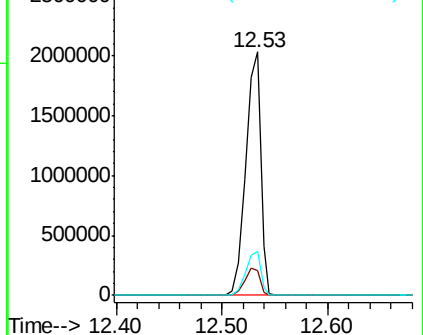
mohammad
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Tgt Ion:240 Resp: 499595

Ion Ratio Lower Upper

240 100

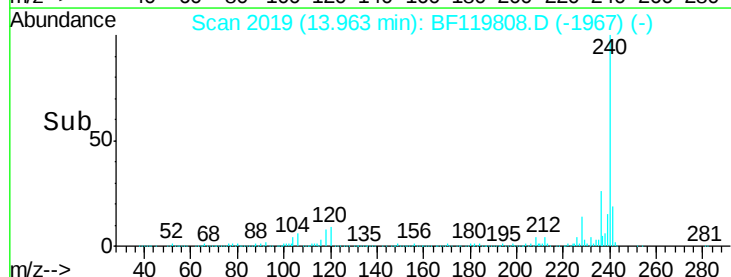
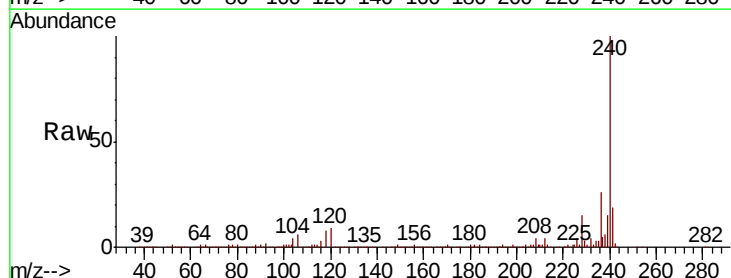
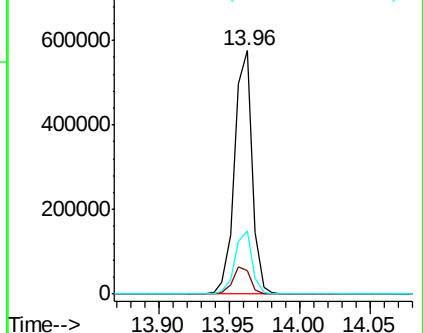
120 9.4 10.6 15.8#

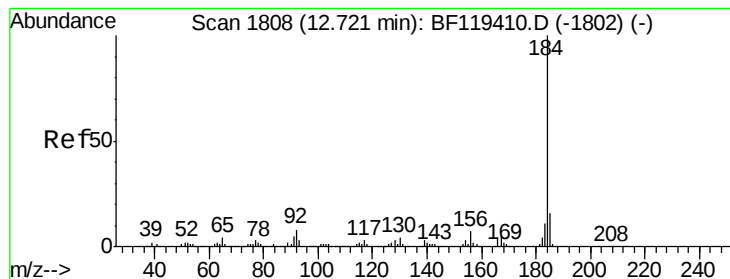
236 25.8 20.2 30.2

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.129 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA_F

ClientSampleId :

SB-2E-(7-9)MS

Tot Ion:184 Resp: 721579

Ion Ratio Lower Upper

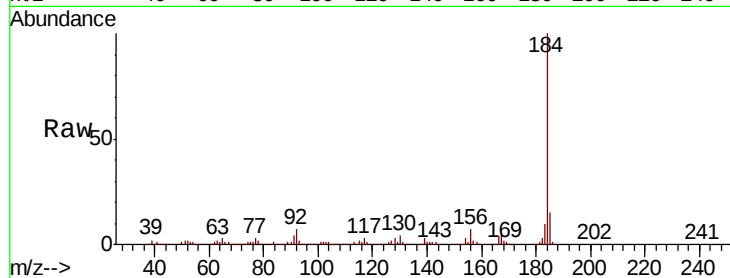
184 100

185 14.7 12.3 18.5

183 10.4 9.0 13.6

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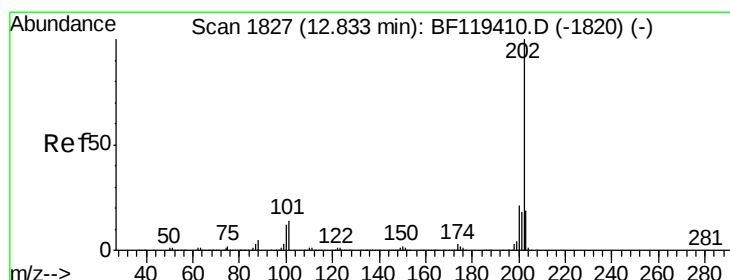
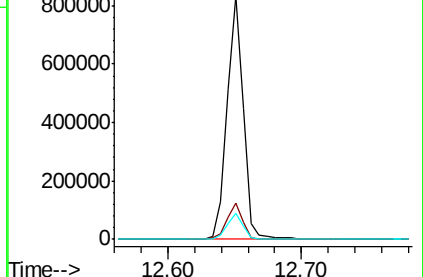
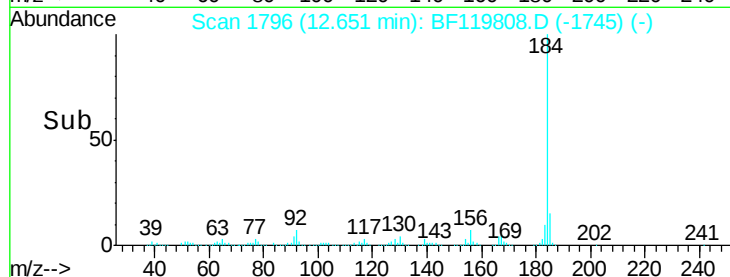
mohammad
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.064 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

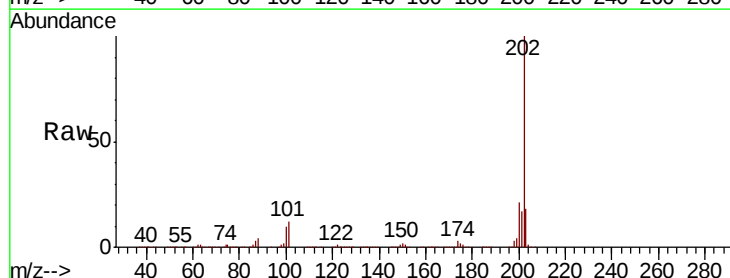
Tgt Ion:202 Resp: 1970695

Ion Ratio Lower Upper

202 100

200 20.6 16.8 25.2

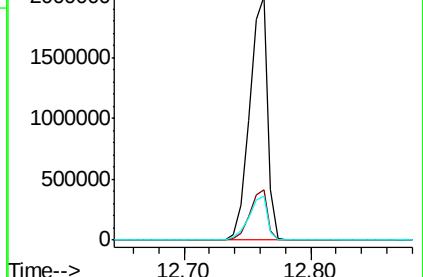
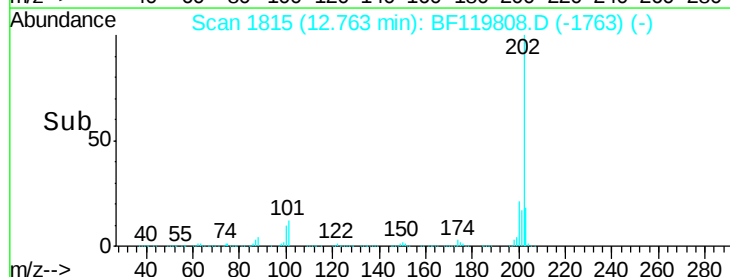
203 17.8 15.1 22.7



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





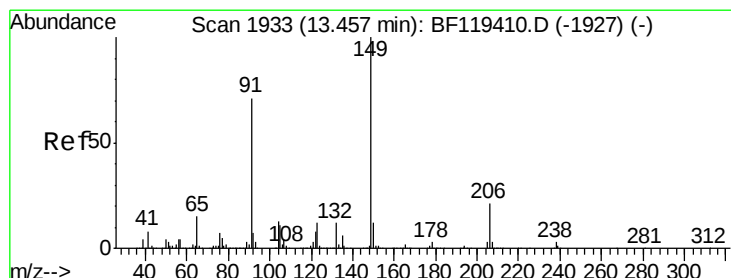
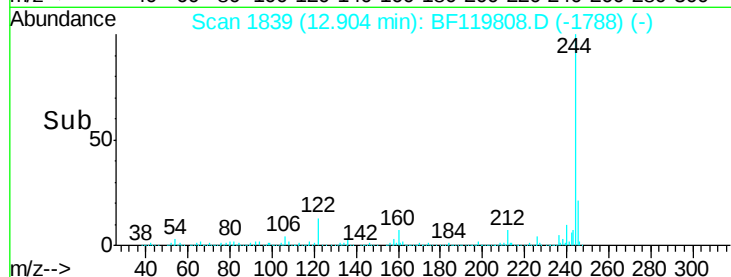
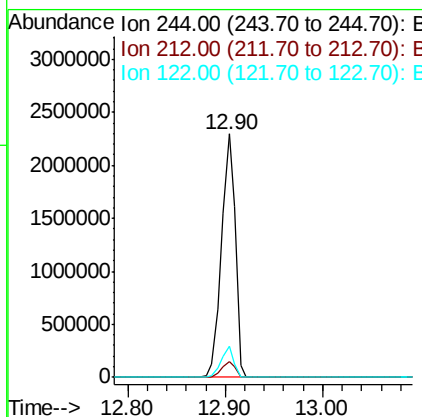
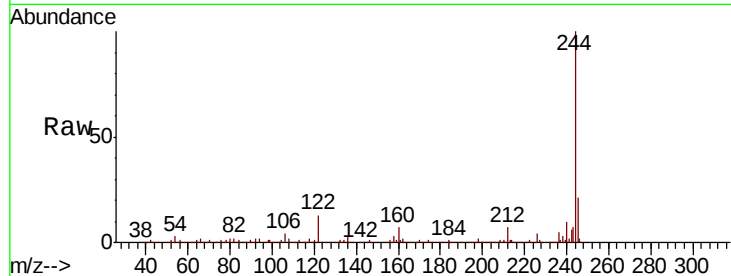
#79
 Terphenyl-d14
 Concen: 88.373 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BF119808.D
 Acq: 7 Apr 2020 8:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-2E-(7-9)MS

Tot Ion:244 Resp: 2253482
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 12.6 10.3 15.5

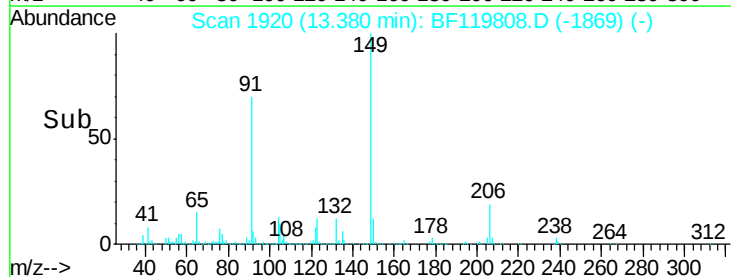
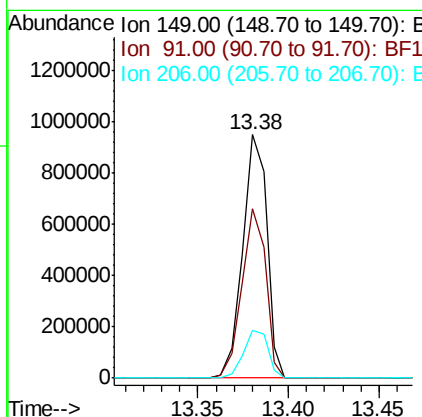
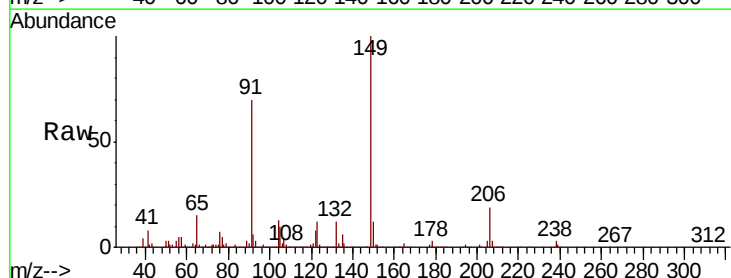
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#80
 Butylbenzylphthalate
 Concen: 53.152 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: BF119808.D
 Acq: 7 Apr 2020 8:32

Tgt Ion:149 Resp: 881426
 Ion Ratio Lower Upper
 149 100
 91 69.7 54.7 82.1
 206 19.5 16.2 24.2





#81

Benzo(a)anthracene

Concen: 49.170 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA_F

ClientSampleId :

SB-2E-(7-9)MS

Tot Ion:228 Resp: 1597423

Ion Ratio Lower Upper

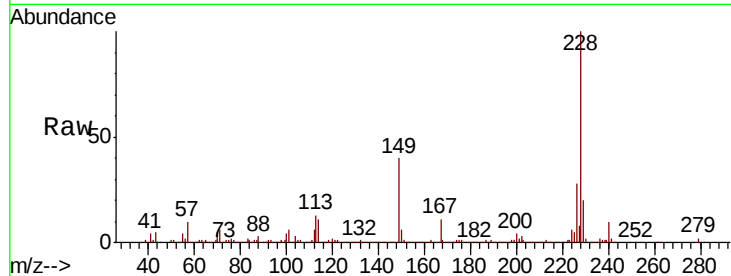
228 100

226 27.8 21.8 32.8

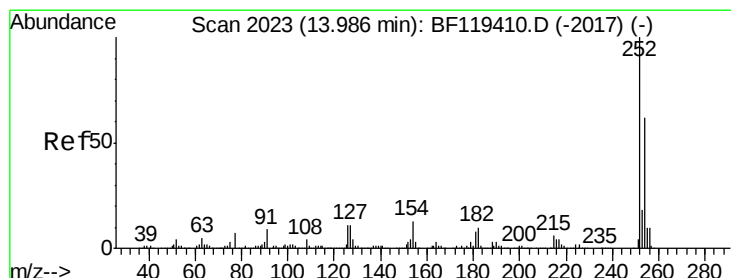
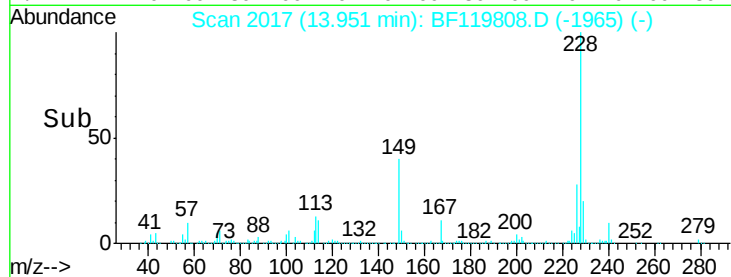
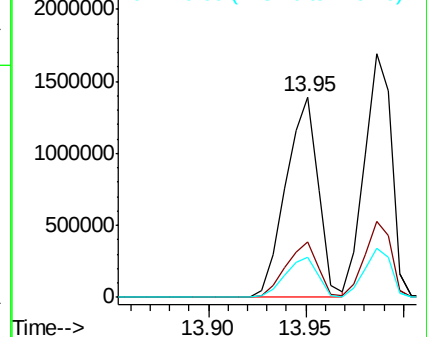
229 20.3 16.2 24.4

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



#82

3,3'-Dichlorobenzidine

Concen: 28.572 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

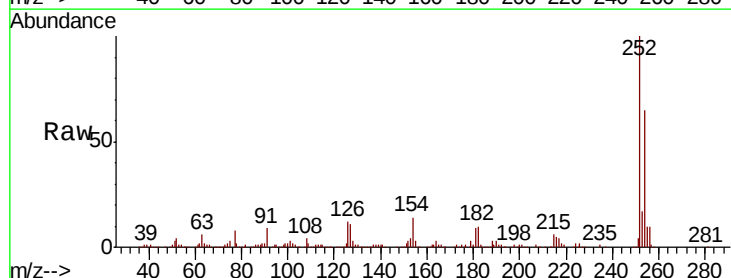
Tgt Ion:252 Resp: 365996

Ion Ratio Lower Upper

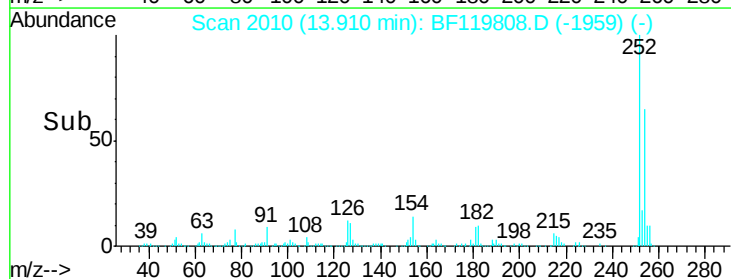
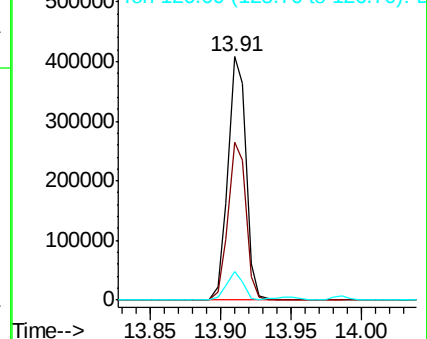
252 100

254 64.6 51.2 76.8

126 11.7 9.6 14.4



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





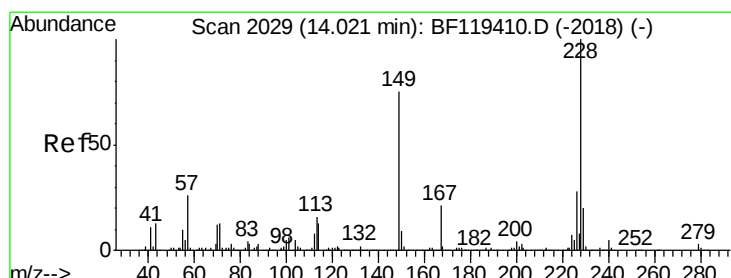
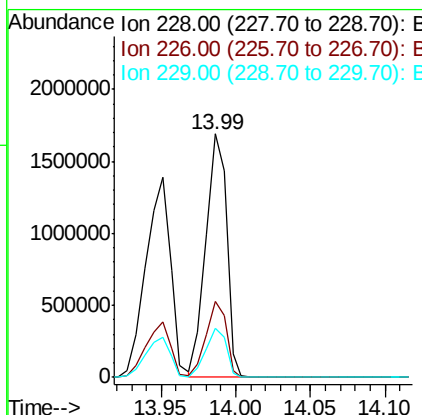
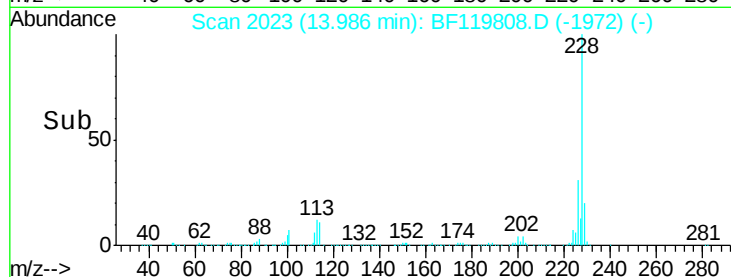
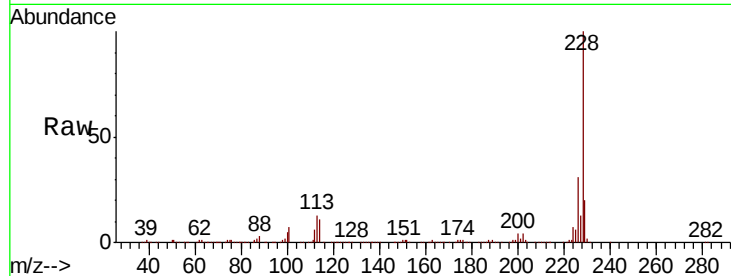
#83
 Chrysene
 Concen: 48.605 ng
 RT: 13.99 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BF119808.D
 Acq: 7 Apr 2020 8:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-2E-(7-9)MS

Tot Ion:228 Resp: 1629674
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.4 38.0
 229 20.4 16.6 24.8

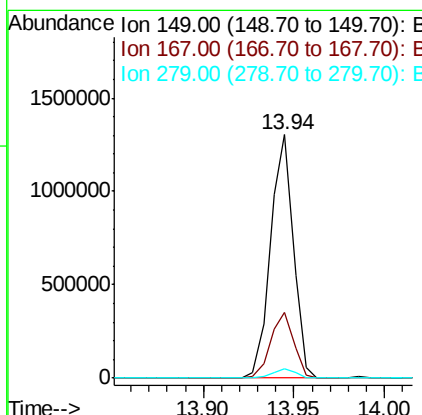
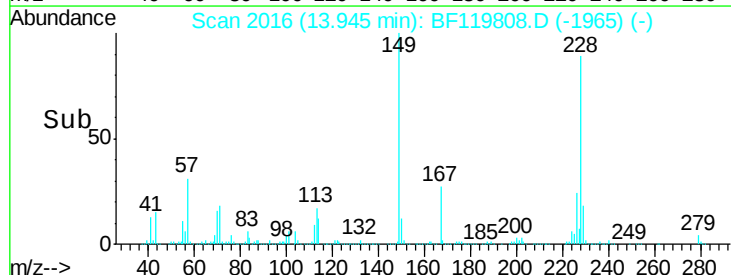
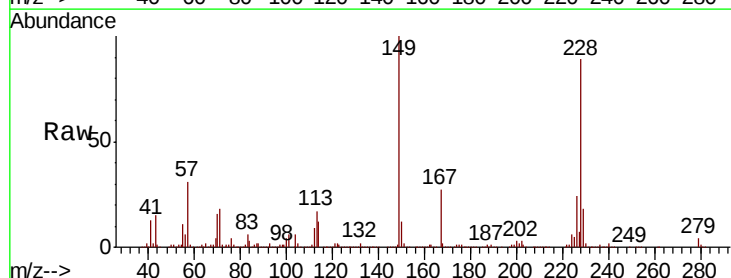
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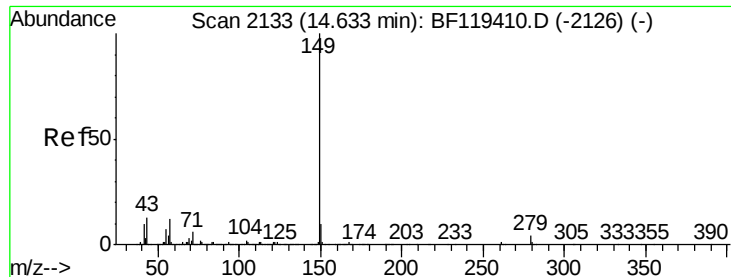
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 57.641 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF119808.D
 Acq: 7 Apr 2020 8:32

Tgt Ion:149 Resp: 1139469
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.3 31.9
 279 3.9 2.7 4.1





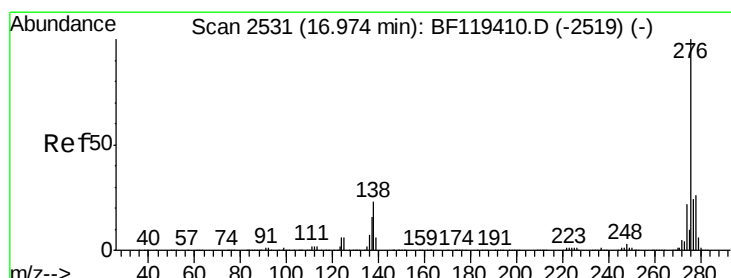
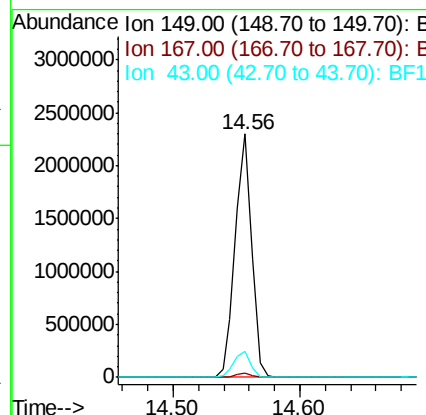
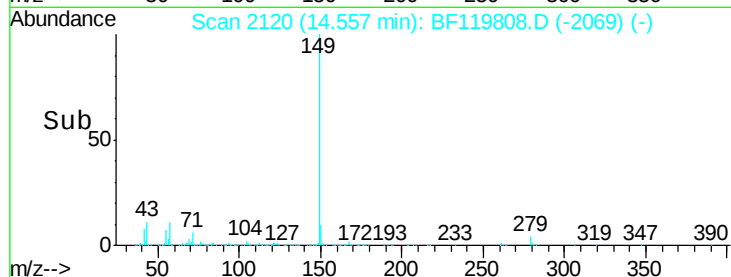
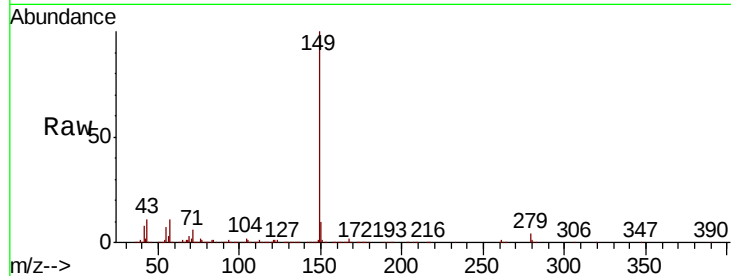
#85
Di-n-octyl phthalate
Concen: 58.919 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Instrument :
BNA_F
ClientSampleId :
SB-2E-(7-9)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.9	9.3	13.9

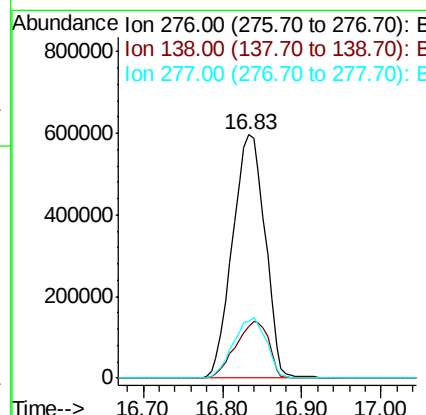
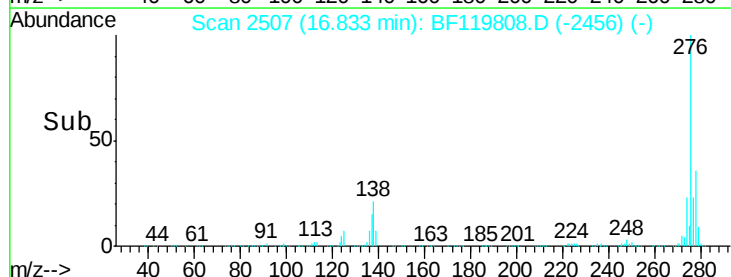
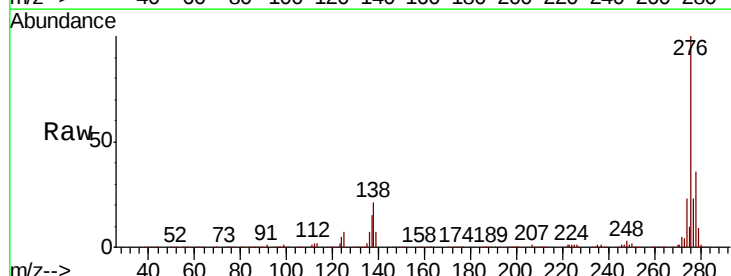
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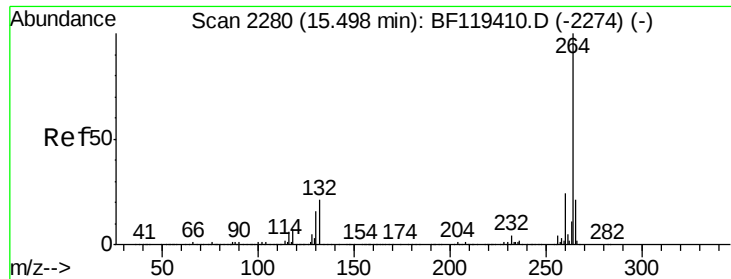
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 53.875 ng
RT: 16.83 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.6	29.4
277	25.2	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. -0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA_F

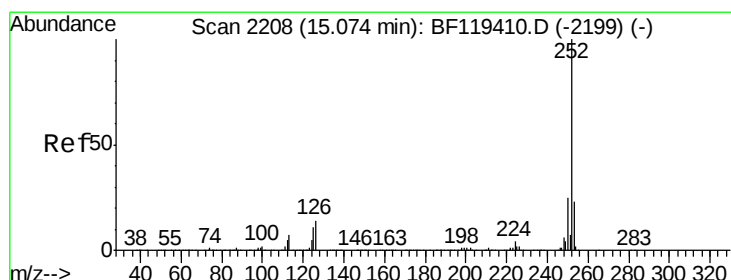
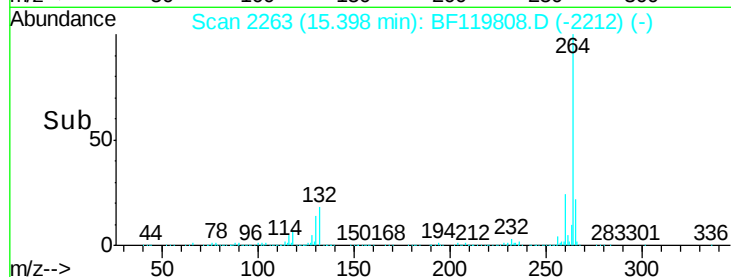
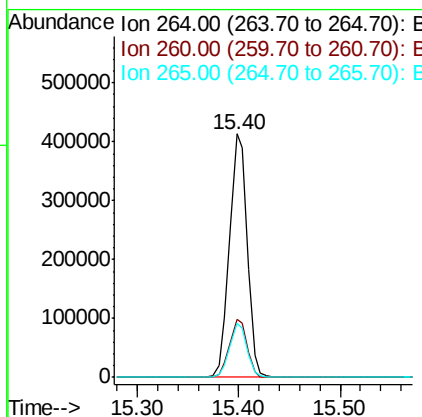
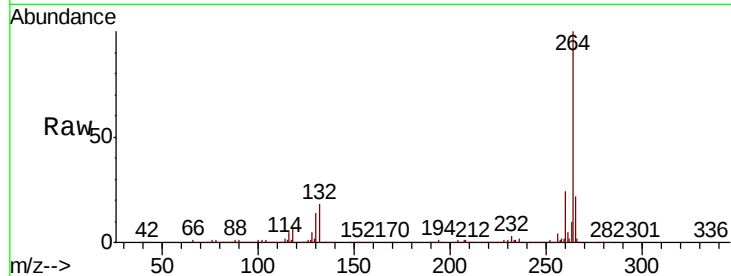
ClientSampleId :

SB-2E-(7-9)MS

Tot Ion:	264	Resp:	505122
Ion Ratio		Lower	Upper
264	100		
260	24.1	18.7	28.1
265	22.2	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 54.610 ng

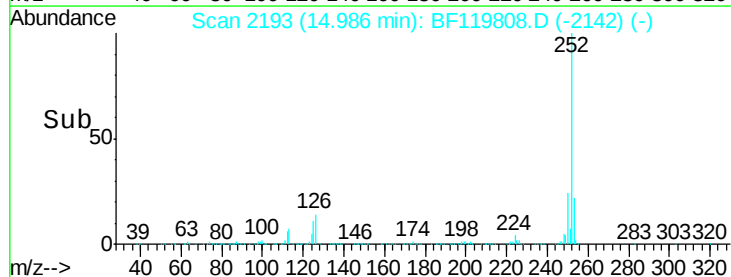
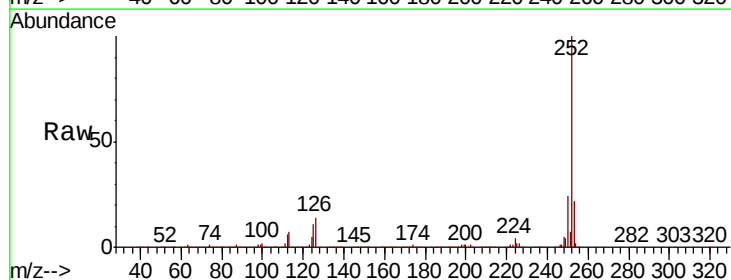
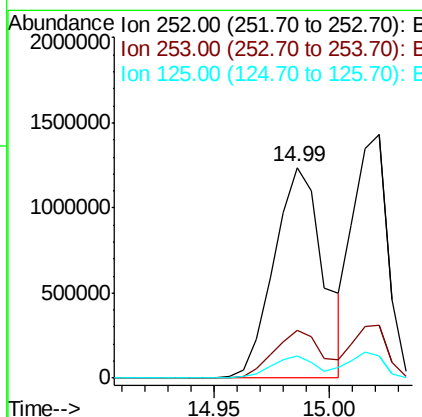
RT: 14.99 min Scan# 2193

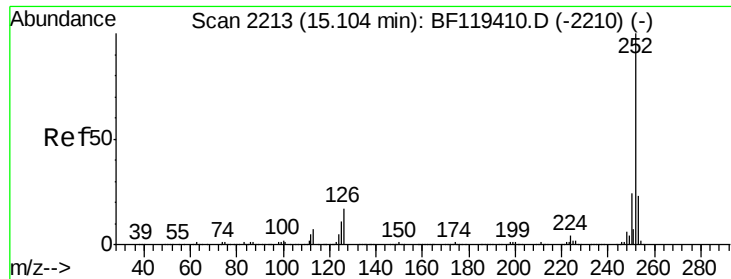
Delta R.T. 0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Tgt Ion:	252	Resp:	1842662
Ion Ratio		Lower	Upper
252	100		
253	22.5	17.4	26.0
125	10.5	7.9	11.9





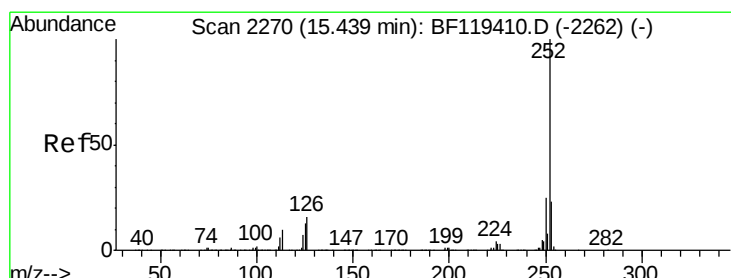
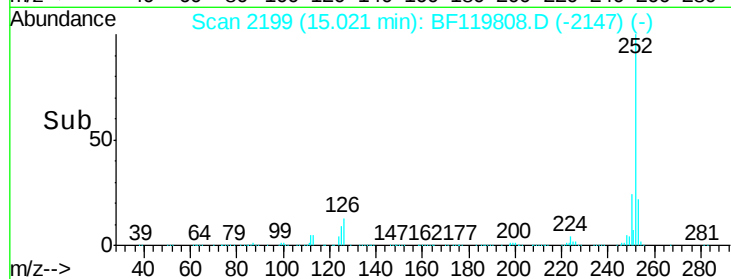
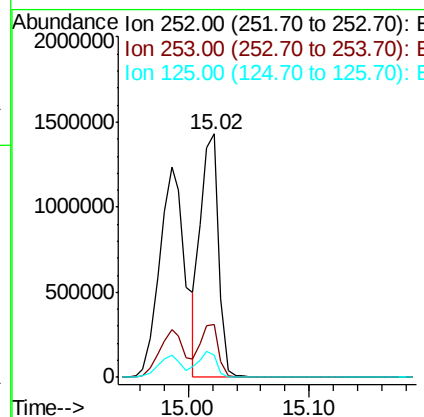
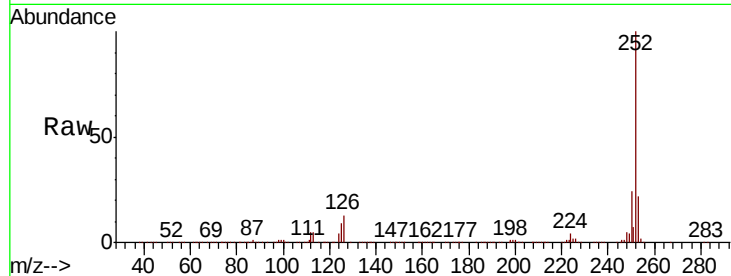
#89
Benzo(k)fluoranthene
Concen: 46.334 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Instrument :
BNA_F
ClientSampleId :
SB-2E-(7-9)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	9.1	8.4	12.6

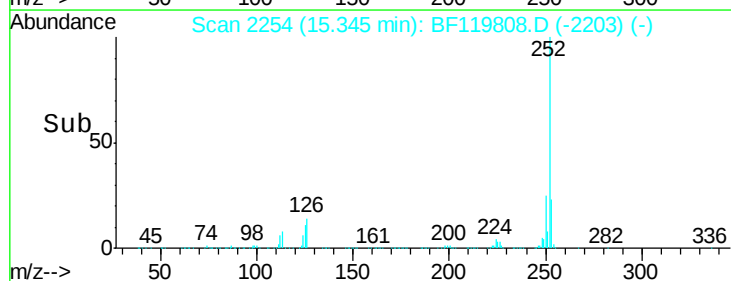
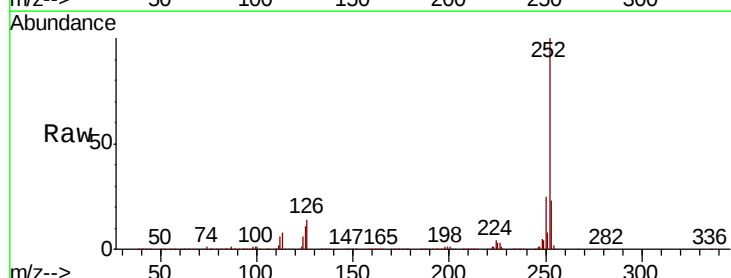
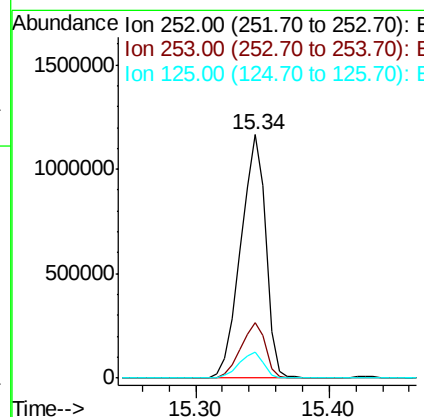
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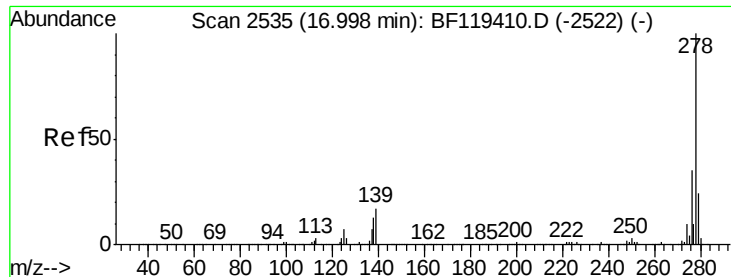
mohammad
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#90
Benzo(a)pyrene
Concen: 49.386 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.00 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	10.8	9.4	14.2





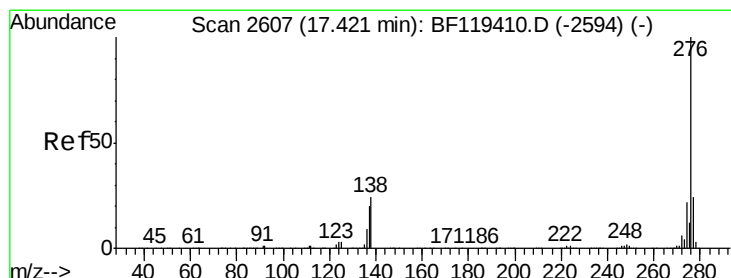
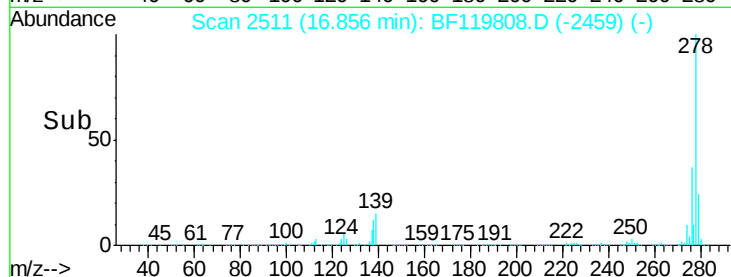
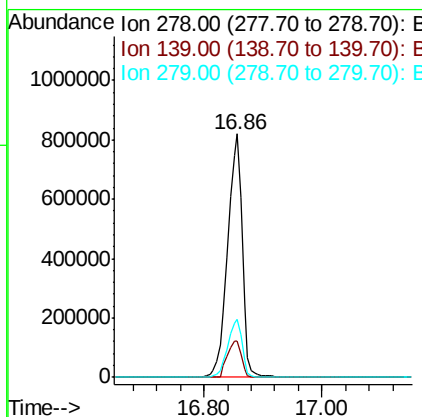
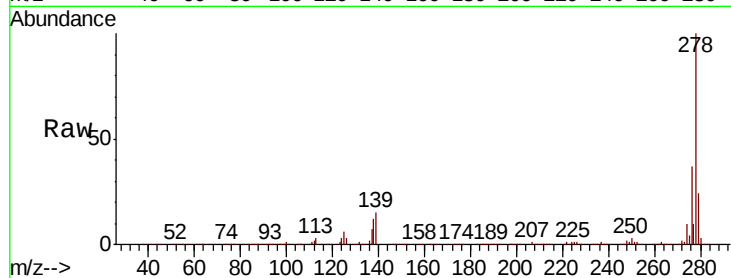
#91
Dibenzo(a,h)anthracene
Concen: 52.765 ng
RT: 16.86 min Scan# 2511
Delta R.T. 0.01 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Instrument :
BNA_F
ClientSampleId :
SB-2E-(7-9)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.6	19.0
279	23.7	19.0	28.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 51.480 ng
RT: 17.27 min Scan# 2581
Delta R.T. -0.00 min
Lab File: BF119808.D
Acq: 7 Apr 2020 8:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.4	27.6
138	21.2	15.4	23.0

