

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
 Data File : BF119498.D
 Acq On : 24 Mar 2020 21:24
 Operator : CG/JU
 Sample : PB127762BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Manual Integrations
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mohammad
 3/25/2020 12:29:49 PM

Quant Time: Mar 25 00:29:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	297388	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1153181	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	607328	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	1197112	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	868320	20.00	ng	-0.01
87) Perylene-d12	15.49	264	757588	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2013868	107.80	ng	0.00
7) Phenol-d6	6.47	99	2568581	107.63	ng	0.00
23) Nitrobenzene-d5	7.41	82	1626682	76.66	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	780782	124.61	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3076617	75.05	ng	-0.01
79) Terphenyl-d14	12.97	244	3632056	81.95	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.68	88	281087	30.465 ng	99
3) Pyridine	3.42	79	780591	30.709 ng	97
4) n-Nitrosodimethylamine	3.36	42	429687	34.664 ng	99
6) Aniline	6.50	93	920868	27.959 ng	100
8) 2-Chlorophenol	6.63	128	831401	42.374 ng	99
9) Benzaldehyde	6.39	77	538512	35.572 ng	98
10) Phenol	6.48	94	1024255m	40.225 ng	
11) bis(2-Chloroethyl)ether	6.57	93	780534	38.326 ng	95
12) 1,3-Dichlorobenzene	6.79	146	831481	39.155 ng	98
13) 1,4-Dichlorobenzene	6.86	146	838080	39.456 ng	99
14) 1,2-Dichlorobenzene	7.02	146	785153	39.547 ng	98
15) Benzyl Alcohol	6.98	79	711963	39.662 ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1517192	36.934 ng	99
17) 2-Methylphenol	7.09	107	677343	37.678 ng	99
18) Hexachloroethane	7.36	117	315819	40.572 ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	572087	39.772 ng	99
20) 3+4-Methylphenols	7.25	107	823256	37.367 ng	# 86
22) Acetophenone	7.25	105	1073848	38.971 ng	# 89
24) Nitrobenzene	7.43	77	855452	37.725 ng	96
25) Isophorone	7.67	82	1611485	37.439 ng	98
26) 2-Nitrophenol	7.75	139	436063	48.840 ng	96
27) 2,4-Dimethylphenol	7.78	122	747859	40.509 ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	1020568	40.097 ng	99
29) 2,4-Dichlorophenol	7.99	162	689729	40.660 ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	725913	38.695 ng	98
31) Naphthalene	8.15	128	2320850	39.108 ng	100
32) Benzoic acid	7.90	122	581152	48.937 ng	96
33) 4-Chloroaniline	8.20	127	457488	16.824 ng	96
34) Hexachlorobutadiene	8.27	225	420132	40.027 ng	98
35) Caprolactam	8.57	113	219713m	39.576 ng	
36) 4-Chloro-3-methylphenol	8.68	107	756104	40.782 ng	99
37) 2-Methylnaphthalene	8.85	142	1595851	40.975 ng	99
38) 1-Methylnaphthalene	8.95	142	1506311	40.861 ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	689625	38.740 ng	99

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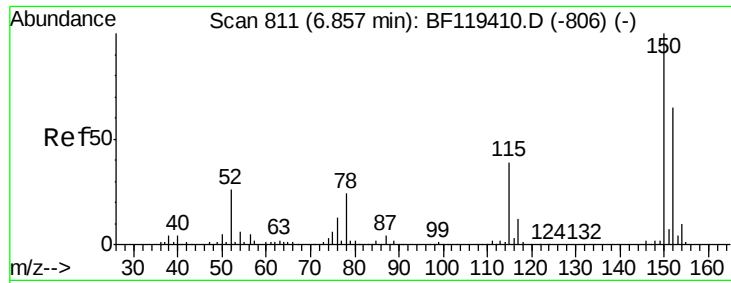
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Quant Time: Mar 25 00:29:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	835032	82.511	nq	100
43) 2,4,6-Trichlorophenol	9.12	196	533688	41.894	nq	97
44) 2,4,5-Trichlorophenol	9.16	196	540683	37.888	nq	97
46) 1,1'-Biphenyl	9.31	154	1920981	38.836	nq	99
47) 2-Chloronaphthalene	9.33	162	1502216	38.771	nq	99
48) 2-Nitroaniline	9.43	65	546786	40.886	nq	99
49) Acenaphthylene	9.75	152	2384689	39.193	nq	100
50) Dimethylphthalate	9.62	163	1772320	41.084	nq	100
51) 2,6-Dinitrotoluene	9.67	165	399805	43.238	nq #	82
52) Acenaphthene	9.93	154	1639448	43.221	nq	99
53) 3-Nitroaniline	9.84	138	264093	22.623	nq	96
54) 2,4-Dinitrophenol	9.95	184	388360	95.514	nq	96
55) Dibenzofuran	10.10	168	2146626	39.472	nq	98
56) 4-Nitrophenol	10.00	139	719324	78.111	nq	88
57) 2,4-Dinitrotoluene	10.07	165	532177	45.688	nq	89
58) Fluorene	10.44	166	1638101	40.732	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	468182	43.890	nq	98
60) Diethylphthalate	10.32	149	1853687	42.338	nq	100
61) 4-Chlorophenyl-phenylether	10.43	204	801710	40.765	nq	97
62) 4-Nitroaniline	10.46	138	426778	38.125	nq	97
63) Azobenzene	10.59	77	1759659	39.910	nq	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	263899	52.571	nq	87
66) n-Nitrosodiphenylamine	10.55	169	1526453	38.842	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	531834	39.009	nq	99
68) Hexachlorobenzene	10.99	284	555943	39.842	nq	98
69) Atrazine	11.08	200	482141	44.751	nq	99
70) Pentachlorophenol	11.18	266	642631	78.544	nq	99
71) Phenanthrene	11.40	178	2382540	38.383	nq	99
72) Anthracene	11.46	178	2454864	38.912	nq	98
73) Carbazole	11.61	167	2317243	37.109	nq	99
74) Di-n-butylphthalate	11.95	149	2940042	44.013	nq	99
75) Fluoranthene	12.59	202	2617227	38.959	nq	99
77) Benzidine	12.71	184	1390015	37.826	nq	98
78) Pyrene	12.82	202	2672472	37.502	nq	99
80) Butylbenzylphthalate	13.44	149	1315278	45.634	nq	97
81) Benzo(a)anthracene	14.02	228	2102134	37.229	nq	100
82) 3,3'-Dichlorobenzidine	13.97	252	592301	26.604	nq	98
83) Chrysene	14.05	228	2206396	37.862	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1756381	51.119	nq	99
85) Di-n-octyl phthalate	14.62	149	3096871	51.250	nq	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	1932803	35.217	nq	98
88) Benzo(b)fluoranthene	15.06	252	2109305	41.680	nq	99
89) Benzo(k)fluoranthene	15.09	252	1958048	40.634	nq	99
90) Benzo(a)pyrene	15.43	252	1781165	38.729	nq	99
91) Dibenzo(a,h)anthracene	16.97	278	1618097	40.225	nq	99
92) Benzo(g,h,i)perylene	17.40	276	1605645	39.731	nq	97

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



#1

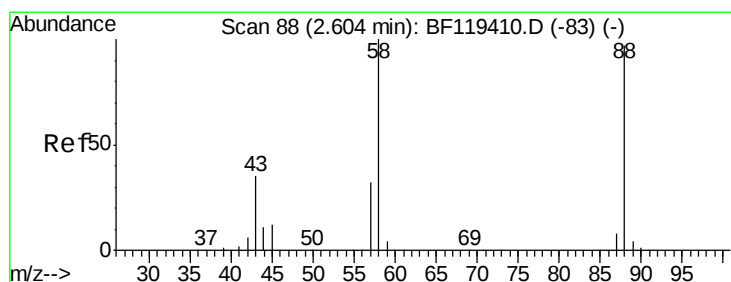
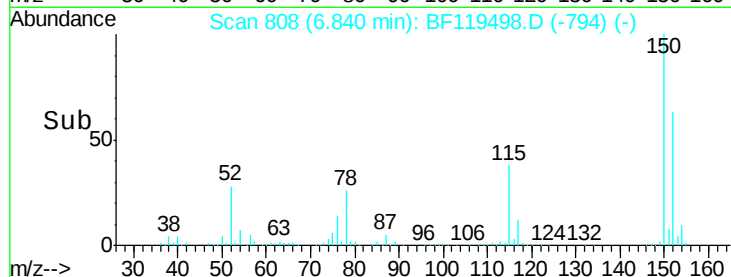
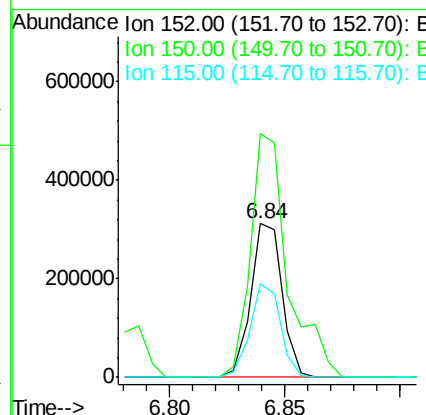
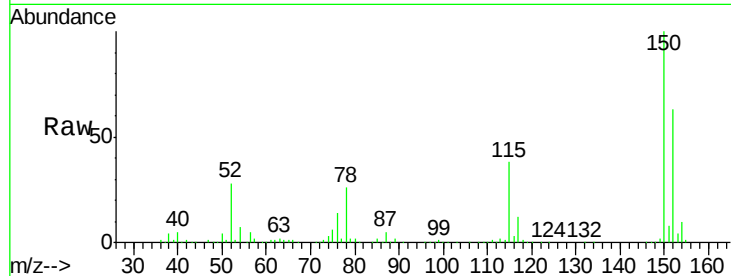
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.9	185.9
115	60.9	47.8	71.6

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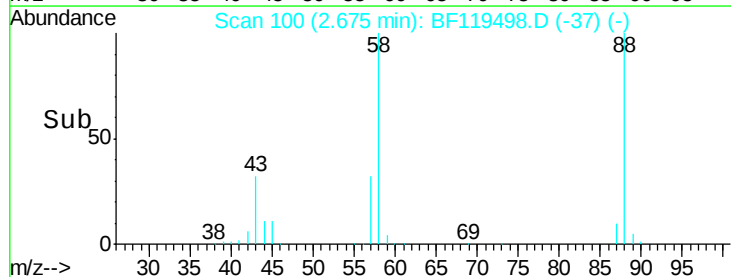
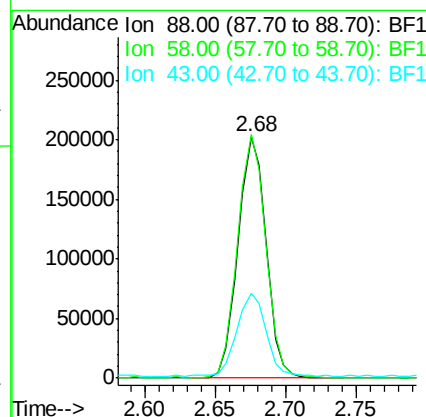
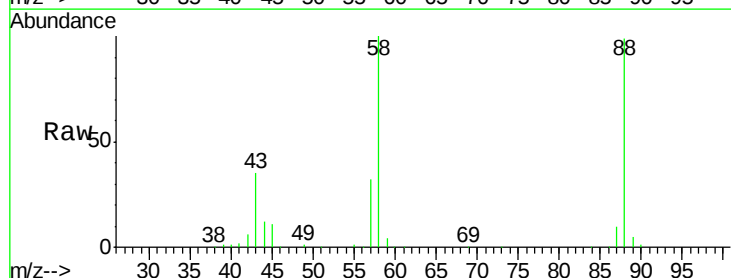
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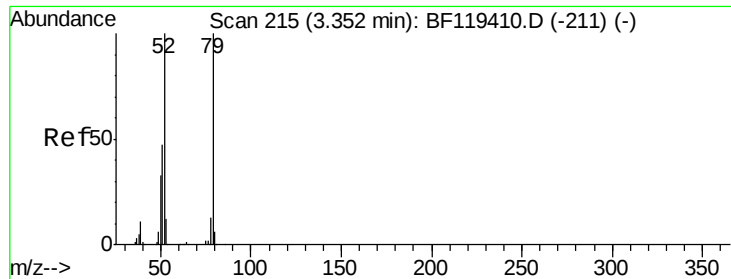


#2

1,4-Dioxane
Concen: 30.465 ng
RT: 2.68 min Scan# 100
Delta R.T. 0.07 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.7	79.4	119.2
43	35.5	28.4	42.6





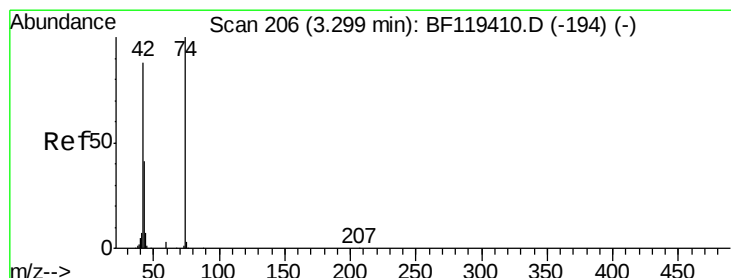
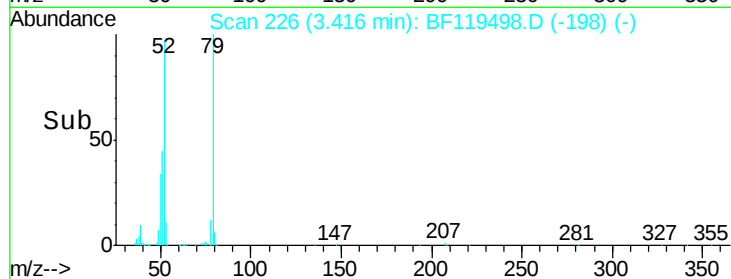
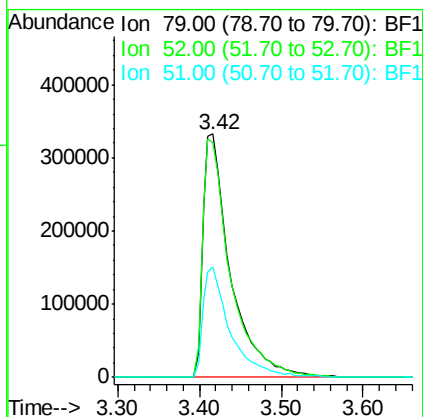
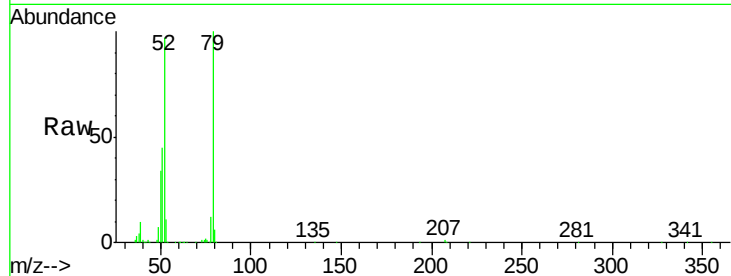
#3
 Pvridine
 Concen: 30.709 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.06 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	96.5	80.0	120.0
51	51	45.3	37.9	56.9

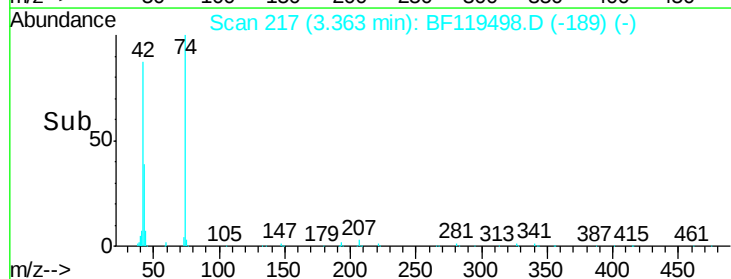
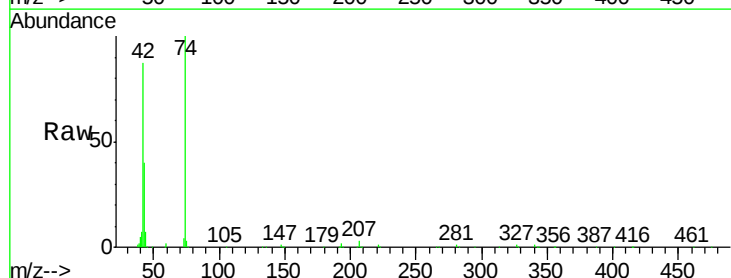
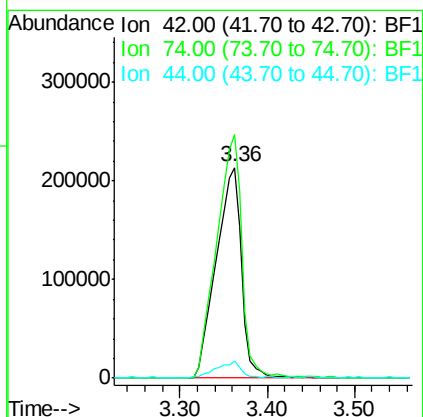
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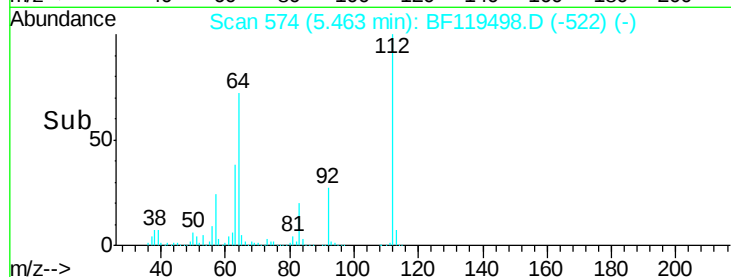
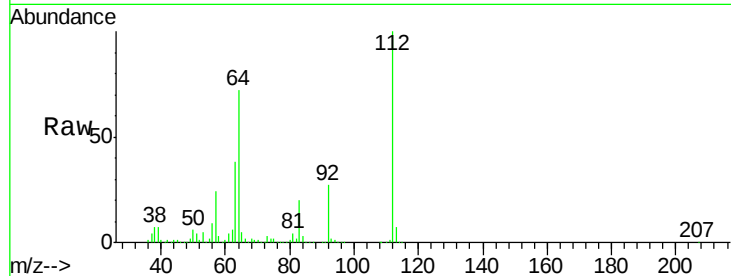
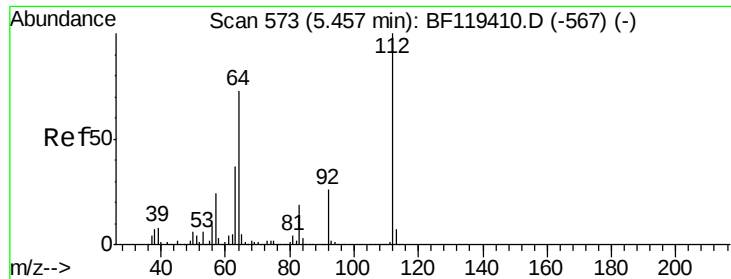
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#4
 n-Nitrosodimethylamine
 Concen: 34.664 ng
 RT: 3.36 min Scan# 217
 Delta R.T. 0.06 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	115.4	91.3	136.9
44	44	8.0	7.1	10.7





#5

2-Fluorophenol

Concen: 107.801 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Tot Ion: 112 Resp: 2013868

Ion Ratio Lower Upper

112 100

64 71.8 58.1 87.1

63 37.8 29.7 44.5

Instrument :

BNA_F

ClientSampleId :

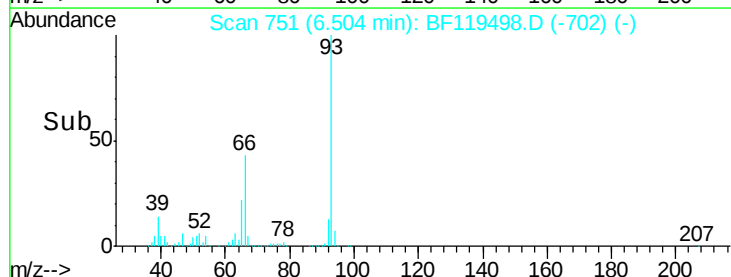
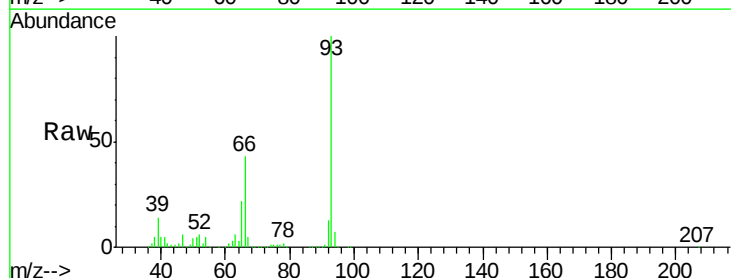
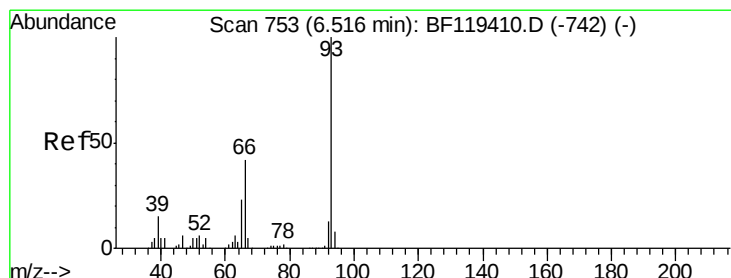
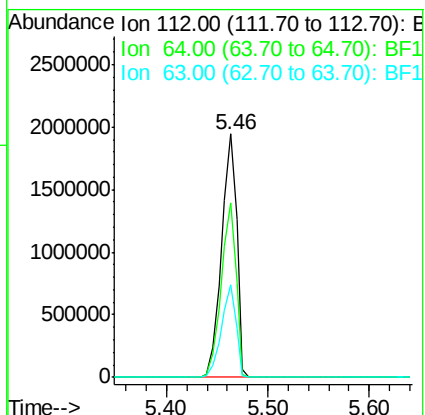
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Manual Integrations

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#6

Aniline

Concen: 27.959 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

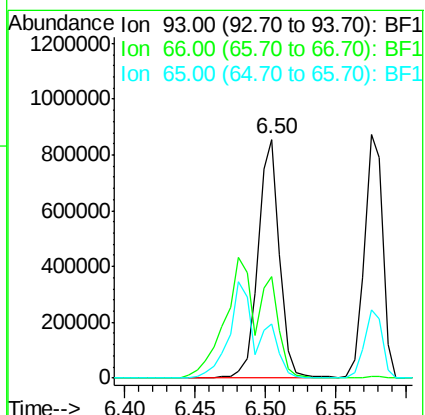
Tgt Ion: 93 Resp: 920868

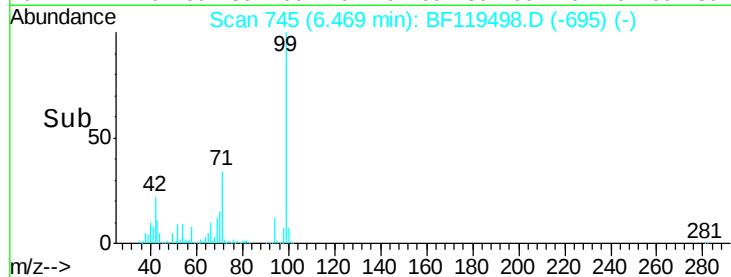
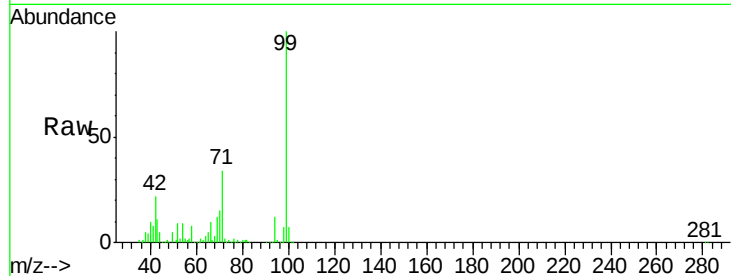
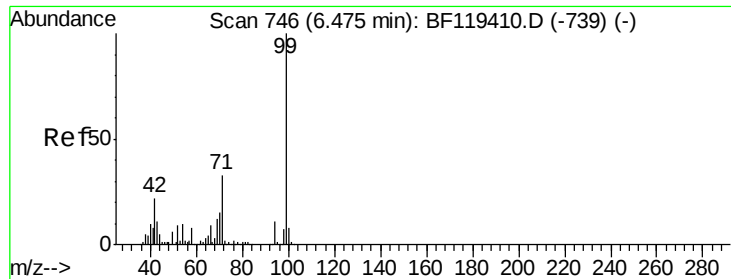
Ion Ratio Lower Upper

93 100

66 42.7 34.2 51.4

65 22.5 18.2 27.4





#7

Phenol-d6

Concen: 107.634 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Tot Ion: 99 Resp: 2568581

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.8	26.6
71	34.2	26.0	39.0

Instrument :

BNA_F

ClientSampleId :

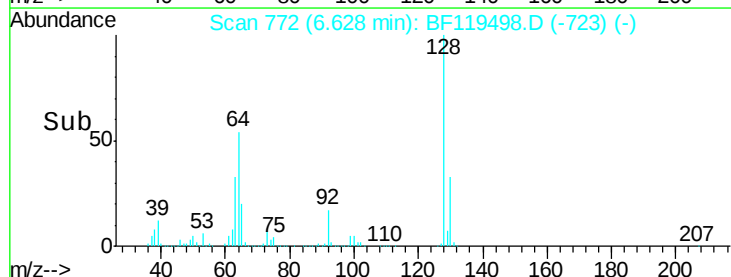
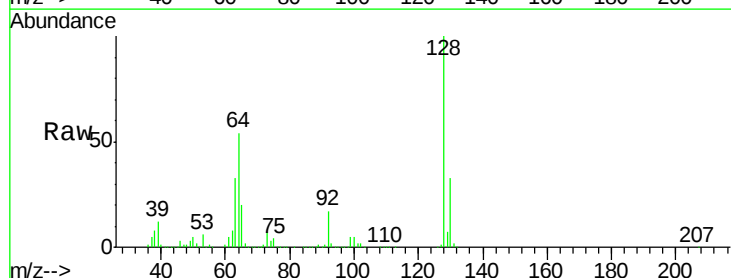
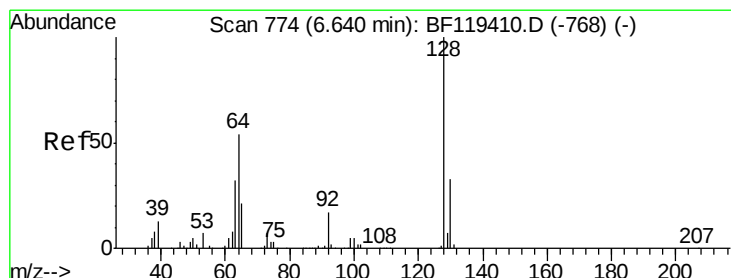
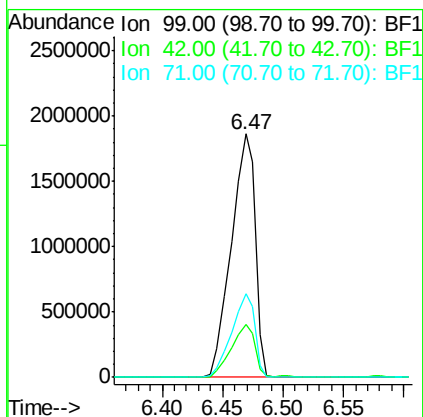
PB127762BS

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#8

2-Chlorophenol

Concen: 42.374 ng

RT: 6.63 min Scan# 772

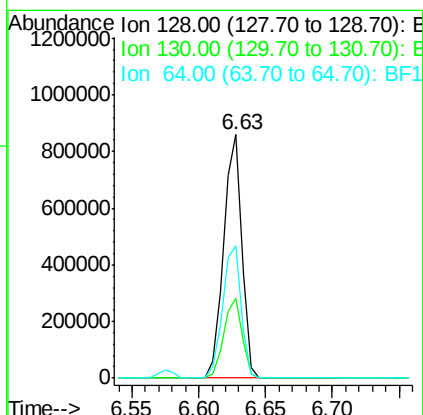
Delta R.T. -0.01 min

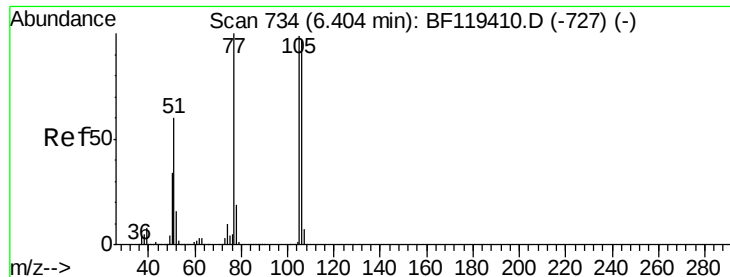
Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Tgt Ion: 128 Resp: 831401

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.0	53.0
64	54.2	35.1	75.1





#9

Benzaldehyde

Concen: 35.572 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

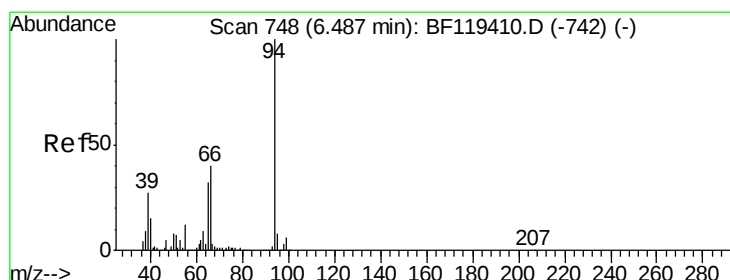
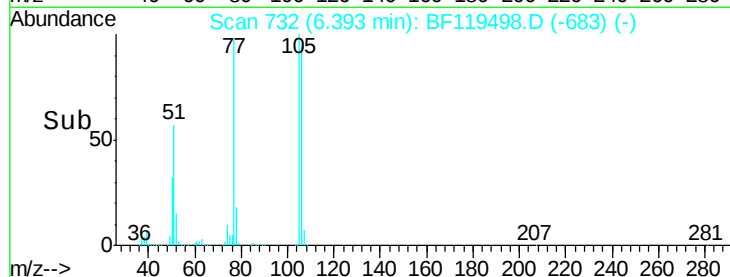
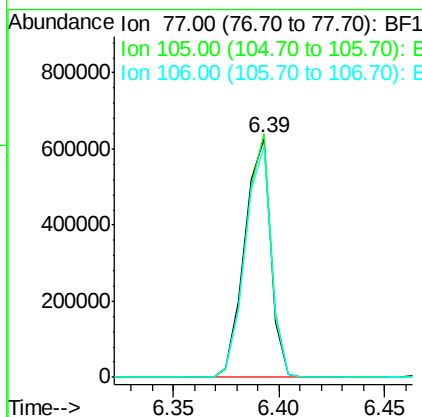
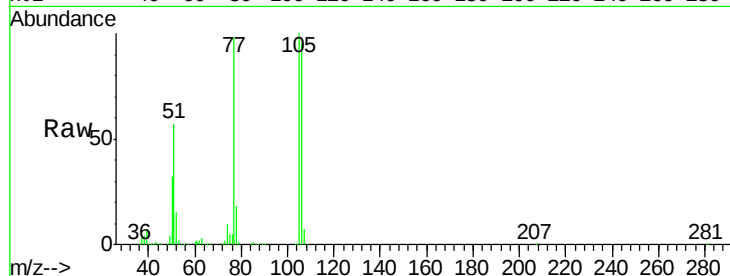
ClientSampleId :

PB127762BS

Tot Ion:	77	Resp:	538512
Ion	Ratio	Lower	Upper
77	100		
105	101.8	78.6	118.6
106	96.5	76.5	116.5

Manual Integrations
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#10

Phenol

Concen: 40.225 ng m

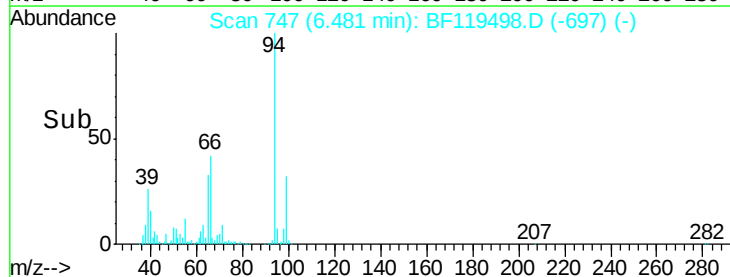
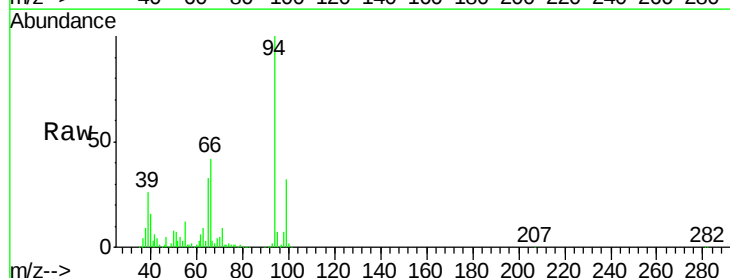
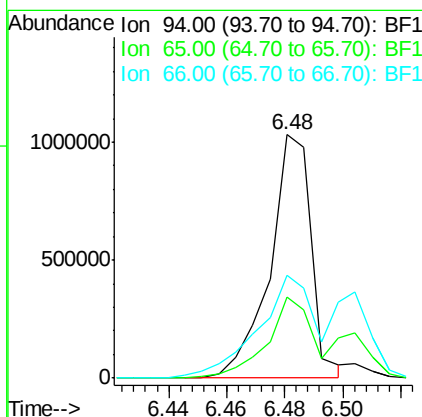
RT: 6.48 min Scan# 747

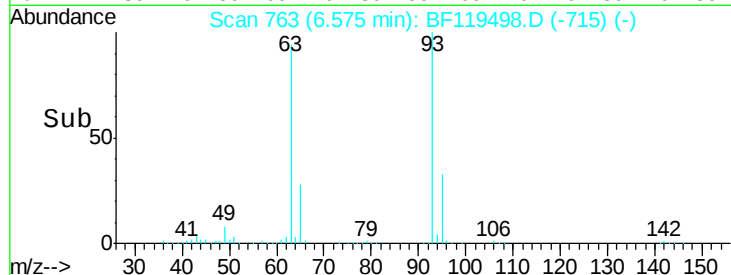
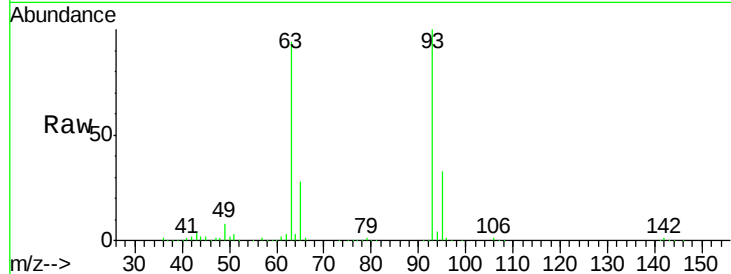
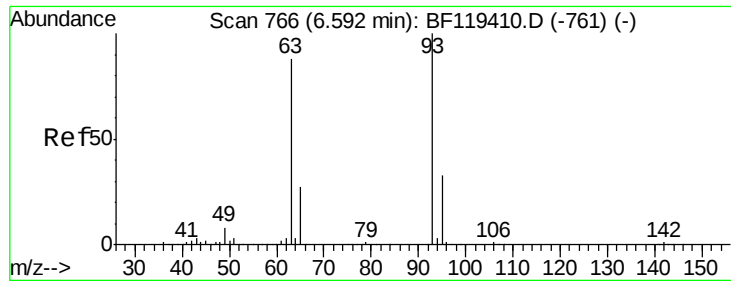
Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Tgt Ion:	94	Resp:	1024255
Ion	Ratio	Lower	Upper
94	100		
65	33.4	12.0	52.0
66	42.0	20.6	60.6





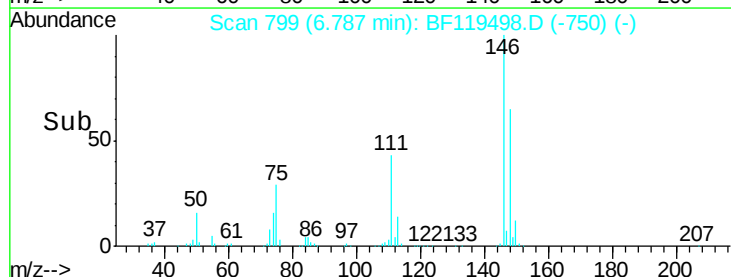
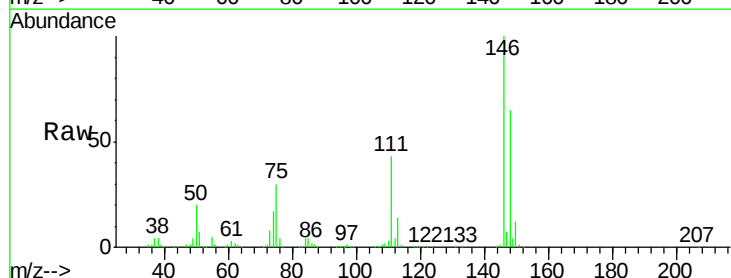
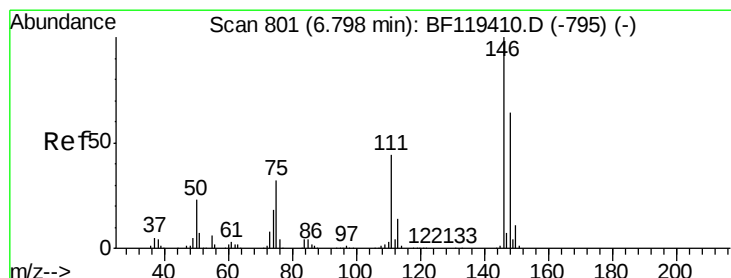
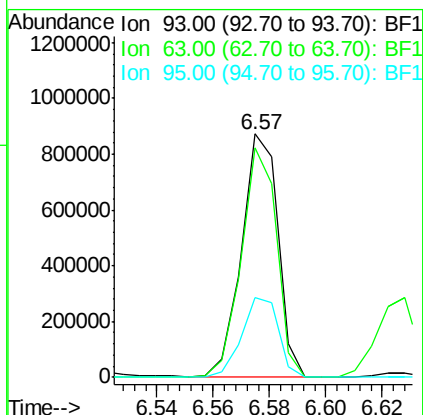
#11
bis(2-Chloroethyl)ether
Concen: 38.326 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.02 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		780534		
63	94.4	68.4	108.4		
95	32.9	13.4	53.4		

Instrument :
BNA_F
ClientSampleId :
PB127762BS

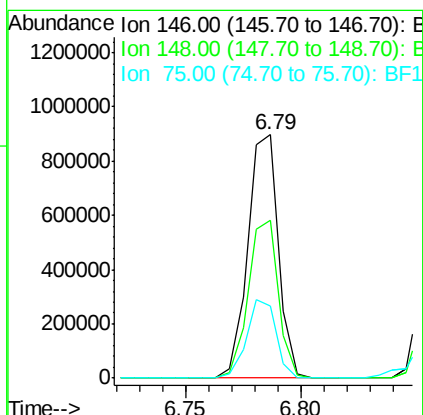
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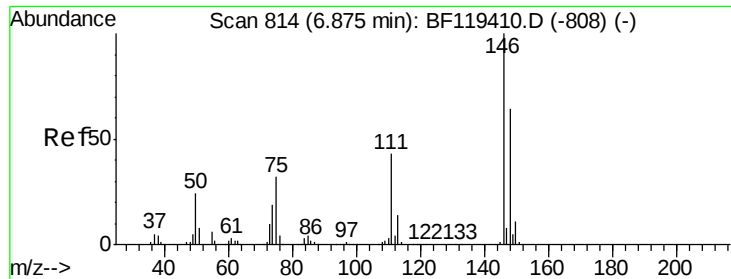
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#12
1,3-Dichlorobenzene
Concen: 39.155 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		831481		
148	65.1	51.4	77.0		
75	29.8	25.8	38.8		





#13

1,4-Dichlorobenzene

Concen: 39.456 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

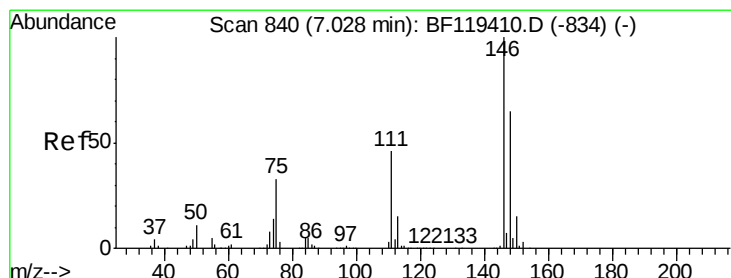
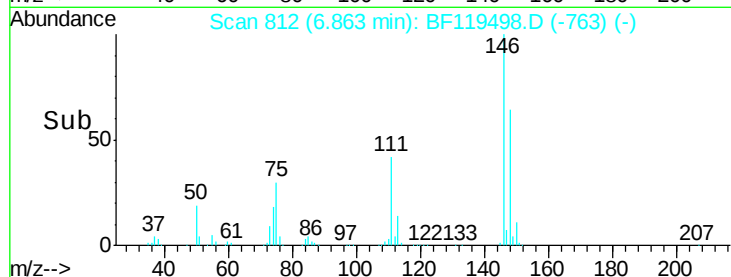
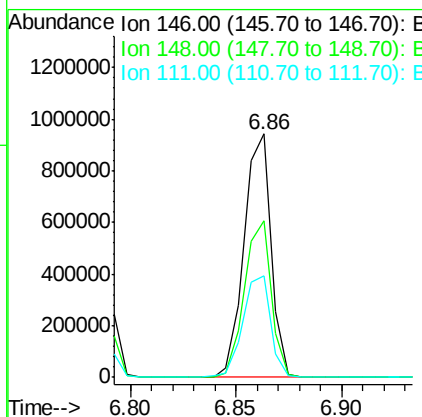
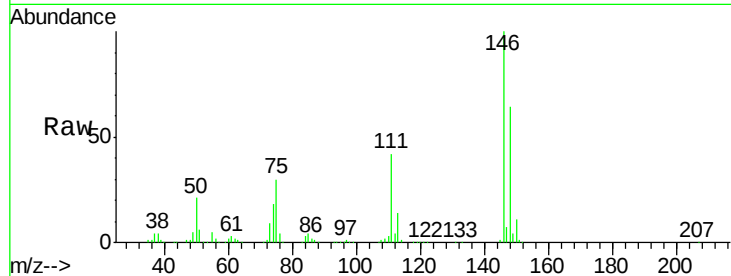
ClientSampleId :

PB127762BS

Tot Ion:	146	Resp:	838080
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.9	76.3
111	41.8	34.6	52.0

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#14

1,2-Dichlorobenzene

Concen: 39.547 ng

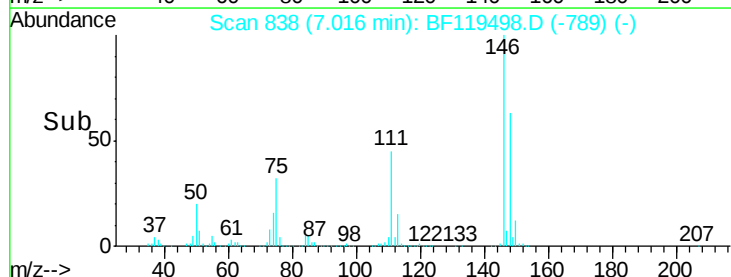
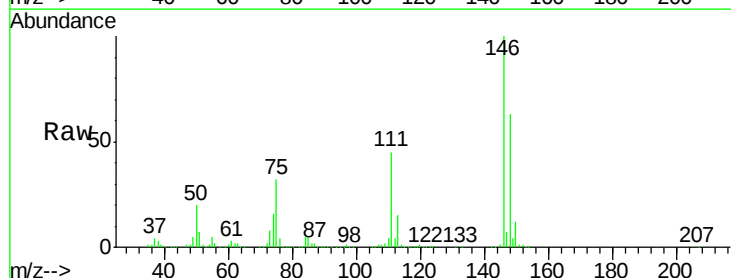
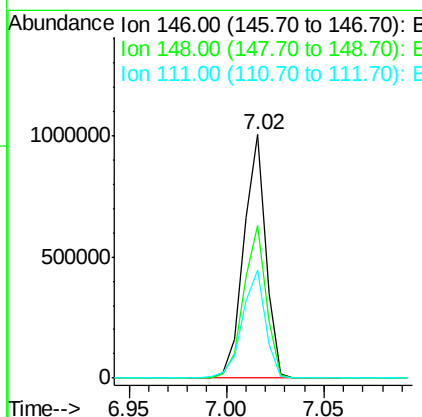
RT: 7.02 min Scan# 838

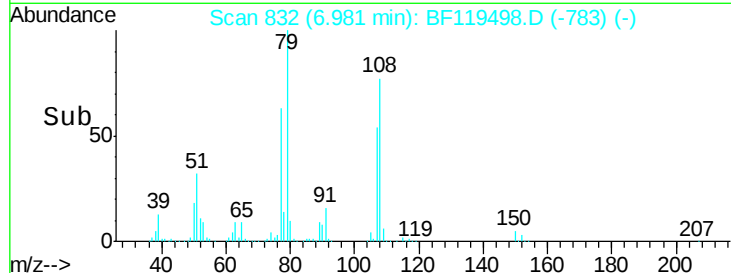
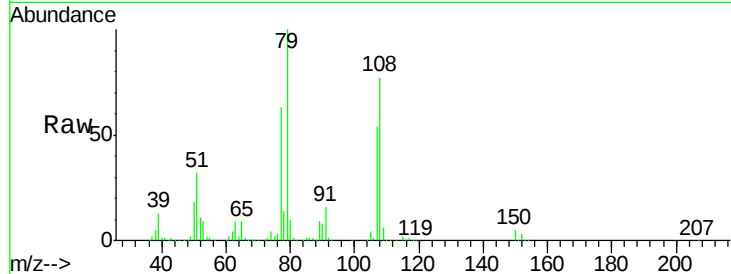
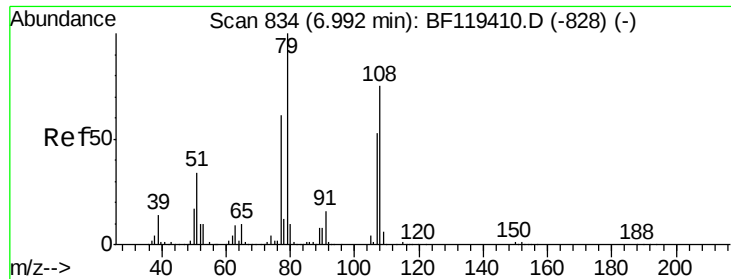
Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Tgt Ion:	146	Resp:	785153
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.7	77.5
111	44.6	36.4	54.6





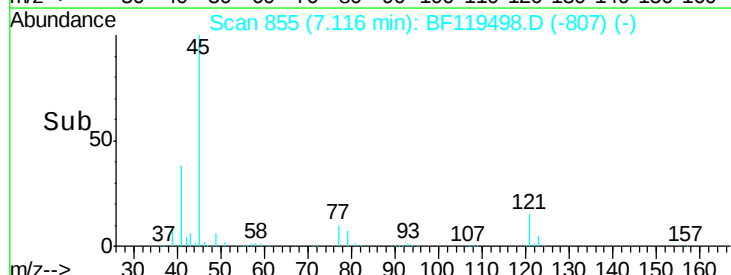
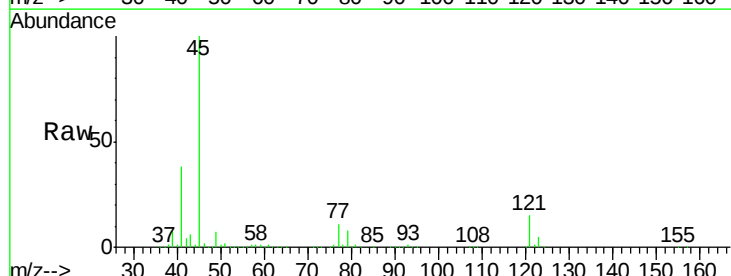
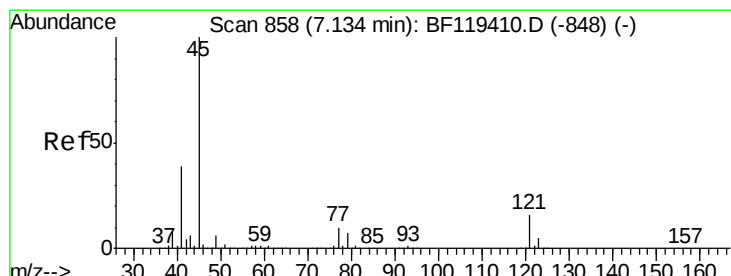
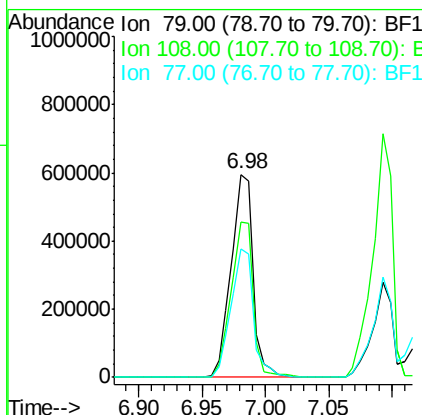
#15
Benzyl Alcohol
Concen: 39.662 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.7	60.4	90.6
77	63.3	49.0	73.4

Instrument :
BNA_F
ClientSampleID :
PB127762BS

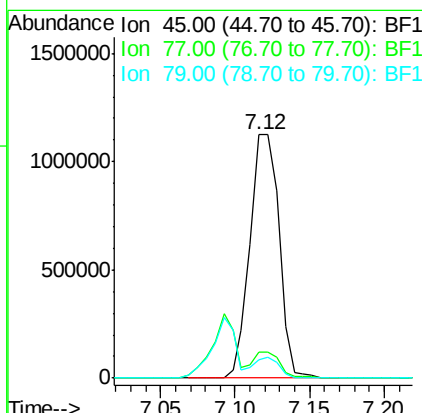
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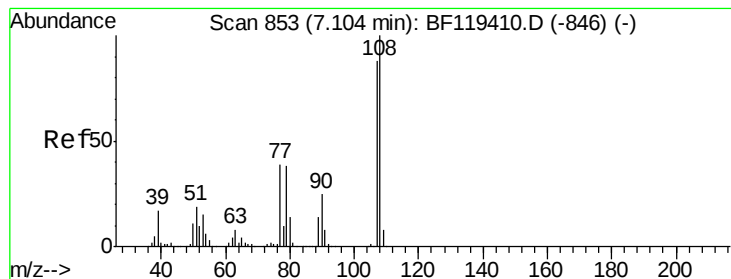
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.934 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.5	0.0	30.1
79	7.6	0.0	27.4





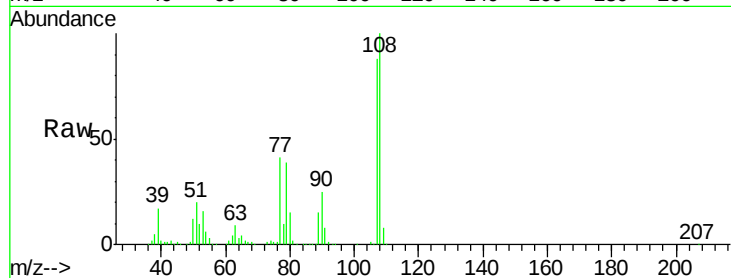
#17
2-Methylphenol
Concen: 37.678 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
PB127762BS

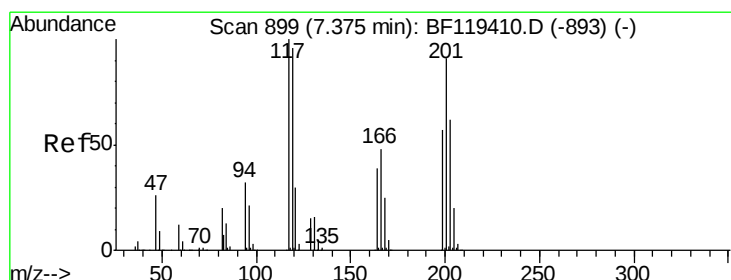
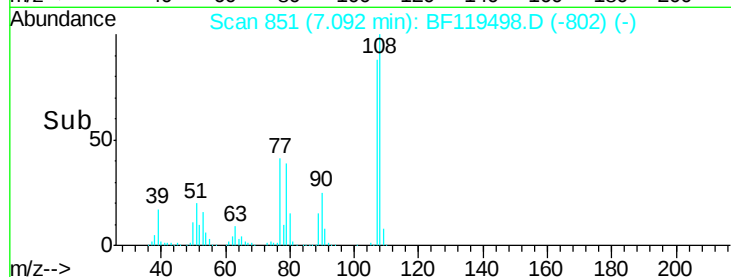
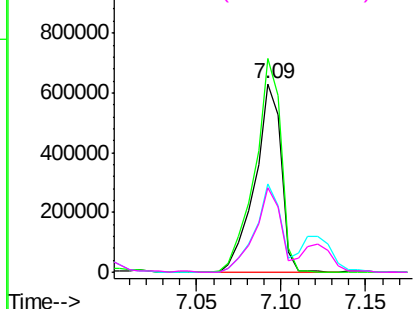
Tot Ion:	107	Resp:	677343
Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.7	136.1
77	46.7	35.6	53.4
79	44.5	34.7	52.1

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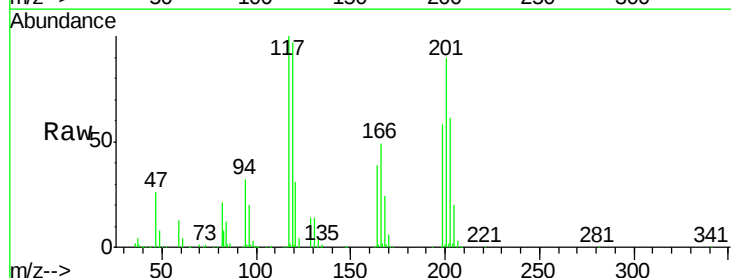


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

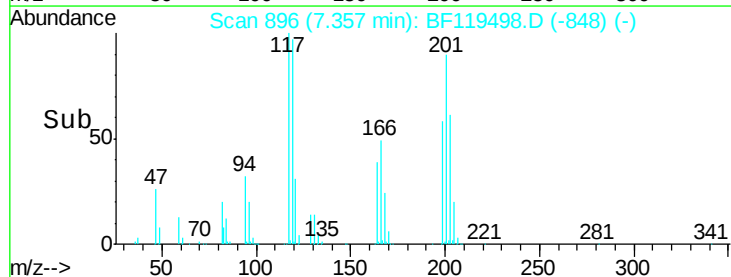
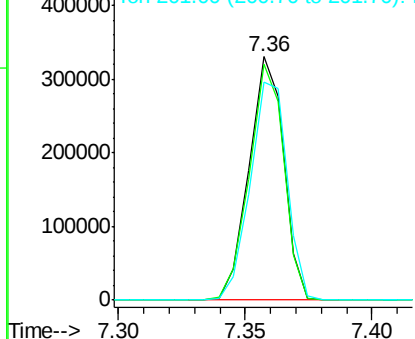


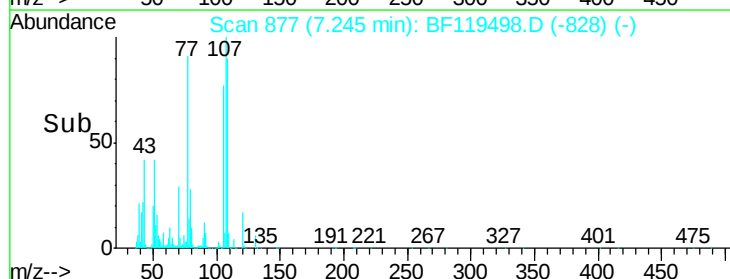
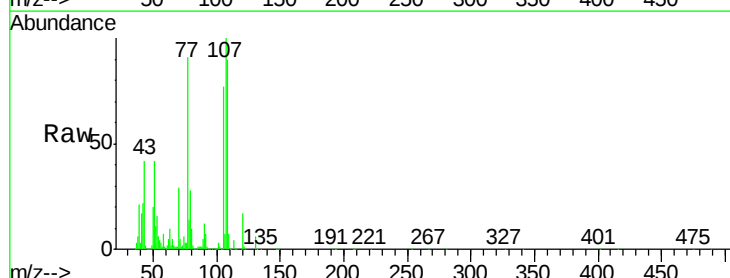
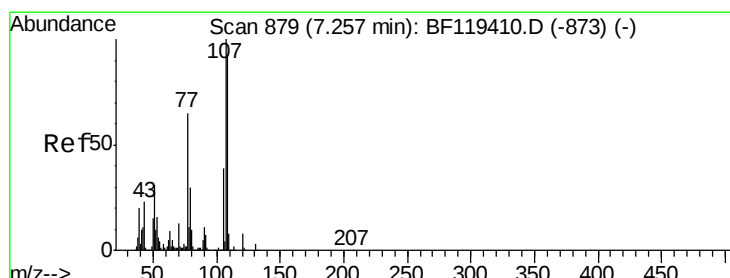
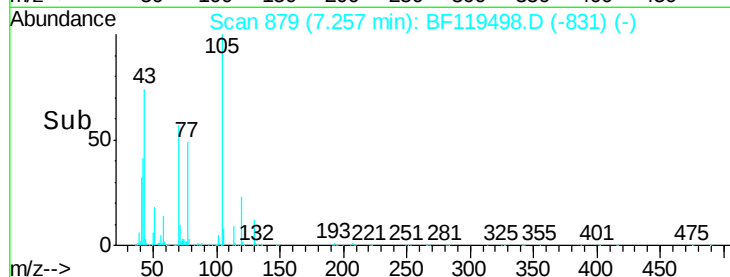
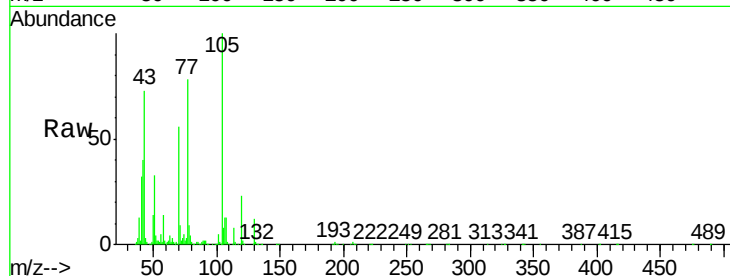
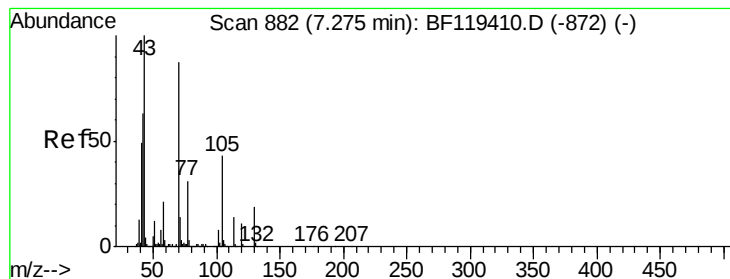
#18
Hexachloroethane
Concen: 40.572 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion:	117	Resp:	315819
Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.8	115.2
201	89.6	72.5	108.7



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





#19

n-Nitroso-di-n-propylamine

Concen: 39.772 ng

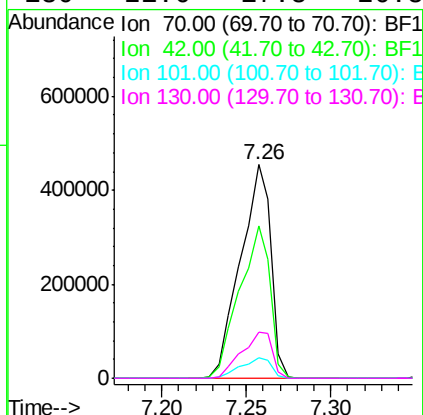
RT: 7.26 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.5	58.2	87.4
101	9.5	7.4	11.2
130	21.6	17.8	26.8



Instrument :

BNA_F

ClientSampleId :

PB127762BS

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#20

3+4-Methylphenols

Concen: 37.367 ng

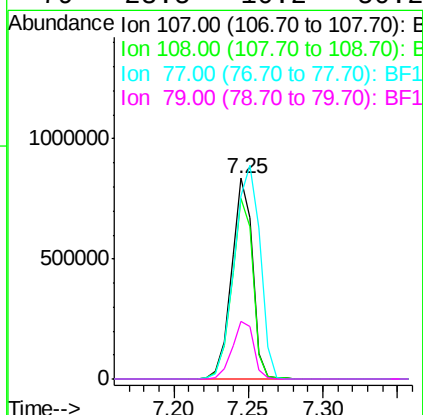
RT: 7.25 min Scan# 877

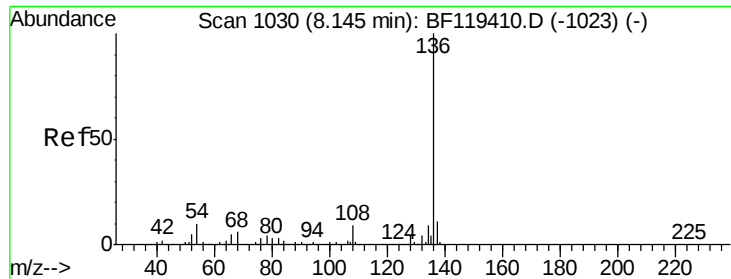
Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	72.6	112.6
77	91.5	44.7	84.7
79	28.5	10.2	50.2





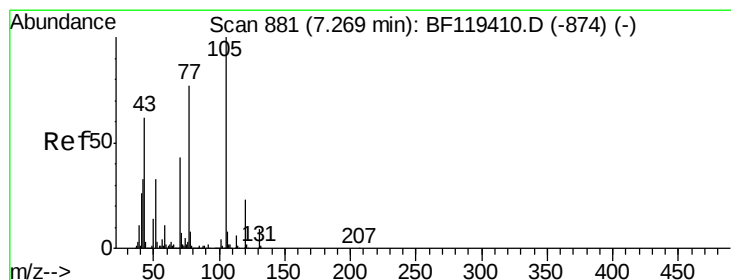
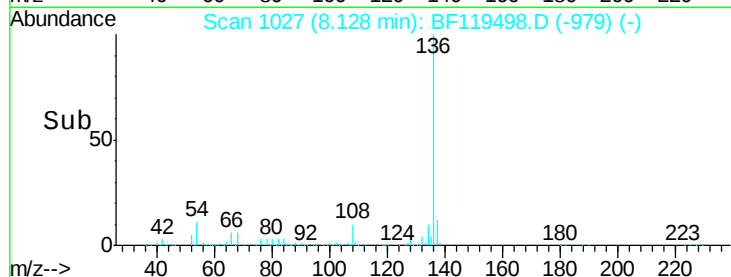
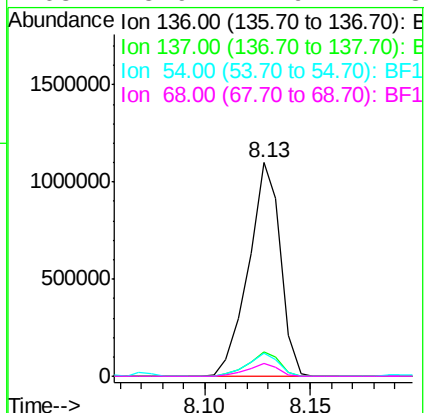
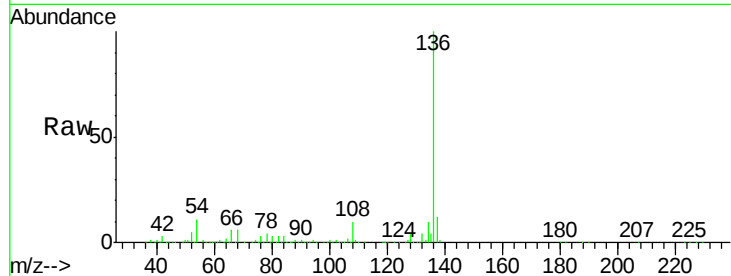
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1153181		
137	11.5		8.4	12.6	
54	10.9		8.3	12.5	
68	5.9		4.9	7.3	

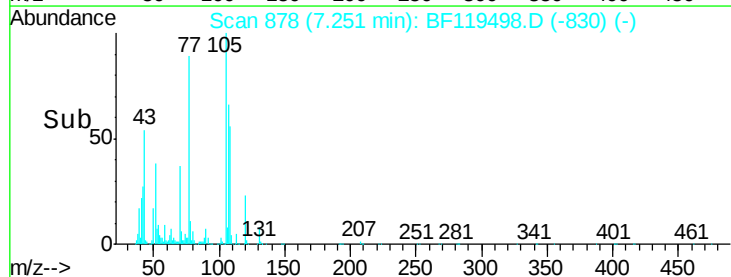
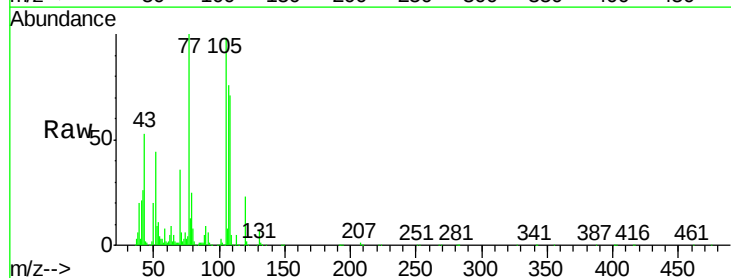
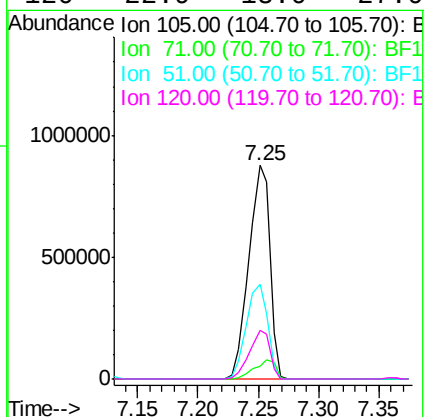
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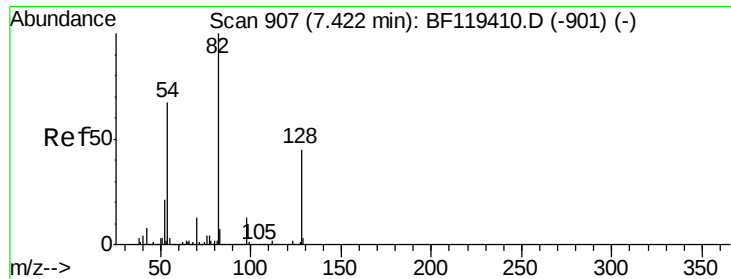
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#22
Acetophenone
Concen: 38.971 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1073848		
71	6.1		5.8	8.6	
51	44.4		26.8	40.2	
120	22.9		18.0	27.0	





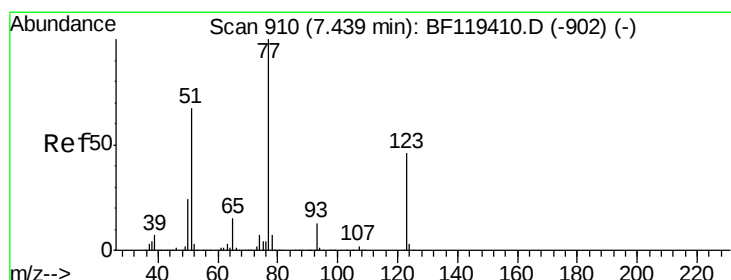
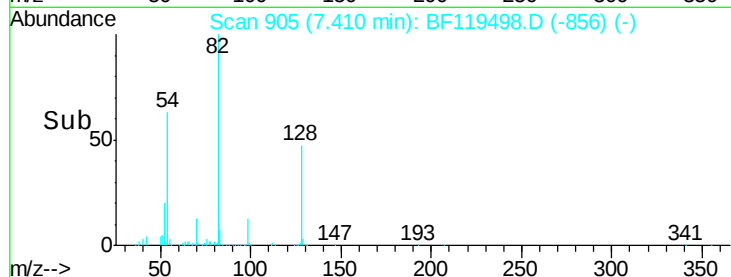
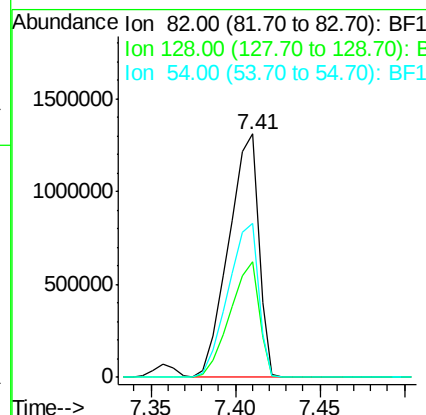
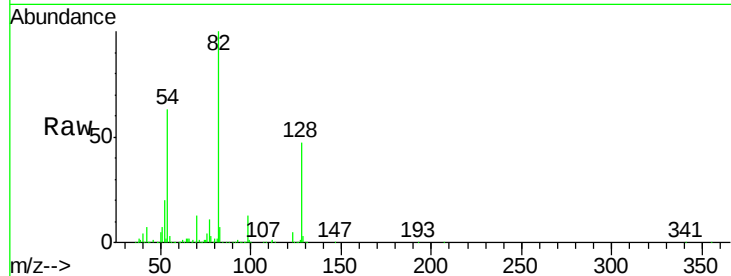
#23
 Nitrobenzene-d5
 Concen: 76.663 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Tot Ion	82	Resp	1626682
Ion Ratio	Lower	Upper	
82	100		
128	47.4	35.8	53.8
54	63.5	53.4	80.0

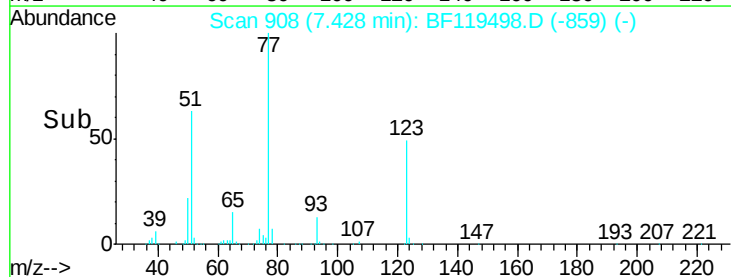
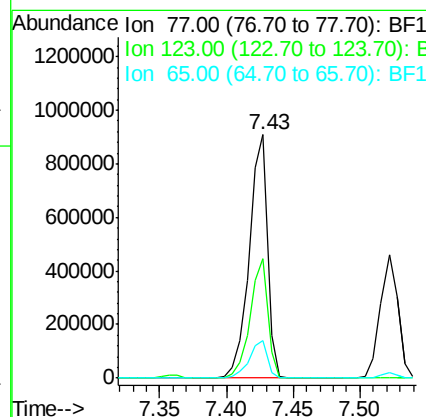
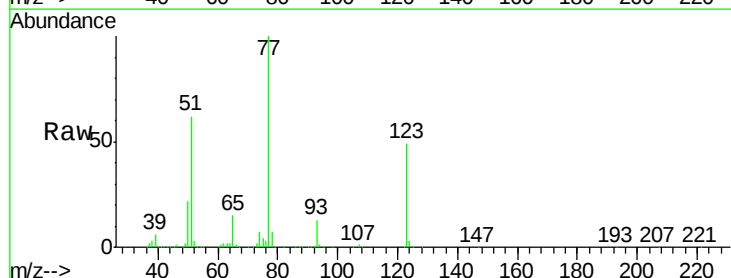
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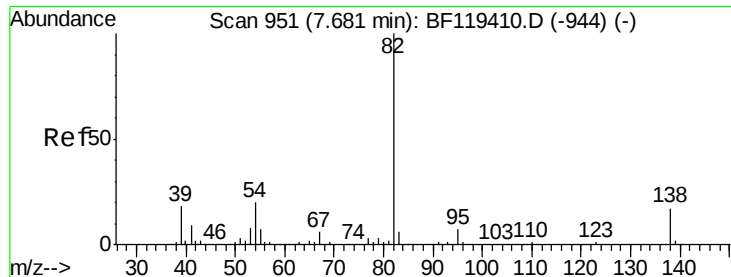
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#24
 Nitrobenzene
 Concen: 37.725 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

Tgt Ion	77	Resp	855452
Ion Ratio	Lower	Upper	
77	100		
123	49.3	36.9	55.3
65	15.4	12.2	18.4





#25

Isophorone

Concen: 37.439 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

PB127762BS

Tot Ion: 82 Resp: 1611485

Ion Ratio Lower Upper

82 100

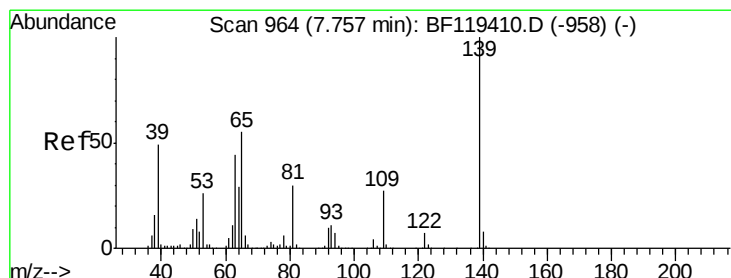
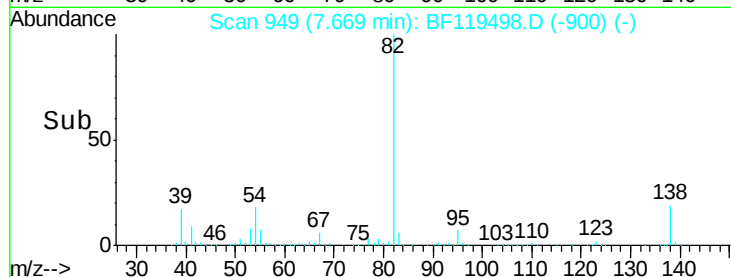
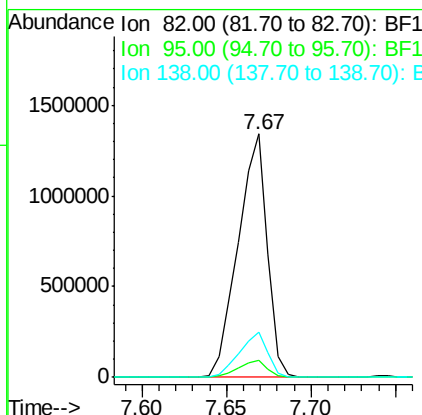
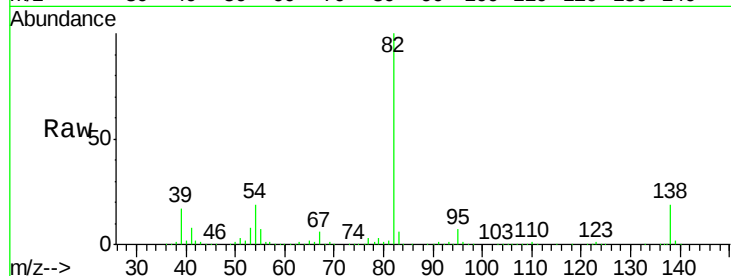
95 6.8 5.4 8.2

138 18.6 13.8 20.8

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#26

2-Nitrophenol

Concen: 48.840 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

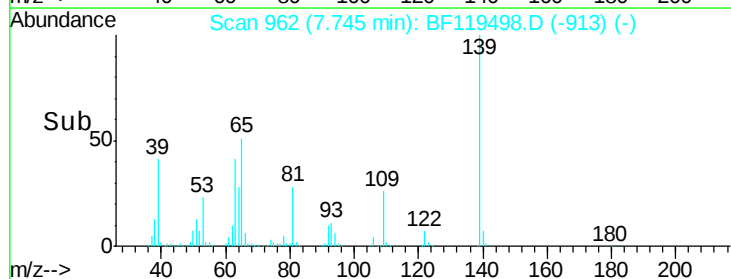
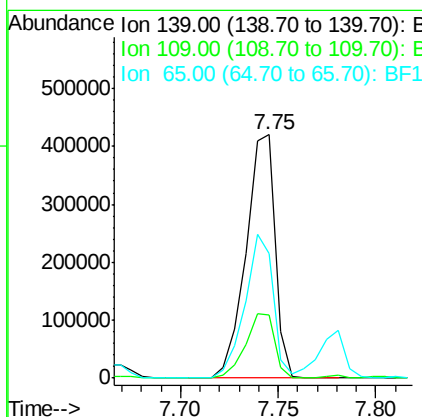
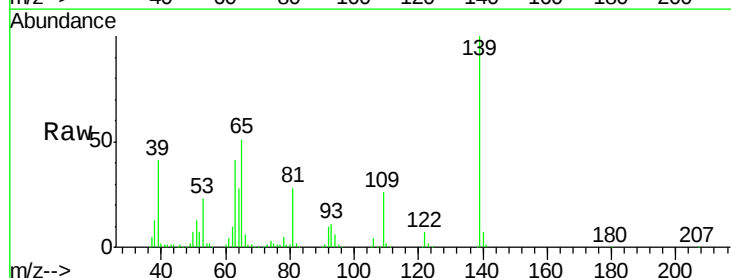
Tgt Ion: 139 Resp: 436063

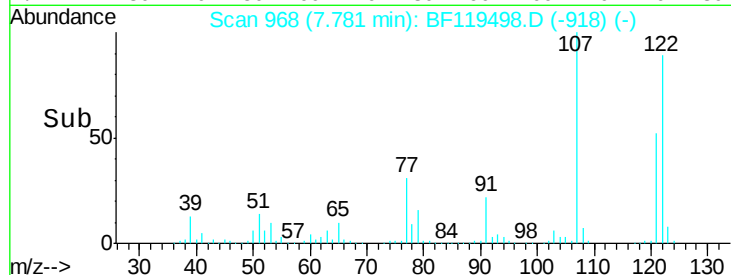
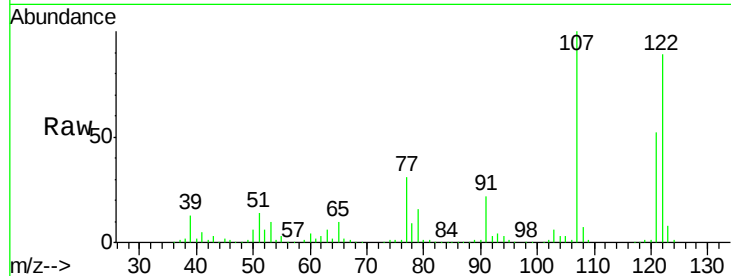
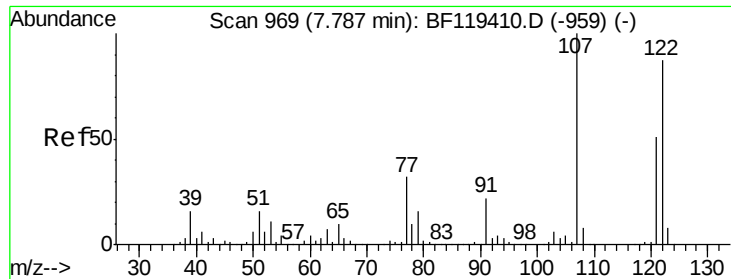
Ion Ratio Lower Upper

139 100

109 25.9 21.7 32.5

65 51.0 43.9 65.9





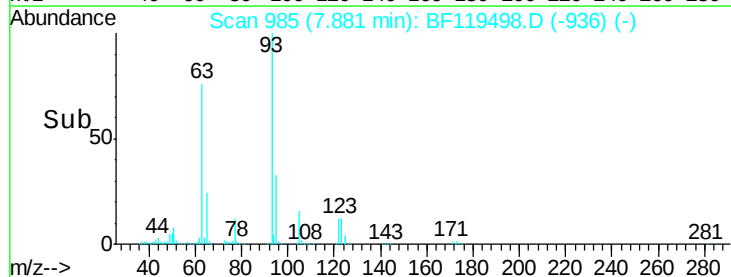
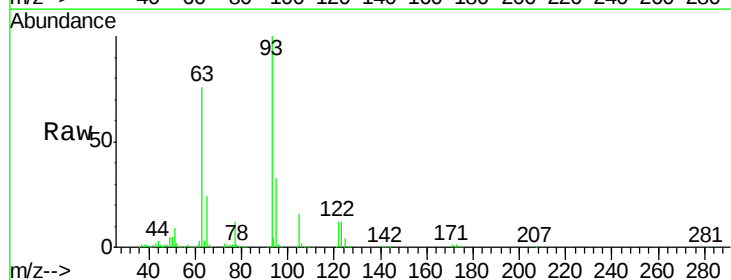
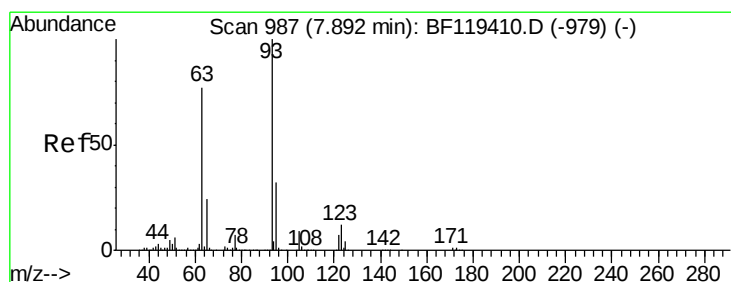
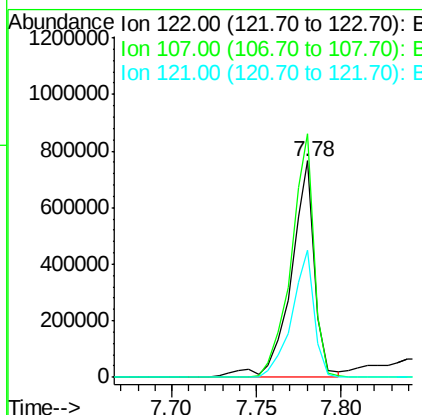
#27
2,4-Dimethylphenol
Concen: 40.509 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.5	91.8	137.6
121	58.6	46.5	69.7

Instrument :
BNA_F
ClientSampleID :
PB127762BS

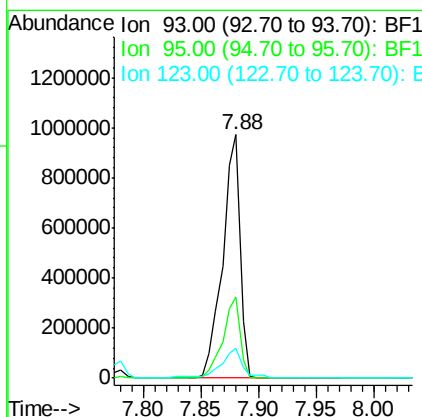
Manual Integrations
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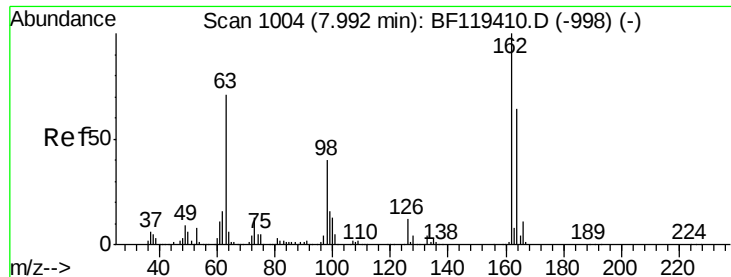
mohammad
3/25/2020 12:29:49 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.097 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.0	39.0
123	12.2	9.7	14.5





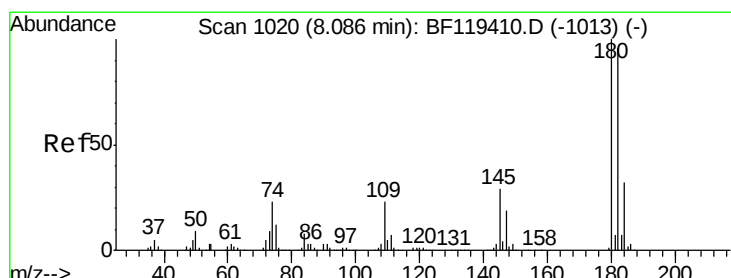
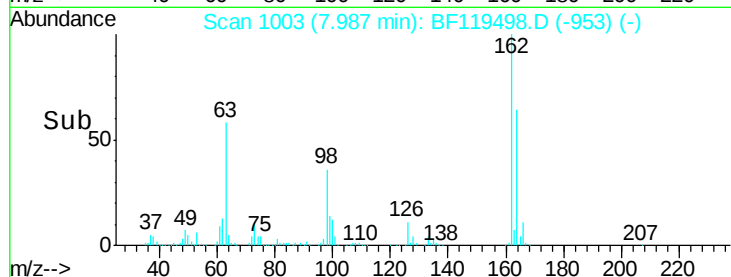
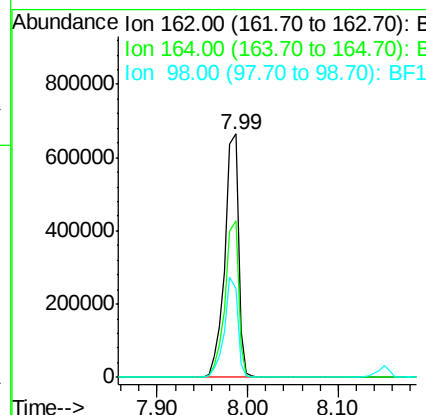
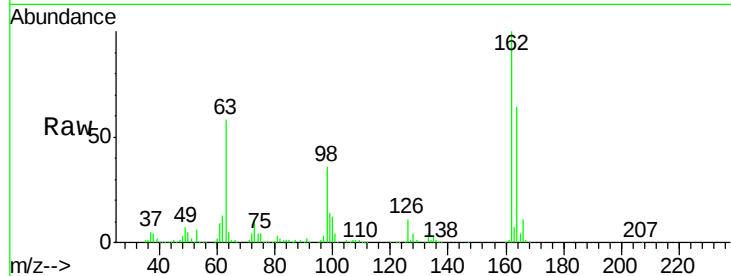
#29
2,4-Dichlorophenol
Concen: 40.660 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	689729		
164	64.2	43.6	83.6	
98	36.3	20.4	60.4	

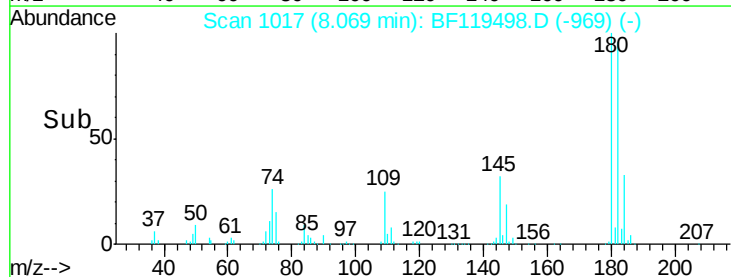
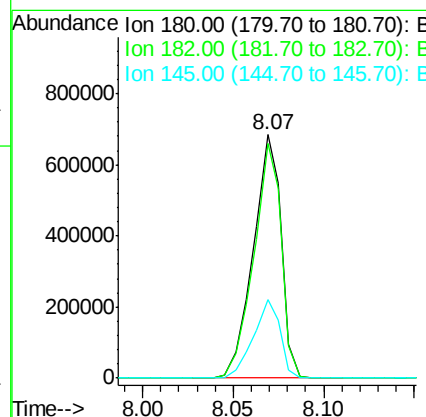
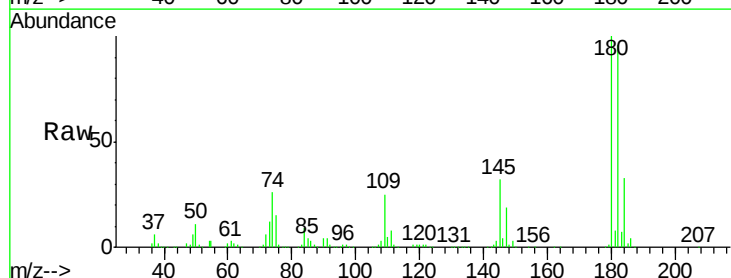
Manual Integrations
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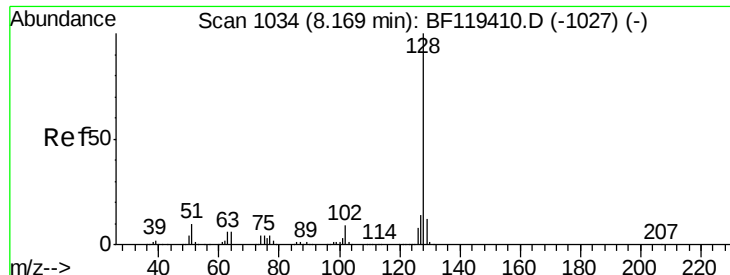
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 38.695 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	725913		
182	96.2	76.6	115.0	
145	32.3	23.2	34.8	





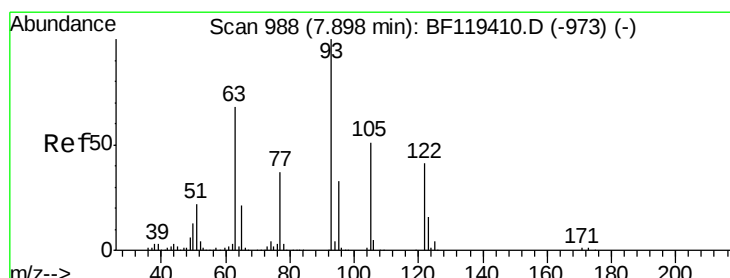
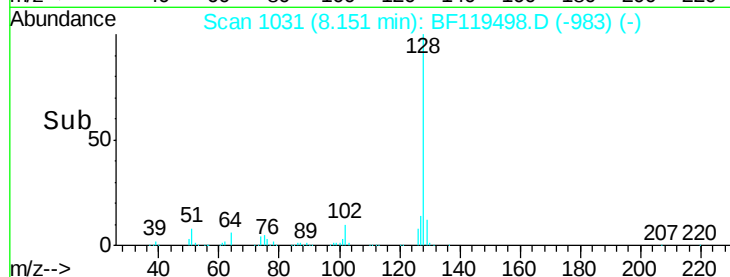
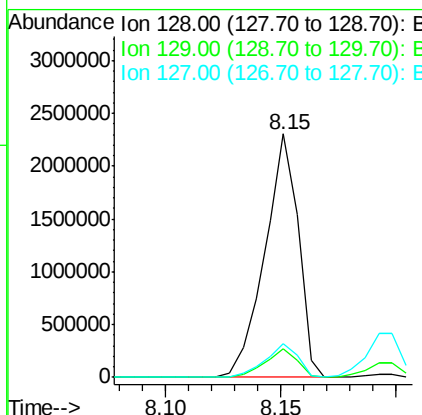
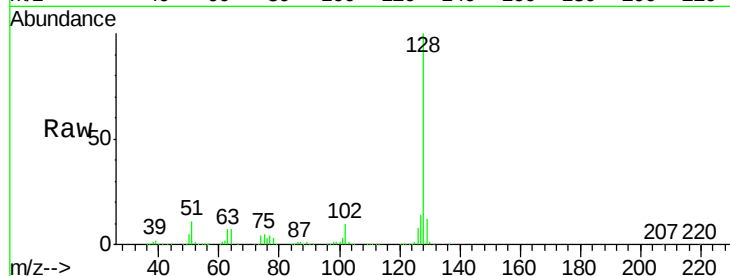
#31
Naphthalene
Concen: 39.108 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.3	13.9
127	13.8	11.0	16.4

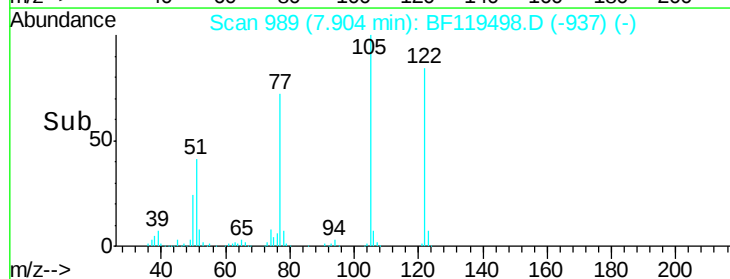
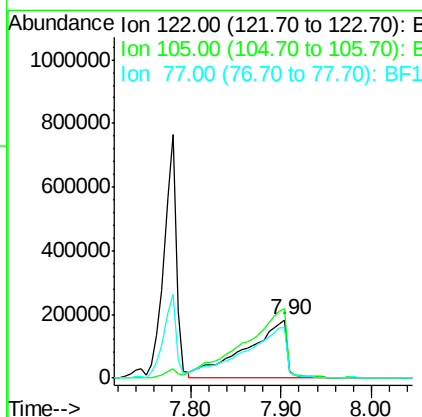
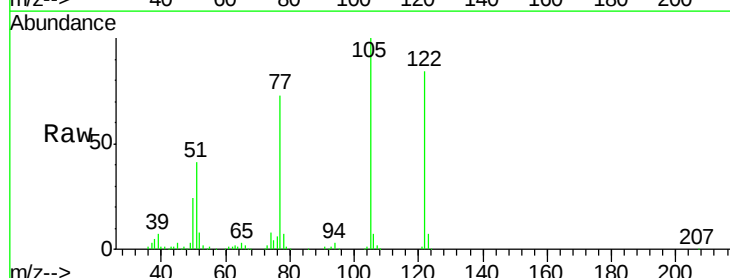
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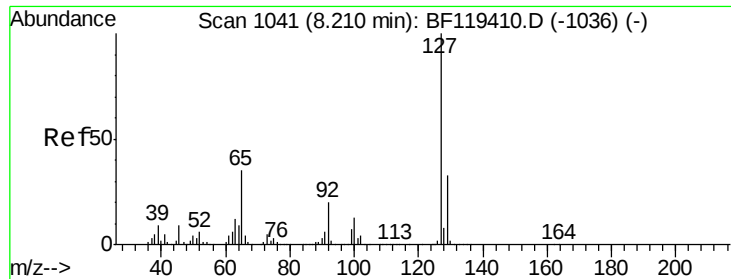
mohammad
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#32
Benzoic acid
Concen: 48.937 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.4	102.9	142.9
77	85.9	70.1	110.1





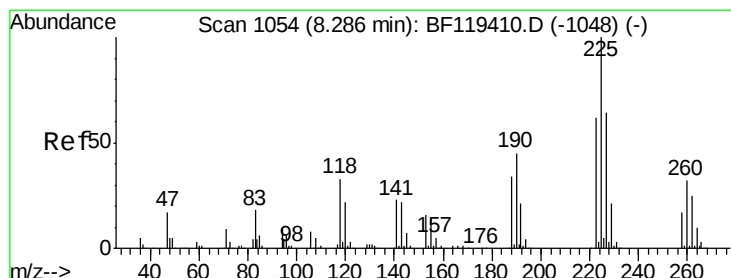
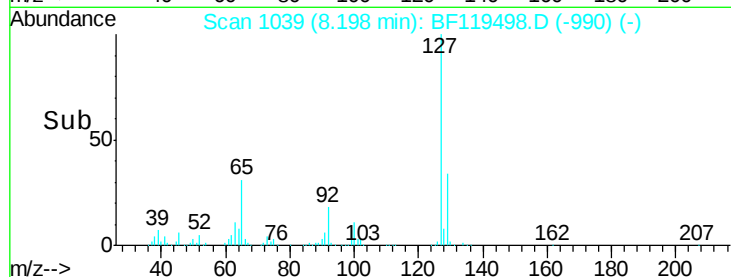
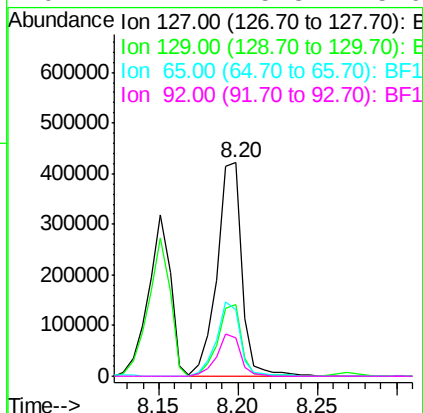
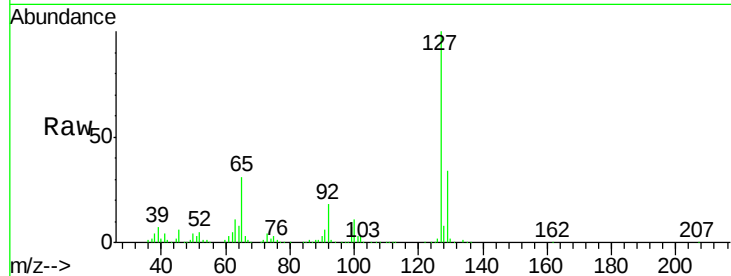
#33
4-Chloroaniline
Concen: 16.824 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		457488		
129	33.7	26.2	39.4		
65	31.0	27.7	41.5		
92	17.7	15.8	23.6		

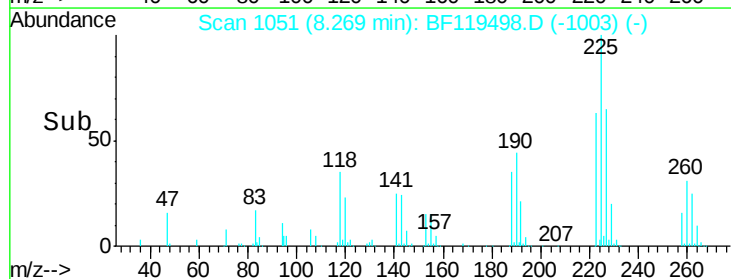
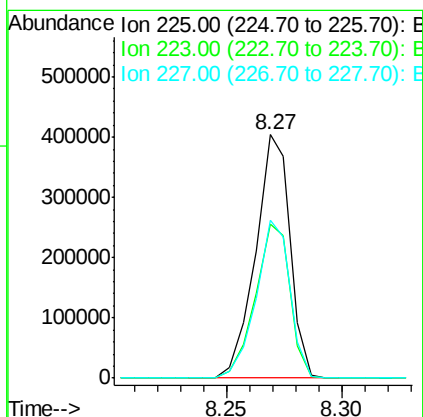
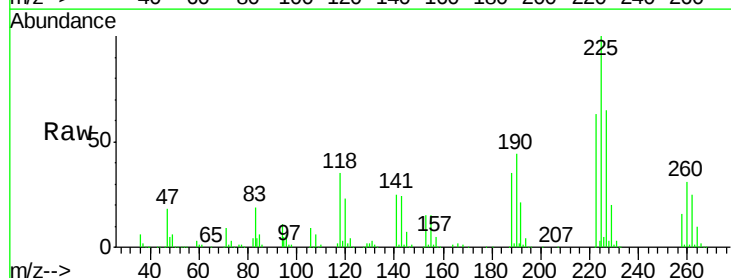
Manual Integrations
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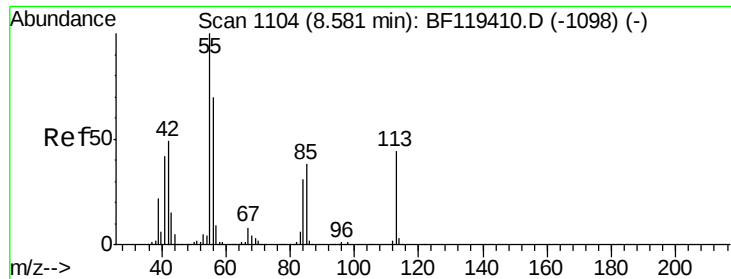
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#34
Hexachlorobutadiene
Concen: 40.027 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		420132		
223	63.2	49.2	73.8		
227	64.8	51.1	76.7		





#35

Caprolactam

Concen: 39.576 ng/mL

RT: 8.57 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

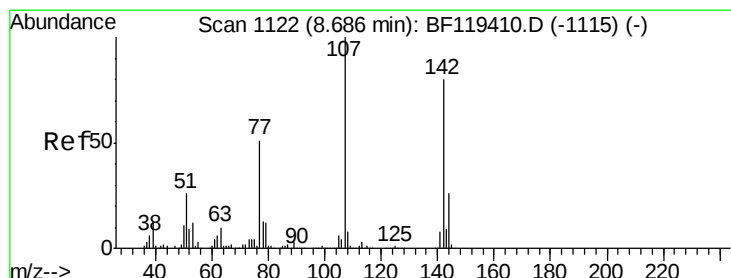
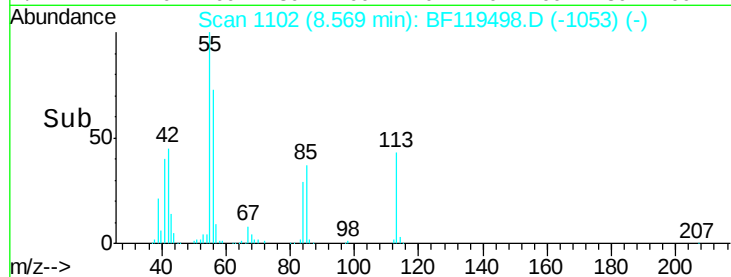
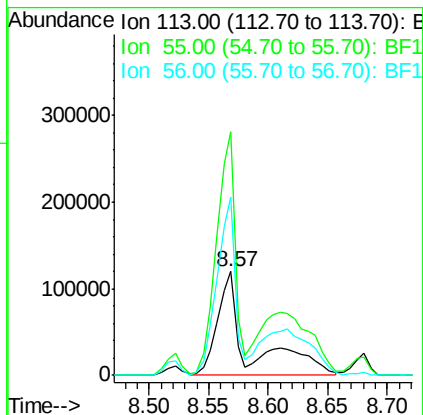
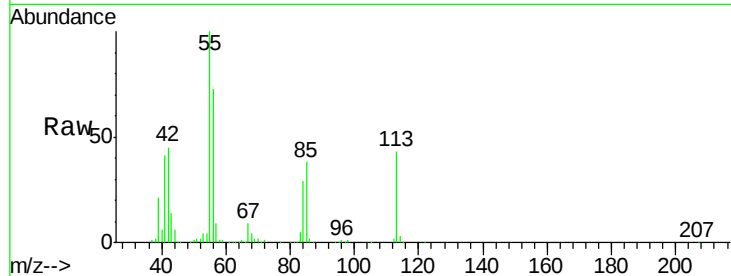
ClientSampleID :

PB127762BS

Tot Ion:	113	Resp:	219713
Ion Ratio	Lower	Upper	
113	100		
55	234.3	208.4	248.4
56	171.3	138.9	178.9

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#36

4-Chloro-3-methylphenol

Concen: 40.782 ng/mL

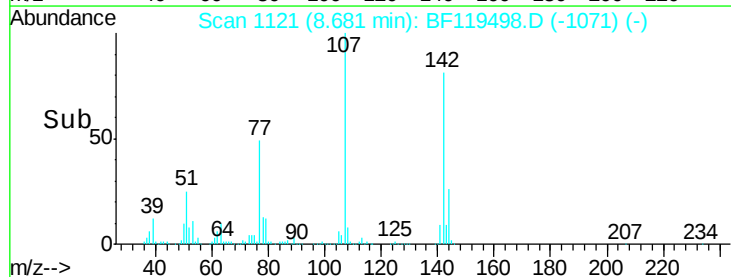
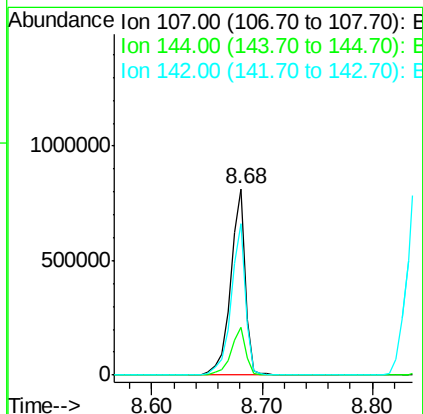
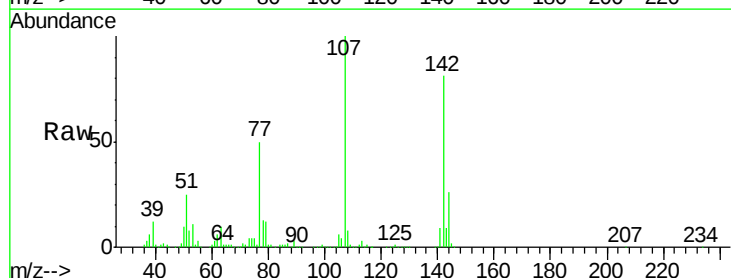
RT: 8.68 min Scan# 1121

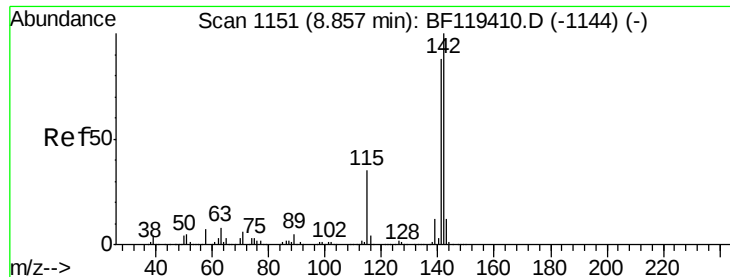
Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Tgt Ion:	107	Resp:	756104
Ion Ratio	Lower	Upper	
107	100		
144	25.9	20.6	31.0
142	81.3	63.8	95.6





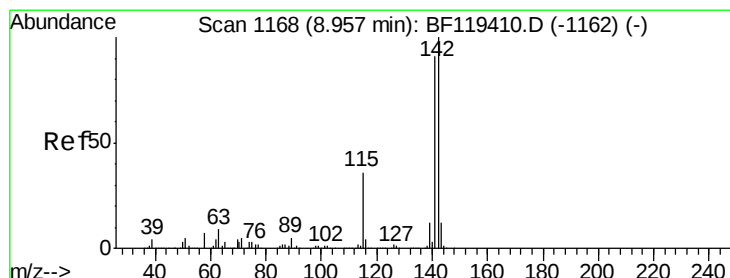
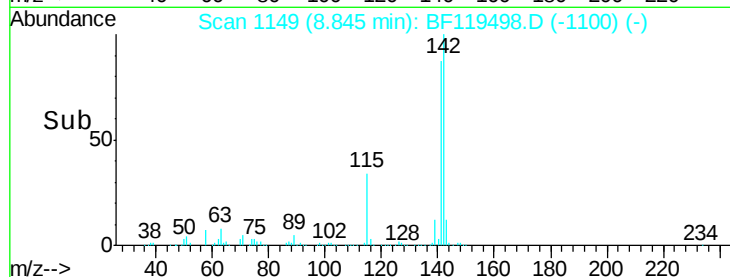
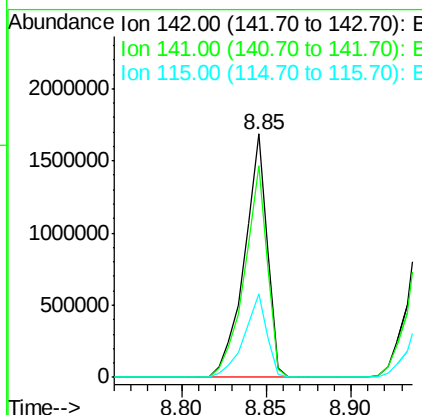
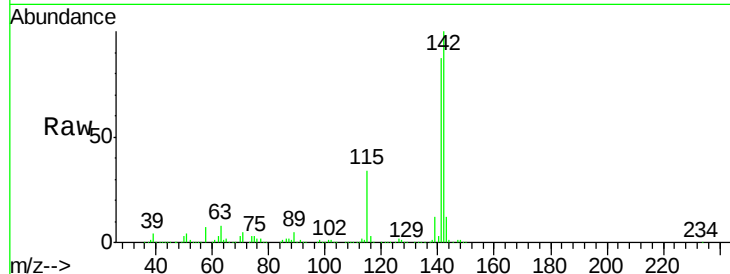
#37
2-Methylnaphthalene
Concen: 40.975 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.4	105.6
115	34.4	27.8	41.6

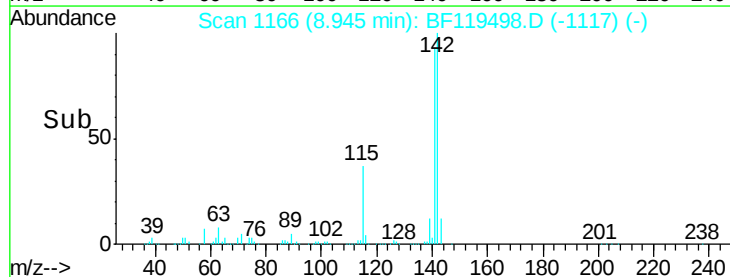
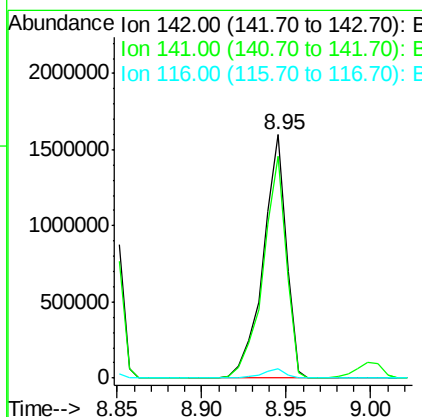
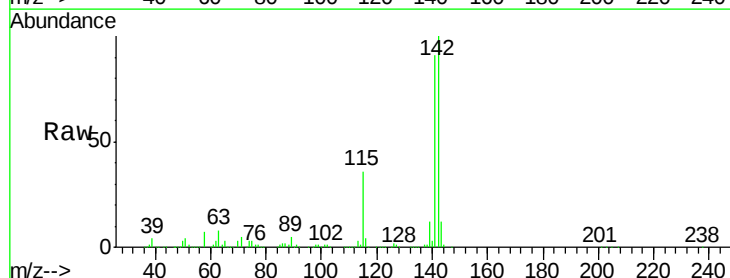
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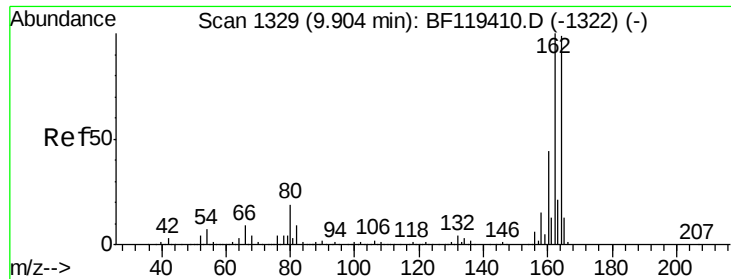
mohammad
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#38
1-Methylnaphthalene
Concen: 40.861 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.1	109.7
116	3.7	3.0	4.6





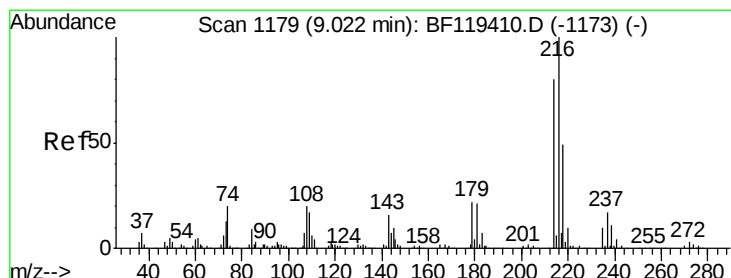
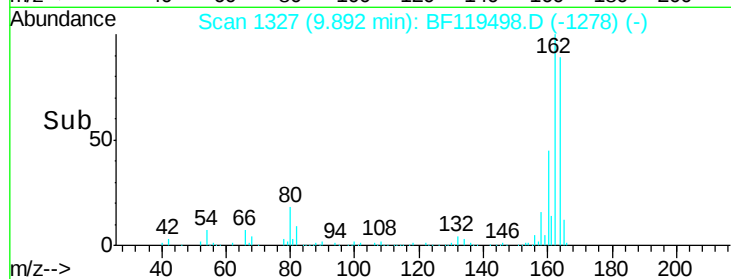
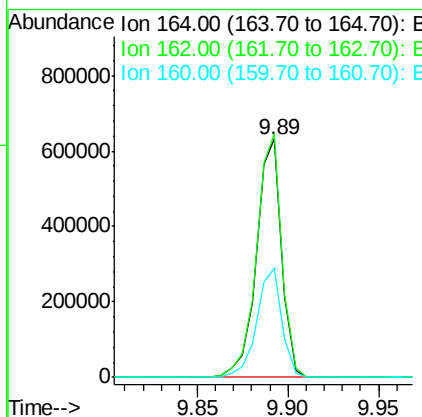
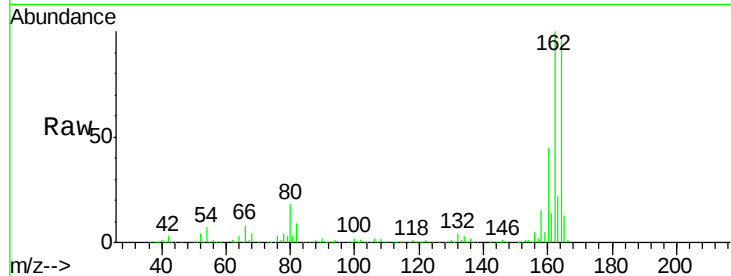
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.7	121.1
160	45.9	35.5	53.3

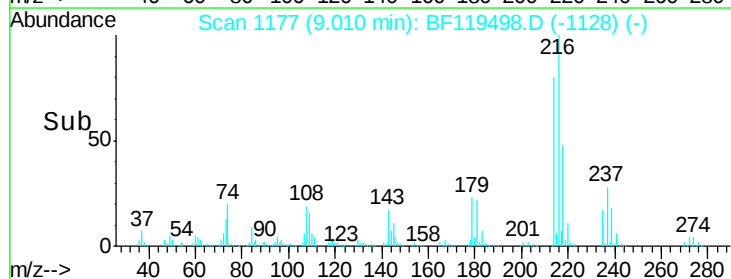
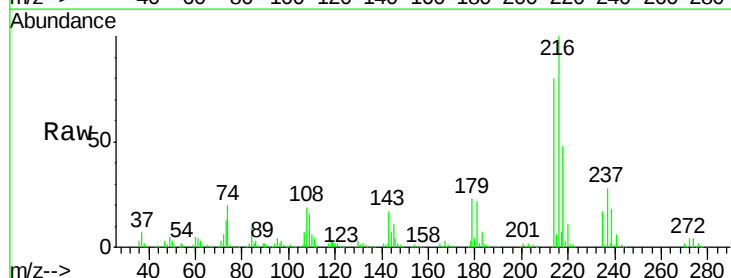
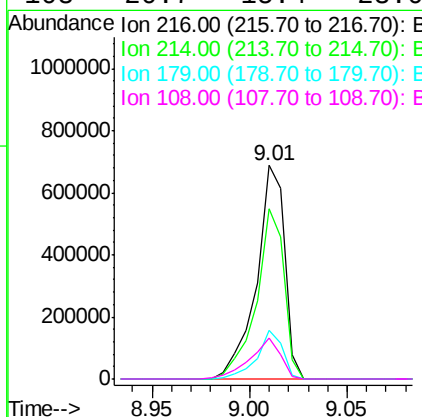
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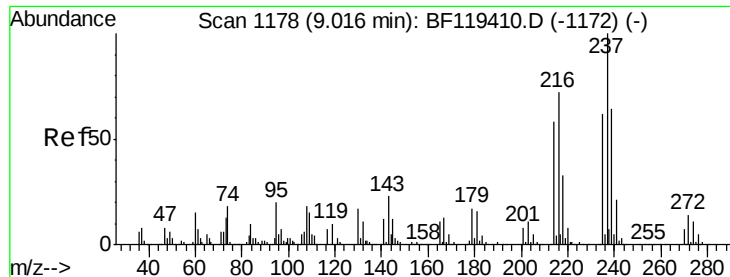
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.740 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.6
179	21.1	17.0	25.4
108	20.7	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 82.511 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

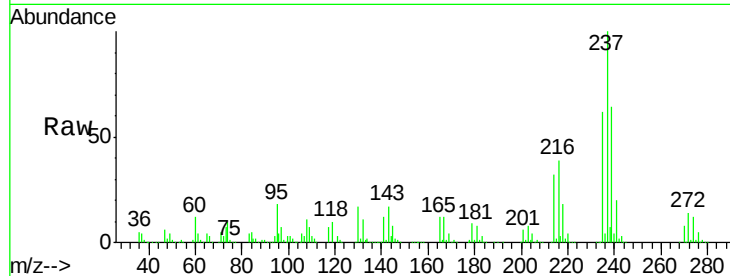
ClientSampleId :

PB127762BS

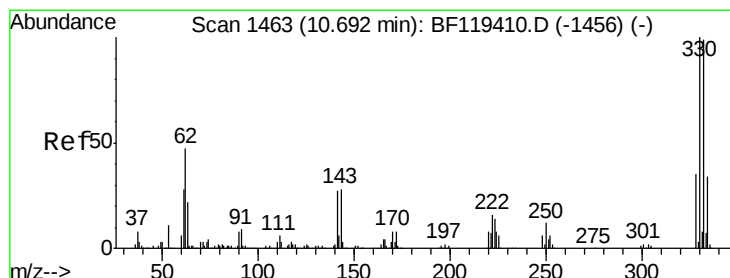
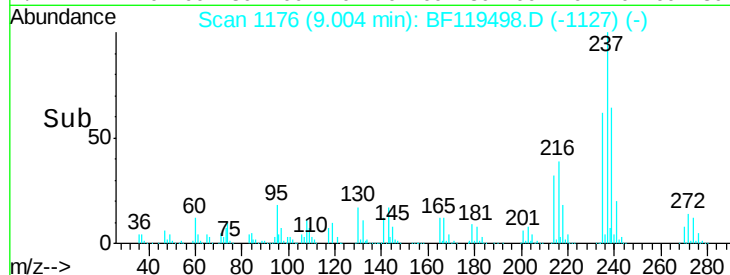
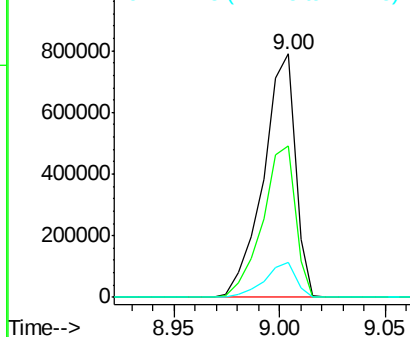
Tot Ion:	237	Resp:	835032
Ion Ratio		Lower	Upper
237	100		
235	62.3	42.5	82.5
272	14.4	0.0	34.3

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: 124.614 ng

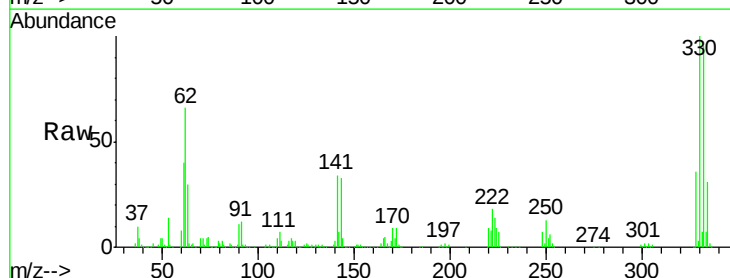
RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

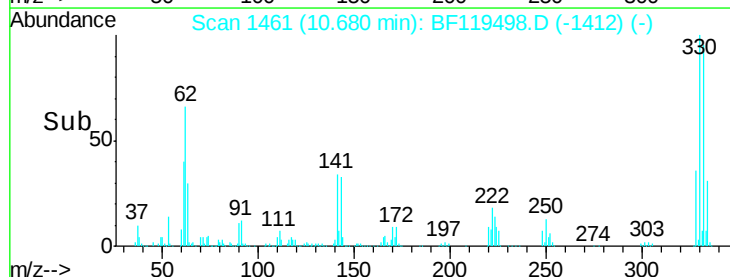
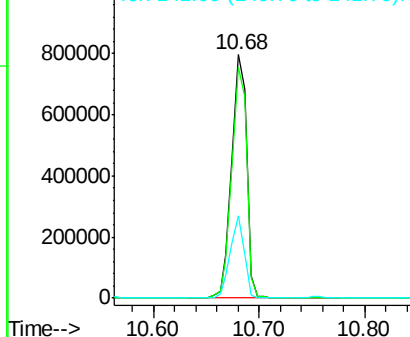
Lab File: BF119498.D

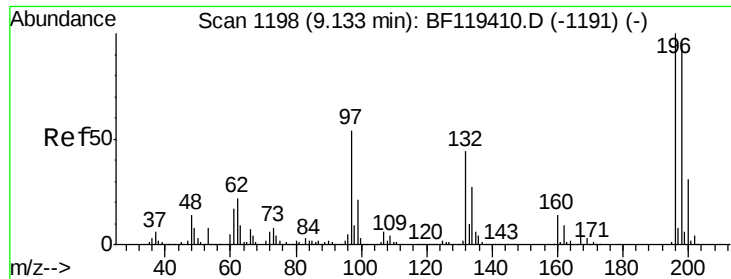
Acq: 24 Mar 2020 21:24

Tgt Ion:	330	Resp:	780782
Ion Ratio		Lower	Upper
330	100		
332	95.2	77.6	116.4
141	31.6	26.6	40.0



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





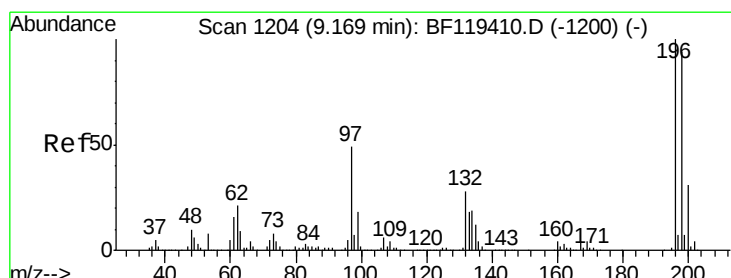
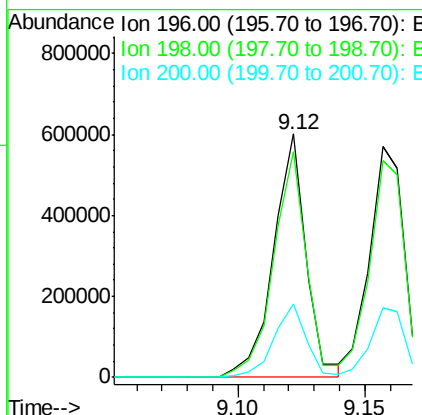
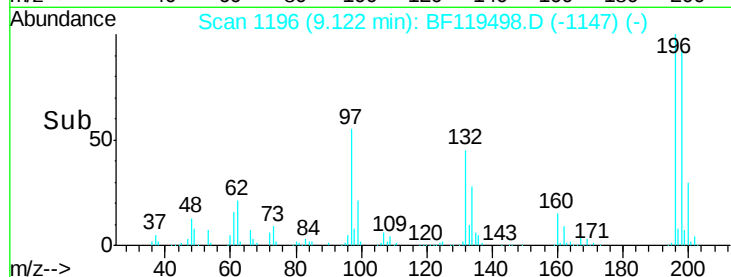
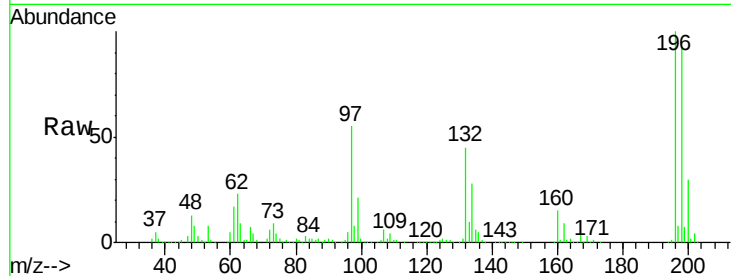
#43
 2,4,6-Trichlorophenol
 Concen: 41.894 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Tot Ion:	196	Resp:	533688
Ion Ratio	Lower	Upper	
196	100		
198	92.7	77.0	115.4
200	30.2	25.1	37.7

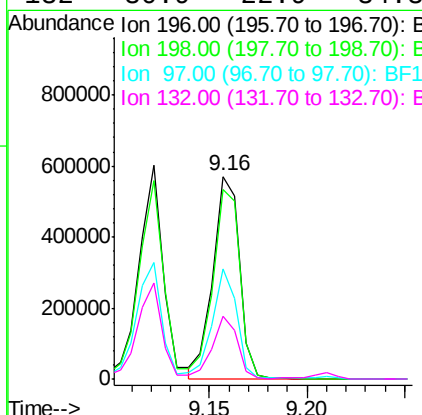
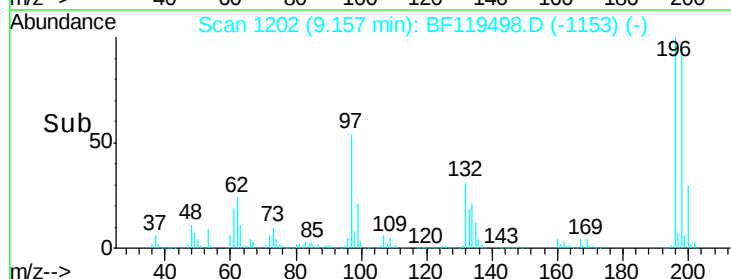
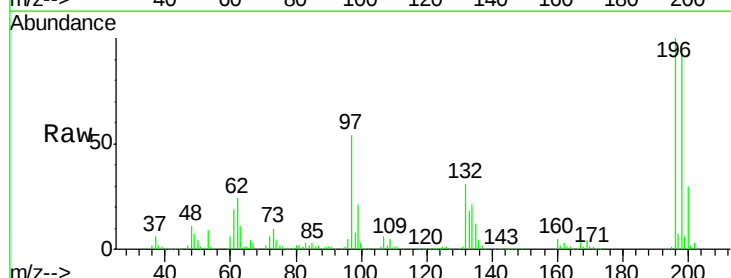
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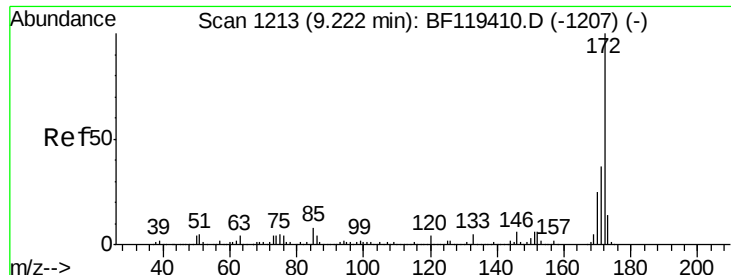
mohammad
 3/25/2020 12:29:49 PM



#44
 2,4,5-Trichlorophenol
 Concen: 37.888 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

Tgt Ion:	196	Resp:	540683
Ion Ratio	Lower	Upper	
196	100		
198	93.7	75.3	112.9
97	54.3	39.0	58.4
132	30.9	22.9	34.3





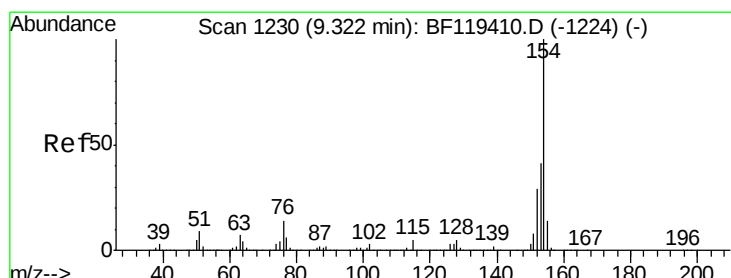
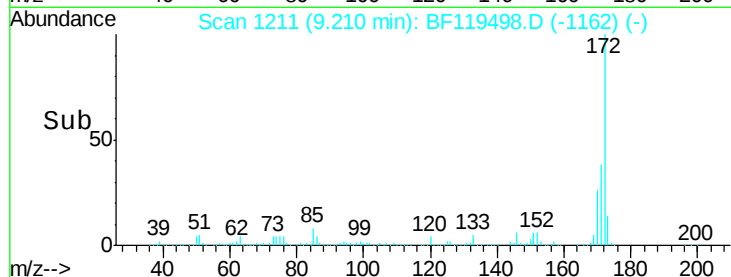
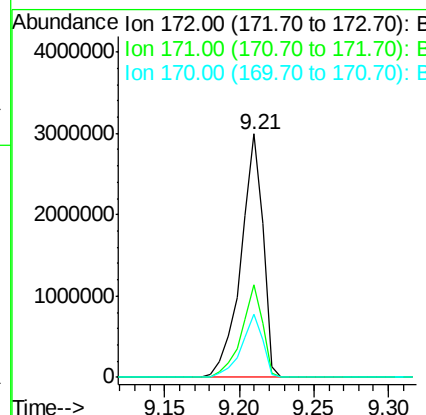
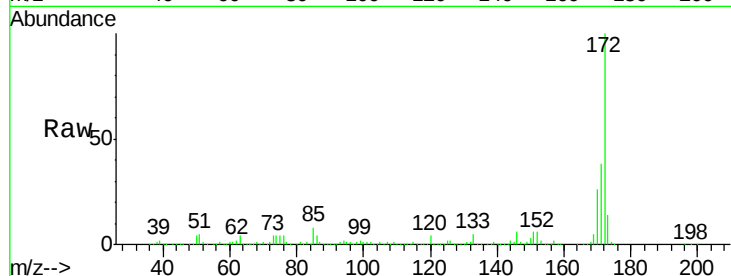
#45
2-Fluorobiphenyl
Concen: 75.049 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	38.2	29.9	44.9	
170	25.9	20.1	30.1	

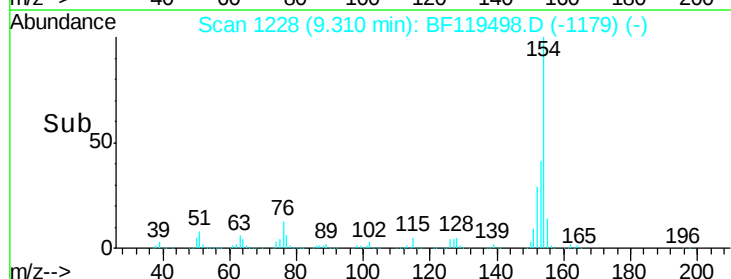
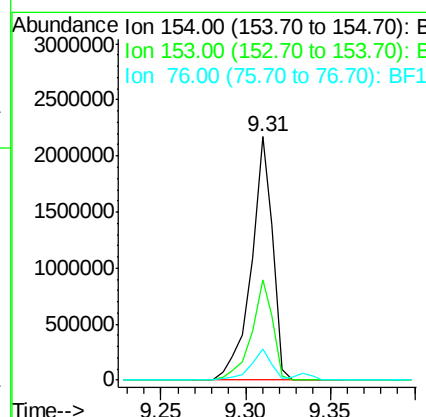
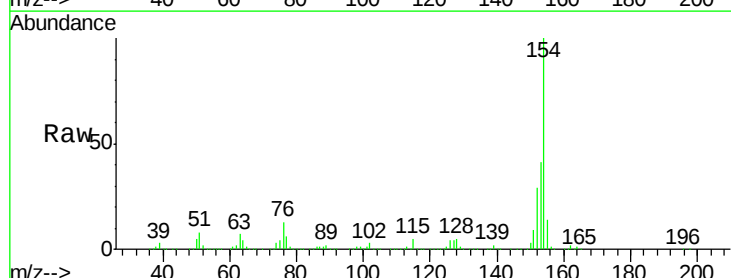
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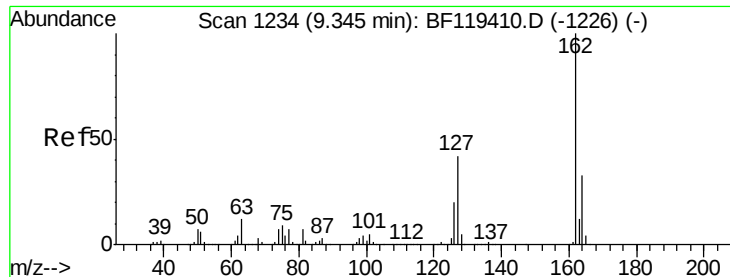
mohammad
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#46
1,1'-Biphenyl
Concen: 38.836 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.1	21.4	61.4	
76	12.8	0.0	33.6	





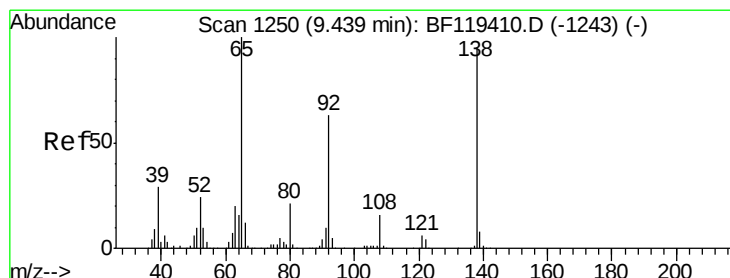
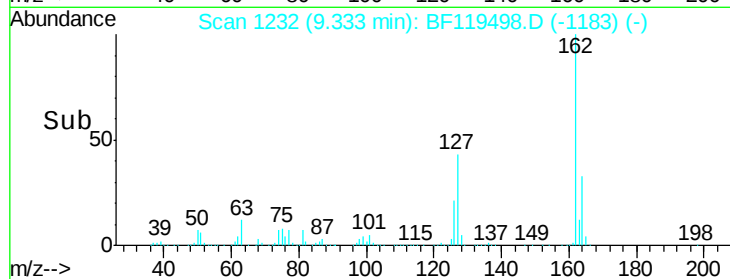
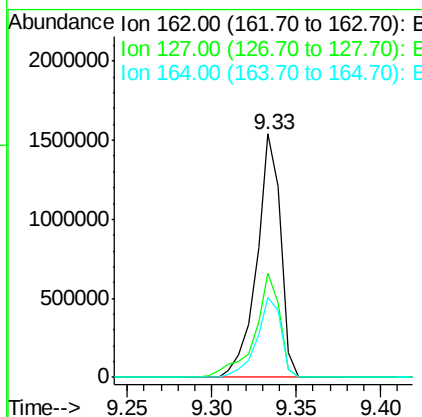
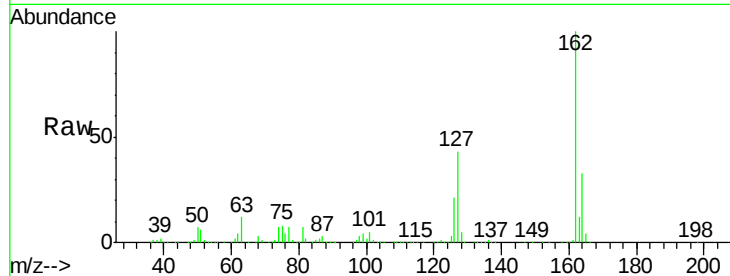
#47
 2-Chloronaphthalene
 Concen: 38.771 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.9	33.7	50.5
164	32.5	26.2	39.4

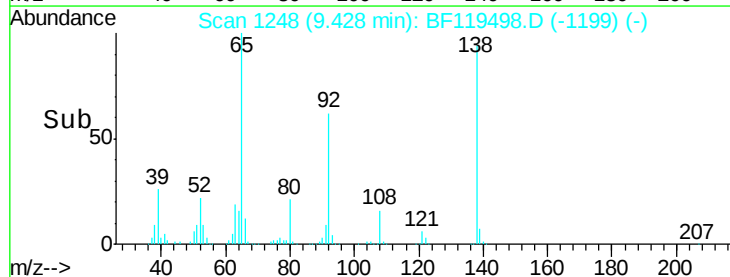
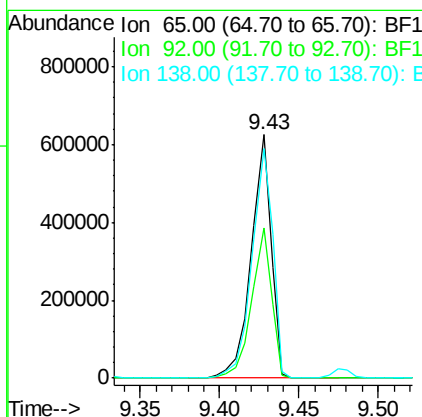
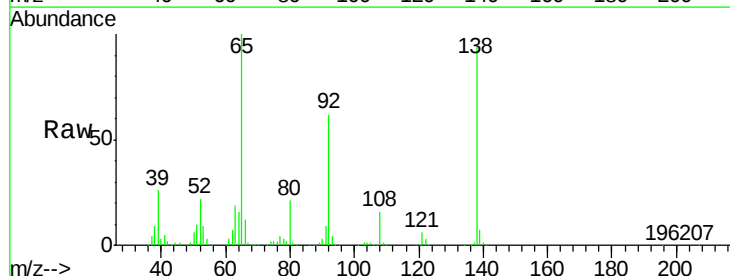
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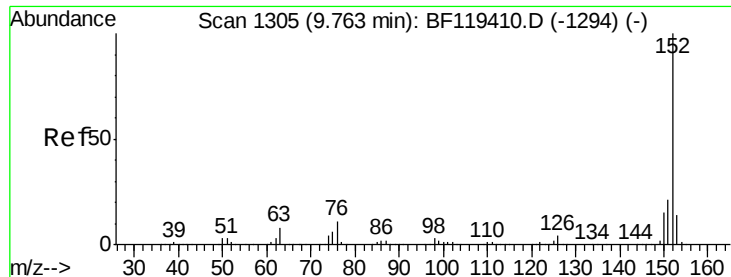
mohammad
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#48
 2-Nitroaniline
 Concen: 40.886 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.7	50.5	75.7
138	94.1	75.8	113.8





#49

Acenaphthylene

Concen: 39.193 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

PB127762BS

Tot Ion:152 Resp: 2384689

Ion Ratio Lower Upper

152 100

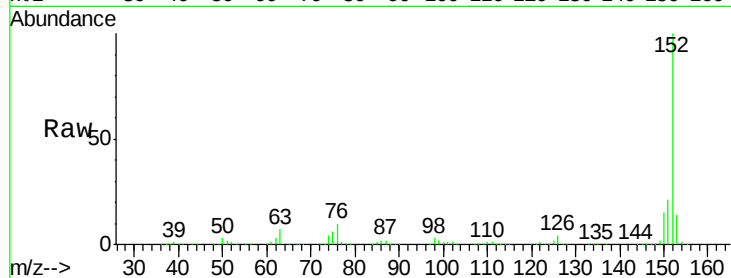
151 20.9 16.8 25.2

153 13.8 11.2 16.8

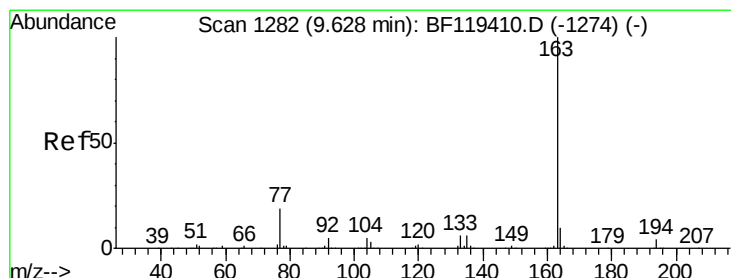
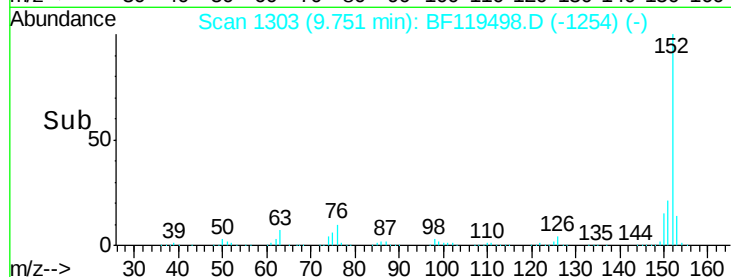
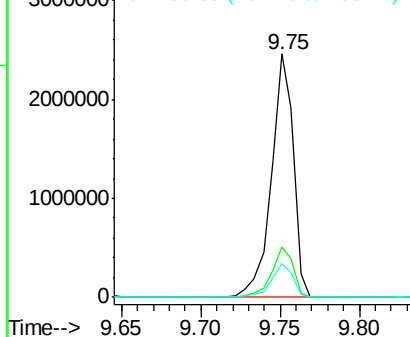
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.084 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

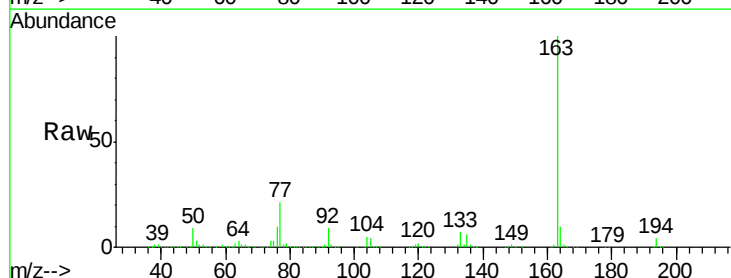
Tgt Ion:163 Resp: 1772320

Ion Ratio Lower Upper

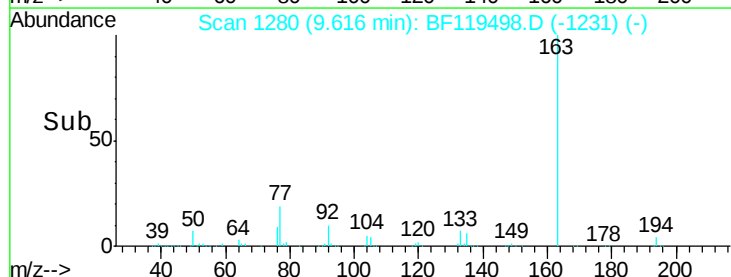
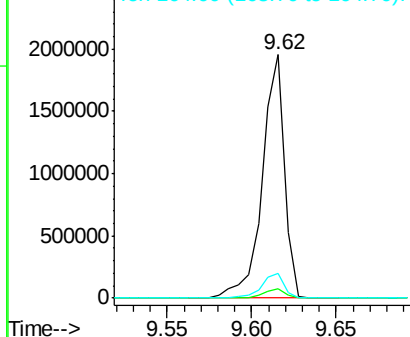
163 100

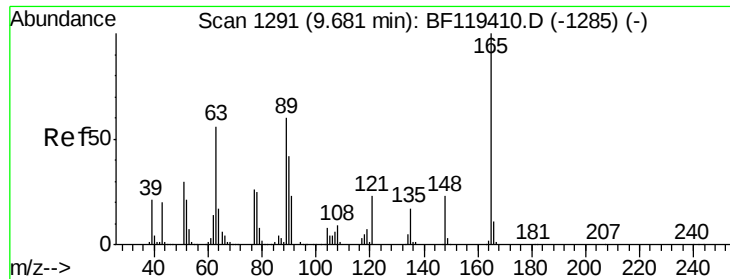
194 4.0 3.2 4.8

164 10.3 8.1 12.1



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: 43.238 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

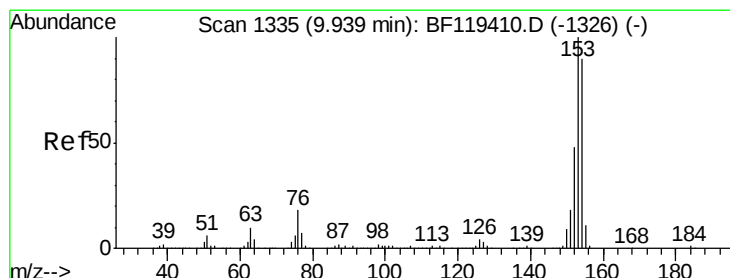
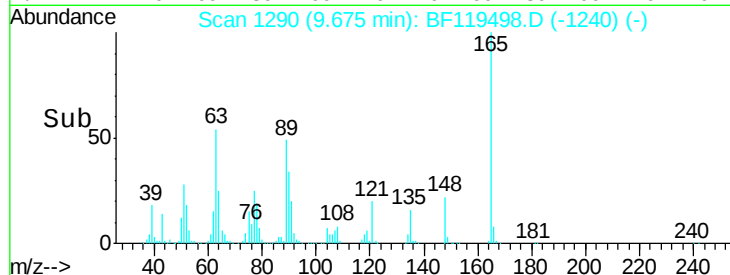
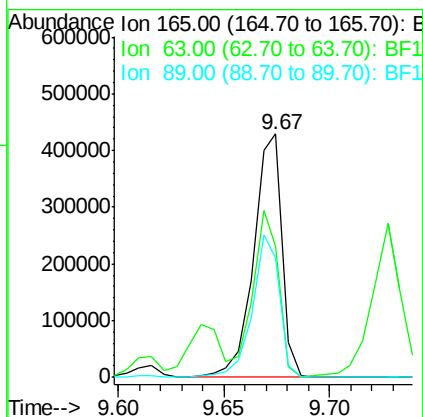
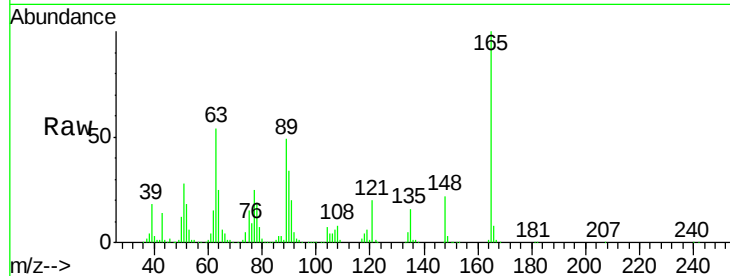
PB127762BS

Tot Ion:165 Resp: 399805
Ion Ratio Lower Upper

165	100		
63	53.8	57.3	85.9#
89	49.1	47.8	71.8

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#52

Acenaphthene

Concen: 43.221 ng

RT: 9.93 min Scan# 1333

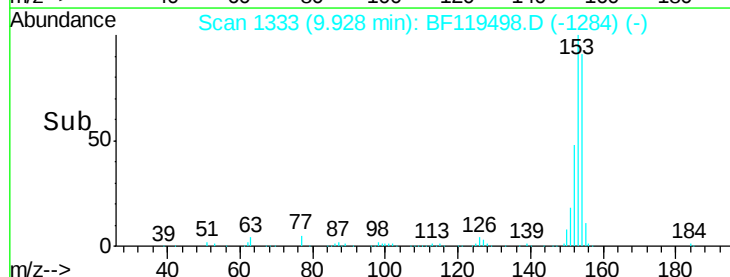
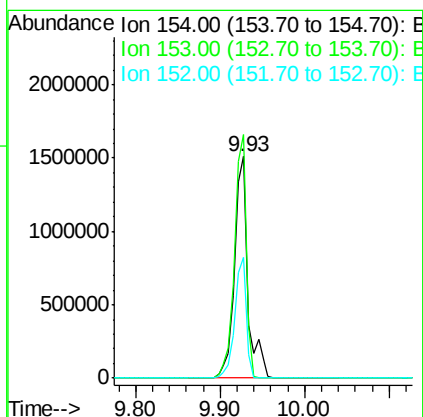
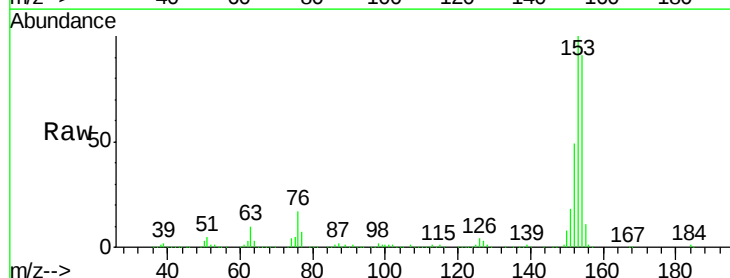
Delta R.T. -0.01 min

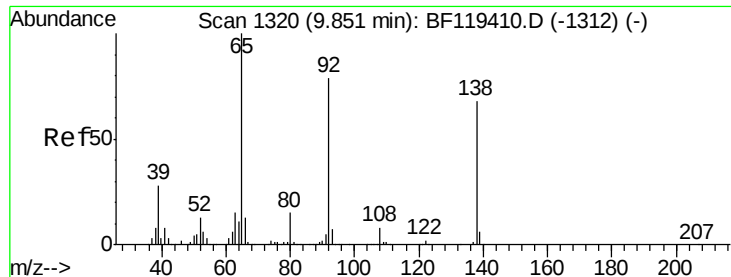
Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Tgt Ion:154 Resp: 1639448
Ion Ratio Lower Upper

154	100		
153	109.9	89.0	133.6
152	54.3	43.1	64.7





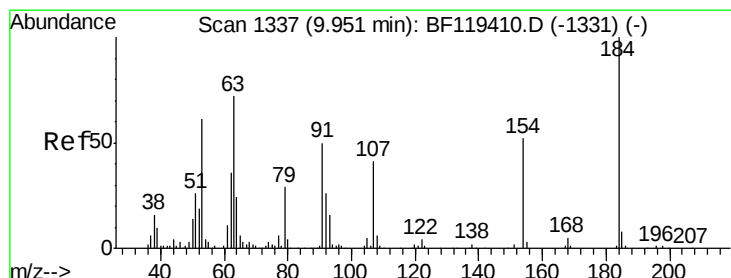
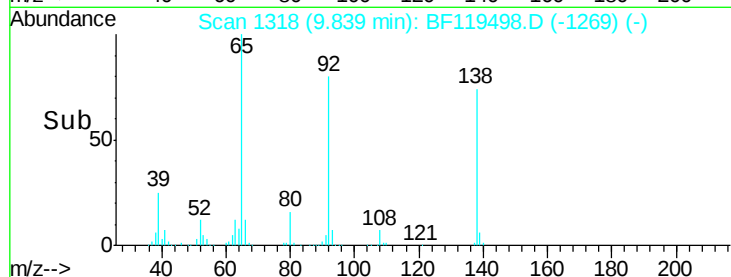
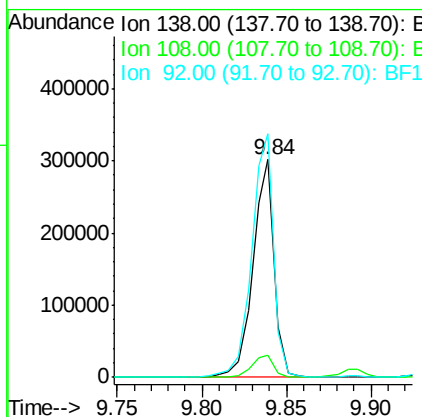
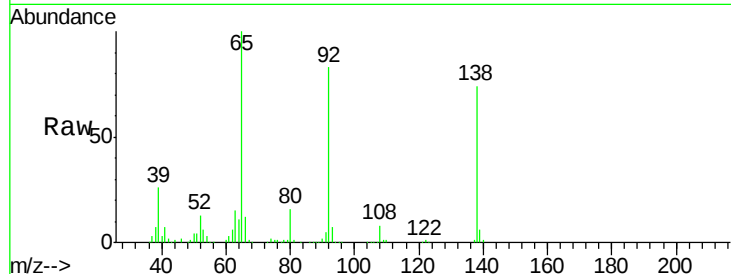
#53
3-Nitroaniline
Concen: 22.623 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	264093		
108	10.2	9.0	13.6	
92	111.9	93.2	139.8	

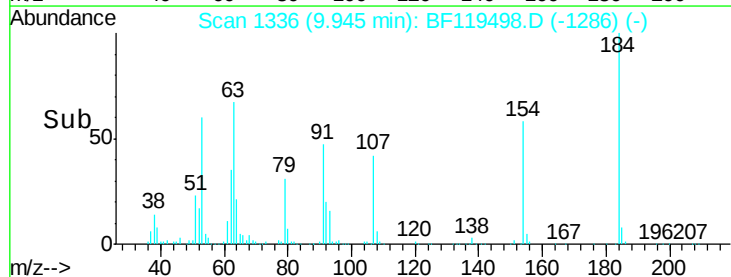
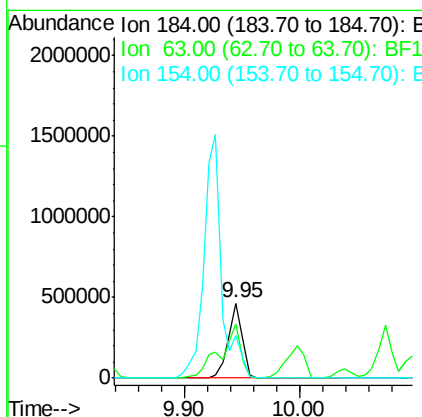
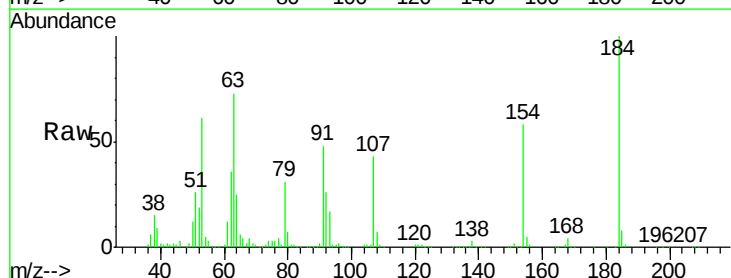
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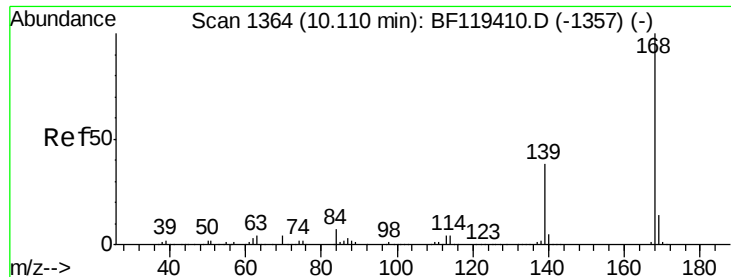
mohammad
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#54
2,4-Dinitrophenol
Concen: 95.514 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	388360		
63	73.2	58.5	87.7	
154	57.7	51.8	77.6	





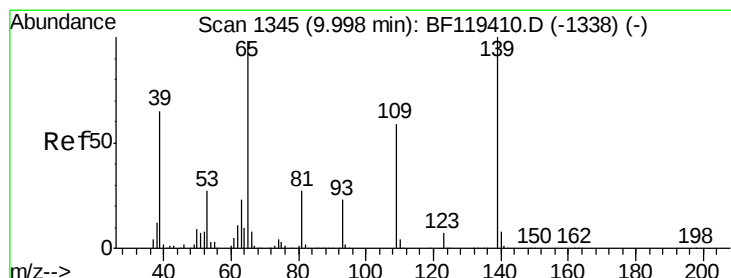
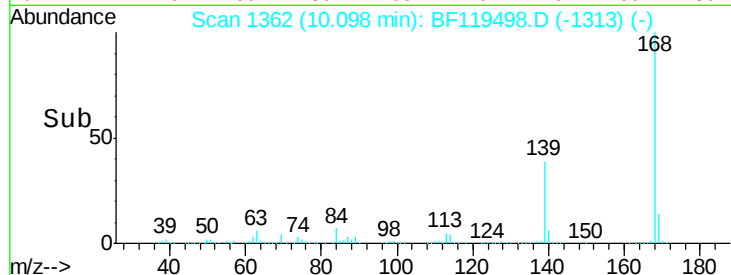
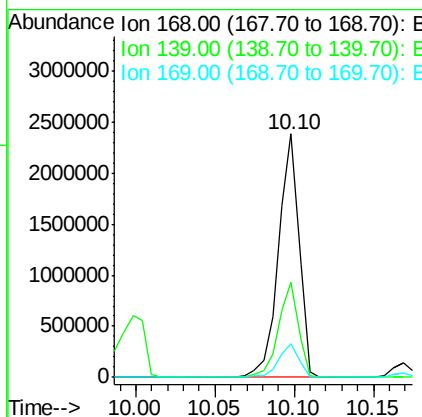
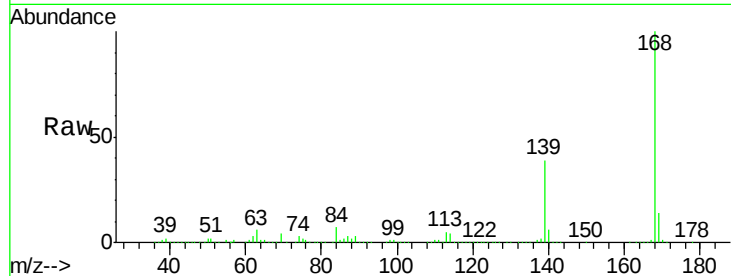
#55
Dibenzofuran
Concen: 39.472 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.2	45.4
169	14.1	11.1	16.7

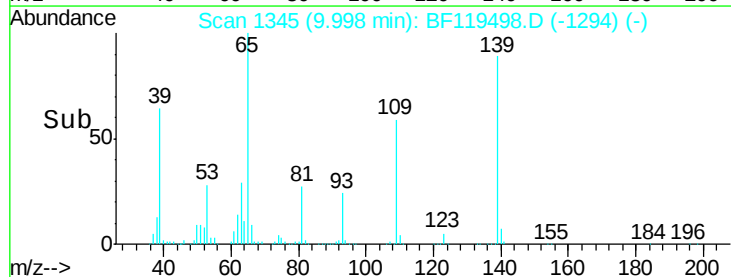
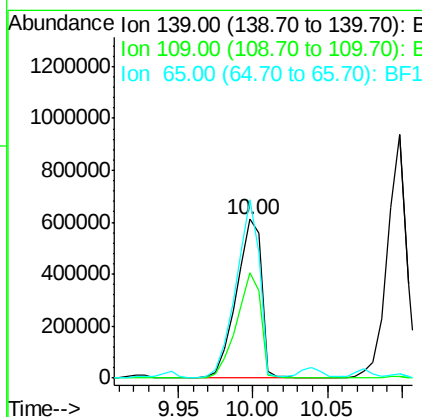
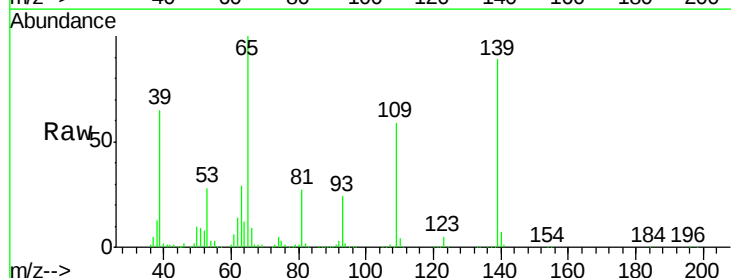
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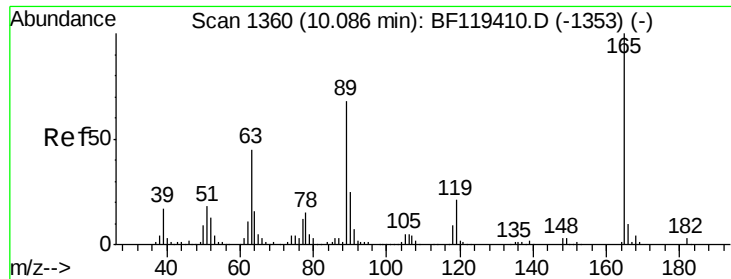
mohammad
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#56
4-Nitrophenol
Concen: 78.111 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.2	39.6	79.6
65	112.4	78.3	118.3





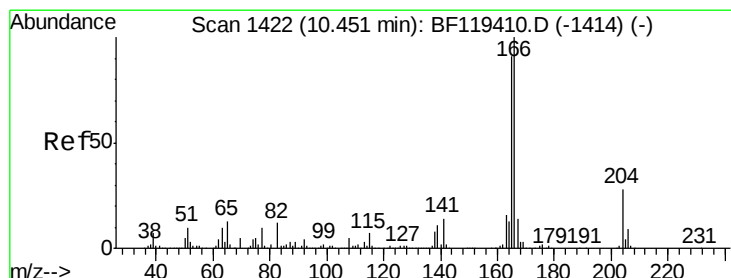
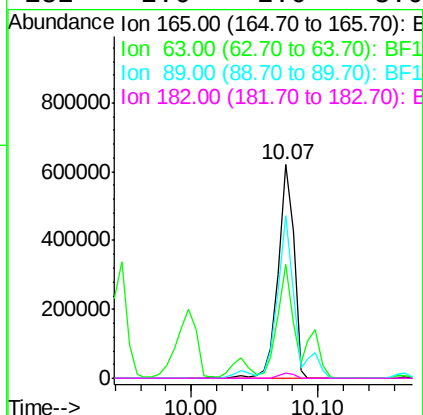
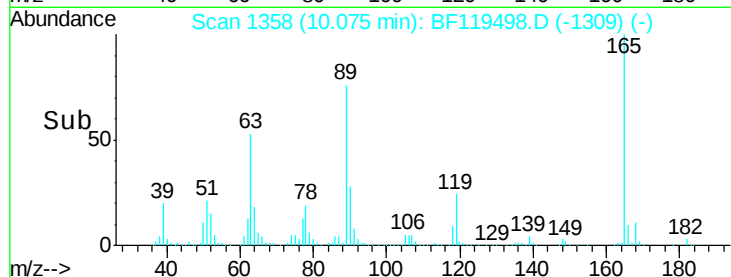
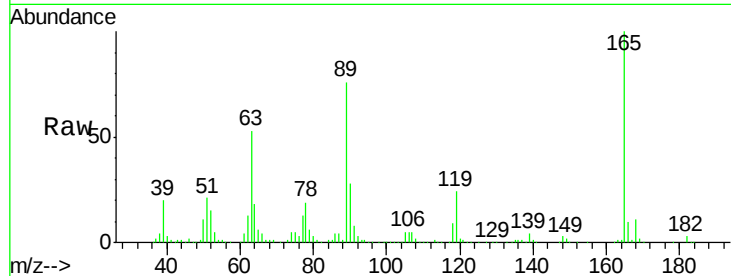
#57
2,4-Dinitrotoluene
Concen: 45.688 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		532177		
63	53.3	36.2	54.4		
89	76.2	54.3	81.5		
182	2.6	2.0	3.0		

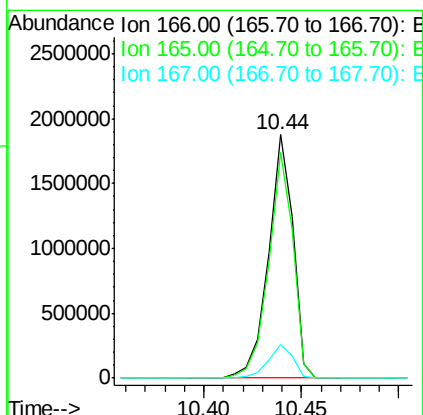
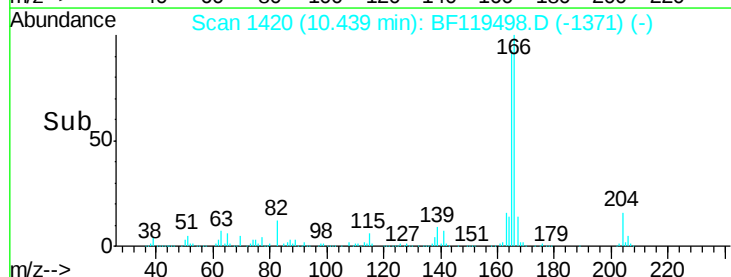
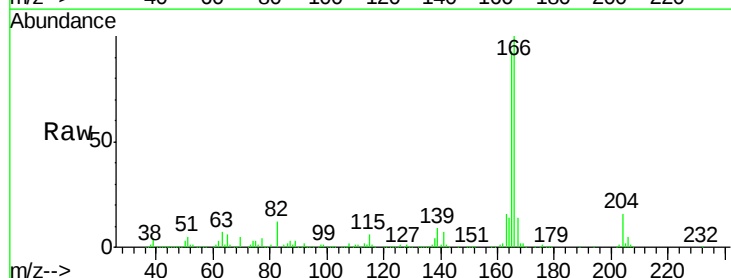
Manual Integrations
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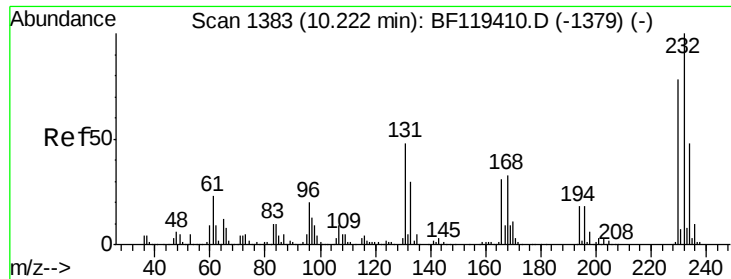
mohammad
3/25/2020 12:29:49 PM



#58
Fluorene
Concen: 40.732 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1638101		
165	92.9	73.1	109.7		
167	14.0	11.0	16.6		





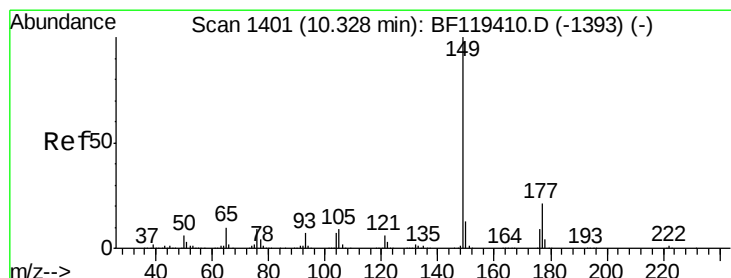
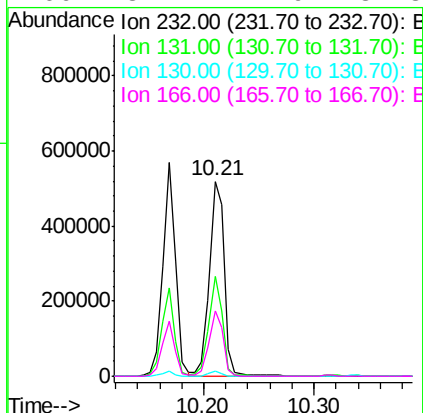
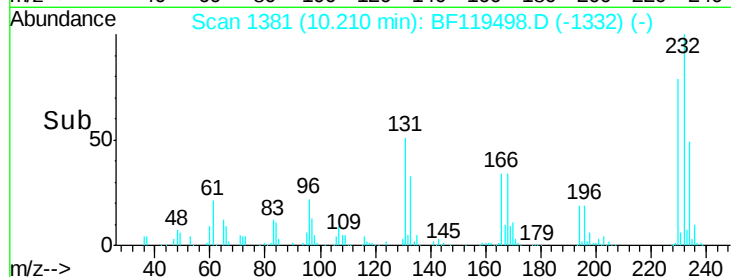
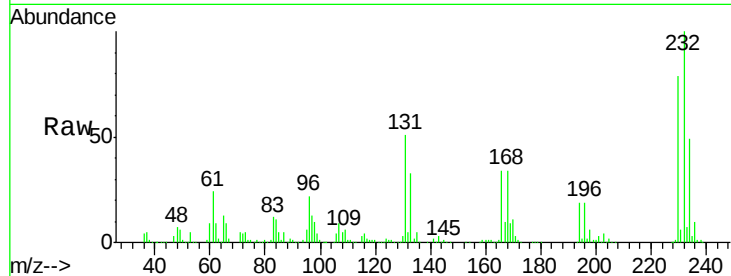
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.890 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		468182		
131	46.4	36.3	54.5		
130	2.1	1.8	2.6		
166	32.1	24.9	37.3		

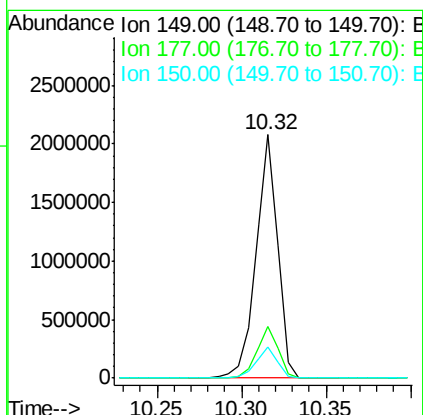
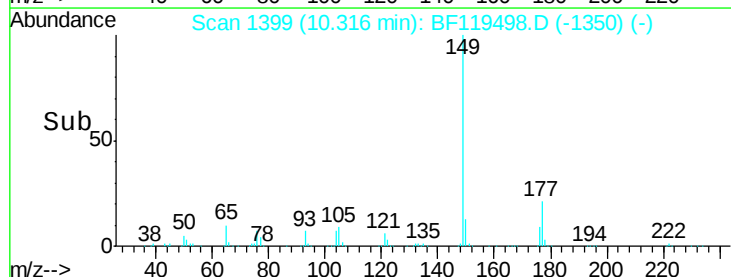
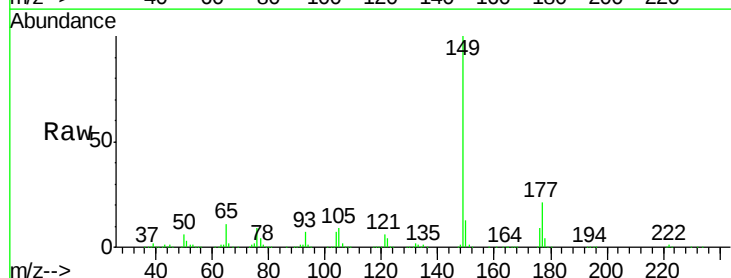
Manual Integrations
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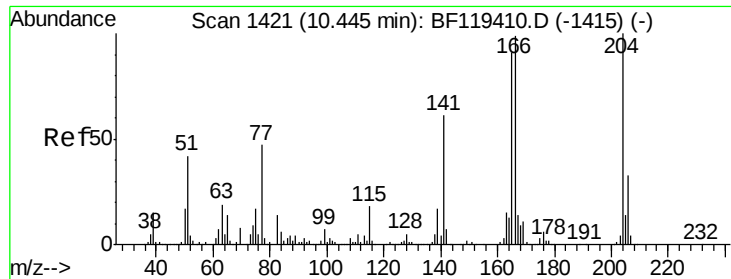
mohammad
 3/25/2020 12:29:49 PM



#60
 Diethylphthalate
 Concen: 42.338 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1853687		
177	21.4	17.0	25.6		
150	12.9	10.2	15.4		





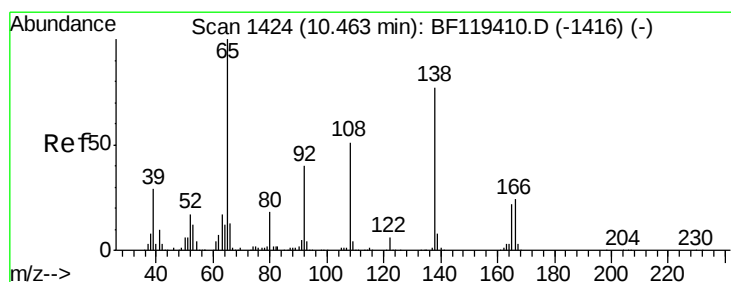
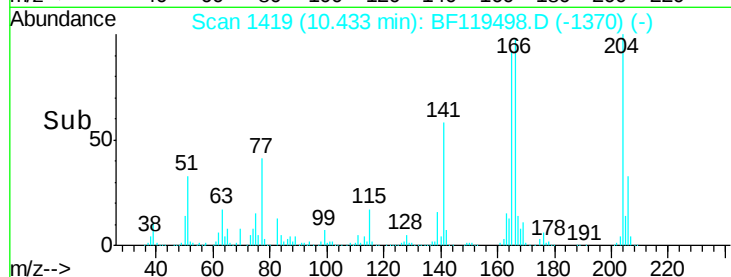
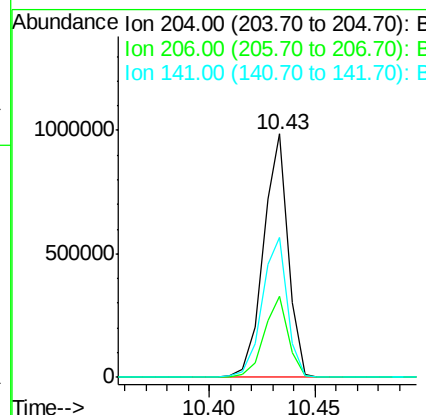
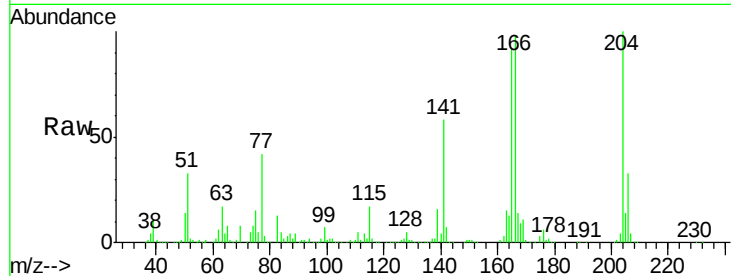
#61
4-Chlorophenyl-phenylether
Concen: 40.765 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.7	40.1
141	57.7	48.8	73.2

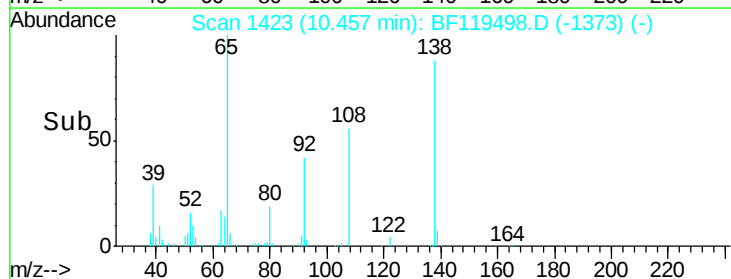
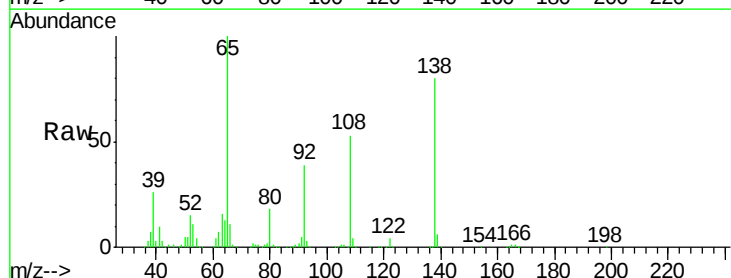
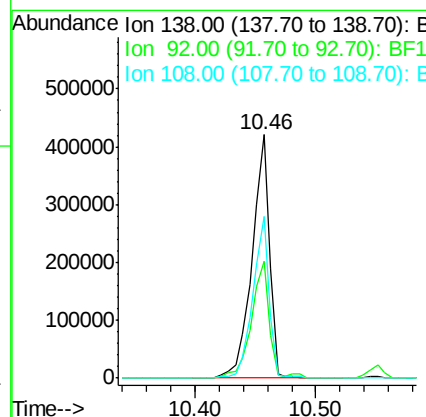
Manual Integrations
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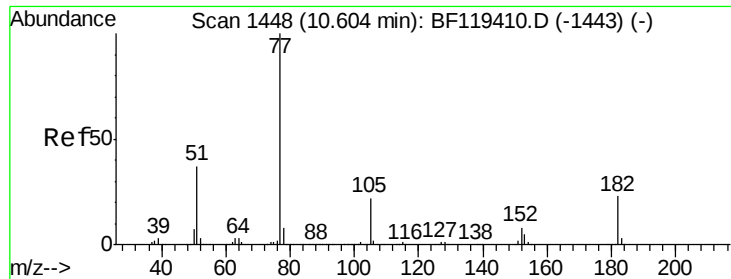
mohammad
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#62
4-Nitroaniline
Concen: 38.125 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.1	32.0	72.0
108	66.4	46.0	86.0





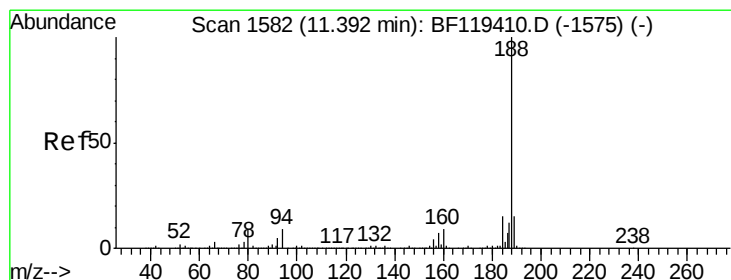
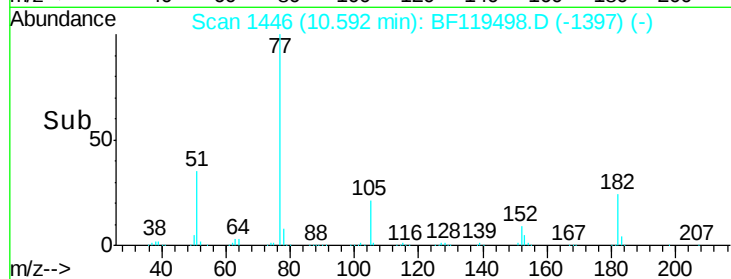
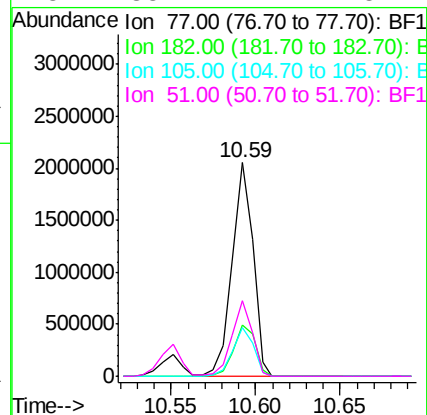
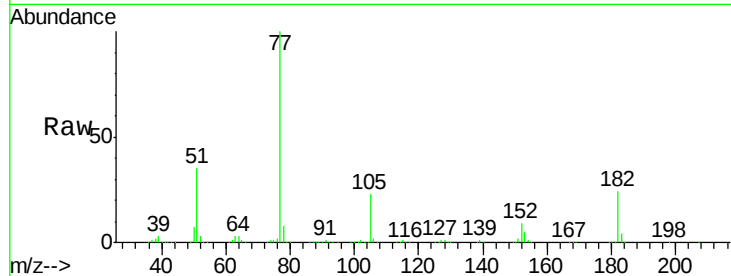
#63
Azobenzene
Concen: 39.910 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.2	2.5	42.5	
105	23.0	2.5	42.5	
51	35.2	17.1	57.1	

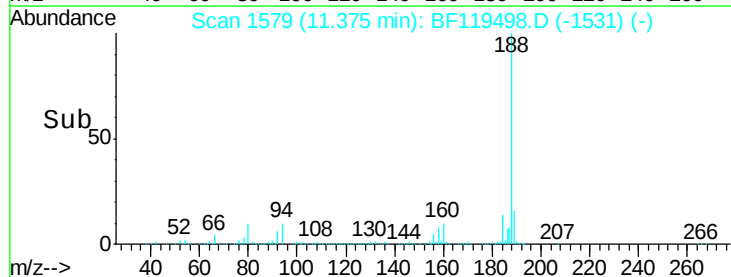
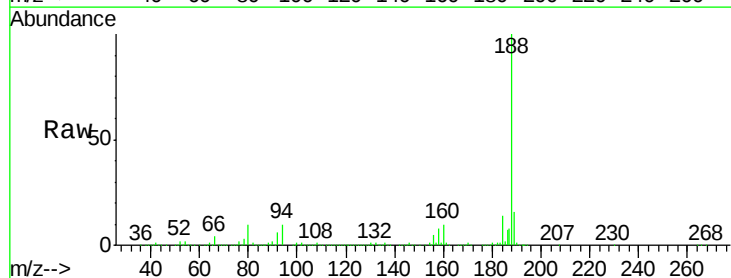
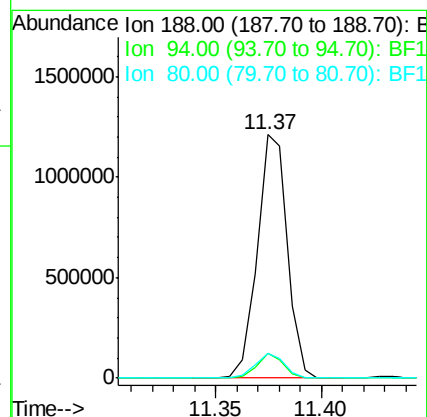
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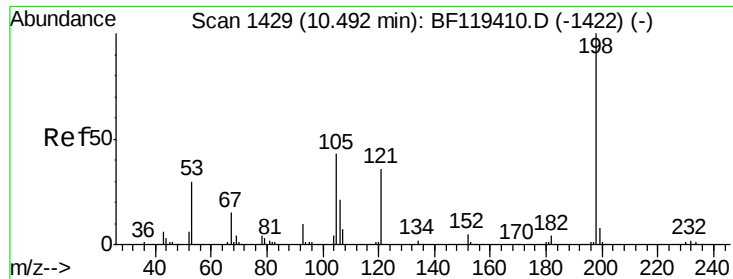
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.2	7.1	10.7	
80	10.0	7.5	11.3	





#65

4,6-Dinitro-2-methylphenol

Concen: 52.571 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

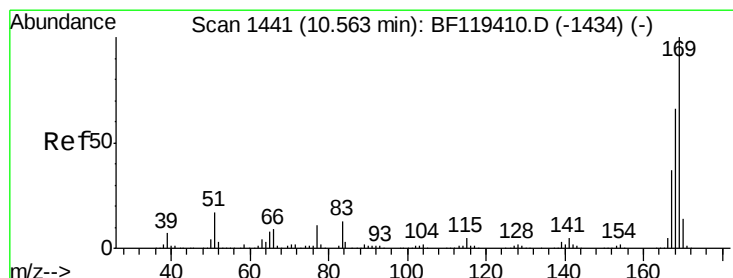
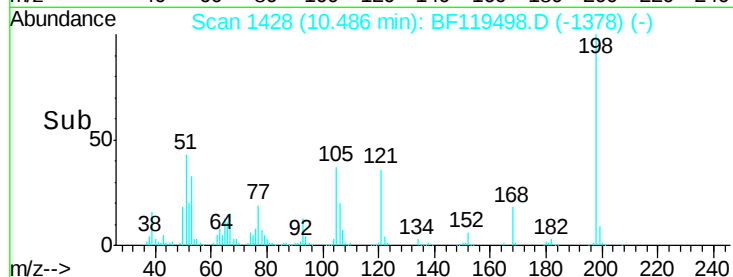
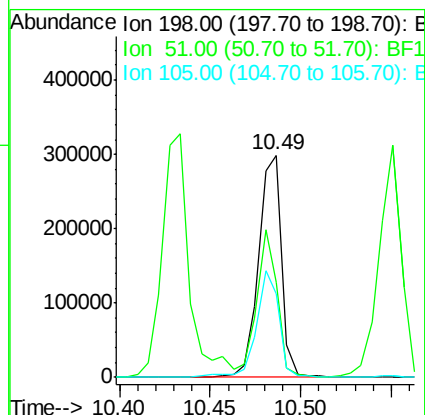
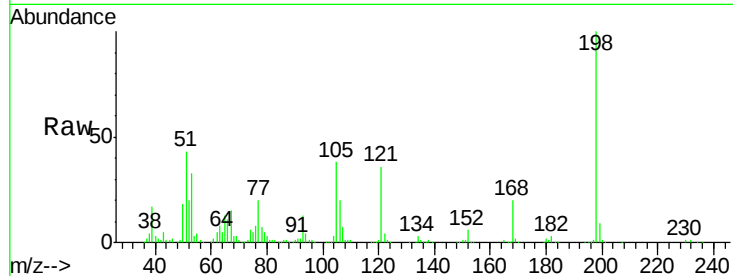
ClientSampleId :

PB127762BS

Tot Ion:	198	Resp:	263899
Ion Ratio	Lower	Upper	
198	100		
51	42.7	33.1	73.1
105	37.5	24.1	64.1

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#66

n-Nitrosodiphenylamine

Concen: 38.842 ng

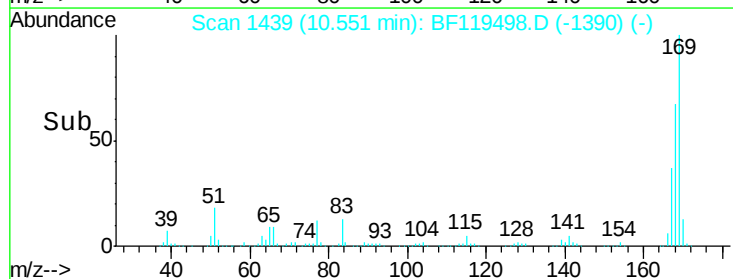
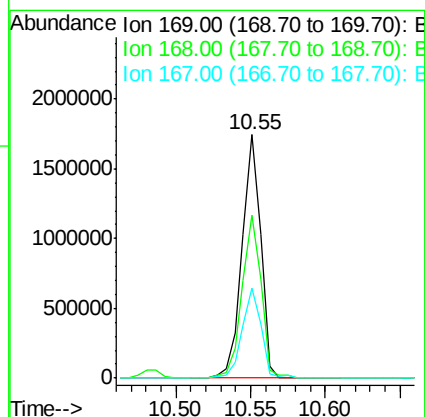
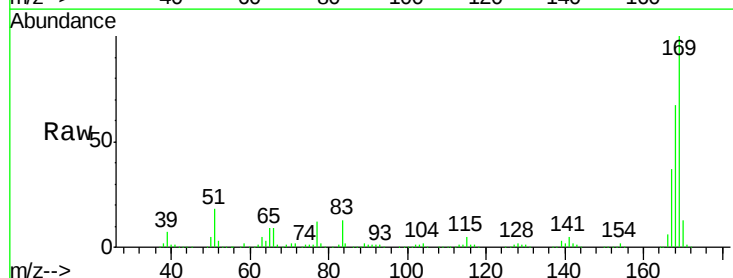
RT: 10.55 min Scan# 1439

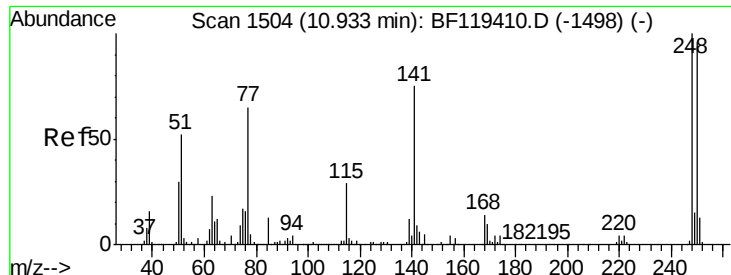
Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Tgt Ion:	169	Resp:	1526453
Ion Ratio	Lower	Upper	
169	100		
168	67.1	52.7	79.1
167	37.2	29.3	43.9





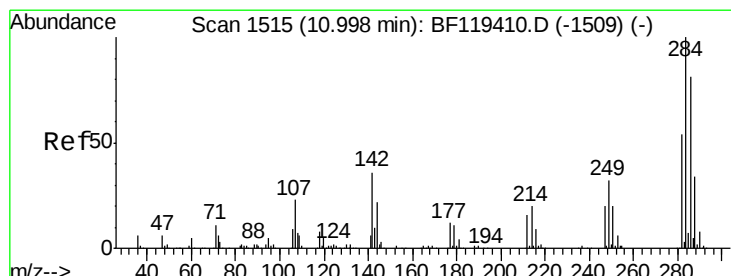
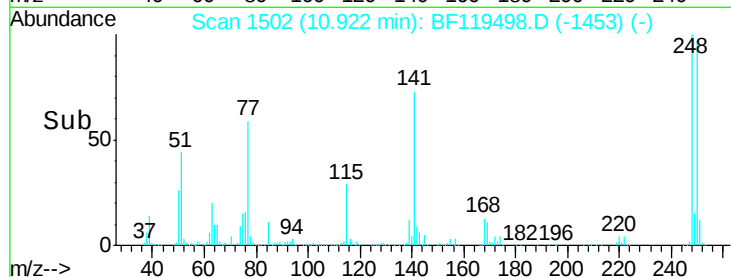
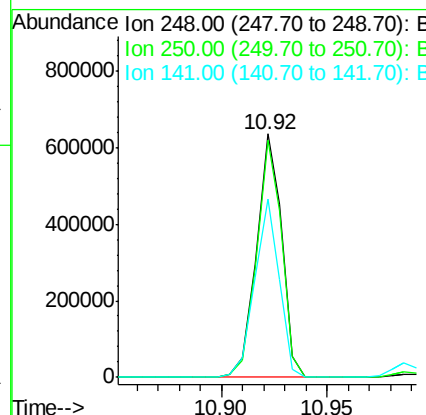
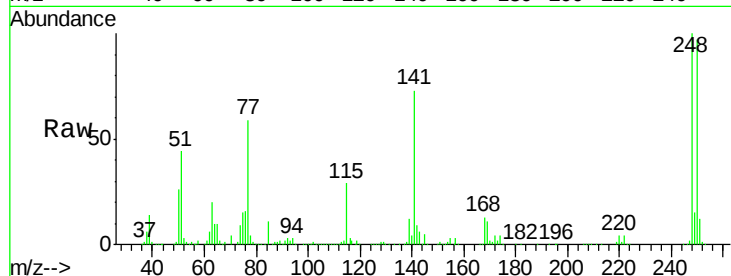
#67
4-Bromophenyl-phenylether
Concen: 39.009 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.0	115.6
141	73.3	59.7	89.5

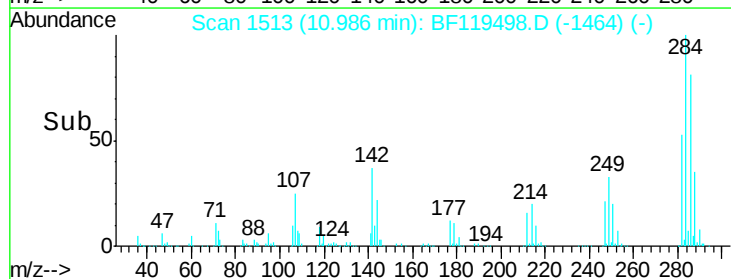
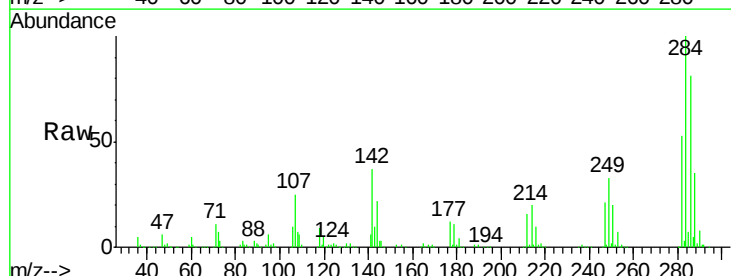
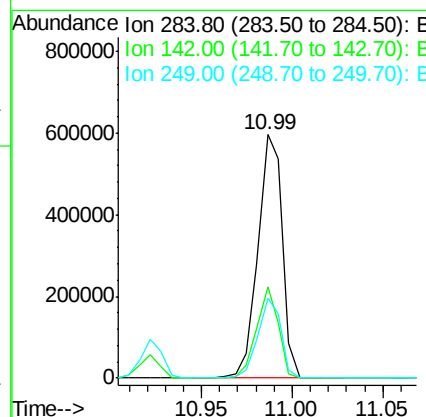
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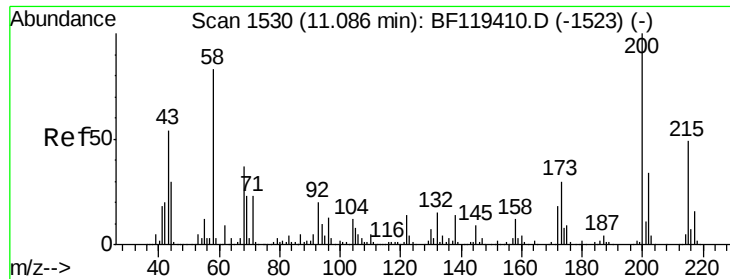
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#68
Hexachlorobenzene
Concen: 39.842 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.3	28.7	43.1
249	32.6	25.4	38.0





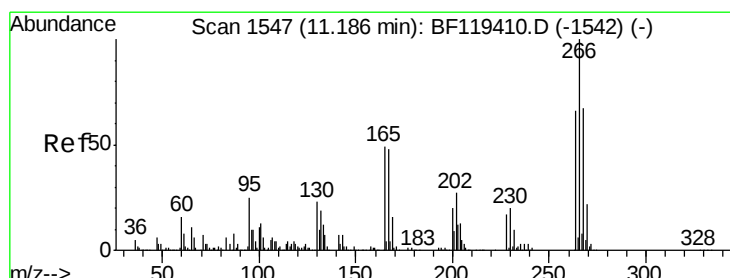
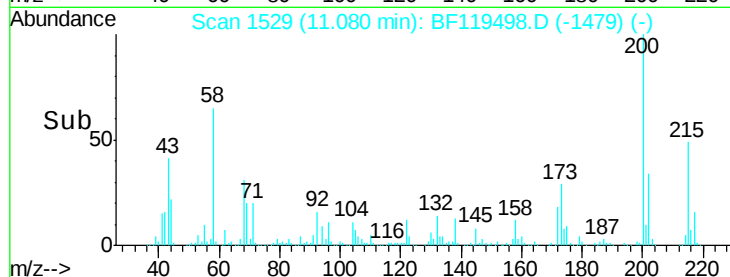
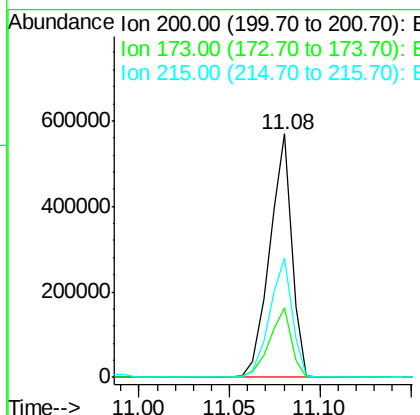
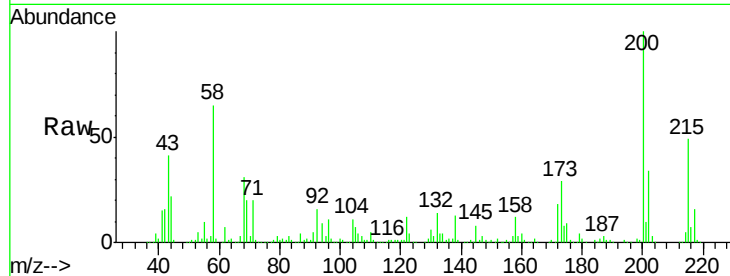
#69
 Atrazine
 Concen: 44.751 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.6	9.9	49.9
215	49.2	29.4	69.4

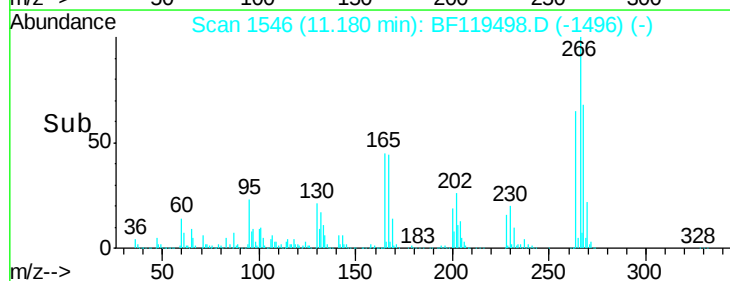
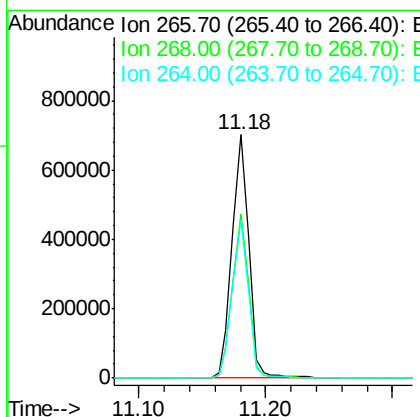
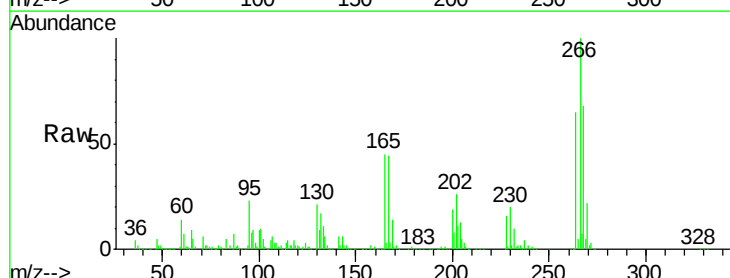
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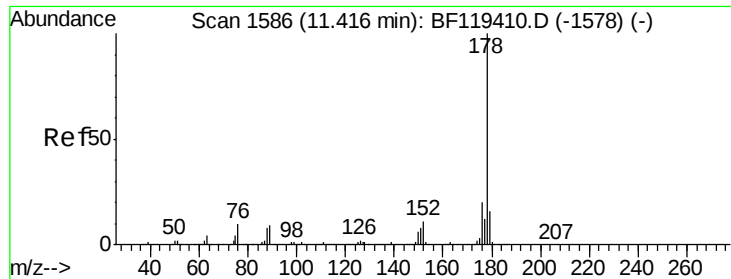
mohammad
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#70
 Pentachlorophenol
 Concen: 78.544 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.7	53.7	80.5
264	64.6	52.5	78.7





#71

Phenanthrene

Concen: 38.383 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

PB127762BS

Tot Ion:178 Resp: 2382540

Ion Ratio Lower Upper

178 100

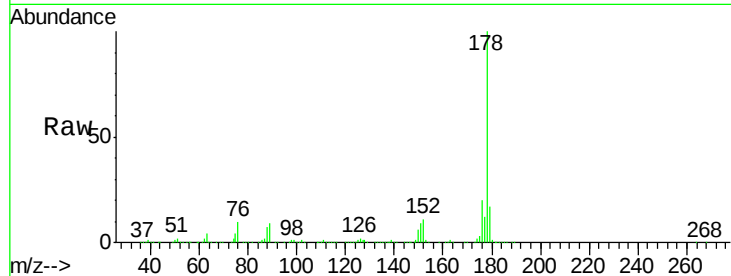
176 20.5 16.2 24.4

179 16.6 12.9 19.3

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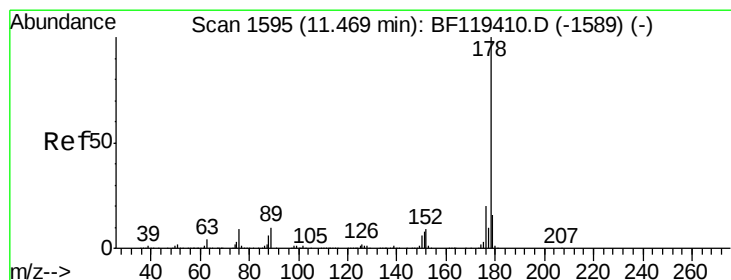
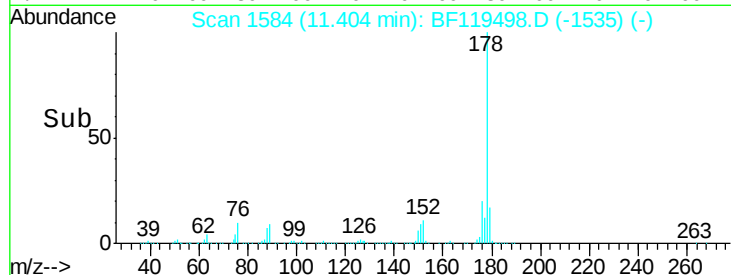
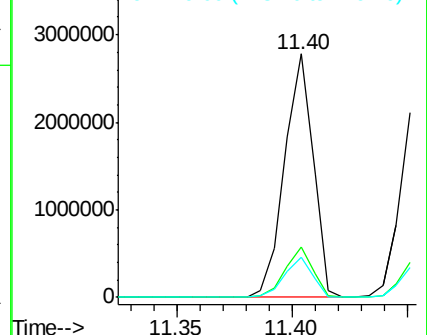
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.912 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Tgt Ion:178 Resp: 2454864

Ion Ratio Lower Upper

178 100

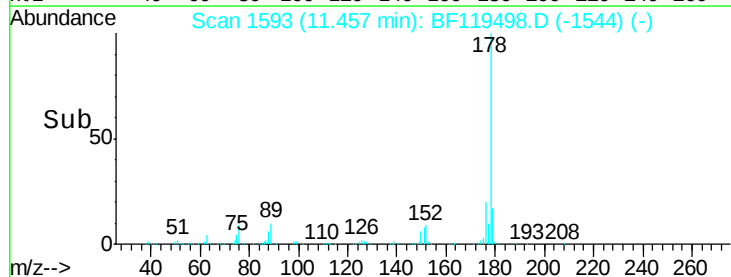
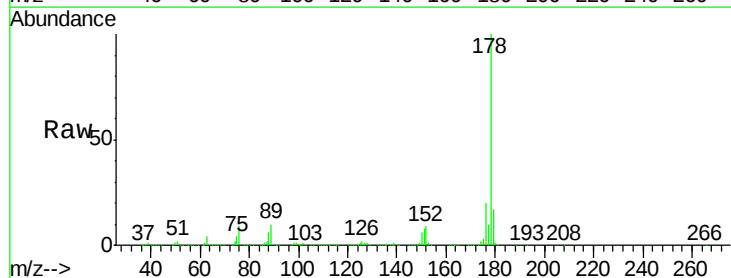
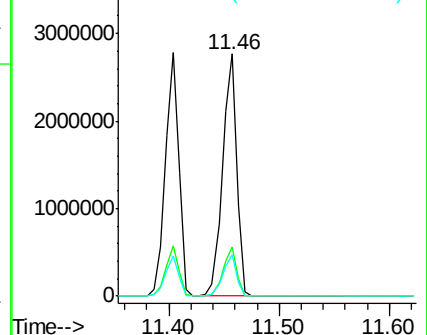
176 20.3 15.6 23.4

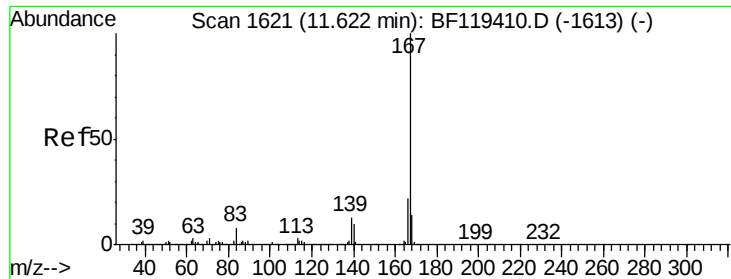
179 16.9 13.1 19.7

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





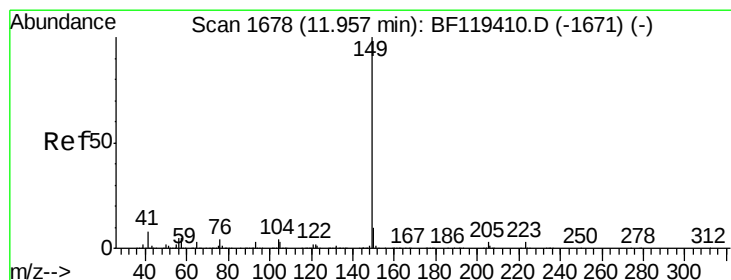
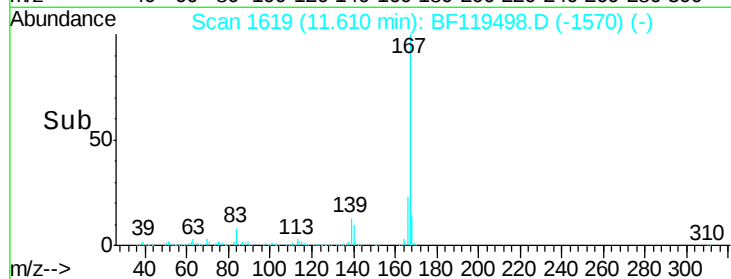
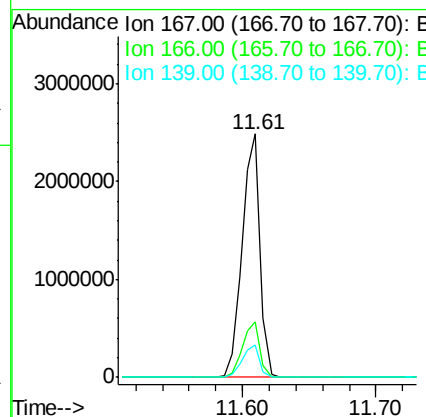
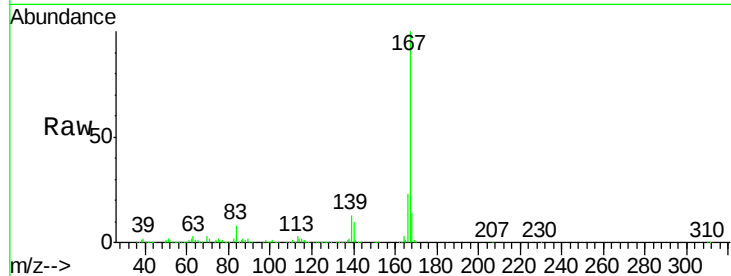
#73
 Carbazole
 Concen: 37.109 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.8	26.6
139	13.3	10.2	15.4

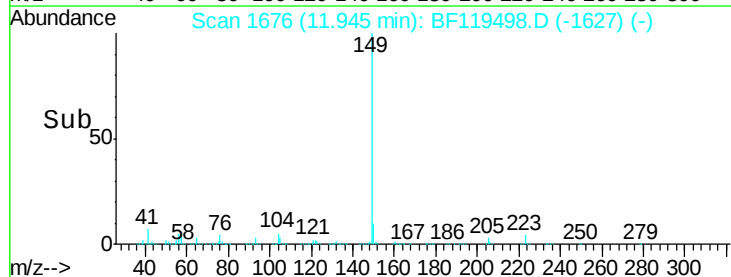
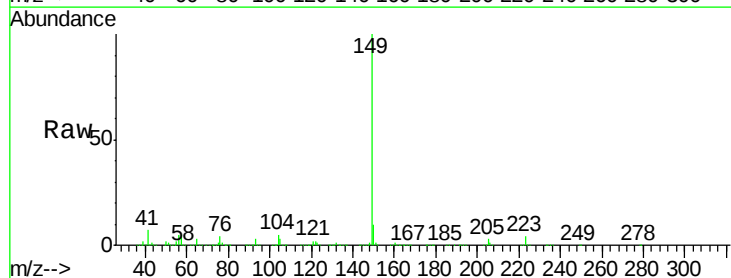
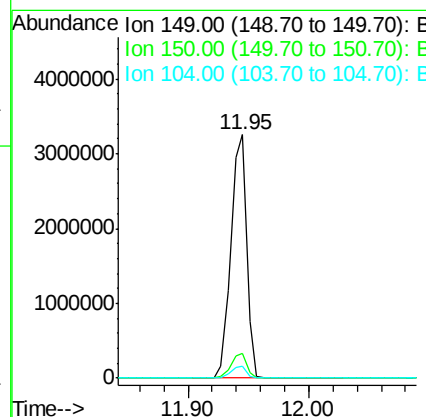
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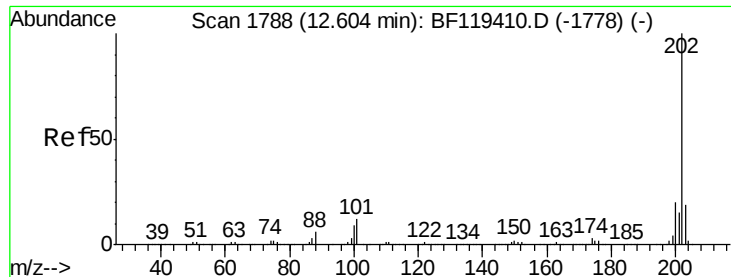
mohammad
 3/25/2020 12:29:49 PM



#74
 Di-n-butylphthalate
 Concen: 44.013 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.6	11.4
104	4.7	3.5	5.3





#75

Fluoranthene

Concen: 38.959 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

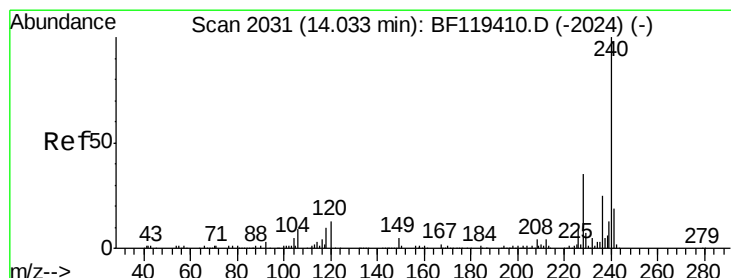
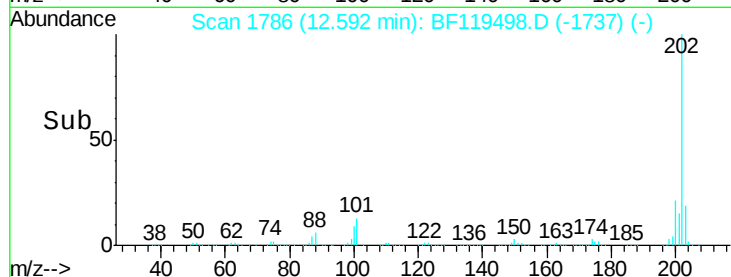
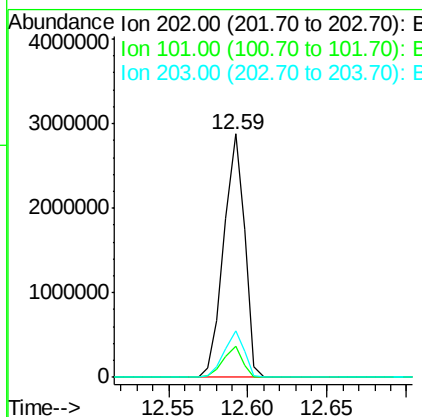
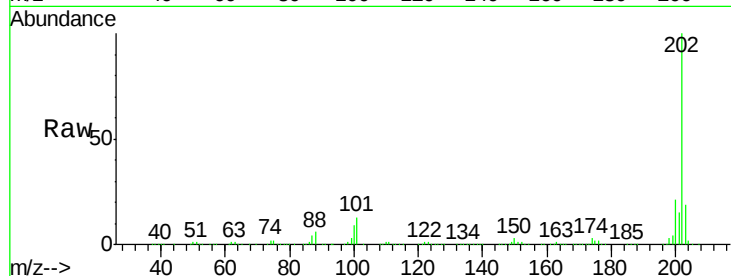
ClientSampleId :

PB127762BS

Tot Ion:	202	Resp:	2617227
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	32.4
203	19.0	0.0	38.5

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#76

Chrysene-d12

Concen: 20.000 ng

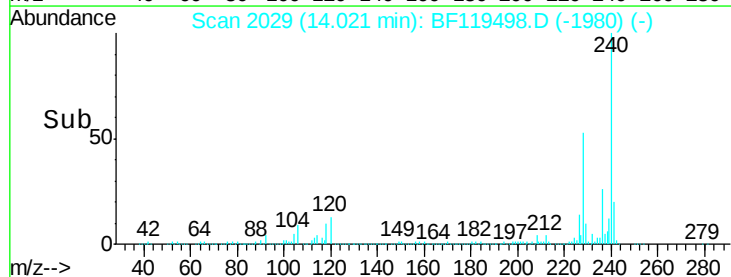
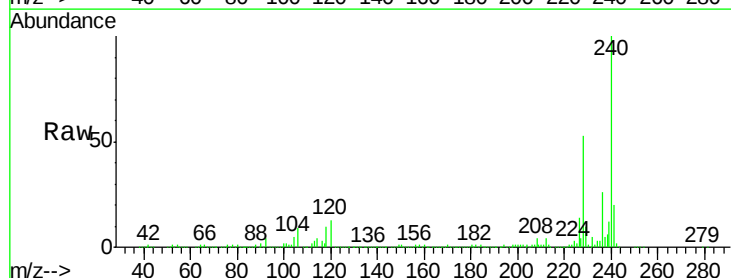
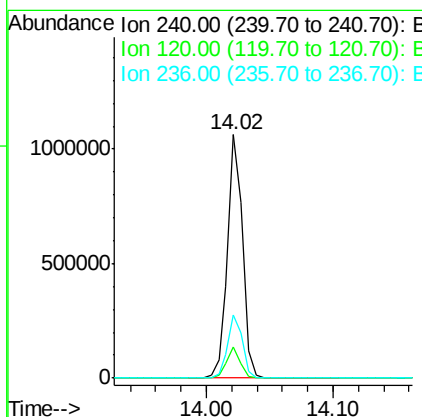
RT: 14.02 min Scan# 2029

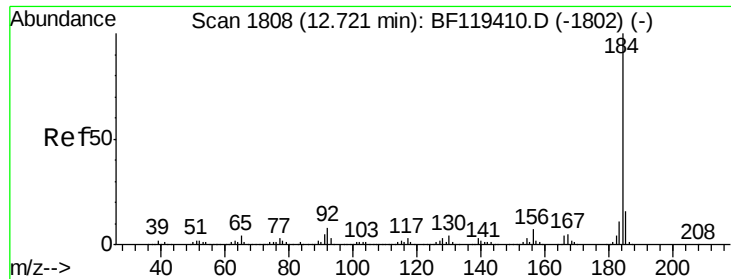
Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Tgt Ion:	240	Resp:	868320
Ion Ratio	Lower	Upper	
240	100		
120	12.8	10.2	15.4
236	25.8	20.4	30.6





#77

Benzidine

Concen: 37.826 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

PB127762BS

Tot Ion:184 Resp: 1390015

Ion Ratio Lower Upper

184 100

185 14.9 12.9 19.3

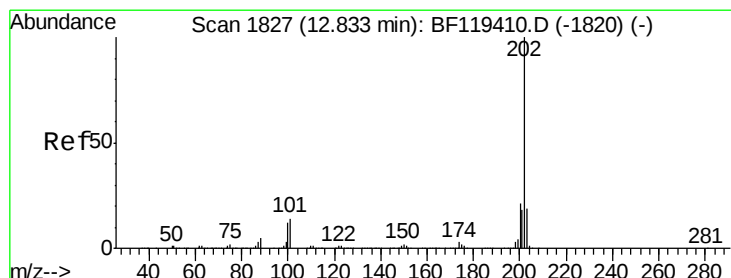
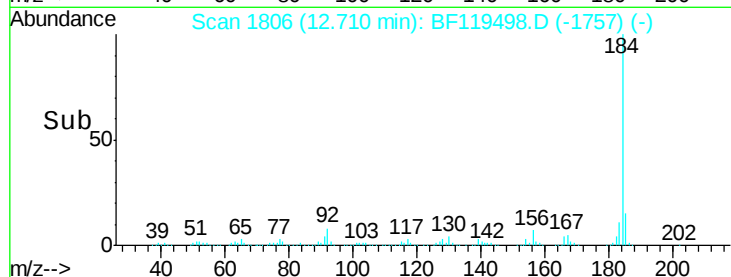
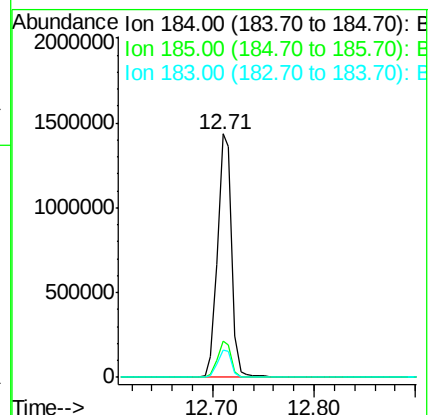
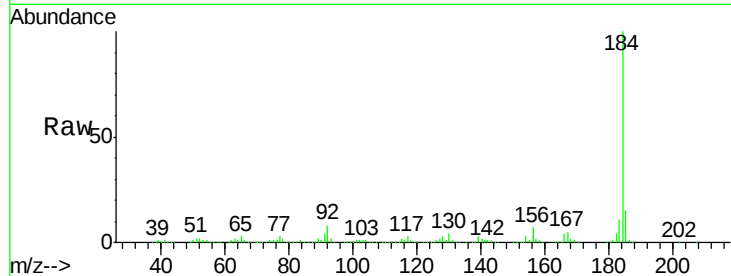
183 11.4 9.0 13.4

Manual Integrations

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#78

Pyrene

Concen: 37.502 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

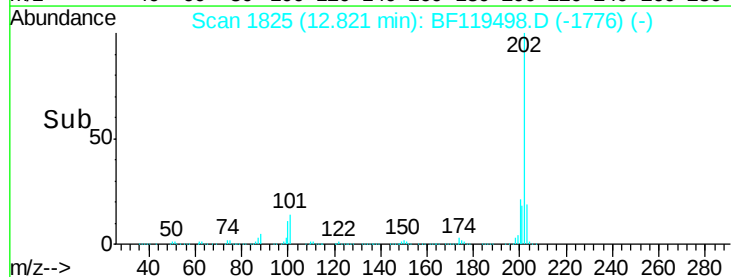
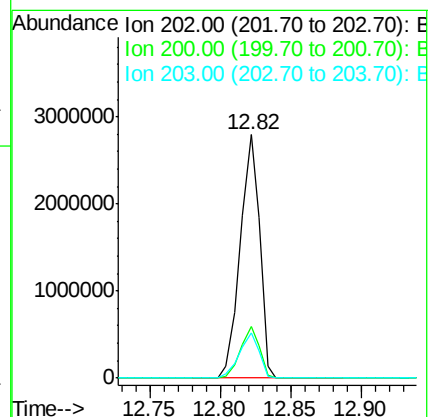
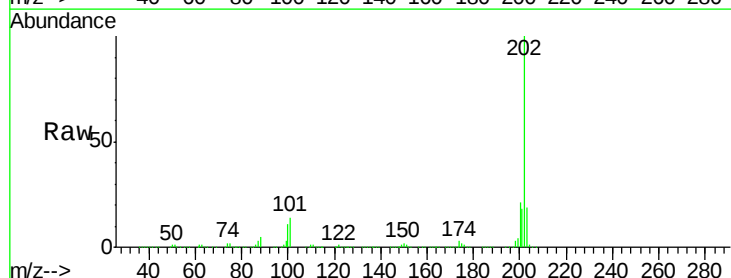
Tgt Ion:202 Resp: 2672472

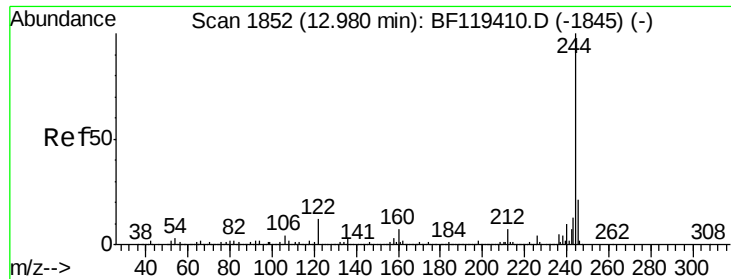
Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

203 18.8 14.8 22.2





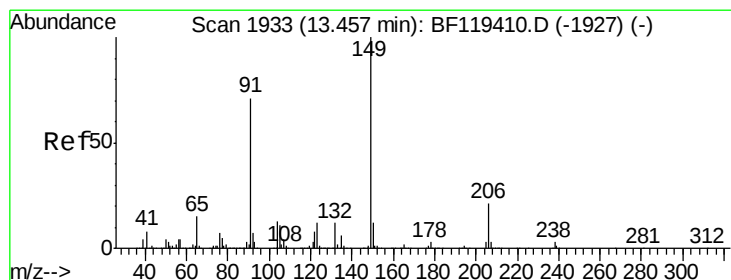
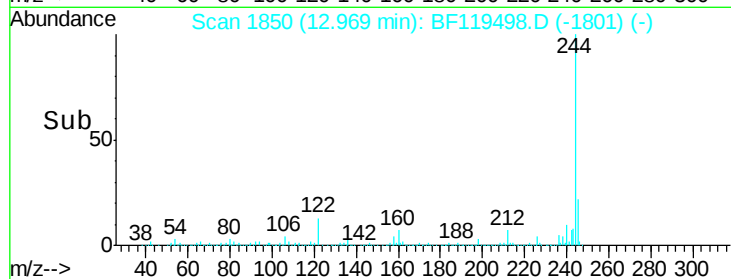
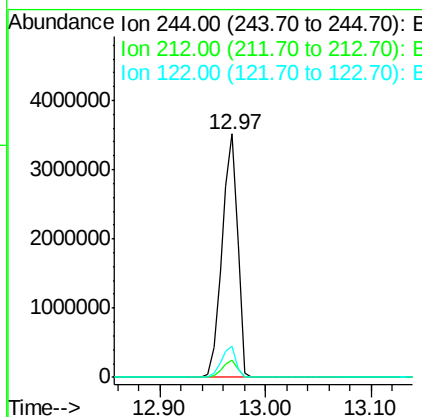
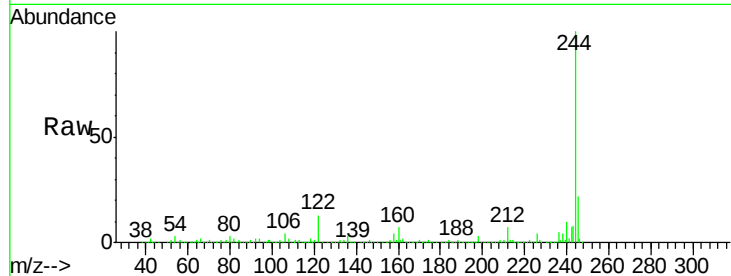
#79
 Terphenyl-d14
 Concen: 81.951 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Tot Ion:244 Resp: 3632056
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 13.0 9.8 14.8

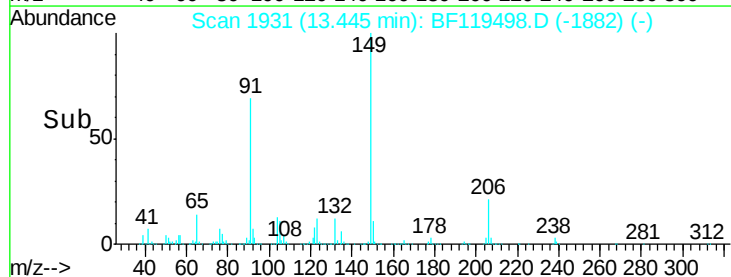
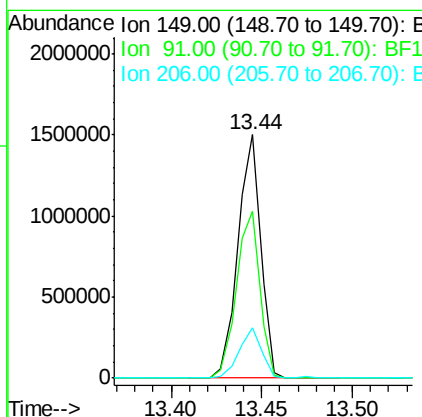
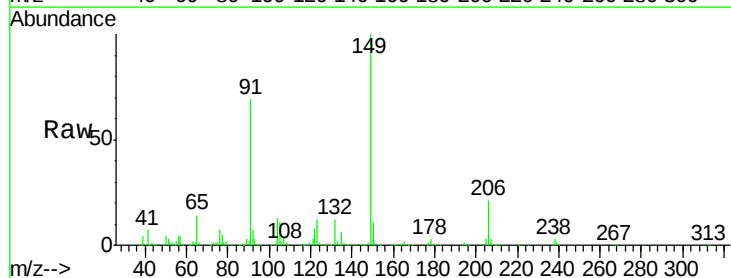
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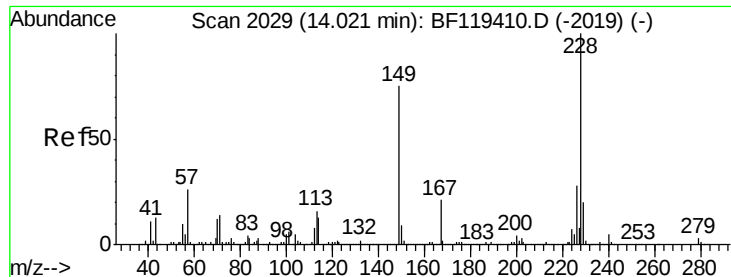
mohammad
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#80
 Butylbenzylphthalate
 Concen: 45.634 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

Tgt Ion:149 Resp: 1315278
 Ion Ratio Lower Upper
 149 100
 91 68.7 57.0 85.6
 206 20.8 16.4 24.6





#81

Benzo(a)anthracene

Concen: 37.229 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

PB127762BS

Tot Ion:228 Resp: 2102134

Ion Ratio Lower Upper

228 100

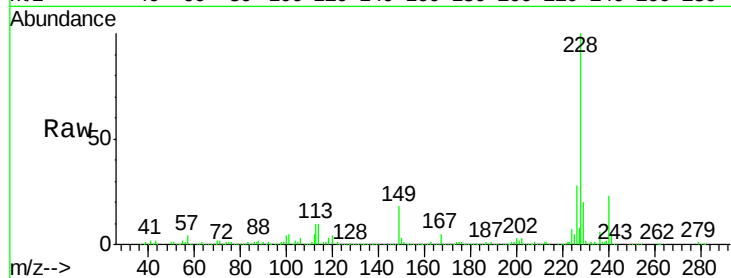
226 28.0 22.3 33.5

229 20.2 16.3 24.5

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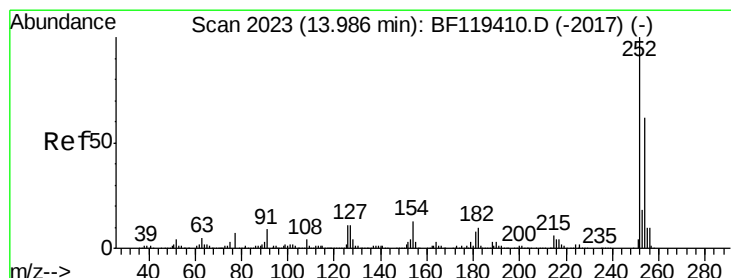
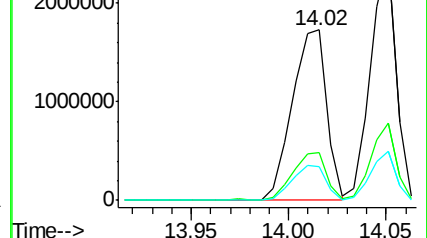
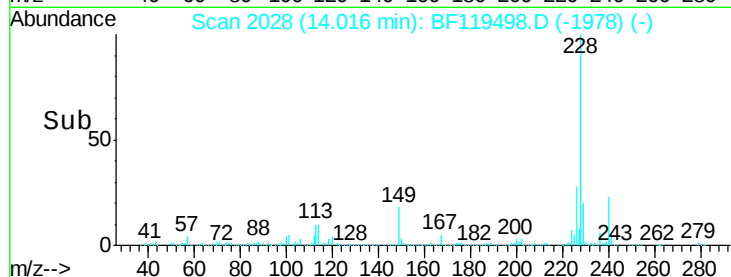
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.604 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

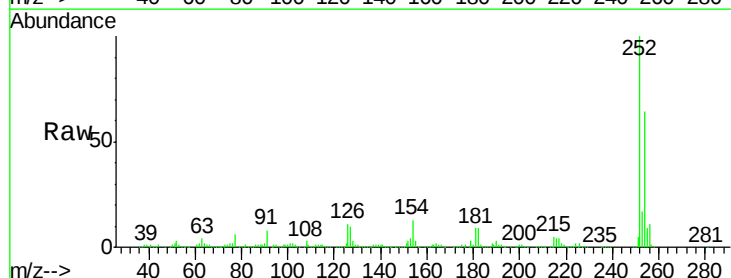
Tgt Ion:252 Resp: 592301

Ion Ratio Lower Upper

252 100

254 64.4 49.8 74.8

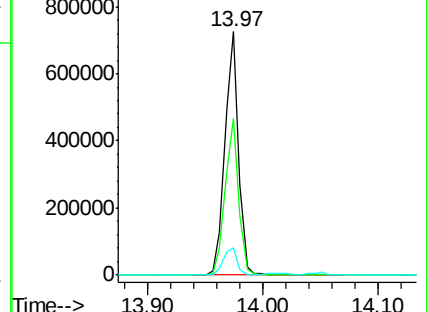
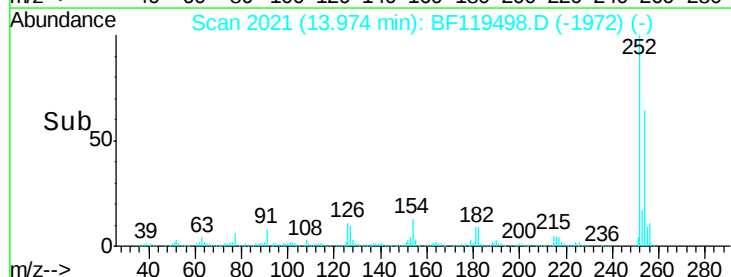
126 11.1 8.9 13.3

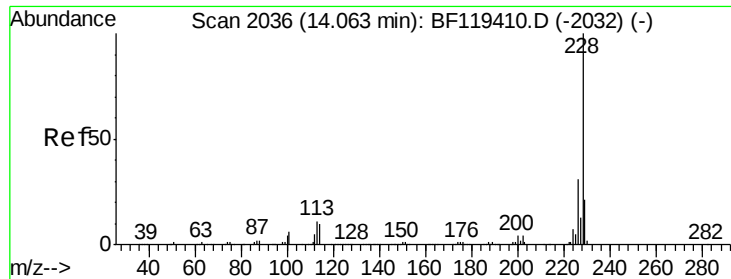


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





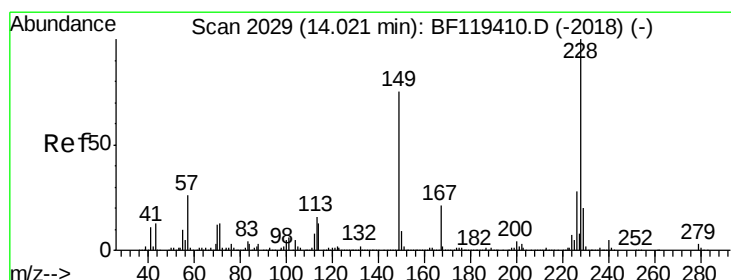
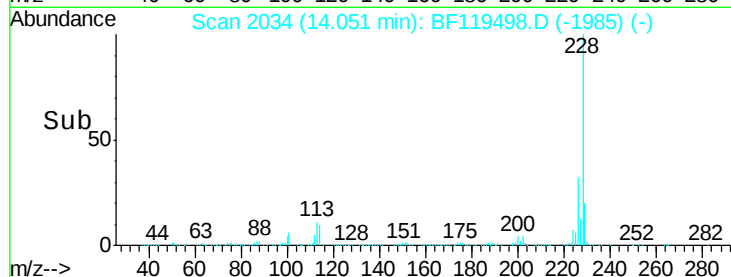
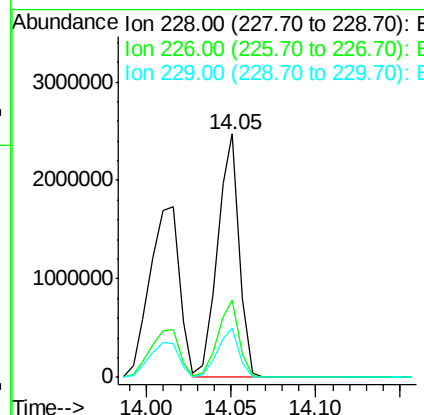
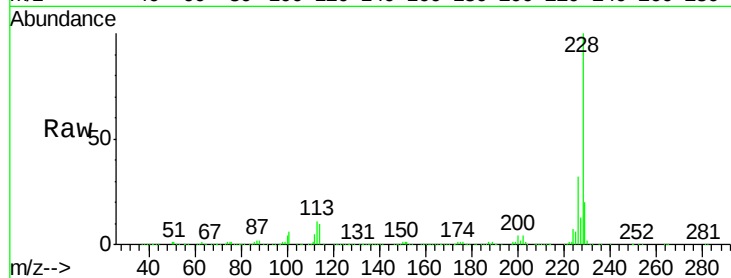
#83
Chrysene
Concen: 37.862 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion:228 Resp: 2206396
Ion Ratio Lower Upper
228 100
226 31.6 24.8 37.2
229 20.4 16.6 25.0

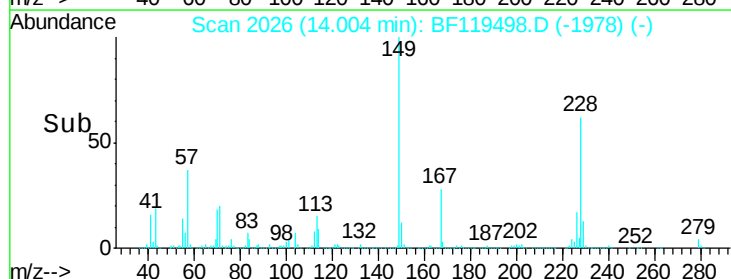
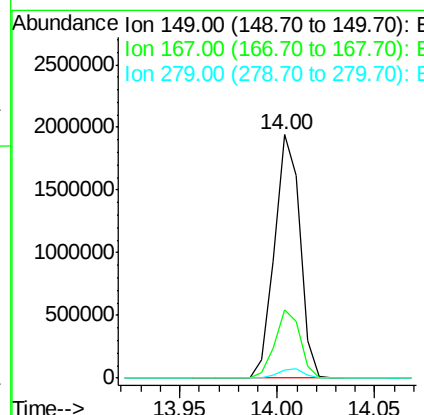
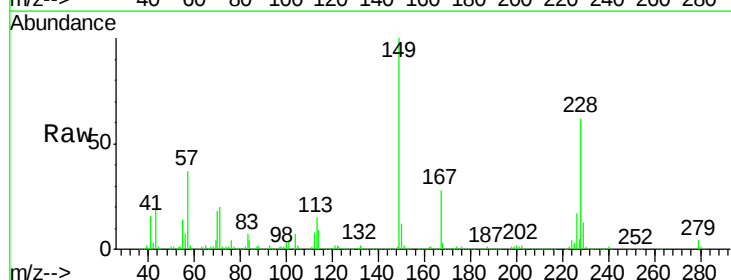
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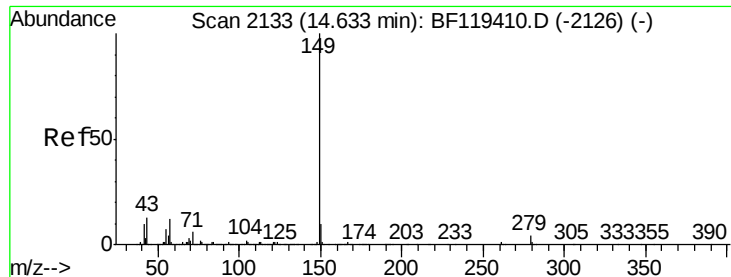
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 51.119 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion:149 Resp: 1756381
Ion Ratio Lower Upper
149 100
167 27.8 22.0 33.0
279 3.6 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 51.250 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

PB127762BS

Tot Ion:149 Resp: 3096871

Ion Ratio Lower Upper

149 100

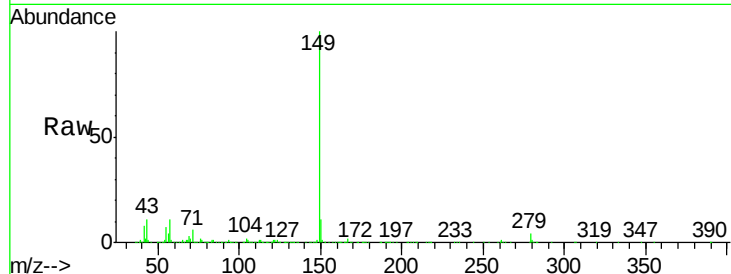
167 1.6 1.1 1.7

43 11.8 10.1 15.1

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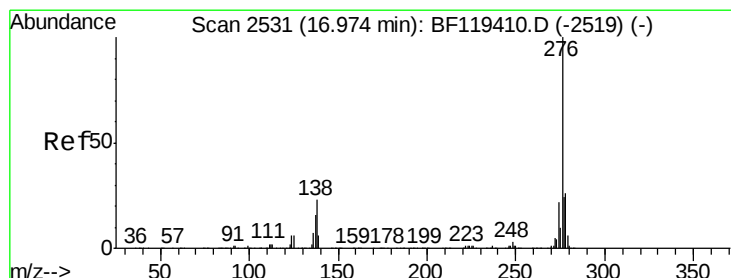
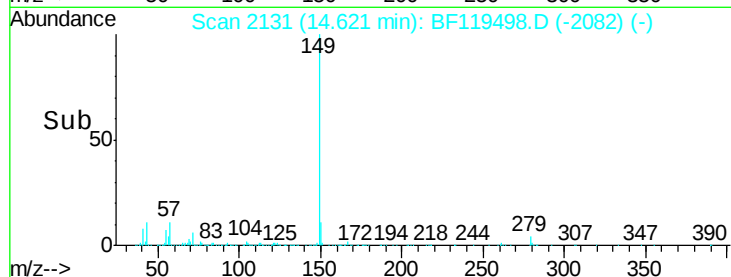
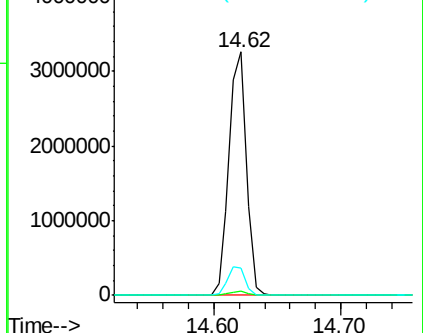
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.217 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.02 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

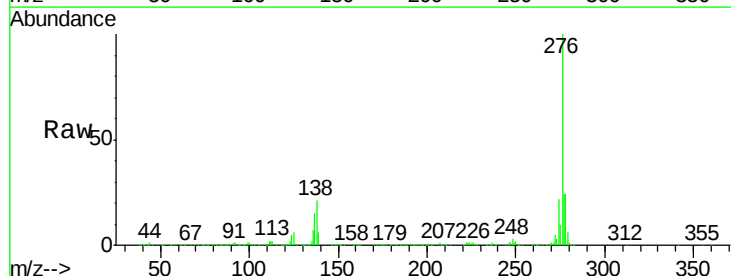
Tgt Ion:276 Resp: 1932803

Ion Ratio Lower Upper

276 100

138 24.5 21.3 31.9

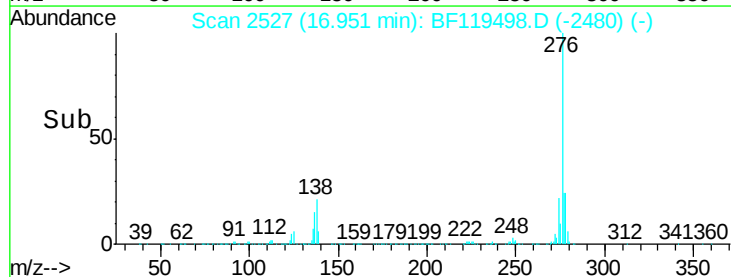
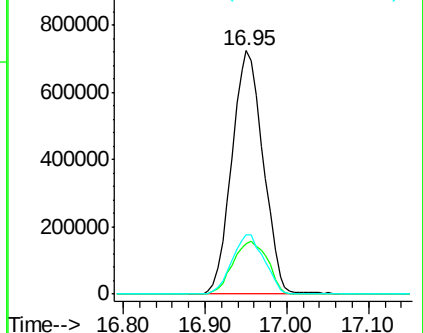
277 25.2 20.2 30.2

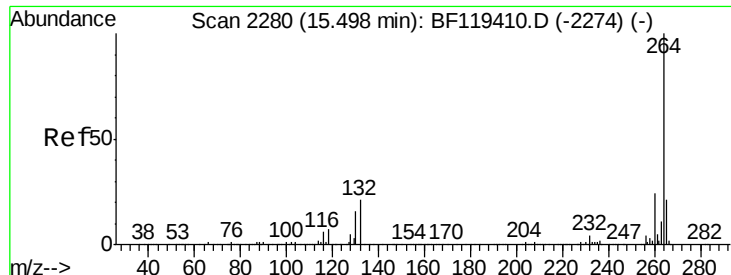


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





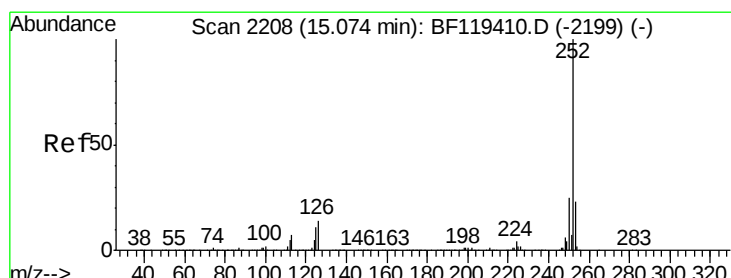
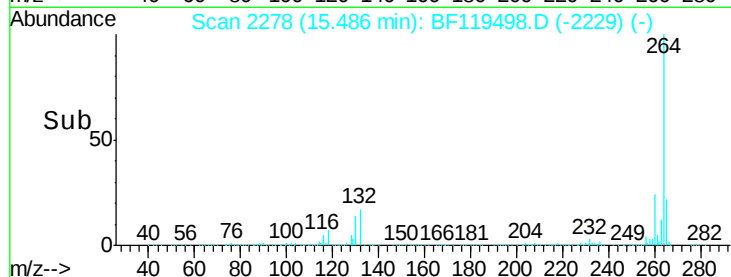
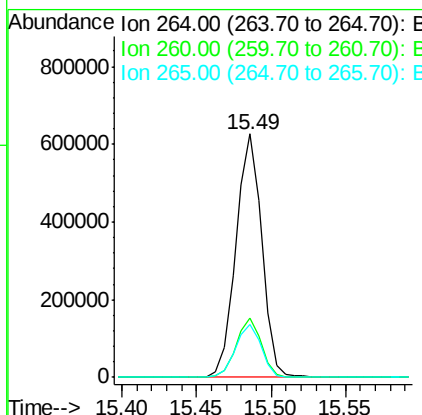
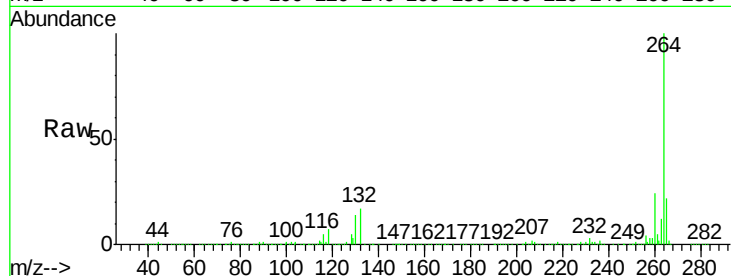
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.6	16.9	25.3

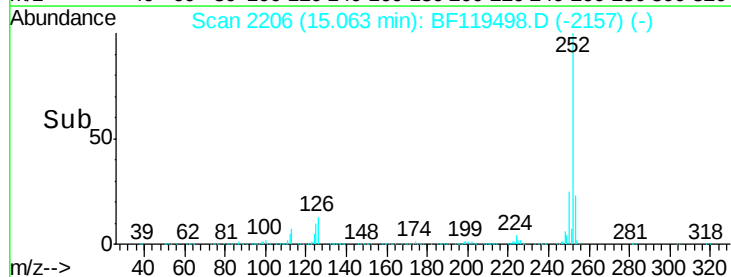
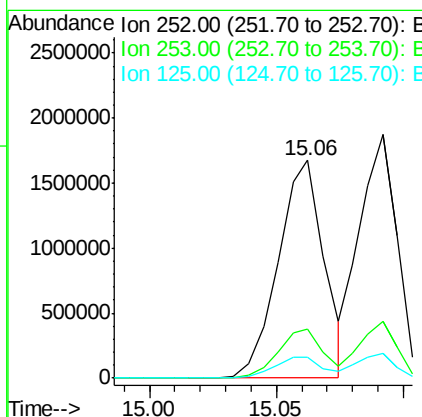
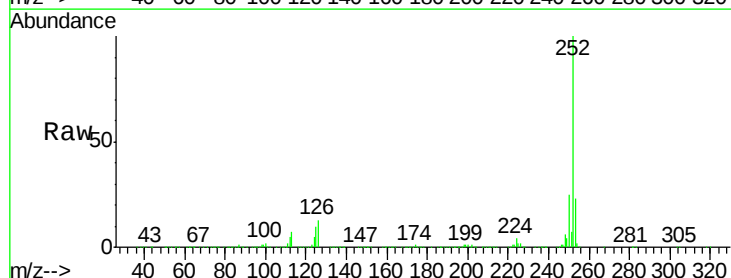
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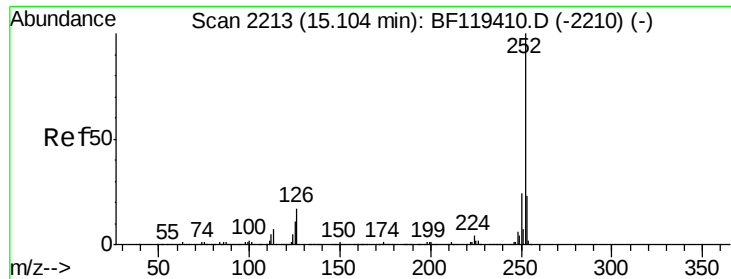
mohammad
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#88
Benzo(b)fluoranthene
Concen: 41.680 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	9.8	8.8	13.2





#89

Benzo(k)fluoranthene

Concen: 40.634 ng

RT: 15.09 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

PB127762BS

Tot Ion:252 Resp: 1958048

Ion Ratio Lower Upper

252 100

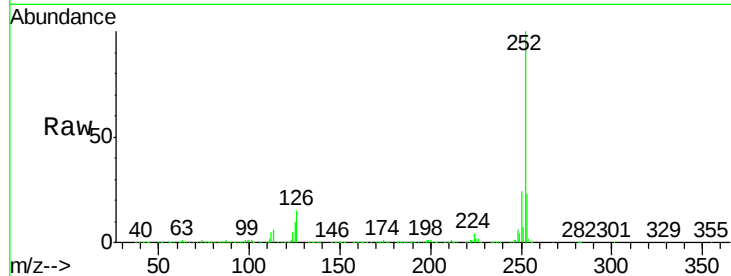
253 23.0 18.2 27.4

125 10.1 9.0 13.4

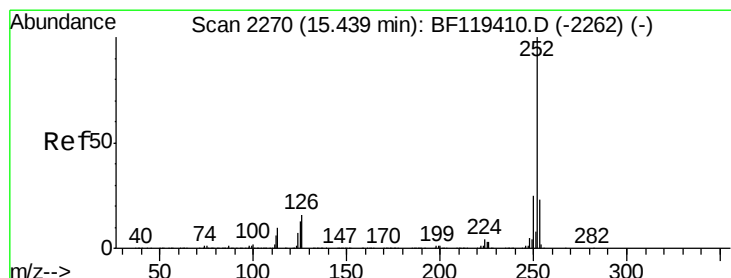
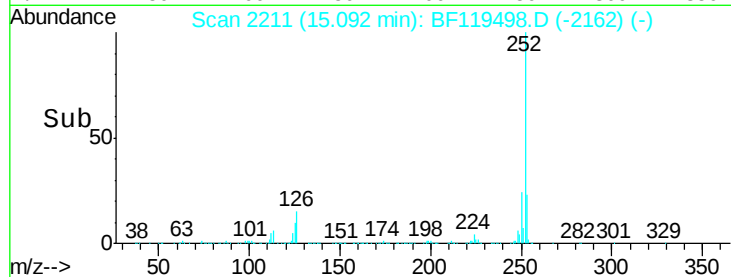
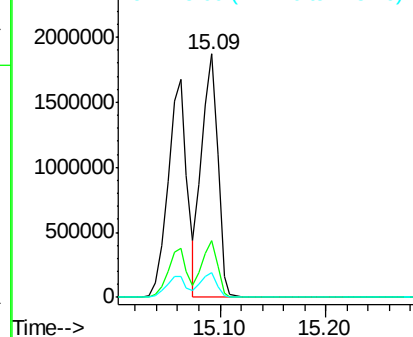
Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.729 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

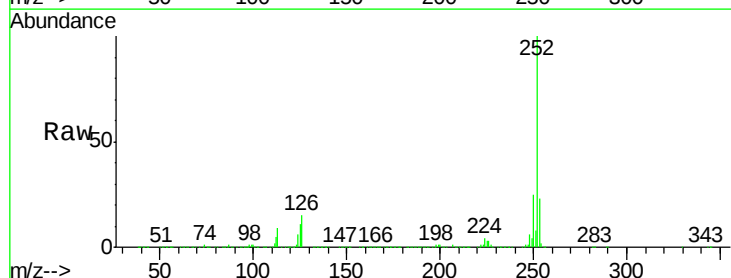
Tgt Ion:252 Resp: 1781165

Ion Ratio Lower Upper

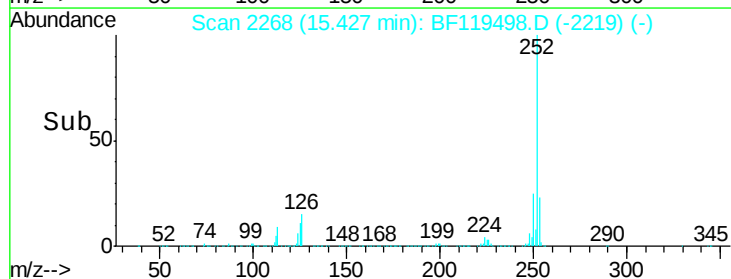
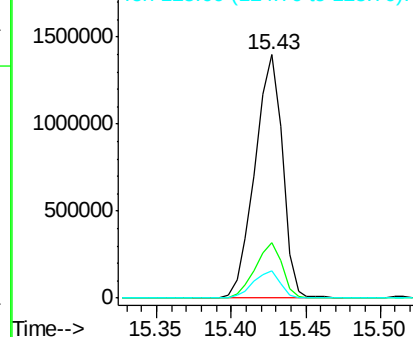
252 100

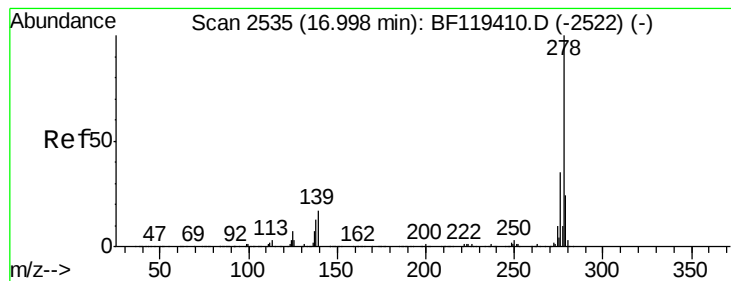
253 22.8 18.2 27.4

125 11.3 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.225 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.02 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

PB127762BS

Tot Ion:278 Resp: 1618097

Ion Ratio Lower Upper

278 100

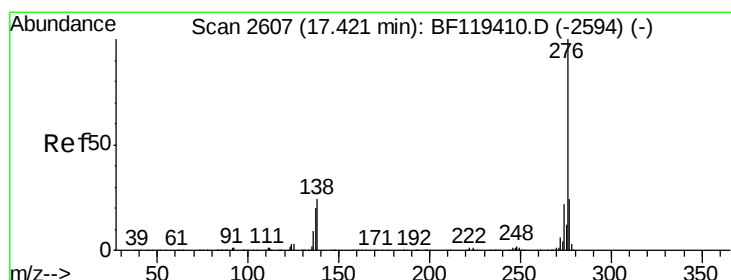
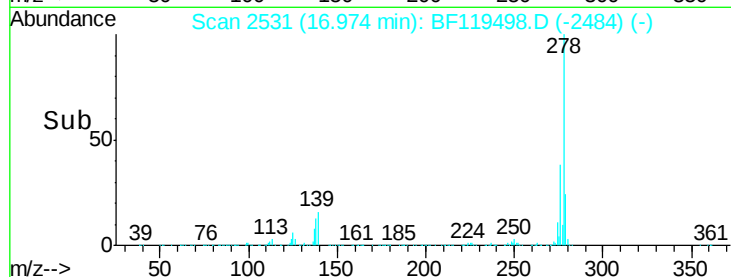
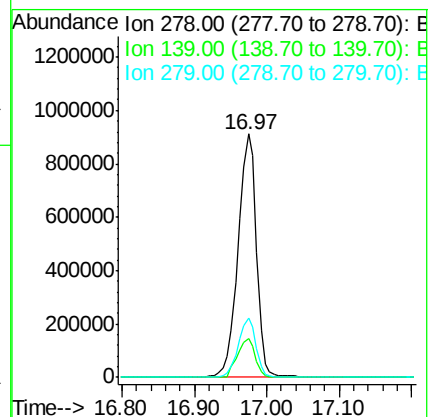
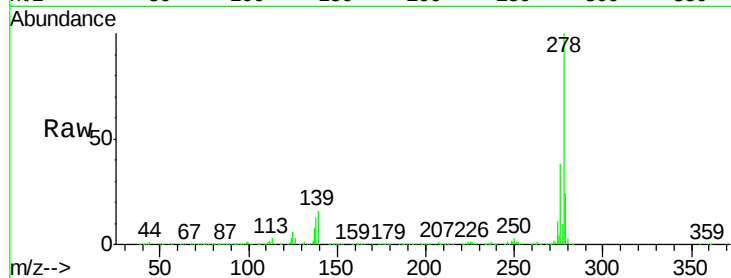
139 16.2 13.7 20.5

279 24.2 19.2 28.8

Manual Integrations
APPROVED

mohammad

3/25/2020 12:29:49 PM



#92

Benzo(g,h,i)perylene

Concen: 39.731 ng

RT: 17.40 min Scan# 2603

Delta R.T. -0.02 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Tgt Ion:276 Resp: 1605645

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 21.1 19.1 28.7

