

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
 Data File : BF119503.D
 Acq On : 25 Mar 2020 13:52
 Operator : CG/JU
 Sample : PB127731BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

Manual Integrations
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mohammad
 3/27/2020 8:11:56 AM

Quant Time: Mar 25 14:26:44 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 25 14:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	310532	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1219983	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	639648	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1239878	20.00	ng	0.00
76) Chrysene-d12	14.02	240	927764	20.00	ng	0.00
87) Perylene-d12	15.49	264	857025	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2368073	121.40	ng	0.02
7) Phenol-d6	6.47	99	3064014	122.96	ng	0.00
23) Nitrobenzene-d5	7.41	82	1936765	86.28	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	919924	139.40	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	3666910	84.93	ng	0.00
79) Terphenyl-d14	12.97	244	4251217	89.78	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.68	88	340385	35.331	ng	98
3) Pyridine	3.42	79	951957	35.866	ng	98
4) n-Nitrosodimethylamine	3.38	42	525258	40.581	ng	98
6) Aniline	6.50	93	1151587	33.485	ng	99
8) 2-Chlorophenol	6.63	128	1020339	49.802	ng	99
9) Benzaldehyde	6.39	77	636503	40.265	ng	98
10) Phenol	6.49	94	1257716	47.302	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	952961	44.813	ng	99
12) 1,3-Dichlorobenzene	6.79	146	1006036	45.370	ng	98
13) 1,4-Dichlorobenzene	6.86	146	1019318	45.958	ng	99
14) 1,2-Dichlorobenzene	7.02	146	955595	46.094	ng	99
15) Benzyl Alcohol	6.99	79	846132	45.141	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1842571	42.956	ng	98
17) 2-Methylphenol	7.10	107	817049	43.526	ng	98
18) Hexachloroethane	7.36	117	387415	47.664	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	701970	46.736	ng	95
20) 3+4-Methylphenols	7.25	107	985902	42.855	ng	# 82
22) Acetophenone	7.26	105	1298387	44.540	ng	96
24) Nitrobenzene	7.43	77	1047283	43.656	ng	98
25) Isophorone	7.67	82	1974157	43.354	ng	99
26) 2-Nitrophenol	7.75	139	531164	56.234	ng	97
27) 2,4-Dimethylphenol	7.78	122	908207	46.500	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1243549	46.183	ng	99
29) 2,4-Dichlorophenol	7.99	162	835513	46.557	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	891790	44.934	ng	98
31) Naphthalene	8.15	128	2805228	44.682	ng	99
32) Benzoic acid	7.91	122	718895	57.221	ng	99
33) 4-Chloroaniline	8.20	127	605359	21.043	ng	98
34) Hexachlorobutadiene	8.27	225	513830	46.273	ng	98
35) Caprolactam	8.57	113	274703m	46.772	ng	
36) 4-Chloro-3-methylphenol	8.68	107	928613	47.344	ng	96
37) 2-Methylnaphthalene	8.85	142	1932058	46.891	ng	99
38) 1-Methylnaphthalene	8.95	142	1817366	46.600	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	822213	43.855	ng	99

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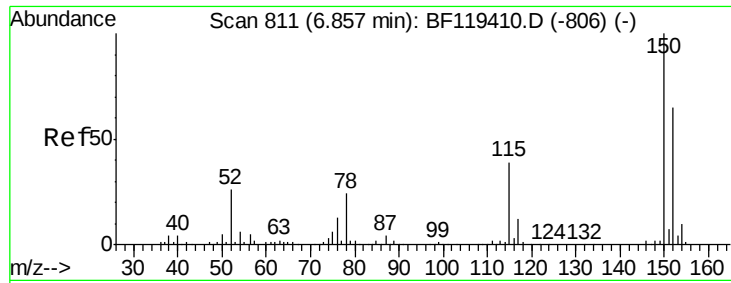
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	1041093	97.674	nq	97
43) 2,4,6-Trichlorophenol	9.12	196	638783	47.610	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	646798	43.034	nq	98
46) 1,1'-Biphenyl	9.31	154	2311693	44.373	nq	100
47) 2-Chloronaphthalene	9.34	162	1794455	43.974	nq	97
48) 2-Nitroaniline	9.43	65	676318	48.016	nq	97
49) Acenaphthylene	9.76	152	2811191	43.868	nq	99
50) Dimethylphthalate	9.62	163	2113089	46.508	nq	99
51) 2,6-Dinitrotoluene	9.67	165	481631	49.456	nq	92
52) Acenaphthene	9.93	154	2002116	50.116	nq	99
53) 3-Nitroaniline	9.84	138	333006	27.085	nq	100
54) 2,4-Dinitrophenol	9.95	184	530531	121.727	nq	87
55) Dibenzofuran	10.10	168	2563400	44.754	nq	98
56) 4-Nitrophenol	10.00	139	861442	88.817	nq	88
57) 2,4-Dinitrotoluene	10.08	165	647756	52.800	nq	97
58) Fluorene	10.44	166	1941414	45.835	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	569494	50.690	nq	99
60) Diethylphthalate	10.32	149	2214325	48.019	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	959894	46.343	nq	99
62) 4-Nitroaniline	10.46	138	516237	43.786	nq	98
63) Azobenzene	10.59	77	2131083	45.892	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	343789	66.124	nq	92
66) n-Nitrosodiphenylamine	10.55	169	1838719	45.174	nq	98
67) 4-Bromophenyl-phenylether	10.92	248	637806	45.168	nq	97
68) Hexachlorobenzene	10.99	284	686412	47.495	nq	# 90
69) Atrazine	11.08	200	575482	51.572	nq	99
70) Pentachlorophenol	11.19	266	787646	92.948	nq	97
71) Phenanthrene	11.40	178	2838936	44.158	nq	98
72) Anthracene	11.46	178	2922811	44.731	nq	98
73) Carbazole	11.61	167	2756906	42.627	nq	98
74) Di-n-butylphthalate	11.95	149	3471819	50.181	nq	97
75) Fluoranthene	12.59	202	3173536	45.611	nq	99
77) Benzidine	12.71	184	1494618	38.067	nq	97
78) Pyrene	12.82	202	3175398	41.704	nq	99
80) Butylbenzylphthalate	13.45	149	1593132	51.733	nq	99
81) Benzo(a)anthracene	14.02	228	2574320	42.670	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	877939	36.907	nq	96
83) Chrysene	14.05	228	2677089	42.996	nq	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	2115256	57.619	nq	100
85) Di-n-octyl phthalate	14.62	149	3811492	59.035	nq	# 99
86) Indeno(1,2,3-cd)pyrene	16.96	276	2481004	42.309	nq	98
88) Benzo(b)fluoranthene	15.06	252	2647182	46.240	nq	99
89) Benzo(k)fluoranthene	15.10	252	2582544	47.375	nq	98
90) Benzo(a)pyrene	15.43	252	2315354	44.503	nq	98
91) Dibenzo(a,h)anthracene	16.98	278	2035491	44.730	nq	98
92) Benzo(g,h,i)perylene	17.40	276	2005911	43.877	nq	97

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



#1

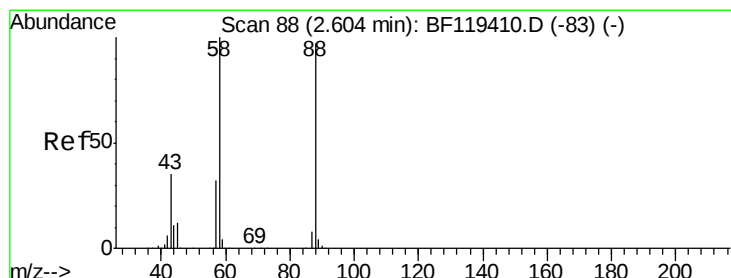
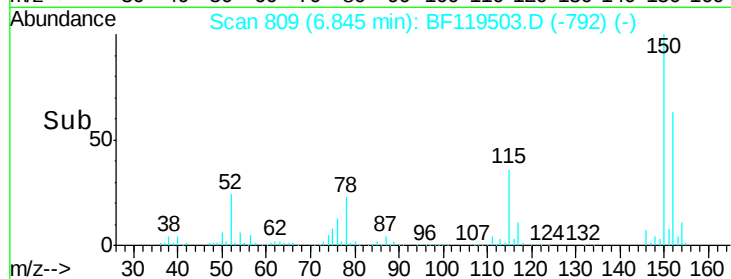
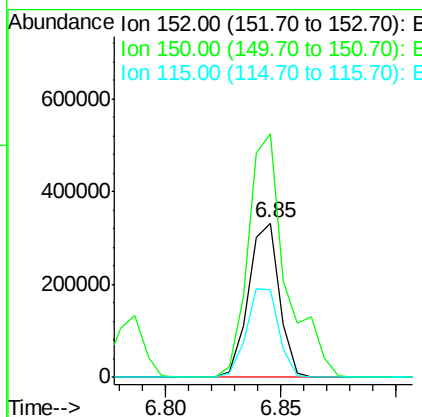
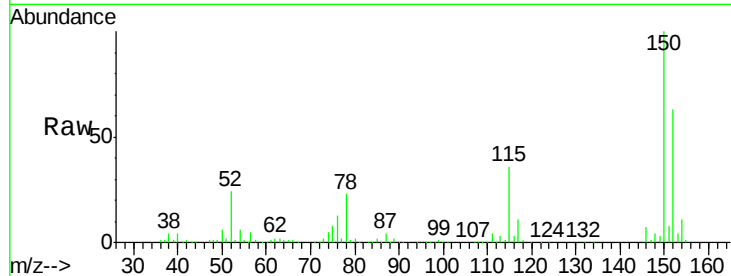
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	123.9	185.9
115	56.5	47.8	71.6

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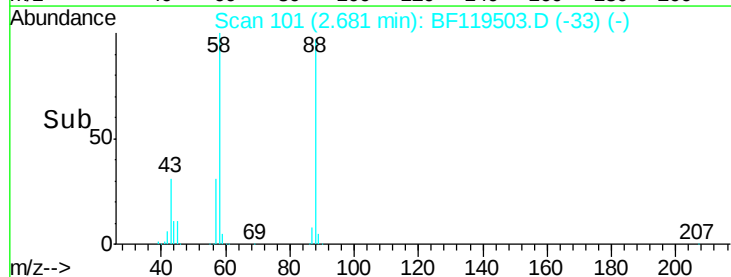
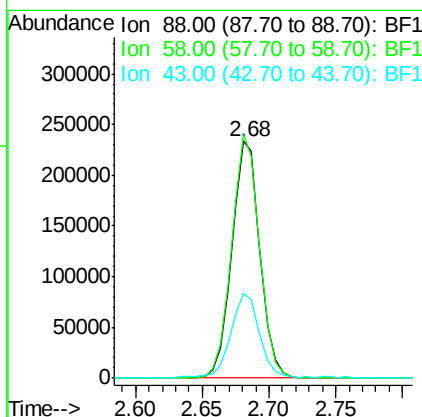
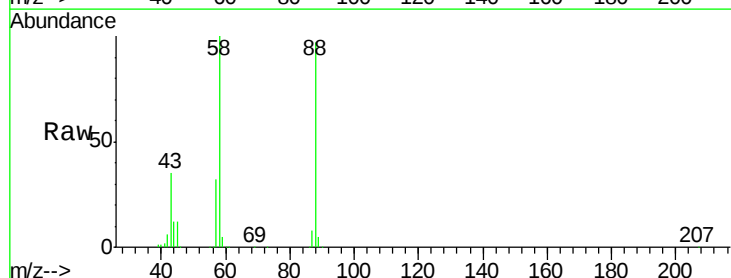
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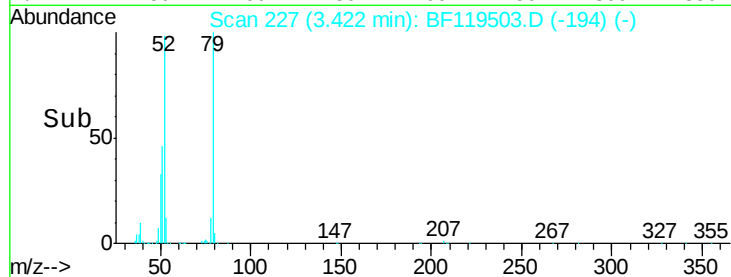
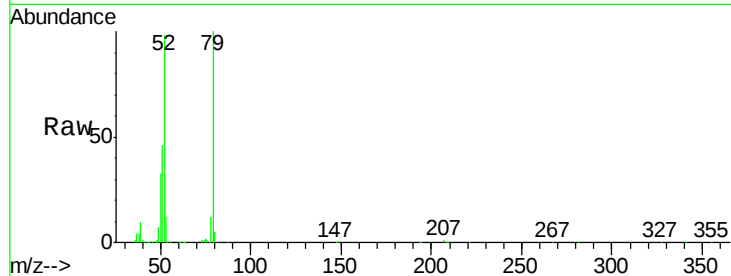
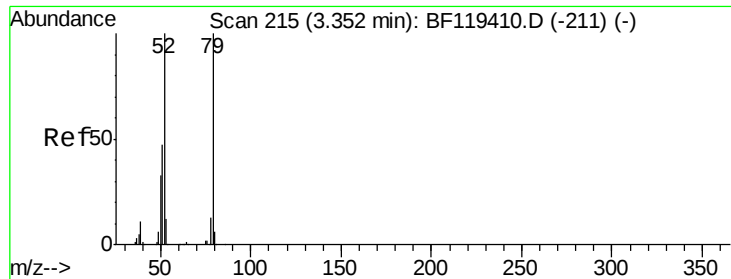


#2

1,4-Dioxane
Concen: 35.331 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.10 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.9	79.4	119.2
43	35.7	28.4	42.6





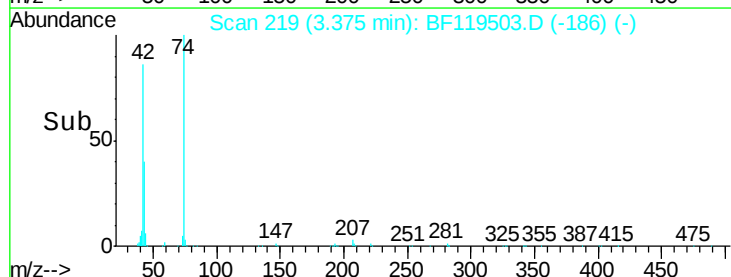
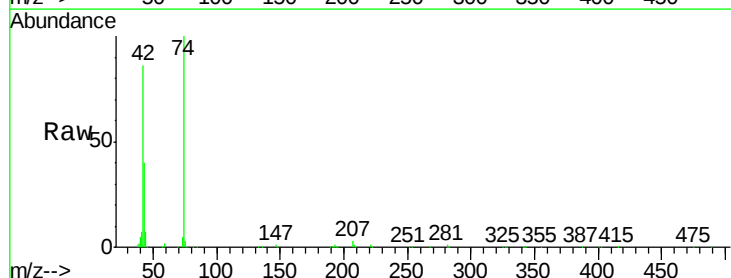
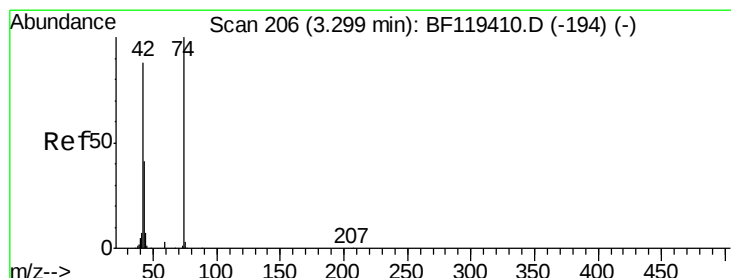
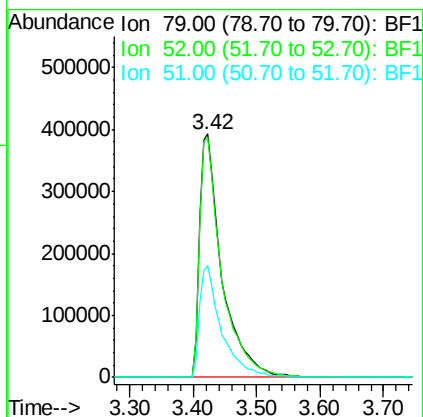
#3
 Pvridine
 Concen: 35.866 ng
 RT: 3.42 min Scan# 227
 Delta R.T. 0.09 min
 Lab File: BF119503.D
 Acq: 25 Mar 2020 13:52

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		951957		
52	98.3	80.0	120.0		
51	45.7	37.9	56.9		

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

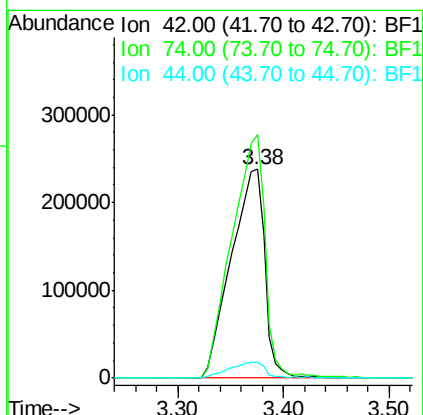
Manual Integrations
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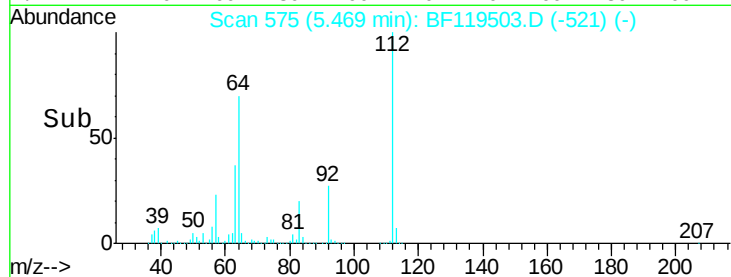
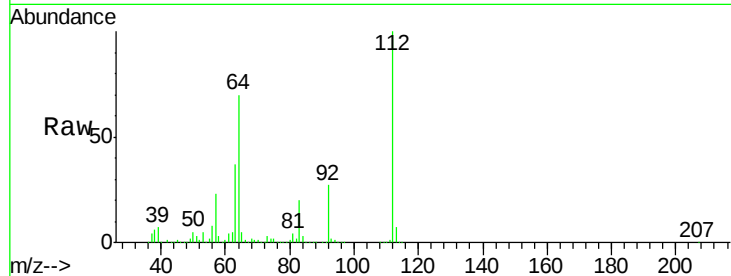
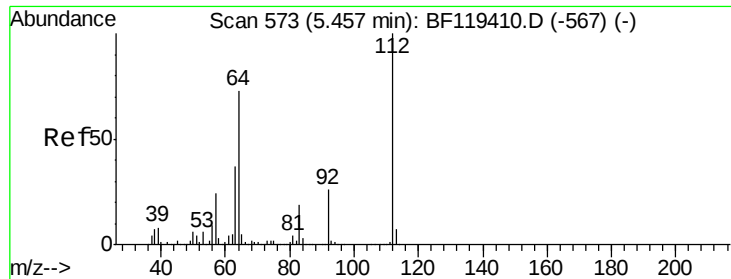
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#4
 n-Nitrosodimethylamine
 Concen: 40.581 ng
 RT: 3.38 min Scan# 219
 Delta R.T. 0.09 min
 Lab File: BF119503.D
 Acq: 25 Mar 2020 13:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		525258		
74	116.7	91.3	136.9		
44	7.7	7.1	10.7		





#5

2-Fluorophenol

Concen: 121.396 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.02 min

Lab File: BF119503.D

Acq: 25 Mar 2020 13:52

Tot Ion:	112	Resp:	2368073
Ion	Ratio	Lower	Upper
112	100		
64	69.6	58.1	87.1
63	36.9	29.7	44.5

Instrument :

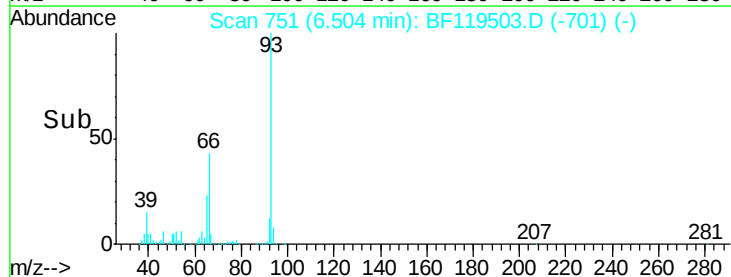
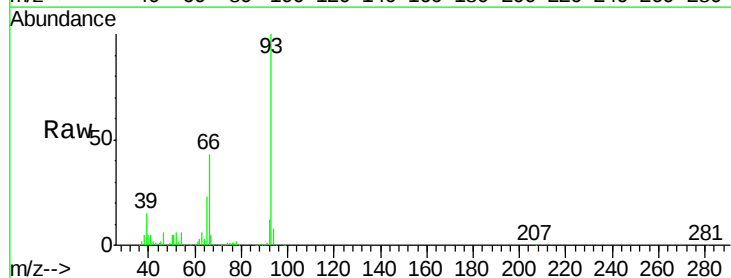
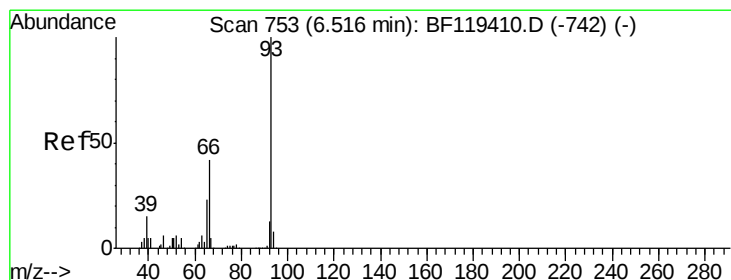
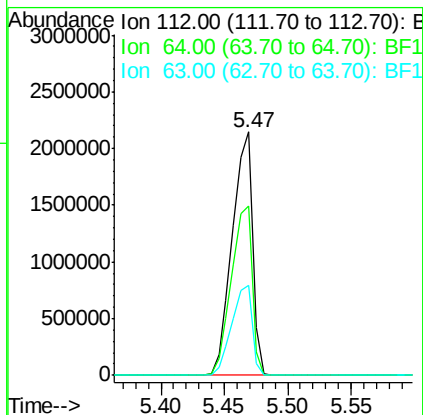
BNA_F

ClientSampleId :

PB127731BS

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#6

Aniline

Concen: 33.485 ng

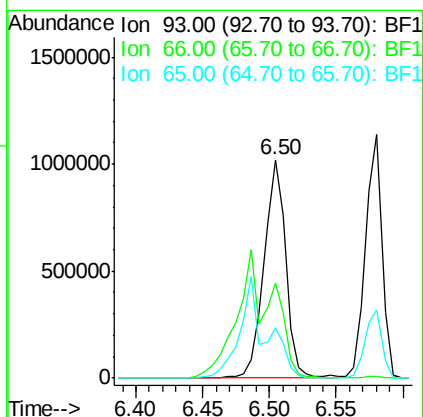
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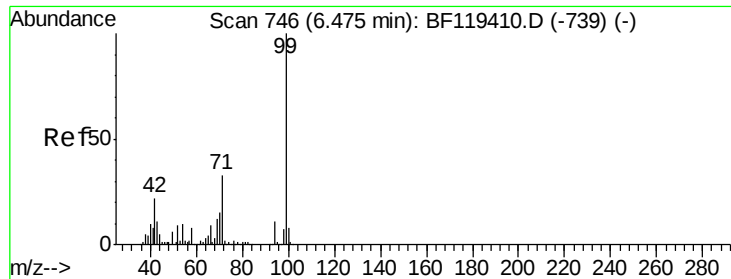
Delta R.T. -0.01 min

Lab File: BF119503.D

Acq: 25 Mar 2020 13:52

Tgt Ion:	93	Resp:	1151587
Ion	Ratio	Lower	Upper
93	100		
66	43.3	34.2	51.4
65	23.1	18.2	27.4





#7

Phenol-d6

Concen: 122.960 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119503.D

Acq: 25 Mar 2020 13:52

Instrument :

BNA_F

ClientSampleId :

PB127731BS

Tot Ion: 99 Resp: 3064014

Ion Ratio Lower Upper

99 100

42 20.9 17.8 26.6

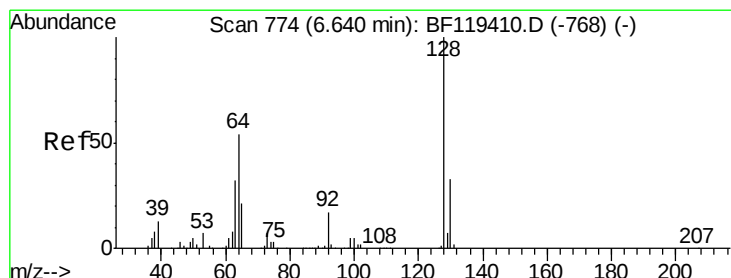
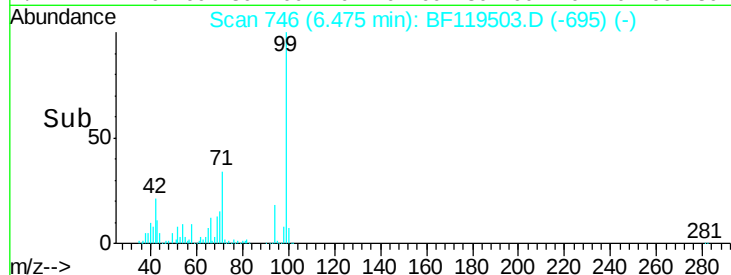
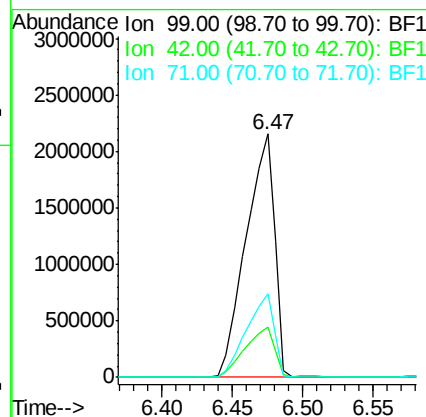
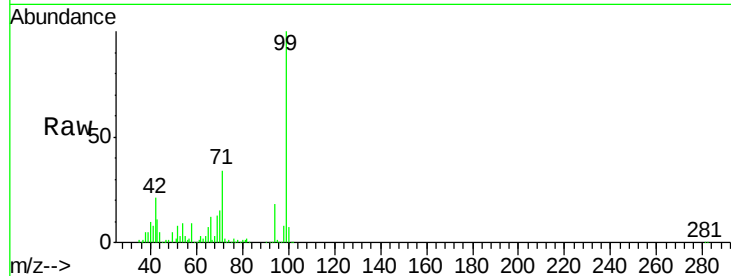
71 34.4 26.0 39.0

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#8

2-Chlorophenol

Concen: 49.802 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF119503.D

Acq: 25 Mar 2020 13:52

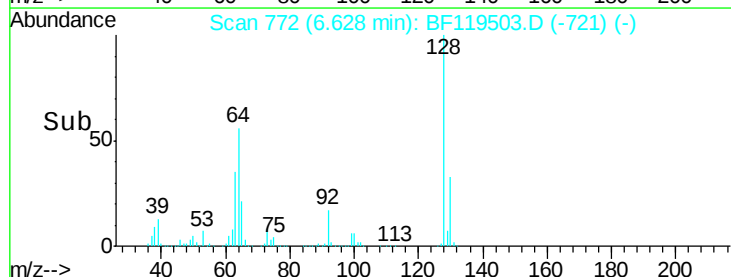
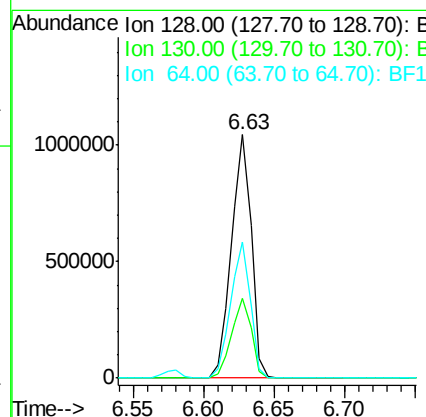
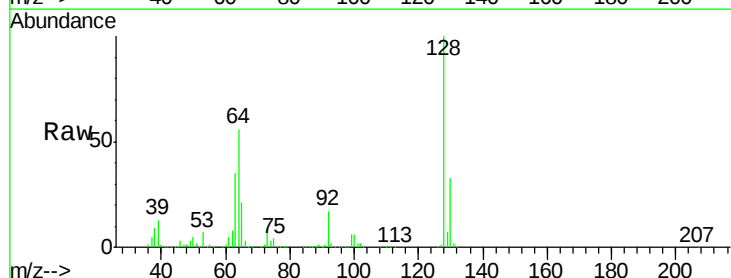
Tgt Ion:128 Resp: 1020339

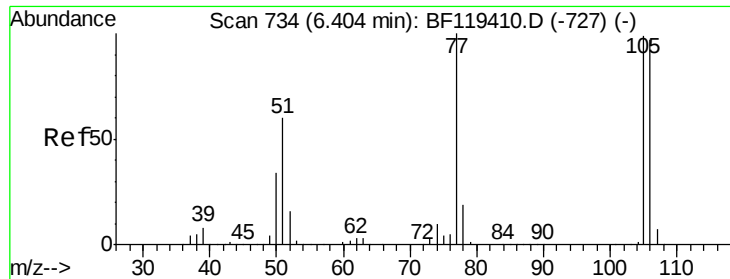
Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

64 55.8 35.1 75.1





#9

Benzaldehyde

Concen: 40.265 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF119503.D

Acq: 25 Mar 2020 13:52

Instrument :

BNA_F

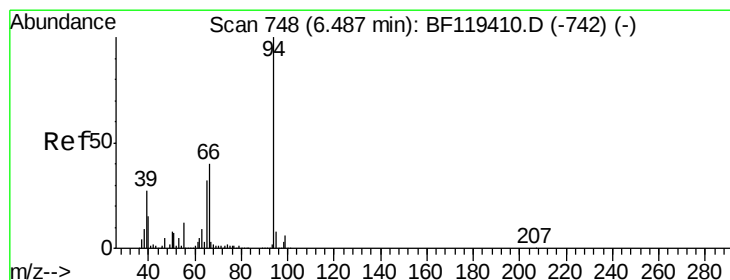
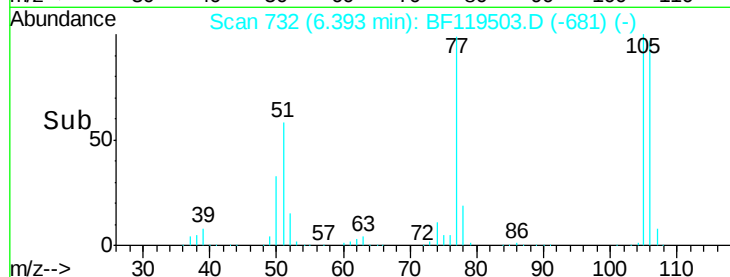
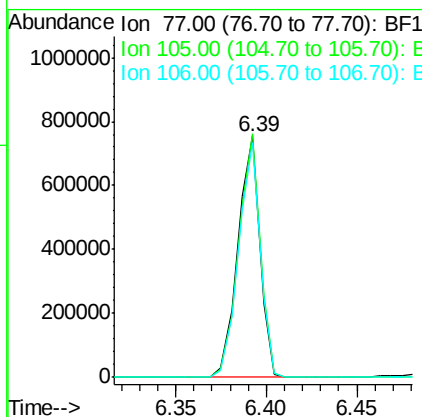
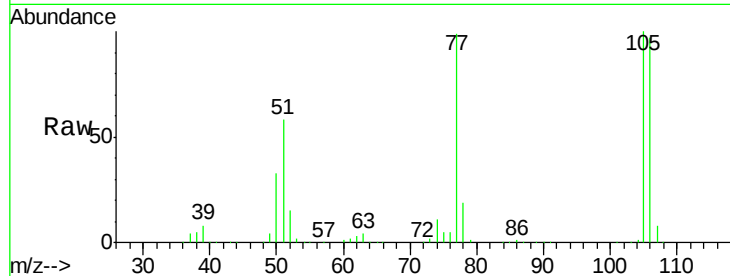
ClientSampleID :

PB127731BS

Tot Ion:	77	Resp:	636503
Ion	Ratio	Lower	Upper
77	100		
105	101.1	78.6	118.6
106	97.7	76.5	116.5

Manual Integrations
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#10

Phenol

Concen: 47.302 ng

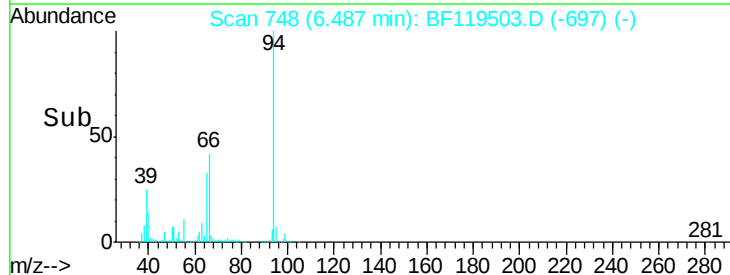
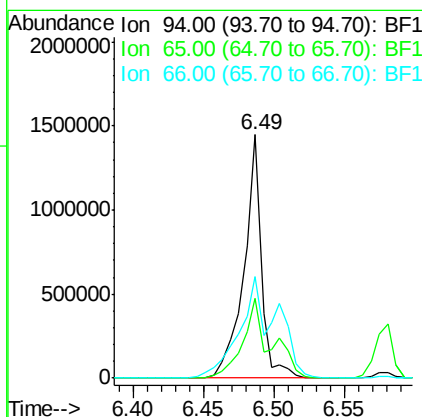
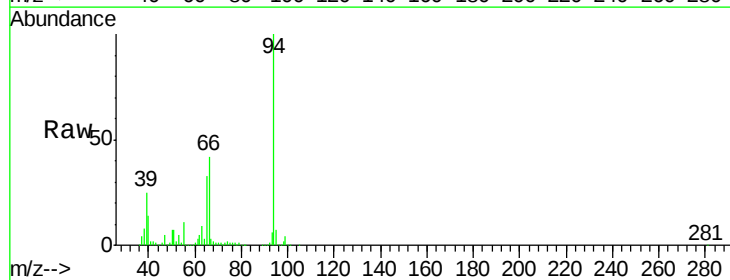
RT: 6.49 min Scan# 748

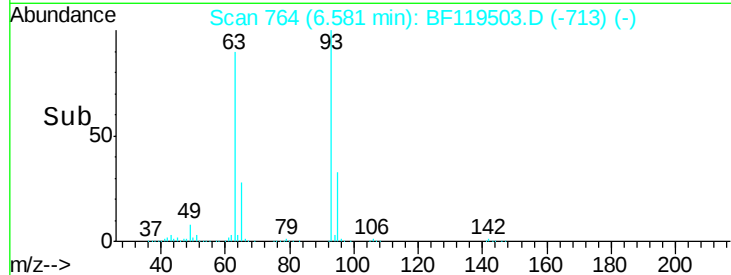
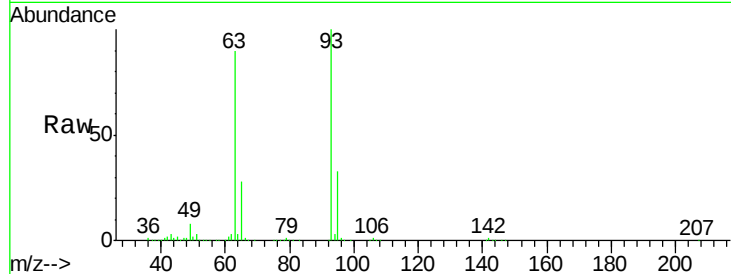
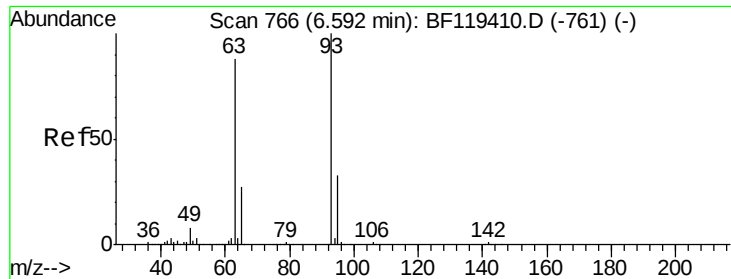
Delta R.T. -0.00 min

Lab File: BF119503.D

Acq: 25 Mar 2020 13:52

Tgt Ion:	94	Resp:	1257716
Ion	Ratio	Lower	Upper
94	100		
65	32.8	12.0	52.0
66	41.6	20.6	60.6





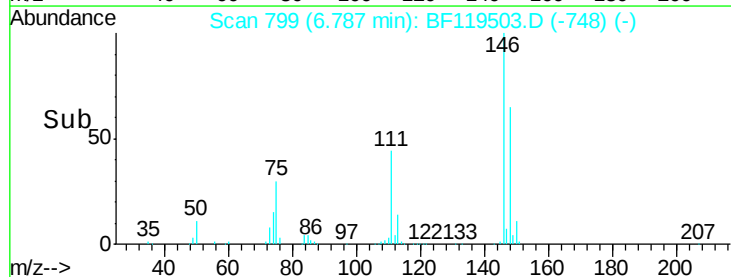
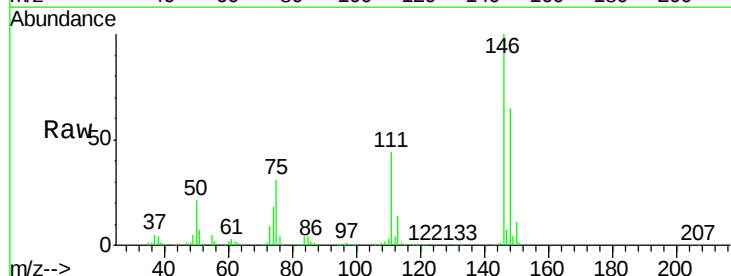
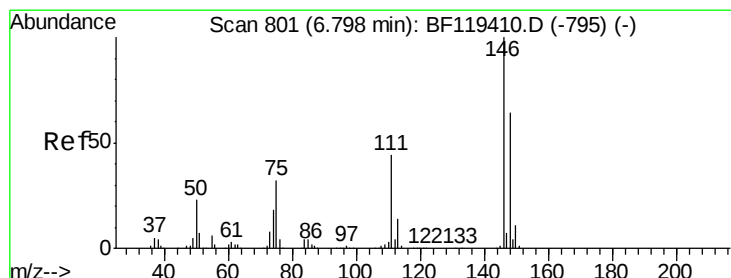
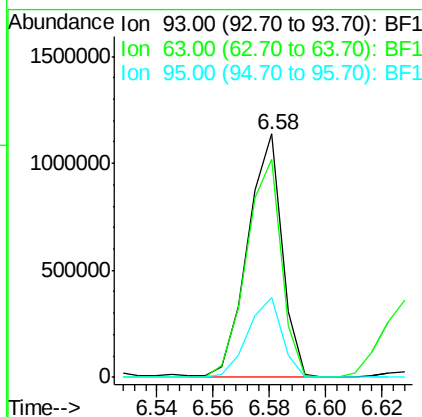
#11
bis(2-Chloroethyl)ether
Concen: 44.813 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Tot Ion	93	Resp	952961
Ion	Ratio	Lower	Upper
93	100		
63	89.6	68.4	108.4
95	32.8	13.4	53.4

Instrument :
BNA_F
ClientSampleId :
PB127731BS

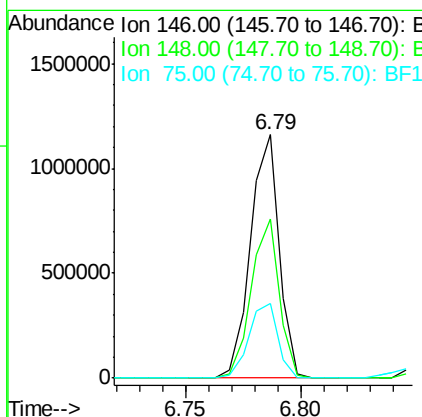
Manual Integrations
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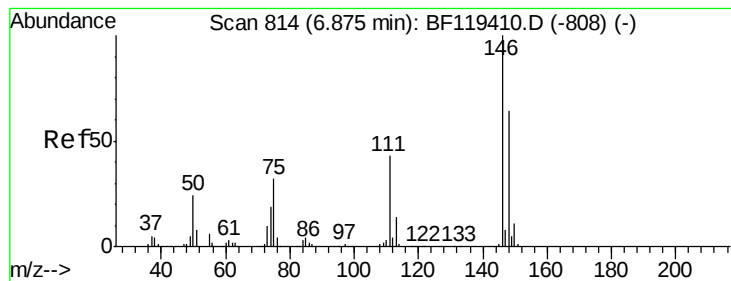
mohammad
3/27/2020 8:11:56 AM



#12
1,3-Dichlorobenzene
Concen: 45.370 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Tgt Ion	146	Resp	1006036
Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.4	77.0
75	30.8	25.8	38.8





#13

1,4-Dichlorobenzene

Concen: 45.958 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF119503.D

Acq: 25 Mar 2020 13:52

Instrument :

BNA_F

ClientSampleId :

PB127731BS

Tot Ion:146 Resp: 1019318

Ion Ratio Lower Upper

146 100

148 65.0 50.9 76.3

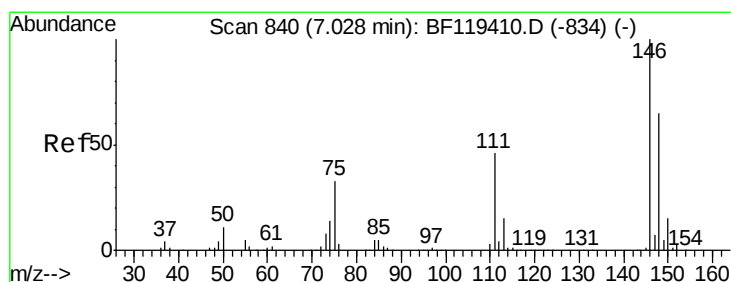
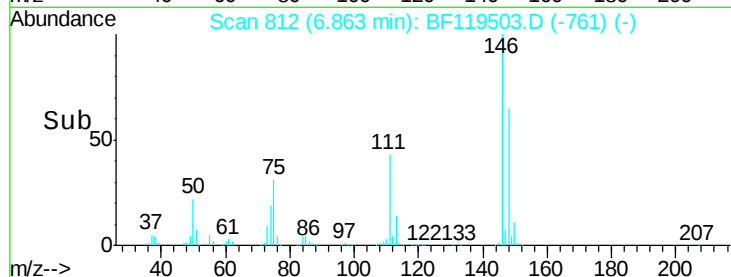
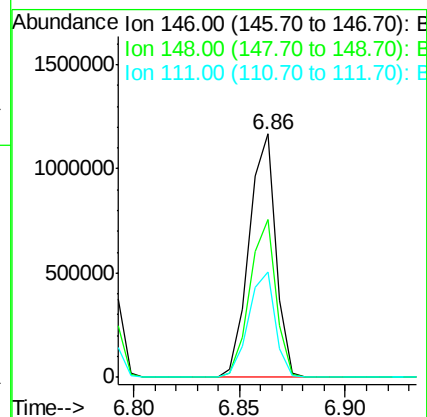
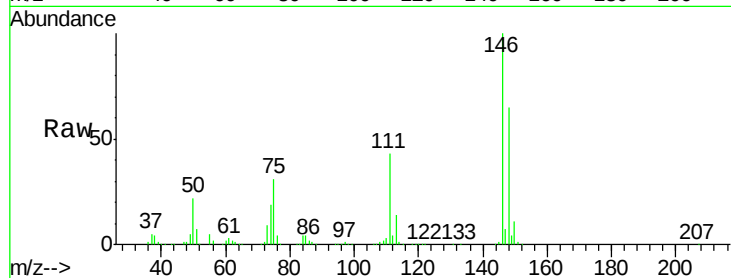
111 43.2 34.6 52.0

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#14

1,2-Dichlorobenzene

Concen: 46.094 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF119503.D

Acq: 25 Mar 2020 13:52

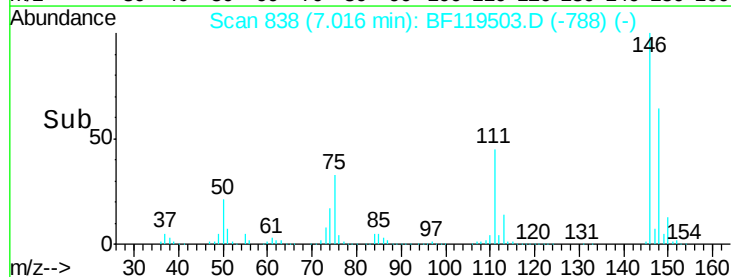
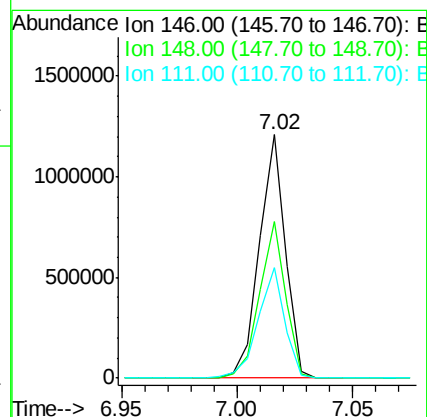
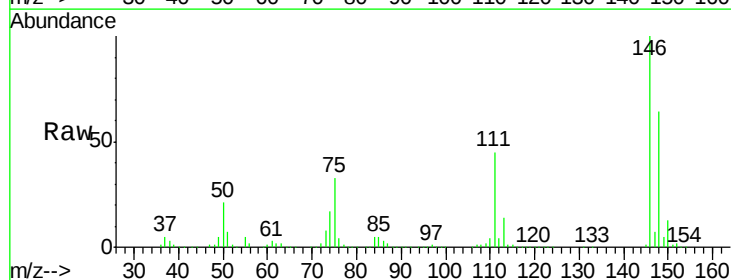
Tgt Ion:146 Resp: 955595

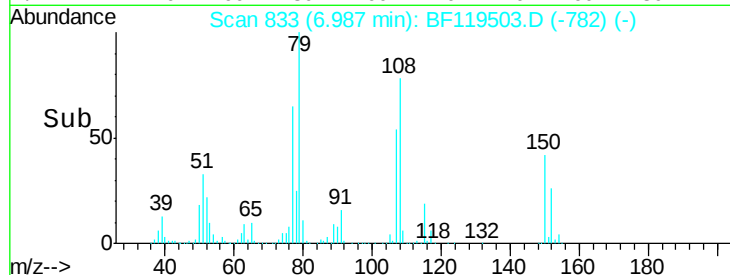
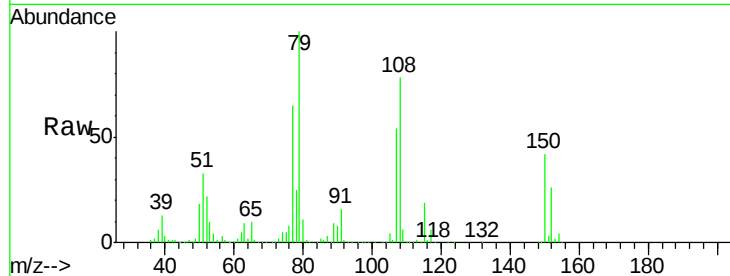
Ion Ratio Lower Upper

146 100

148 64.1 51.7 77.5

111 45.3 36.4 54.6





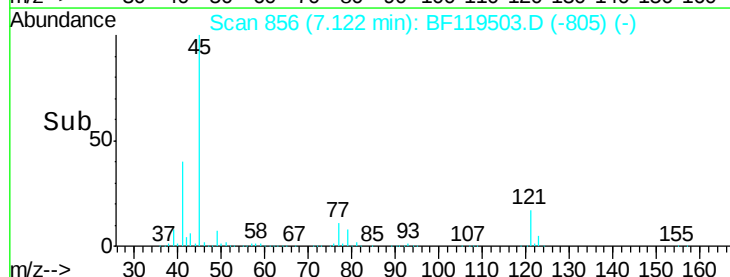
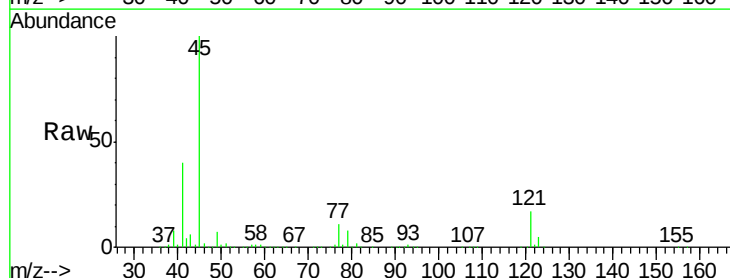
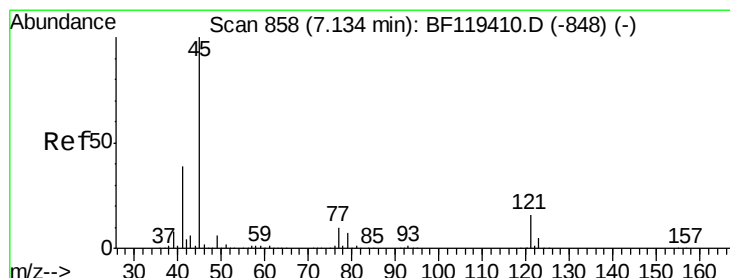
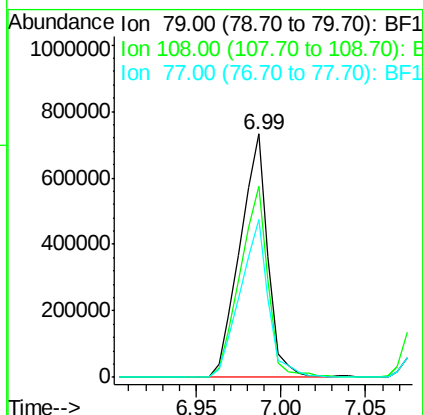
#15
Benzyl Alcohol
Concen: 45.141 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.3	60.4	90.6
77	64.6	49.0	73.4

Instrument :
BNA_F
ClientSampleId :
PB127731BS

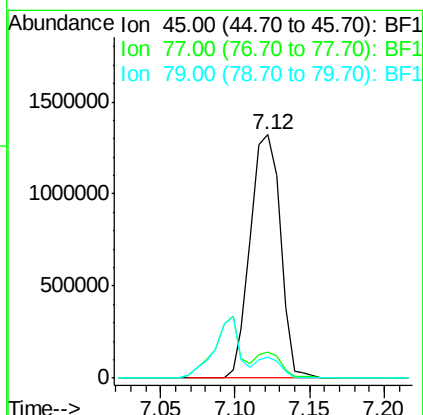
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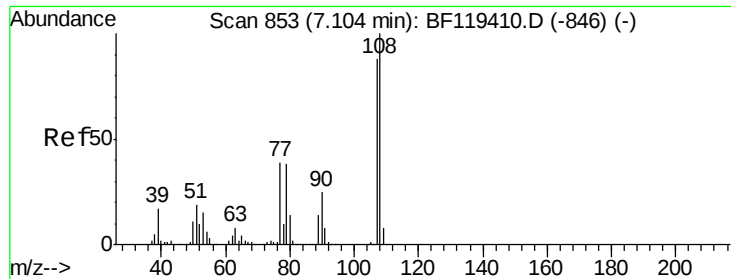
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.956 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.8	0.0	30.1
79	8.4	0.0	27.4





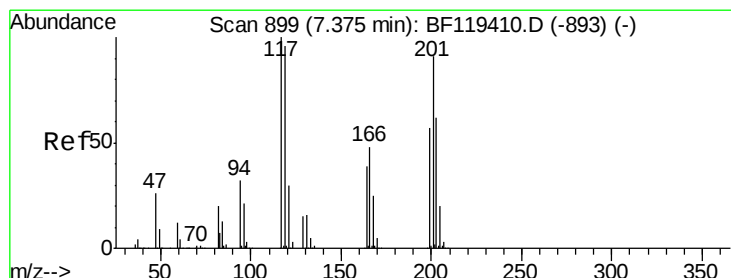
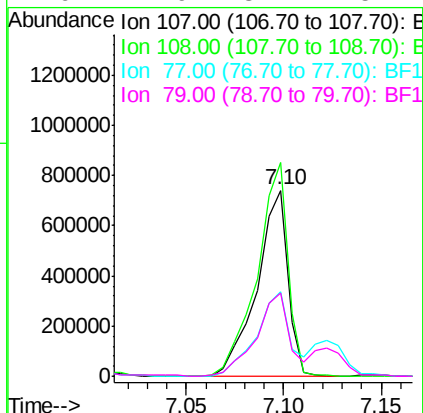
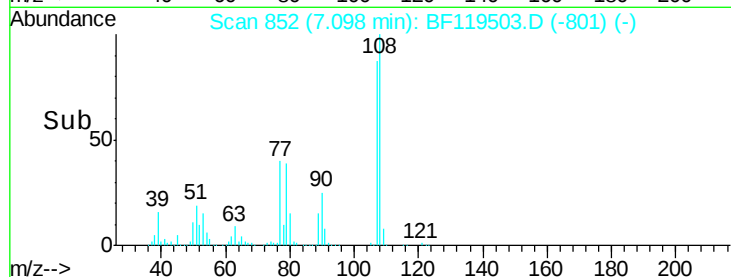
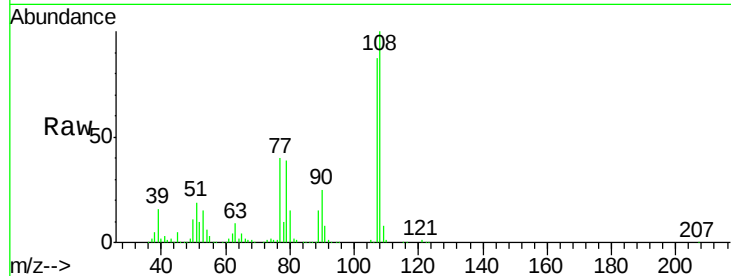
#17
2-Methylphenol
Concen: 43.526 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	817049		
108	114.8	90.7	136.1	
77	45.4	35.6	53.4	
79	44.9	34.7	52.1	

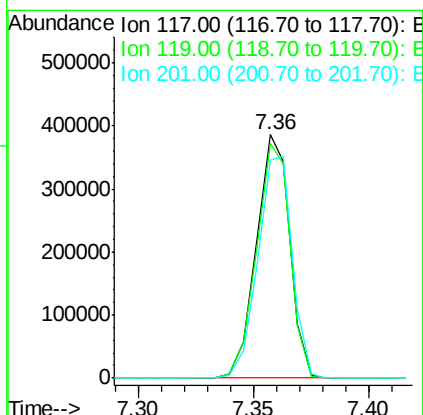
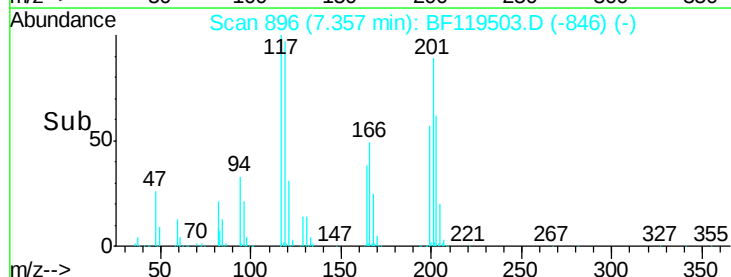
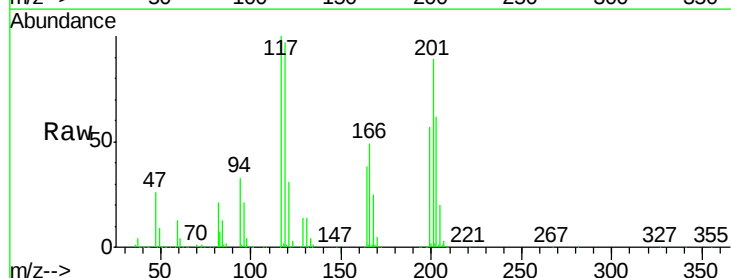
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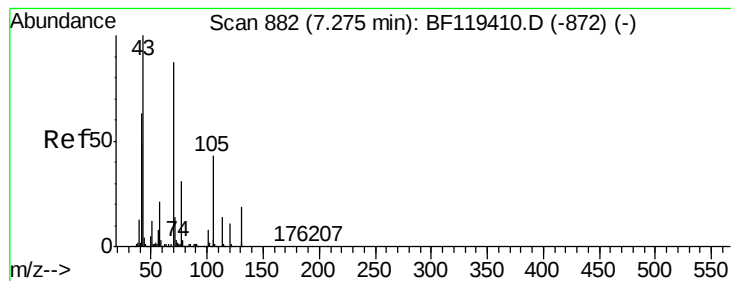
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#18
Hexachloroethane
Concen: 47.664 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	387415		
119	96.6	76.8	115.2	
201	89.4	72.5	108.7	





#19

n-Nitroso-di-n-propylamine

Concen: 46.736 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF119503.D

Acq: 25 Mar 2020 13:52

Instrument :

BNA_F

ClientSampleId :

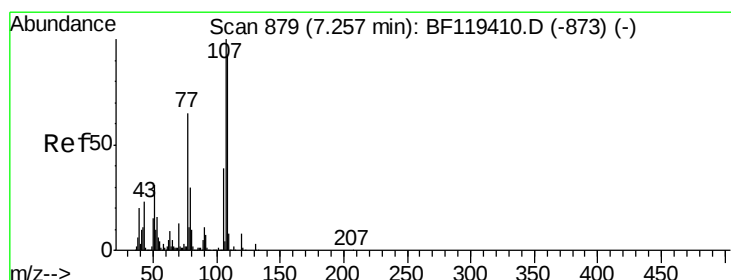
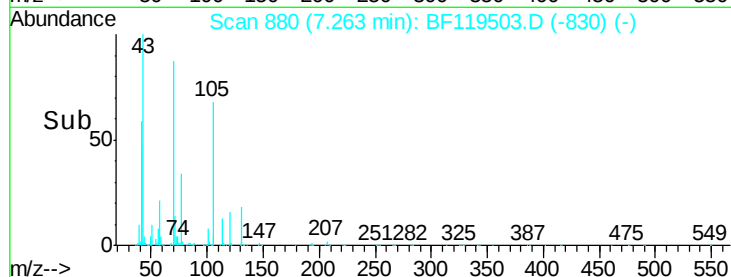
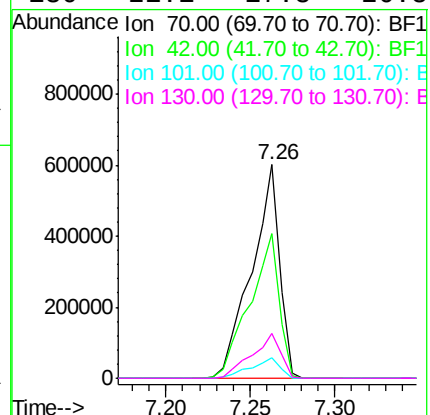
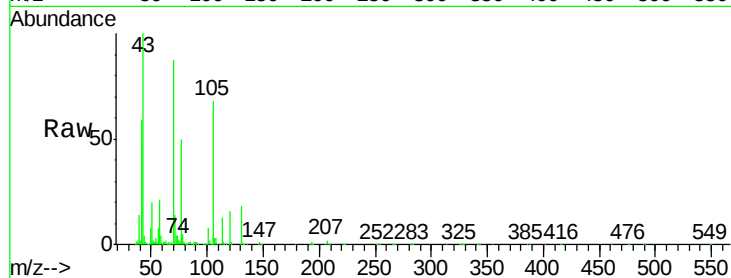
PB127731BS

Tot Ion: 70 Resp: 701970
Ion Ratio Lower Upper

70	100		
42	67.8	58.2	87.4
101	9.6	7.4	11.2
130	21.1	17.8	26.8

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#20

3+4-Methylphenols

Concen: 42.855 ng

RT: 7.25 min Scan# 878

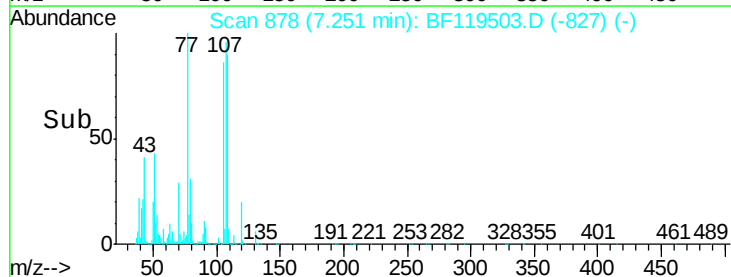
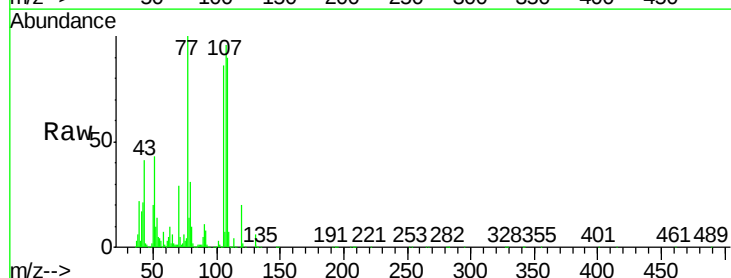
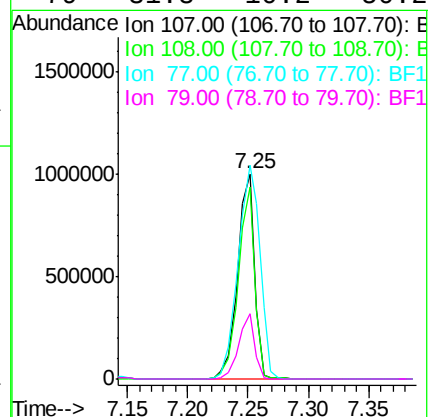
Delta R.T. -0.00 min

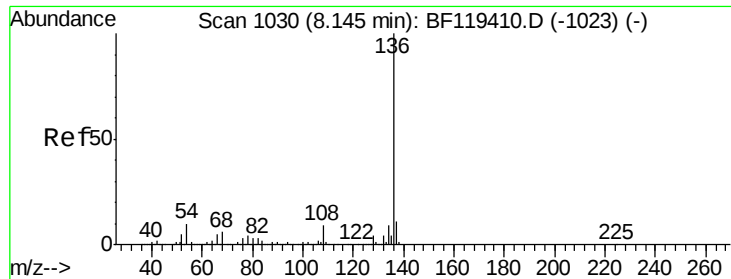
Lab File: BF119503.D

Acq: 25 Mar 2020 13:52

Tgt Ion: 107 Resp: 985902
Ion Ratio Lower Upper

107	100		
108	93.4	72.6	112.6
77	104.0	44.7	84.7
79	31.8	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF119503.D

Acq: 25 Mar 2020 13:52

Instrument :

BNA_F

ClientSampleId :

PB127731BS

Tot Ion:136 Resp: 1219983

Ion Ratio Lower Upper

136 100

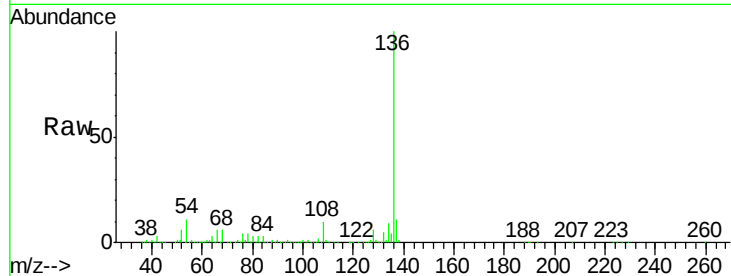
137 11.1 8.4 12.6

54 11.4 8.3 12.5

68 6.0 4.9 7.3

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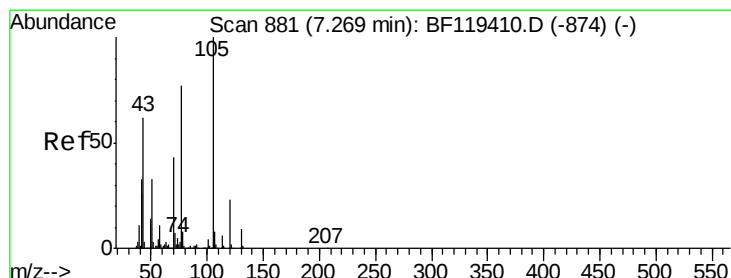
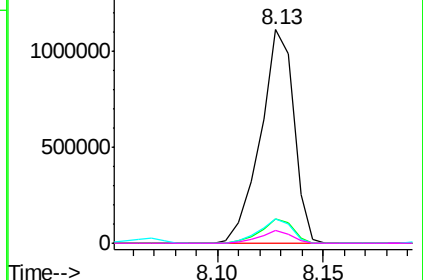
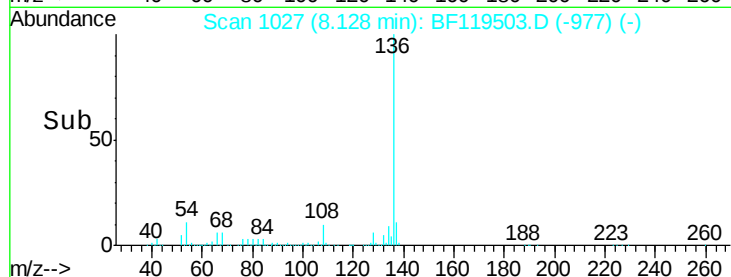


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.540 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF119503.D

Acq: 25 Mar 2020 13:52

Tgt Ion:105 Resp: 1298387

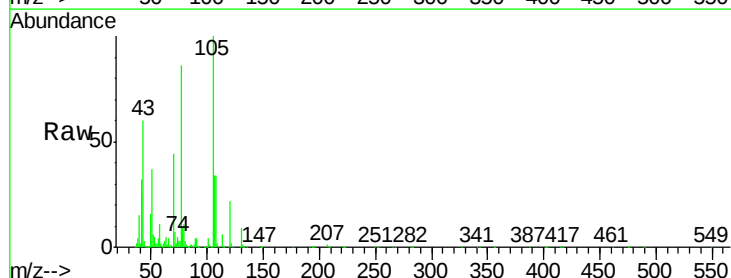
Ion Ratio Lower Upper

105 100

71 7.5 5.8 8.6

51 36.7 26.8 40.2

120 21.9 18.0 27.0

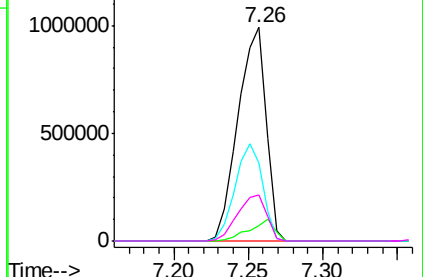
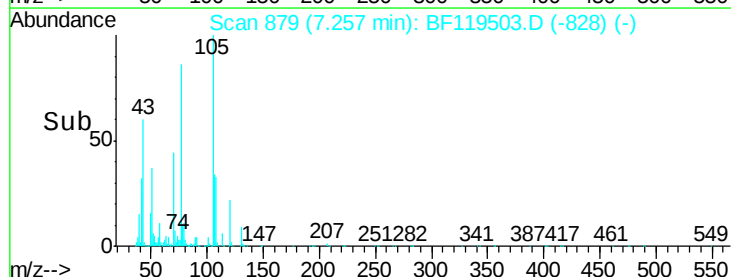


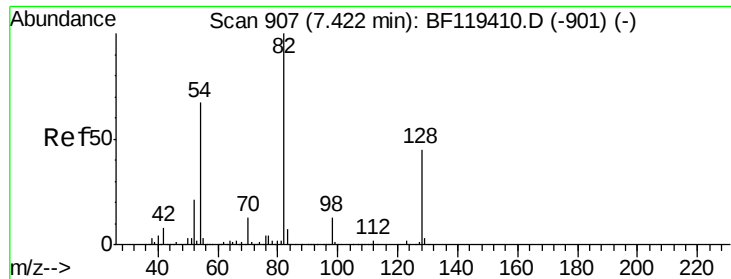
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





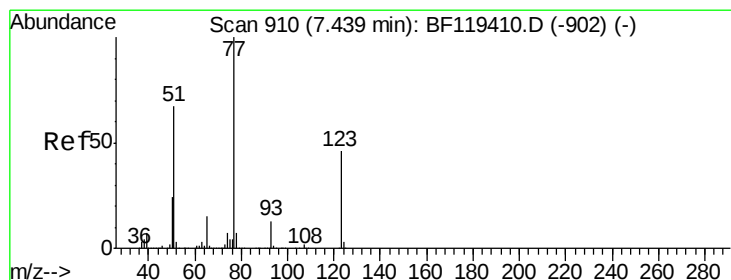
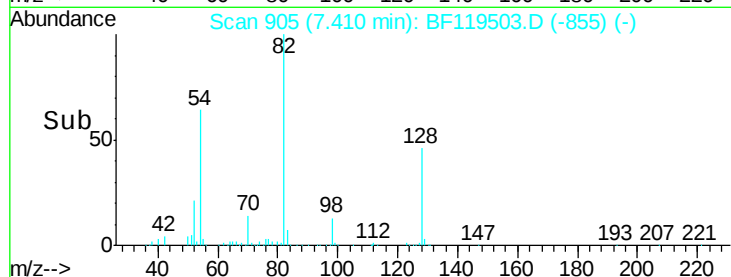
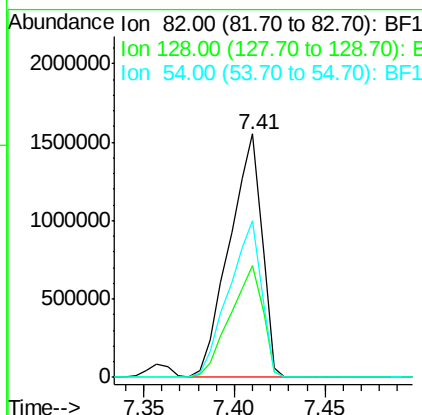
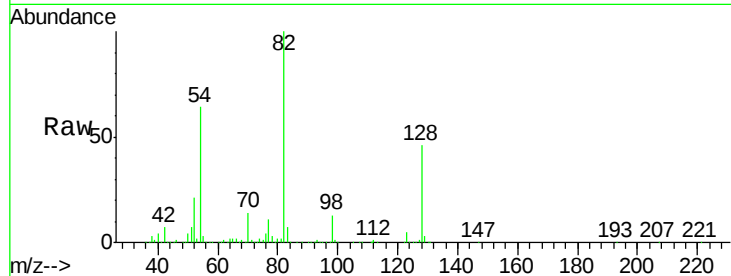
#23
 Nitrobenzene-d5
 Concen: 86.279 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF119503.D
 Acq: 25 Mar 2020 13:52

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

Tot Ion	82	Resp	1936765
Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.8	53.8
54	64.4	53.4	80.0

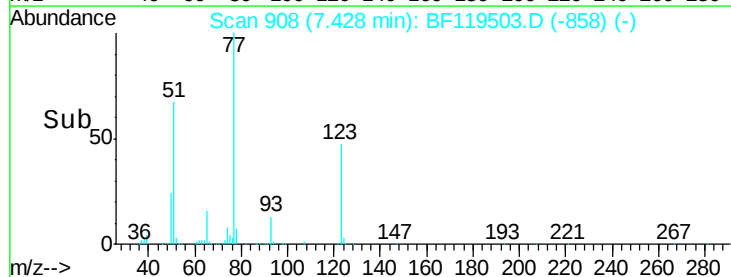
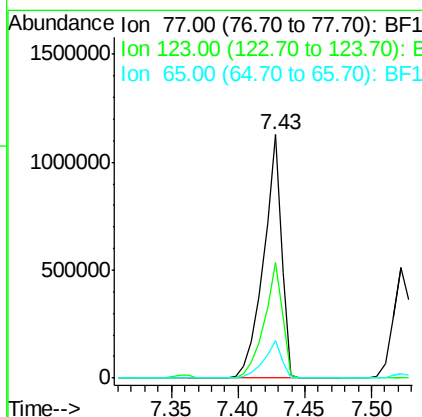
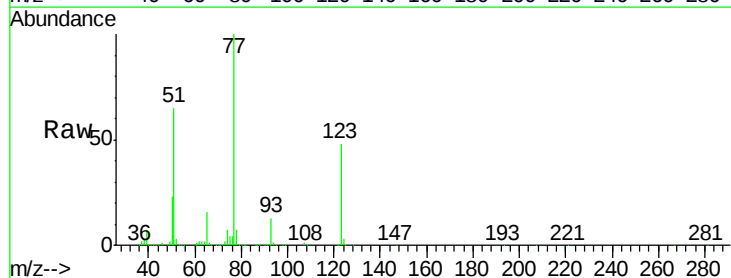
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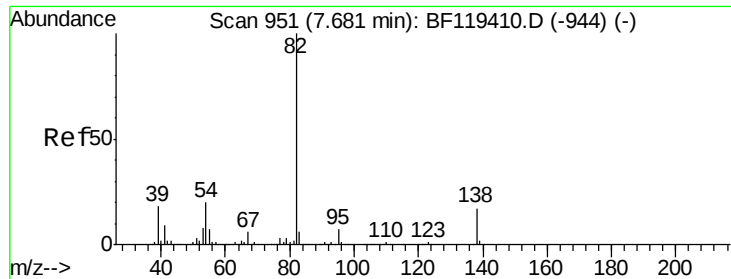
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#24
 Nitrobenzene
 Concen: 43.656 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF119503.D
 Acq: 25 Mar 2020 13:52

Tgt Ion	77	Resp	1047283
Ion	Ratio	Lower	Upper
77	100		
123	47.5	36.9	55.3
65	15.7	12.2	18.4





#25

Isophorone

Concen: 43.354 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF119503.D

Acq: 25 Mar 2020 13:52

Instrument :

BNA_F

ClientSampleId :

PB127731BS

Tot Ion: 82 Resp: 1974157

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

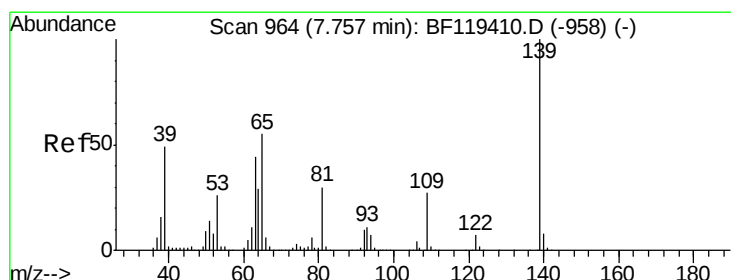
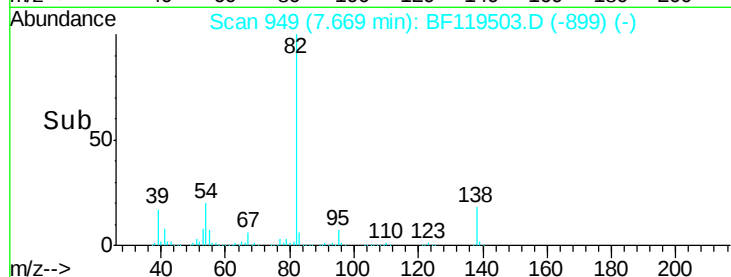
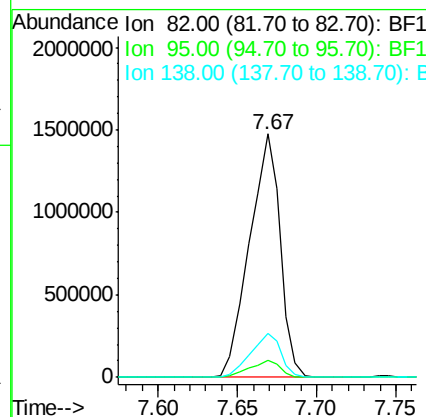
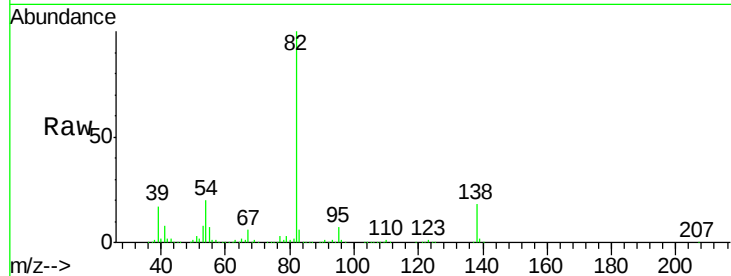
138 18.1 13.8 20.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 56.234 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF119503.D

Acq: 25 Mar 2020 13:52

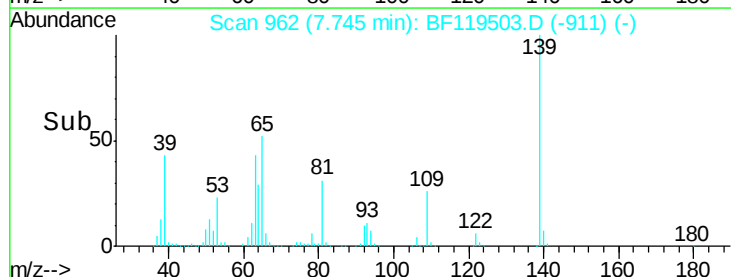
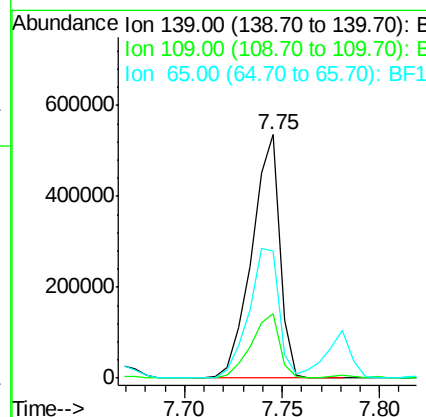
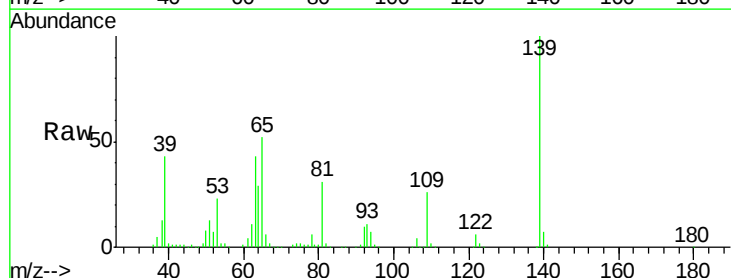
Tgt Ion: 139 Resp: 531164

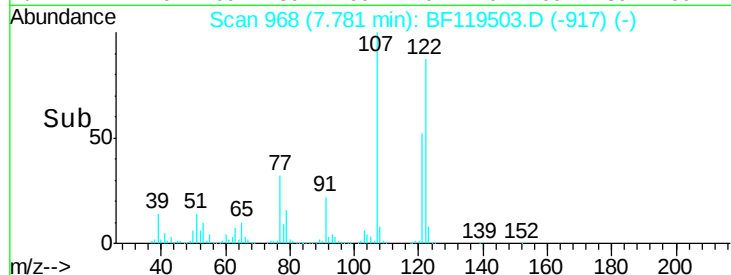
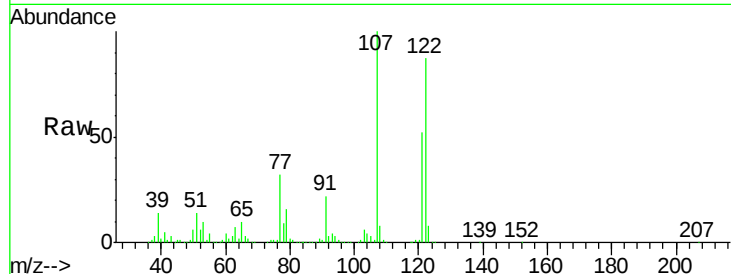
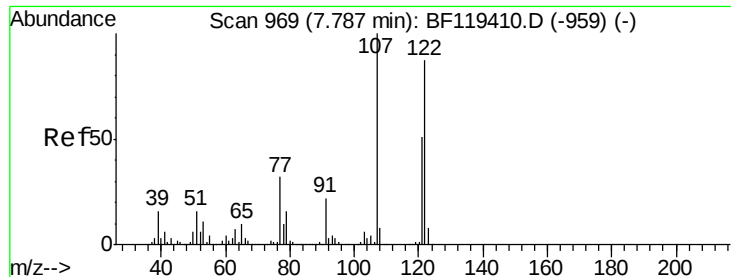
Ion Ratio Lower Upper

139 100

109 26.4 21.7 32.5

65 52.0 43.9 65.9





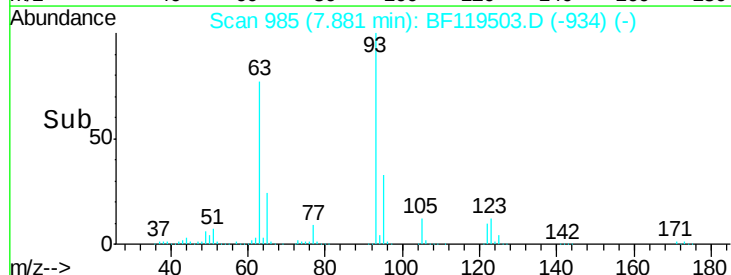
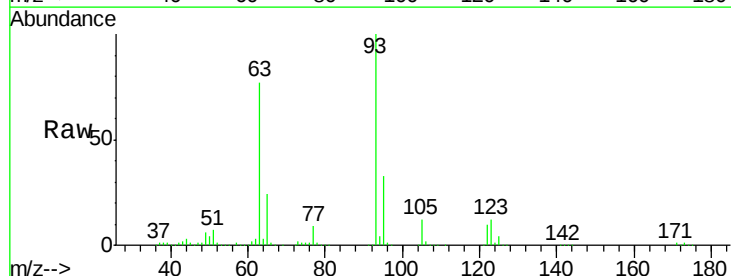
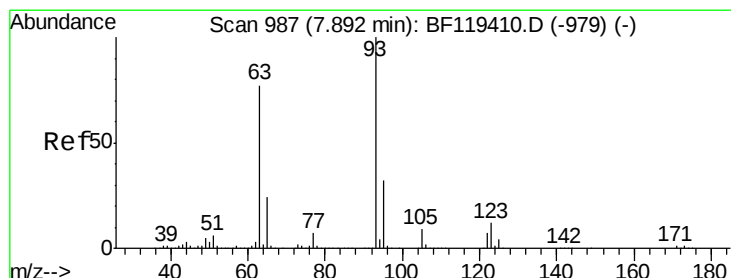
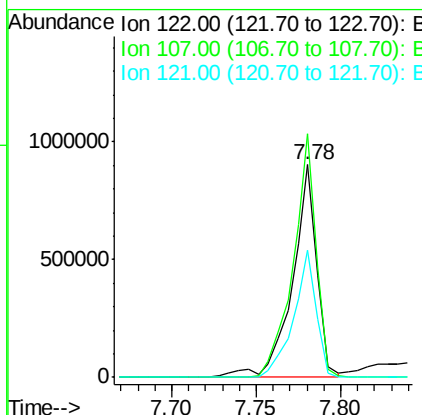
#27
2,4-Dimethylphenol
Concen: 46.500 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Tot Ion	Ratio	Resp	Lower	Upper
122	100	908207		
107	114.5	91.8	137.6	
121	60.0	46.5	69.7	

Instrument :
BNA_F
ClientSampleId :
PB127731BS

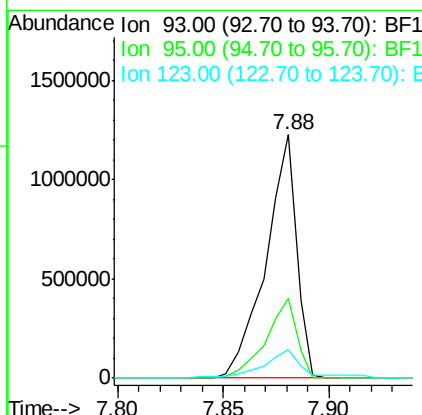
Manual Integrations
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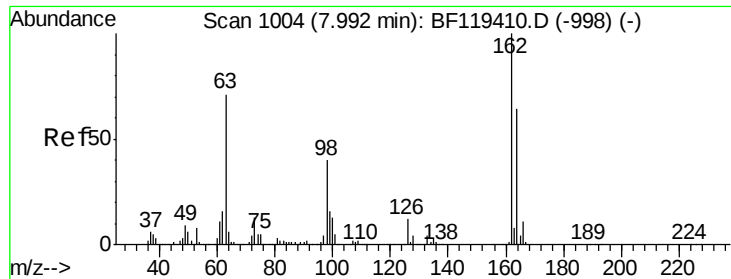
mohammad
3/27/2020 8:11:56 AM



#28
bis(2-Chloroethoxy)methane
Concen: 46.183 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1243549		
95	32.8	26.0	39.0	
123	12.0	9.7	14.5	





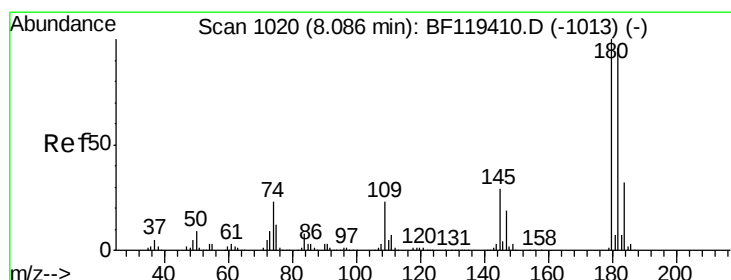
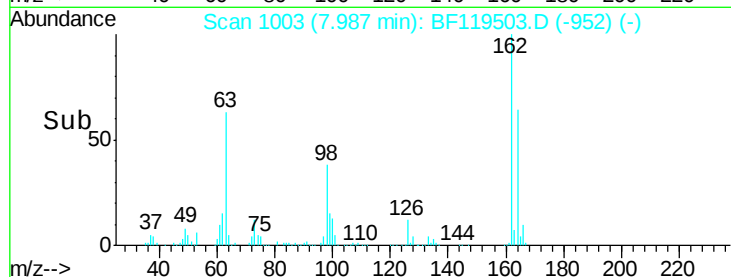
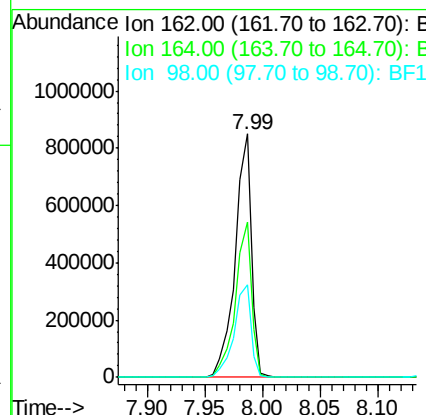
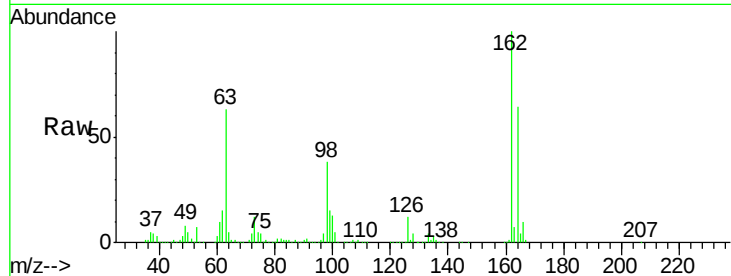
#29
2,4-Dichlorophenol
Concen: 46.557 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	835513		
164	64.0	43.6	83.6	
98	38.1	20.4	60.4	

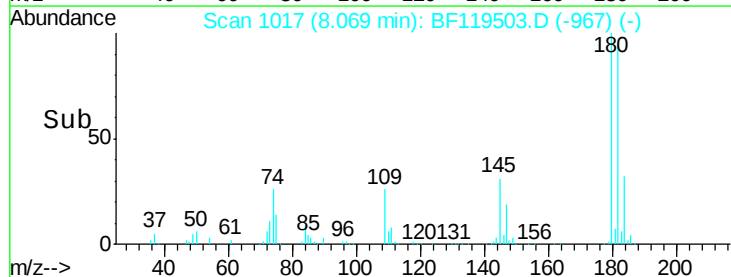
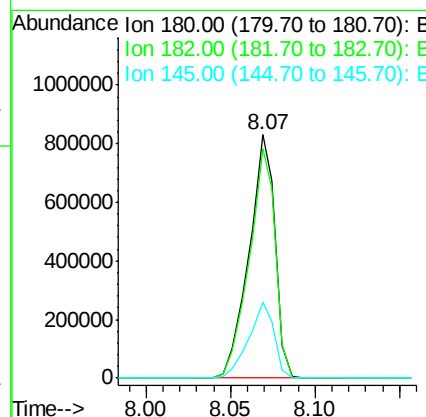
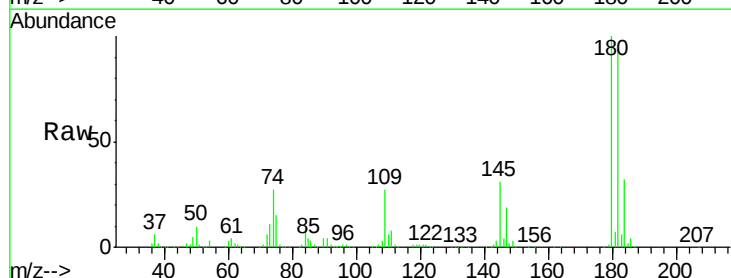
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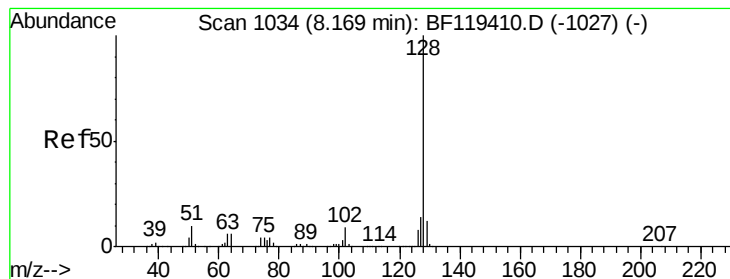
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 44.934 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	891790		
182	94.4	76.6	115.0	
145	31.4	23.2	34.8	





#31

Naphthalene

Concen: 44.682 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF119503.D

Acq: 25 Mar 2020 13:52

Instrument :

BNA_F

ClientSampleId :

PB127731BS

Tot Ion:128 Resp: 2805228

Ion Ratio Lower Upper

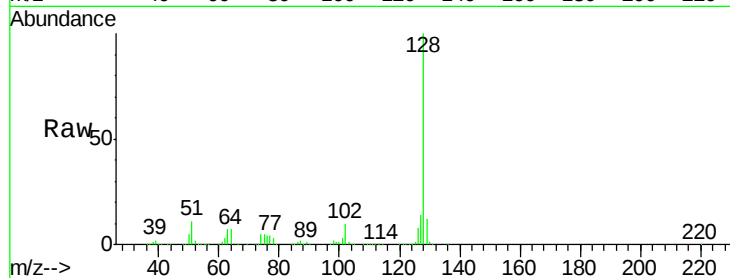
128 100

129 11.9 9.3 13.9

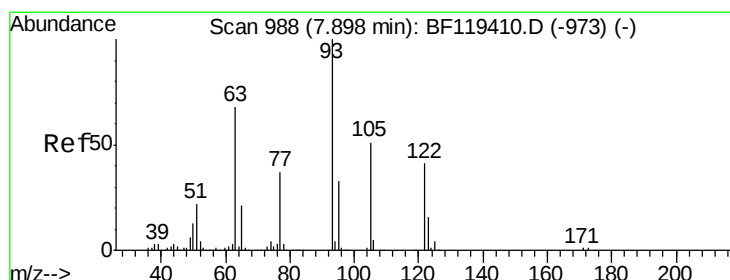
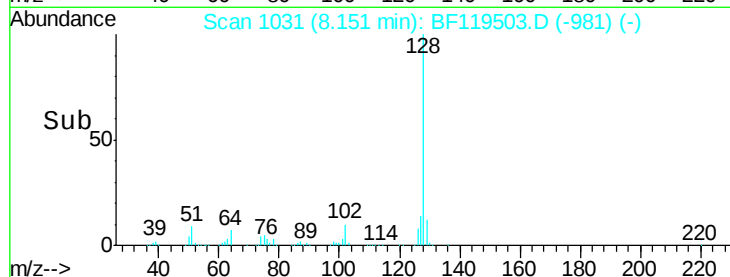
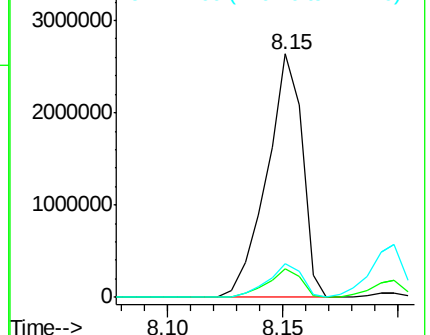
127 13.9 11.0 16.4

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 57.221 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF119503.D

Acq: 25 Mar 2020 13:52

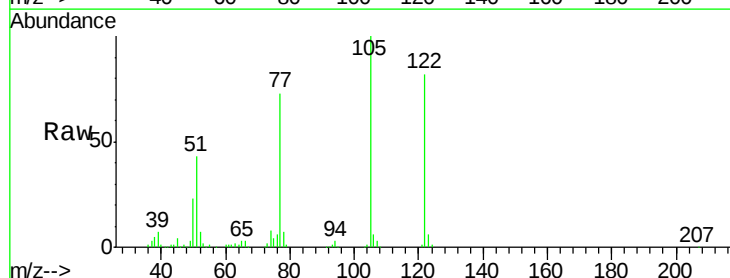
Tgt Ion:122 Resp: 718895

Ion Ratio Lower Upper

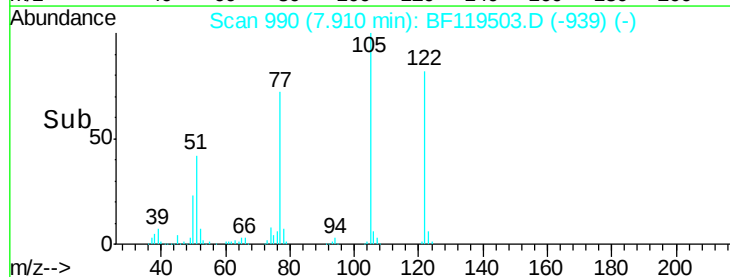
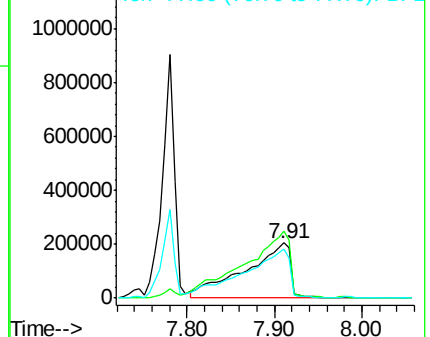
122 100

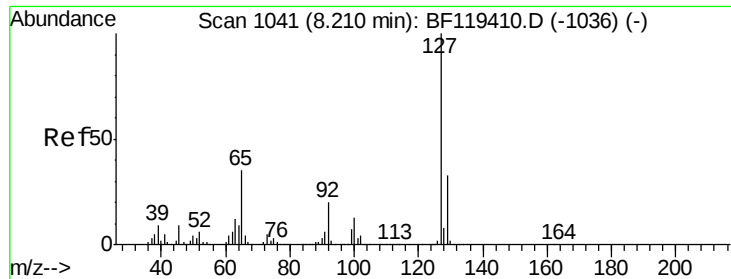
105 122.2 102.9 142.9

77 88.6 70.1 110.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





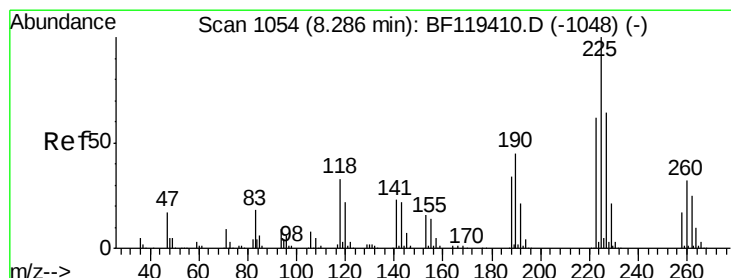
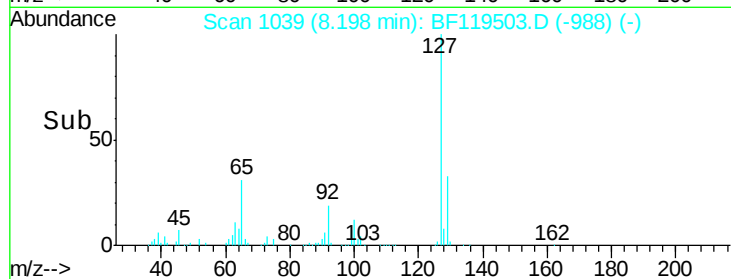
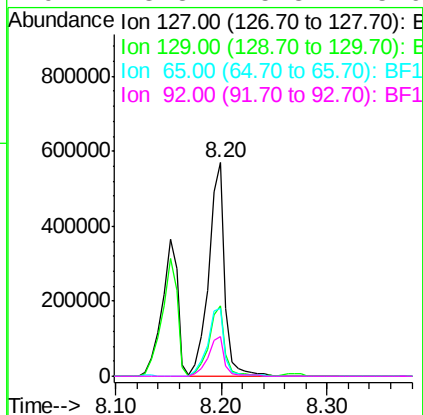
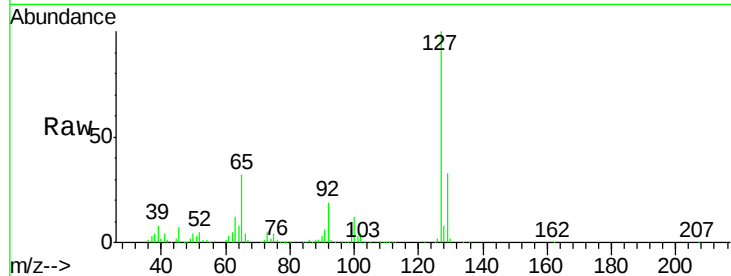
#33
4-Chloroaniline
Concen: 21.043 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		605359		
129	33.2	26.2	39.4		
65	32.0	27.7	41.5		
92	18.8	15.8	23.6		

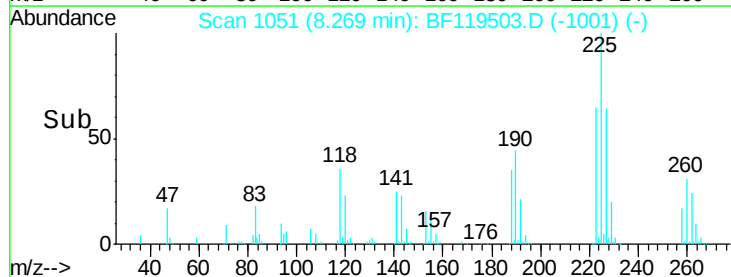
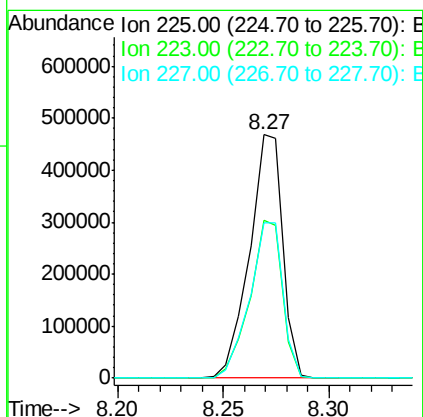
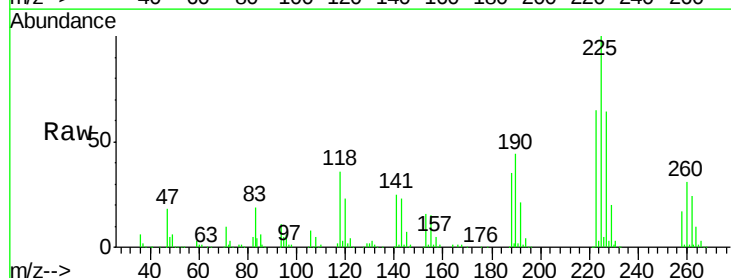
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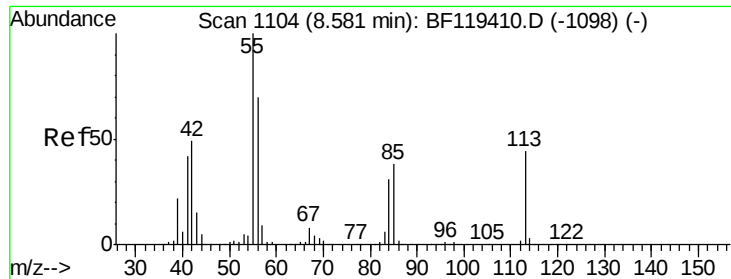
mohammad
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#34
Hexachlorobutadiene
Concen: 46.273 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		513830		
223	65.0	49.2	73.8		
227	63.6	51.1	76.7		





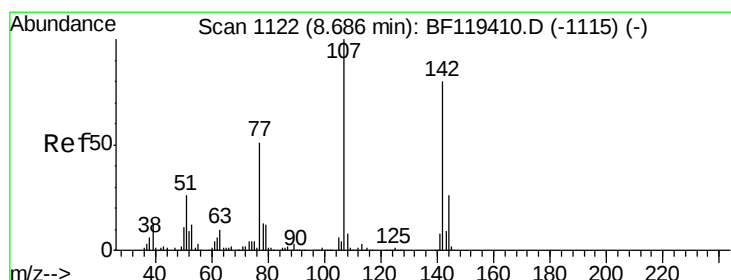
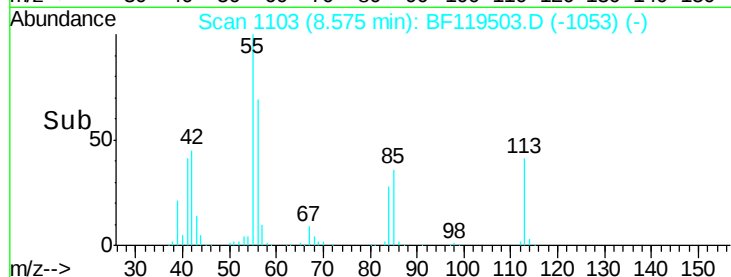
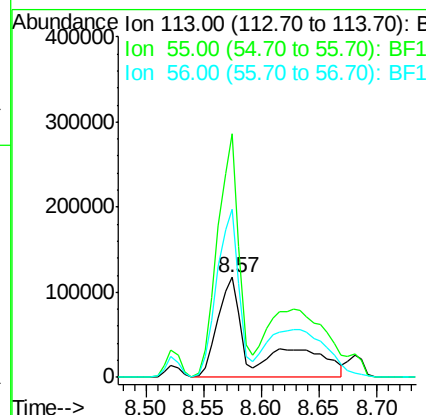
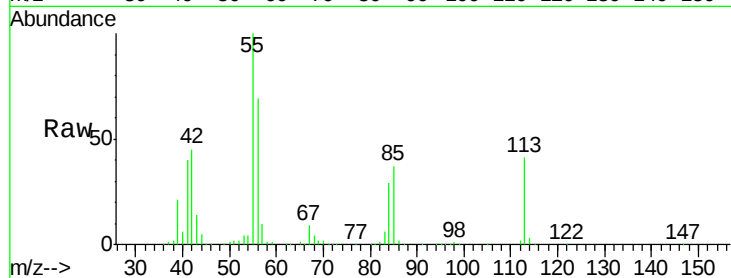
#35
Caprolactam
Concen: 46.772 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	243.1	208.4	248.4
56	167.4	138.9	178.9

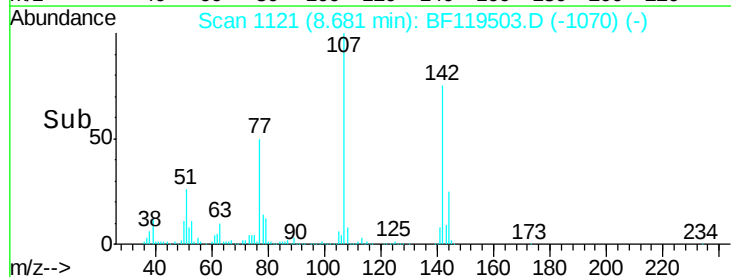
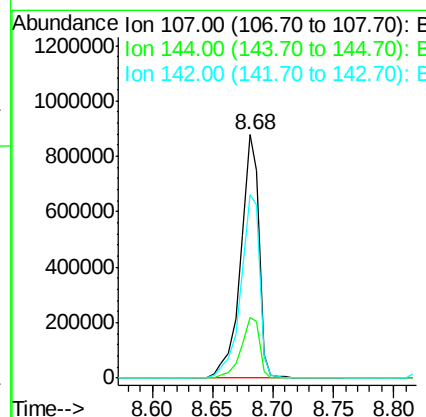
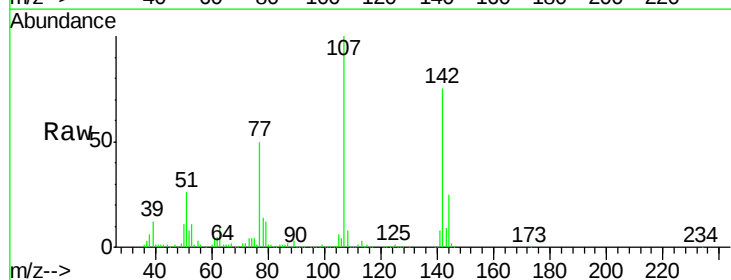
Manual Integrations
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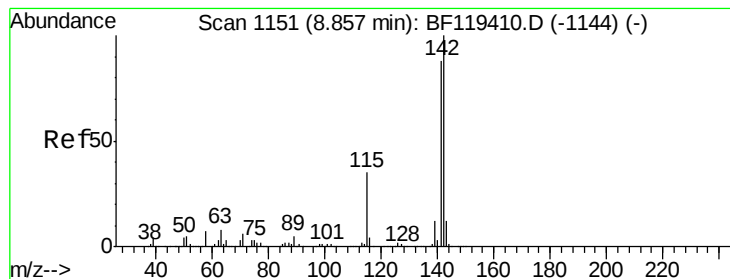
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 47.344 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.6	31.0
142	75.2	63.8	95.6





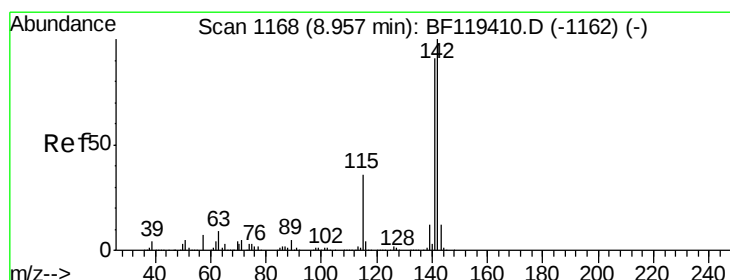
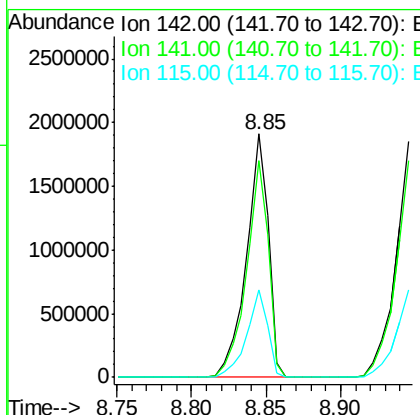
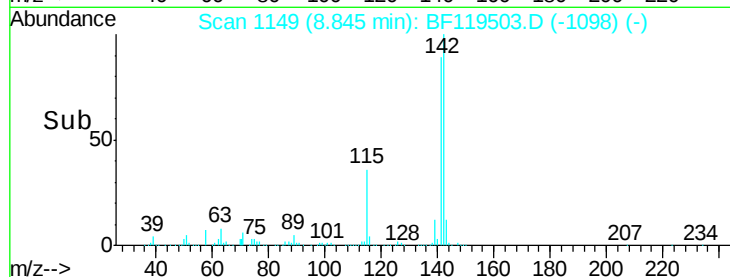
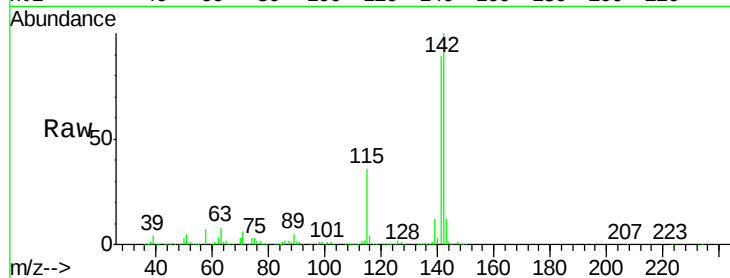
#37
2-Methylnaphthalene
Concen: 46.891 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion:142 Resp: 1932058
Ion Ratio Lower Upper
142 100
141 88.9 70.4 105.6
115 35.7 27.8 41.6

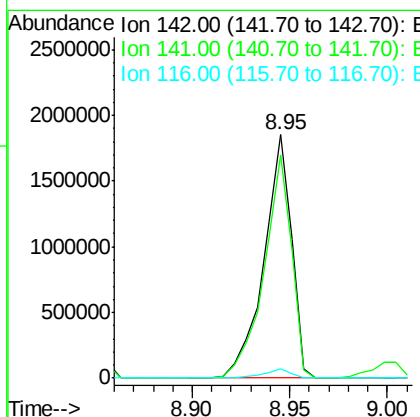
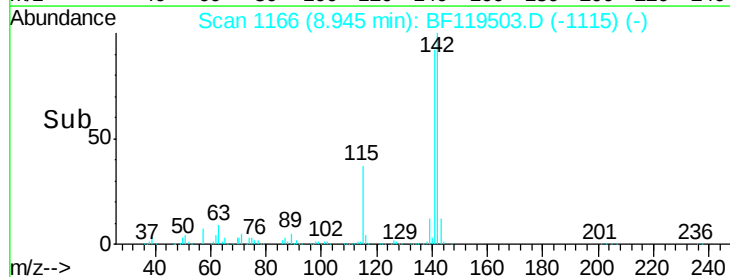
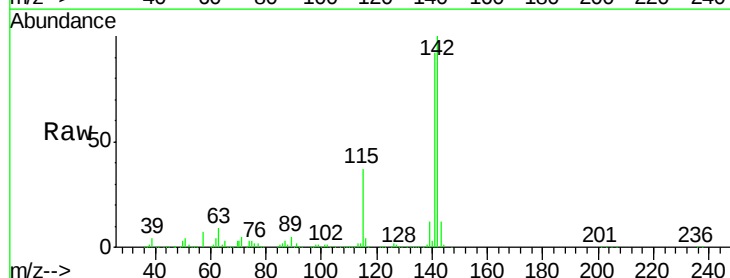
Manual Integrations
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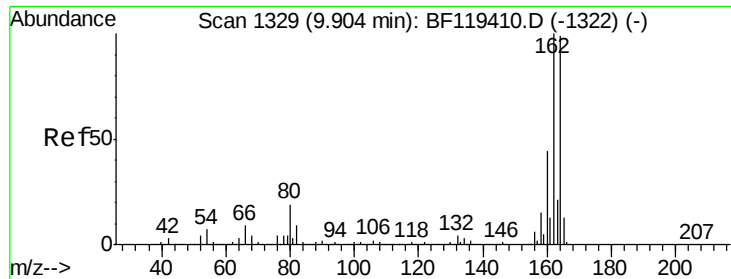
mohammad
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#38
1-Methylnaphthalene
Concen: 46.600 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Tgt Ion:142 Resp: 1817366
Ion Ratio Lower Upper
142 100
141 91.7 73.1 109.7
116 4.0 3.0 4.6





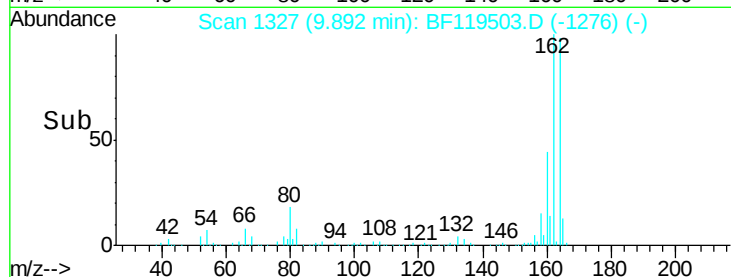
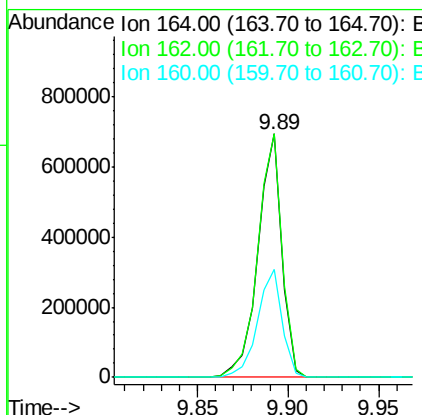
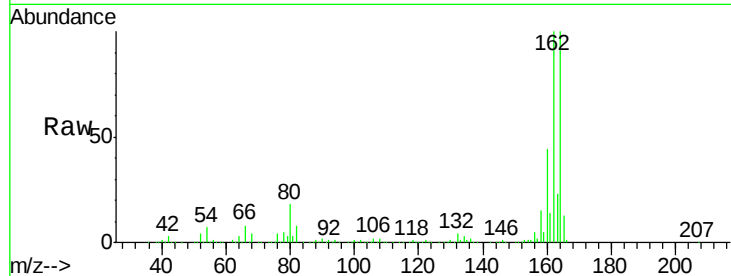
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.00 min
 Lab File: BF119503.D
 Acq: 25 Mar 2020 13:52

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.8	80.7	121.1	
160	44.2	35.5	53.3	

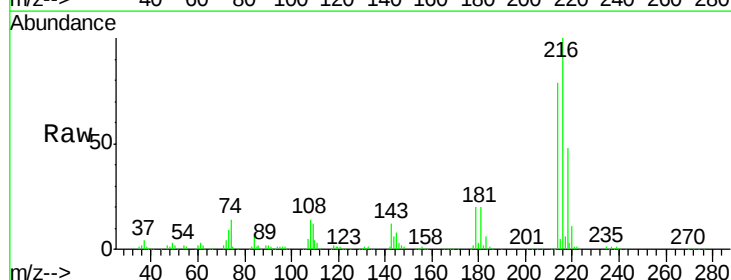
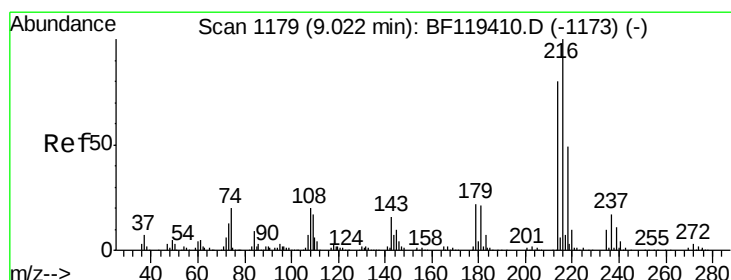
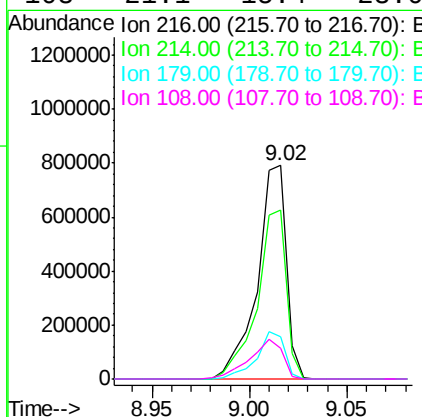
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.855 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF119503.D
 Acq: 25 Mar 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	63.0	94.6	
179	21.5	17.0	25.4	
108	21.1	15.4	23.0	





#41

Hexachlorocyclopentadiene

Concen: 97.674 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF119503.D

Acq: 25 Mar 2020 13:52

Instrument :

BNA_F

ClientSampleId :

PB127731BS

Tot Ion:237 Resp: 1041093

Ion Ratio Lower Upper

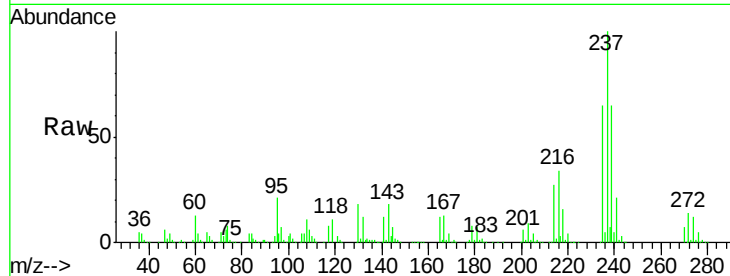
237 100

235 65.0 42.5 82.5

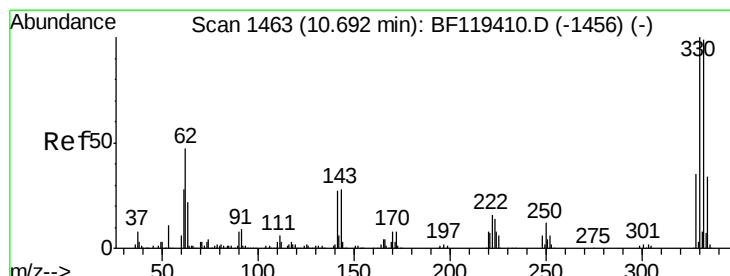
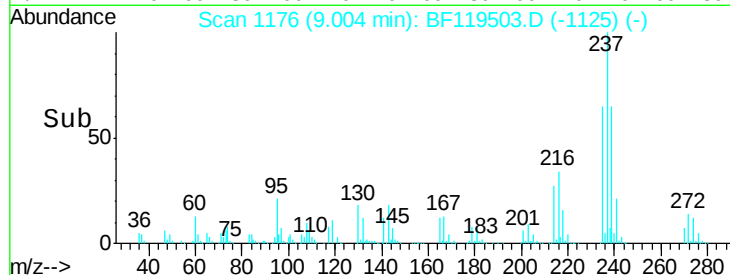
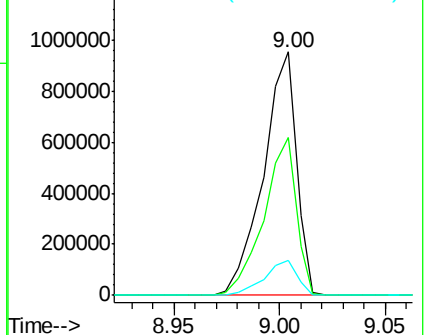
272 14.5 0.0 34.3

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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: 139.403 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.01 min

Lab File: BF119503.D

Acq: 25 Mar 2020 13:52

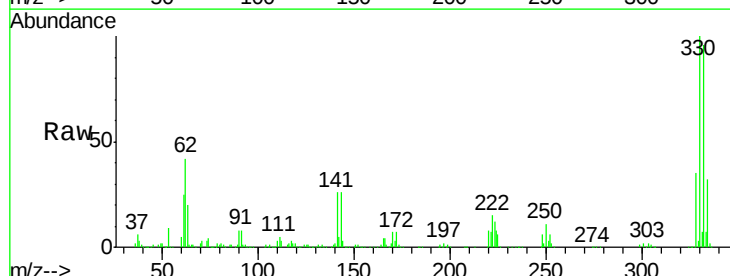
Tgt Ion:330 Resp: 919924

Ion Ratio Lower Upper

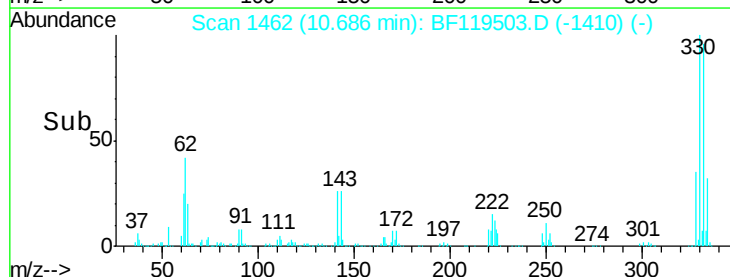
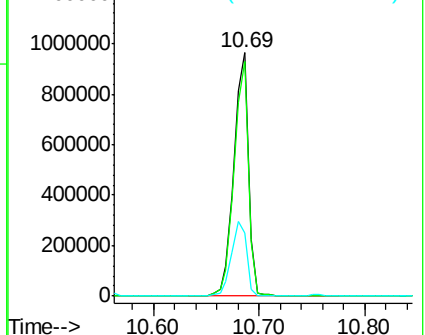
330 100

332 95.6 77.6 116.4

141 31.9 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





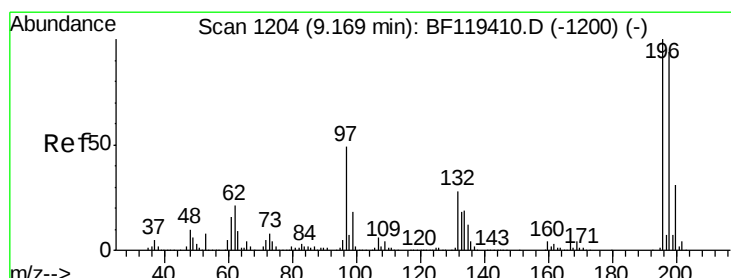
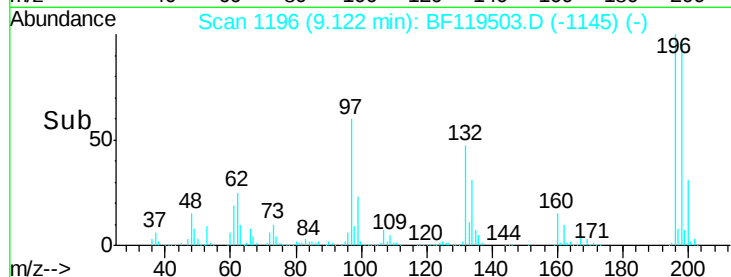
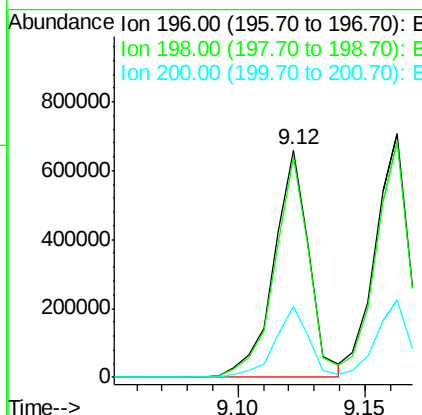
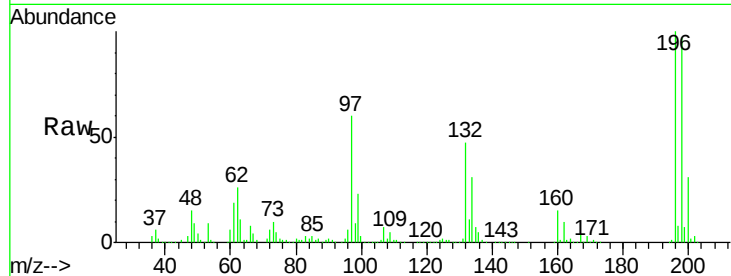
#43
 2,4,6-Trichlorophenol
 Concen: 47.610 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF119503.D
 Acq: 25 Mar 2020 13:52

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	638783		
198	97.1	77.0	115.4	
200	31.2	25.1	37.7	

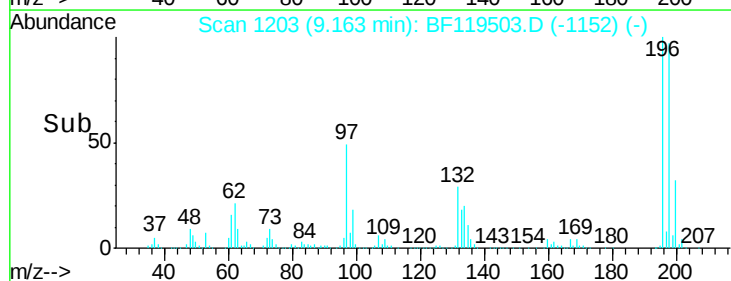
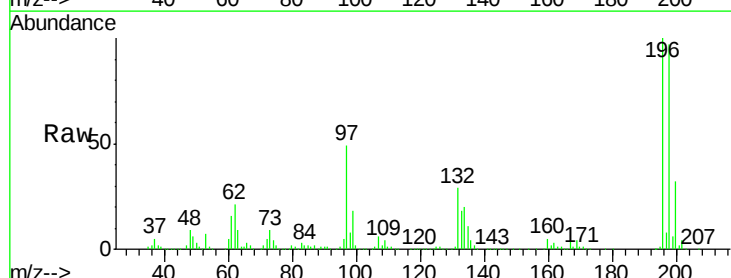
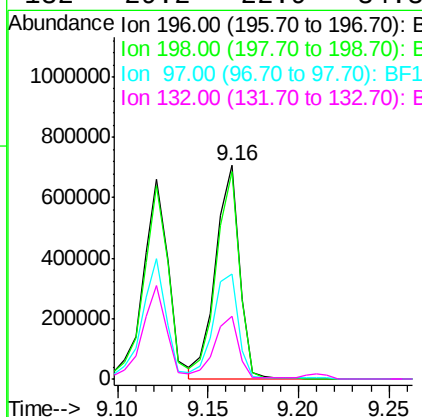
Manual Integrations
 APPROVED

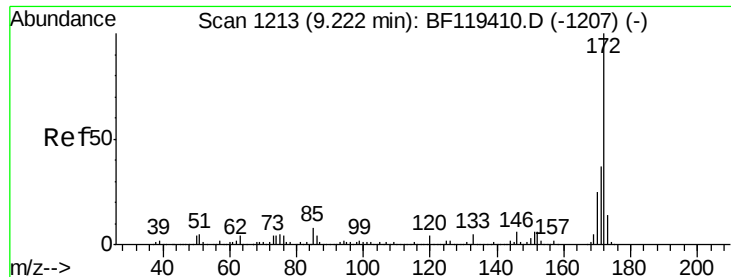
mohammad
 3/27/2020 8:11:56 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.034 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF119503.D
 Acq: 25 Mar 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	646798		
198	97.1	75.3	112.9	
97	49.1	39.0	58.4	
132	29.2	22.9	34.3	





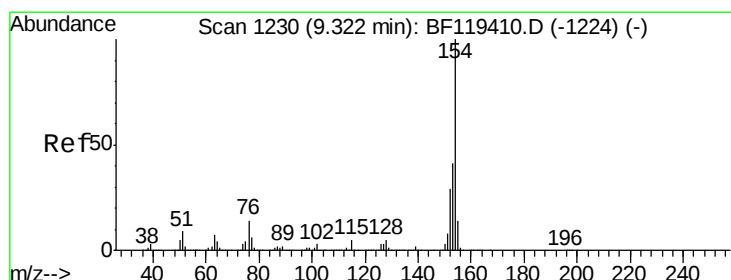
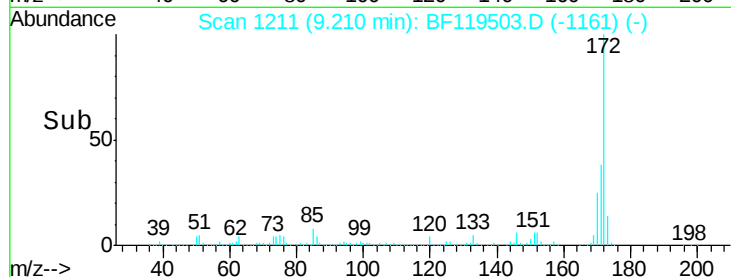
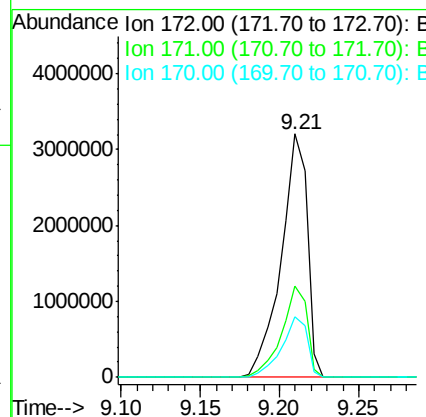
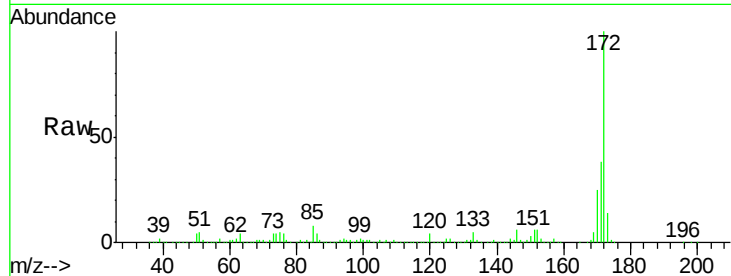
#45
2-Fluorobiphenyl
Concen: 84.928 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	37.7	29.9	44.9	
170	24.9	20.1	30.1	

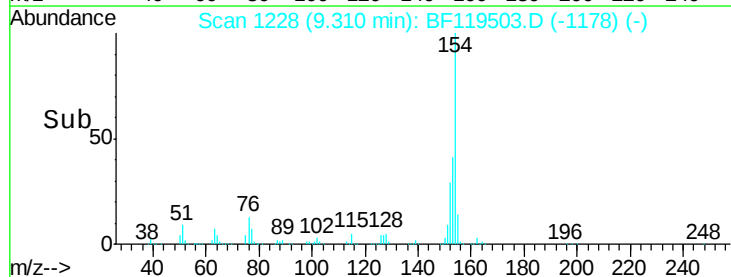
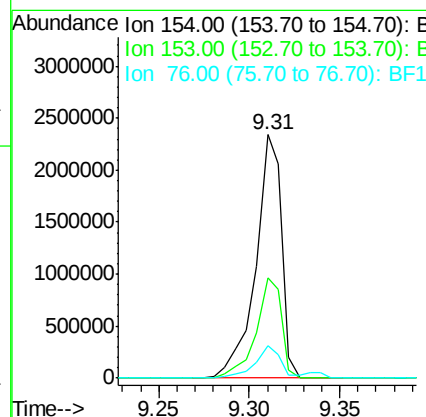
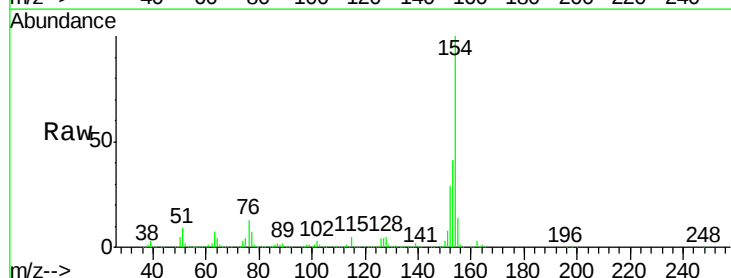
Manual Integrations
APPROVED

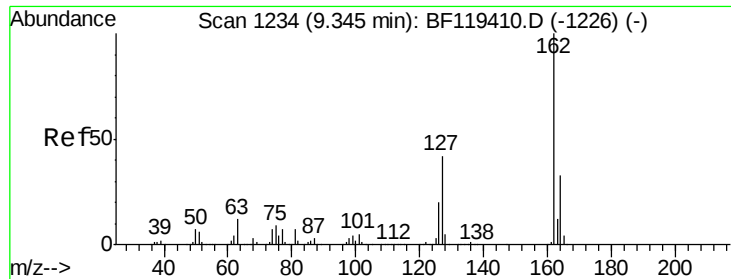
mohammad
3/27/2020 8:11:56 AM



#46
1,1'-Biphenyl
Concen: 44.373 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.4	21.4	61.4	
76	13.3	0.0	33.6	





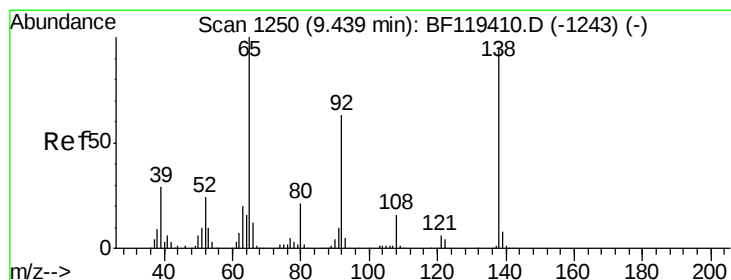
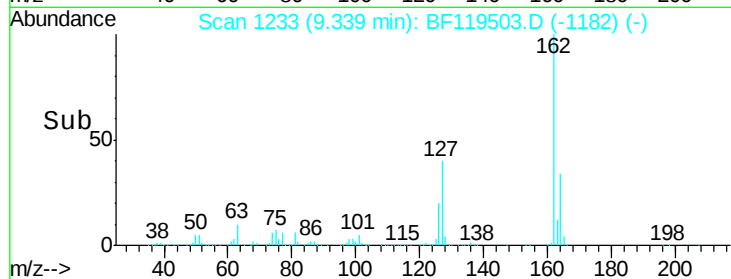
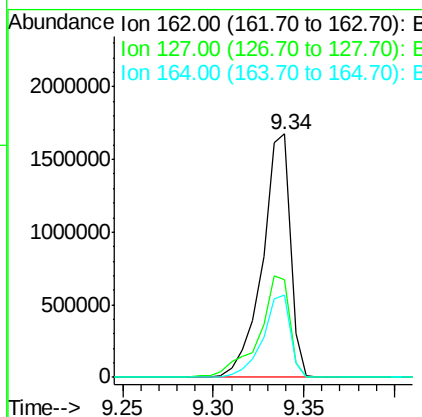
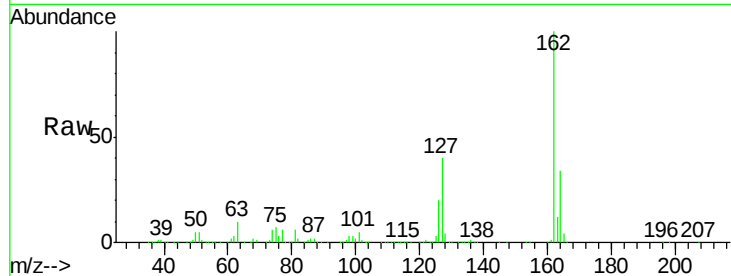
#47
 2-Chloronaphthalene
 Concen: 43.974 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF119503.D
 Acq: 25 Mar 2020 13:52

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	33.7	50.5
164	33.9	26.2	39.4

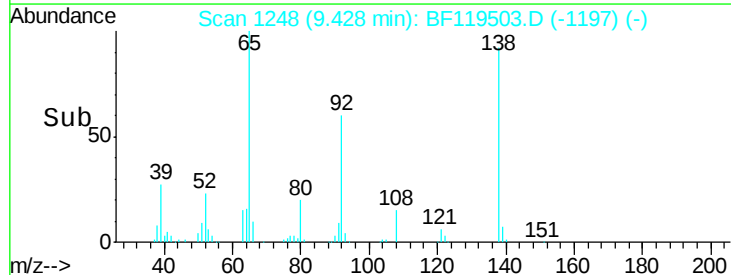
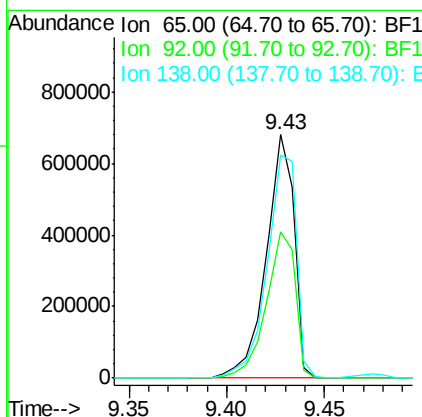
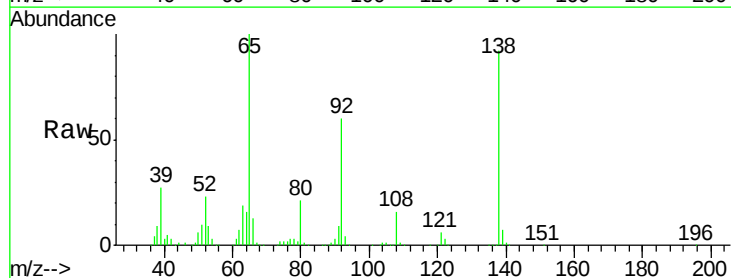
Manual Integrations
 APPROVED

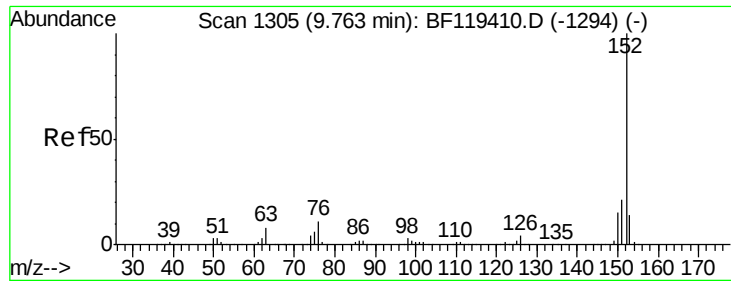
mohammad
 3/27/2020 8:11:56 AM



#48
 2-Nitroaniline
 Concen: 48.016 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BF119503.D
 Acq: 25 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.1	50.5	75.7
138	91.8	75.8	113.8





#49

Acenaphthylene

Concen: 43.868 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF119503.D

Acq: 25 Mar 2020 13:52

Instrument :

BNA_F

ClientSampleId :

PB127731BS

Tot Ion:152 Resp: 2811191

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

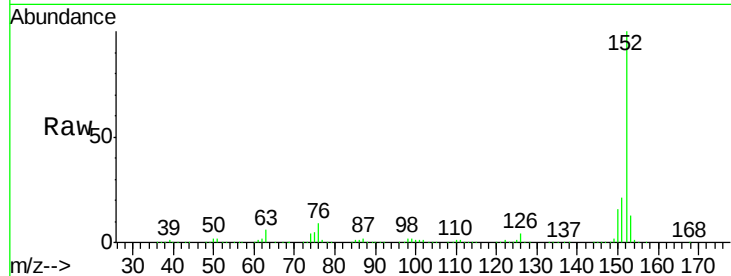
153 13.5 11.2 16.8

Manual Integrations

APPROVED

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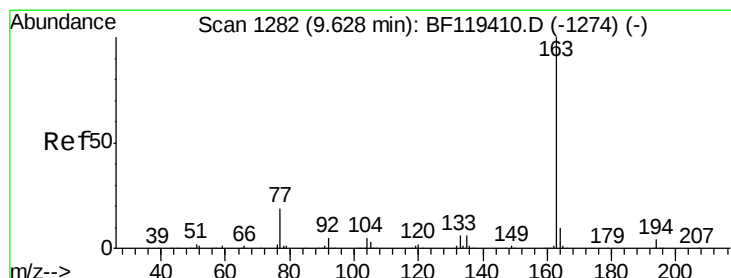
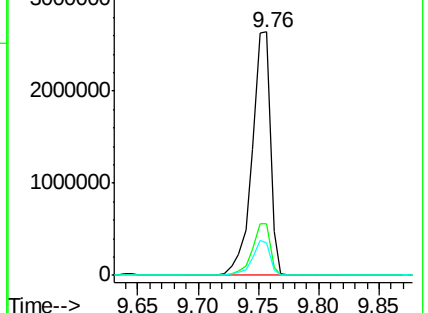
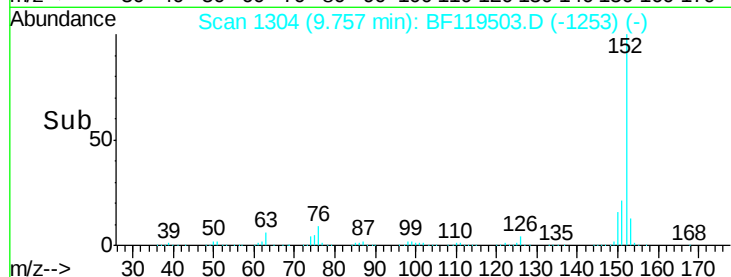
3/27/2020 8:11:56 AM



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: 46.508 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF119503.D

Acq: 25 Mar 2020 13:52

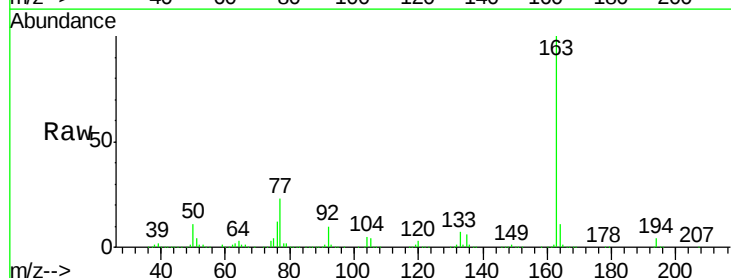
Tgt Ion:163 Resp: 2113089

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

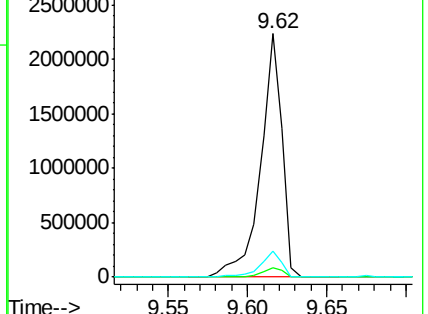
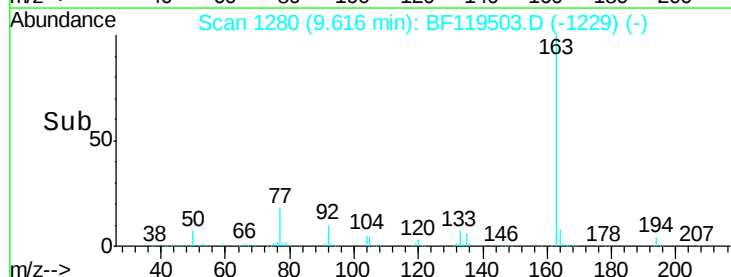
164 10.8 8.1 12.1

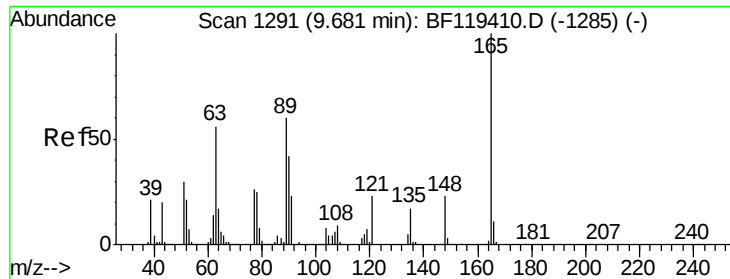


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





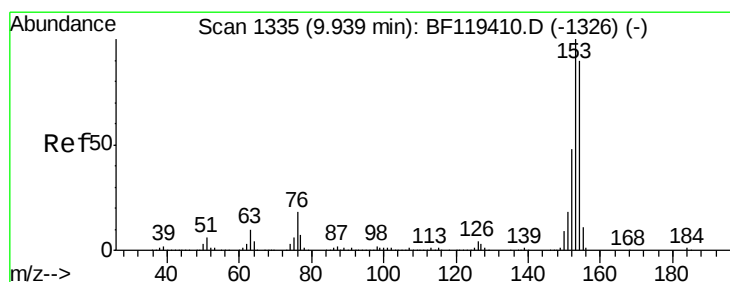
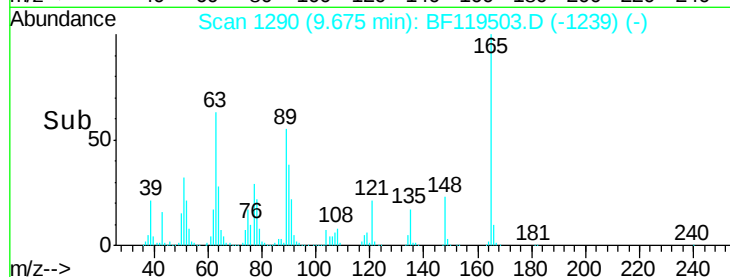
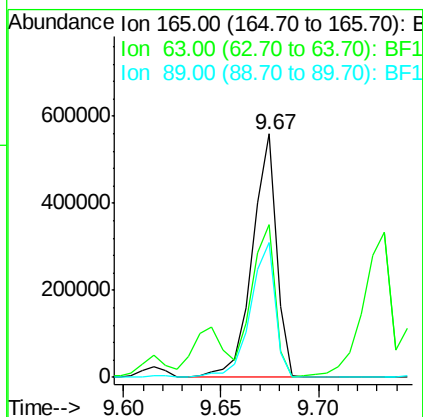
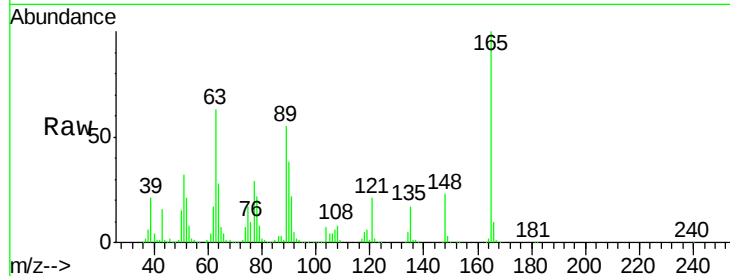
#51
2,6-Dinitrotoluene
Concen: 49.456 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	481631		
63	62.7	57.3	85.9	
89	55.5	47.8	71.8	

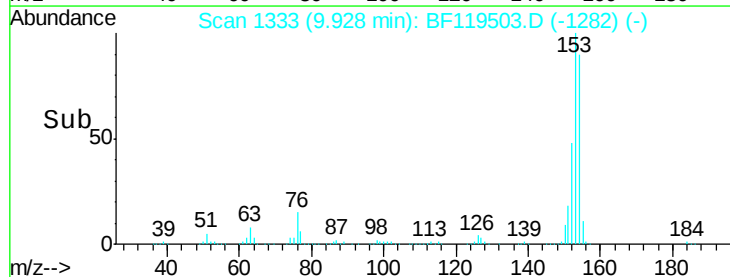
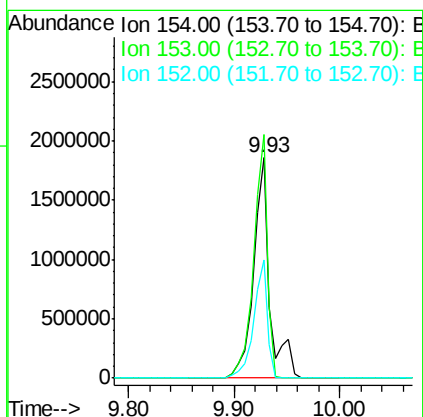
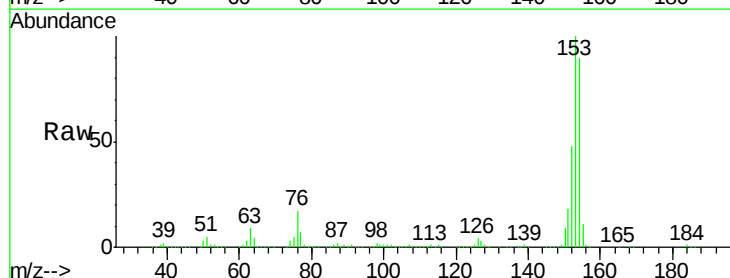
Manual Integrations
APPROVED

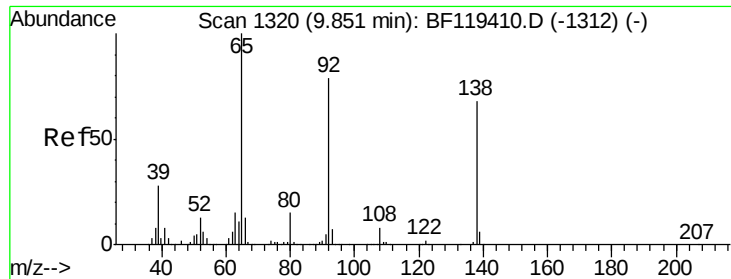
mohammad
3/27/2020 8:11:56 AM



#52
Acenaphthene
Concen: 50.116 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2002116		
153	110.6	89.0	133.6	
152	53.6	43.1	64.7	





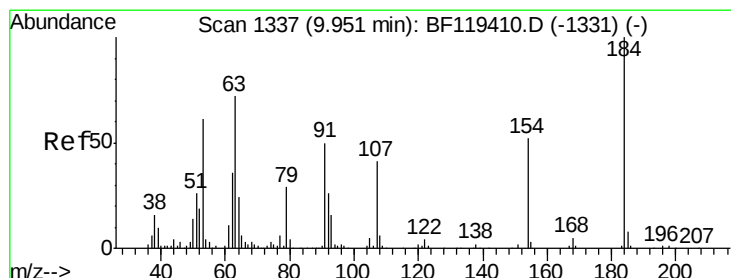
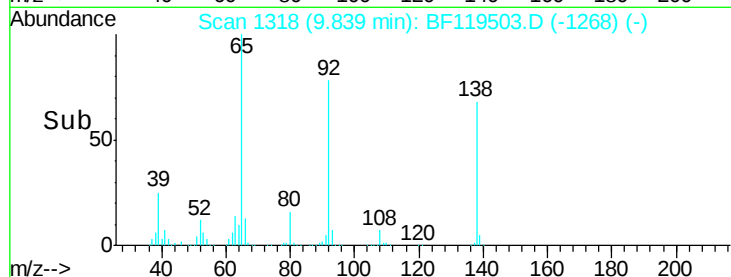
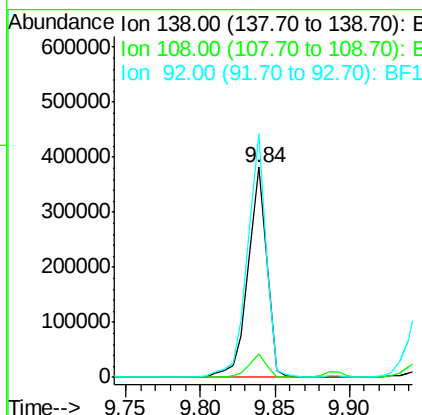
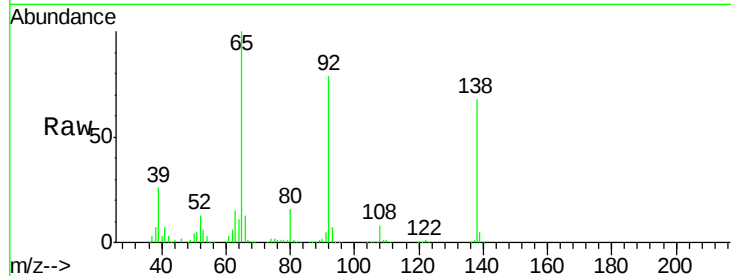
#53
3-Nitroaniline
Concen: 27.085 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.0	13.6
92	116.0	93.2	139.8

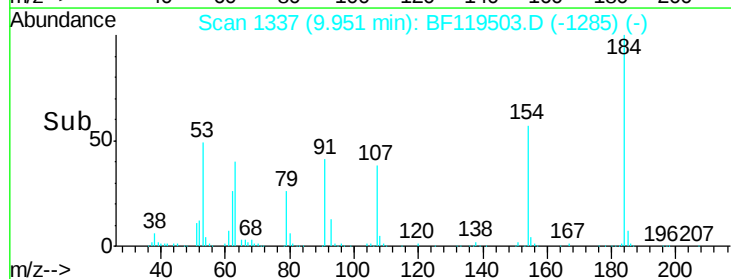
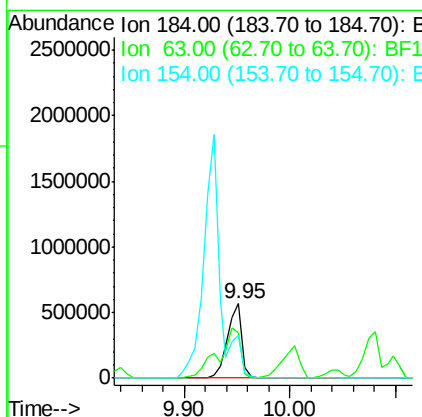
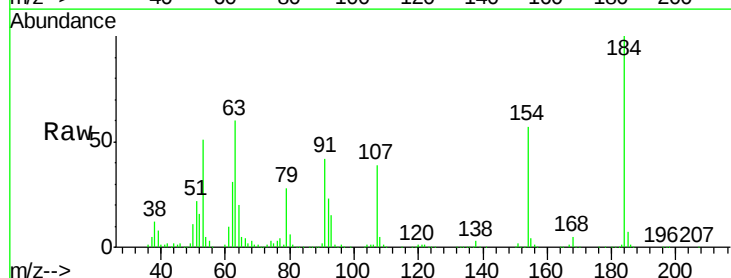
Manual Integrations
APPROVED

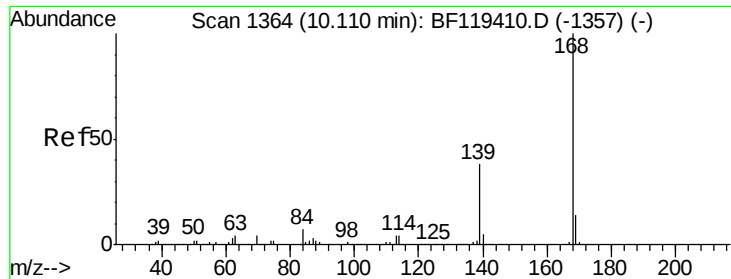
mohammad
3/27/2020 8:11:56 AM



#54
2,4-Dinitrophenol
Concen: 121.727 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.2	58.5	87.7
154	56.7	51.8	77.6





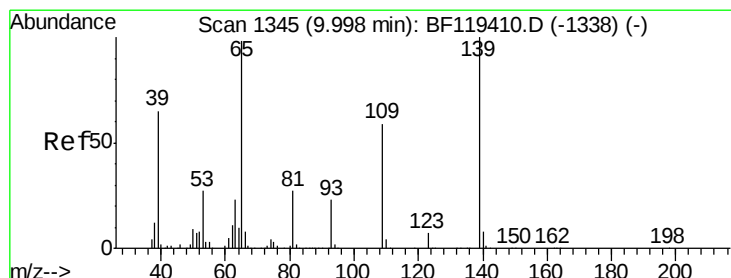
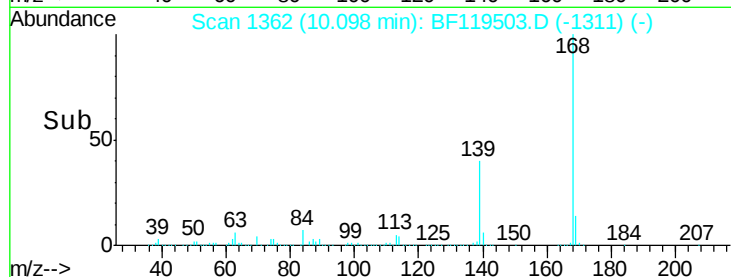
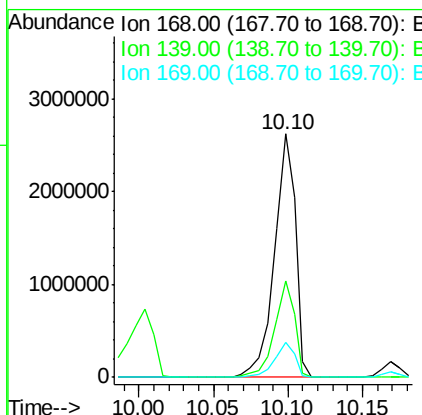
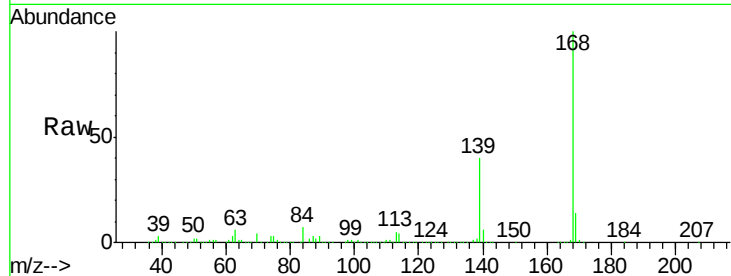
#55
Dibenzenofuran
Concen: 44.754 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	30.2	45.4
169	14.3	11.1	16.7

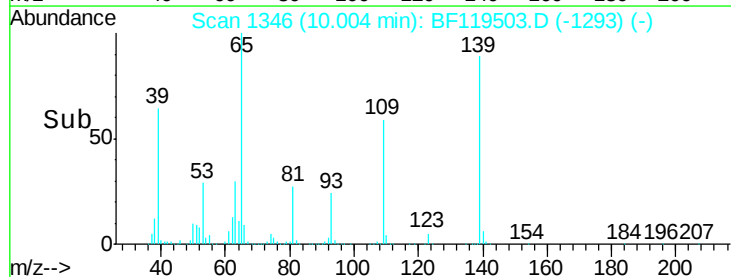
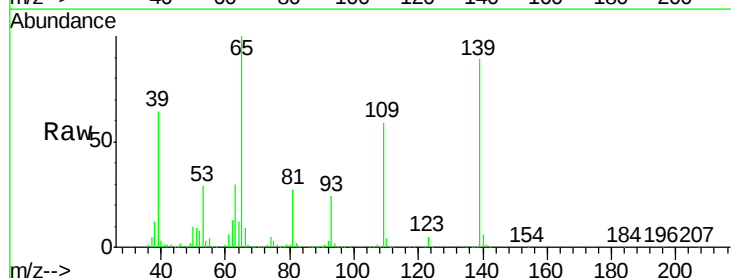
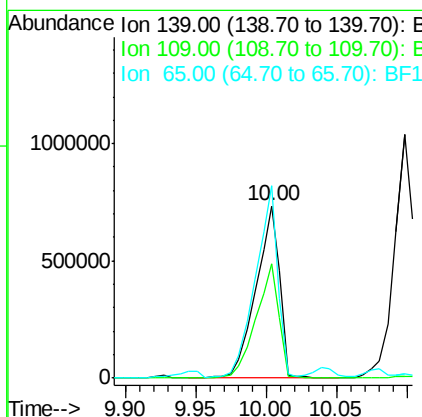
Manual Integrations
APPROVED

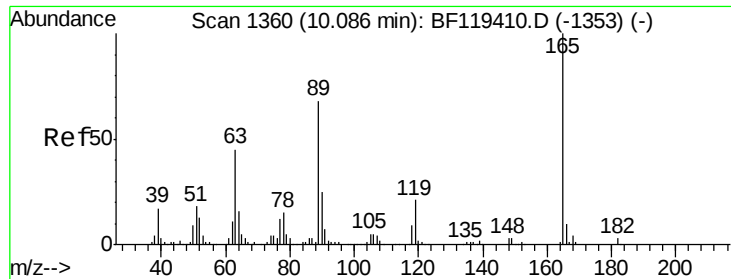
mohammad
3/27/2020 8:11:56 AM



#56
4-Nitrophenol
Concen: 88.817 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.3	39.6	79.6
65	111.8	78.3	118.3





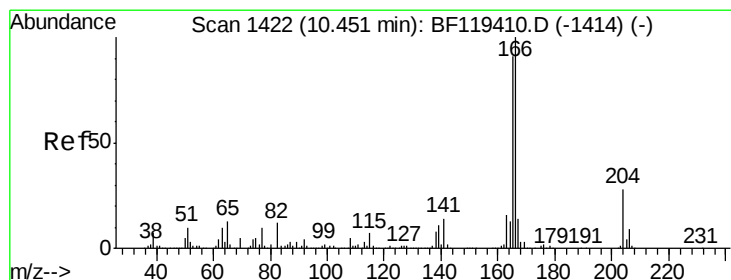
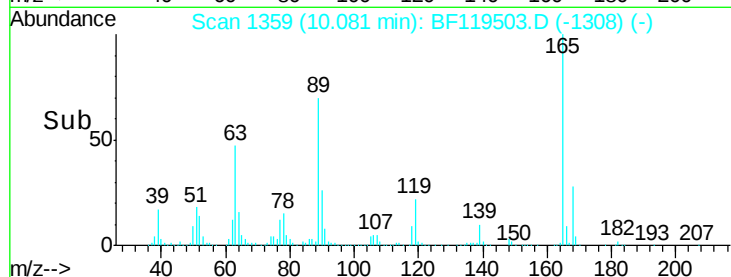
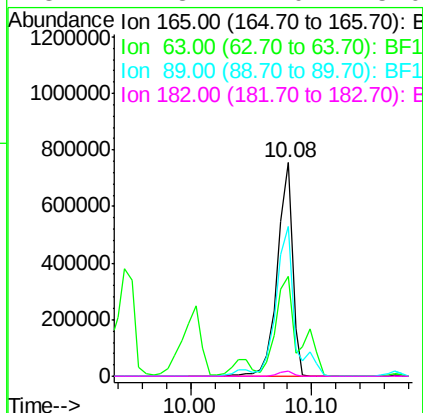
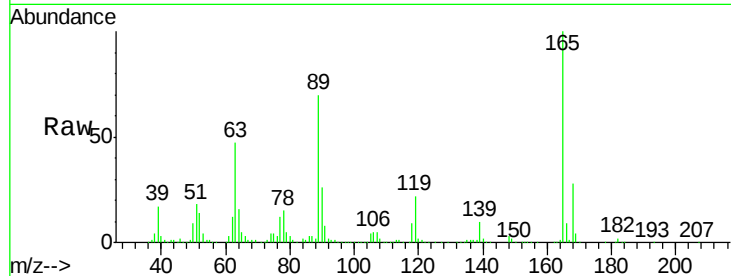
#57
 2,4-Dinitrotoluene
 Concen: 52.800 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BF119503.D
 Acq: 25 Mar 2020 13:52

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	647756		
63	46.8	36.2	54.4	
89	70.3	54.3	81.5	
182	2.3	2.0	3.0	

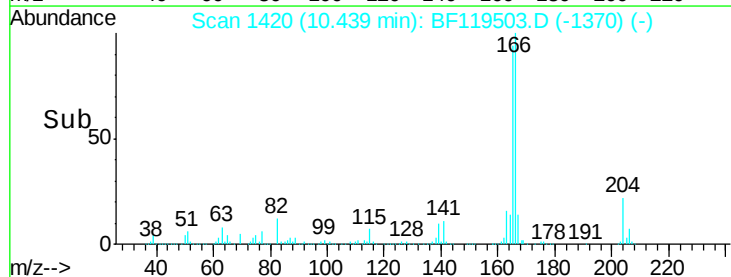
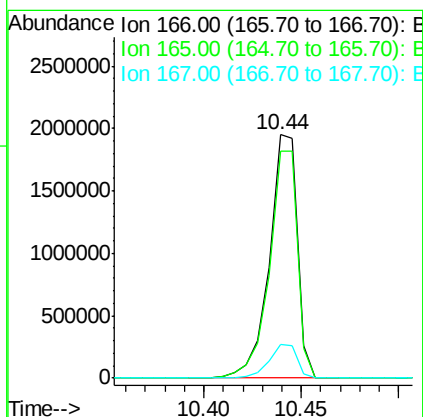
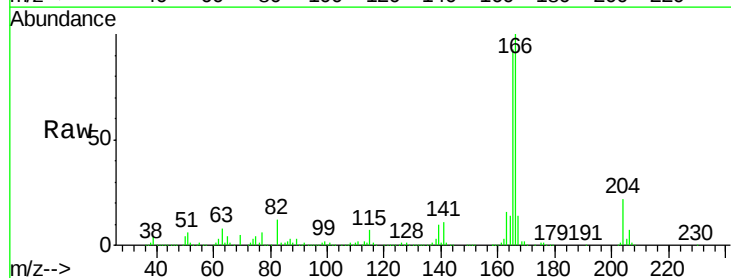
Manual Integrations
 APPROVED

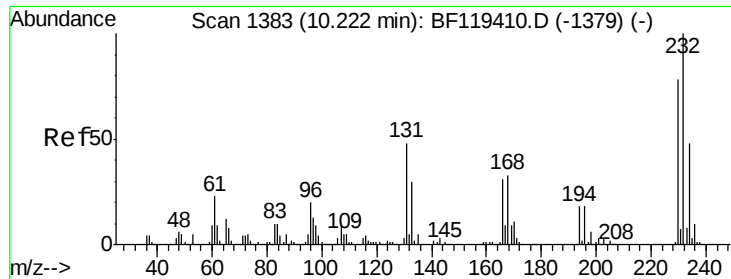
mohammad
 3/27/2020 8:11:56 AM



#58
 Fluorene
 Concen: 45.835 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF119503.D
 Acq: 25 Mar 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1941414		
165	93.4	73.1	109.7	
167	13.9	11.0	16.6	





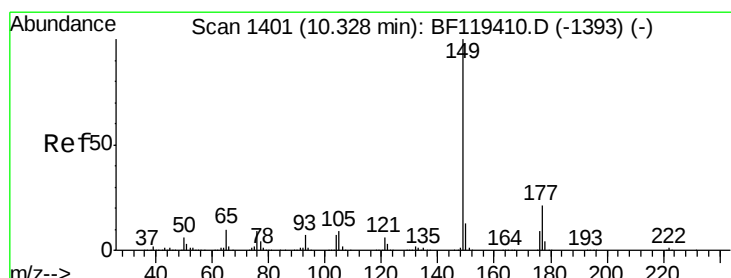
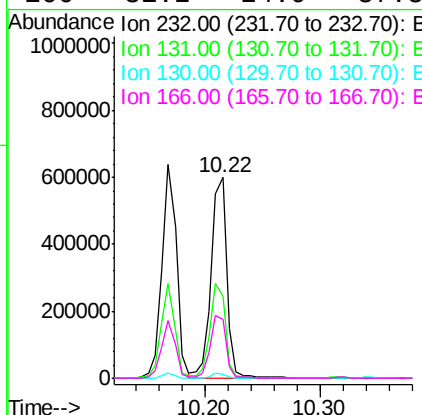
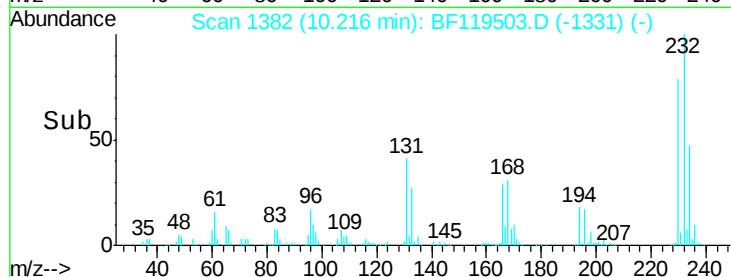
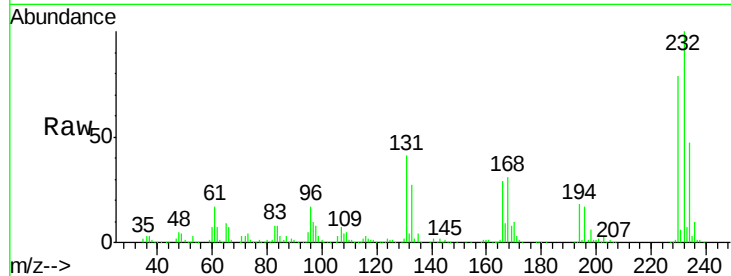
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.690 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF119503.D
 Acq: 25 Mar 2020 13:52

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		569494		
131	46.2	36.3	54.5		
130	2.2	1.8	2.6		
166	31.2	24.9	37.3		

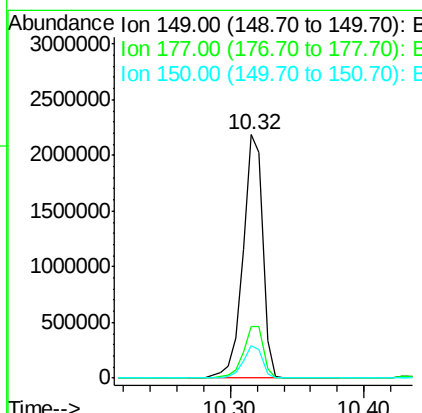
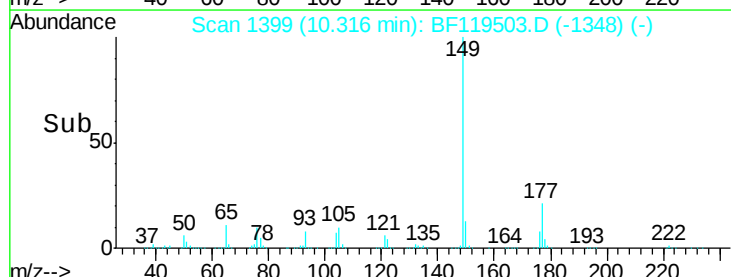
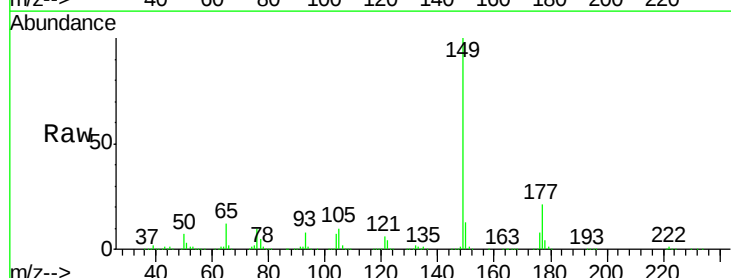
Manual Integrations
 APPROVED

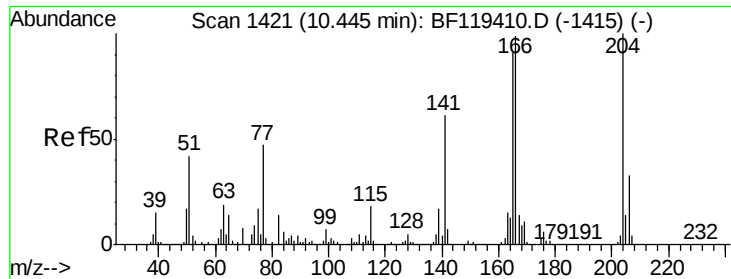
mohammad
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#60
 Diethylphthalate
 Concen: 48.019 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF119503.D
 Acq: 25 Mar 2020 13:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		2214325		
177	21.0	17.0	25.6		
150	13.1	10.2	15.4		





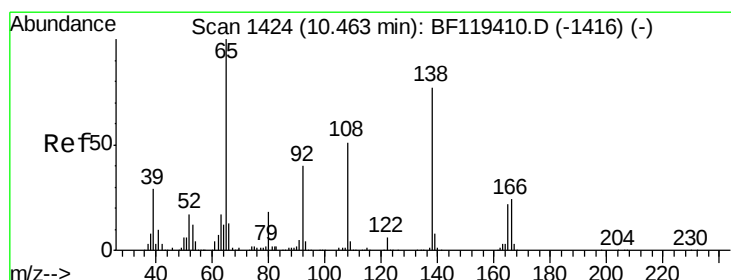
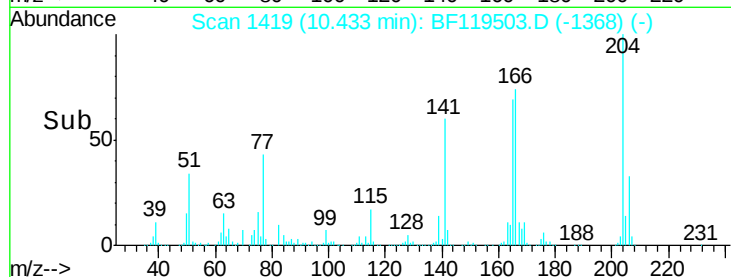
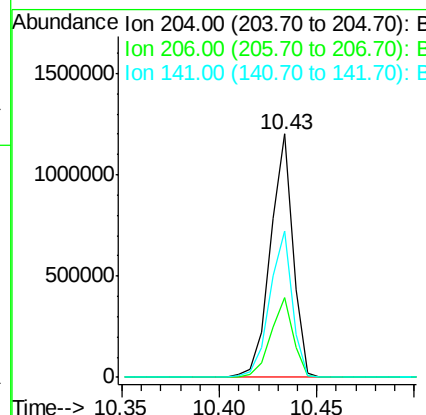
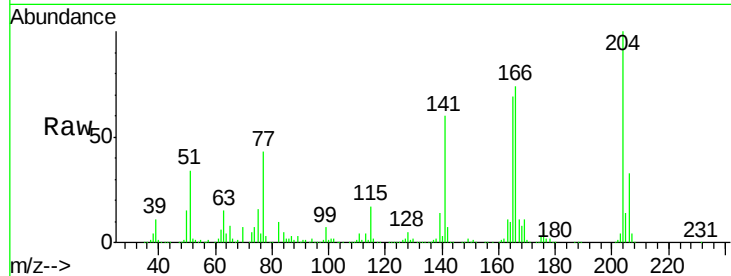
#61
 4-Chlorophenyl-phenylether
 Concen: 46.343 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.00 min
 Lab File: BF119503.D
 Acq: 25 Mar 2020 13:52

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.7	40.1
141	60.3	48.8	73.2

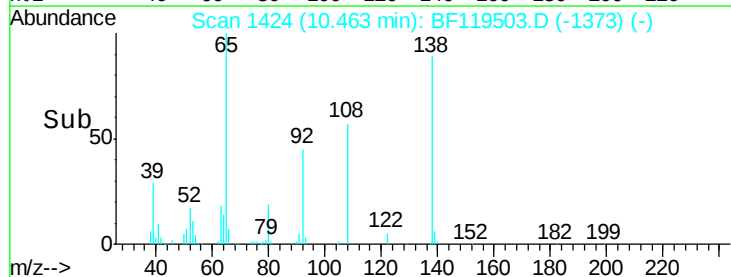
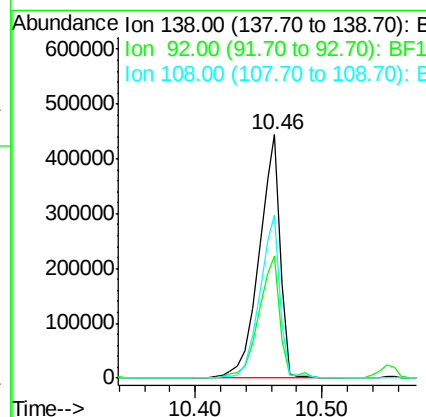
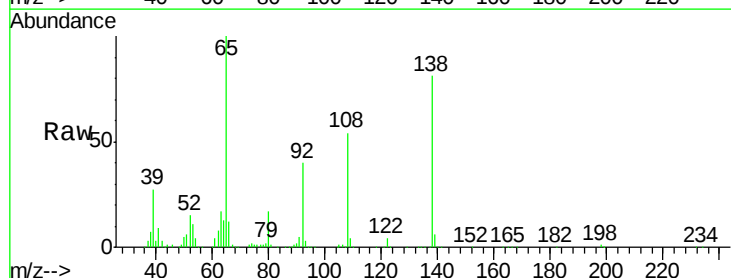
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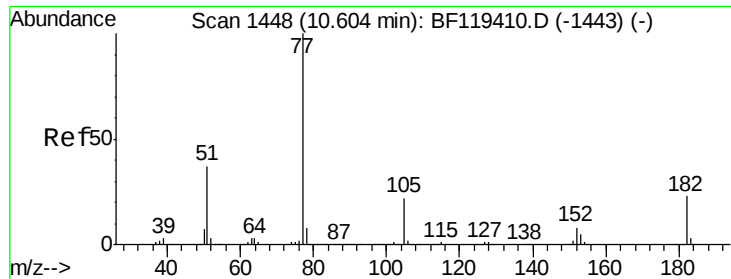
mohammad
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#62
 4-Nitroaniline
 Concen: 43.786 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF119503.D
 Acq: 25 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.1	32.0	72.0
108	66.8	46.0	86.0





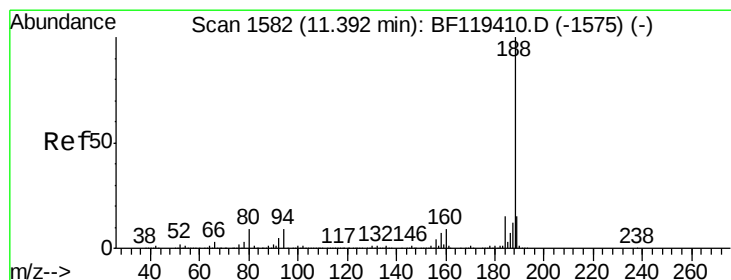
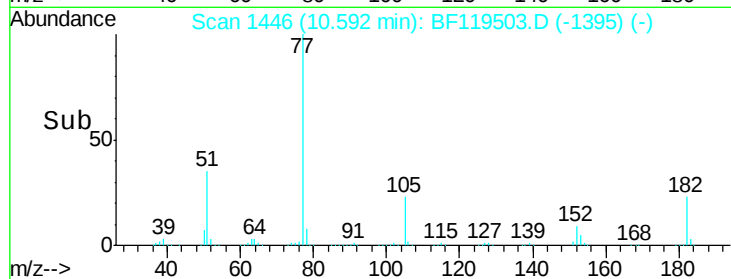
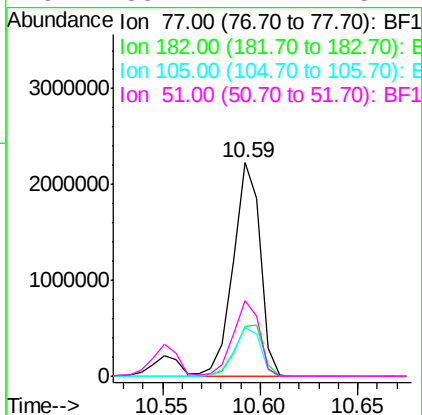
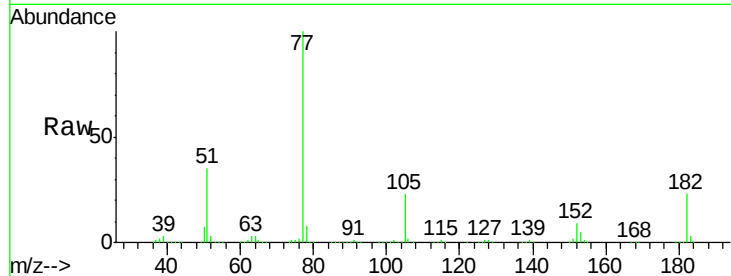
#63
Azobenzene
Concen: 45.892 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.4	2.5	42.5	
105	22.8	2.5	42.5	
51	35.4	17.1	57.1	

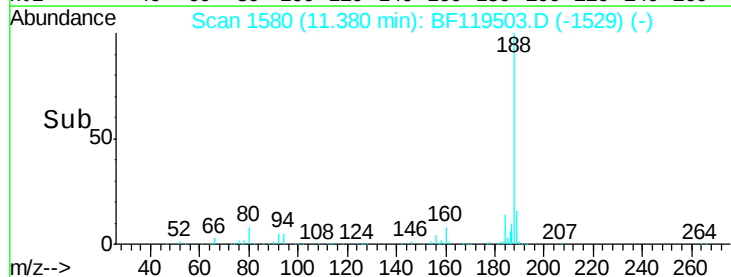
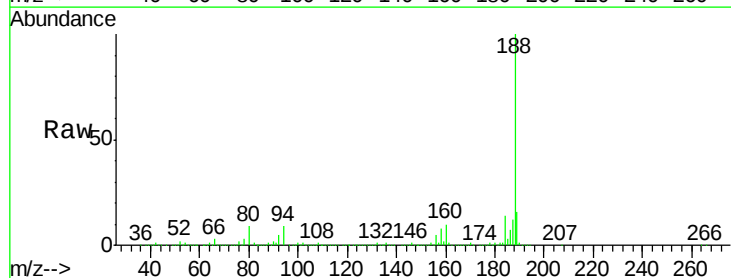
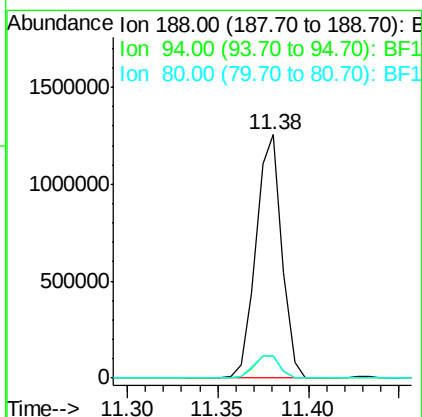
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.9	7.1	10.7	
80	8.9	7.5	11.3	





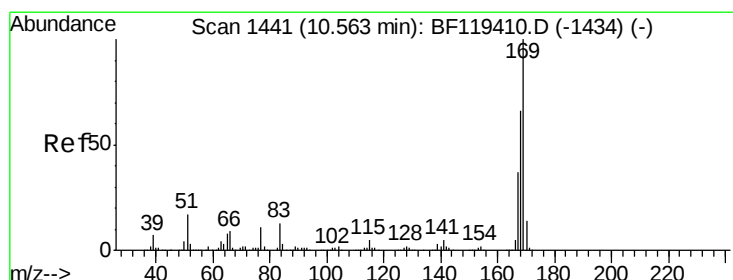
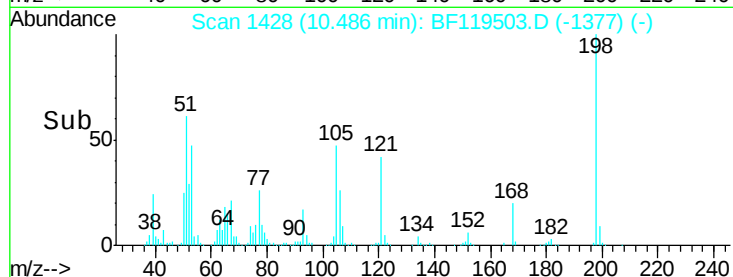
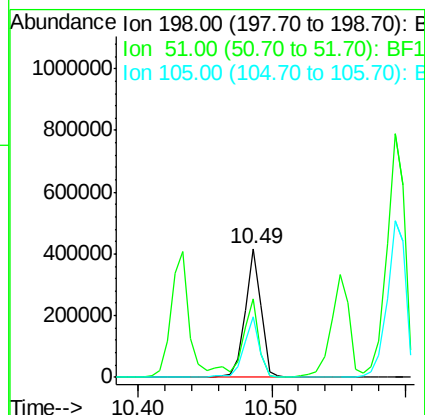
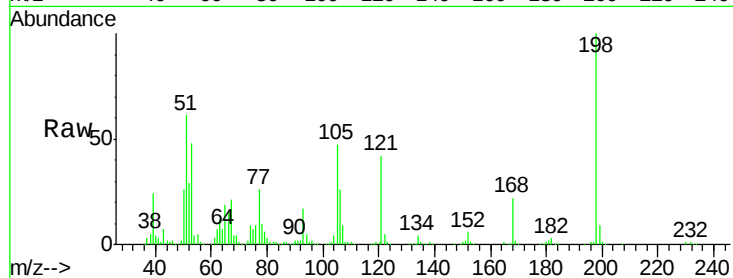
#65
4,6-Dinitro-2-methylphenol
Concen: 66.124 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Instrument :
BNA_F
ClientSampled :
PB127731BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	61.2	33.1	73.1
105	47.1	24.1	64.1

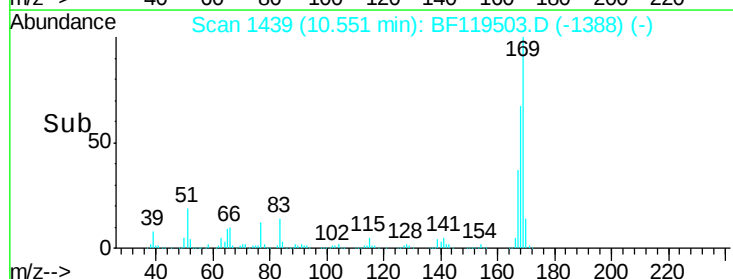
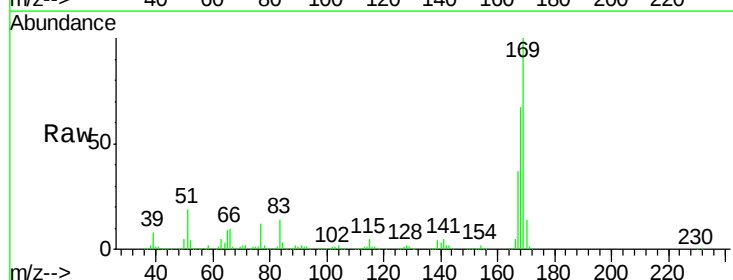
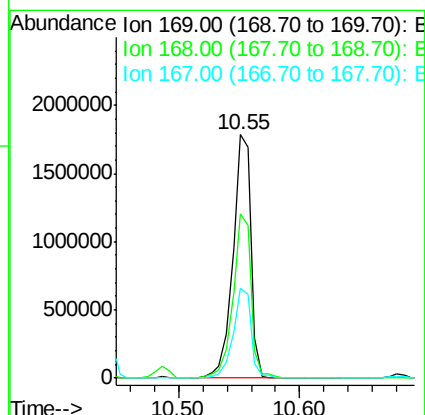
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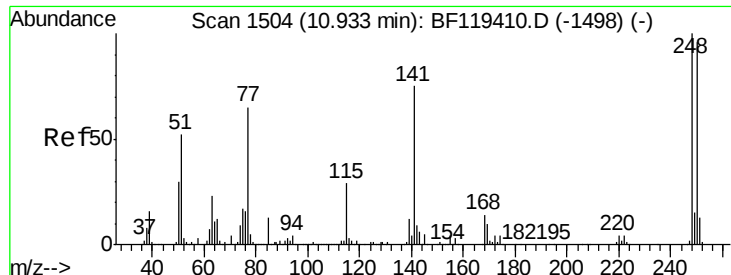
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#66
n-Nitrosodiphenylamine
Concen: 45.174 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	52.7	79.1
167	37.0	29.3	43.9





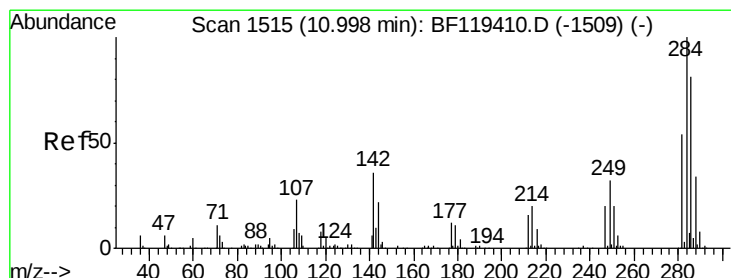
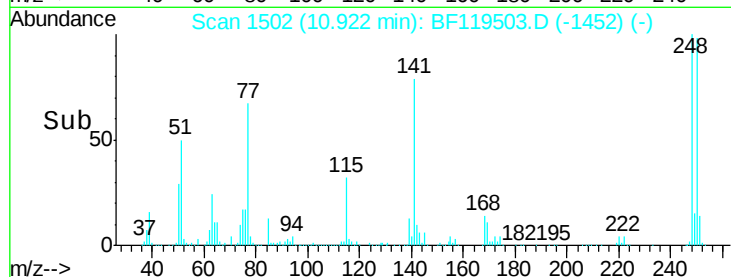
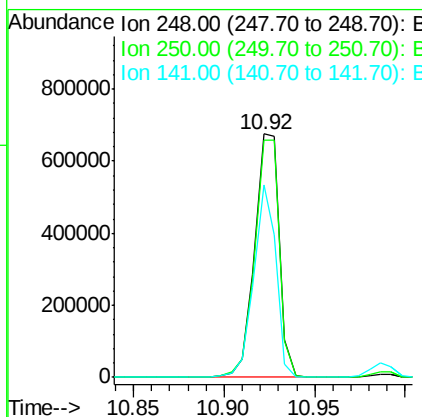
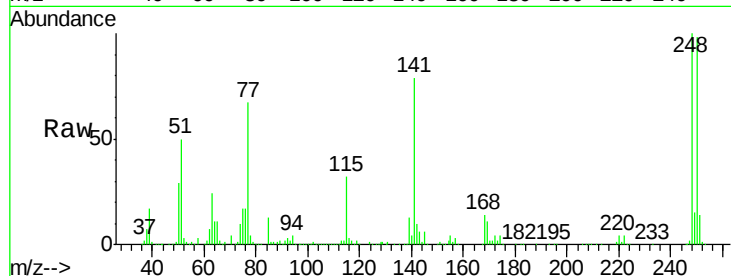
#67
 4-Bromophenyl-phenylether
 Concen: 45.168 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. -0.01 min
 Lab File: BF119503.D
 Acq: 25 Mar 2020 13:52

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.0	115.6
141	79.0	59.7	89.5

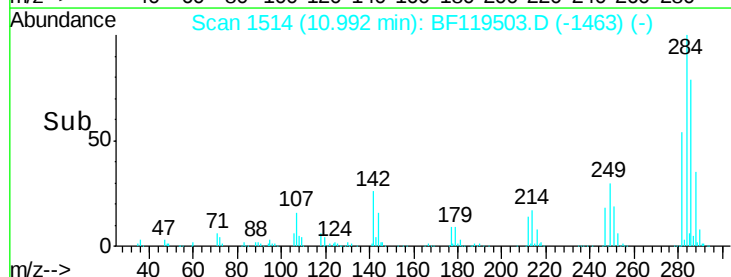
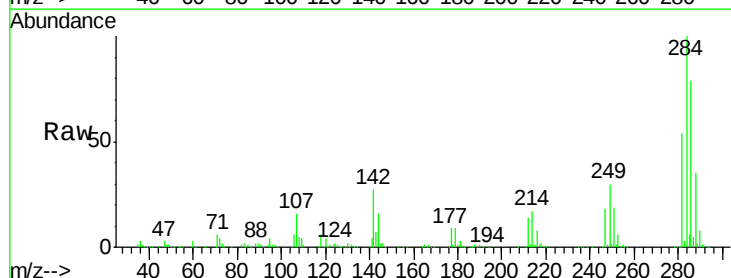
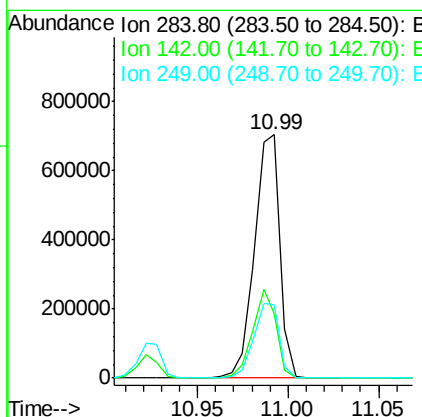
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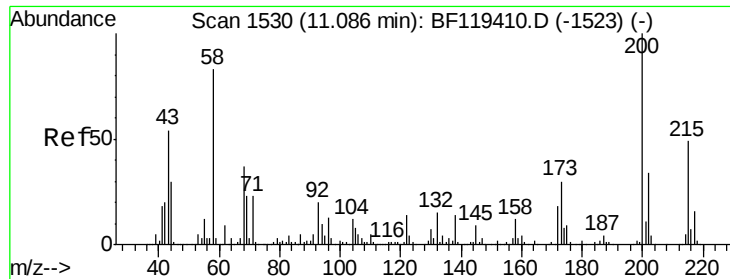
mohammad
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#68
 Hexachlorobenzene
 Concen: 47.495 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF119503.D
 Acq: 25 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.7	28.7	43.1#
249	30.1	25.4	38.0





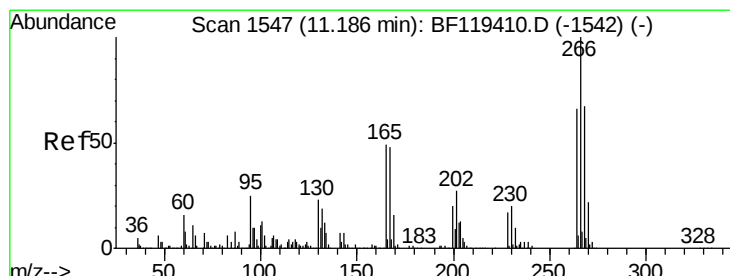
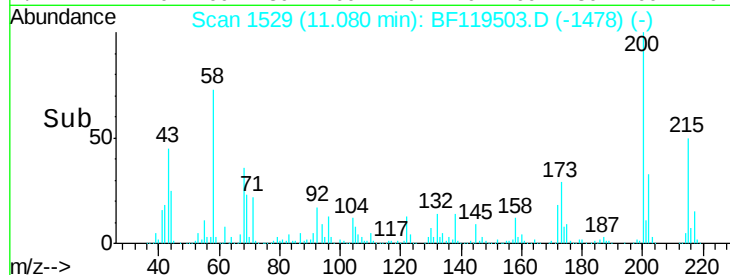
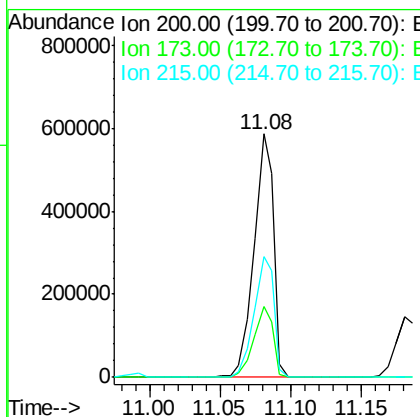
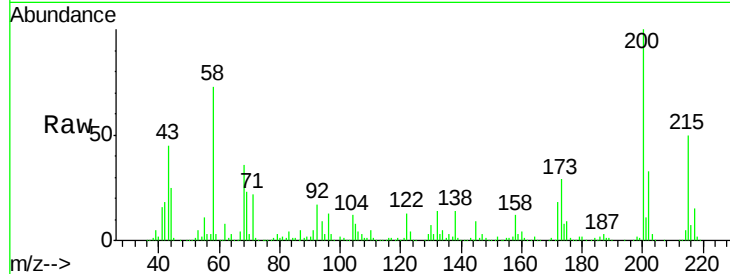
#69
Atrazine
Concen: 51.572 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.1	9.9	49.9
215	49.8	29.4	69.4

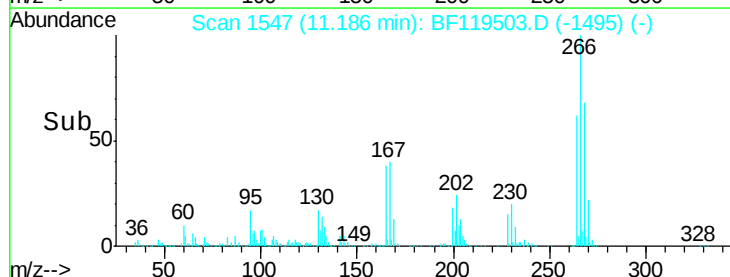
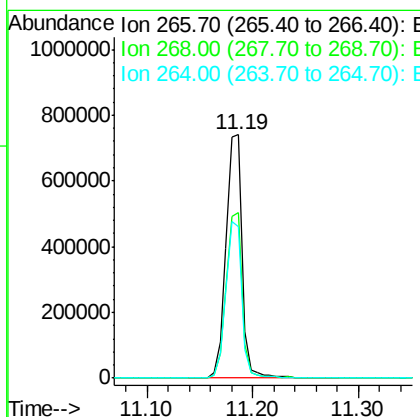
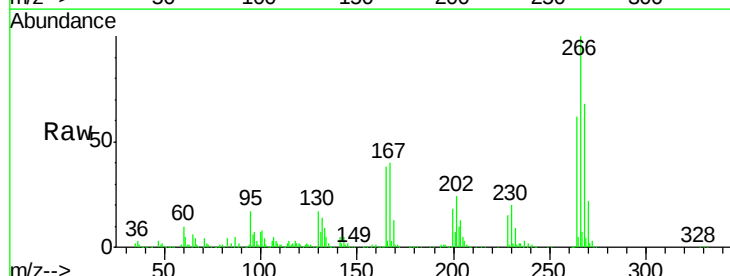
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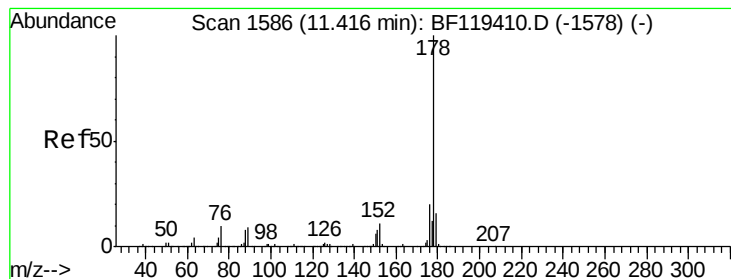
mohammad
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#70
Pentachlorophenol
Concen: 92.948 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.01 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	68.0	53.7	80.5
264	62.2	52.5	78.7





#71

Phenanthrene

Concen: 44.158 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BF119503.D

Acq: 25 Mar 2020 13:52

Instrument :

BNA_F

ClientSampleId :

PB127731BS

Tot Ion:178 Resp: 2838936

Ion Ratio Lower Upper

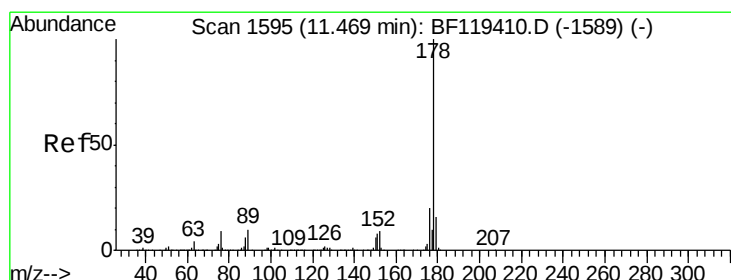
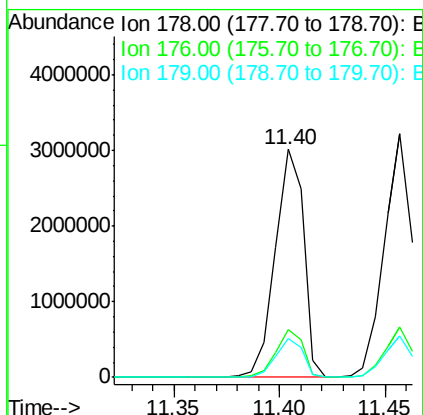
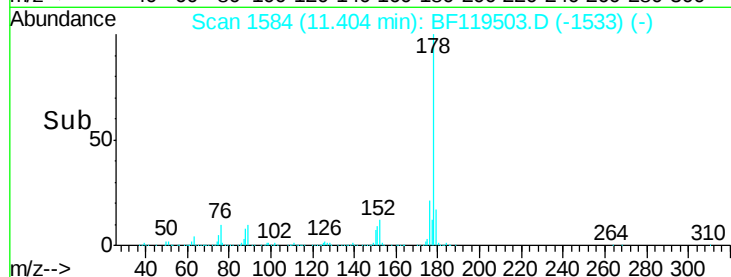
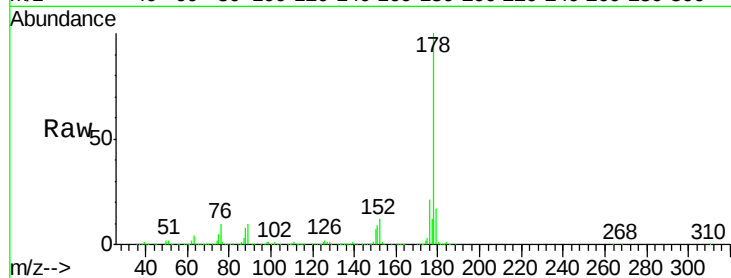
178 100

176 20.9 16.2 24.4

179 17.1 12.9 19.3

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#72

Anthracene

Concen: 44.731 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BF119503.D

Acq: 25 Mar 2020 13:52

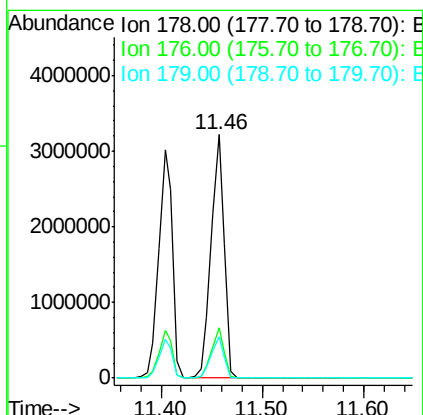
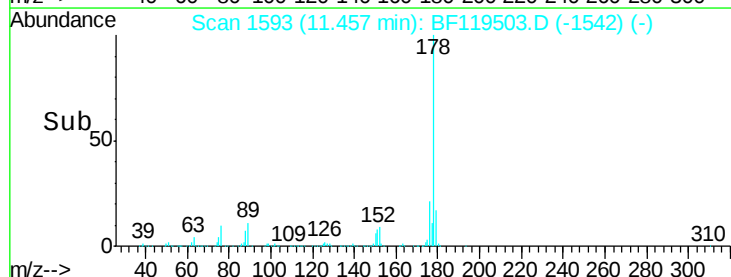
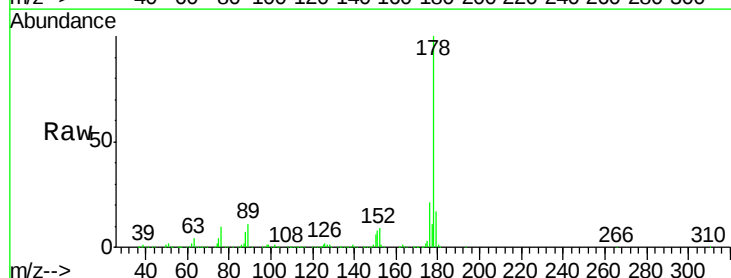
Tgt Ion:178 Resp: 2922811

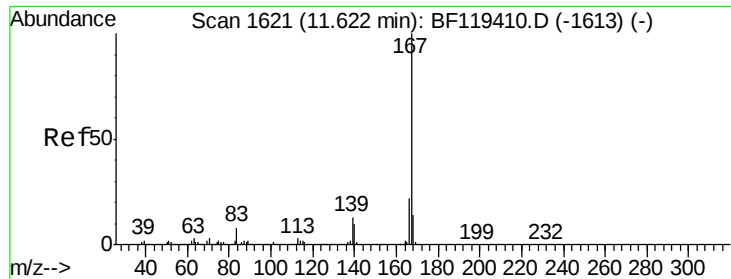
Ion Ratio Lower Upper

178 100

176 20.9 15.6 23.4

179 16.9 13.1 19.7





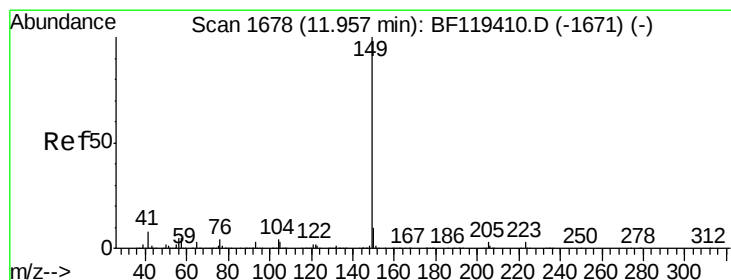
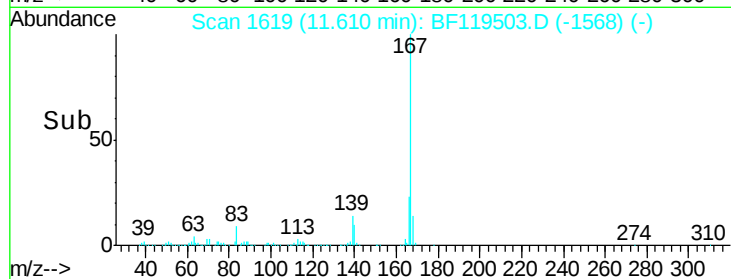
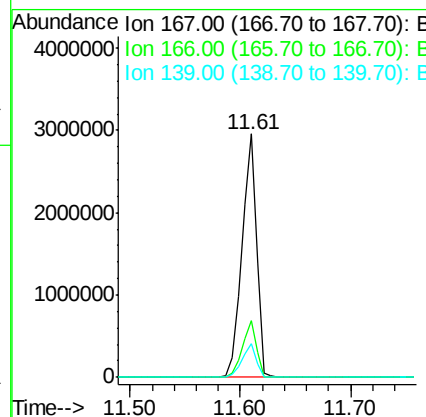
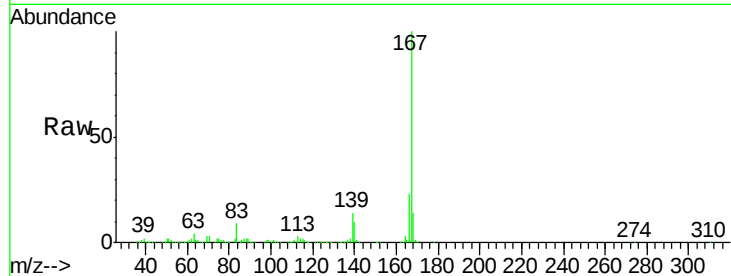
#73
 Carbazole
 Concen: 42.627 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BF119503.D
 Acq: 25 Mar 2020 13:52

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.8	26.6
139	13.7	10.2	15.4

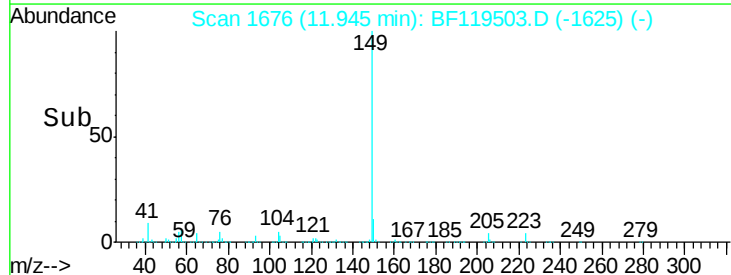
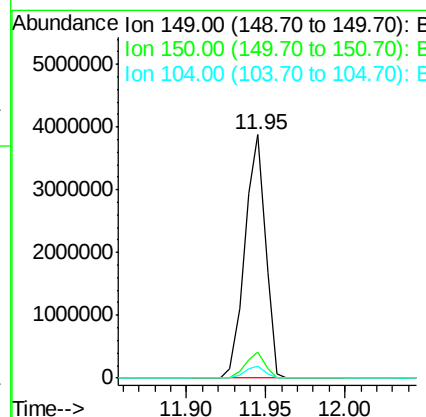
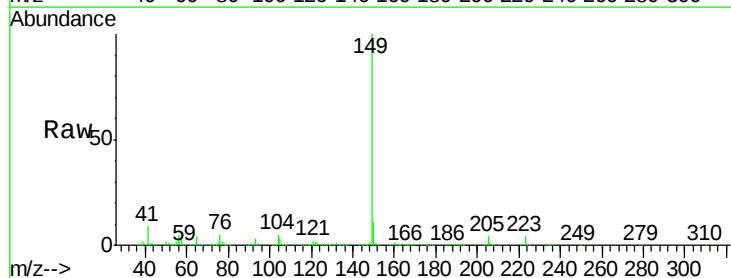
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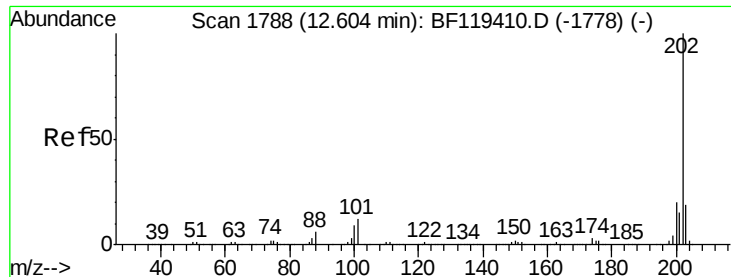
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#74
 Di-n-butylphthalate
 Concen: 50.181 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: BF119503.D
 Acq: 25 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.6	11.4
104	5.1	3.5	5.3





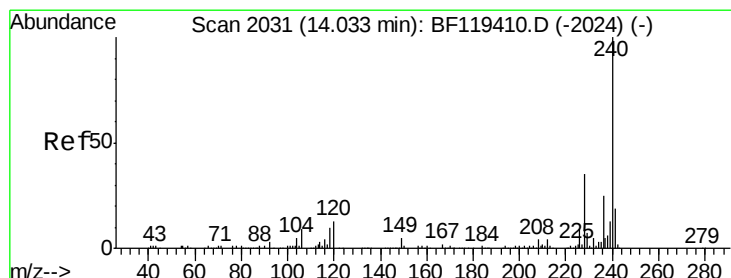
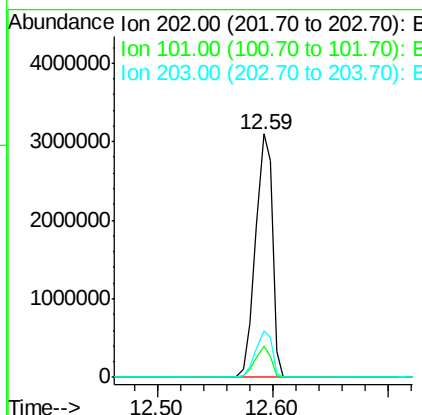
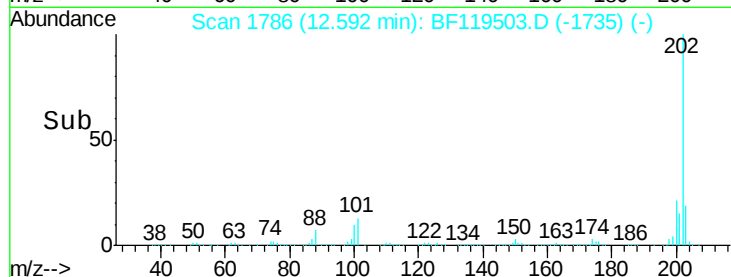
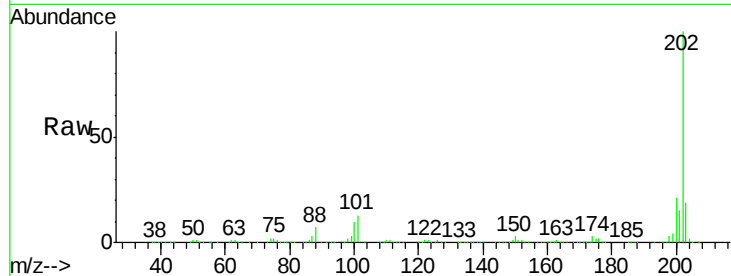
#75
Fluoranthene
Concen: 45.611 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.4
203	19.1	0.0	38.5

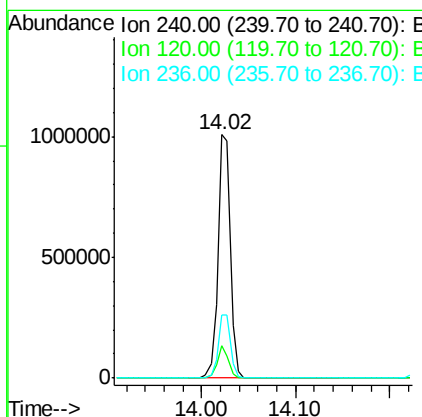
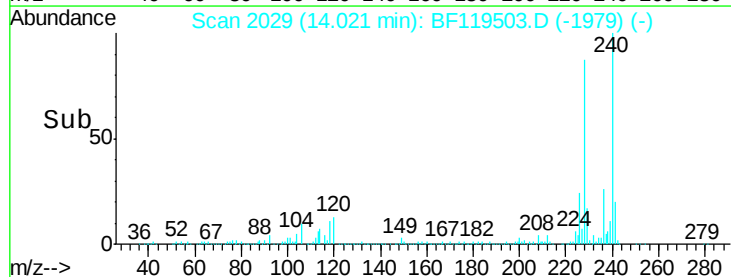
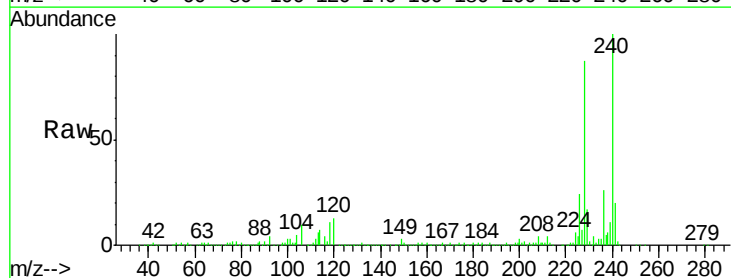
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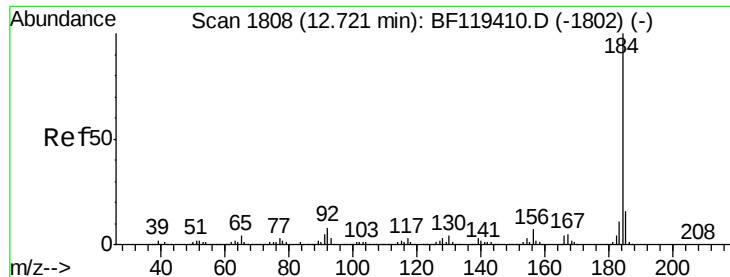
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.2	10.2	15.4
236	25.9	20.4	30.6





#77

Benzidine

Concen: 38.067 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF119503.D

Acq: 25 Mar 2020 13:52

Instrument :

BNA_F

ClientSampleId :

PB127731BS

Tot Ion:184 Resp: 1494618

Ion Ratio Lower Upper

184 100

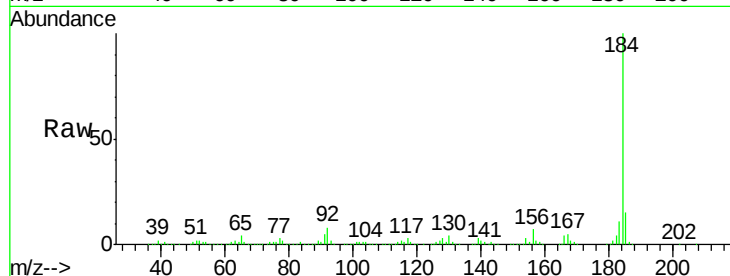
185 14.7 12.9 19.3

183 10.6 9.0 13.4

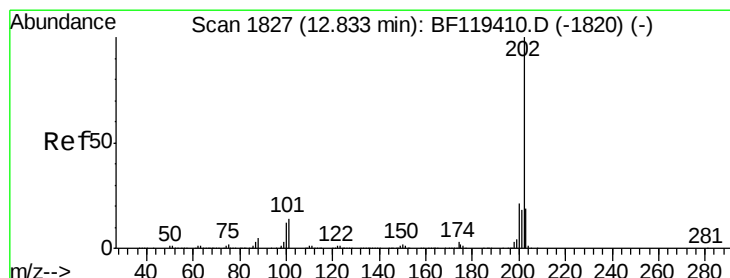
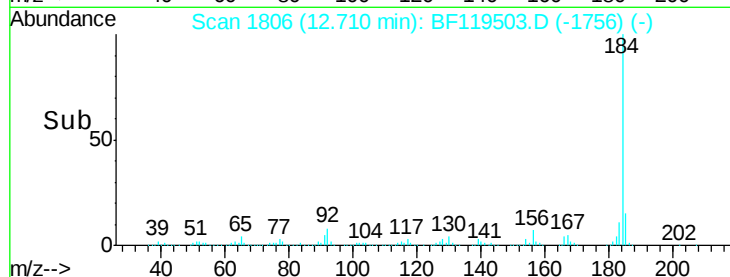
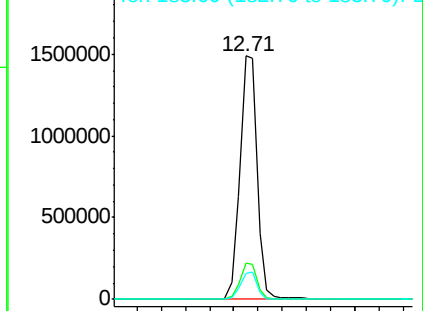
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Abundance Ion 184.00 (183.70 to 184.70): E
2000000 Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.704 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119503.D

Acq: 25 Mar 2020 13:52

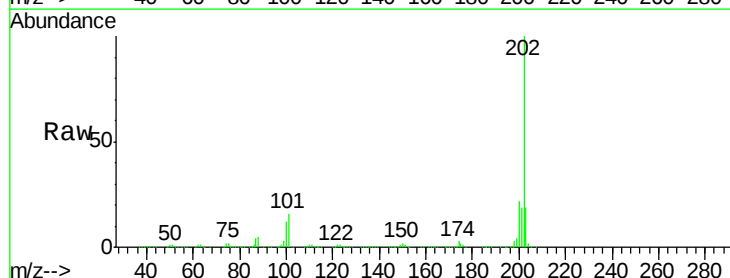
Tgt Ion:202 Resp: 3175398

Ion Ratio Lower Upper

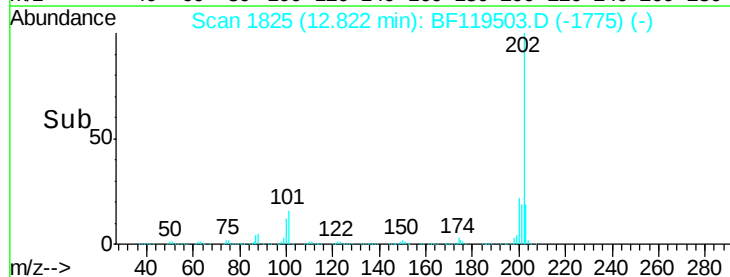
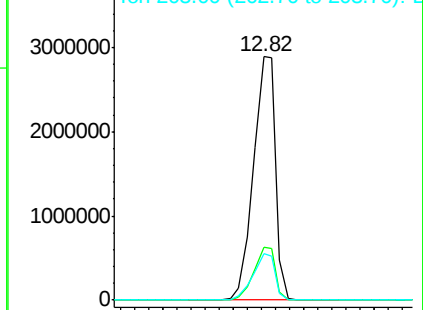
202 100

200 21.6 16.8 25.2

203 19.2 14.8 22.2



Abundance Ion 202.00 (201.70 to 202.70): E
4000000 Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





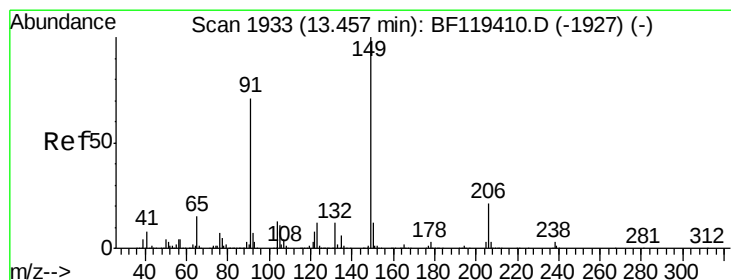
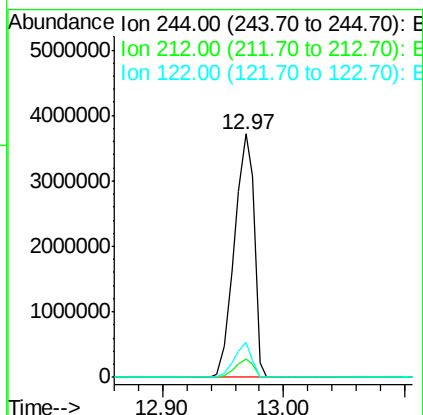
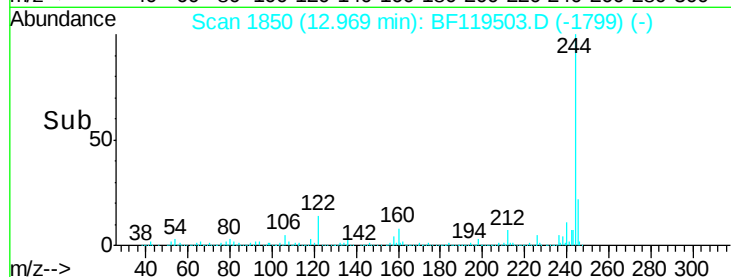
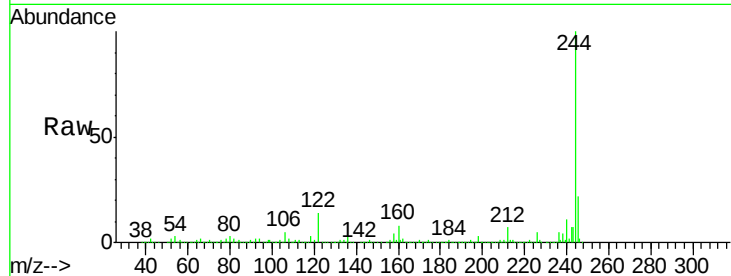
#79
 Terphenyl-d14
 Concen: 89.775 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BF119503.D
 Acq: 25 Mar 2020 13:52

Instrument :
 BNA_F
 ClientSampleID :
 PB127731BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	14.2	9.8	14.8

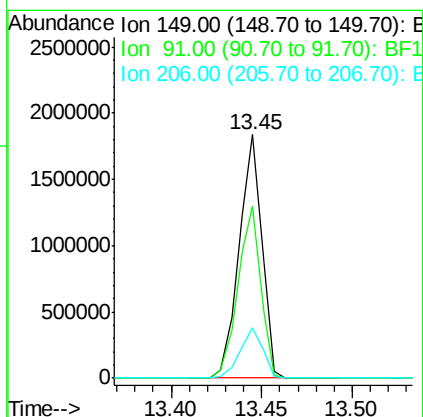
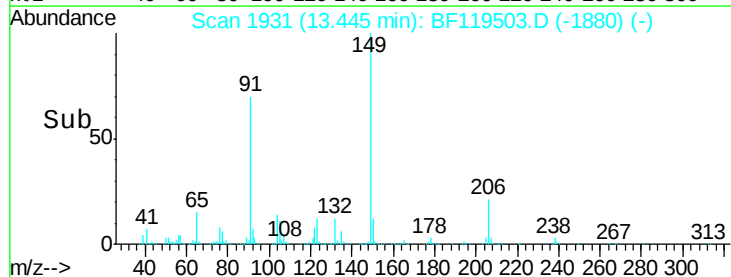
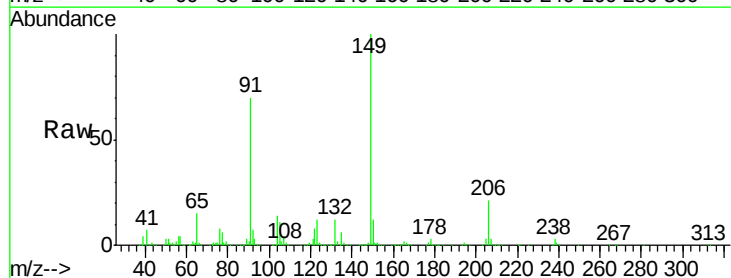
Manual Integrations
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#80
 Butylbenzylphthalate
 Concen: 51.733 ng
 RT: 13.45 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: BF119503.D
 Acq: 25 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.4	57.0	85.6
206	20.5	16.4	24.6





#81

Benzo(a)anthracene

Concen: 42.670 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF119503.D

Acq: 25 Mar 2020 13:52

Instrument :

BNA_F

ClientSampleId :

PB127731BS

Tot Ion:228 Resp: 2574320

Ion Ratio Lower Upper

228 100

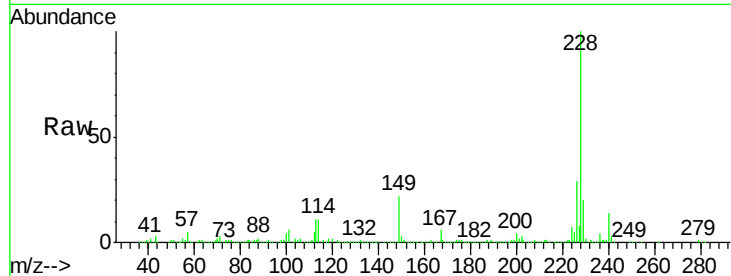
226 28.5 22.3 33.5

229 20.3 16.3 24.5

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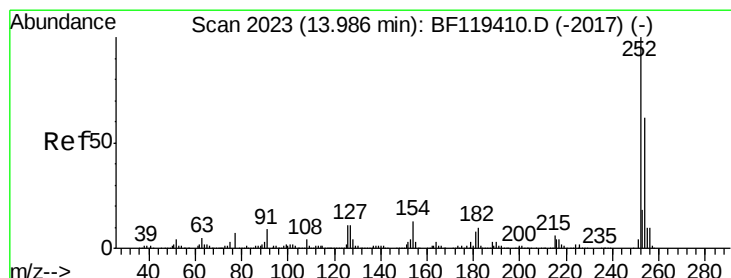
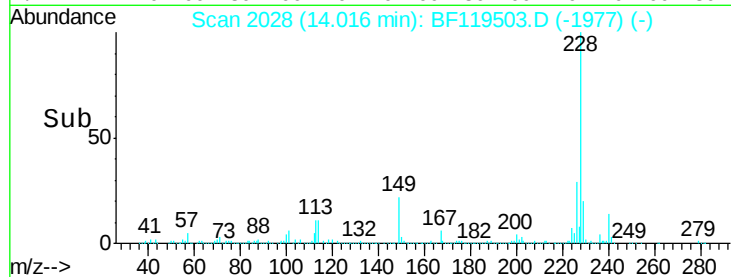
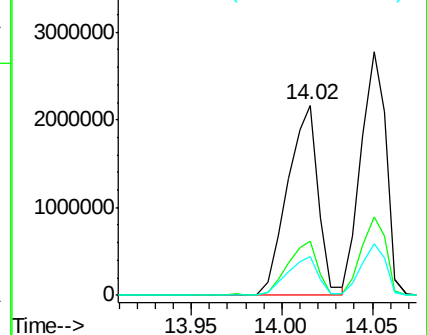
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.907 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF119503.D

Acq: 25 Mar 2020 13:52

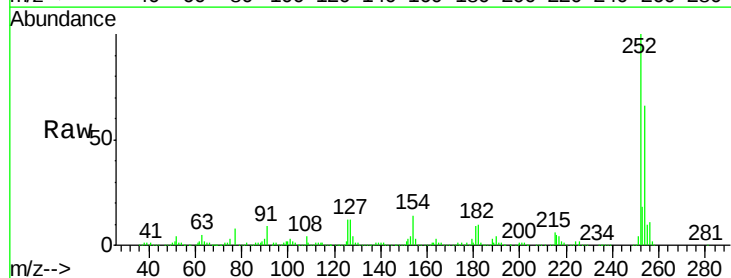
Tgt Ion:252 Resp: 877939

Ion Ratio Lower Upper

252 100

254 65.7 49.8 74.8

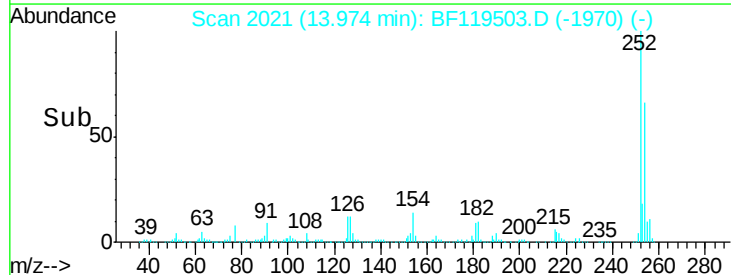
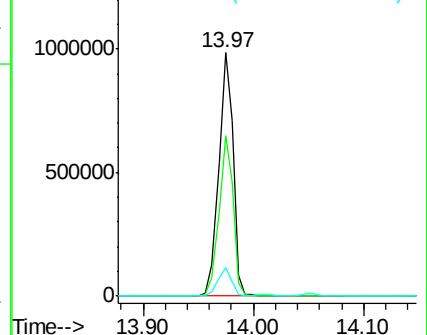
126 11.9 8.9 13.3



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





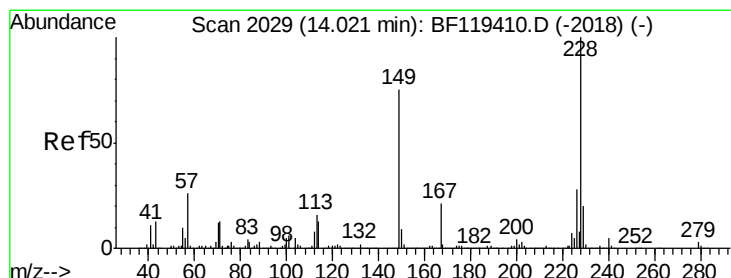
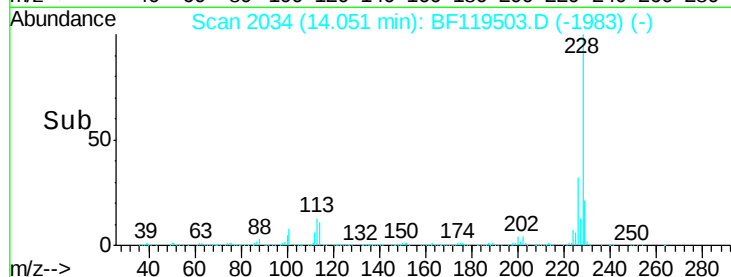
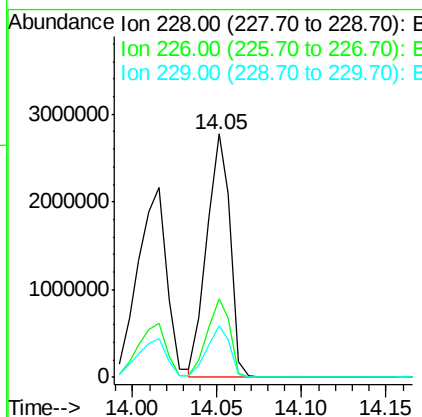
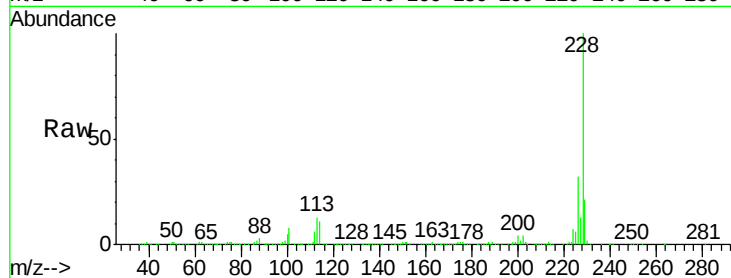
#83
 Chrvsene
 Concen: 42.996 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BF119503.D
 Acq: 25 Mar 2020 13:52

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

Tot Ion:228 Resp: 2677089
 Ion Ratio Lower Upper
 228 100
 226 32.2 24.8 37.2
 229 21.4 16.6 25.0

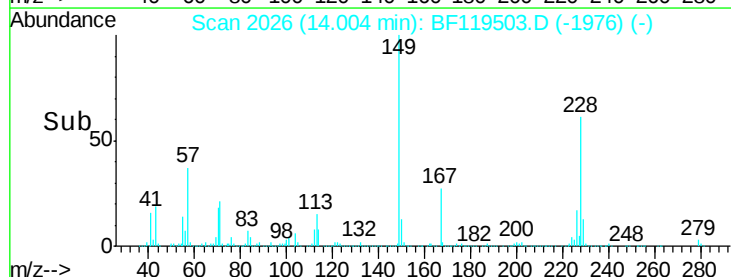
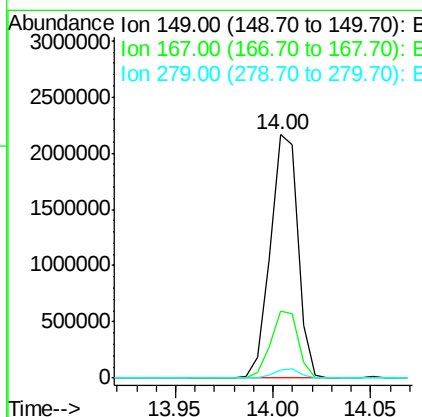
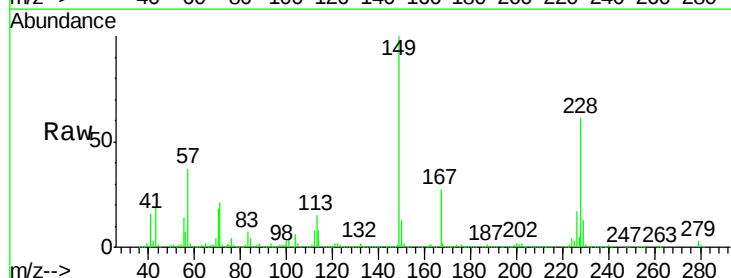
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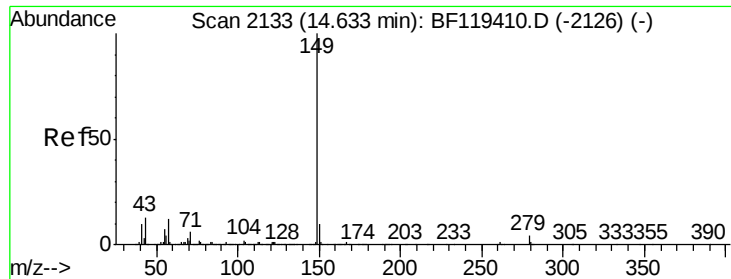
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 57.619 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF119503.D
 Acq: 25 Mar 2020 13:52

Tgt Ion:149 Resp: 2115256
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.0 33.0
 279 3.5 3.2 4.8





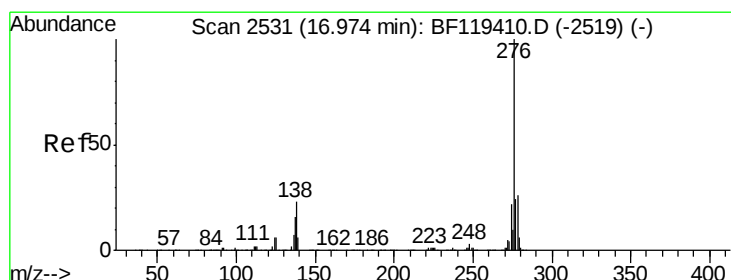
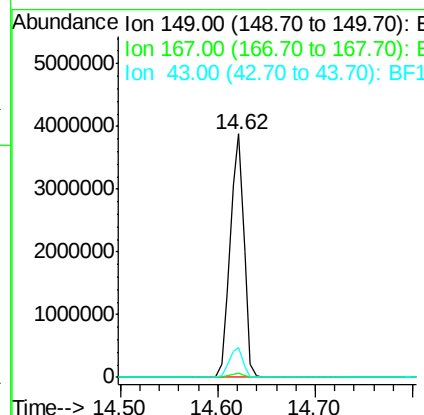
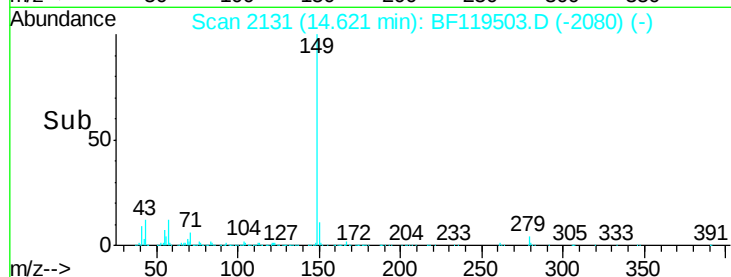
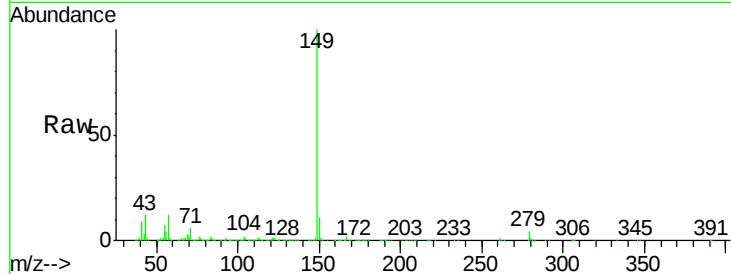
#85
Di-n-octyl phthalate
Concen: 59.035 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion:149 Resp: 3811492
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7#
43 12.0 10.1 15.1

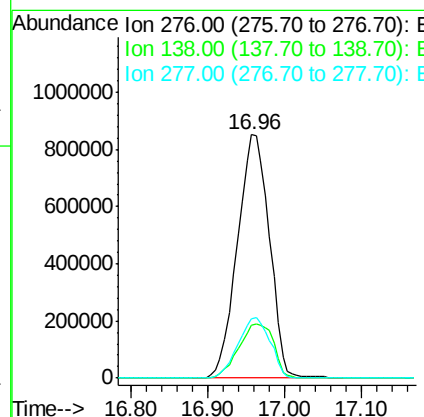
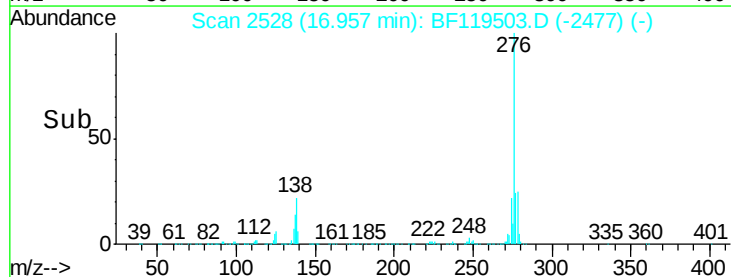
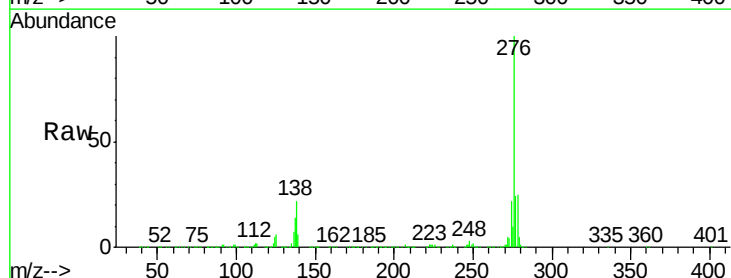
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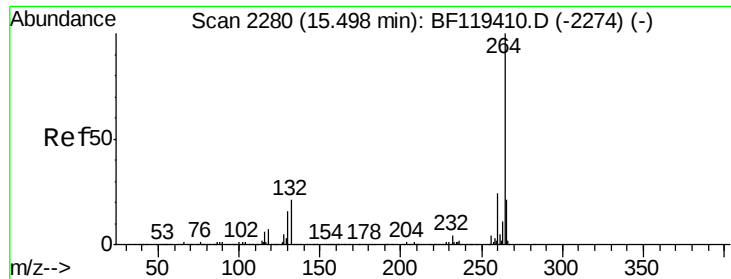
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.309 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.00 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Tgt Ion:276 Resp: 2481004
Ion Ratio Lower Upper
276 100
138 24.3 21.3 31.9
277 25.1 20.2 30.2





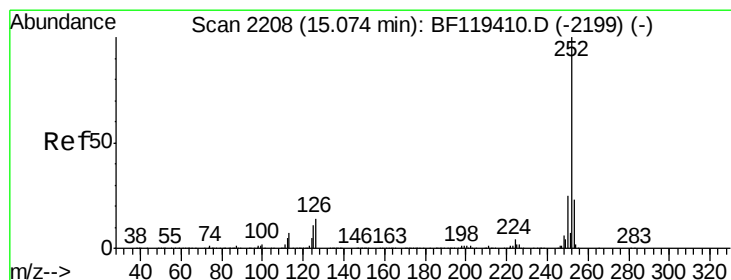
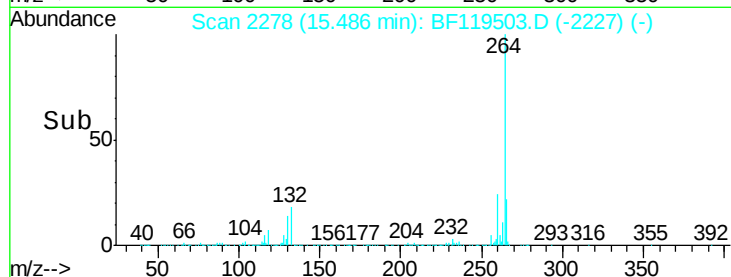
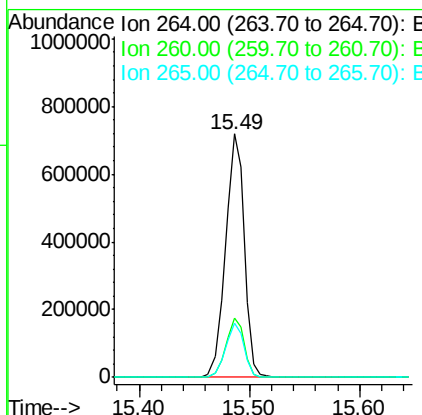
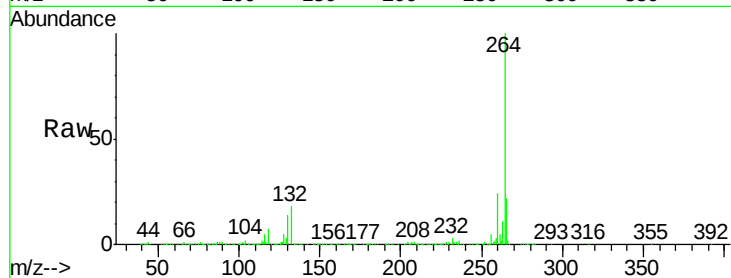
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.0	16.9	25.3

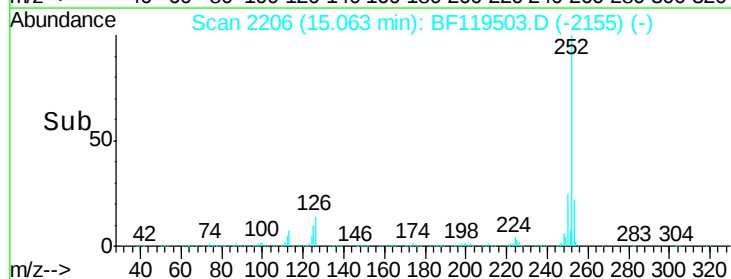
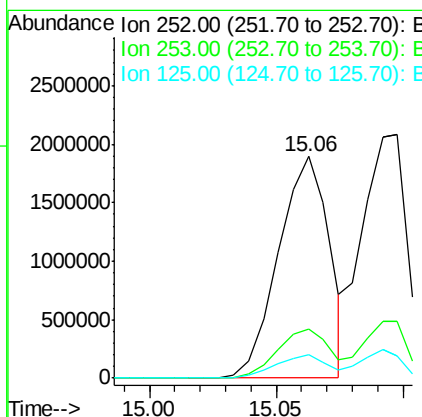
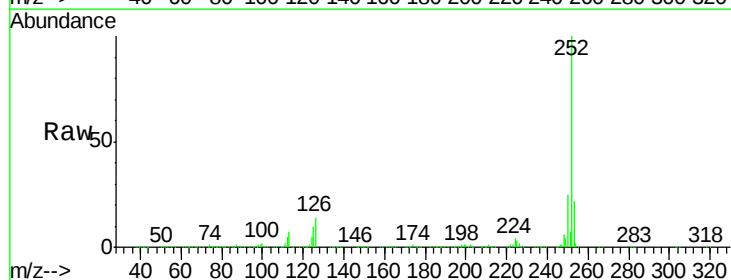
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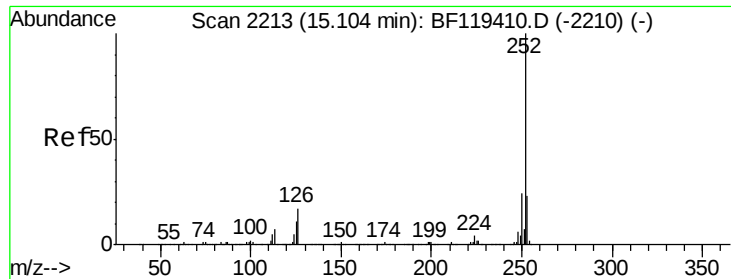
mohammad
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#88
Benzo(b)fluoranthene
Concen: 46.240 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	10.4	8.8	13.2





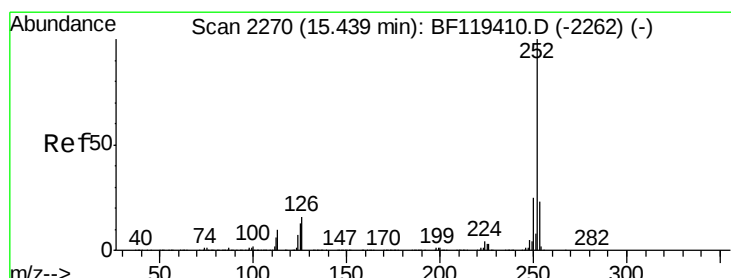
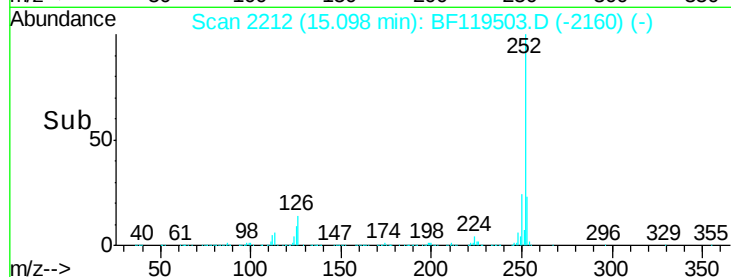
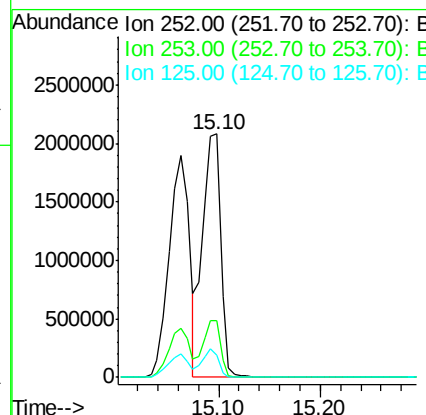
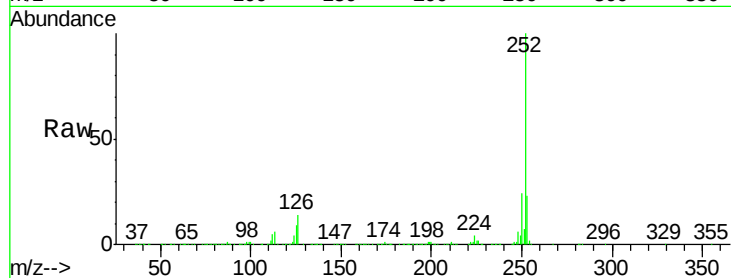
#89
Benzo(k)fluoranthene
Concen: 47.375 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Instrument :
BNA_F
ClientSampled :
PB127731BS

Tot Ion:252 Resp: 2582544
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.4
125 9.2 9.0 13.4

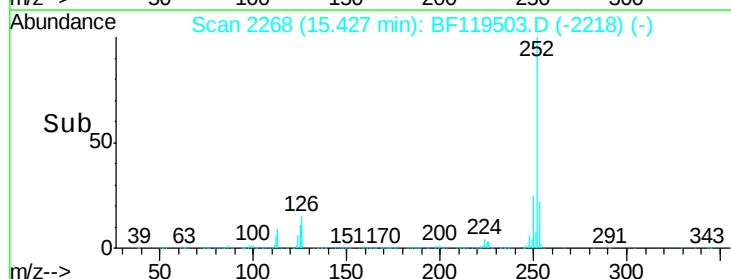
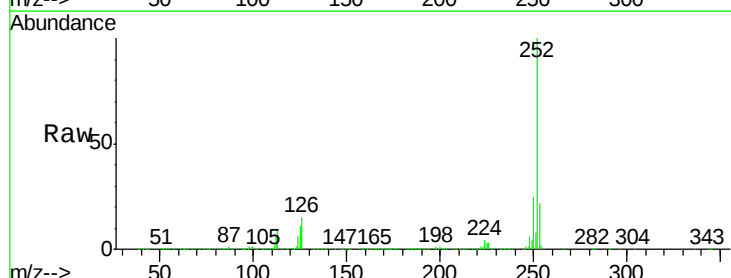
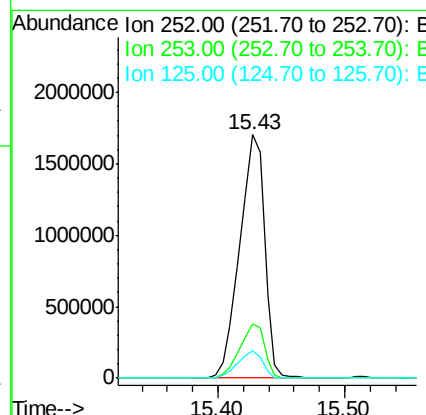
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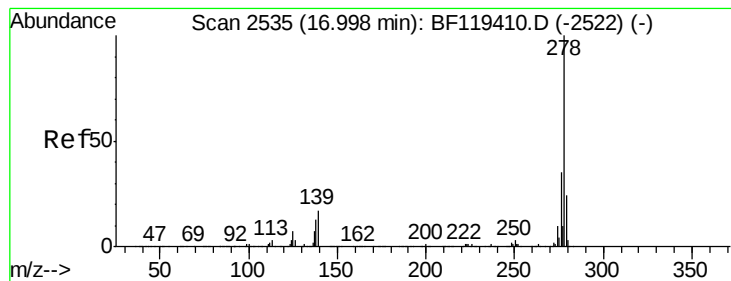
mohammad
3/27/2020 8:11:56 AM



#90
Benzo(a)pyrene
Concen: 44.503 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF119503.D
Acq: 25 Mar 2020 13:52

Tgt Ion:252 Resp: 2315354
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 11.4 10.2 15.2





#91

Dibenzo(a,h)anthracene

Concen: 44.730 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.00 min

Lab File: BF119503.D

Acq: 25 Mar 2020 13:52

Instrument :

BNA_F

ClientSampleId :

PB127731BS

Tot Ion:278 Resp: 2035491

Ion Ratio Lower Upper

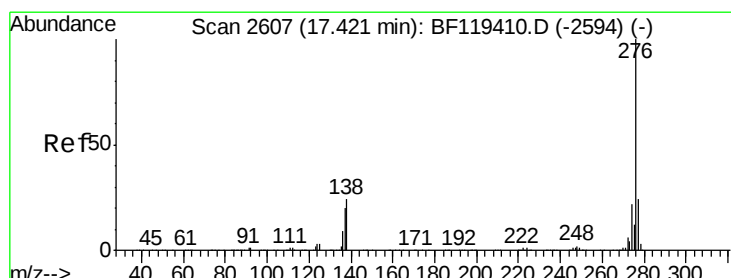
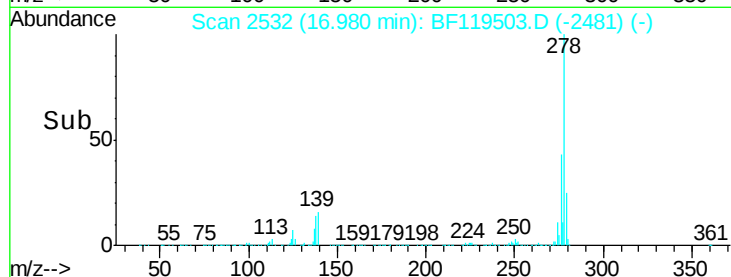
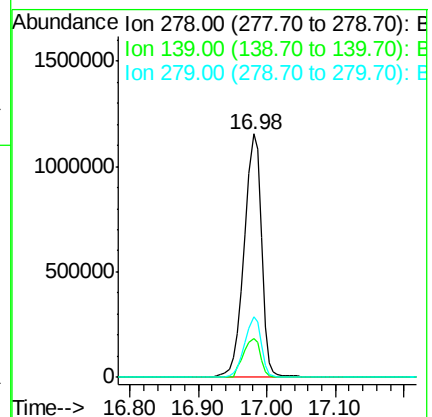
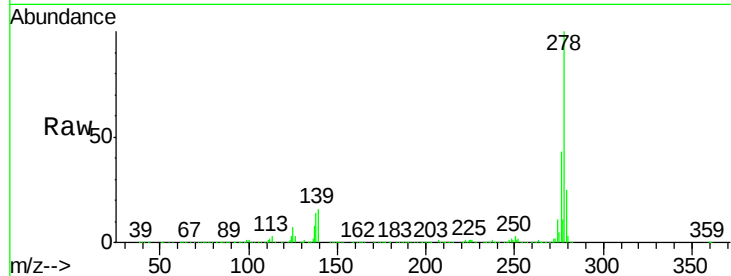
278 100

139 16.2 13.7 20.5

279 24.7 19.2 28.8

Manual Integrations
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mohammad
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#92

Benzo(g,h,i)perylene

Concen: 43.877 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.00 min

Lab File: BF119503.D

Acq: 25 Mar 2020 13:52

Tgt Ion:276 Resp: 2005911

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 21.1 19.1 28.7

