

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119767.D
 Acq On : 6 Apr 2020 13:12
 Operator : MA/SJ
 Sample : PB127997BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127997BS

Manual Integrations
 APPROVED

mohammad
 4/8/2020 8:12:15 AM

Quant Time: Apr 06 13:43:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	156551	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	634436	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	320026	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	584663	20.00	ng	0.00
76) Chrysene-d12	13.96	240	430427	20.00	ng	0.00
87) Perylene-d12	15.40	264	503748	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1221888	124.25	ng	0.02
7) Phenol-d6	6.42	99	1520162	121.01	ng	0.00
23) Nitrobenzene-d5	7.35	82	947157	81.14	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	441970	133.87	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1868272	86.49	ng	0.00
79) Terphenyl-d14	12.90	244	2066796	94.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	160574	33.060	ng	99
3) Pyridine	3.27	79	444049	33.185	ng	97
4) n-Nitrosodimethylamine	3.22	42	250523	38.393	ng	97
6) Aniline	6.45	93	431020	24.860	ng	96
8) 2-Chlorophenol	6.57	128	477783	46.258	ng	97
9) Benzaldehyde	6.33	77	243925	30.608	ng	99
10) Phenol	6.43	94	595529	44.428	ng	98
11) bis(2-Chloroethyl)ether	6.52	93	449704	41.947	ng	99
12) 1,3-Dichlorobenzene	6.72	146	486592	43.528	ng	95
13) 1,4-Dichlorobenzene	6.80	146	492493	44.045	ng	98
14) 1,2-Dichlorobenzene	6.96	146	468218	44.799	ng	98
15) Benzyl Alcohol	6.93	79	387741	41.032	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	810546	37.483	ng	99
17) 2-Methylphenol	7.04	107	377665	39.908	ng	98
18) Hexachloroethane	7.30	117	192220	46.909	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	316837	41.843	ng	99
20) 3+4-Methylphenols	7.19	107	472805	40.767	ng	# 78
22) Acetophenone	7.19	105	616126	40.643	ng	# 88
24) Nitrobenzene	7.37	77	504156	40.412	ng	95
25) Isophorone	7.61	82	885660	37.401	ng	99
26) 2-Nitrophenol	7.69	139	251302	51.160	ng	# 86
27) 2,4-Dimethylphenol	7.72	122	420135	41.364	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	592019	42.278	ng	100
29) 2,4-Dichlorophenol	7.93	162	408174	43.737	ng	98
30) 1,2,4-Trichlorobenzene	8.01	180	450461	43.645	ng	100
31) Naphthalene	8.09	128	1435882	43.980	ng	98
32) Benzoic acid	7.85	122	323694	49.544	ng	95
33) 4-Chloroaniline	8.14	127	211209	14.118	ng	98
34) Hexachlorobutadiene	8.21	225	255394	44.227	ng	98
35) Caprolactam	8.50	113	124706m	40.829	ng	
36) 4-Chloro-3-methylphenol	8.63	107	444846	43.612	ng	100
37) 2-Methylnaphthalene	8.79	142	955103	44.575	ng	98
38) 1-Methylnaphthalene	8.89	142	900062	44.379	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	412481	43.973	ng	99

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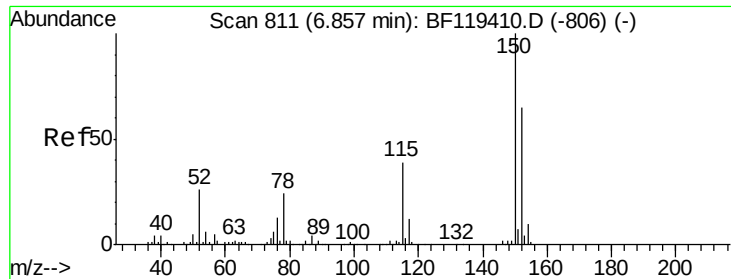
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	511414	95.900	nq	100
43) 2,4,6-Trichlorophenol	9.06	196	303650	45.235	nq	99
44) 2,4,5-Trichlorophenol	9.10	196	318203	42.315	nq	93
46) 1,1'-Biphenyl	9.25	154	1137848	43.655	nq	98
47) 2-Chloronaphthalene	9.27	162	890967	43.639	nq	98
48) 2-Nitroaniline	9.37	65	304661	43.232	nq	95
49) Acenaphthylene	9.69	152	1396035	43.542	nq	98
50) Dimethylphthalate	9.55	163	1005941	44.253	nq	100
51) 2,6-Dinitrotoluene	9.61	165	227196	46.629	nq	91
52) Acenaphthene	9.86	154	856791	42.866	nq	99
53) 3-Nitroaniline	9.78	138	138258	22.476	nq	90
54) 2,4-Dinitrophenol	9.89	184	264820	121.462	nq	92
55) Dibenzofuran	10.03	168	1261731	44.029	nq	99
56) 4-Nitrophenol	9.95	139	422424	87.052	nq	99
57) 2,4-Dinitrotoluene	10.02	165	306276	49.899	nq	97
58) Fluorene	10.38	166	961854	45.388	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	262188	46.645	nq	98
60) Diethylphthalate	10.26	149	1024329	44.399	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	456475	44.048	nq	98
62) 4-Nitroaniline	10.40	138	244390	41.431	nq	93
63) Azobenzene	10.53	77	972106	41.842	nq	96
65) 4,6-Dinitro-2-methylphenol	10.43	198	168799	68.851	nq	97
66) n-Nitrosodiphenylamine	10.49	169	876829	45.683	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	285823	42.926	nq	92
68) Hexachlorobenzene	10.93	284	314300	46.119	nq	92
69) Atrazine	11.02	200	257043	48.850	nq	98
70) Pentachlorophenol	11.12	266	356320	89.170	nq	98
71) Phenanthrene	11.34	178	1345873	44.394	nq	100
72) Anthracene	11.39	178	1396513	45.324	nq	98
73) Carbazole	11.54	167	1329369	43.589	nq	99
74) Di-n-butylphthalate	11.88	149	1577093	48.341	nq	99
75) Fluoranthene	12.53	202	1511431	46.067	nq	99
77) Benzidine	12.64	184	485319	26.643	nq	99
78) Pyrene	12.76	202	1482070	41.956	nq	98
80) Butylbenzylphthalate	13.38	149	643179	45.018	nq	100
81) Benzo(a)anthracene	13.94	228	1207593	43.144	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	274559	24.878	nq	97
83) Chrysene	13.99	228	1224724	42.397	nq	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	811080	47.622	nq	100
85) Di-n-octyl phthalate	14.55	149	1579754	52.740	nq	98
86) Indeno(1,2,3-cd)pyrene	16.83	276	1519538	55.854	nq	99
88) Benzo(b)fluoranthene	14.99	252	1458624	43.347	nq	99
89) Benzo(k)fluoranthene	15.02	252	1278559	39.903	nq	99
90) Benzo(a)pyrene	15.34	252	1299814	42.504	nq	98
91) Dibenzo(a,h)anthracene	16.85	278	1255426	46.935	nq	99
92) Benzo(g,h,i)perylene	17.26	276	1261098	46.930	nq	98

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



#1

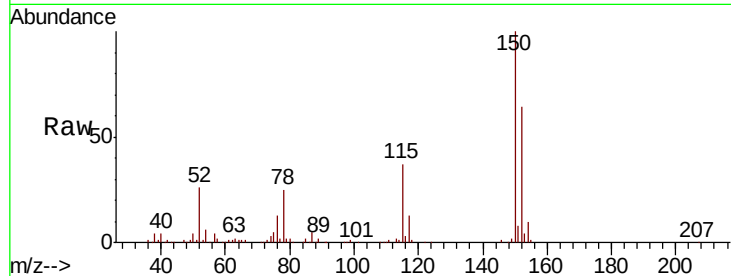
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB127997BS

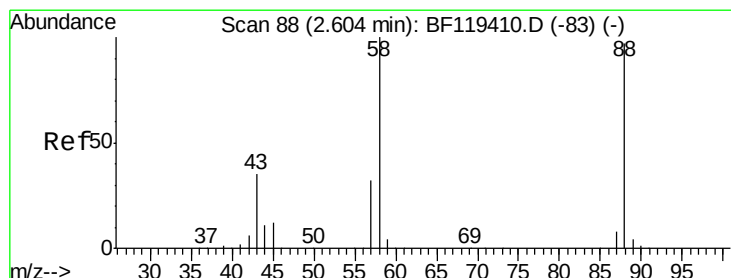
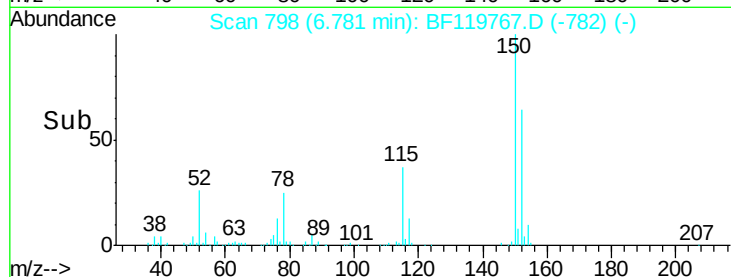
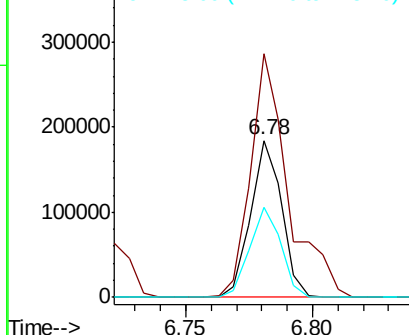
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.5	186.7
115	57.6	49.6	74.4

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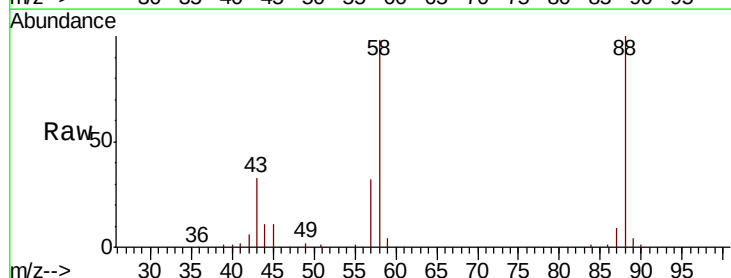
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



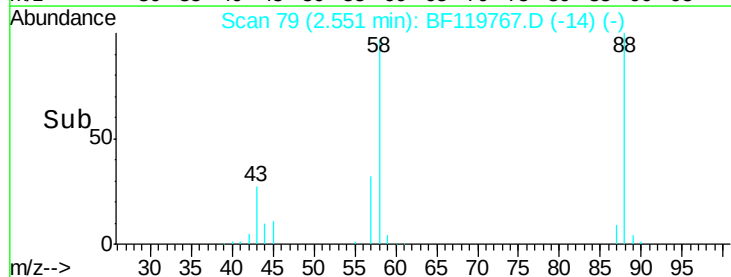
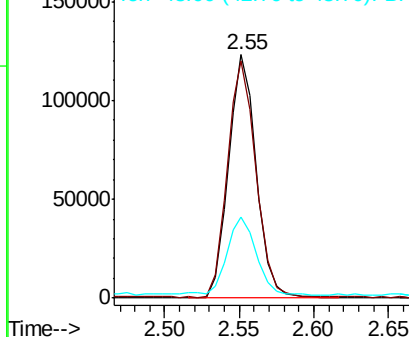
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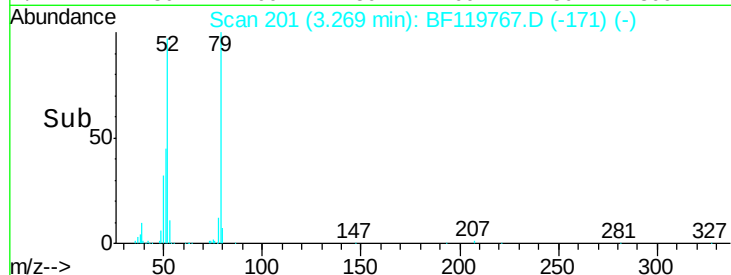
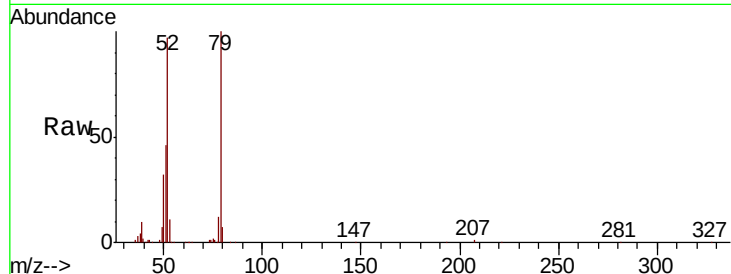
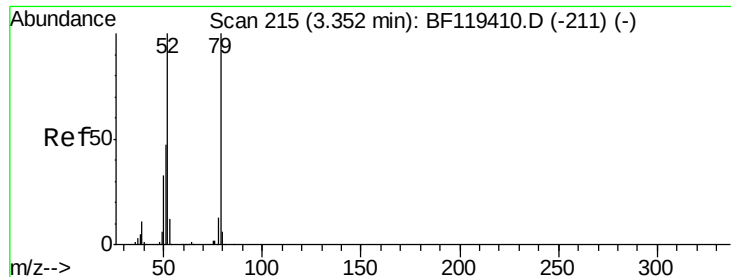
1,4-Dioxane
Concen: 33.060 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.08 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.2	80.6	121.0
43	34.2	27.5	41.3



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





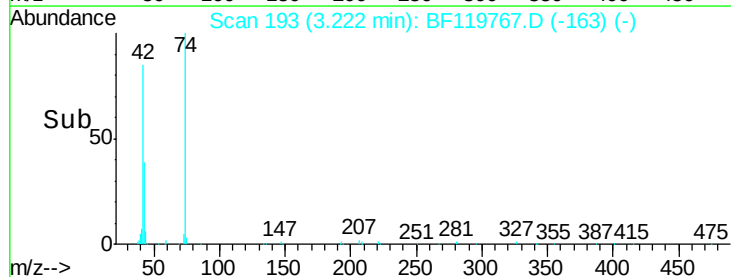
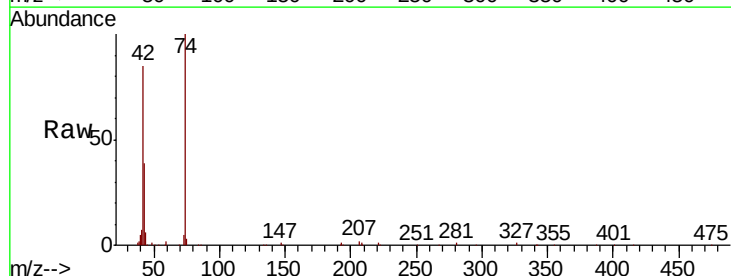
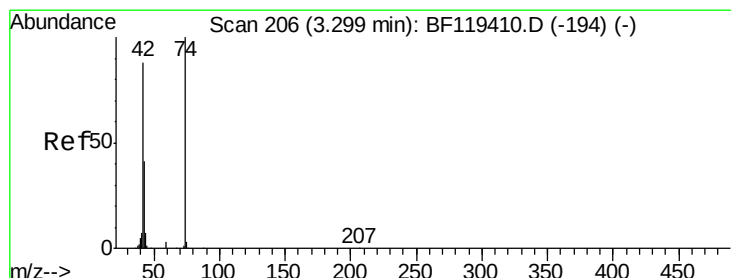
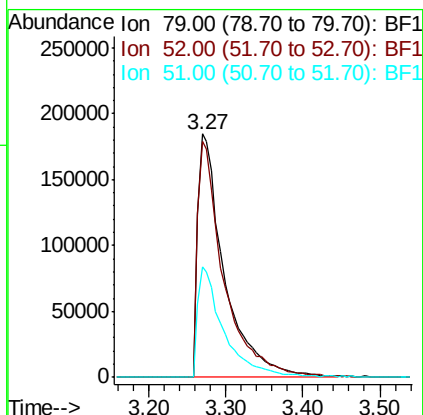
#3
 Pvridine
 Concen: 33.185 ng
 RT: 3.27 min Scan# 201
 Delta R.T. 0.08 min
 Lab File: BF119767.D
 Acq: 6 Apr 2020 13:12

Tot Ion	Ratio	Lower	Upper
79	100		
52	96.7	80.2	120.2
51	45.6	37.7	56.5

Instrument :
 BNA_F
 ClientSampleId :
 PB127997BS

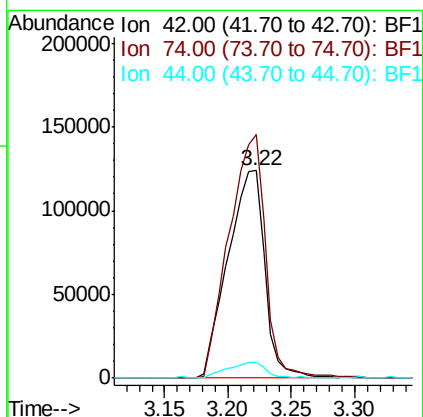
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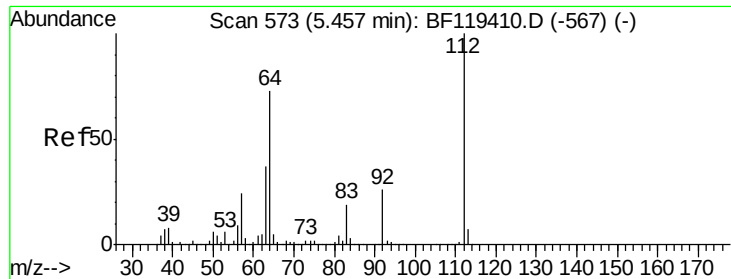
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#4
 n-Nitrosodimethylamine
 Concen: 38.393 ng
 RT: 3.22 min Scan# 193
 Delta R.T. 0.08 min
 Lab File: BF119767.D
 Acq: 6 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	117.4	91.5	137.3
44	7.4	6.2	9.4





#5

2-Fluorophenol

Concen: 124.249 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.02 min

Lab File: BF119767.D

Acq: 6 Apr 2020 13:12

Instrument :

BNA_F

ClientSampleId :

PB127997BS

Tot Ion:112 Resp: 1221888

Ion Ratio Lower Upper

112 100

64 64.5 56.7 85.1

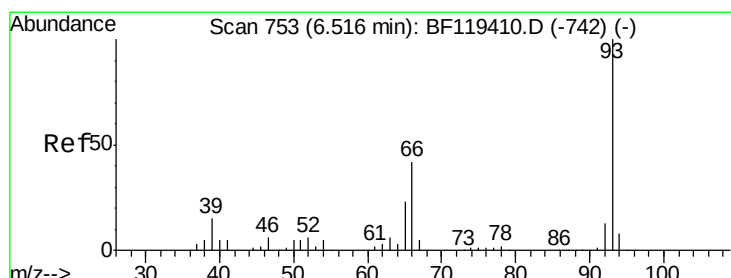
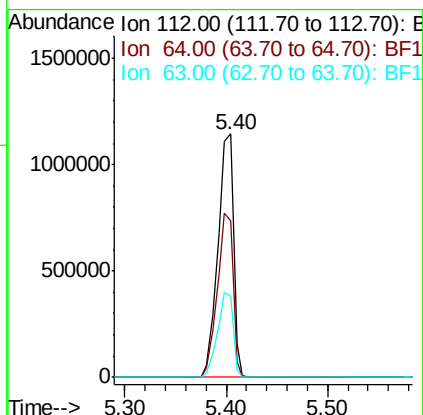
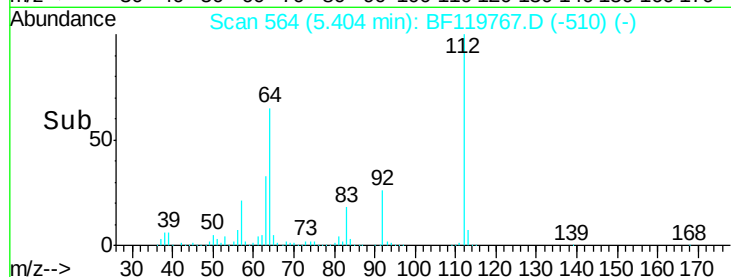
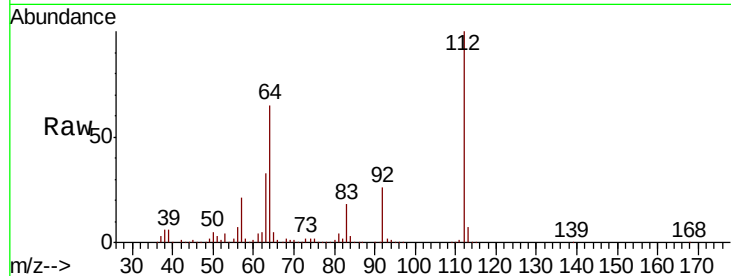
63 33.3 29.5 44.3

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#6

Aniline

Concen: 24.860 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF119767.D

Acq: 6 Apr 2020 13:12

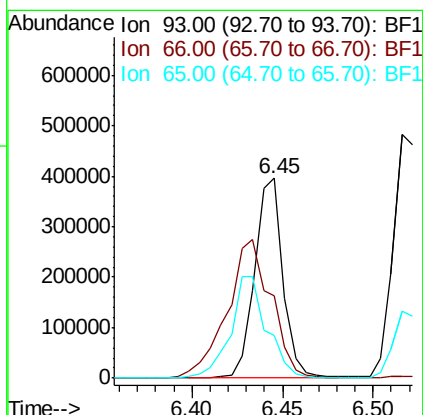
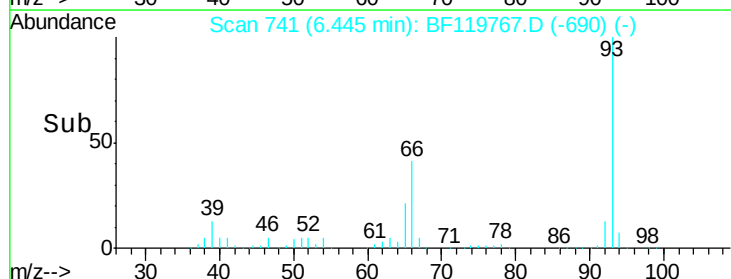
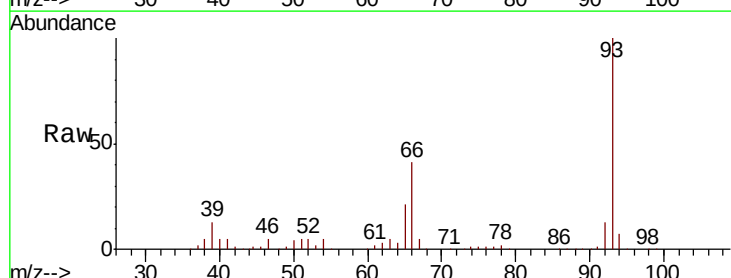
Tgt Ion: 93 Resp: 431020

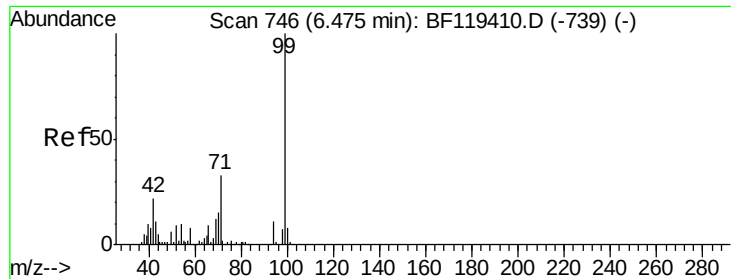
Ion Ratio Lower Upper

93 100

66 41.4 34.9 52.3

65 21.0 18.6 27.8





#7

Phenol-d6

Concen: 121.008 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119767.D

Acq: 6 Apr 2020 13:12

Instrument :

BNA_F

ClientSampled :

PB127997BS

Tot Ion: 99 Resp: 1520162

Ion Ratio Lower Upper

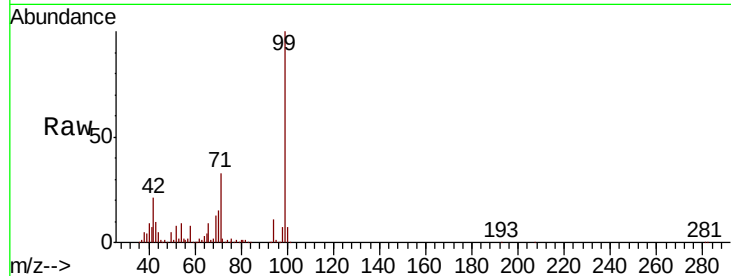
99 100

42 20.8 16.6 24.8

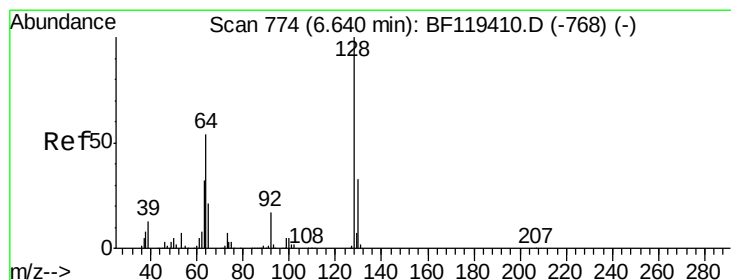
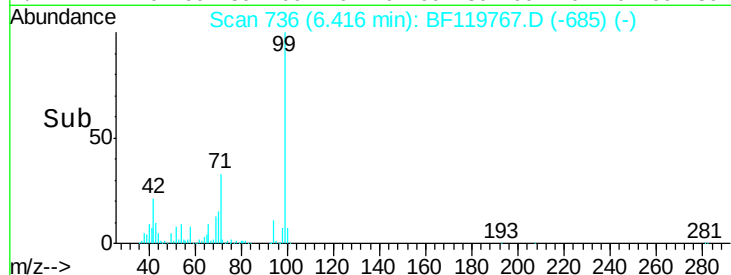
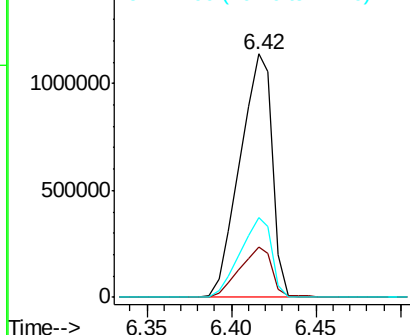
71 32.8 26.4 39.6

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.258 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF119767.D

Acq: 6 Apr 2020 13:12

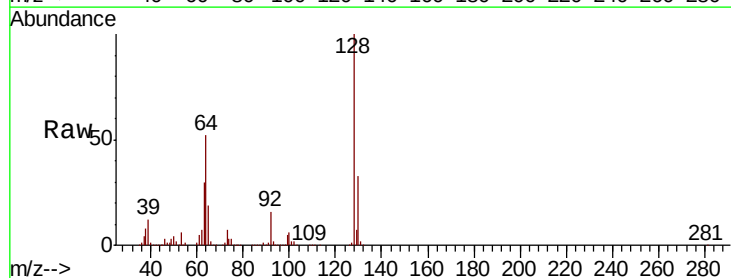
Tgt Ion: 128 Resp: 477783

Ion Ratio Lower Upper

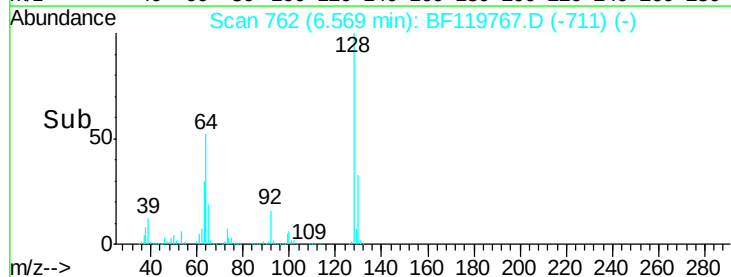
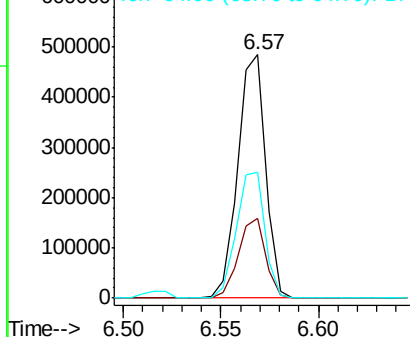
128 100

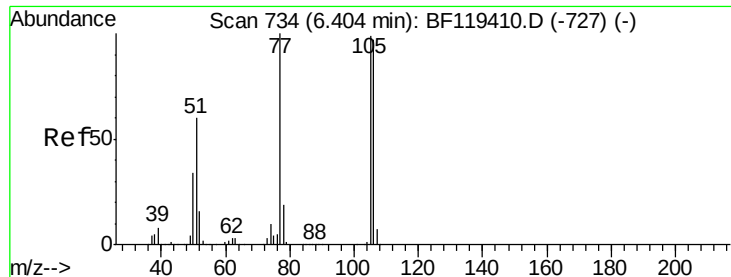
130 32.7 12.6 52.6

64 52.0 35.3 75.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 30.608 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF119767.D

Acq: 6 Apr 2020 13:12

Instrument :

BNA_F

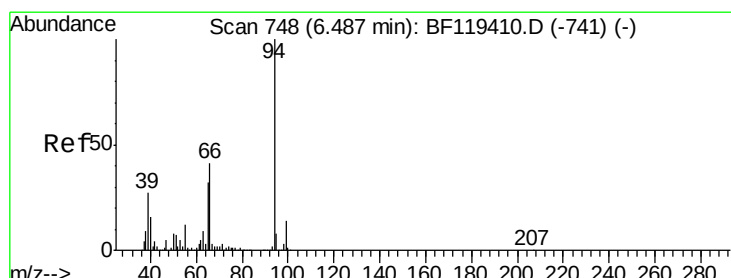
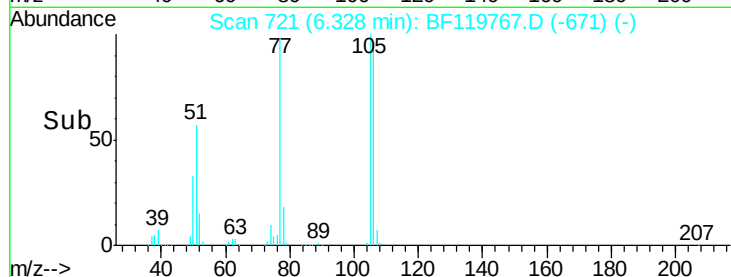
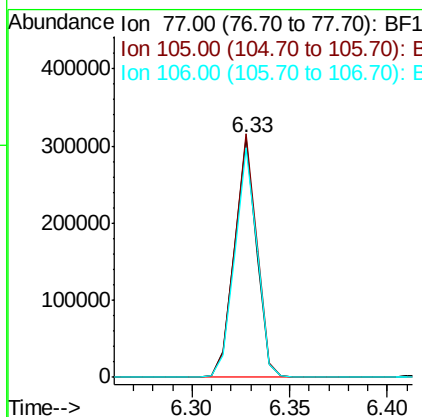
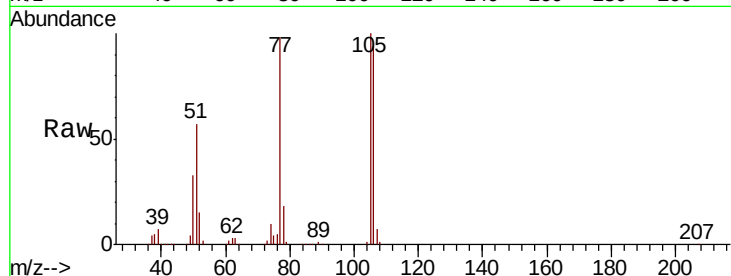
ClientSampleId :

PB127997BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	101.7	80.9	120.9		
106	96.0	77.9	117.9		

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#10

Phenol

Concen: 44.428 ng

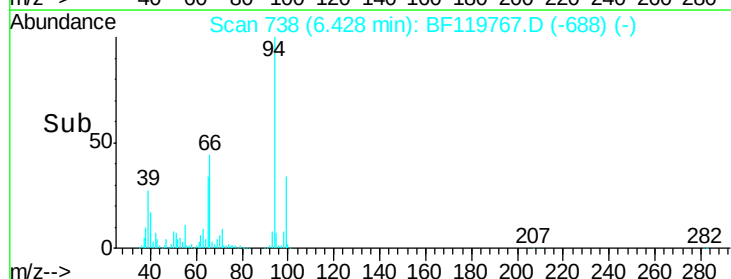
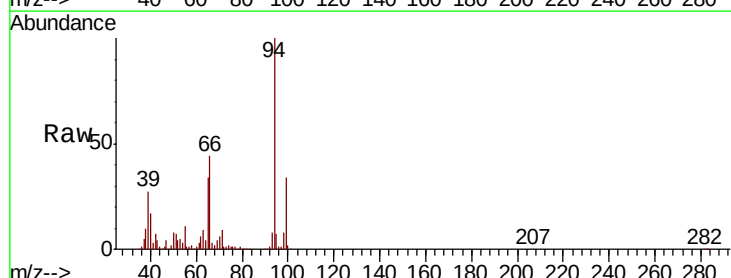
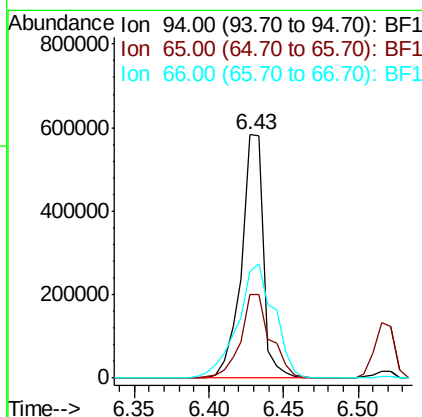
RT: 6.43 min Scan# 738

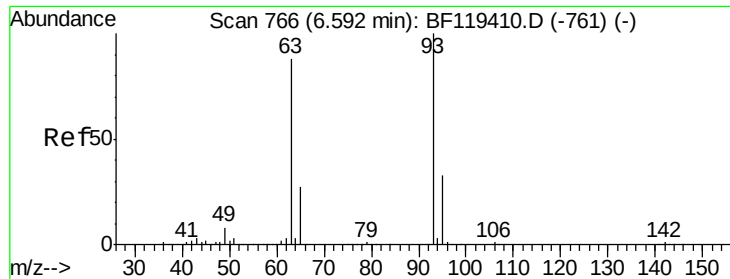
Delta R.T. -0.01 min

Lab File: BF119767.D

Acq: 6 Apr 2020 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	34.5	13.2	53.2		
66	44.0	22.3	62.3		





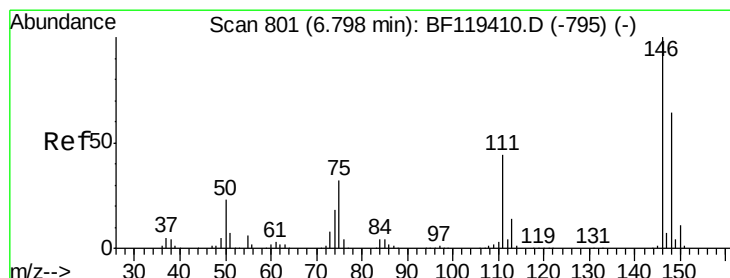
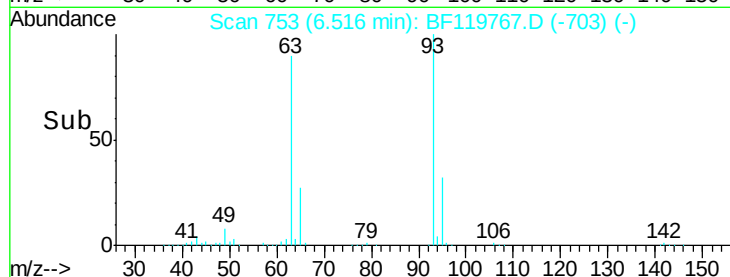
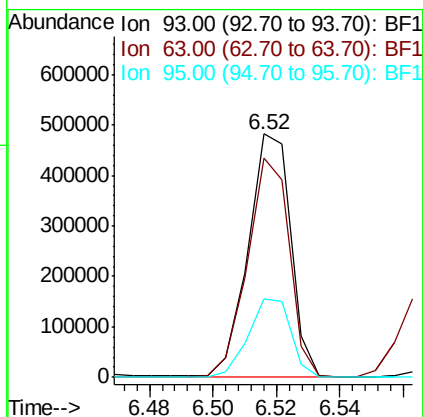
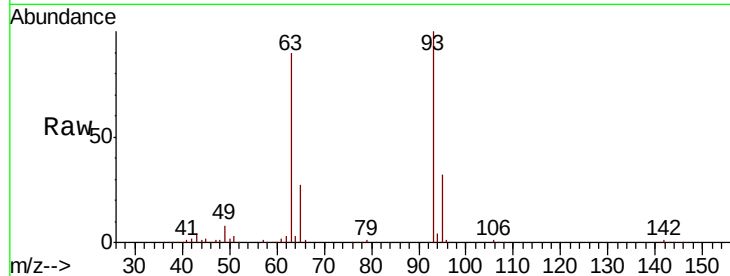
#11
bis(2-Chloroethyl)ether
Concen: 41.947 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB127997BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.2	70.2	110.2
95	32.3	13.4	53.4

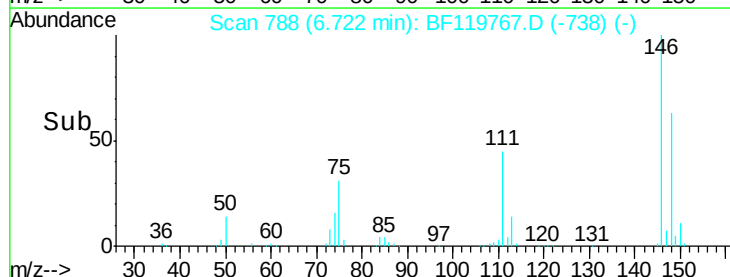
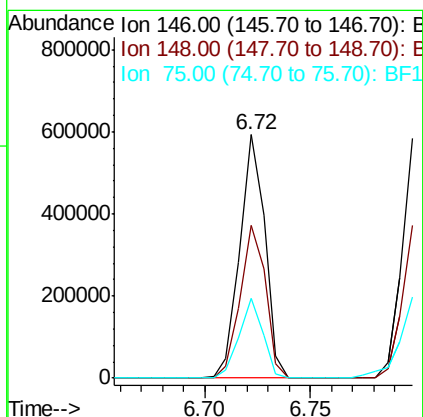
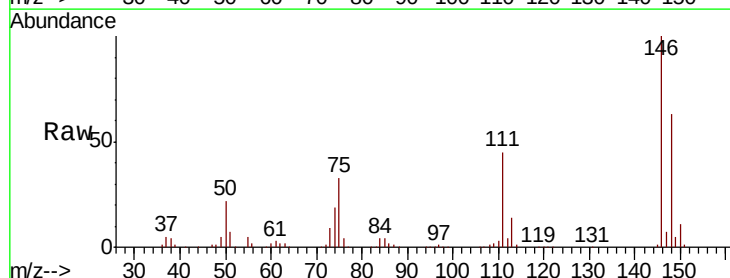
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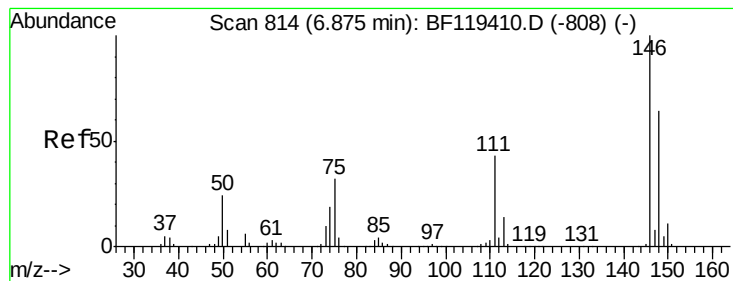
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.528 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.2	78.4
75	32.5	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 44.045 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF119767.D

Acq: 6 Apr 2020 13:12

Instrument :

BNA_F

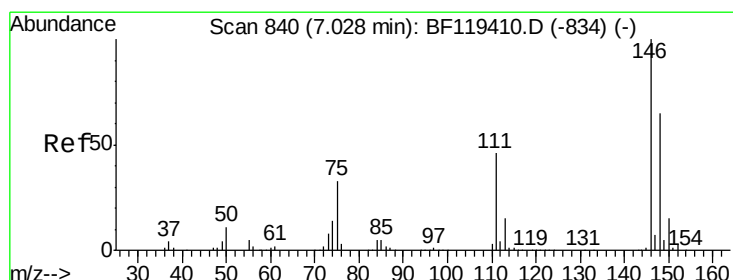
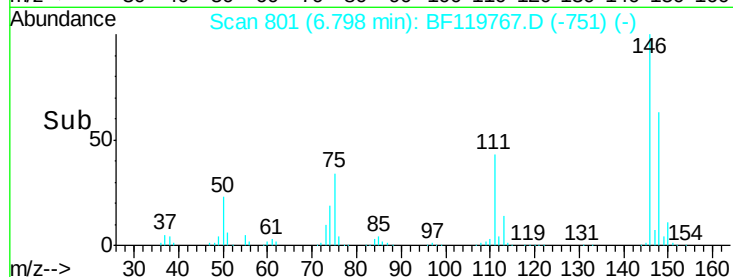
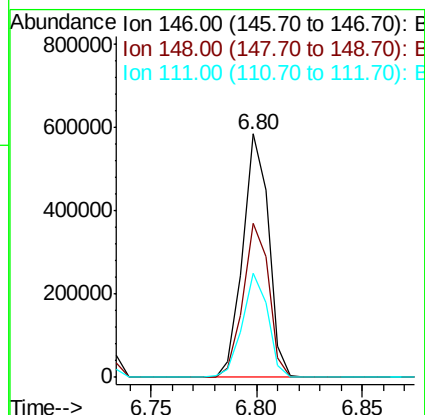
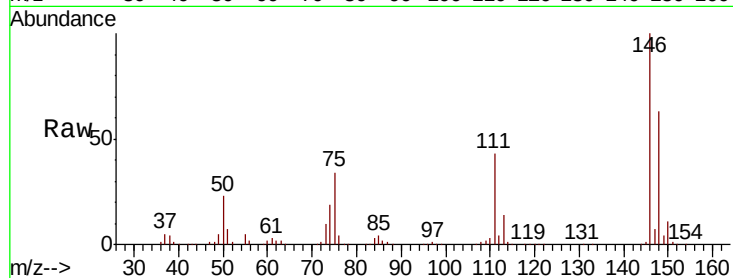
ClientSampleId :

PB127997BS

Tot Ion:	146	Resp:	492493
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.5	77.3
111	43.0	33.3	49.9

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#14

1,2-Dichlorobenzene

Concen: 44.799 ng

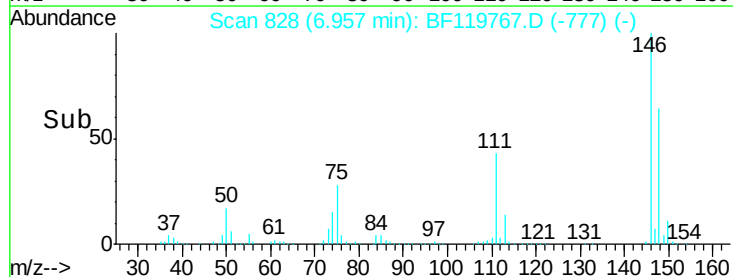
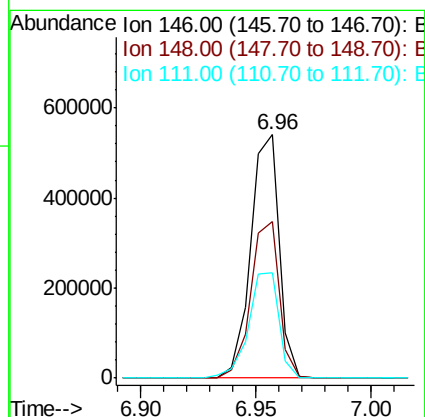
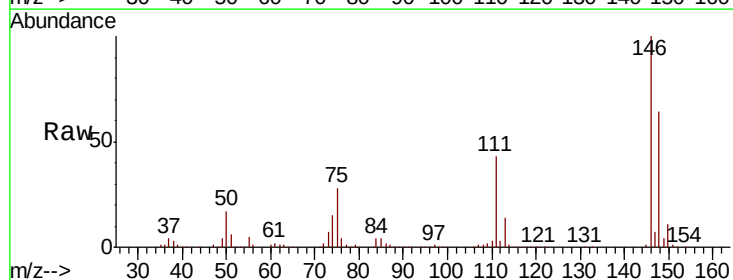
RT: 6.96 min Scan# 828

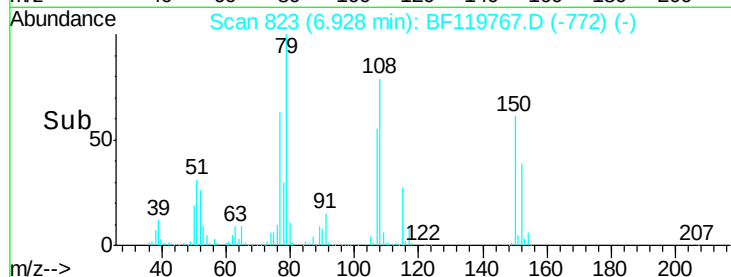
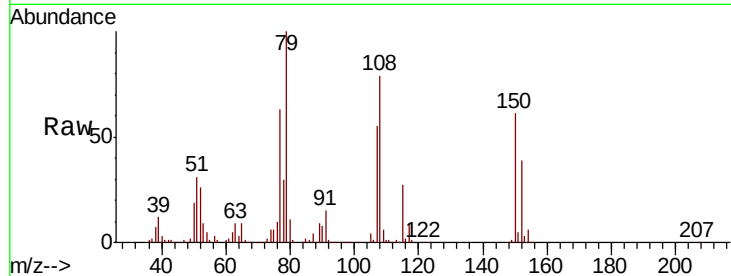
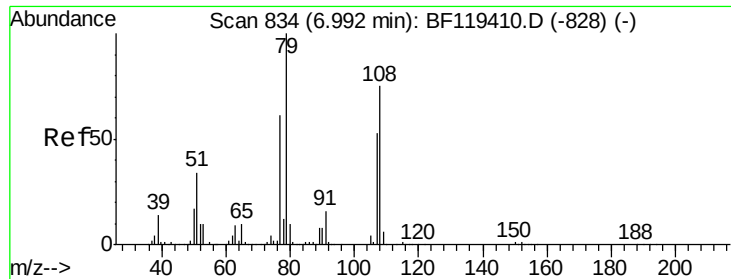
Delta R.T. -0.00 min

Lab File: BF119767.D

Acq: 6 Apr 2020 13:12

Tgt Ion:	146	Resp:	468218
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.6	75.8
111	43.2	36.1	54.1





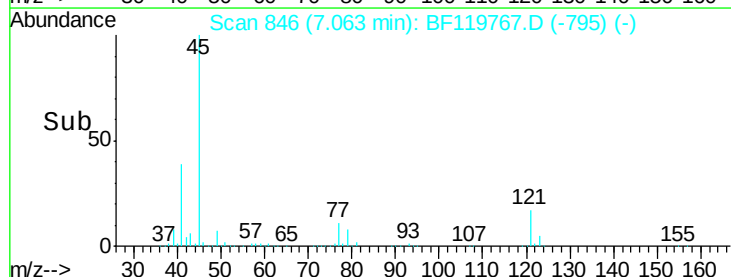
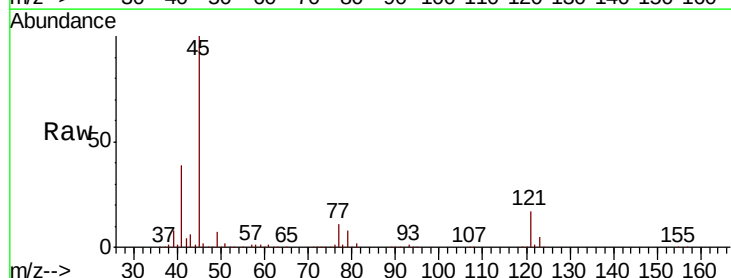
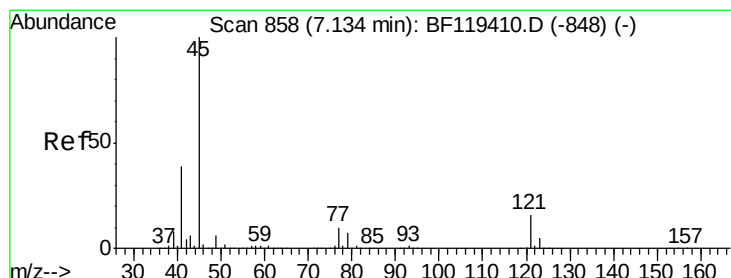
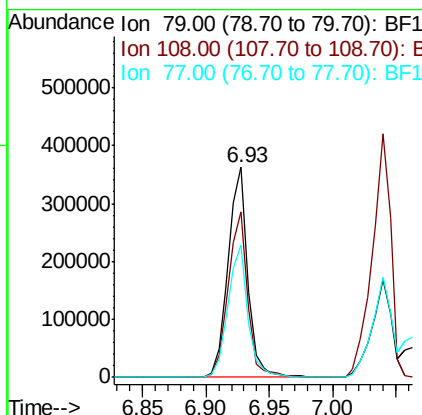
#15
Benzyl Alcohol
Concen: 41.032 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Tot Ion: 79 Resp: 387741
Ion Ratio Lower Upper
79 100
108 79.2 60.6 90.8
77 62.9 50.2 75.2

Instrument :
BNA_F
ClientSampled :
PB127997BS

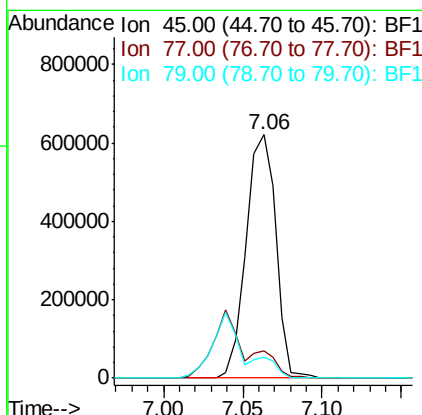
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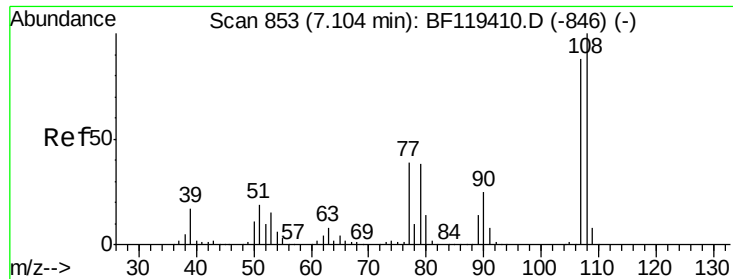
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.483 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Tgt Ion: 45 Resp: 810546
Ion Ratio Lower Upper
45 100
77 11.1 0.0 30.7
79 8.4 0.0 28.2





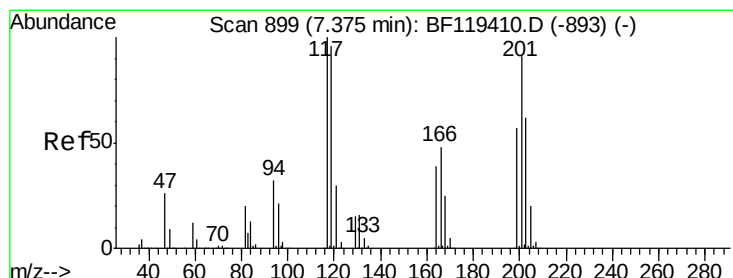
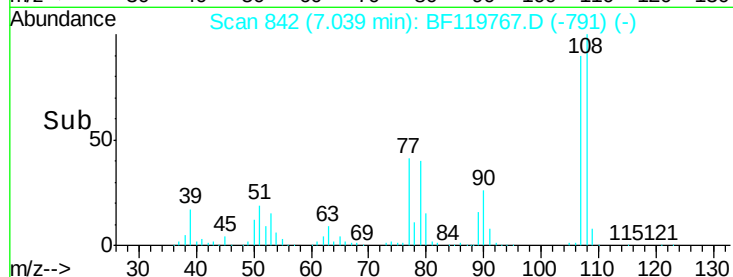
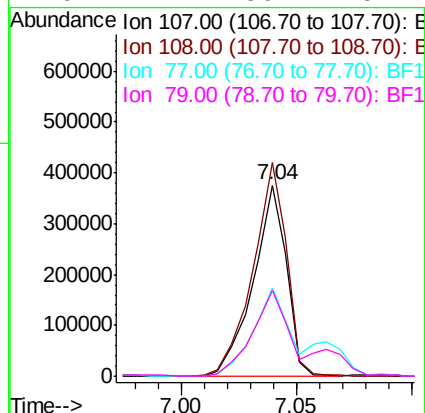
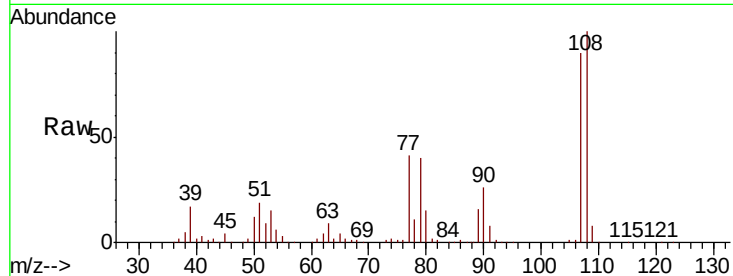
#17
2-Methylphenol
Concen: 39.908 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB127997BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.6	92.2	138.4	
77	45.9	36.6	54.8	
79	44.7	36.2	54.4	

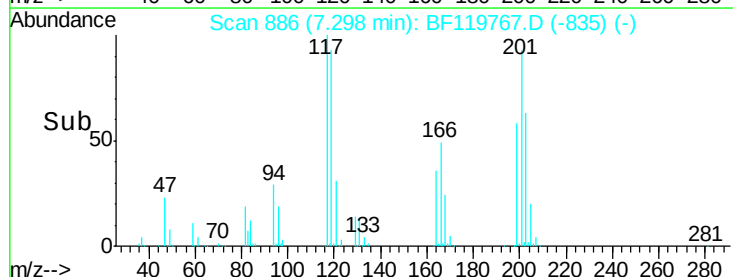
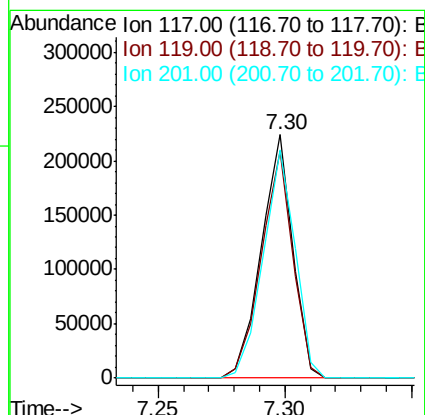
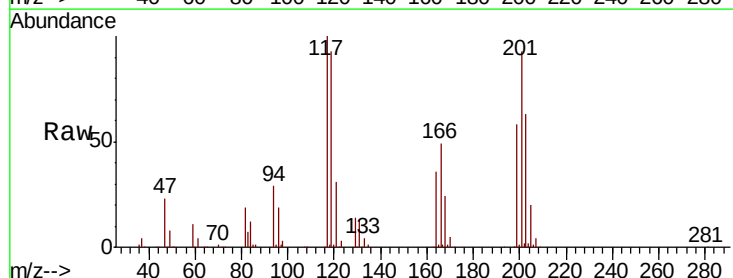
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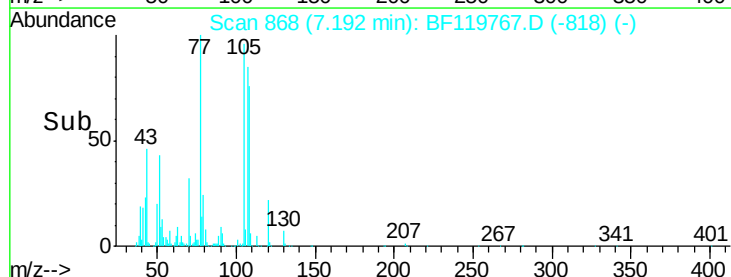
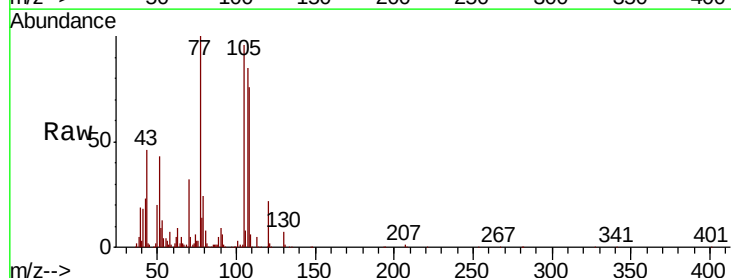
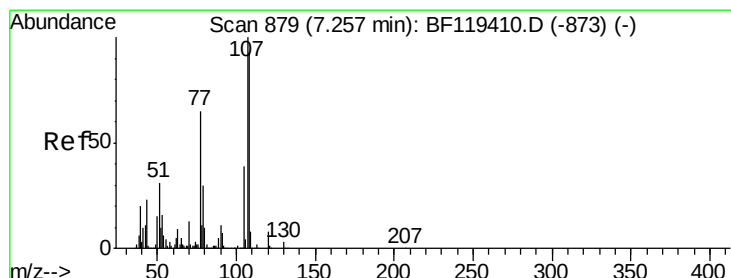
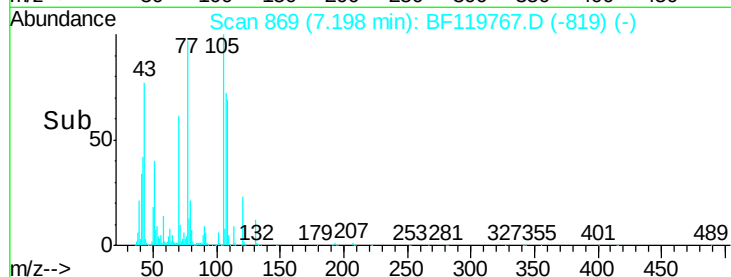
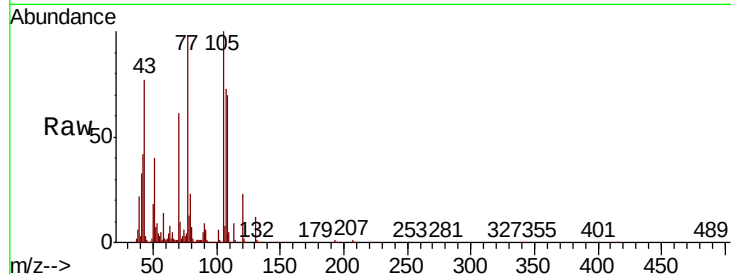
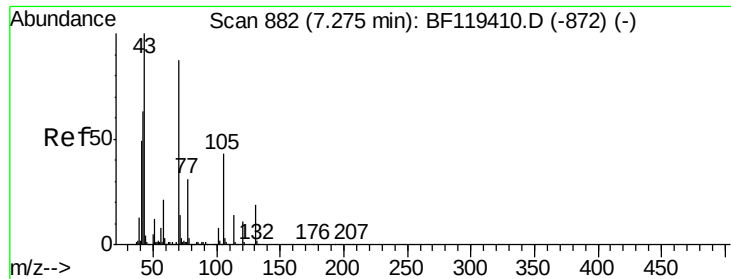
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#18
Hexachloroethane
Concen: 46.909 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

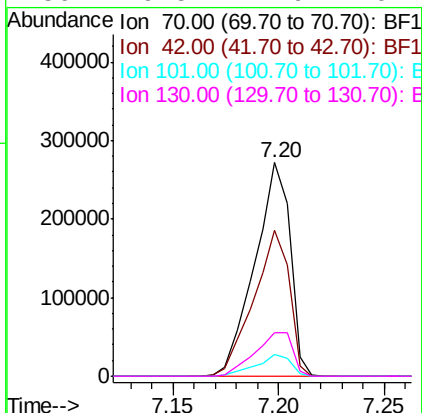
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.2	76.1	114.1	
201	93.5	73.0	109.6	





#19
n-Nitroso-di-n-propylamine
Concen: 41.843 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.4	54.5	81.7
101	9.9	7.6	11.4
130	20.5	17.6	26.4



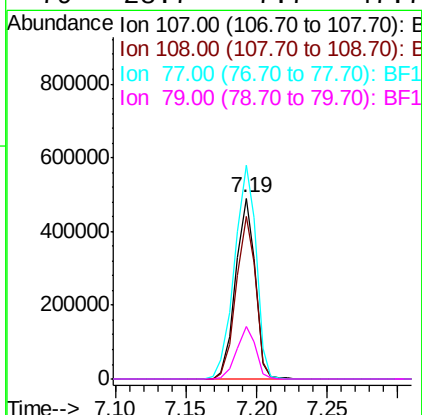
Instrument :
BNA_F
ClientSampleId :
PB127997BS

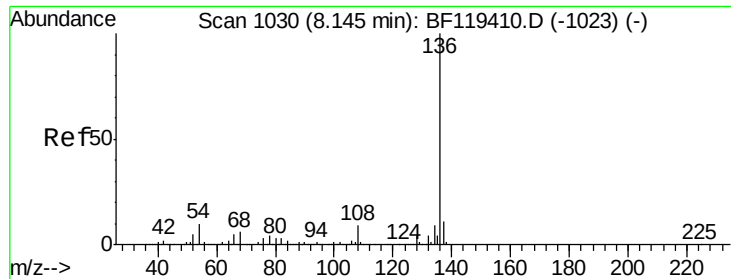
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#20
3+4-Methylphenols
Concen: 40.767 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.2	67.9	107.9
77	118.0	52.9	92.9#
79	28.7	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF119767.D

Acq: 6 Apr 2020 13:12

Instrument :

BNA_F

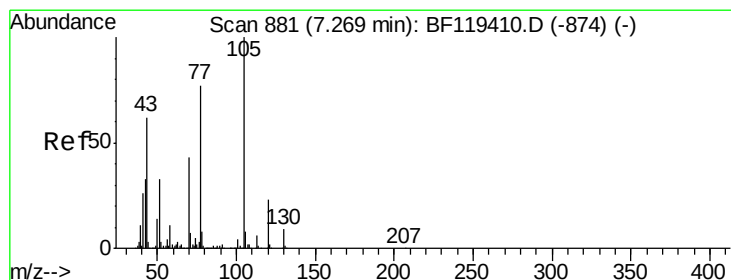
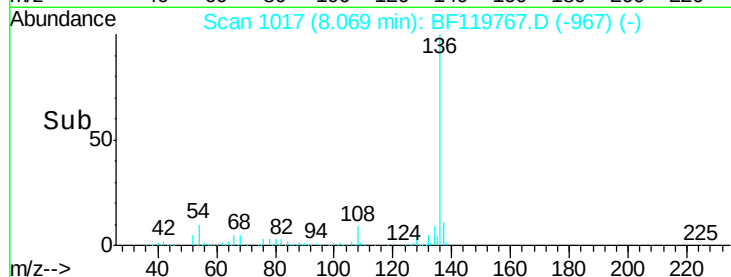
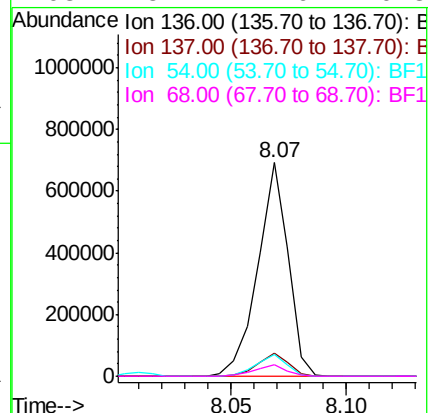
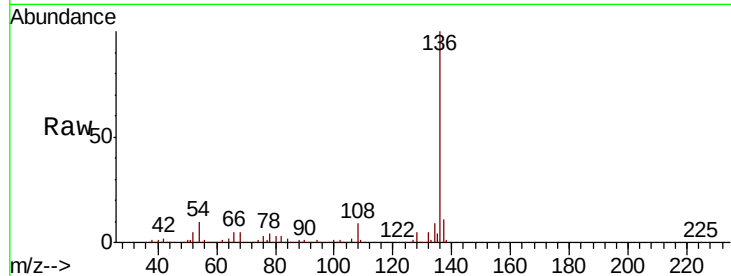
ClientSampleId :

PB127997BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		634436		
137	10.8	8.7	13.1		
54	10.4	9.1	13.7		
68	5.4	4.6	6.8		

Manual Integrations
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#22

Acetophenone

Concen: 40.643 ng

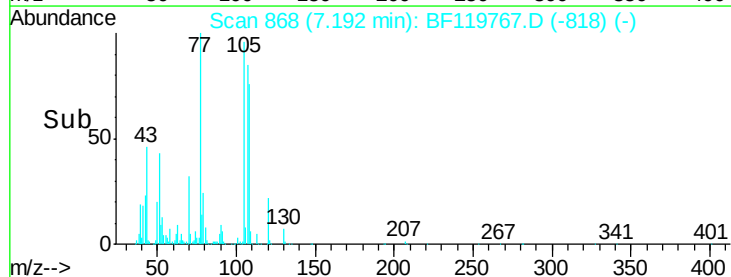
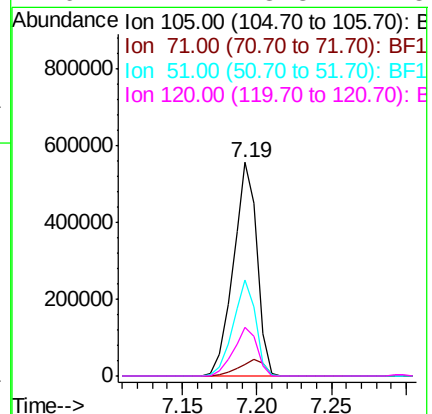
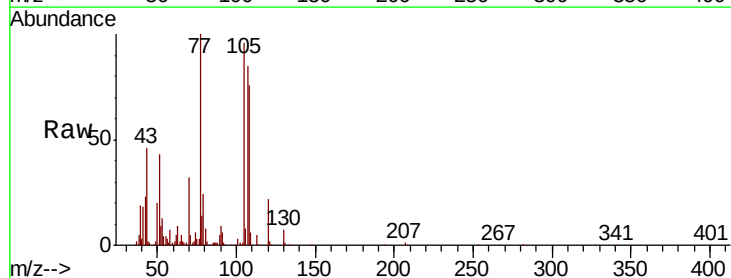
RT: 7.19 min Scan# 868

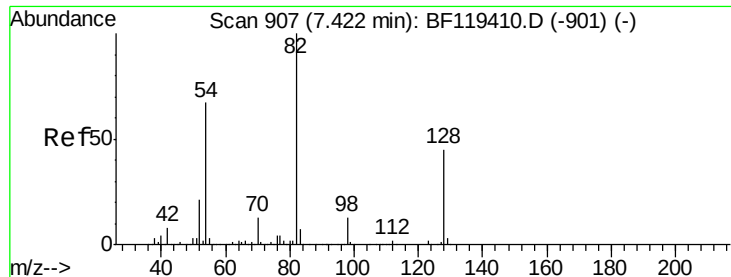
Delta R.T. -0.01 min

Lab File: BF119767.D

Acq: 6 Apr 2020 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		616126		
71	5.6	5.7	8.5#		
51	45.2	26.2	39.4#		
120	22.7	18.3	27.5		





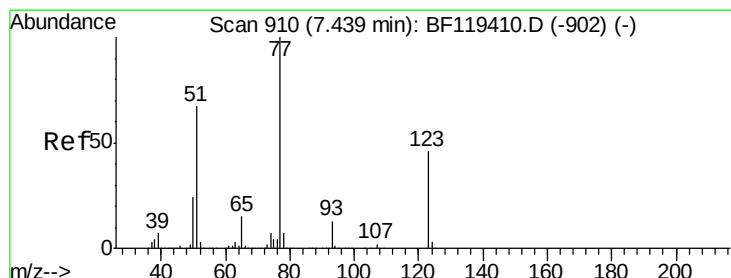
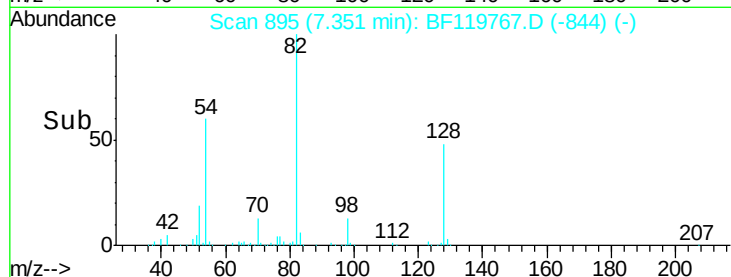
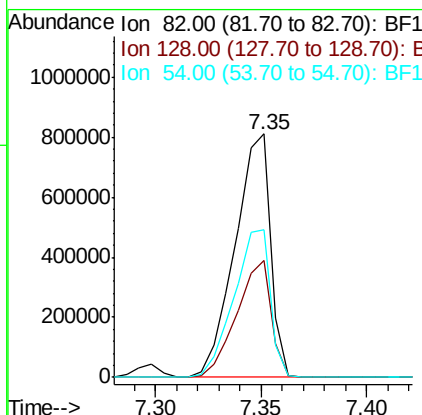
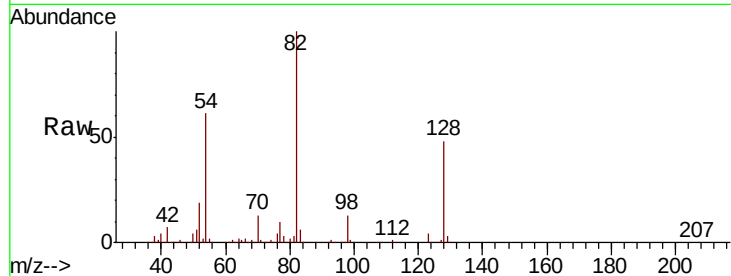
#23
 Nitrobenzene-d5
 Concen: 81.137 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF119767.D
 Acq: 6 Apr 2020 13:12

Instrument :
 BNA_F
 ClientSampled :
 PB127997BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.3	54.5
54	60.6	50.6	75.8

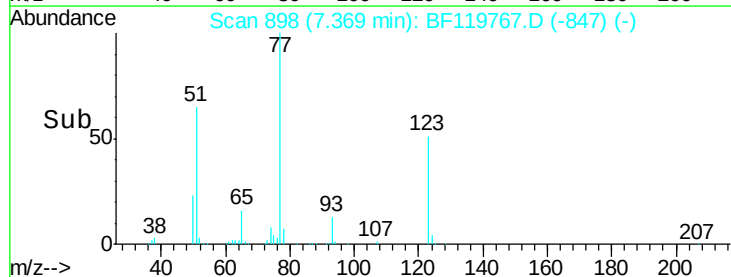
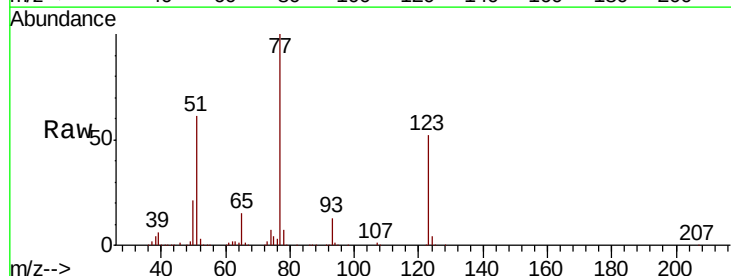
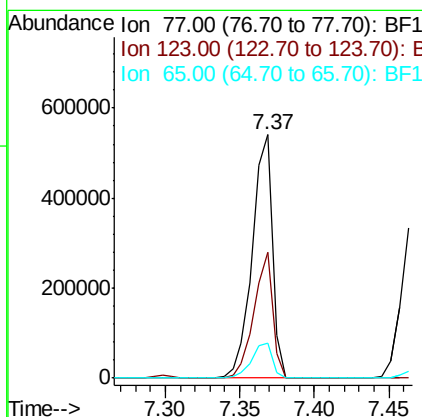
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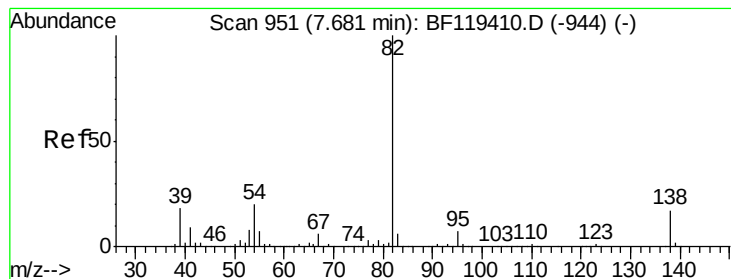
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#24
 Nitrobenzene
 Concen: 40.412 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF119767.D
 Acq: 6 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.7	38.0	57.0
65	14.5	12.6	18.8





#25

Isophorone

Concen: 37.401 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF119767.D

Acq: 6 Apr 2020 13:12

Instrument :

BNA_F

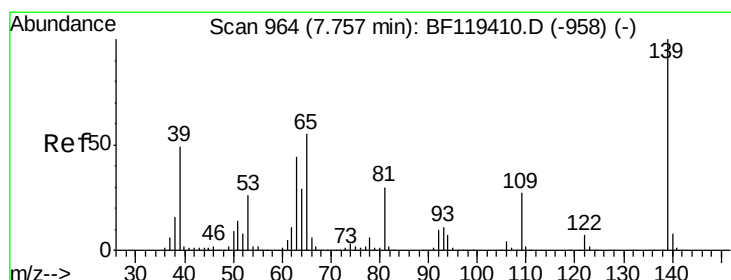
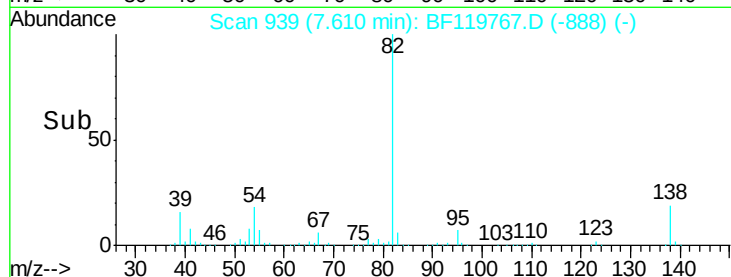
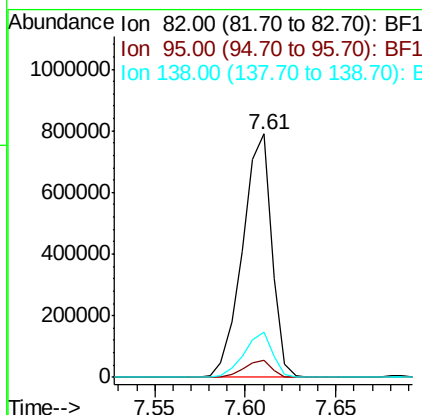
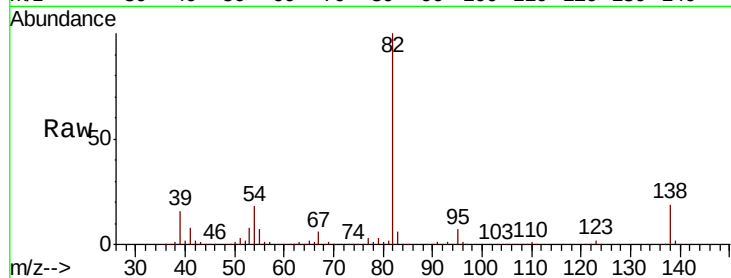
ClientSampled :

PB127997BS

Tot Ion:	82	Resp:	885660
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.8	8.6
138	18.8	14.6	21.8

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#26

2-Nitrophenol

Concen: 51.160 ng

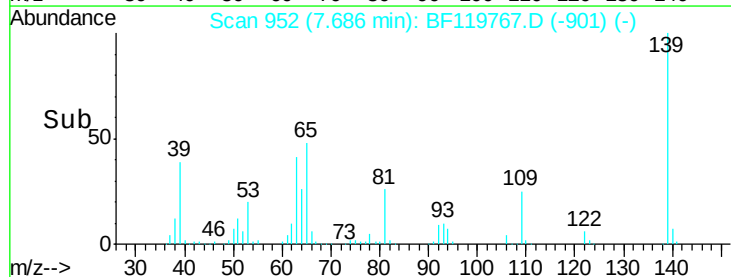
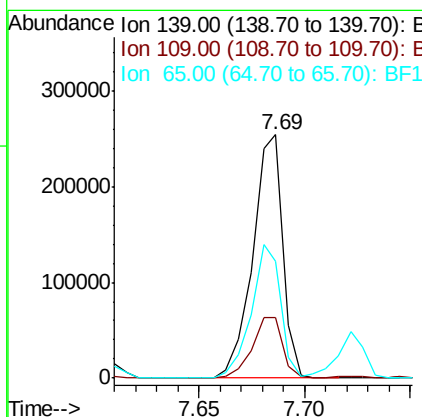
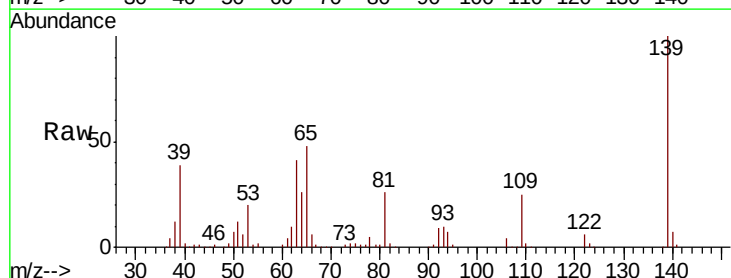
RT: 7.69 min Scan# 952

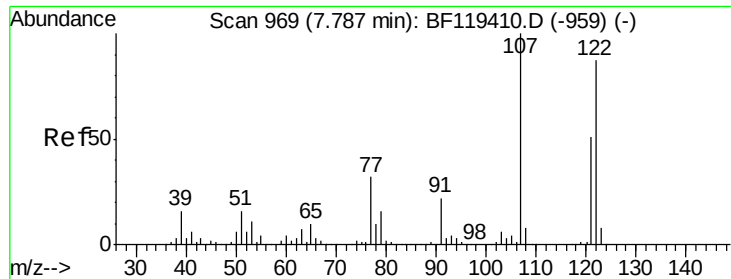
Delta R.T. -0.00 min

Lab File: BF119767.D

Acq: 6 Apr 2020 13:12

Tgt Ion:	139	Resp:	251302
Ion Ratio	Lower	Upper	
139	100		
109	24.9	22.1	33.1
65	48.2	49.2	73.8





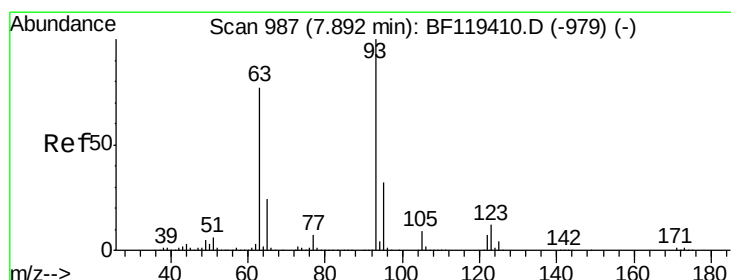
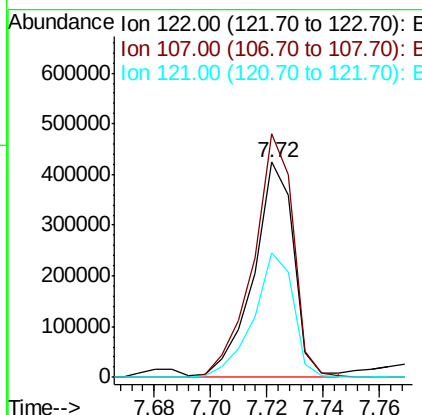
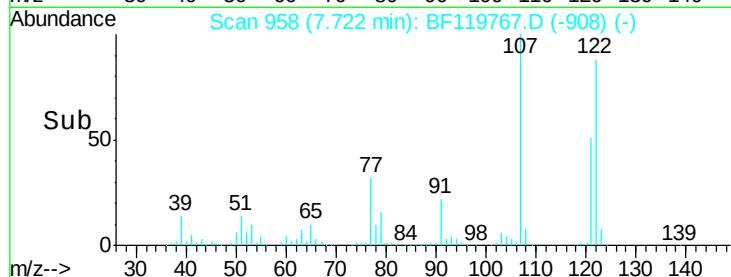
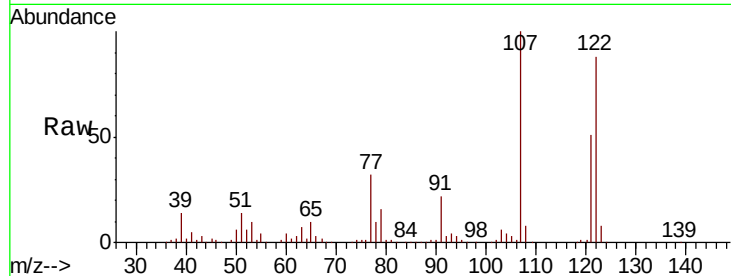
#27
2,4-Dimethylphenol
Concen: 41.364 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB127997BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.3	89.0	133.6
121	58.3	46.7	70.1

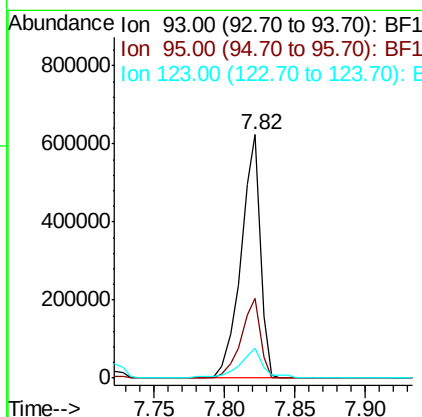
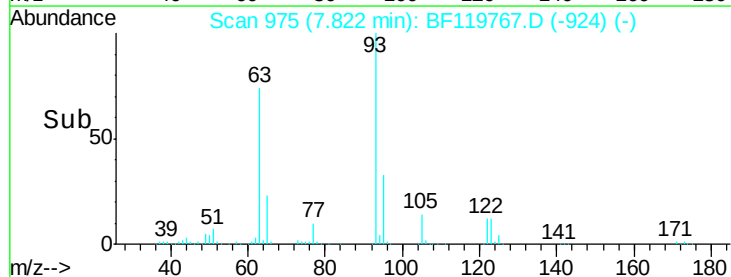
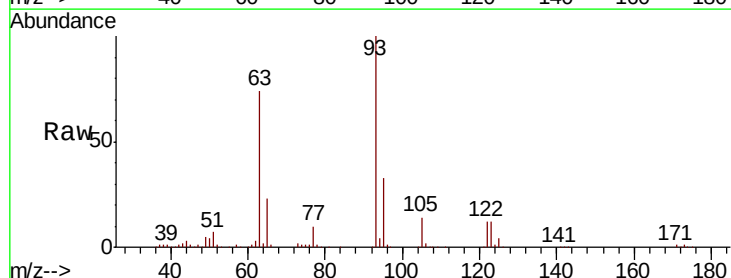
Manual Integrations
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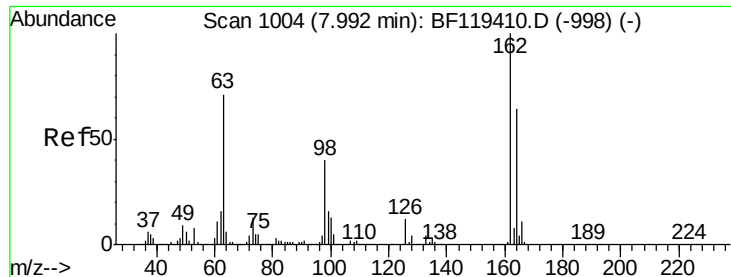
mohammad
4/8/2020 8:12:15 AM



#28
bis(2-Chloroethoxy)methane
Concen: 42.278 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	12.1	9.7	14.5





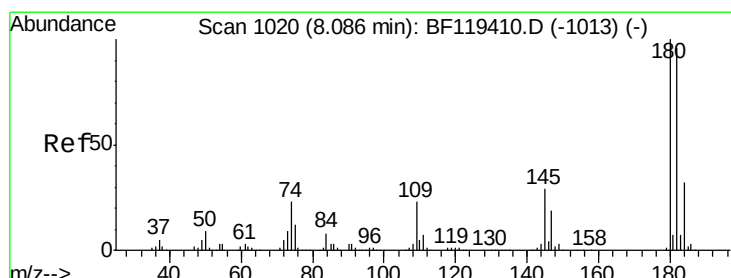
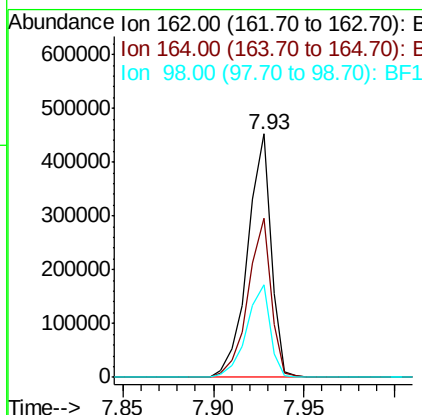
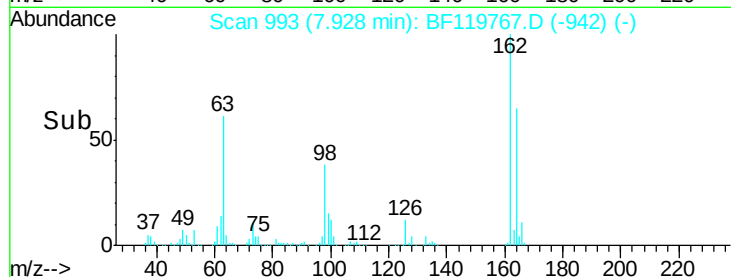
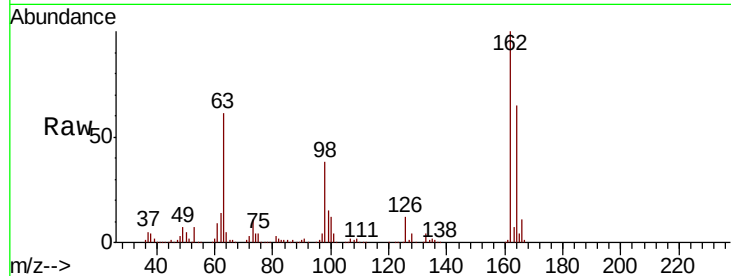
#29
2,4-Dichlorophenol
Concen: 43.737 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB127997BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	408174		
164	65.4	44.7	84.7	
98	38.0	20.7	60.7	

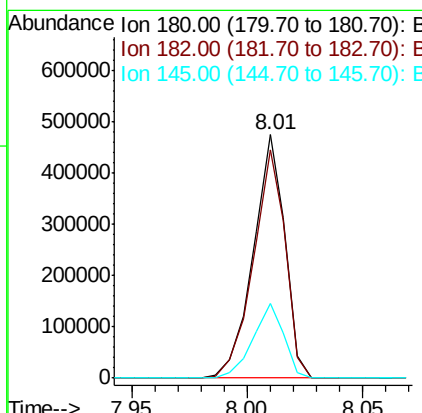
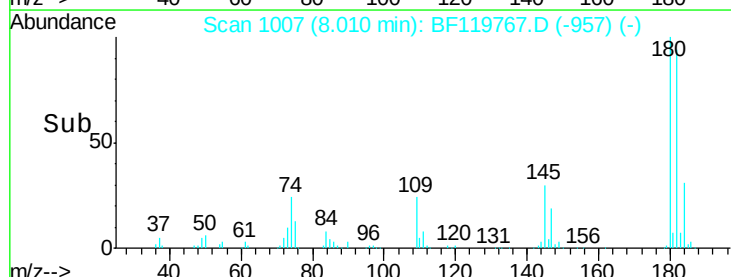
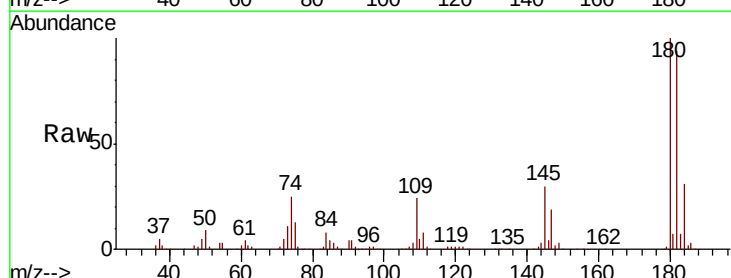
Manual Integrations
APPROVED

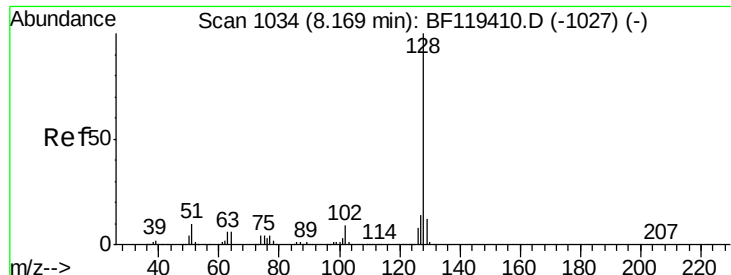
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 43.645 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	450461		
182	93.8	74.7	112.1	
145	30.4	24.5	36.7	





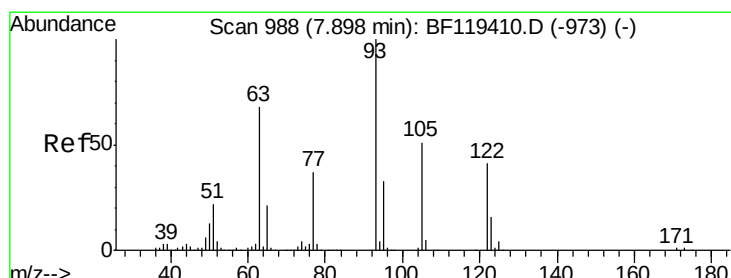
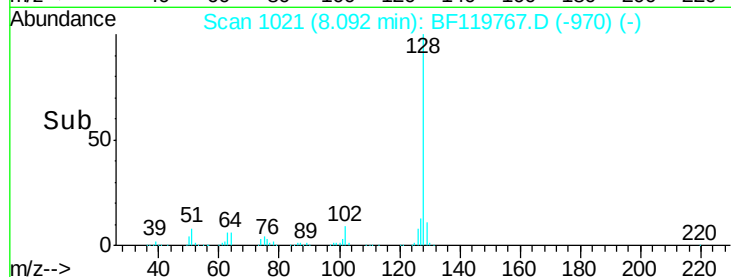
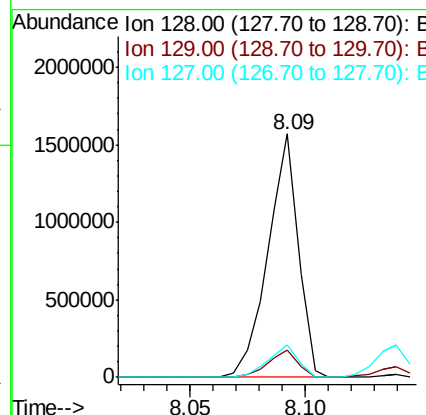
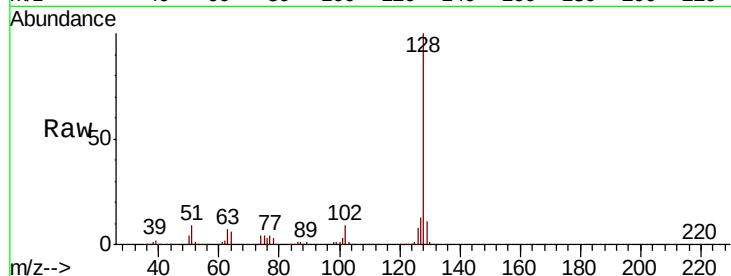
#31
Naphthalene
Concen: 43.980 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB127997BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.5	14.3
127	13.2	11.3	16.9

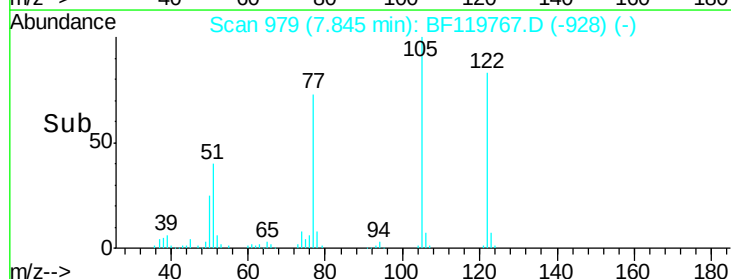
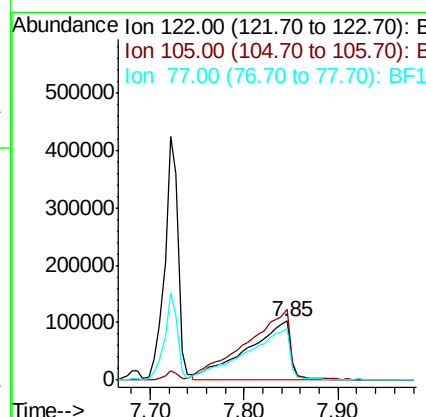
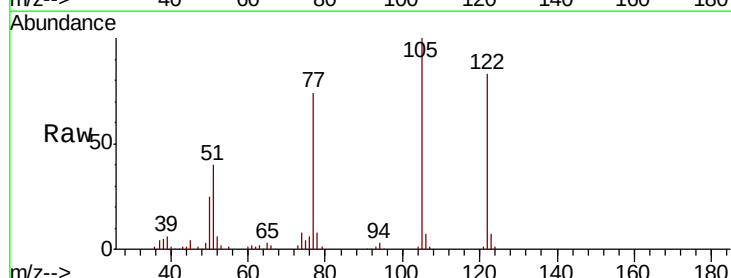
Manual Integrations
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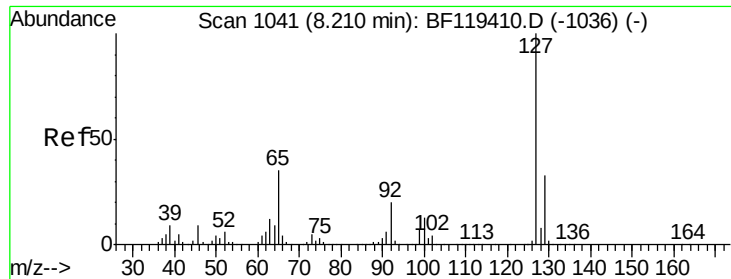
mohammad
4/8/2020 8:12:15 AM



#32
Benzoic acid
Concen: 49.544 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.00 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.9	104.9	144.9
77	88.1	74.4	114.4





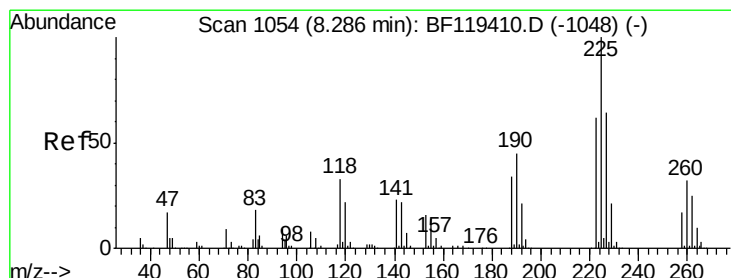
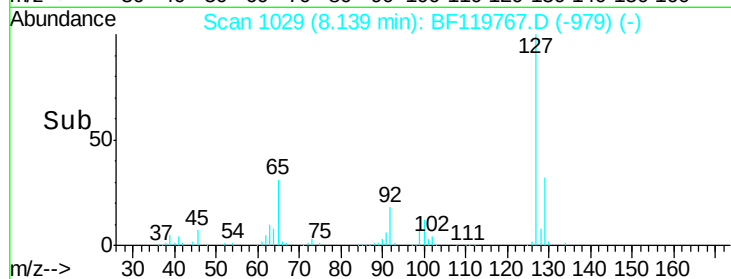
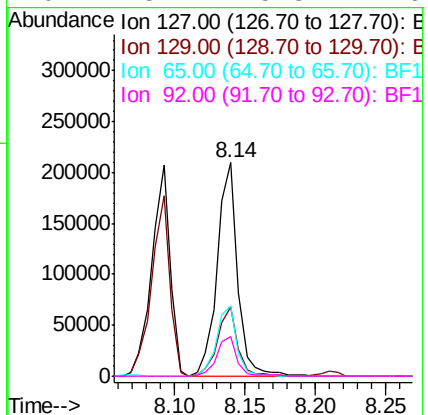
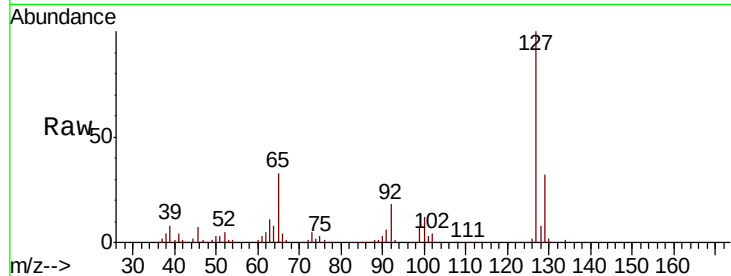
#33
4-Chloroaniline
Concen: 14.118 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB127997BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
211209	127	100			
	129	32.2	26.2	39.4	
	65	32.8	27.4	41.0	
	92	18.4	15.3	22.9	

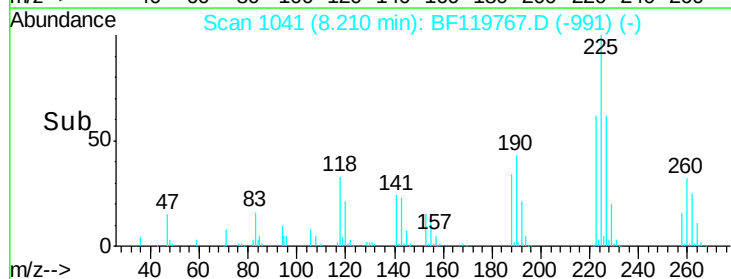
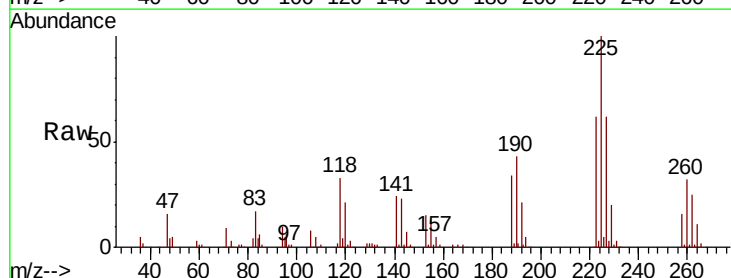
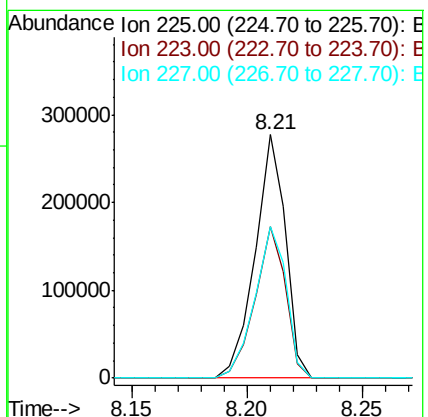
Manual Integrations
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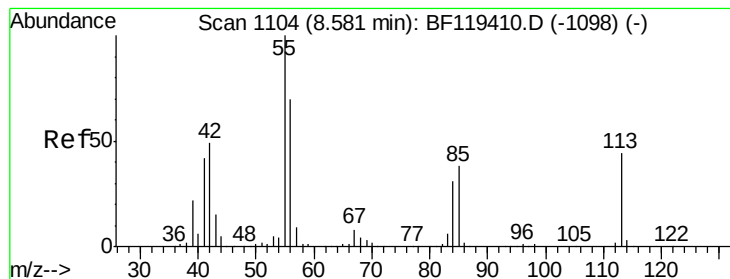
mohammad
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#34
Hexachlorobutadiene
Concen: 44.227 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
255394	225	100			
	223	62.4	51.0	76.6	
	227	62.3	50.7	76.1	





#35

Caprolactam

Concen: 40.829 ng/mL

RT: 8.50 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BF119767.D

Acq: 6 Apr 2020 13:12

Instrument :

BNA_F

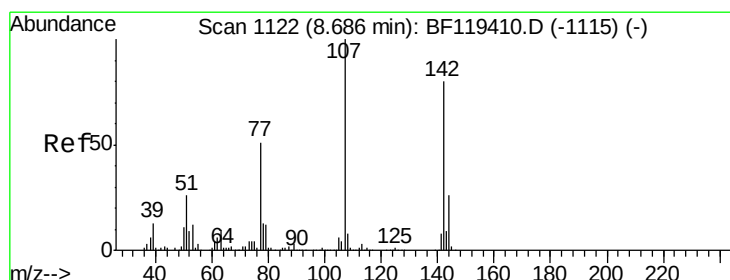
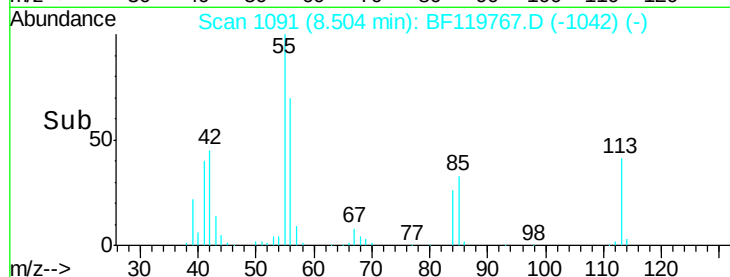
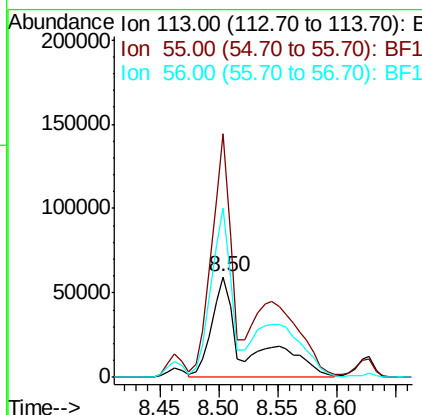
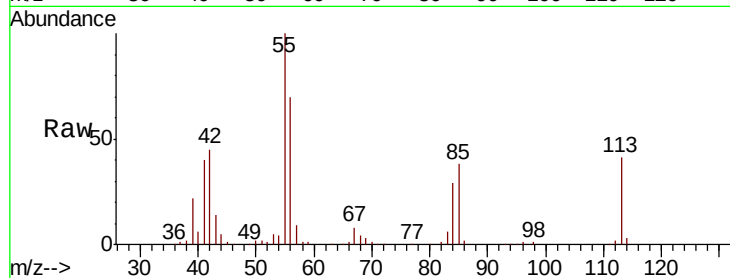
ClientSampleID :

PB127997BS

Tot Ion:	113	Resp:	124706
Ion	Ratio	Lower	Upper
113	100		
55	242.8	218.4	258.4
56	168.8	148.9	188.9

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#36

4-Chloro-3-methylphenol

Concen: 43.612 ng/mL

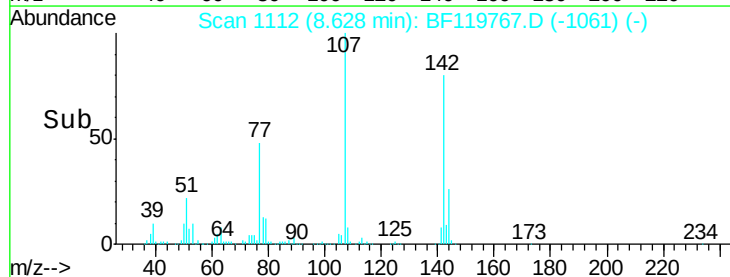
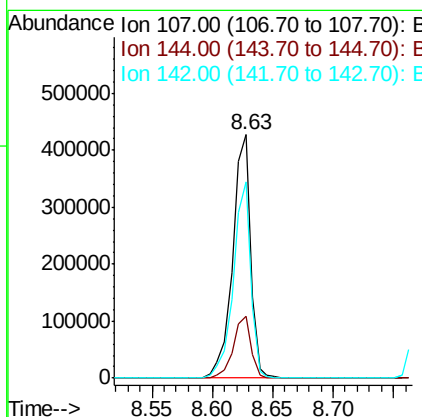
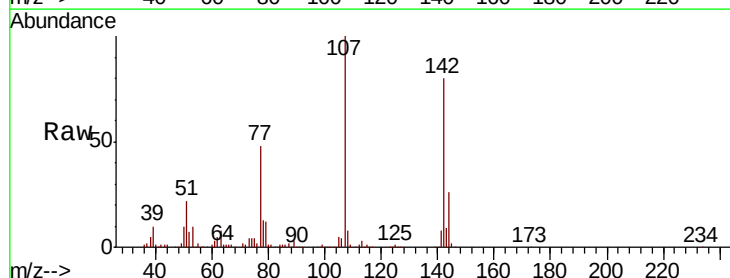
RT: 8.63 min Scan# 1112

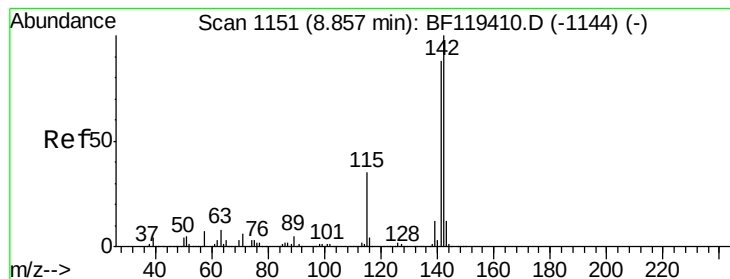
Delta R.T. -0.00 min

Lab File: BF119767.D

Acq: 6 Apr 2020 13:12

Tgt Ion:	107	Resp:	444846
Ion	Ratio	Lower	Upper
107	100		
144	25.7	21.0	31.6
142	80.4	64.4	96.6





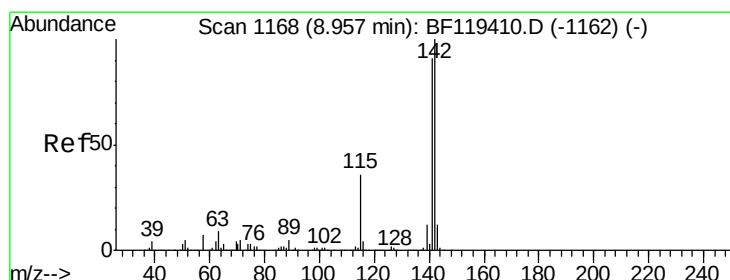
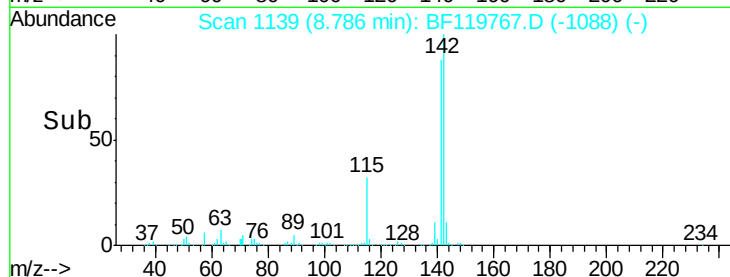
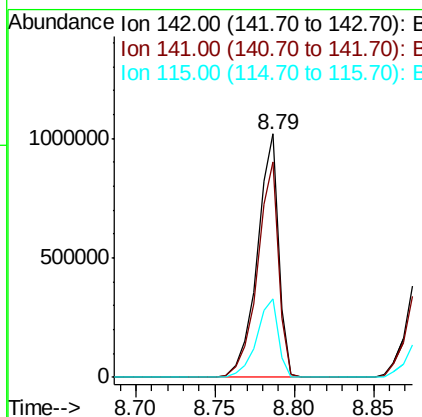
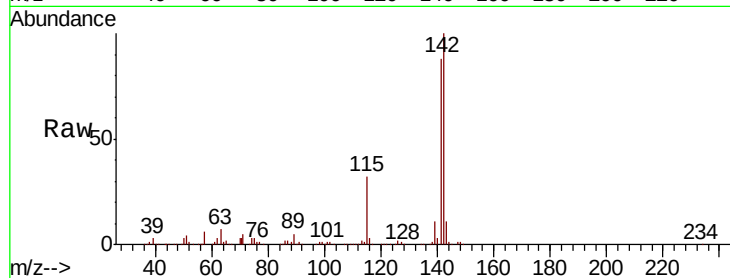
#37
2-Methylnaphthalene
Concen: 44.575 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB127997BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.7	107.5
115	32.4	27.9	41.9

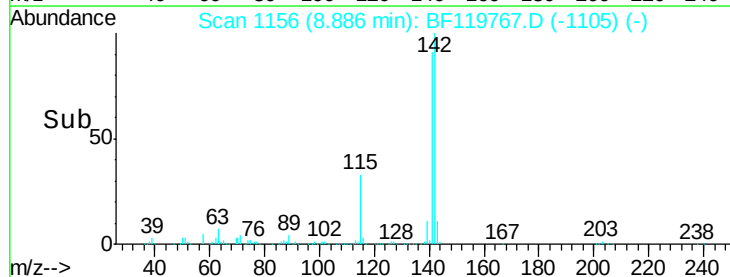
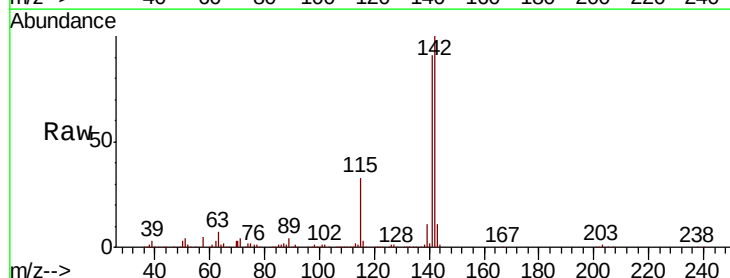
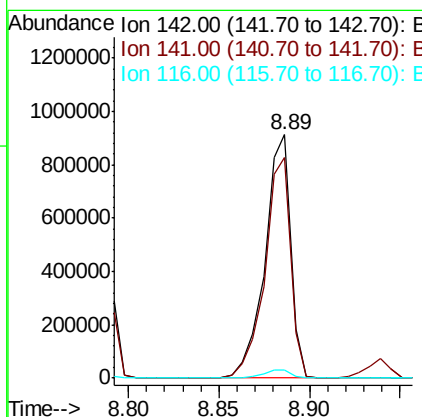
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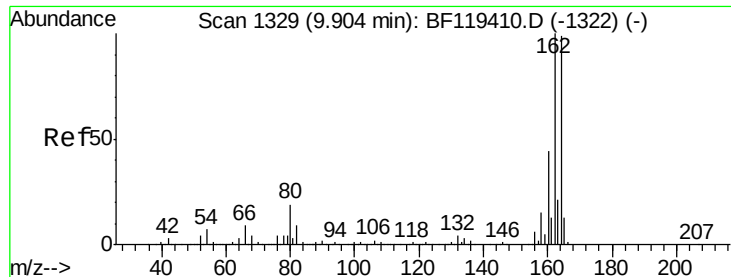
mohammad
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#38
1-Methylnaphthalene
Concen: 44.379 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.7	110.5
116	3.3	3.0	4.6





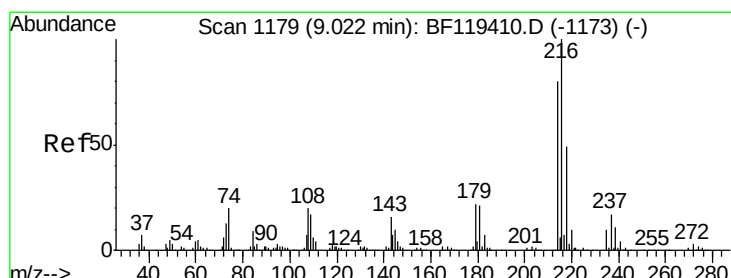
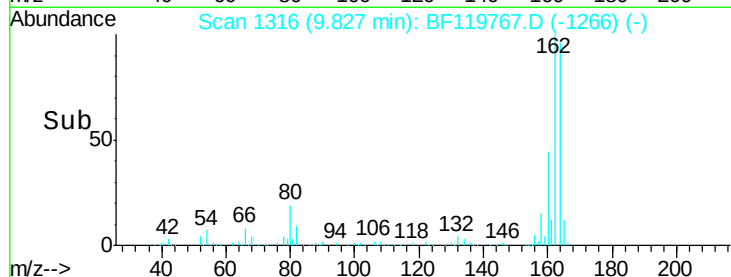
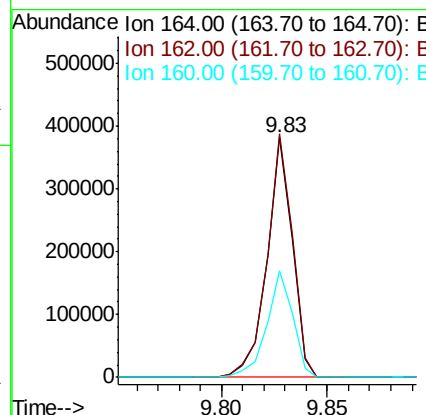
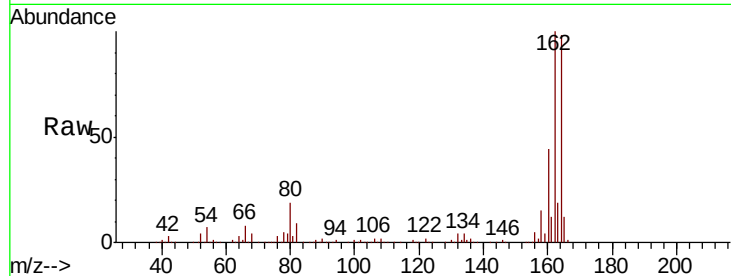
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF119767.D
 Acq: 6 Apr 2020 13:12

Instrument :
 BNA_F
 ClientSampleID :
 PB127997BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.6	80.6	121.0	
160	44.4	35.7	53.5	

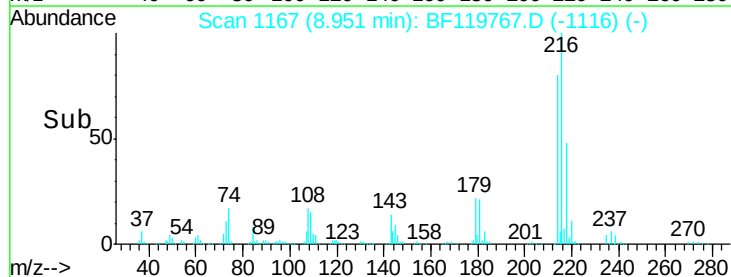
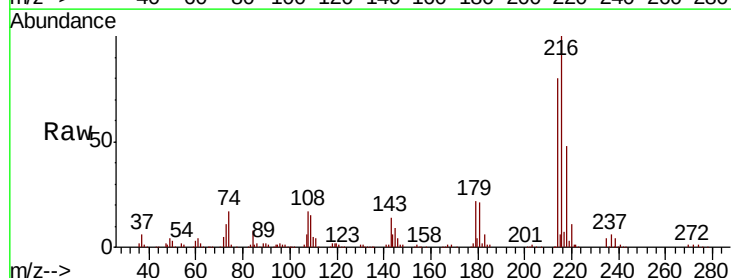
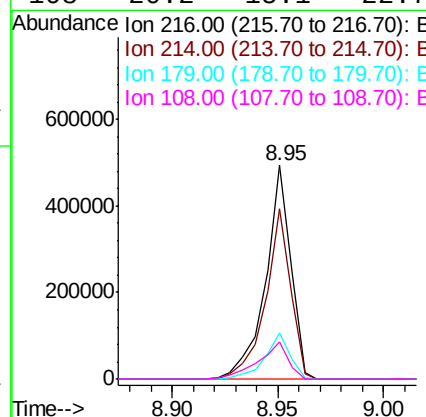
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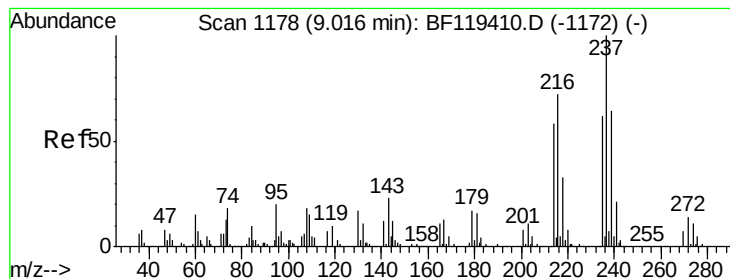
mohammad
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.973 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF119767.D
 Acq: 6 Apr 2020 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.3	63.2	94.8	
179	21.3	17.1	25.7	
108	20.2	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 95.900 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF119767.D

Acq: 6 Apr 2020 13:12

Instrument :

BNA_F

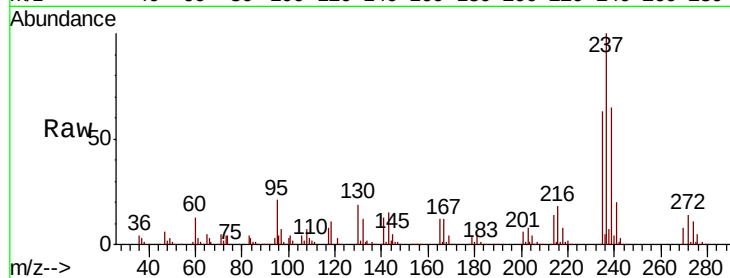
ClientSampleId :

PB127997BS

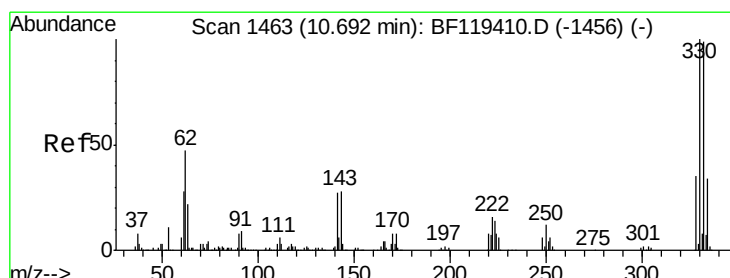
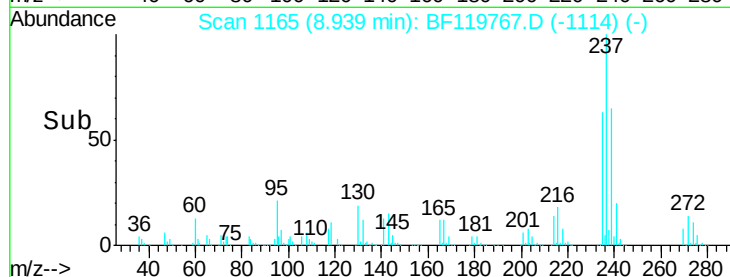
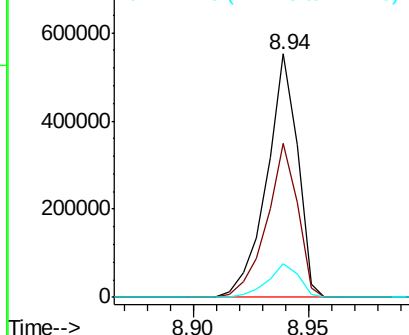
Tot Ion:	237	Resp:	511414
Ion Ratio	Lower	Upper	
237	100		
235	63.2	43.2	83.2
272	14.0	0.0	34.1

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



#42

2,4,6-Tribromophenol

Concen: 133.866 ng

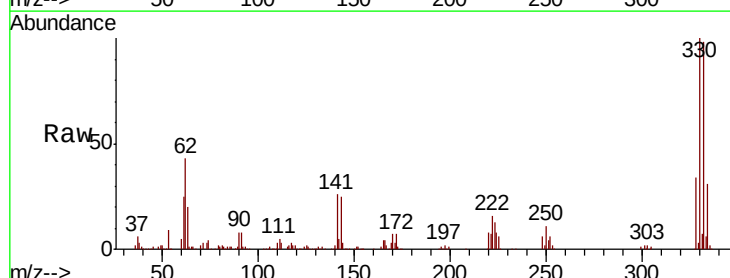
RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

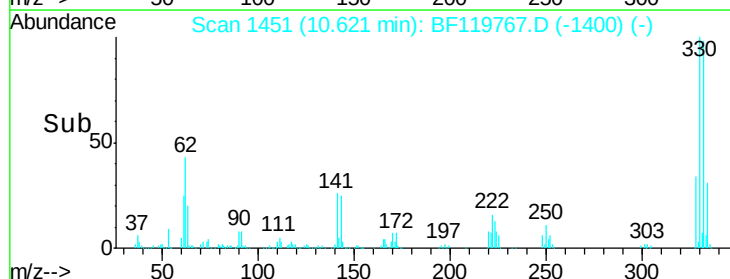
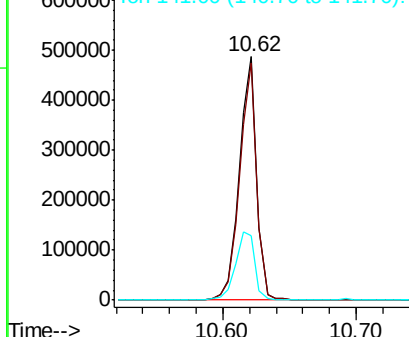
Lab File: BF119767.D

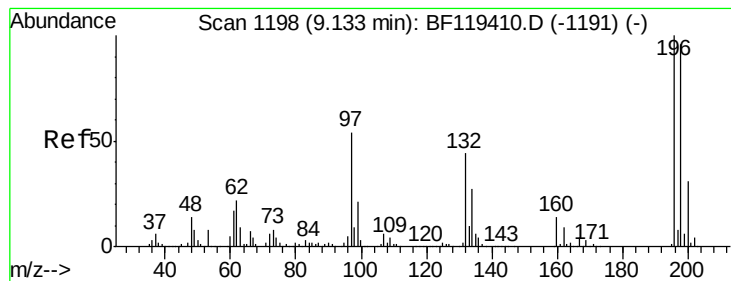
Acq: 6 Apr 2020 13:12

Tgt Ion:	330	Resp:	441970
Ion Ratio	Lower	Upper	
330	100		
332	95.9	75.7	113.5
141	31.2	25.4	38.0



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





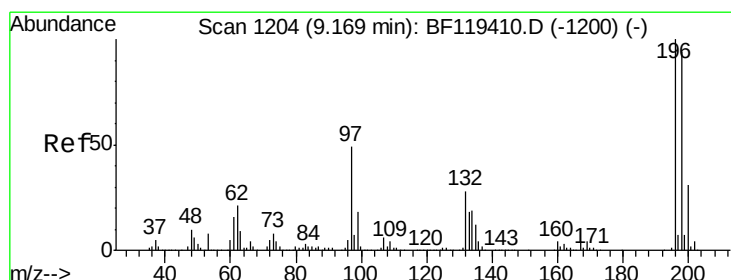
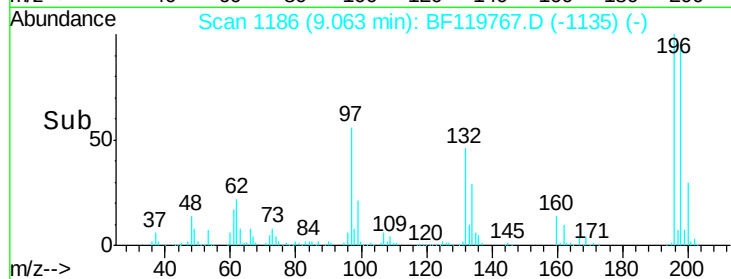
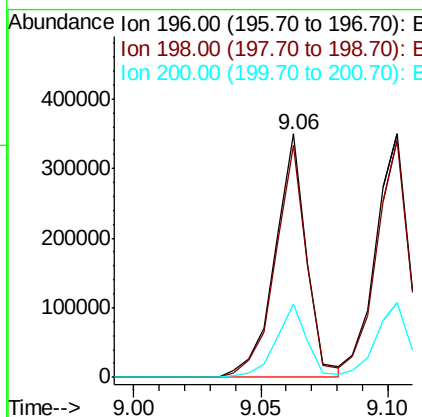
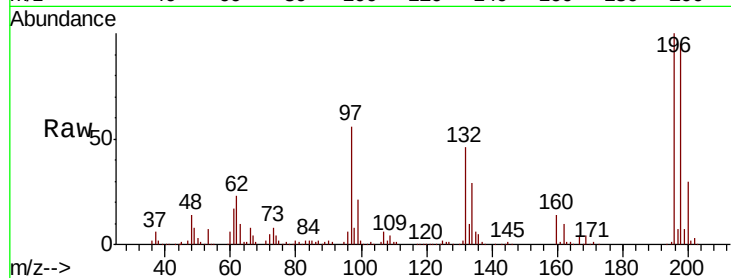
#43
 2,4,6-Trichlorophenol
 Concen: 45.235 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF119767.D
 Acq: 6 Apr 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB127997BS

Tot Ion:	196	Resp:	303650
Ion Ratio	Lower	Upper	
196	100		
198	95.3	76.6	115.0
200	29.9	24.6	36.8

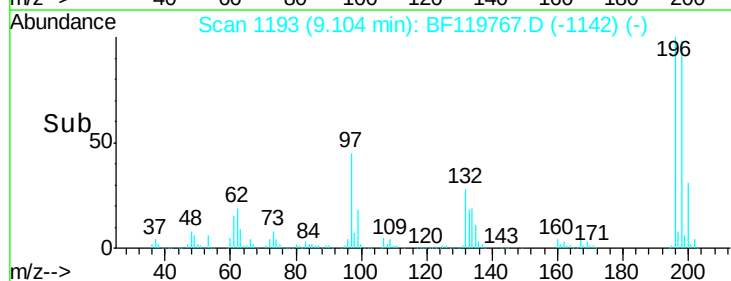
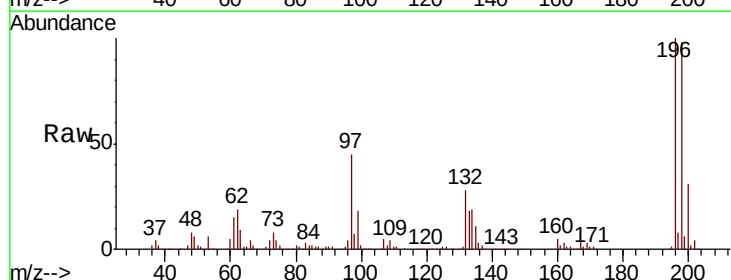
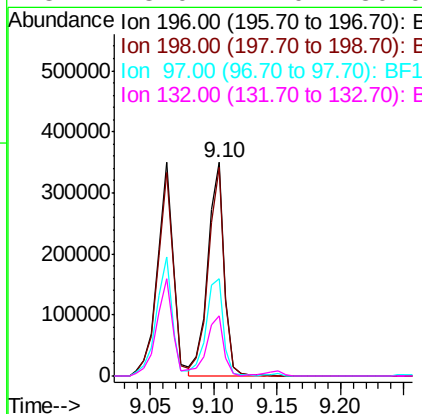
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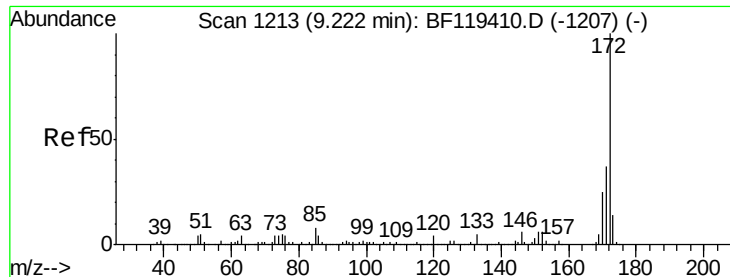
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 42.315 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF119767.D
 Acq: 6 Apr 2020 13:12

Tgt Ion:	196	Resp:	318203
Ion Ratio	Lower	Upper	
196	100		
198	97.6	73.8	110.8
97	45.4	42.6	63.8
132	28.0	24.0	36.0





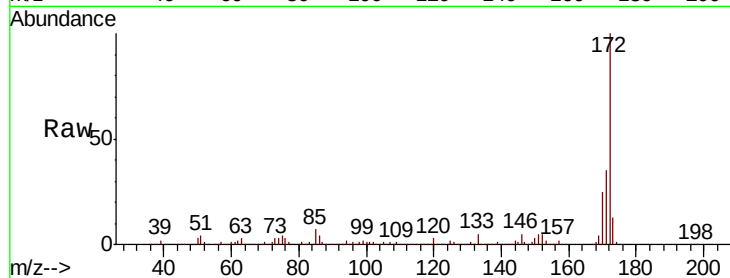
#45
2-Fluorobiphenyl
Concen: 86.486 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB127997BS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.2	29.6	44.4	
170	24.6	20.2	30.2	

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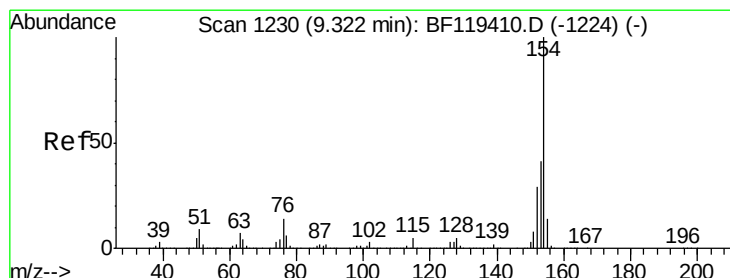
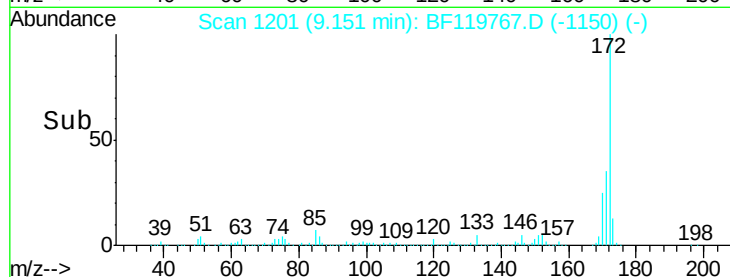
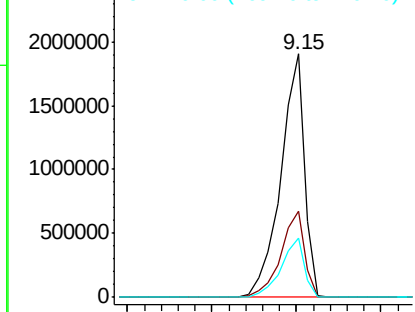


Abundance

Ion 172.00 (171.70 to 172.70): E

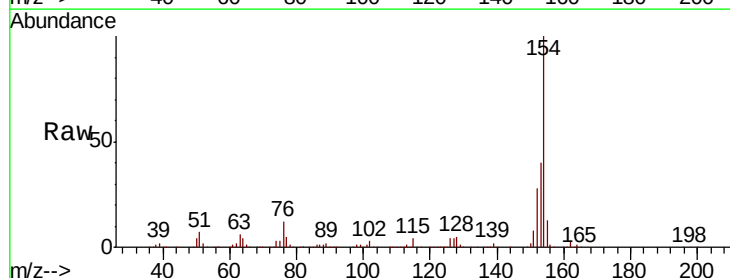
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 43.655 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	40.1	21.4	61.4	
76	11.5	0.0	33.0	

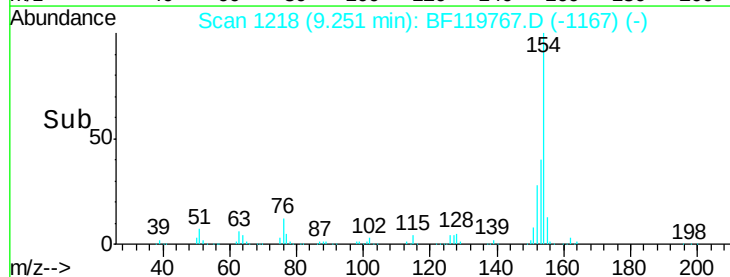
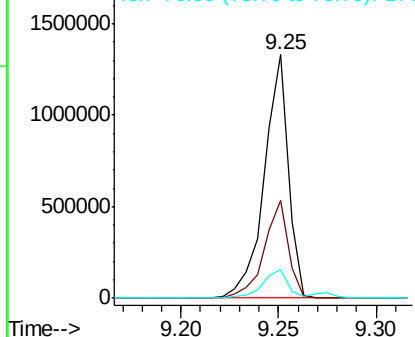


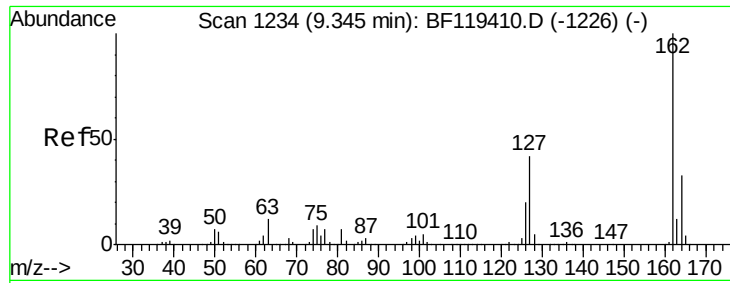
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





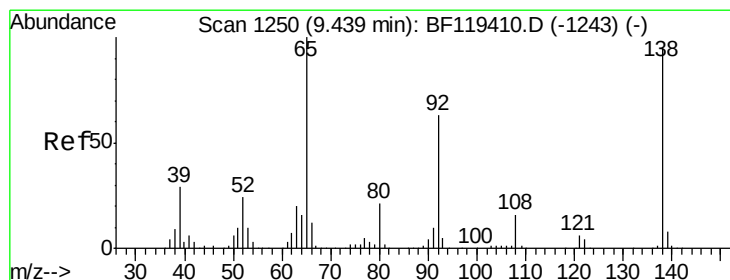
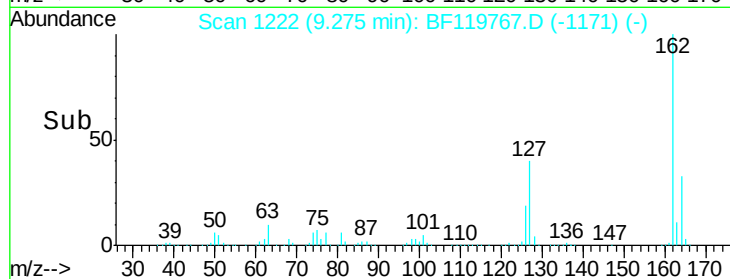
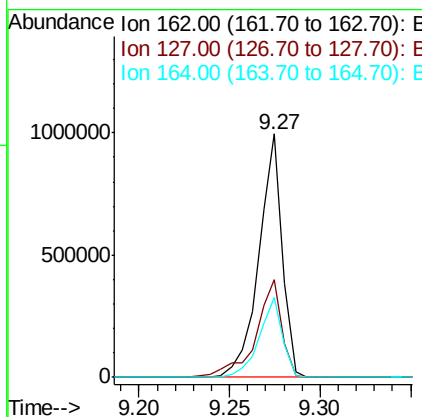
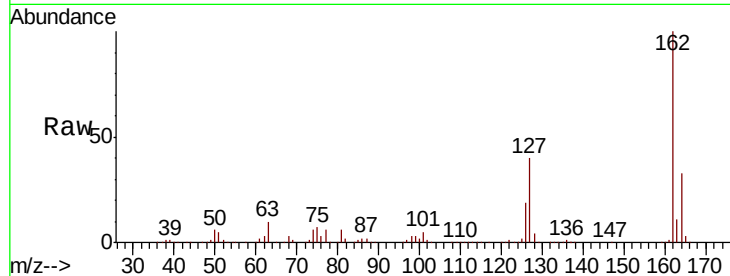
#47
2-Chloronaphthalene
Concen: 43.639 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB127997BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	890967		
127	39.9		33.7	50.5
164	32.7		26.3	39.5

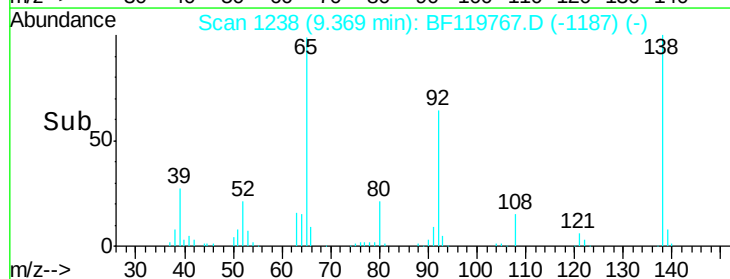
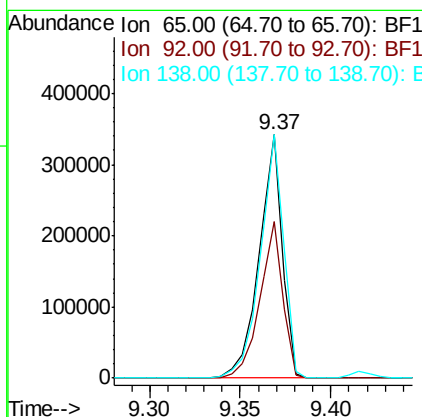
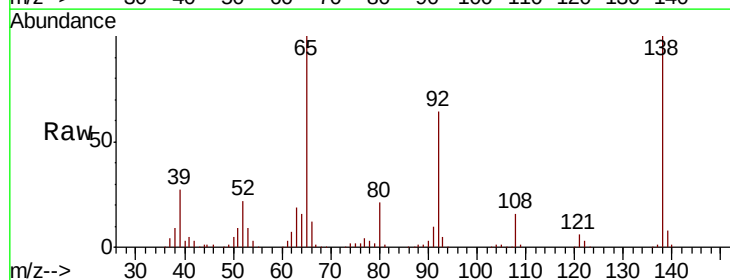
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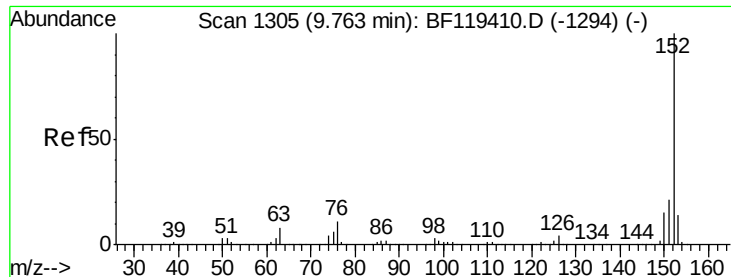
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#48
2-Nitroaniline
Concen: 43.232 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	304661		
92	64.4		50.0	75.0
138	100.2		75.0	112.4





#49

Acenaphthylene

Concen: 43.542 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF119767.D

Acq: 6 Apr 2020 13:12

Instrument :

BNA_F

ClientSampleId :

PB127997BS

Tot Ion:152 Resp: 1396035

Ion Ratio Lower Upper

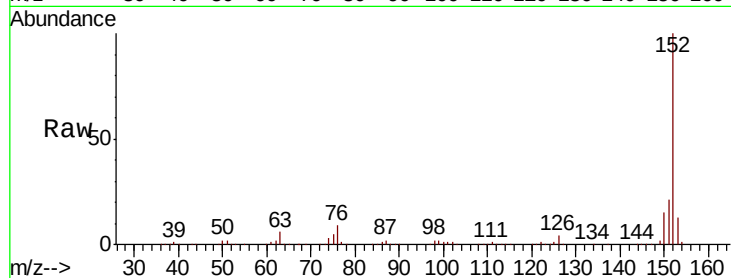
152 100

151 20.8 17.2 25.8

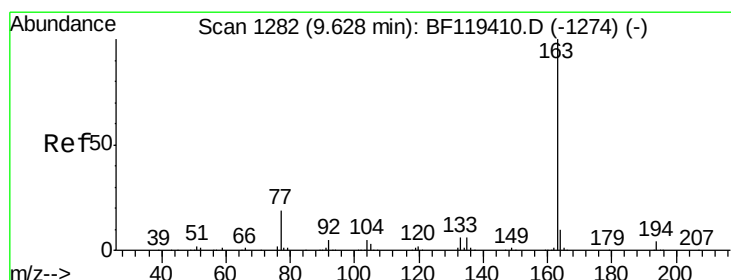
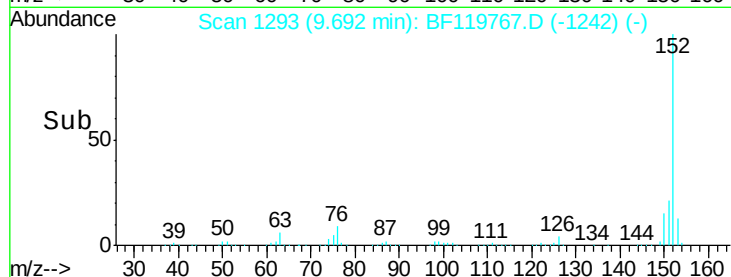
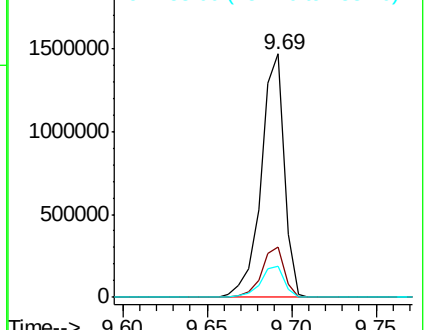
153 13.0 11.2 16.8

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Abundance Ion 152.00 (151.70 to 152.70): E
2000000 Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.253 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF119767.D

Acq: 6 Apr 2020 13:12

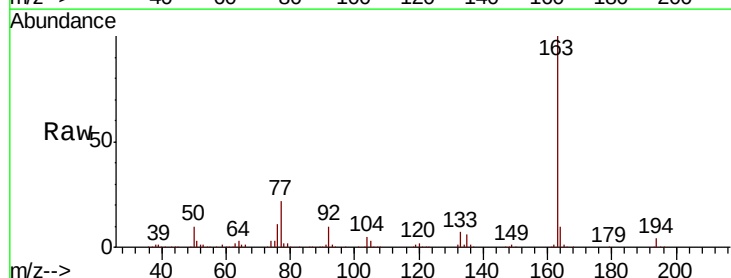
Tgt Ion:163 Resp: 1005941

Ion Ratio Lower Upper

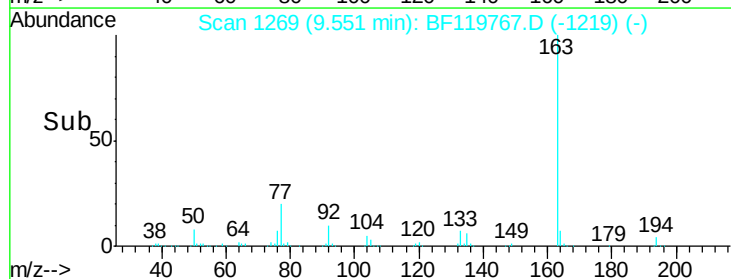
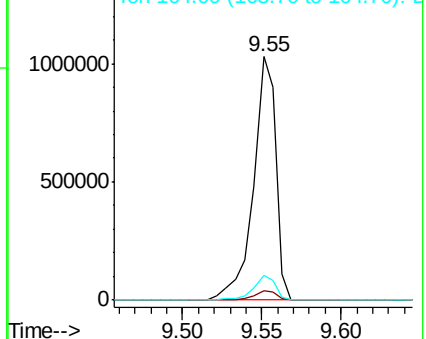
163 100

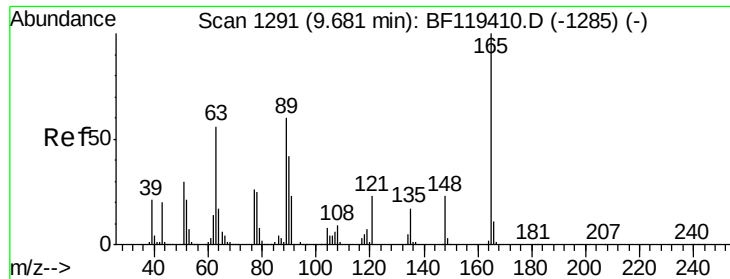
194 3.8 3.1 4.7

164 10.4 8.2 12.2



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





#51

2,6-Dinitrotoluene

Concen: 46.629 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF119767.D

Acq: 6 Apr 2020 13:12

Instrument :

BNA_F

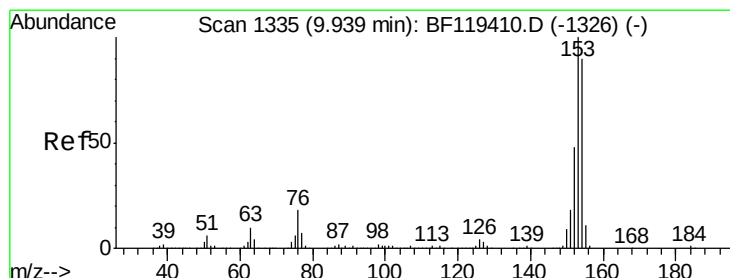
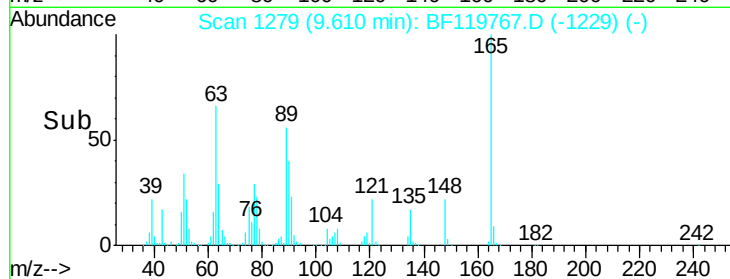
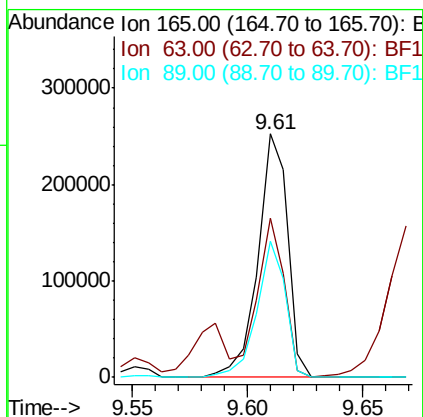
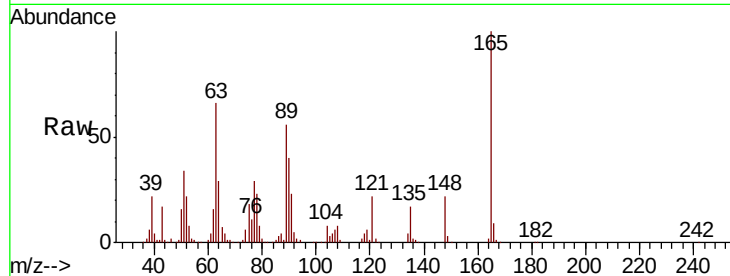
ClientSampleId :

PB127997BS

Tot Ion:	165	Resp:	227196
Ion Ratio	Lower	Upper	
165	100		
63	65.5	45.0	67.4
89	55.7	41.5	62.3

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#52

Acenaphthene

Concen: 42.866 ng

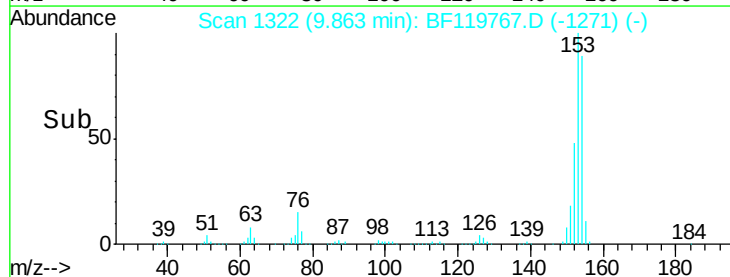
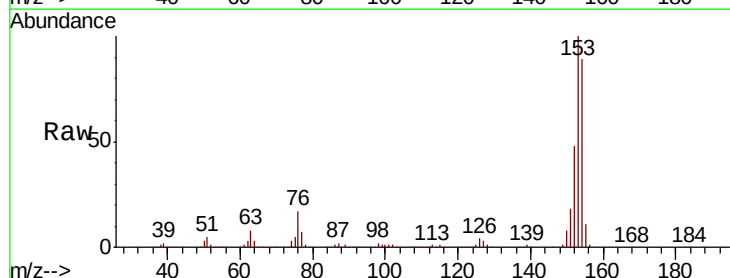
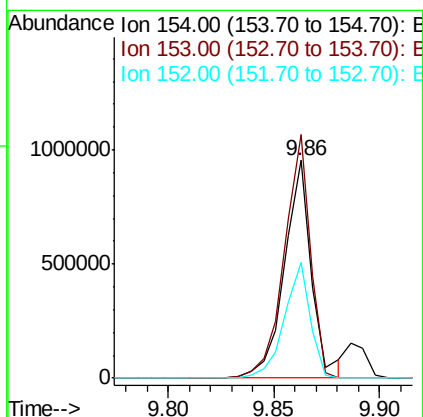
RT: 9.86 min Scan# 1322

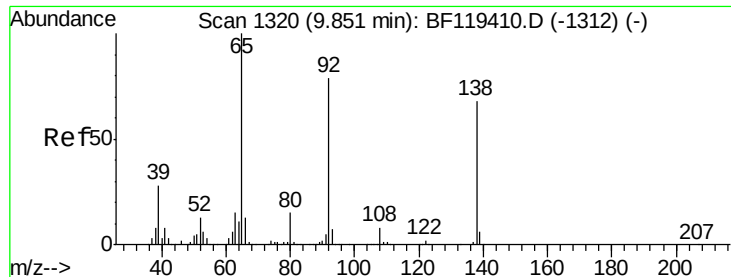
Delta R.T. -0.00 min

Lab File: BF119767.D

Acq: 6 Apr 2020 13:12

Tgt Ion:	154	Resp:	856791
Ion Ratio	Lower	Upper	
154	100		
153	111.8	88.1	132.1
152	53.3	43.0	64.4





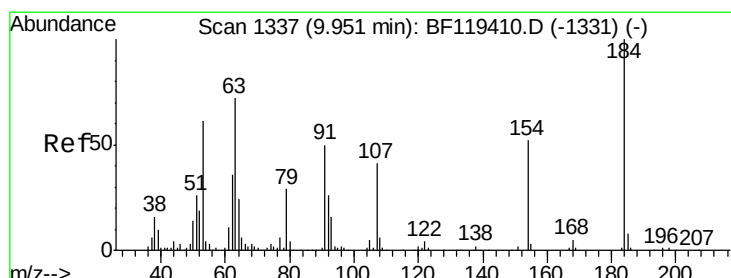
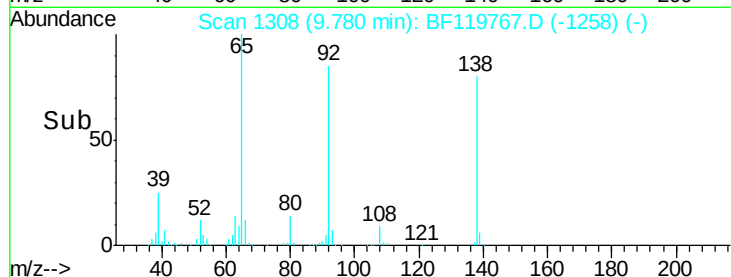
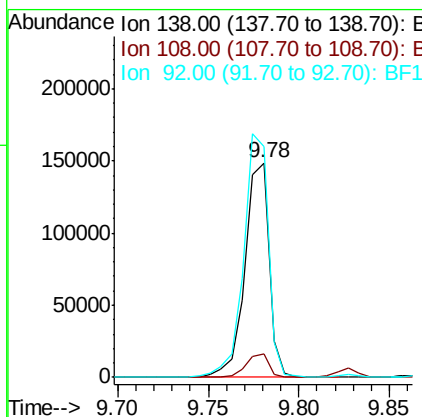
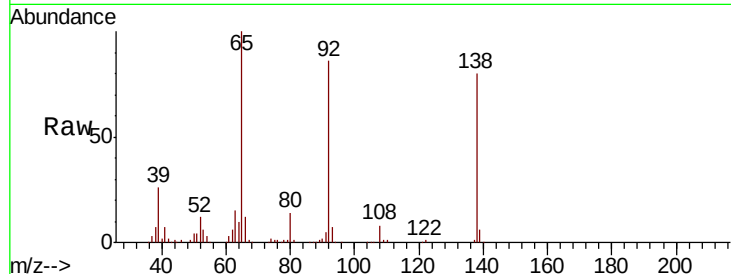
#53
 3-Nitroaniline
 Concen: 22.476 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF119767.D
 Acq: 6 Apr 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB127997BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	138258		
108	10.7	8.6	13.0	
92	107.7	95.4	143.0	

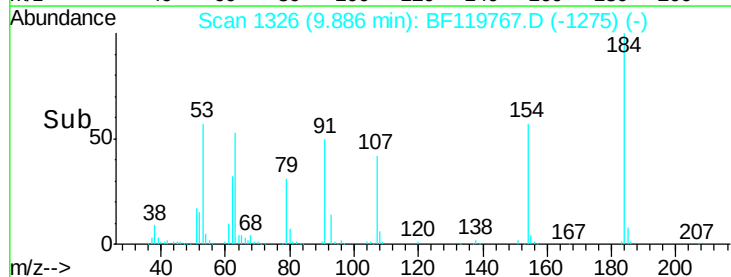
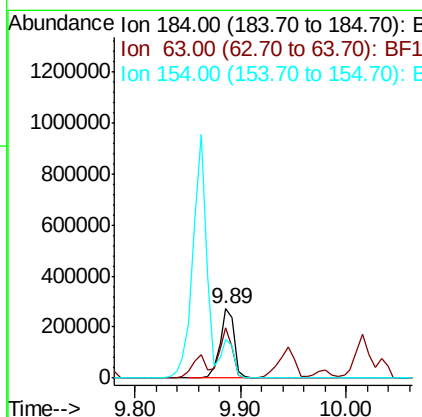
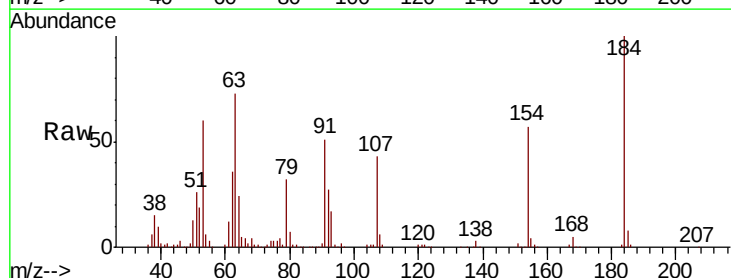
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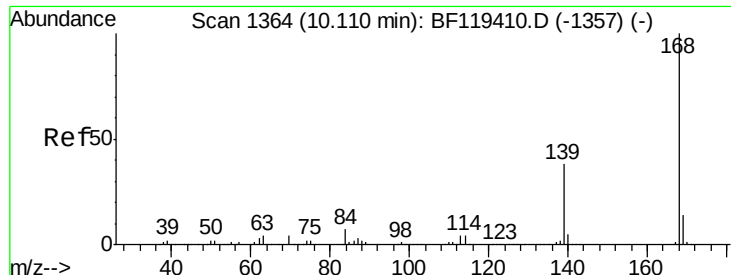
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#54
 2,4-Dinitrophenol
 Concen: 121.462 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF119767.D
 Acq: 6 Apr 2020 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	264820		
63	73.3	50.2	75.4	
154	56.6	44.5	66.7	





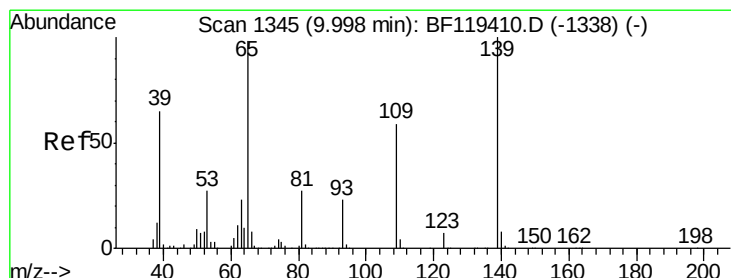
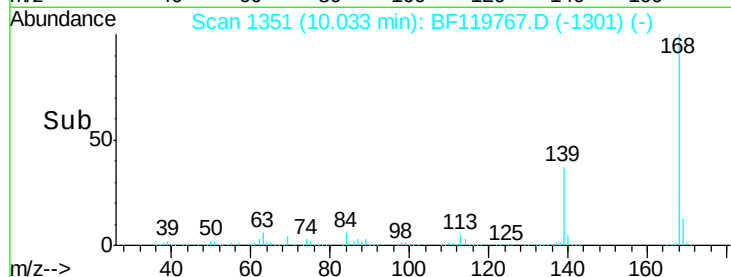
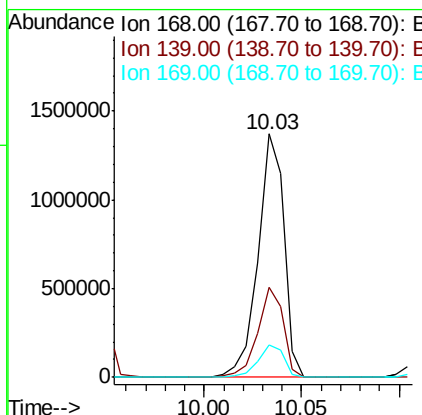
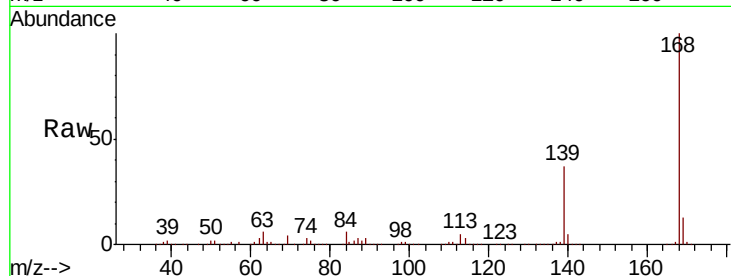
#55
Dibenzofuran
Concen: 44.029 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB127997BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.1	45.1
169	13.5	11.0	16.6

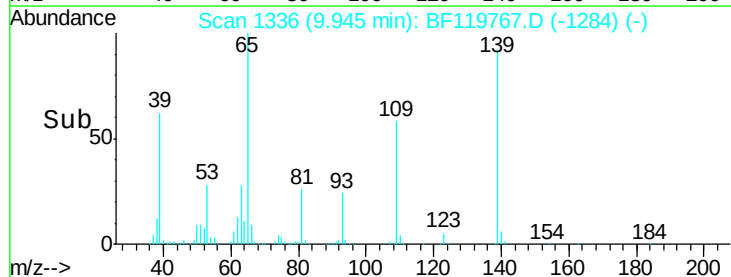
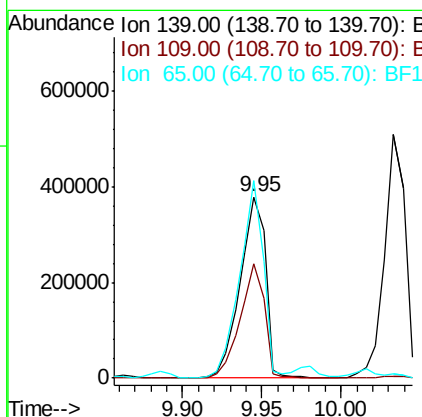
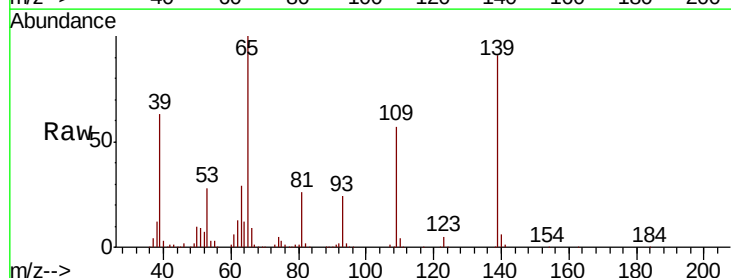
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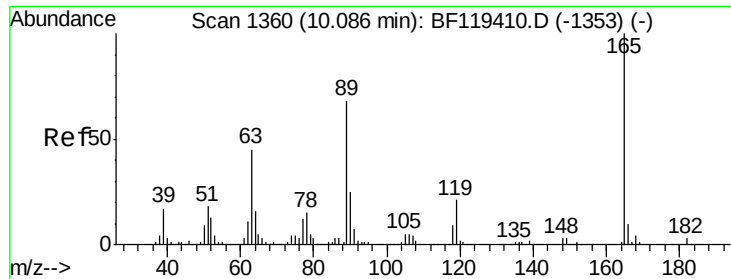
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#56
4-Nitrophenol
Concen: 87.052 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.8	43.3	83.3
65	109.3	91.0	131.0





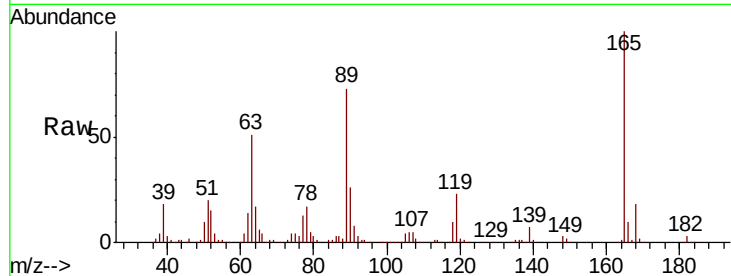
#57
2,4-Dinitrotoluene
Concen: 49.899 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB127997BS

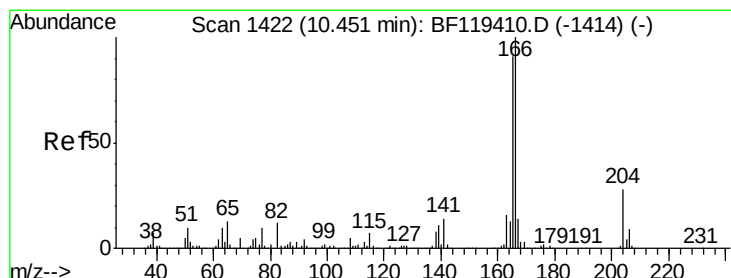
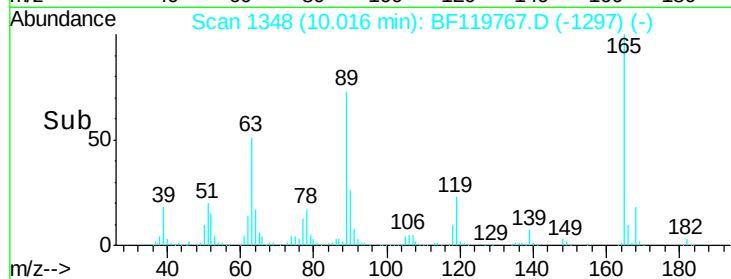
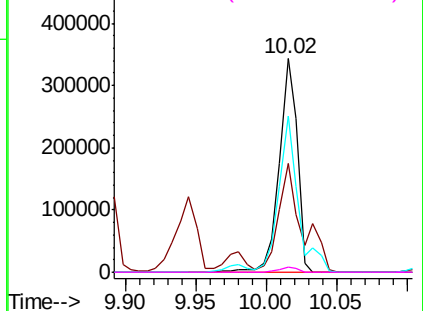
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		306276		
63	50.7	42.6	64.0		
89	73.3	61.0	91.4		
182	2.7	2.2	3.2		

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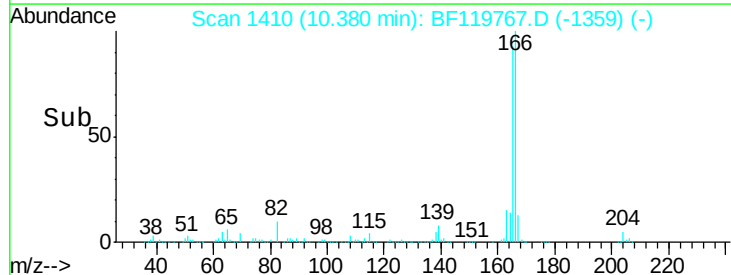
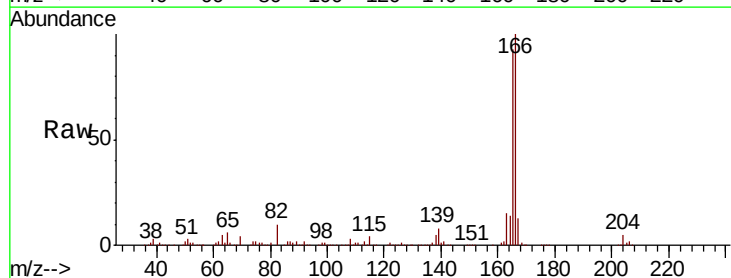
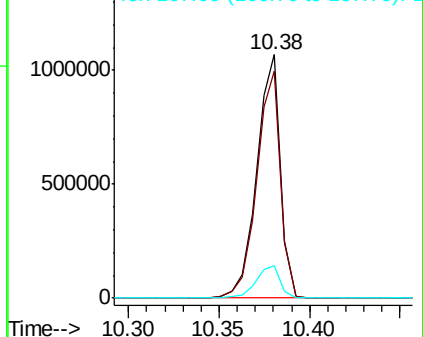
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

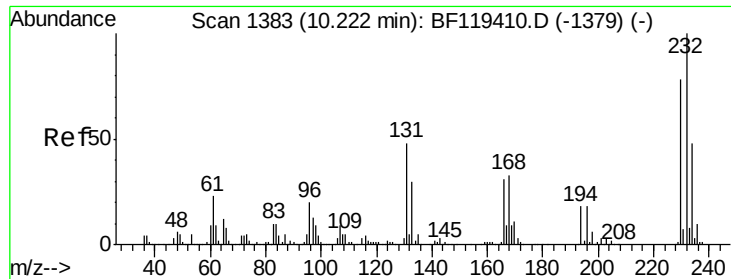


#58
Fluorene
Concen: 45.388 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		961854		
165	93.4	75.4	113.2		
167	13.4	11.2	16.8		

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





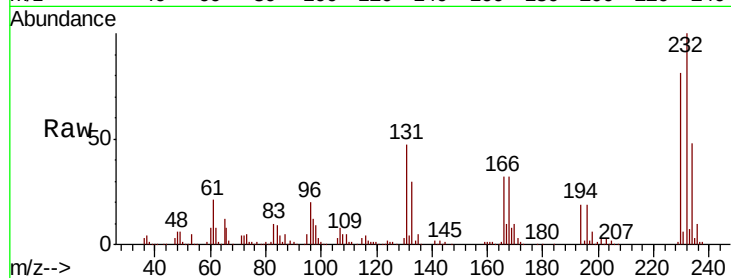
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.645 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BF119767.D
 Acq: 6 Apr 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB127997BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	262188		
131	45.5		37.5	56.3
130	2.1		1.8	2.6
166	31.6		24.6	36.8

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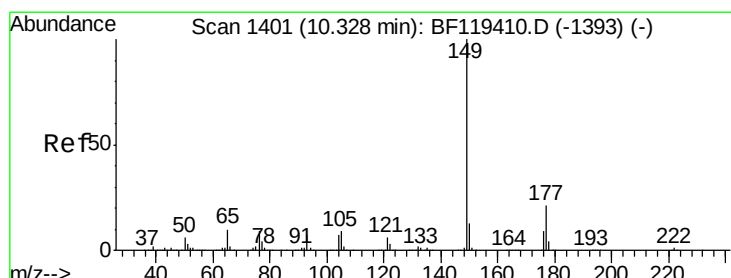
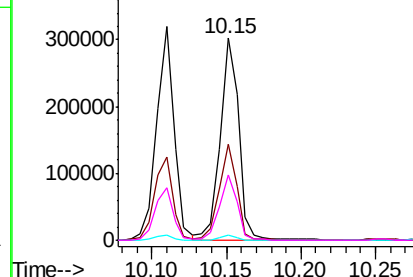
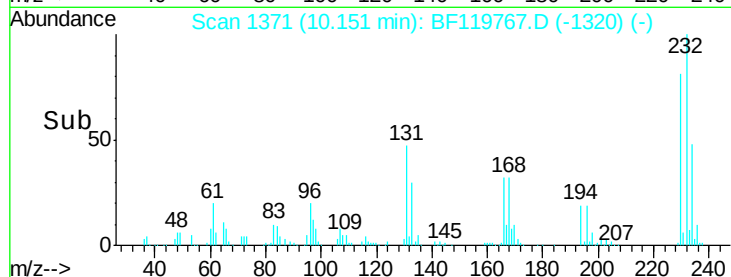
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

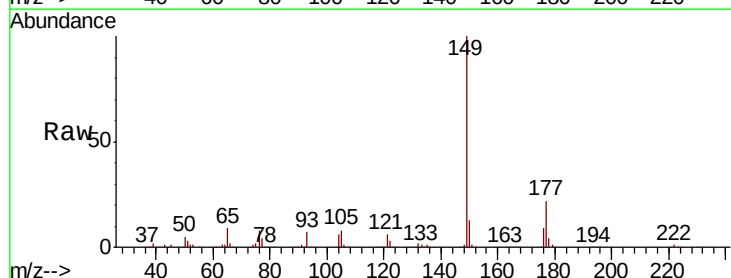
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 44.399 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF119767.D
 Acq: 6 Apr 2020 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1024329		
177	22.2		17.0	25.6
150	12.5		10.1	15.1

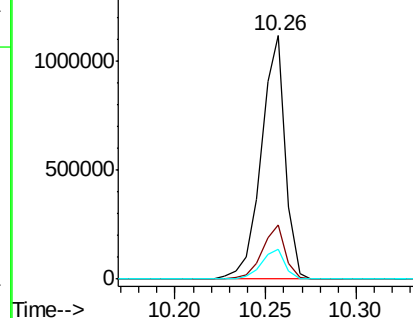
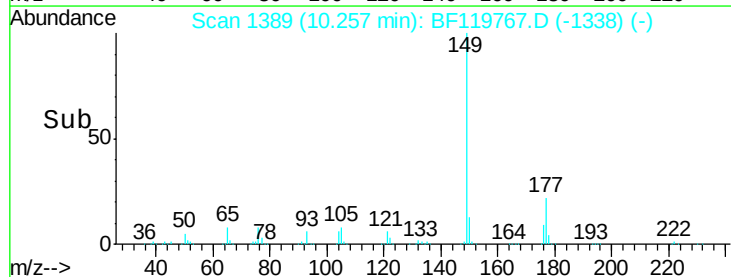


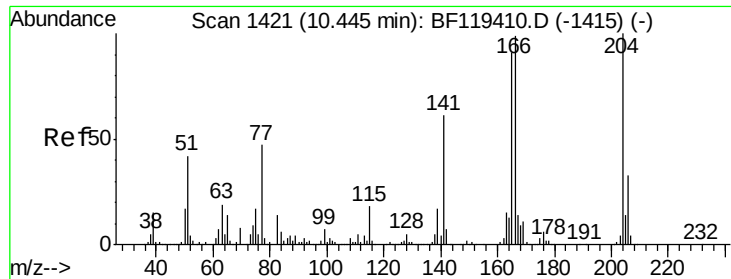
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





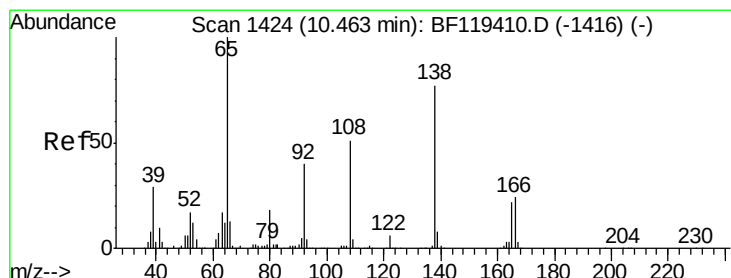
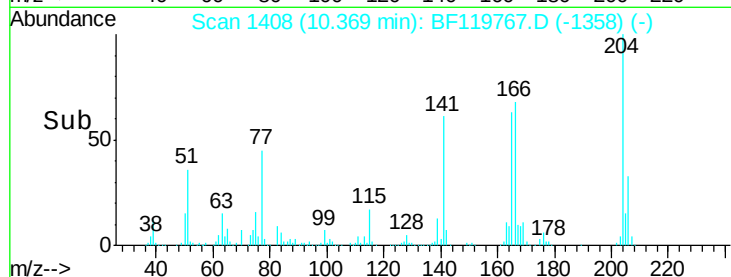
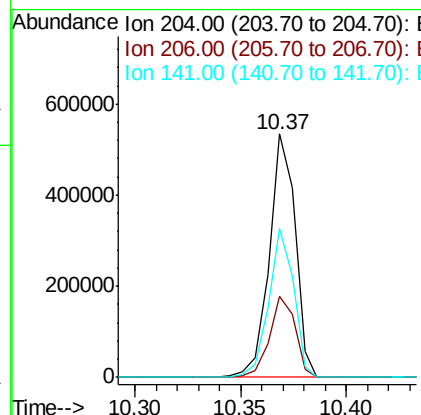
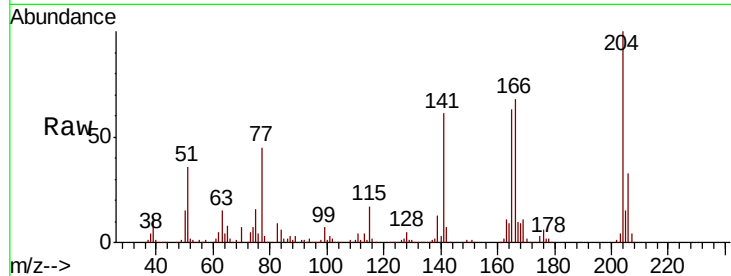
#61
 4-Chlorophenyl-phenylether
 Concen: 44.048 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF119767.D
 Acq: 6 Apr 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB127997BS

Tot Ion:	204	Resp:	456475
Ion Ratio	Lower	Upper	
204	100		
206	33.3	26.7	40.1
141	61.2	47.3	70.9

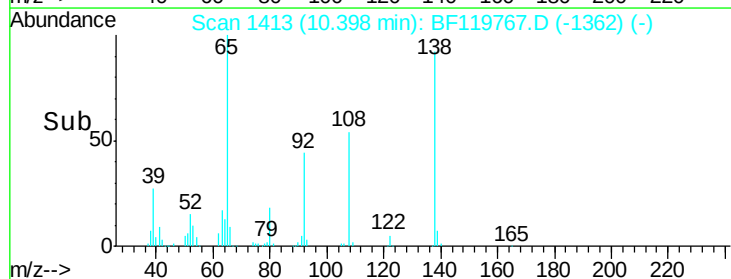
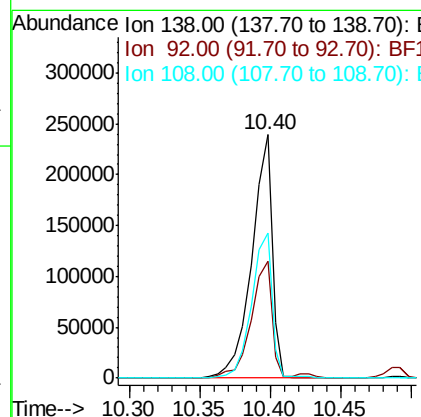
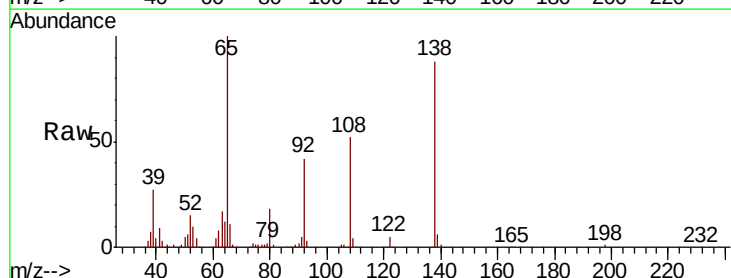
Manual Integrations
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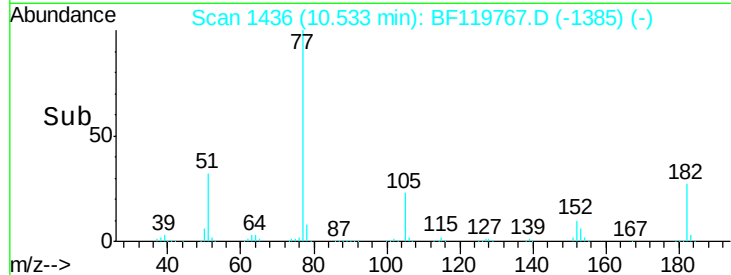
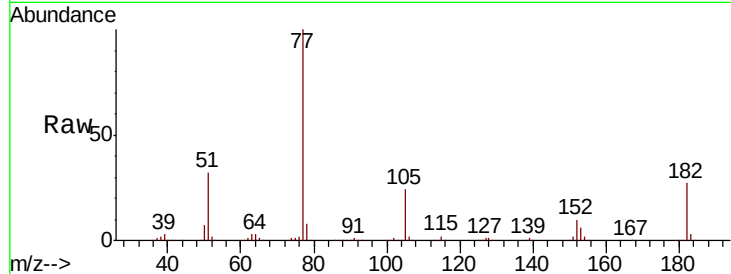
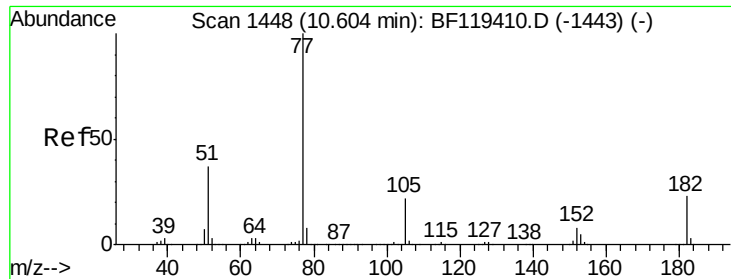
mohammad
 4/8/2020 8:12:15 AM



#62
 4-Nitroaniline
 Concen: 41.431 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF119767.D
 Acq: 6 Apr 2020 13:12

Tgt Ion:	138	Resp:	244390
Ion Ratio	Lower	Upper	
138	100		
92	48.1	31.5	71.5
108	59.4	45.8	85.8





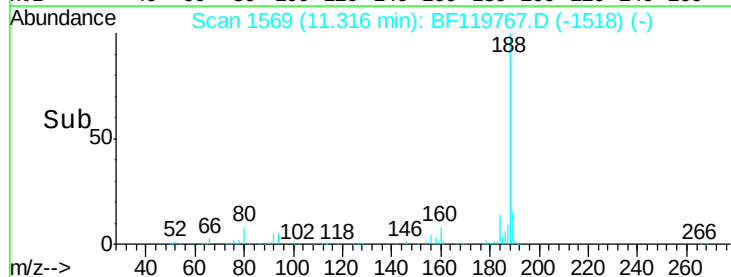
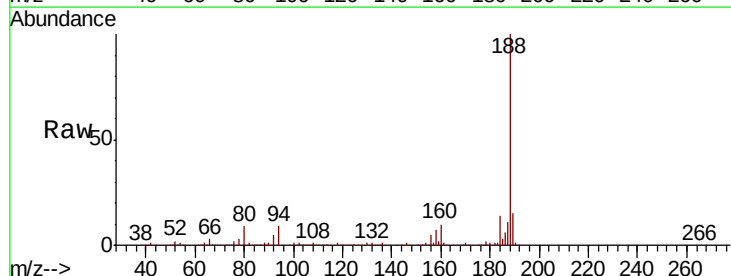
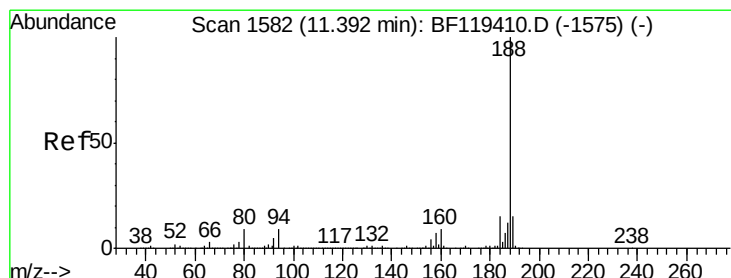
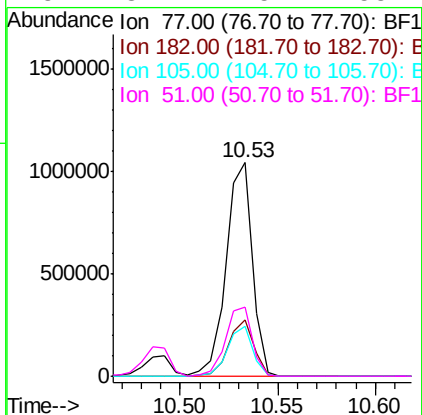
#63
Azobenzene
Concen: 41.842 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.6	4.4	44.4		
105	23.6	2.6	42.6		
51	32.2	15.1	55.1		

Instrument :
BNA_F
ClientSampleId :
PB127997BS

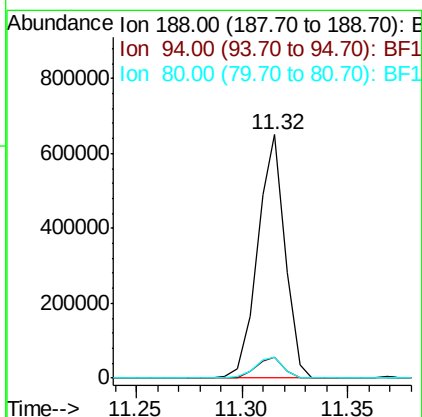
Manual Integrations
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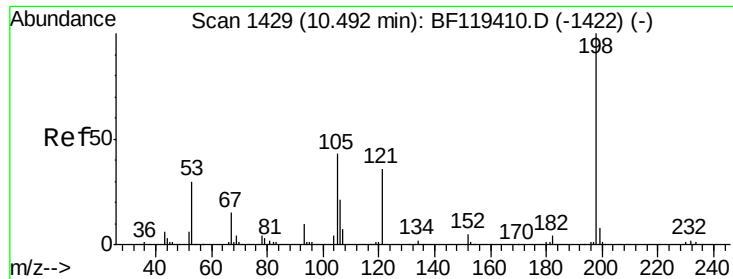
mohammad
4/8/2020 8:12:15 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.7	7.5	11.3		
80	8.7	9.0	13.4		





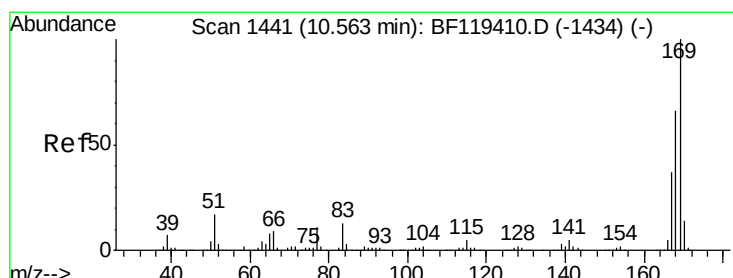
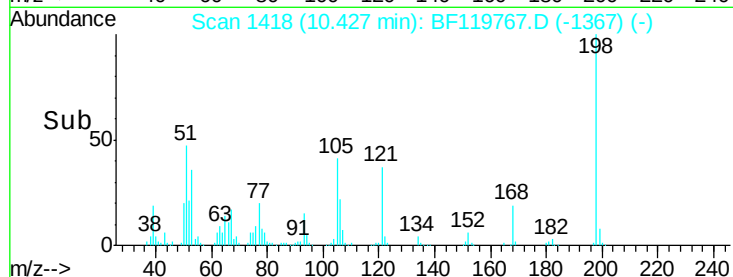
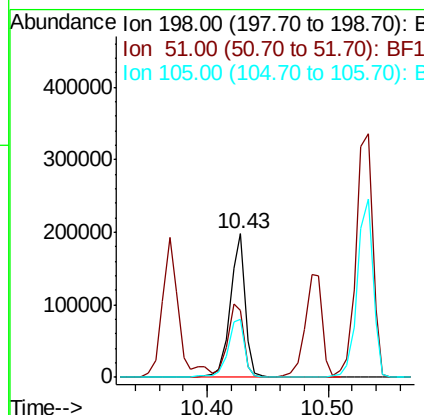
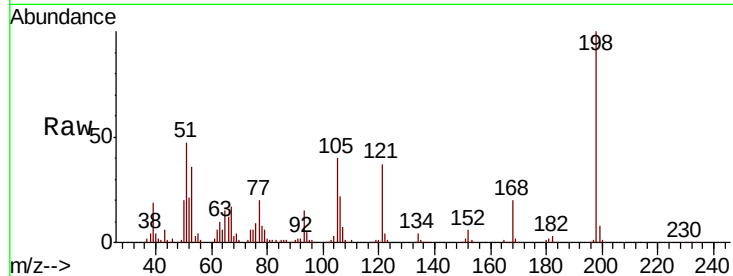
#65
4,6-Dinitro-2-methylphenol
Concen: 68.851 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB127997BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	168799		
51	47.1	29.0	69.0	
105	40.4	22.2	62.2	

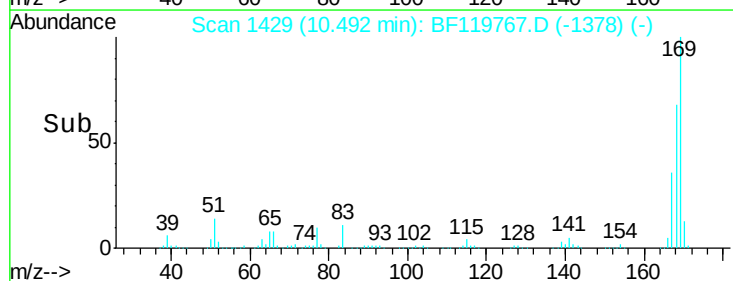
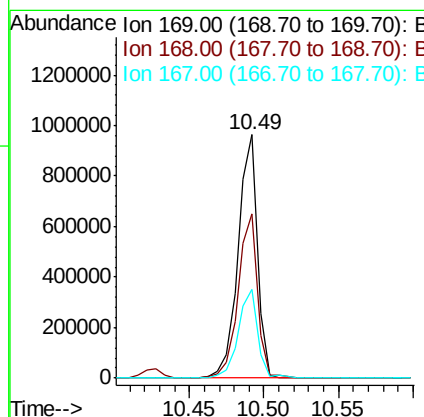
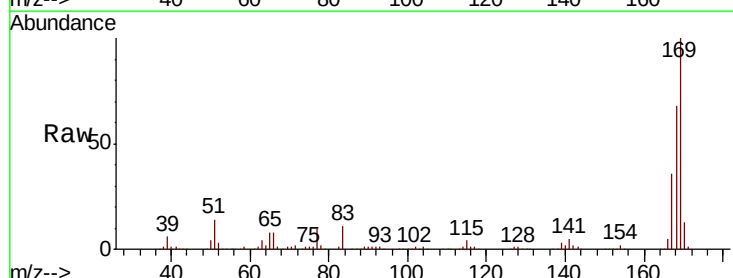
Manual Integrations
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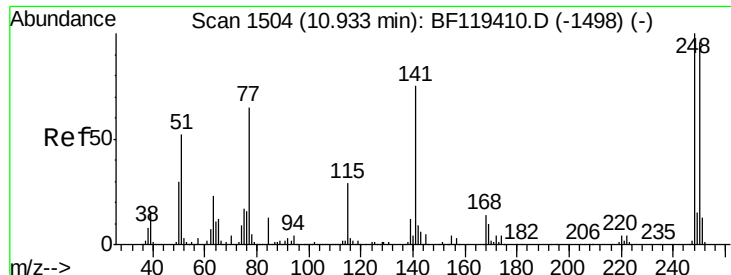
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 45.683 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	876829		
168	67.5	53.2	79.8	
167	36.5	29.1	43.7	





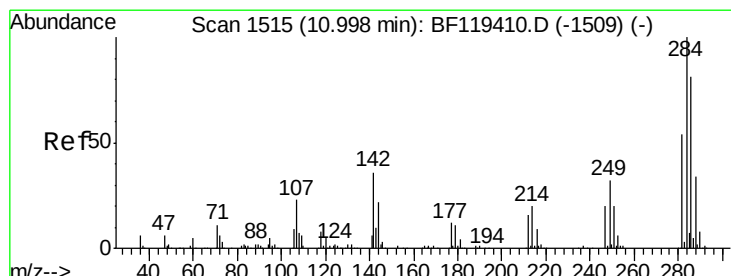
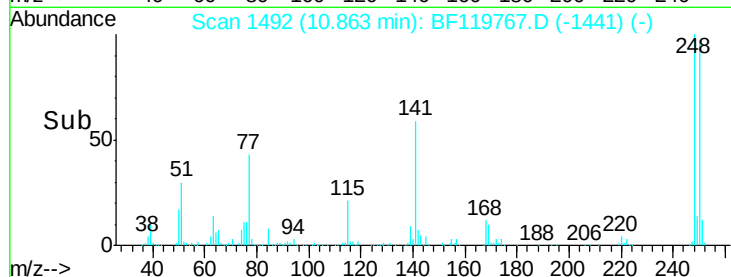
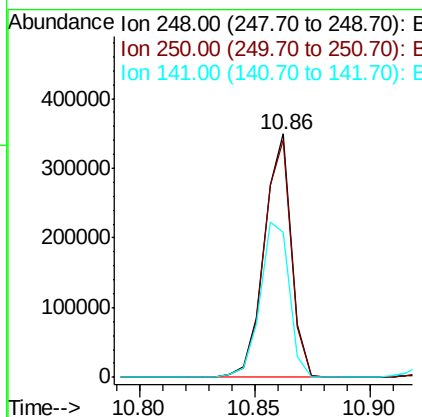
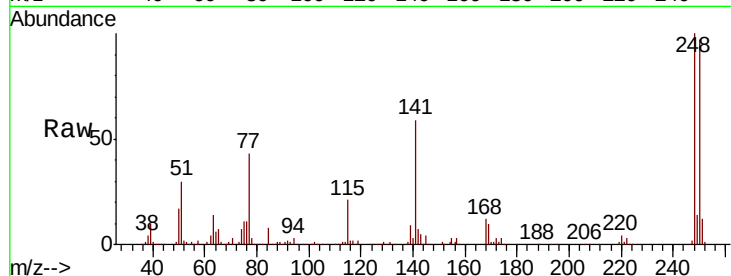
#67
 4-Bromophenyl-phenylether
 Concen: 42.926 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BF119767.D
 Acq: 6 Apr 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB127997BS

Tot Ion:	248	Resp:	285823
Ion Ratio	Lower	Upper	
248	100		
250	97.5	77.3	115.9
141	59.4	58.6	87.8

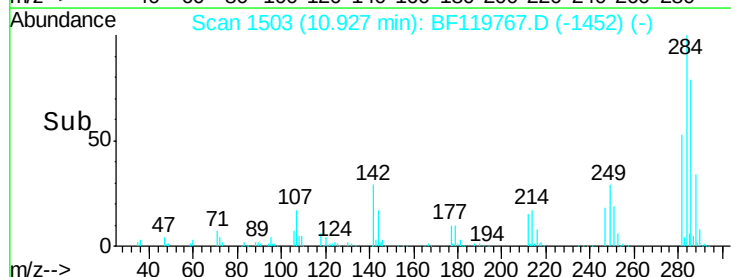
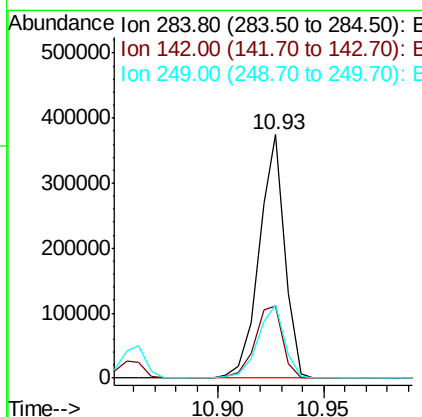
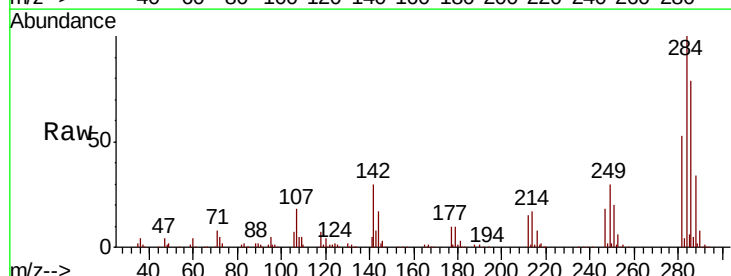
Manual Integrations
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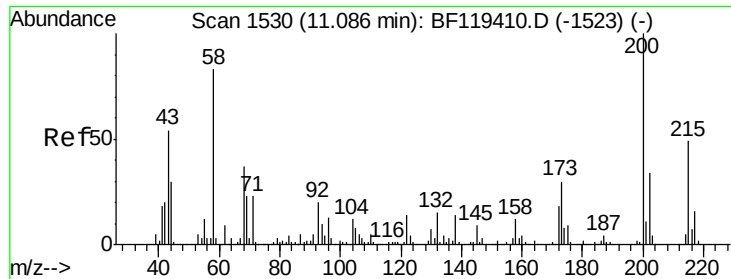
mohammad
 4/8/2020 8:12:15 AM



#68
 Hexachlorobenzene
 Concen: 46.119 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: BF119767.D
 Acq: 6 Apr 2020 13:12

Tgt Ion:	284	Resp:	314300
Ion Ratio	Lower	Upper	
284	100		
142	29.5	29.2	43.8
249	29.9	25.1	37.7





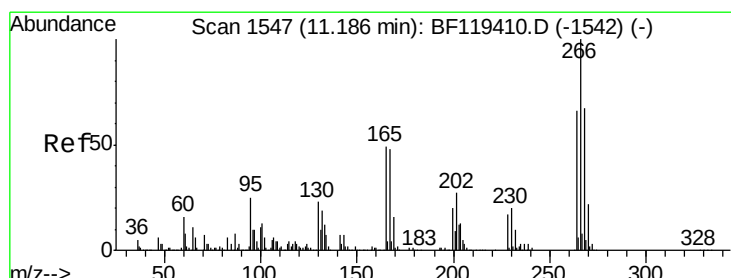
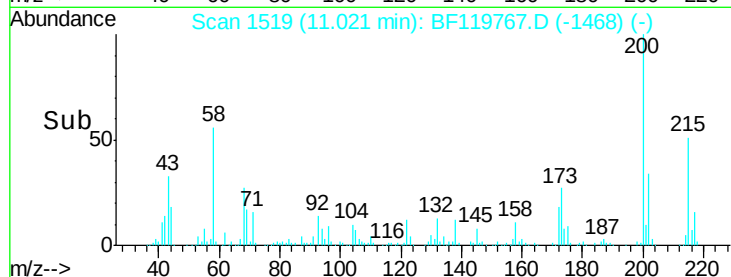
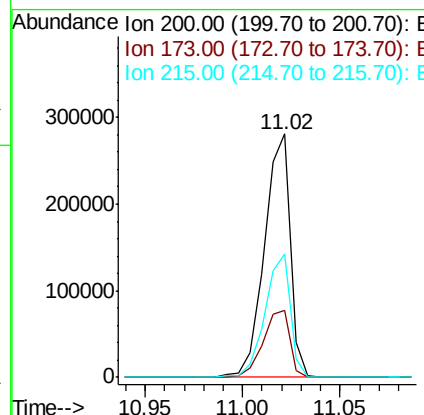
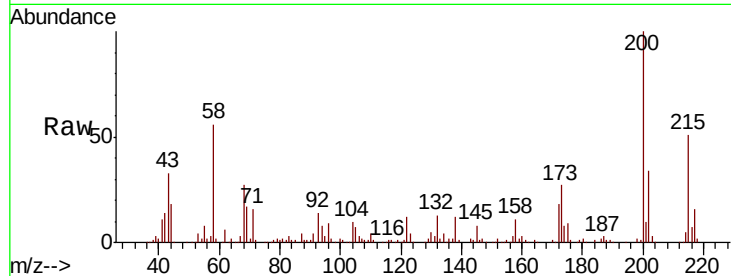
#69
 Atrazine
 Concen: 48.850 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF119767.D
 Acq: 6 Apr 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB127997BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.3	9.3	49.3
215	50.7	29.5	69.5

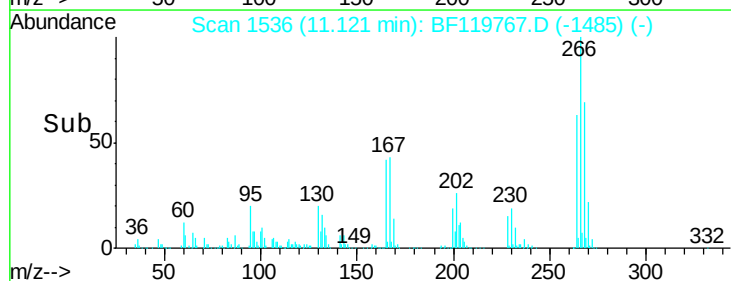
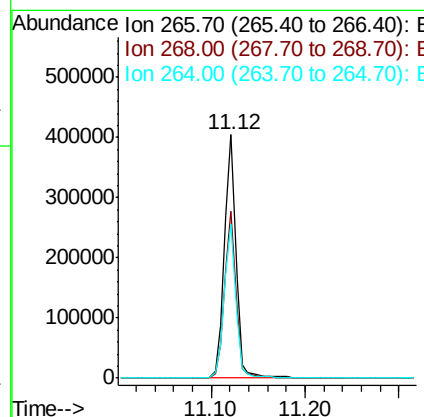
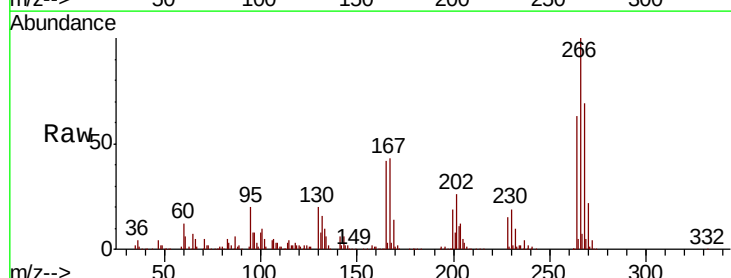
Manual Integrations
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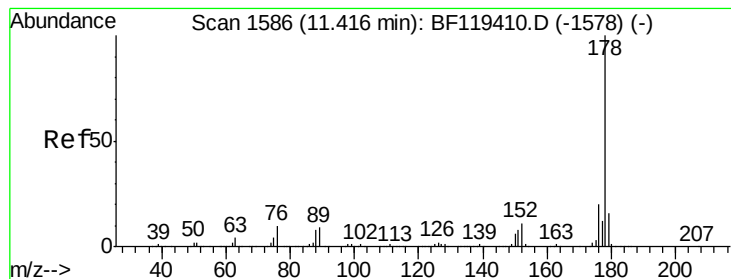
mohammad
 4/8/2020 8:12:15 AM



#70
 Pentachlorophenol
 Concen: 89.170 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BF119767.D
 Acq: 6 Apr 2020 13:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	68.5	53.3	79.9
264	63.1	49.0	73.4





#71

Phenanthrene

Concen: 44.394 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF119767.D

Acq: 6 Apr 2020 13:12

Instrument :

BNA_F

ClientSampleId :

PB127997BS

Tot Ion:178 Resp: 1345873

Ion Ratio Lower Upper

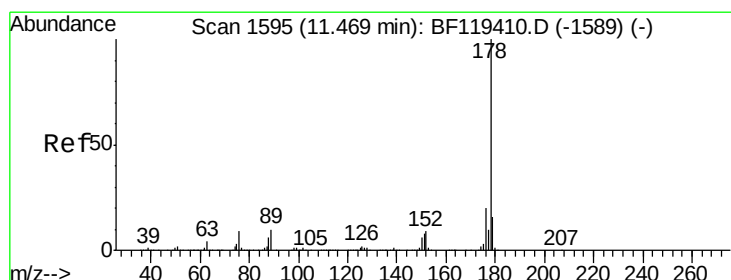
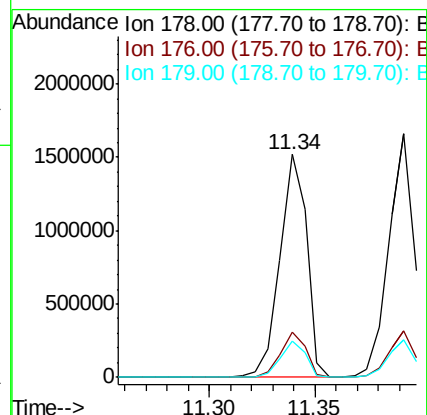
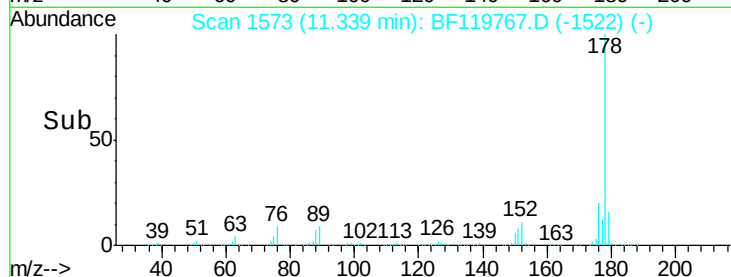
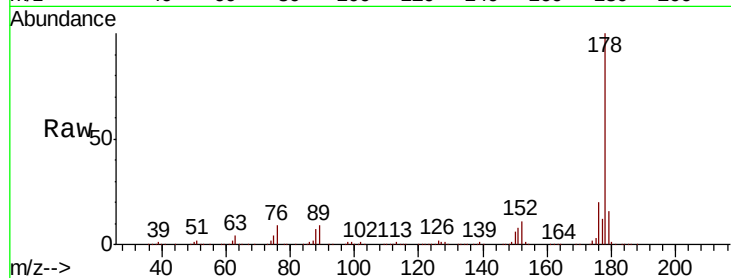
178 100

176 20.2 16.2 24.4

179 16.3 13.2 19.8

Manual Integrations
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mohammad
4/8/2020 8:12:15 AM



#72

Anthracene

Concen: 45.324 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF119767.D

Acq: 6 Apr 2020 13:12

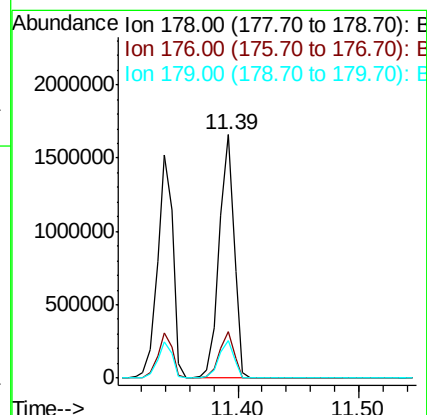
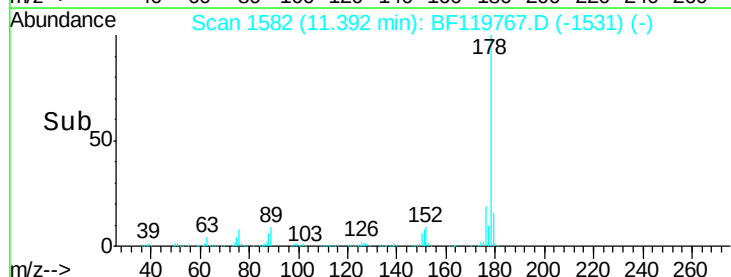
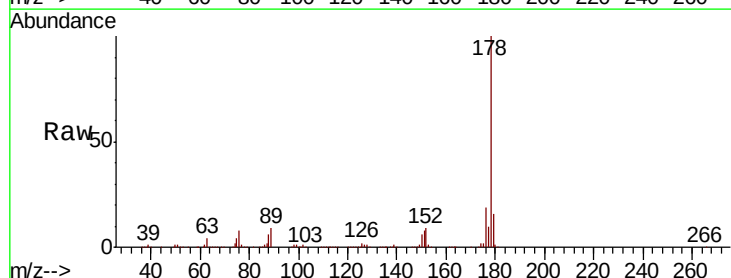
Tgt Ion:178 Resp: 1396513

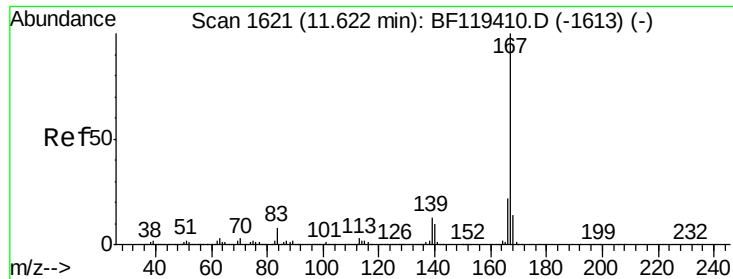
Ion Ratio Lower Upper

178 100

176 19.0 16.1 24.1

179 15.6 13.0 19.4





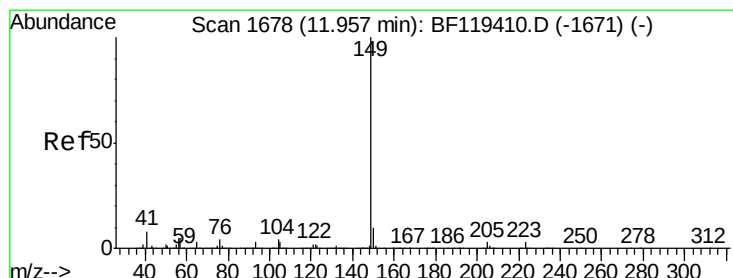
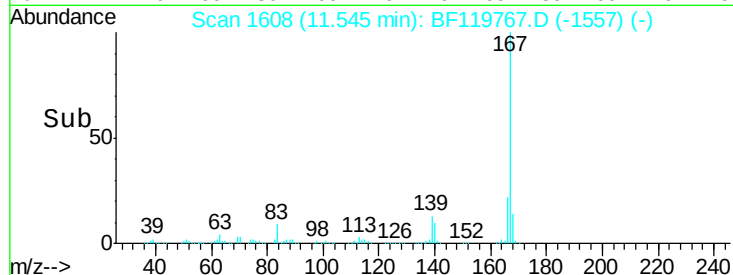
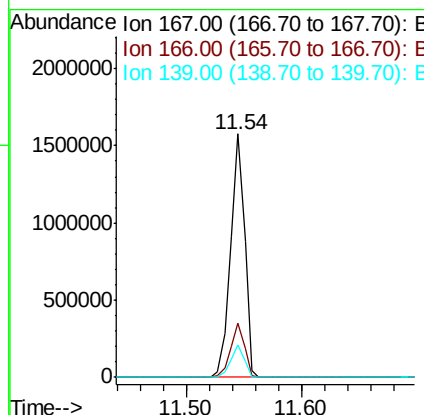
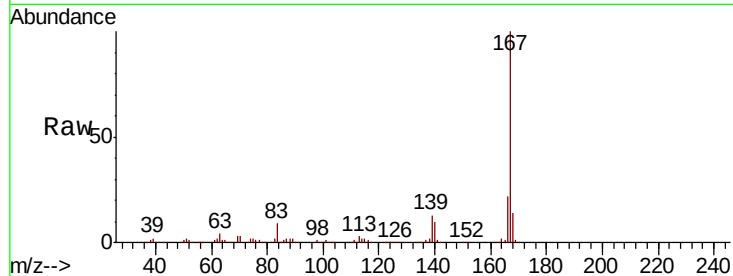
#73
 Carbazole
 Concen: 43.589 ng
 RT: 11.54 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BF119767.D
 Acq: 6 Apr 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB127997BS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.3	18.2	27.4	
139	13.3	10.7	16.1	

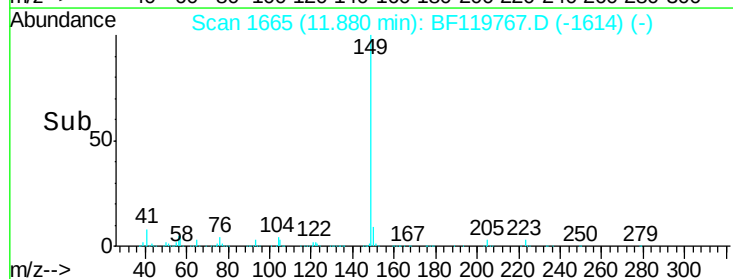
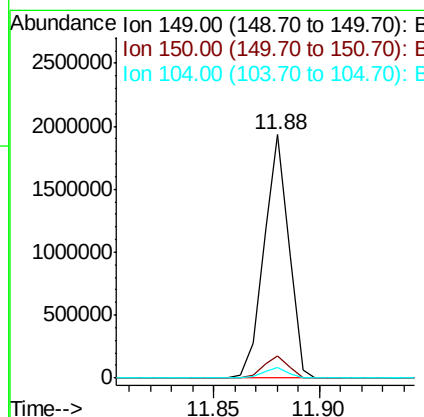
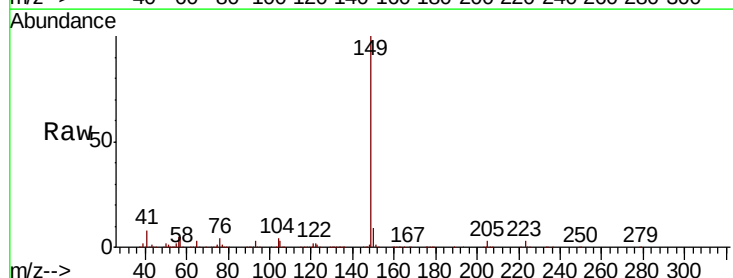
Manual Integrations
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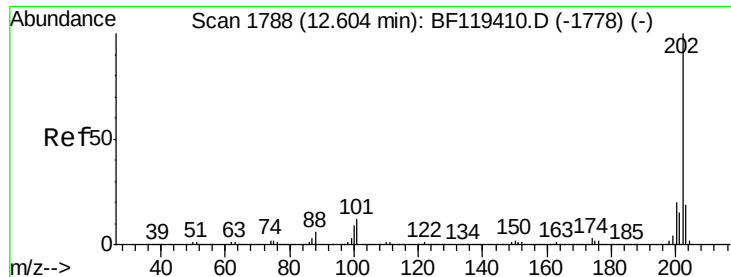
mohammad
 4/8/2020 8:12:15 AM



#74
 Di-n-butylphthalate
 Concen: 48.341 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BF119767.D
 Acq: 6 Apr 2020 13:12

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.3	7.8	11.8	
104	4.3	3.6	5.4	





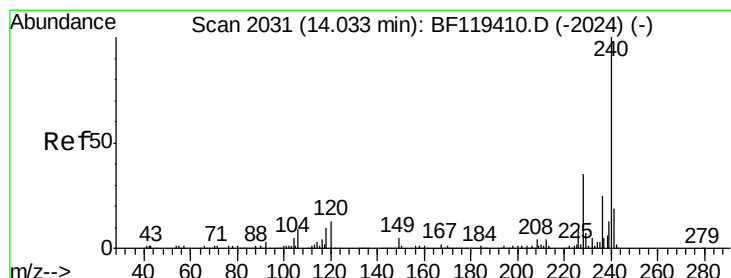
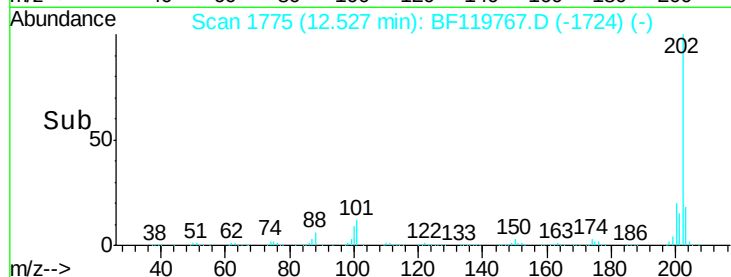
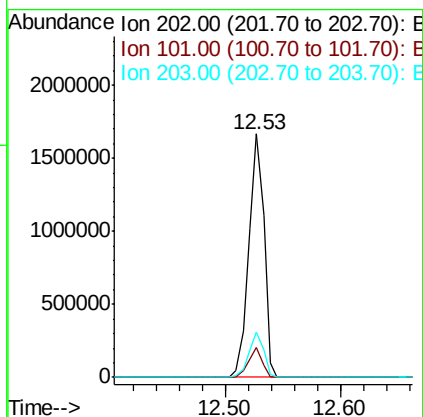
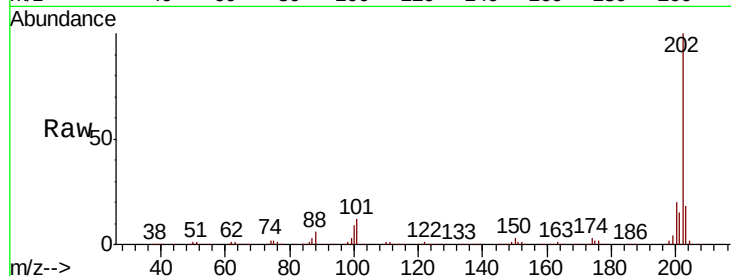
#75
Fluoranthene
Concen: 46.067 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB127997BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.2
203	18.4	0.0	38.8

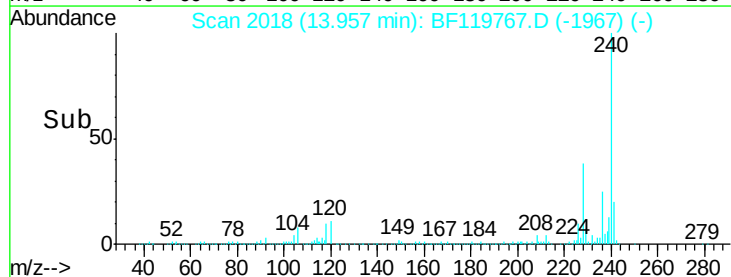
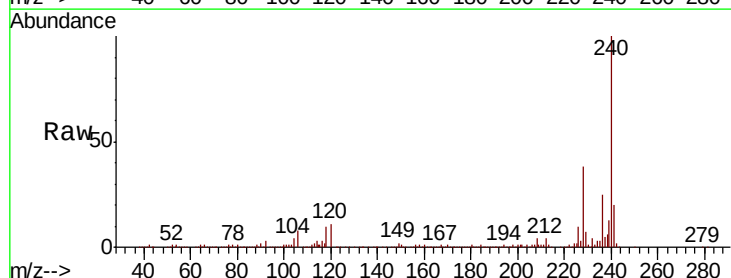
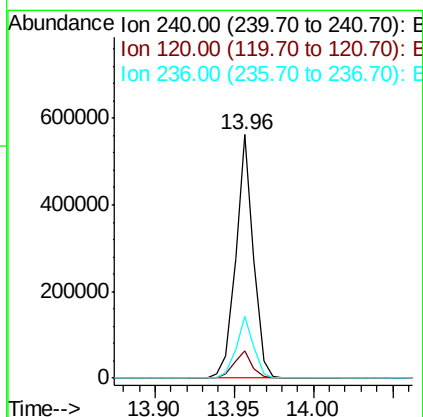
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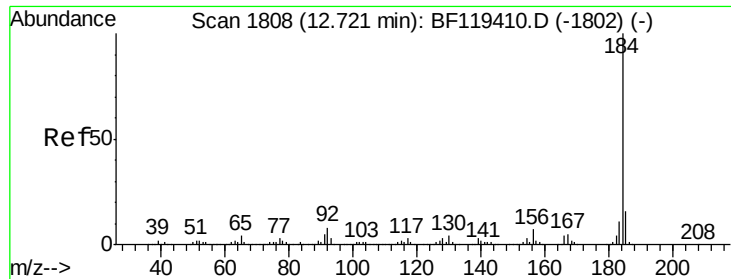
mohammad
4/8/2020 8:12:15 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	10.6	15.8
236	25.4	20.2	30.2





#77

Benzidine

Concen: 26.643 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF119767.D

Acq: 6 Apr 2020 13:12

Instrument :

BNA_F

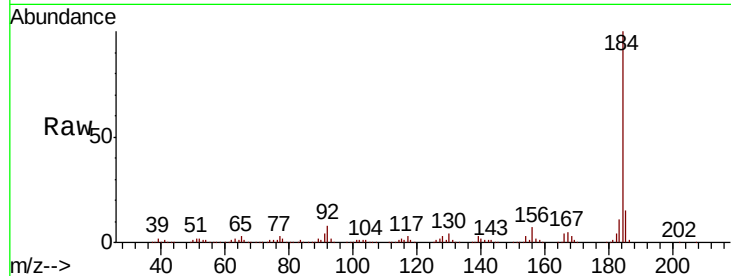
ClientSampleId :

PB127997BS

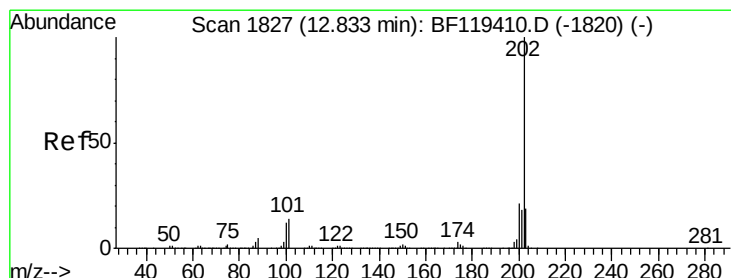
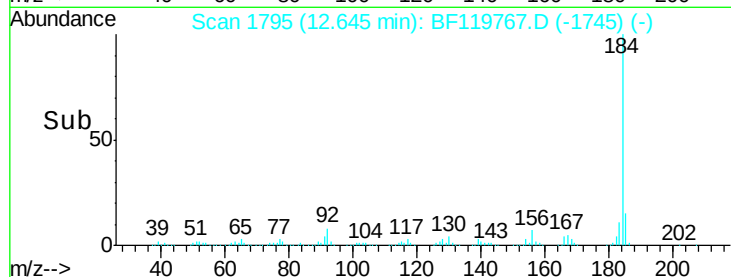
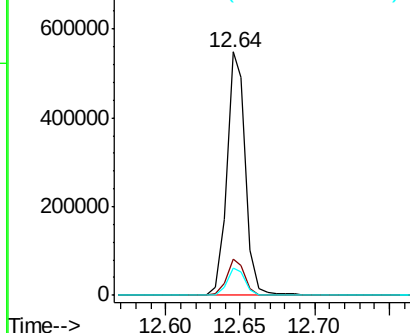
Tot Ion:	184	Resp:	485319
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.3	18.5
183	11.0	9.0	13.6

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



#78

Pyrene

Concen: 41.956 ng

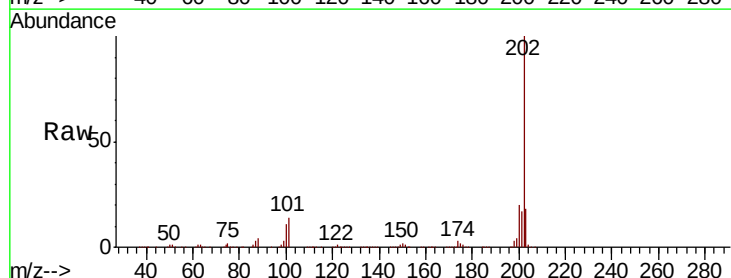
RT: 12.76 min Scan# 1814

Delta R.T. -0.00 min

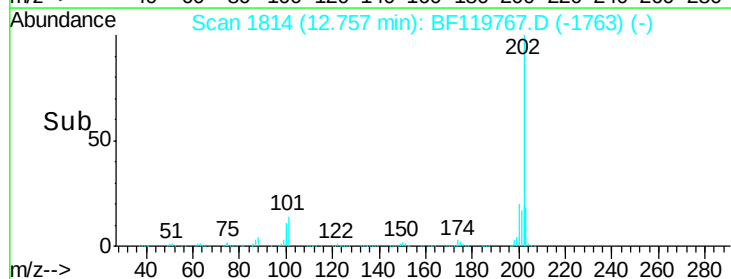
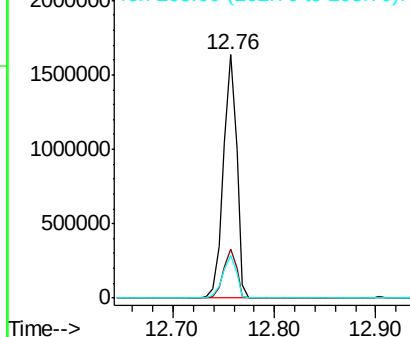
Lab File: BF119767.D

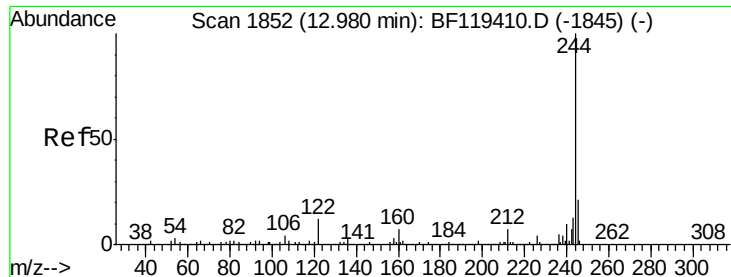
Acq: 6 Apr 2020 13:12

Tgt Ion:	202	Resp:	1482070
Ion Ratio	Lower	Upper	
202	100		
200	20.0	16.8	25.2
203	17.7	15.1	22.7



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





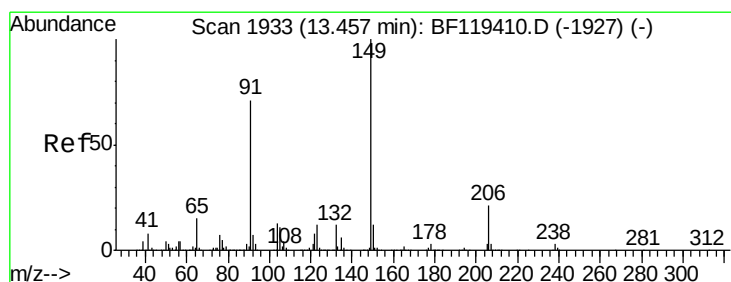
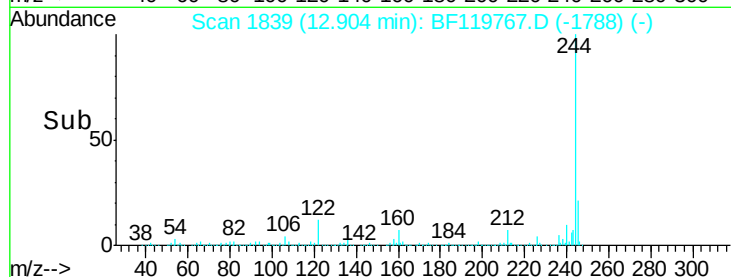
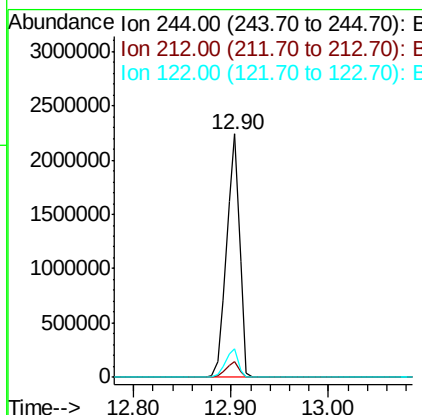
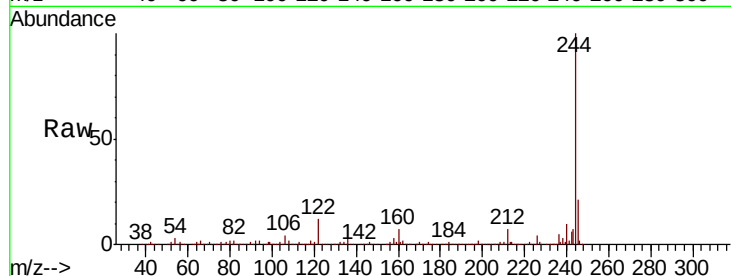
#79
 Terphenyl-d14
 Concen: 94.076 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BF119767.D
 Acq: 6 Apr 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB127997BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	11.8	10.3	15.5

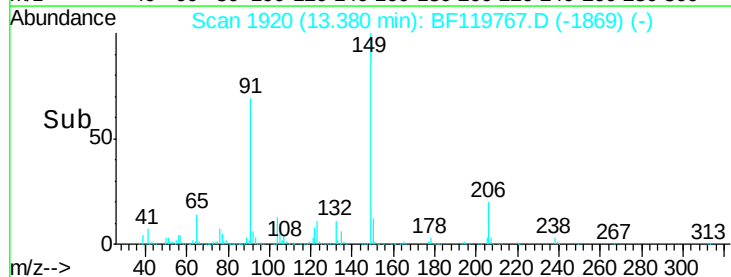
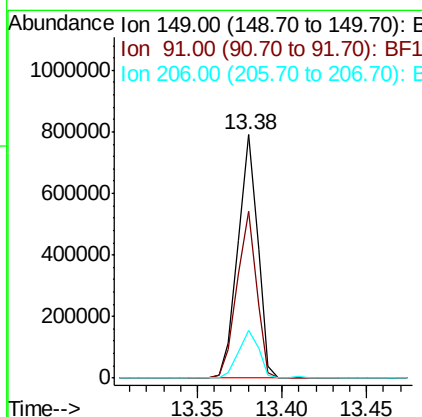
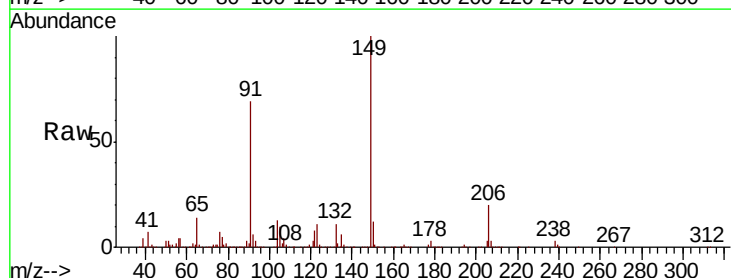
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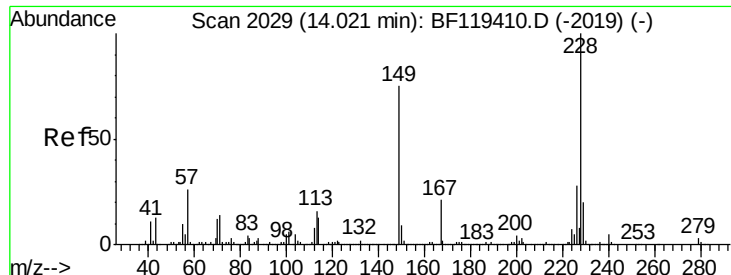
mohammad
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#80
 Butylbenzylphthalate
 Concen: 45.018 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: BF119767.D
 Acq: 6 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.6	54.7	82.1
206	19.6	16.2	24.2





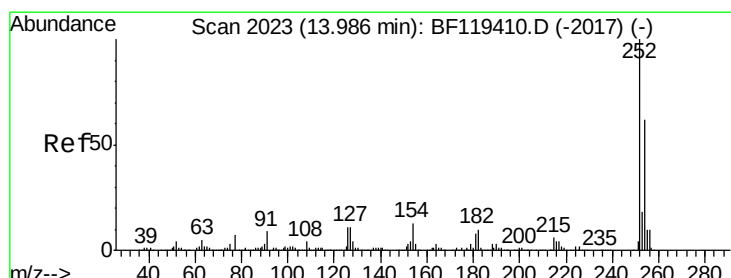
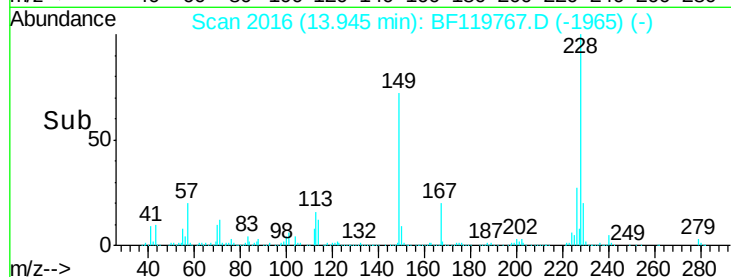
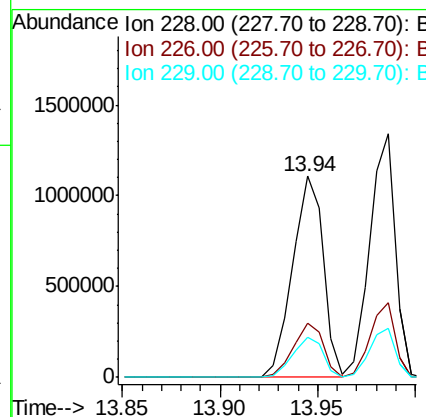
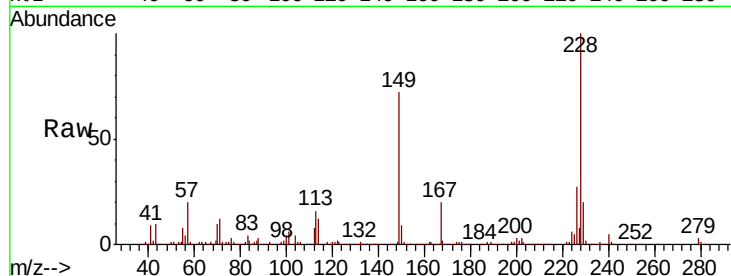
#81
Benzo(a)anthracene
Concen: 43.144 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB127997BS

Tot Ion:228 Resp: 1207593
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.7 16.2 24.4

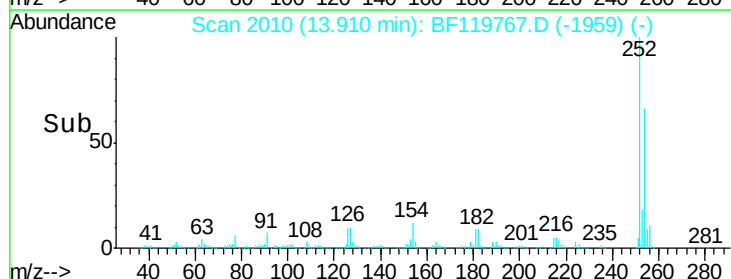
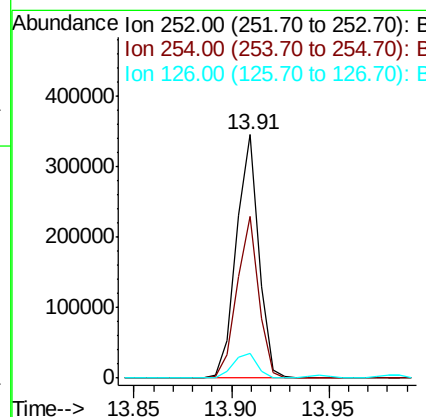
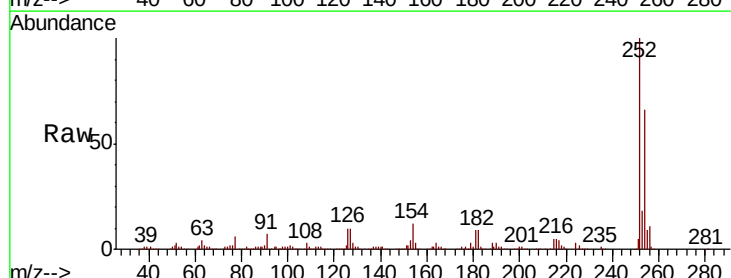
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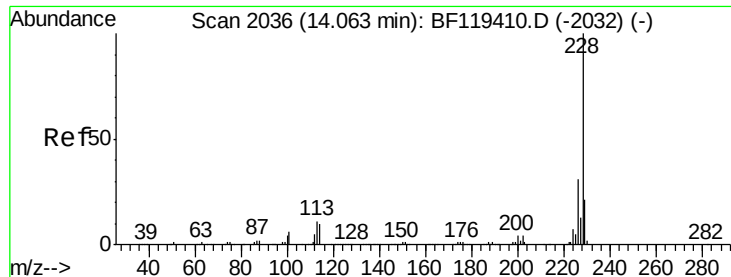
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 24.878 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Tgt Ion:252 Resp: 274559
Ion Ratio Lower Upper
252 100
254 66.4 51.2 76.8
126 10.3 9.6 14.4





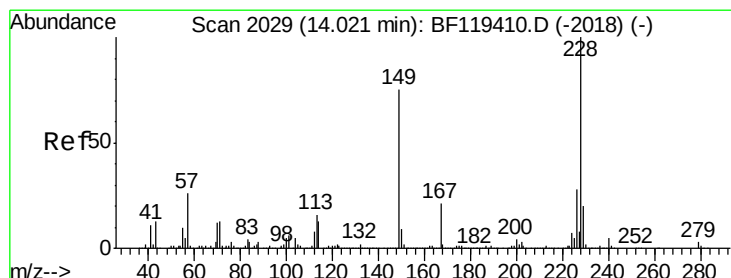
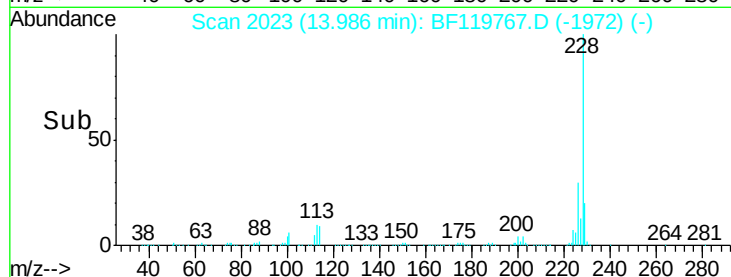
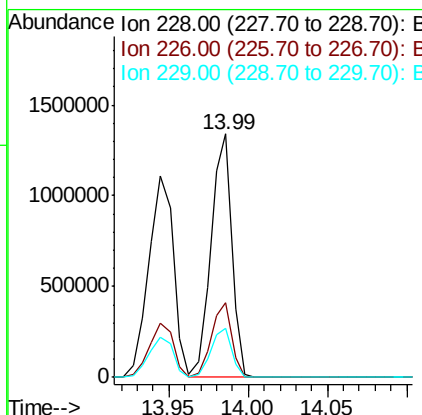
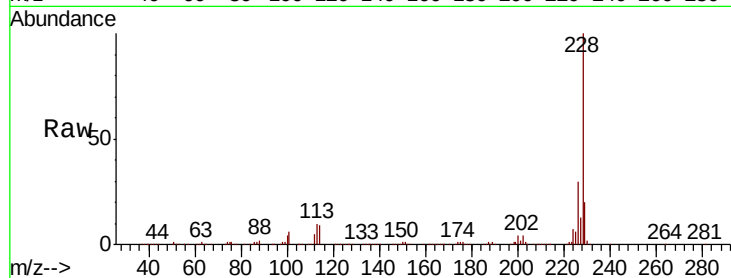
#83
 Chrysene
 Concen: 42.397 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: BF119767.D
 Acq: 6 Apr 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB127997BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.4	38.0
229	20.3	16.6	24.8

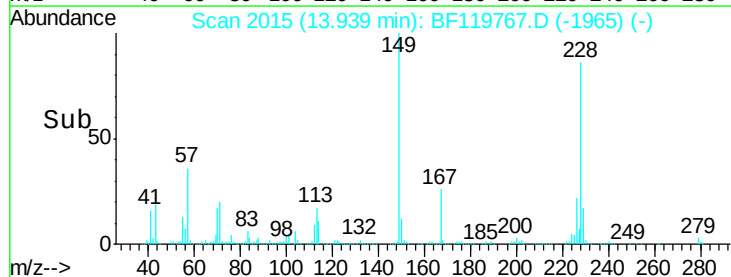
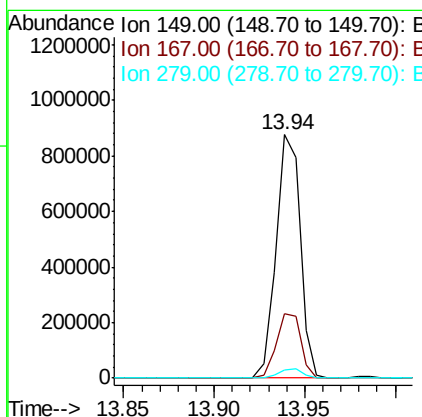
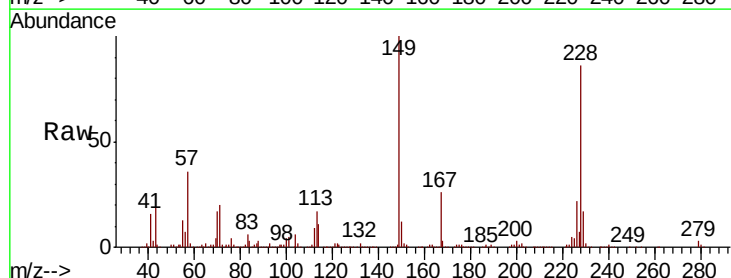
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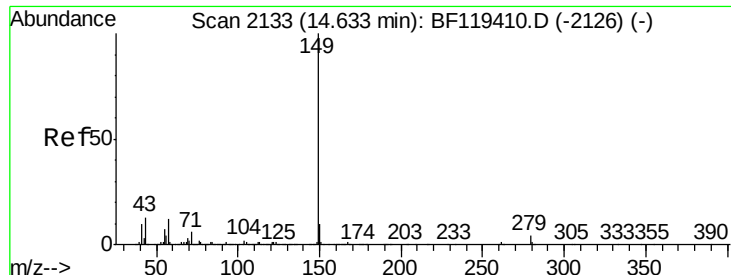
mohammad
 4/8/2020 8:12:15 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.622 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF119767.D
 Acq: 6 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	3.4	2.7	4.1





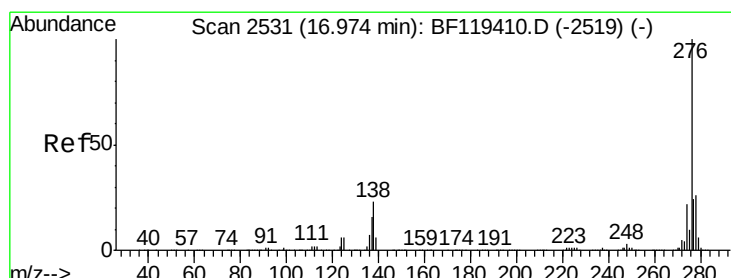
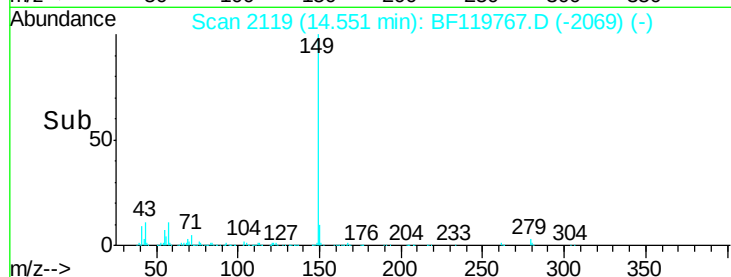
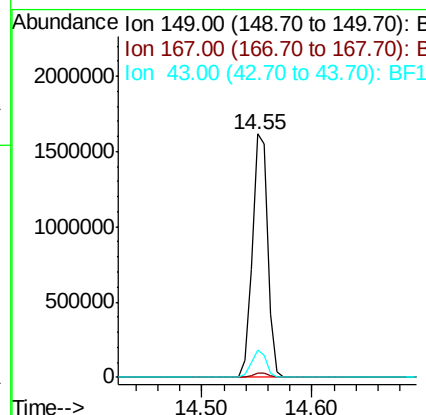
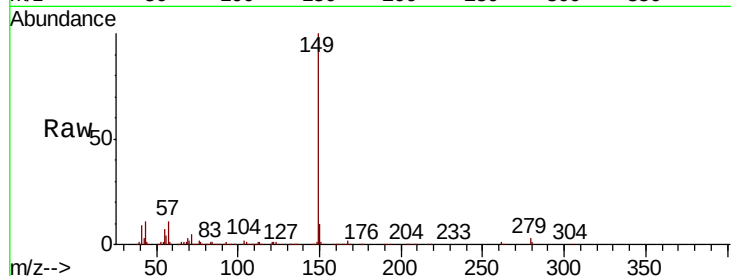
#85
Di-n-octyl phthalate
Concen: 52.740 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB127997BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.7	9.3	13.9

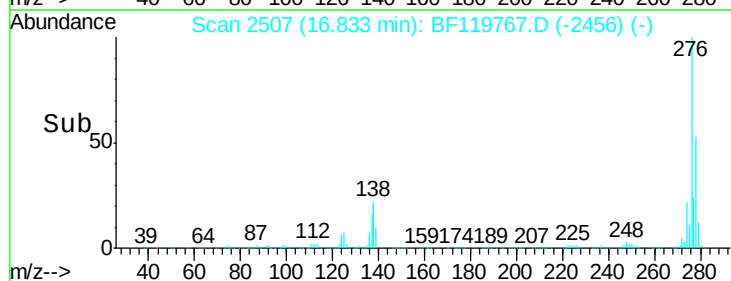
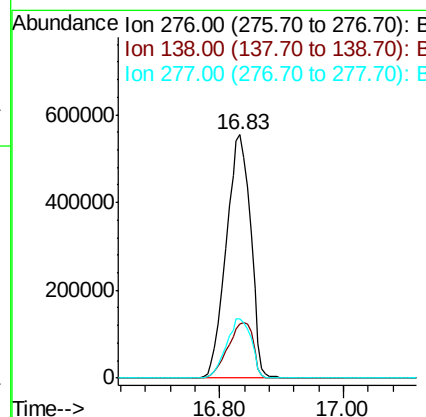
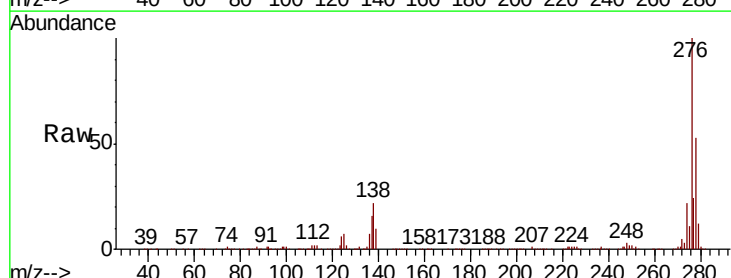
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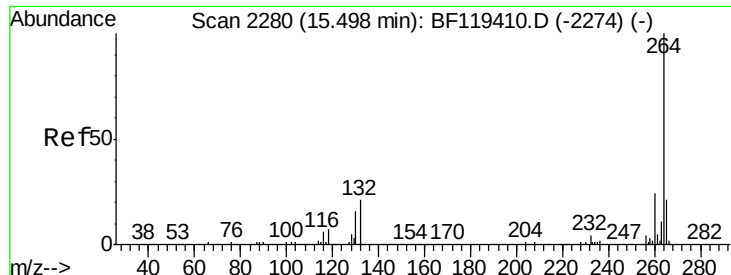
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 55.854 ng
RT: 16.83 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	19.6	29.4
277	25.0	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. -0.00 min

Lab File: BF119767.D

Acq: 6 Apr 2020 13:12

Instrument :

BNA_F

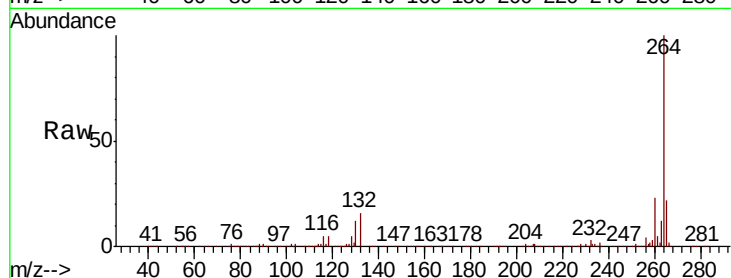
ClientSampleId :

PB127997BS

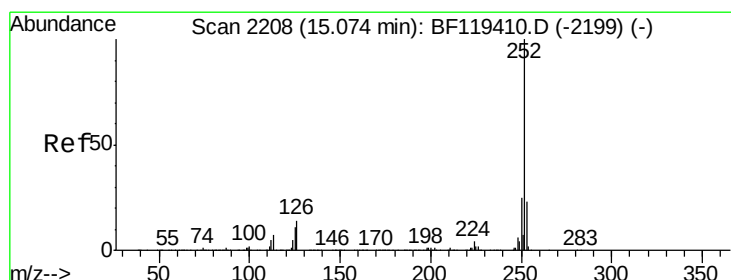
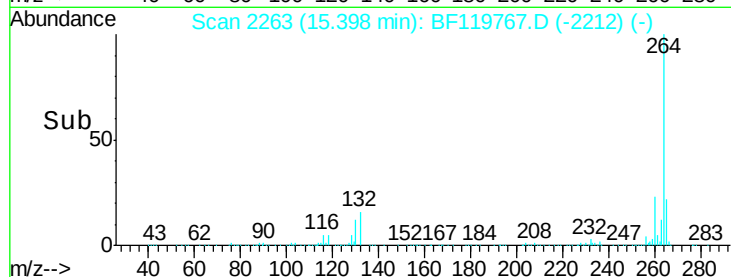
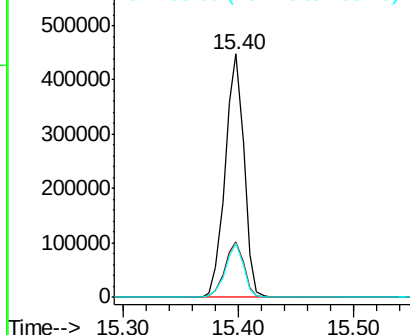
Tot Ion:	264	Resp:	503748
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.7	28.1
265	22.1	17.7	26.5

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.347 ng

RT: 14.99 min Scan# 2193

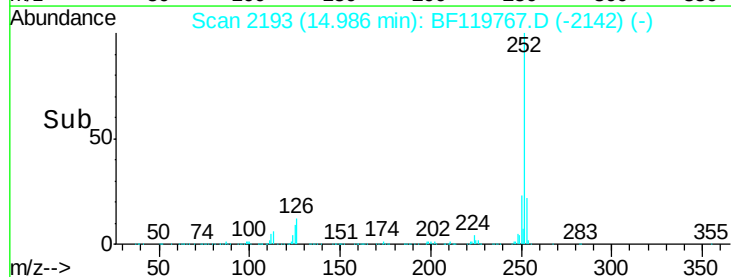
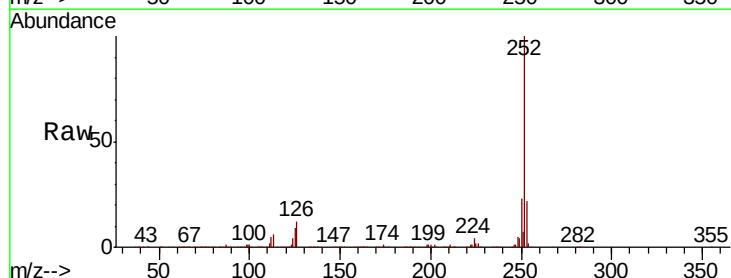
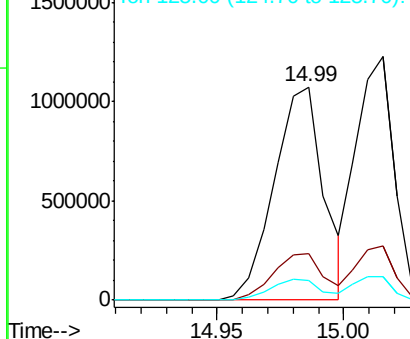
Delta R.T. -0.00 min

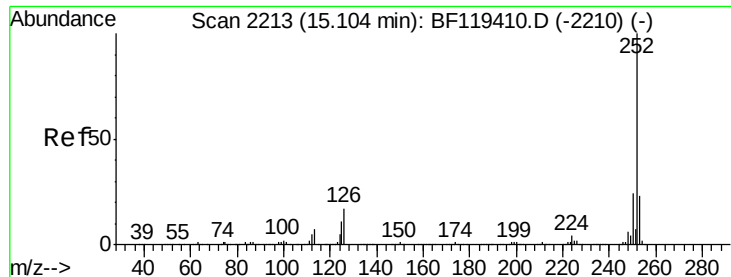
Lab File: BF119767.D

Acq: 6 Apr 2020 13:12

Tgt Ion:	252	Resp:	1458624
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.4	26.0
125	9.1	7.9	11.9

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





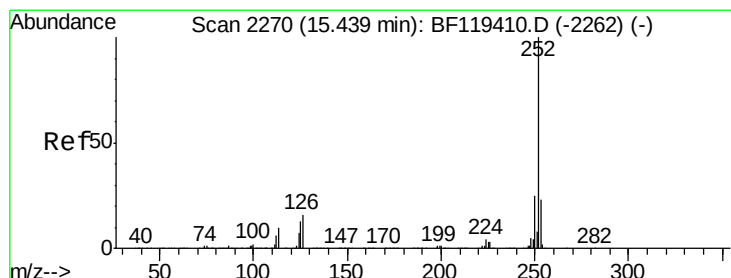
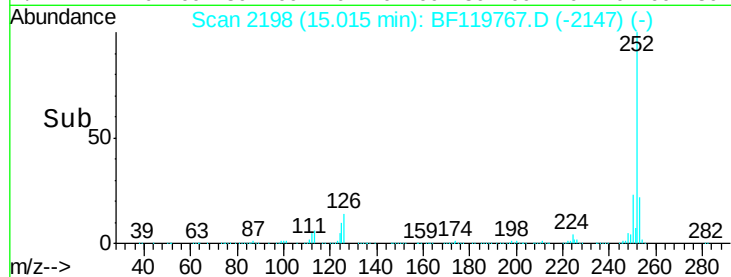
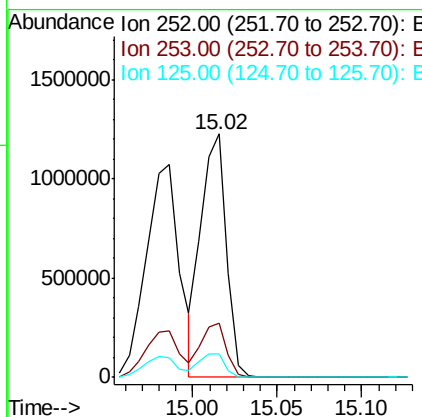
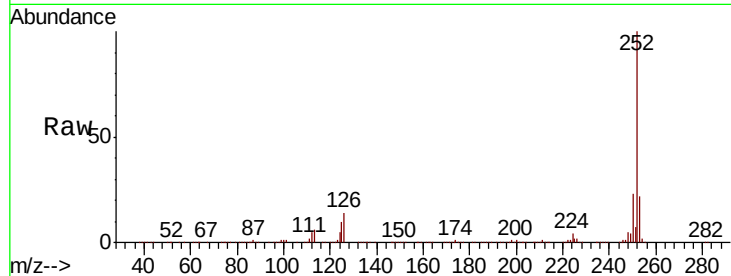
#89
Benzo(k)fluoranthene
Concen: 39.903 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB127997BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	9.7	8.4	12.6

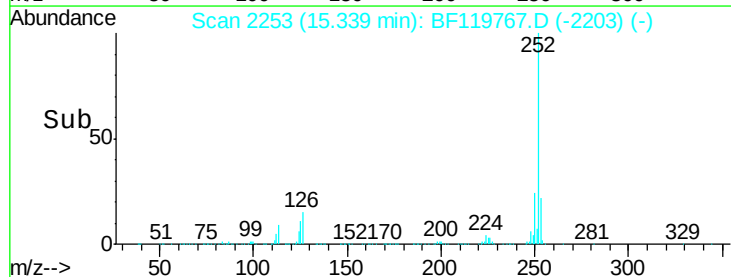
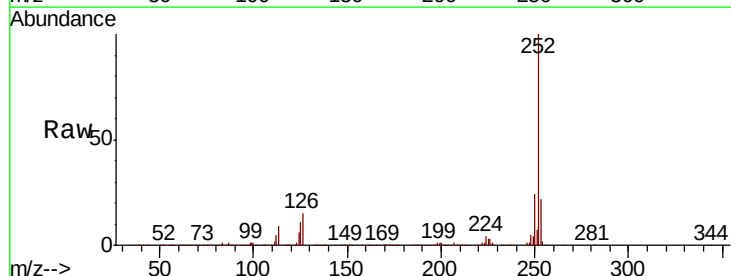
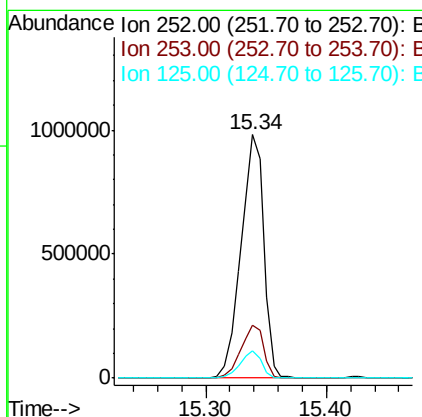
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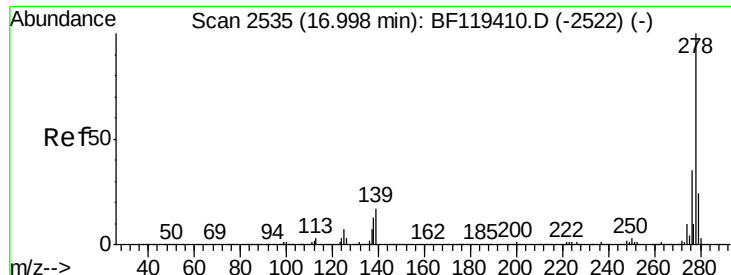
mohammad
4/8/2020 8:12:15 AM



#90
Benzo(a)pyrene
Concen: 42.504 ng
RT: 15.34 min Scan# 2253
Delta R.T. -0.01 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	11.2	9.4	14.2





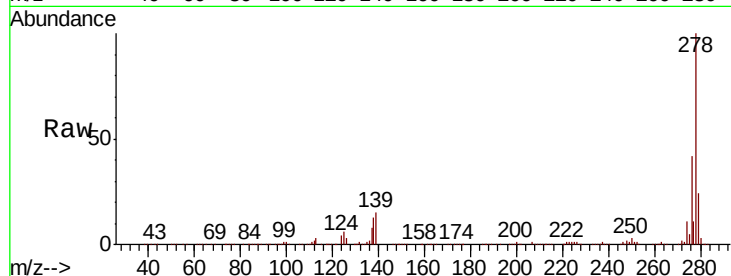
#91
Dibenzo(a,h)anthracene
Concen: 46.935 ng
RT: 16.85 min Scan# 2510
Delta R.T. -0.00 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB127997BS

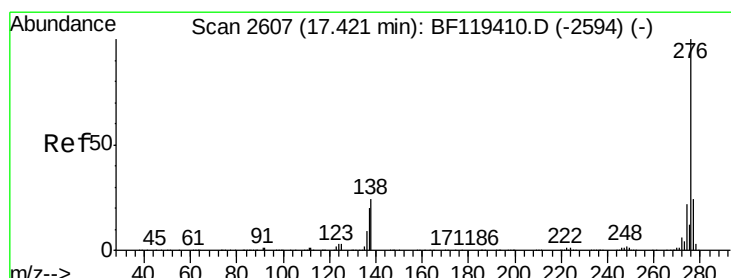
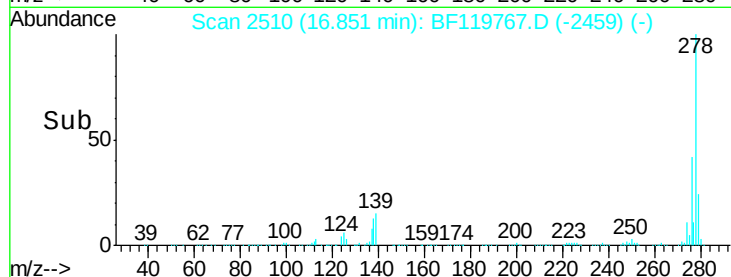
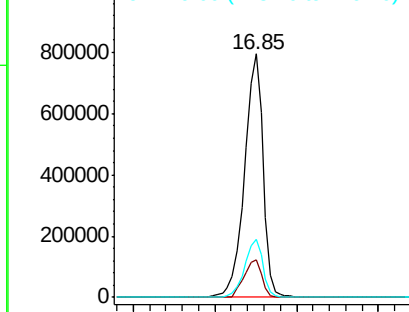
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.6	19.0
279	24.1	19.0	28.6

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



#92
Benzo(g,h,i)perylene
Concen: 46.930 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.01 min
Lab File: BF119767.D
Acq: 6 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.4	27.6
138	20.7	15.4	23.0

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

