

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
 Data File : BF119501.D
 Acq On : 25 Mar 2020 12:38
 Operator : CG/JU
 Sample : PB127810BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127810BS

Manual Integrations
 APPROVED

mohammad
 3/27/2020 8:11:39 AM

Quant Time: Mar 25 14:10:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 14:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	327711	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1271888	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	662724	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1278138	20.00	ng	0.00
76) Chrysene-d12	14.03	240	975326	20.00	ng	0.00
87) Perylene-d12	15.49	264	880891	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	2172742	105.54	ng	0.02
7) Phenol-d6	6.47	99	2786122	105.95	ng	0.00
23) Nitrobenzene-d5	7.41	82	1782291	76.16	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	849352	124.23	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	3420042	76.45	ng	0.00
79) Terphenyl-d14	12.97	244	3922642	78.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	304080	29.908	ng	100
3) Pyridine	3.42	79	824971	29.452	ng	98
4) n-Nitrosodimethylamine	3.37	42	474017	34.702	ng	99
6) Aniline	6.50	93	1004617	27.680	ng	100
8) 2-Chlorophenol	6.63	128	907448	41.970	ng	100
9) Benzaldehyde	6.39	77	590461	35.395	ng	99
10) Phenol	6.49	94	1141682	40.687	ng	100
11) bis(2-Chloroethyl)ether	6.58	93	865555	38.569	ng	99
12) 1,3-Dichlorobenzene	6.79	146	911172	38.938	ng	98
13) 1,4-Dichlorobenzene	6.86	146	925016	39.520	ng	99
14) 1,2-Dichlorobenzene	7.02	146	860170	39.316	ng	99
15) Benzyl Alcohol	6.99	79	778257	39.343	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1695626	37.458	ng	98
17) 2-Methylphenol	7.10	107	737290	37.218	ng	99
18) Hexachloroethane	7.36	117	362096	42.213	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	632885	39.928	ng	97
20) 3+4-Methylphenols	7.25	107	897436m	36.965	ng	
22) Acetophenone	7.26	105	1182950	38.924	ng	98
24) Nitrobenzene	7.43	77	951132	38.030	ng	97
25) Isophorone	7.67	82	1783804	37.575	ng	99
26) 2-Nitrophenol	7.75	139	478608	48.602	ng	97
27) 2,4-Dimethylphenol	7.78	122	813574	39.955	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1132996	40.360	ng	100
29) 2,4-Dichlorophenol	7.99	162	762316	40.745	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	817763	39.523	ng	97
31) Naphthalene	8.15	128	2551326	38.980	ng	99
32) Benzoic acid	7.90	122	619881	47.326	ng	97
33) 4-Chloroaniline	8.20	127	558515	18.622	ng	97
34) Hexachlorobutadiene	8.27	225	467828	40.411	ng	97
35) Caprolactam	8.57	113	234577m	38.310	ng	
36) 4-Chloro-3-methylphenol	8.68	107	821038	40.151	ng	97
37) 2-Methylnaphthalene	8.85	142	1745674	40.639	ng	99
38) 1-Methylnaphthalene	8.95	142	1672423	41.133	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	753747	38.803	ng	99

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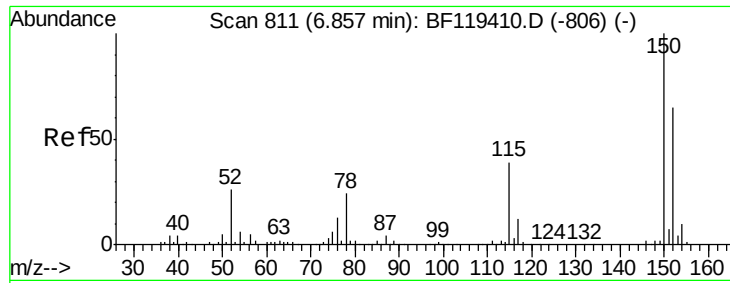
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 3/27/2020 8:11:39 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	921842	83.475	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	584936	42.079	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	578658	37.159	ng	96
46) 1,1'-Biphenyl	9.31	154	2088313	38.690	ng	99
47) 2-Chloronaphthalene	9.33	162	1659828	39.258	ng	100
48) 2-Nitroaniline	9.43	65	603183	41.333	ng	97
49) Acenaphthylene	9.75	152	2580379	38.864	ng	100
50) Dimethylphthalate	9.62	163	1925714	40.909	ng	99
51) 2,6-Dinitrotoluene	9.67	165	441178	43.725	ng	87
52) Acenaphthene	9.93	154	1777782	42.951	ng	99
53) 3-Nitroaniline	9.84	138	305903	24.014	ng	98
54) 2,4-Dinitrophenol	9.95	184	437090	98.285	ng	95
55) Dibenzofuran	10.10	168	2307712	38.887	ng	99
56) 4-Nitrophenol	10.00	139	769854	76.611	ng	96
57) 2,4-Dinitrotoluene	10.08	165	583719	45.924	ng	95
58) Fluorene	10.44	166	1796936	40.947	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	509373	43.760	ng	98
60) Diethylphthalate	10.32	149	2016614	42.209	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	863731	40.248	ng	99
62) 4-Nitroaniline	10.46	138	461045	37.743	ng	98
63) Azobenzene	10.59	77	1925305	40.017	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	287415	53.626	ng	98
66) n-Nitrosodiphenylamine	10.55	169	1665655	39.697	ng	98
67) 4-Bromophenyl-phenylether	10.92	248	580686	39.892	ng	99
68) Hexachlorobenzene	10.99	284	615975	41.346	ng	93
69) Atrazine	11.08	200	526029	45.729	ng	99
70) Pentachlorophenol	11.18	266	700278	80.164	ng	99
71) Phenanthrene	11.40	178	2591610	39.104	ng	99
72) Anthracene	11.46	178	2670781	39.651	ng	98
73) Carbazole	11.61	167	2493524	37.400	ng	99
74) Di-n-butylphthalate	11.94	149	3178510	44.567	ng	98
75) Fluoranthene	12.59	202	2892119	40.322	ng	99
77) Benzidine	12.72	184	1419200	34.383	ng	99
78) Pyrene	12.82	202	2945686	36.801	ng	100
80) Butylbenzylphthalate	13.44	149	1445374	44.646	ng	99
81) Benzo(a)anthracene	14.02	228	2333422	36.791	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	679611	27.176	ng	97
83) Chrysene	14.05	228	2402515	36.704	ng	98
84) Bis(2-ethylhexyl)phthalate	14.01	149	1934075	50.115	ng	99
85) Di-n-octyl phthalate	14.62	149	3450320	50.835	ng	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	2220488	36.020	ng	98
88) Benzo(b)fluoranthene	15.06	252	2404415	40.861	ng	99
89) Benzo(k)fluoranthene	15.09	252	2361869	42.153	ng	99
90) Benzo(a)pyrene	15.43	252	2092663	39.133	ng	99
91) Dibenzo(a,h)anthracene	16.98	278	1838550	39.307	ng	98
92) Benzo(g,h,i)perylene	17.40	276	1773728	37.747	ng	97

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



#1

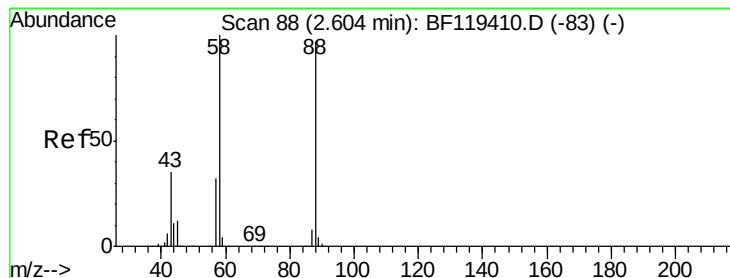
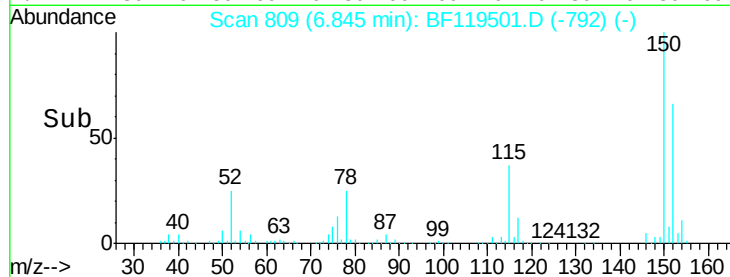
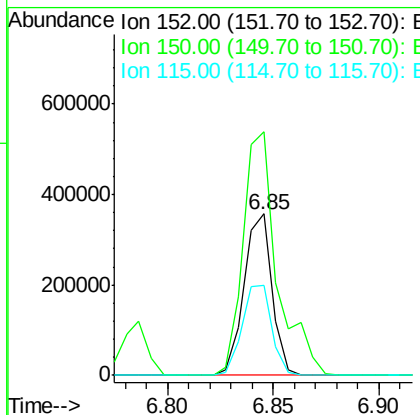
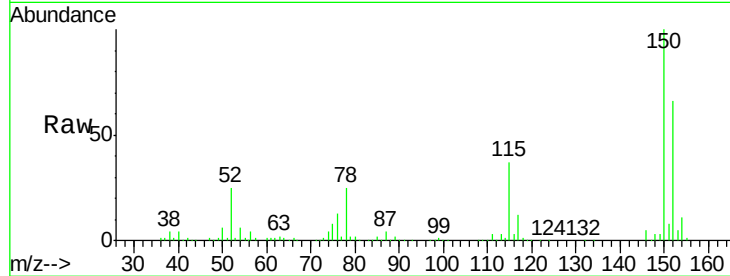
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Instrument :
BNA_F
ClientSampleId :
PB127810BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	123.9	185.9
115	55.8	47.8	71.6

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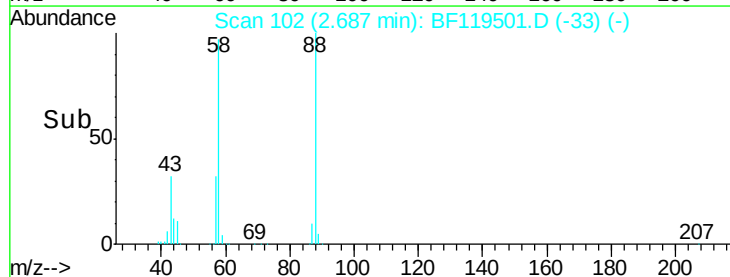
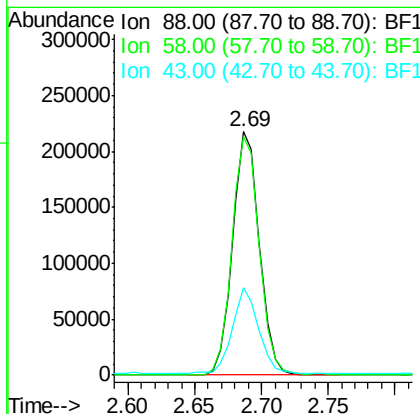
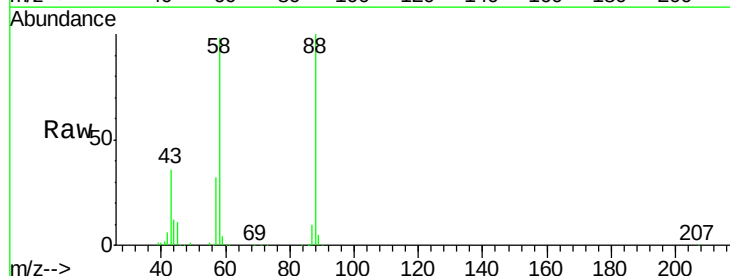
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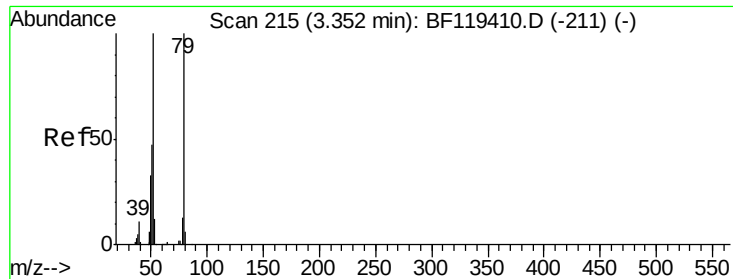


#2

1,4-Dioxane
Concen: 29.908 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.11 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.3	79.4	119.2
43	34.6	28.4	42.6





#3

Pvridine

Concen: 29.452 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.09 min

Lab File: BF119501.D

Acq: 25 Mar 2020 12:38

Instrument :

BNA_F

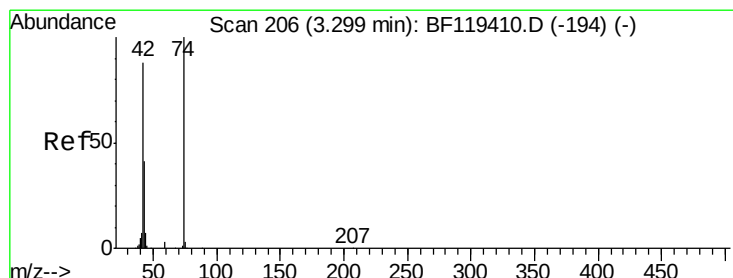
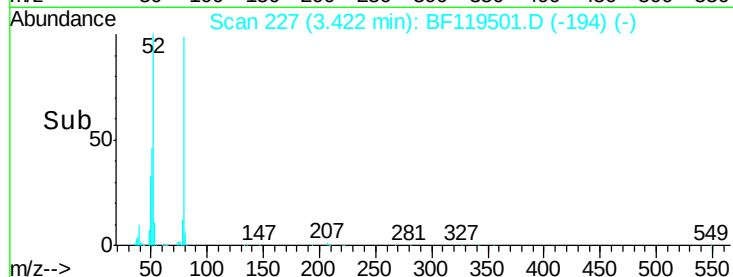
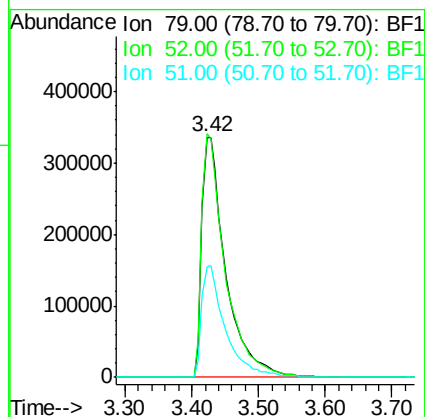
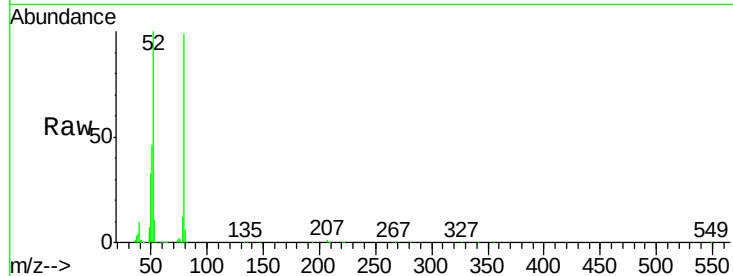
ClientSampleId :

PB127810BS

Tot Ion:	79	Resp:	824971
Ion Ratio	Lower	Upper	
79	100		
52	101.4	80.0	120.0
51	46.2	37.9	56.9

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#4

n-Nitrosodimethylamine

Concen: 34.702 ng

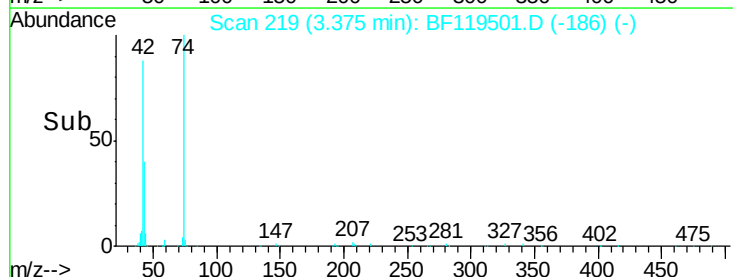
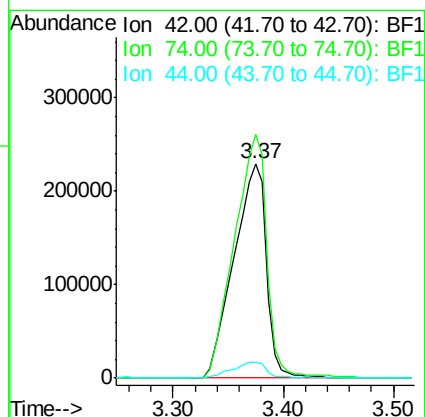
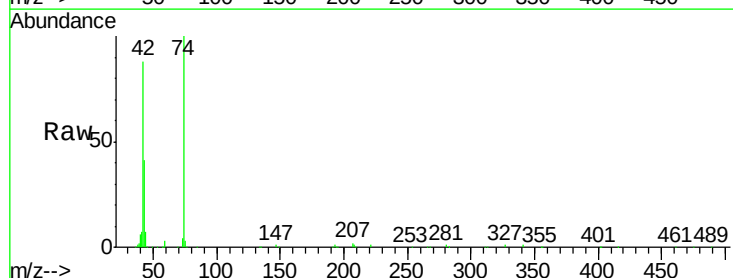
RT: 3.37 min Scan# 219

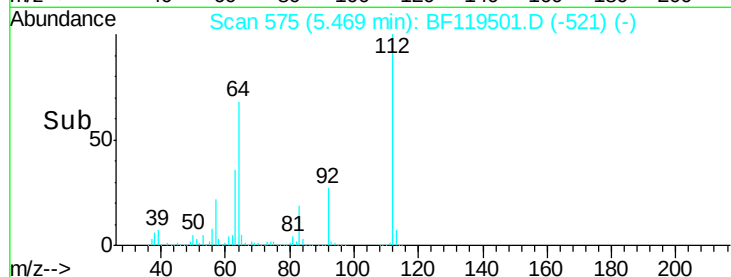
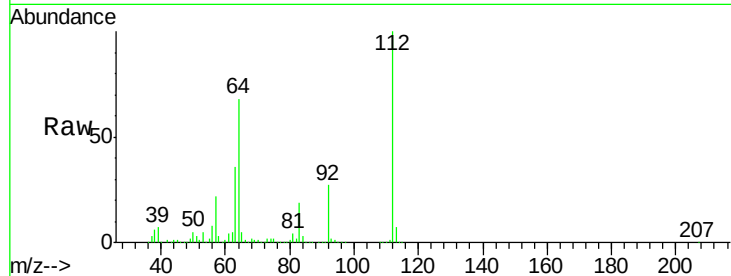
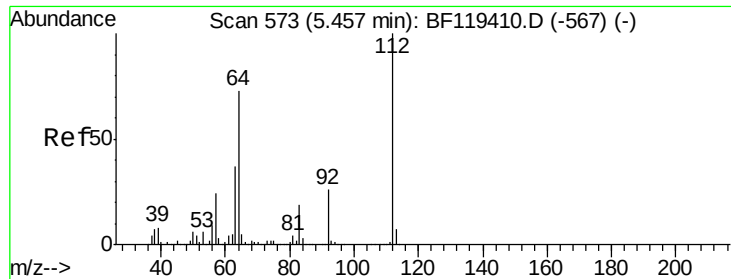
Delta R.T. 0.09 min

Lab File: BF119501.D

Acq: 25 Mar 2020 12:38

Tgt Ion:	42	Resp:	474017
Ion Ratio	Lower	Upper	
42	100		
74	113.6	91.3	136.9
44	7.6	7.1	10.7





#5

2-Fluorophenol

Concen: 105.544 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.02 min

Lab File: BF119501.D

Acq: 25 Mar 2020 12:38

Tot Ion:	112	Resp:	2172742
Ion	Ratio	Lower	Upper
112	100		
64	68.0	58.1	87.1
63	35.8	29.7	44.5

Instrument :

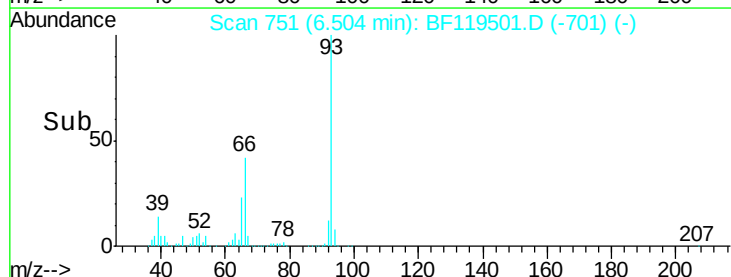
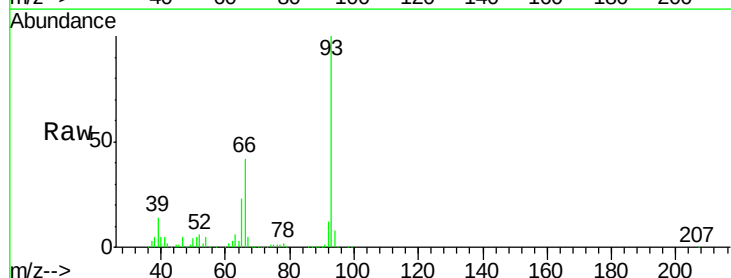
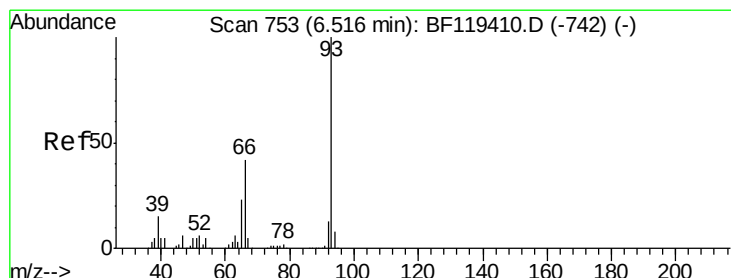
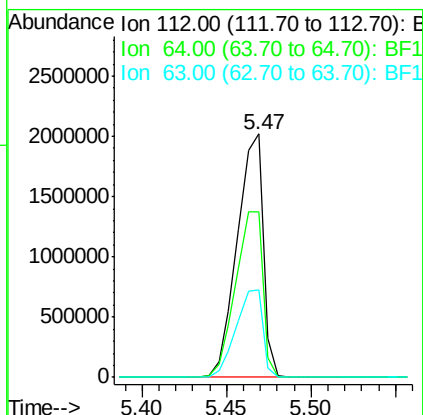
BNA_F

ClientSampleId :

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#6

Aniline

Concen: 27.680 ng

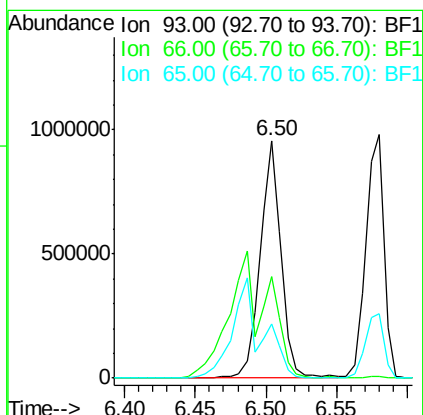
RT: 6.50 min Scan# 751

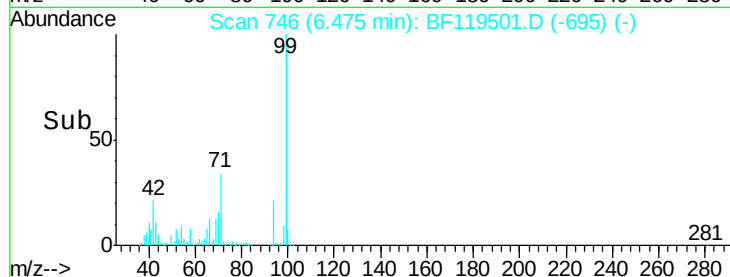
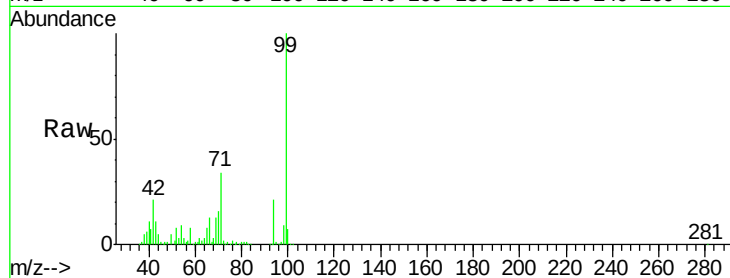
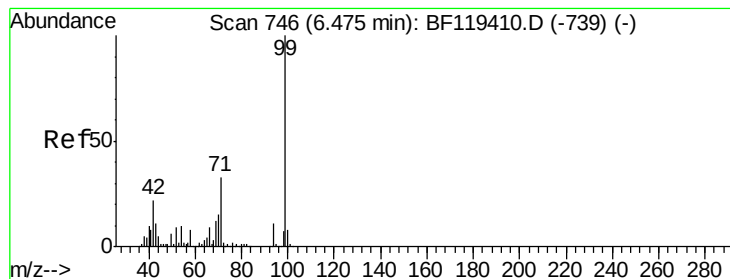
Delta R.T. -0.01 min

Lab File: BF119501.D

Acq: 25 Mar 2020 12:38

Tgt Ion:	93	Resp:	1004617
Ion	Ratio	Lower	Upper
93	100		
66	42.5	34.2	51.4
65	22.6	18.2	27.4





#7

Phenol-d6

Concen: 105.947 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119501.D

Acq: 25 Mar 2020 12:38

Tot Ion: 99 Resp: 2786122

Ion Ratio Lower Upper

99 100

42 21.0 17.8 26.6

71 33.9 26.0 39.0

Instrument :

BNA_F

ClientSampleId :

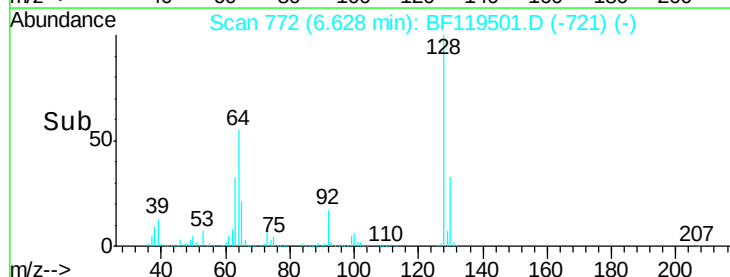
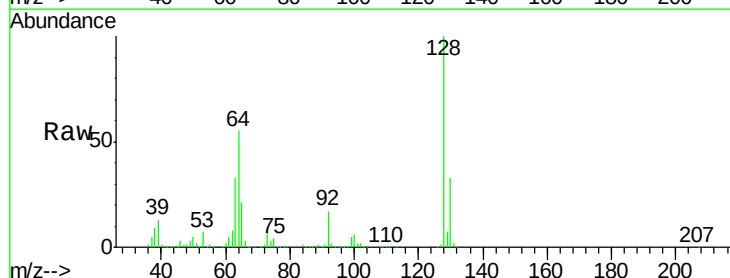
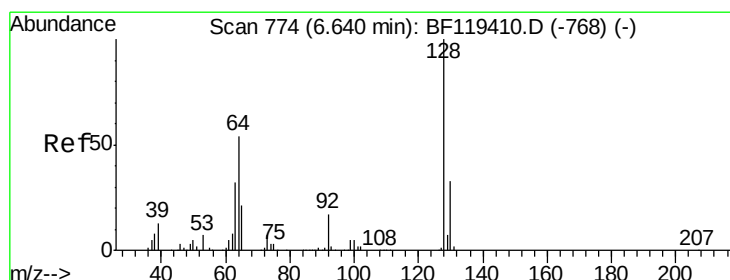
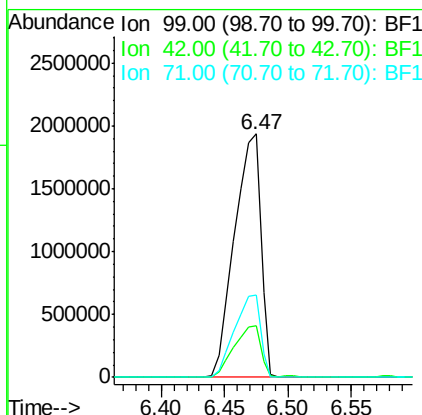
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#8

2-Chlorophenol

Concen: 41.970 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF119501.D

Acq: 25 Mar 2020 12:38

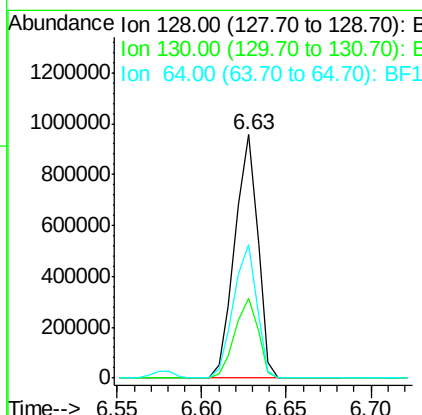
Tgt Ion:128 Resp: 907448

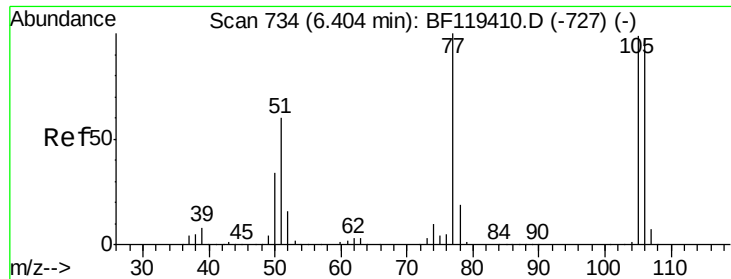
Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

64 54.7 35.1 75.1





#9

Benzaldehyde

Concen: 35.395 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF119501.D

Acq: 25 Mar 2020 12:38

Instrument :

BNA_F

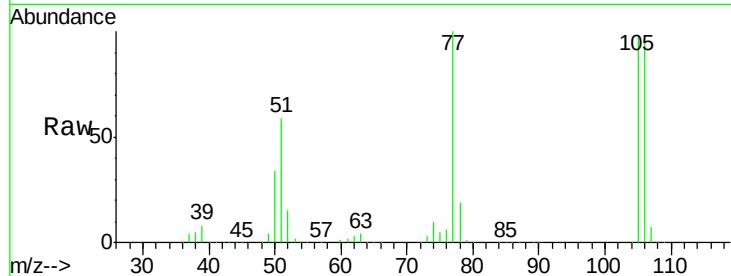
ClientSampleId :

PB127810BS

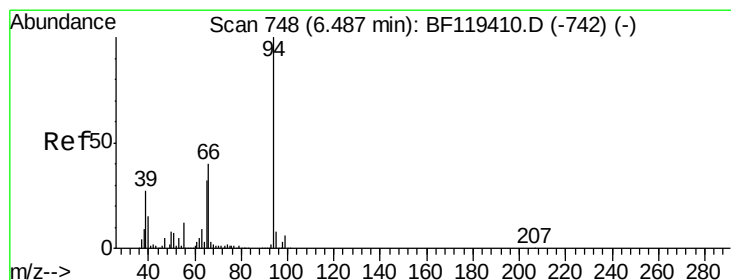
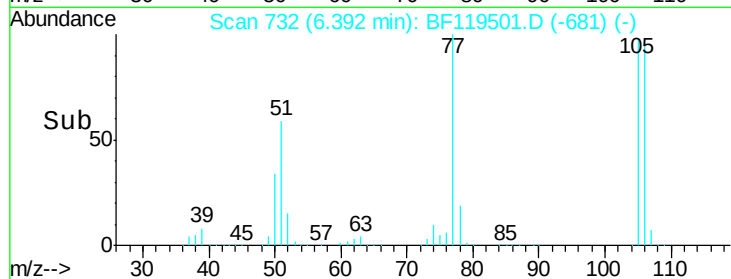
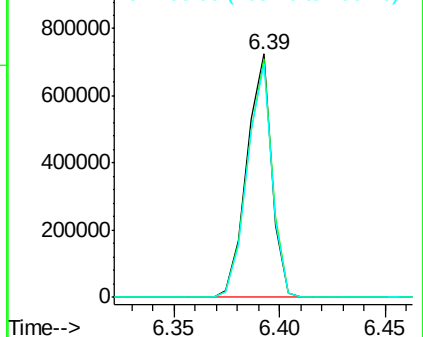
Tot Ion:	77	Resp:	590461
Ion	Ratio	Lower	Upper
77	100		
105	97.8	78.6	118.6
106	96.1	76.5	116.5

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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.687 ng

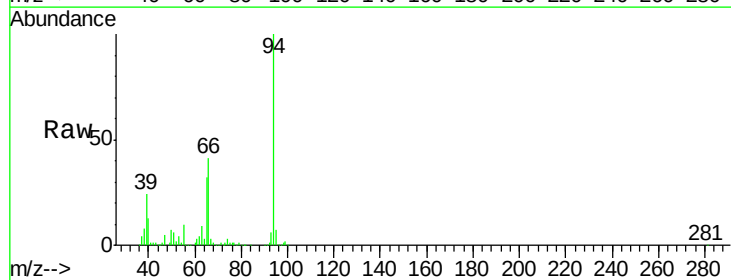
RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

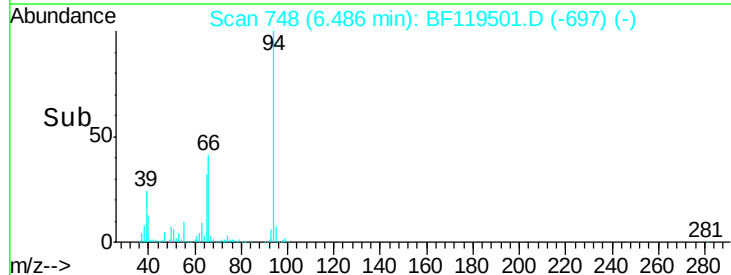
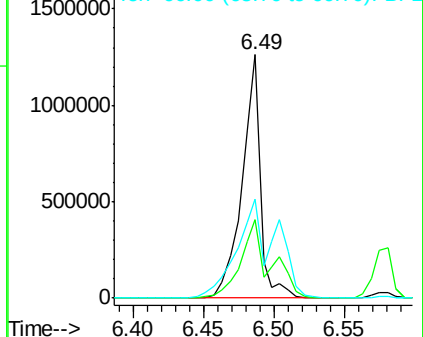
Lab File: BF119501.D

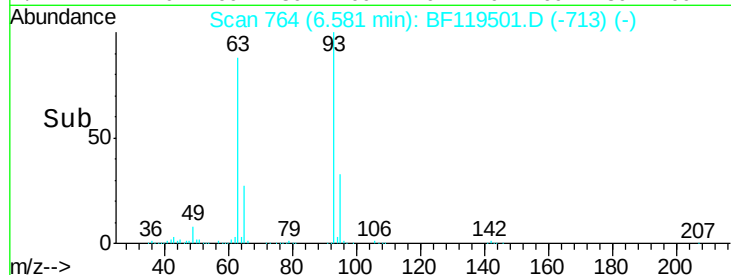
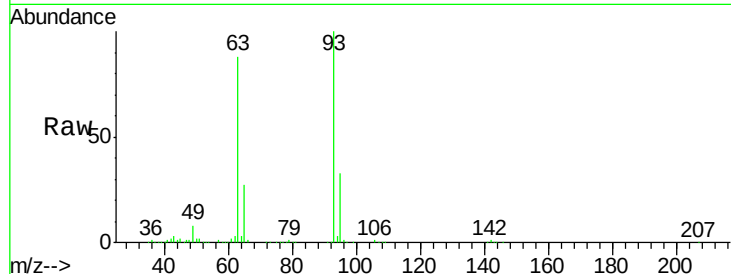
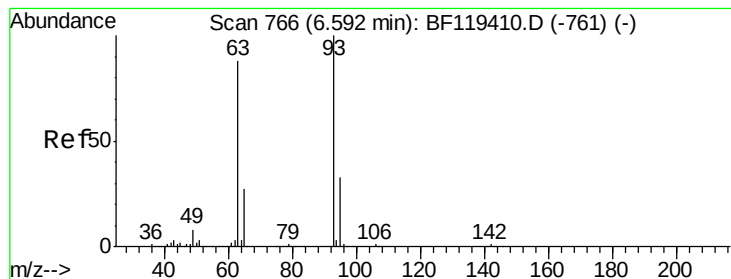
Acq: 25 Mar 2020 12:38

Tgt Ion:	94	Resp:	1141682
Ion	Ratio	Lower	Upper
94	100		
65	32.1	12.0	52.0
66	40.5	20.6	60.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





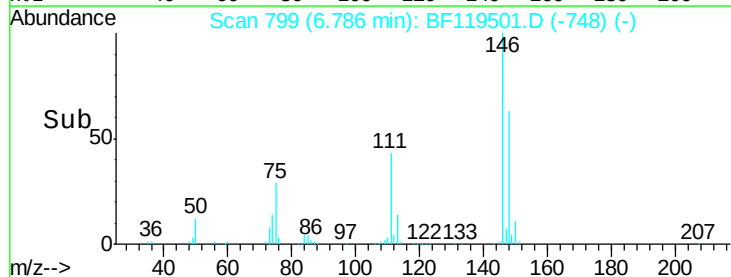
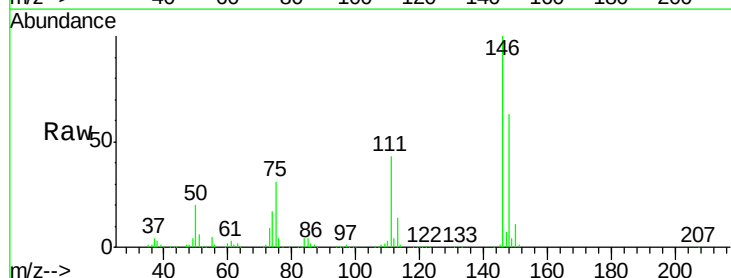
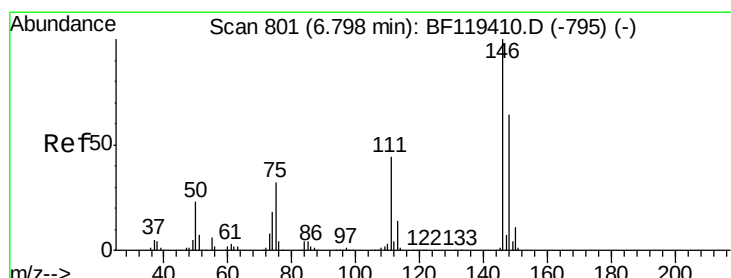
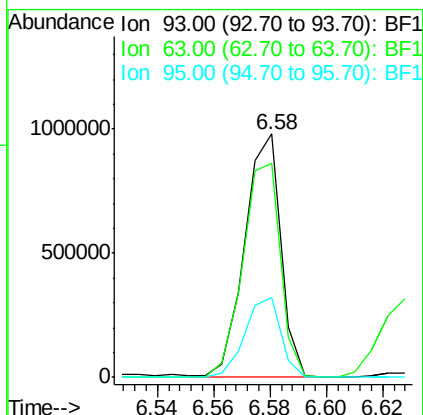
#11
bis(2-Chloroethyl)ether
Concen: 38.569 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Tot Ion	Ratio	Resp	Lower	Upper
93	100	865555		
63	87.9		68.4	108.4
95	32.6		13.4	53.4

Instrument :
BNA_F
ClientSampleId :
PB127810BS

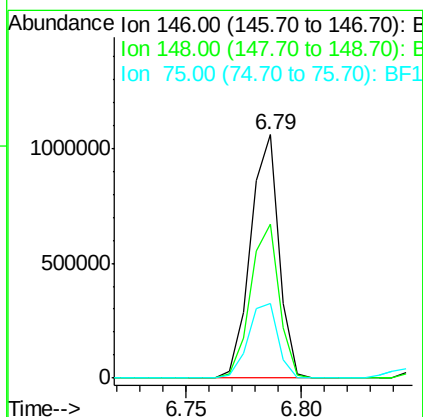
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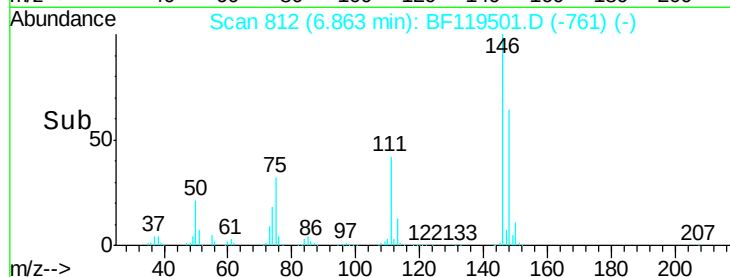
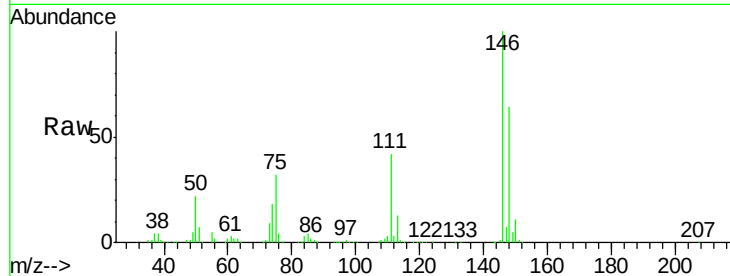
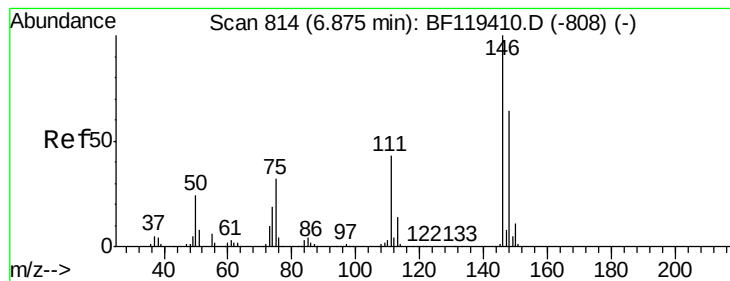
mohammad
3/27/2020 8:11:39 AM



#12
1,3-Dichlorobenzene
Concen: 38.938 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	911172		
148	63.4		51.4	77.0
75	30.6		25.8	38.8





#13

1,4-Dichlorobenzene

Concen: 39.520 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF119501.D

Acq: 25 Mar 2020 12:38

Tot Ion:	146	Resp:	925016
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.9	76.3
111	41.7	34.6	52.0

Instrument :

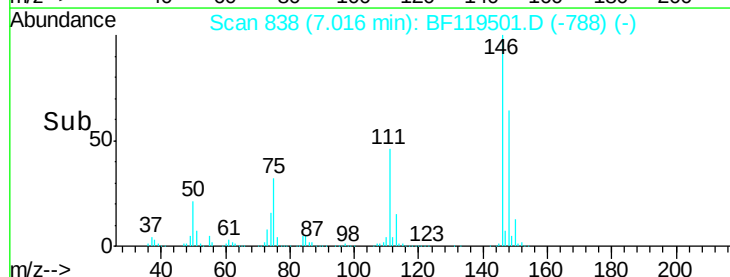
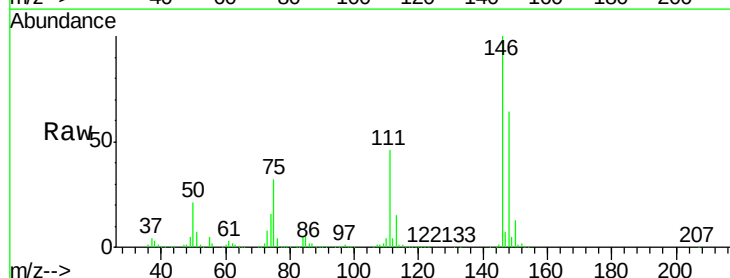
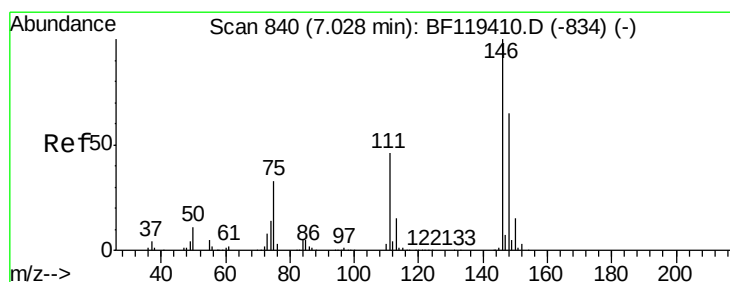
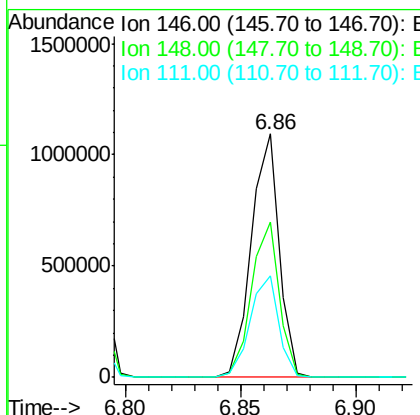
BNA_F

ClientSampled :

PB127810BS

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#14

1,2-Dichlorobenzene

Concen: 39.316 ng

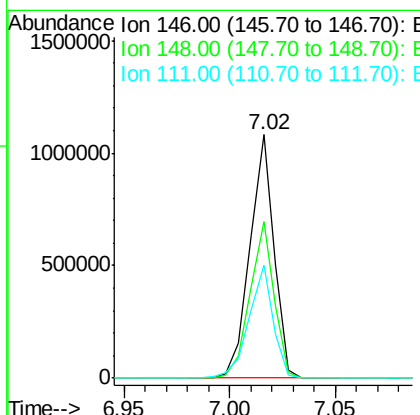
RT: 7.02 min Scan# 838

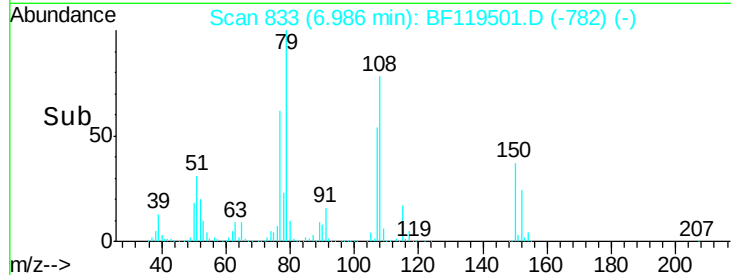
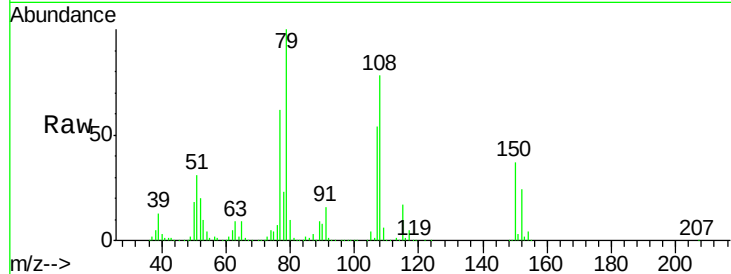
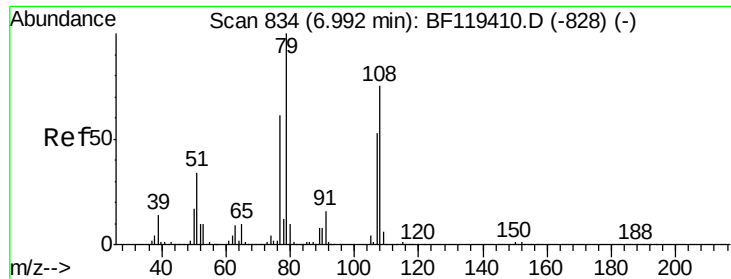
Delta R.T. -0.01 min

Lab File: BF119501.D

Acq: 25 Mar 2020 12:38

Tgt Ion:	146	Resp:	860170
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.7	77.5
111	46.3	36.4	54.6





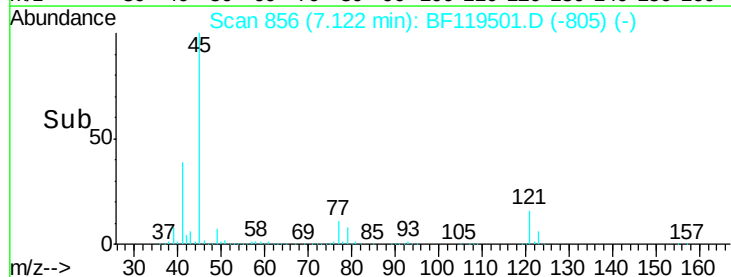
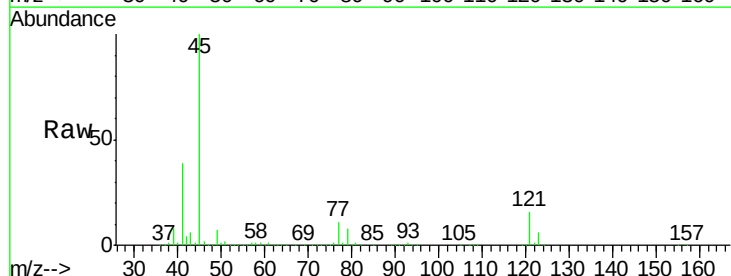
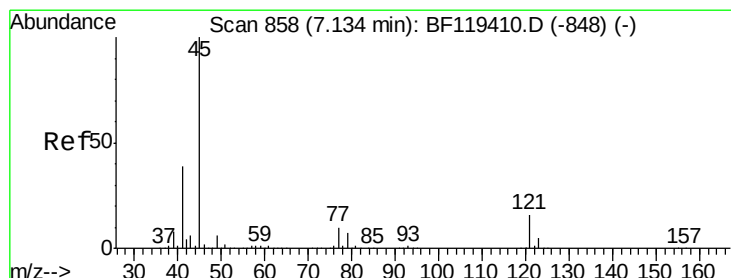
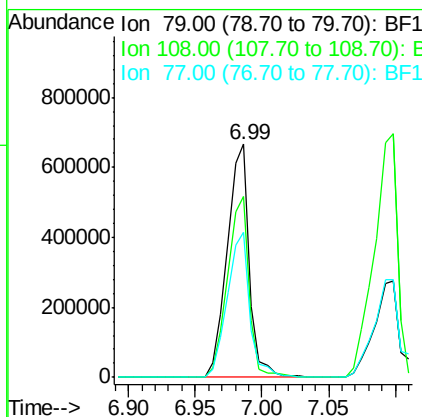
#15
Benzyl Alcohol
Concen: 39.343 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.9	60.4	90.6
77	62.3	49.0	73.4

Instrument :
BNA_F
ClientSampleId :
PB127810BS

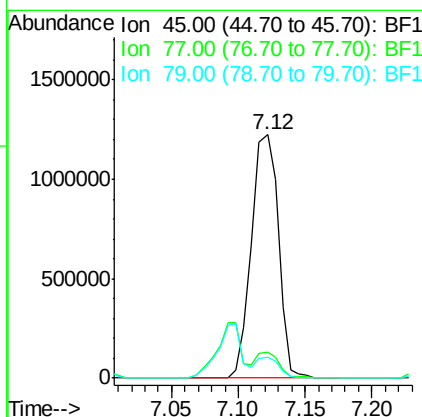
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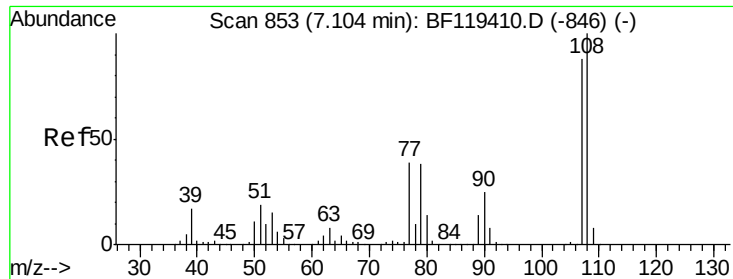
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.458 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.8	0.0	30.1
79	8.5	0.0	27.4





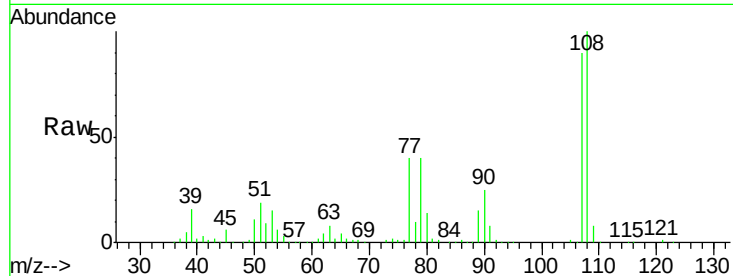
#17
2-Methylphenol
Concen: 37.218 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Instrument :
BNA_F
ClientSampleId :
PB127810BS

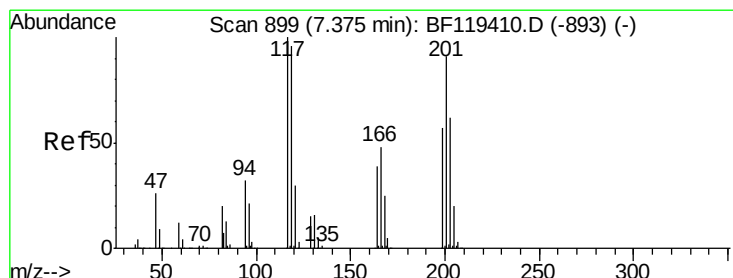
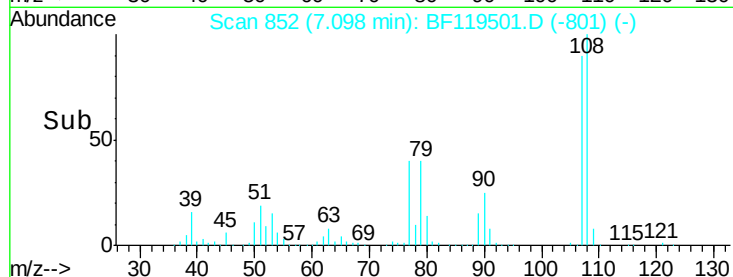
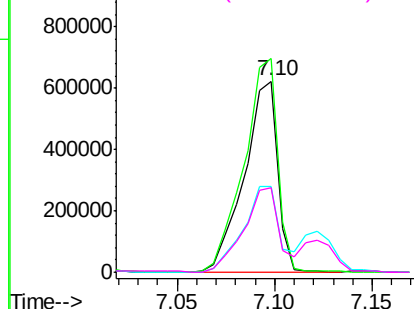
Tot Ion	107	Resp	737290
Ion Ratio	Lower	Upper	
107	100		
108	111.7	90.7	136.1
77	44.8	35.6	53.4
79	44.2	34.7	52.1

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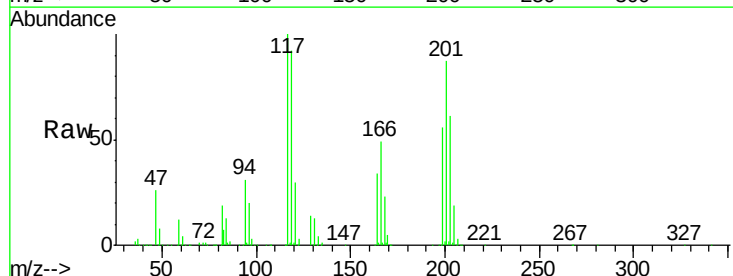


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

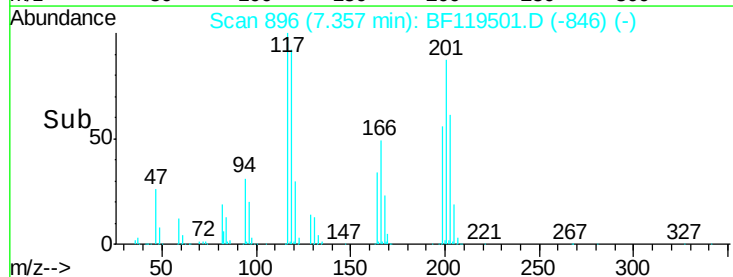
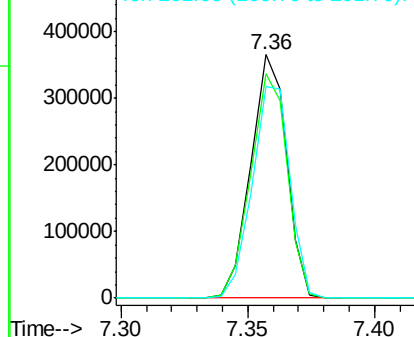


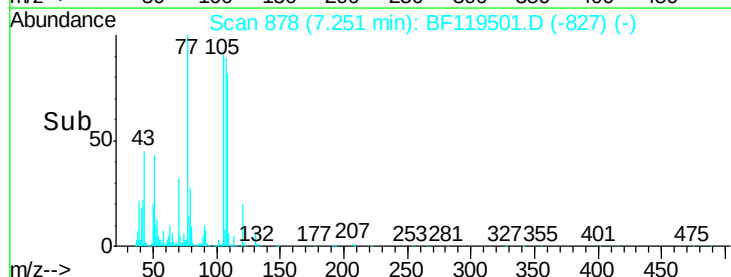
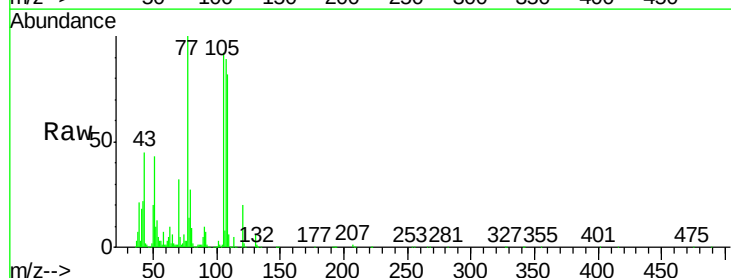
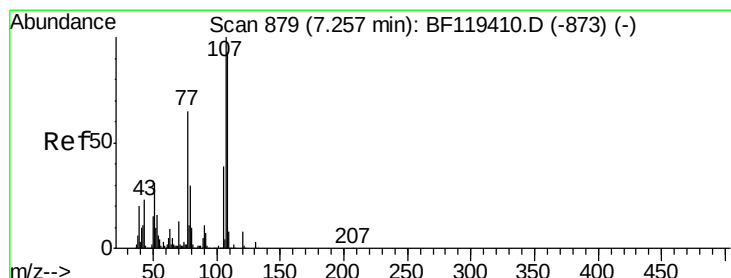
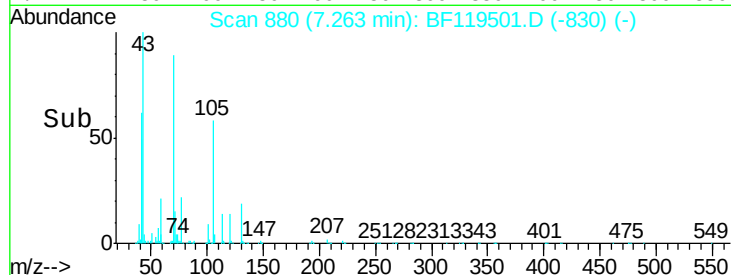
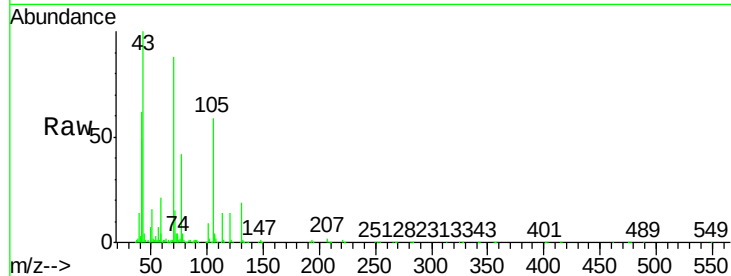
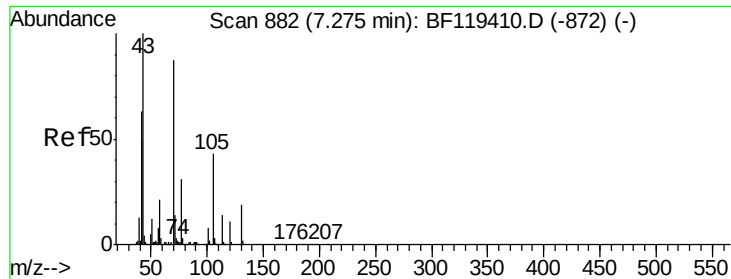
#18
Hexachloroethane
Concen: 42.213 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Tgt Ion	117	Resp	362096
Ion Ratio	Lower	Upper	
117	100		
119	92.2	76.8	115.2
201	87.1	72.5	108.7



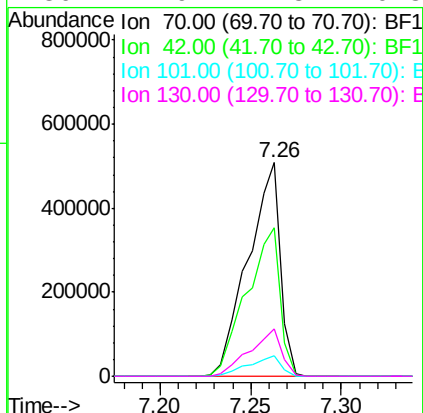
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 39.928 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.6	58.2	87.4
101	9.6	7.4	11.2
130	21.9	17.8	26.8



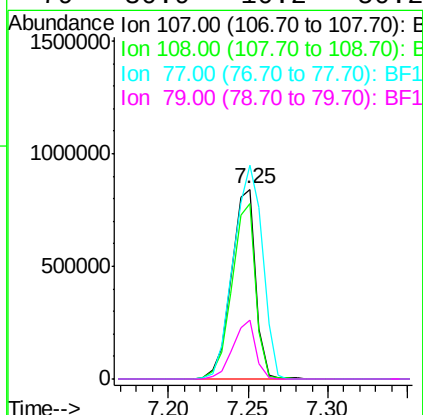
Instrument :
BNA_F
ClientSampleId :
PB127810BS

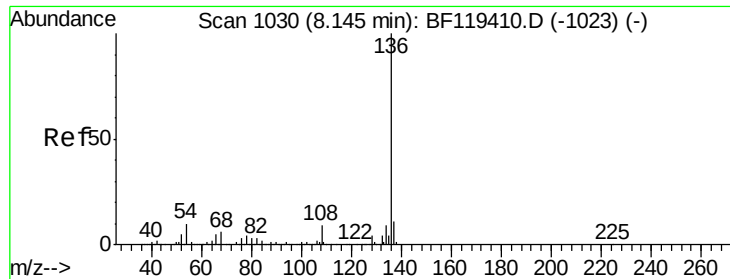
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#20
3+4-Methylphenols
Concen: 36.965 ng m
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.0	72.6	112.6
77	112.4	44.7	84.7#
79	30.9	10.2	50.2





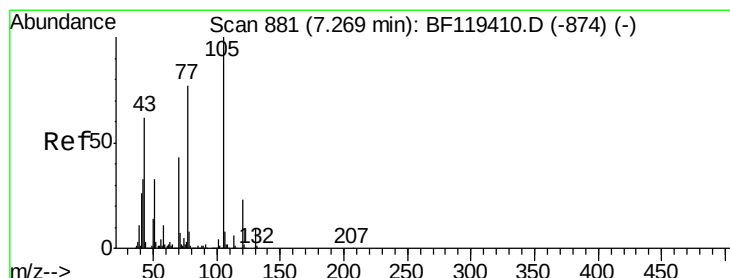
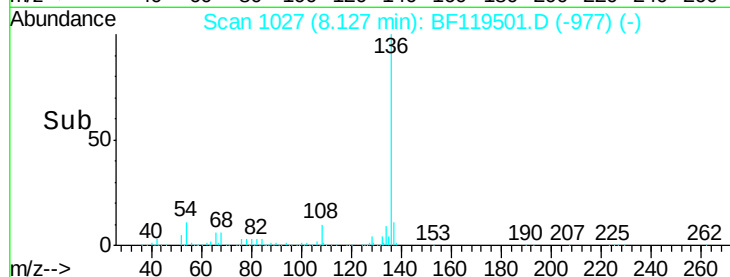
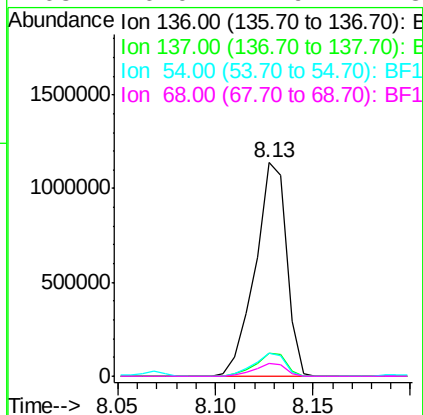
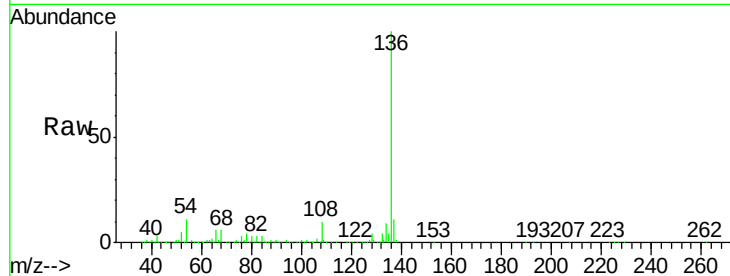
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Instrument :
BNA_F
ClientSampleId :
PB127810BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1271888		
137	10.9	8.4	12.6		
54	10.9	8.3	12.5		
68	6.0	4.9	7.3		

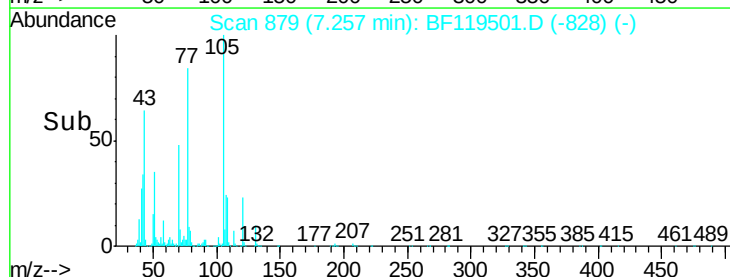
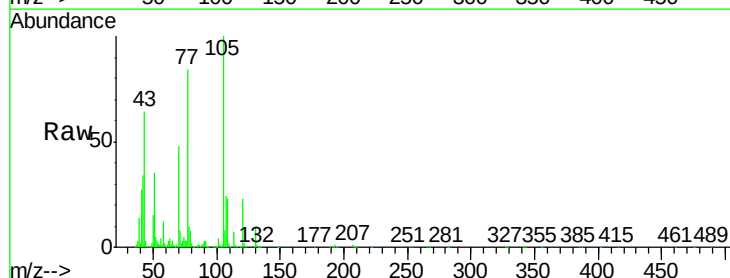
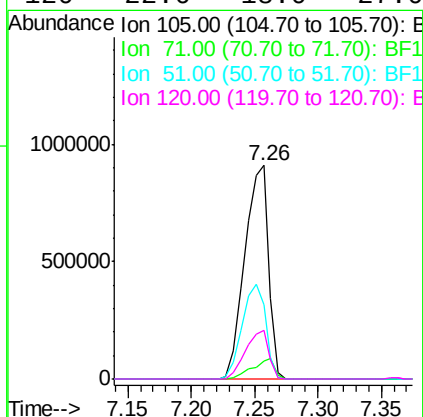
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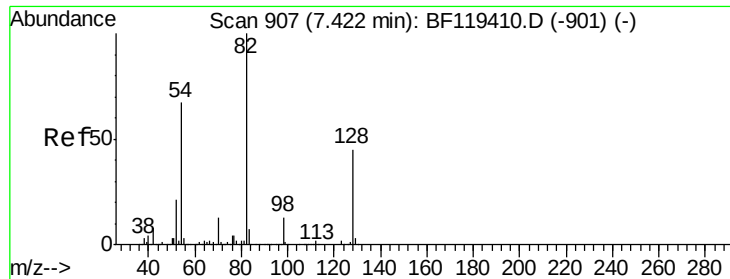
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#22
Acetophenone
Concen: 38.924 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1182950		
71	8.1	5.8	8.6		
51	34.9	26.8	40.2		
120	22.6	18.0	27.0		





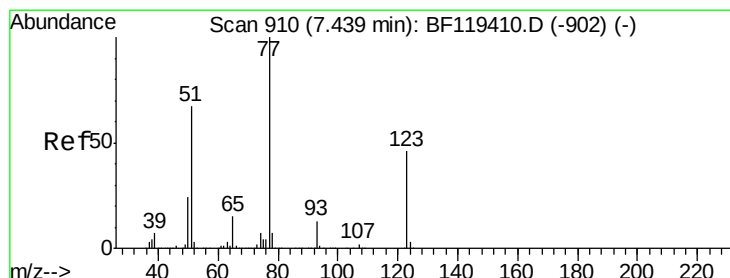
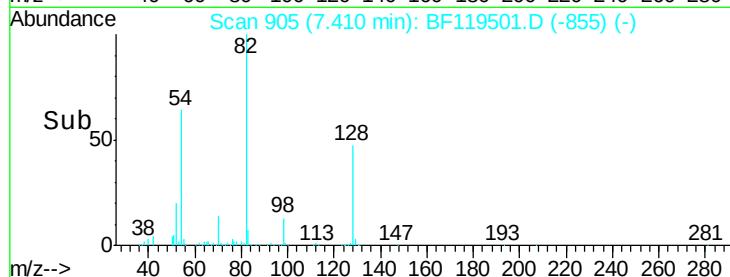
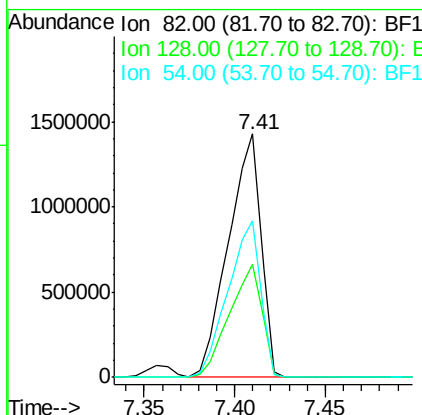
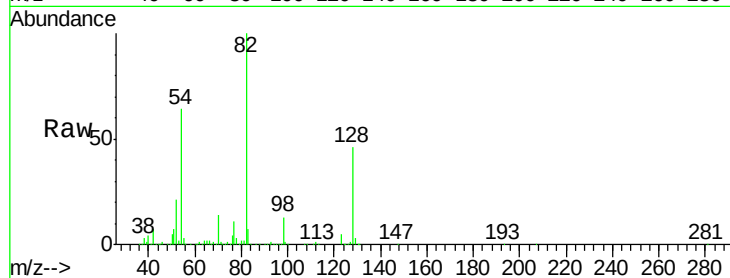
#23
Nitrobenzene-d5
Concen: 76.157 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Instrument :
BNA_F
ClientSampleId :
PB127810BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	35.8	53.8
54	64.3	53.4	80.0

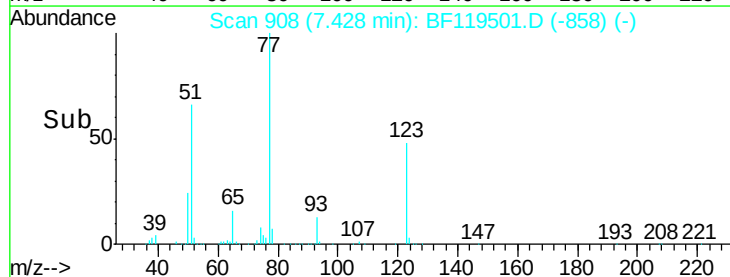
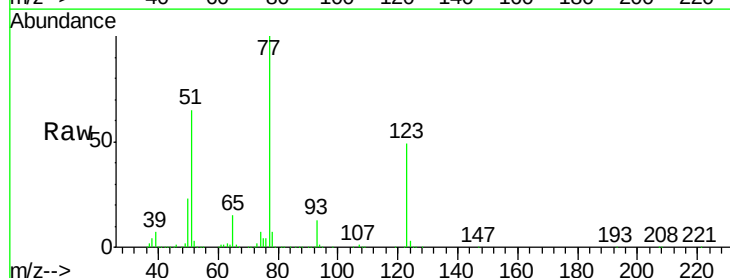
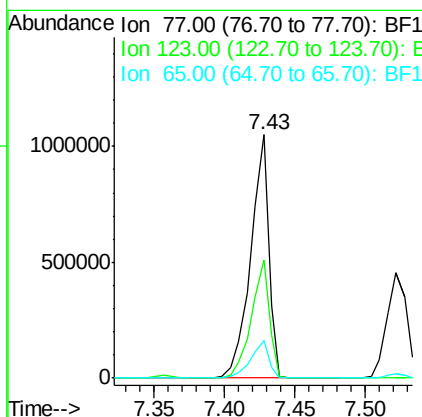
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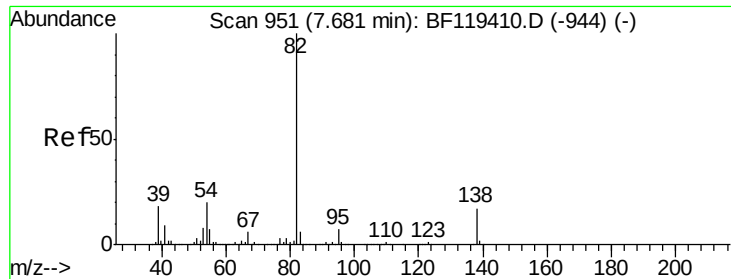
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#24
Nitrobenzene
Concen: 38.030 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.6	36.9	55.3
65	15.2	12.2	18.4





#25

Isophorone

Concen: 37.575 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF119501.D

Acq: 25 Mar 2020 12:38

Instrument :

BNA_F

ClientSampleId :

PB127810BS

Tot Ion: 82 Resp: 1783804

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

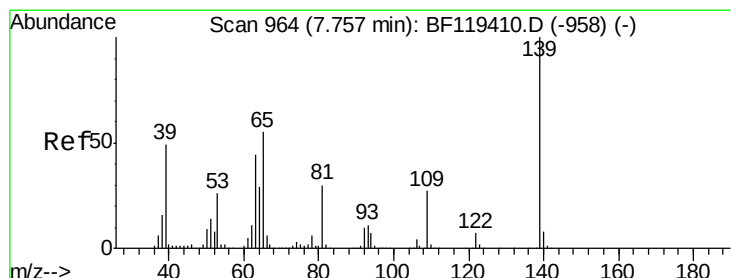
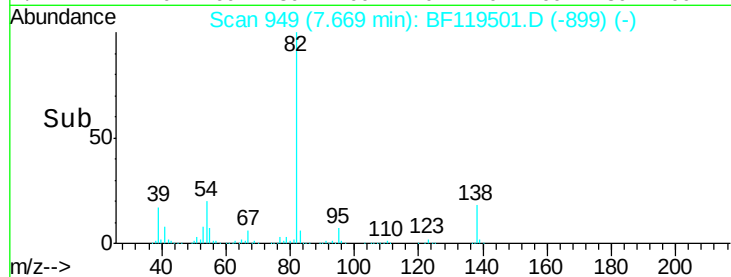
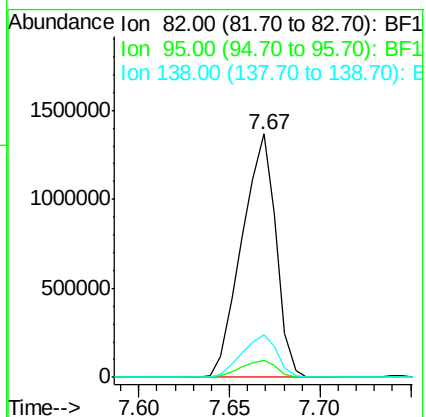
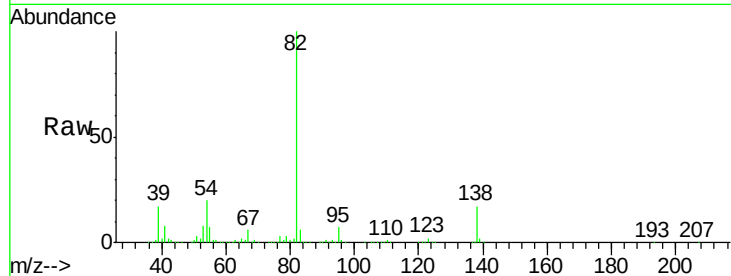
138 17.5 13.8 20.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 48.602 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF119501.D

Acq: 25 Mar 2020 12:38

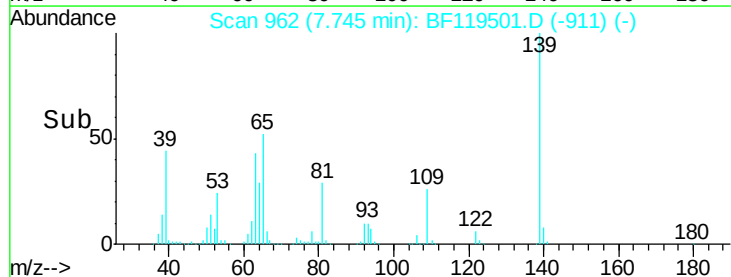
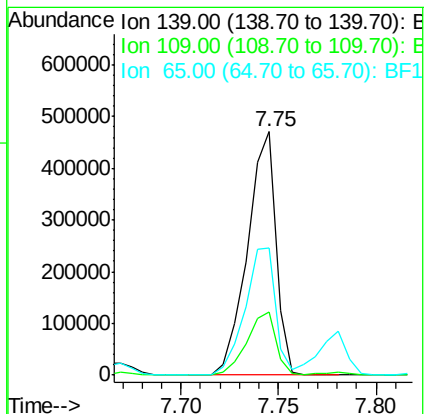
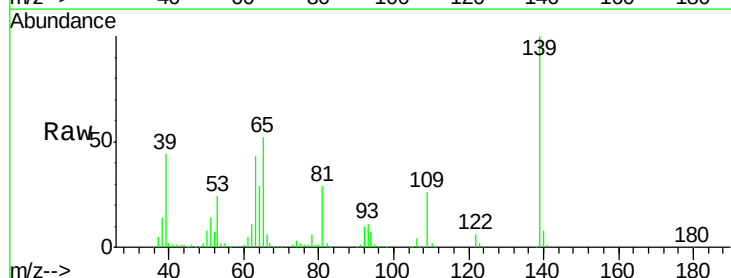
Tgt Ion: 139 Resp: 478608

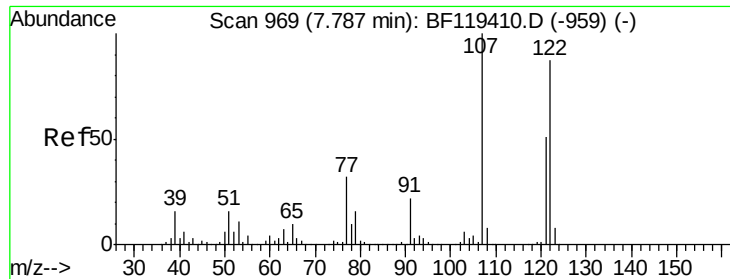
Ion Ratio Lower Upper

139 100

109 26.1 21.7 32.5

65 52.0 43.9 65.9





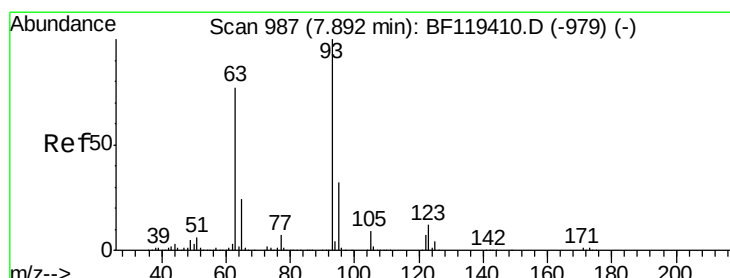
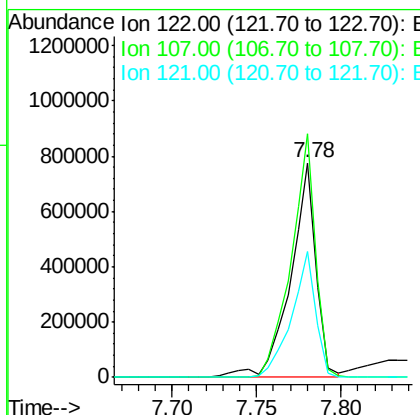
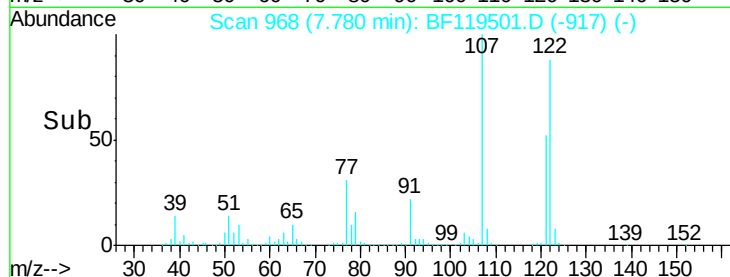
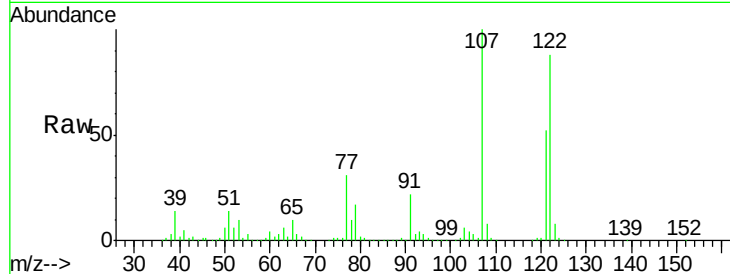
#27
2,4-Dimethylphenol
Concen: 39.955 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Instrument :
BNA_F
ClientSampleId :
PB127810BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.6	91.8	137.6
121	58.5	46.5	69.7

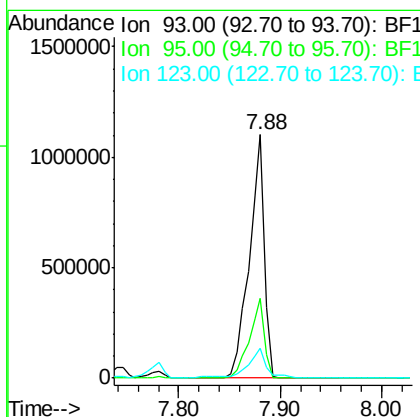
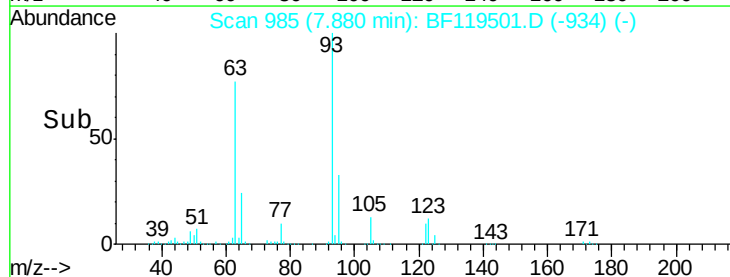
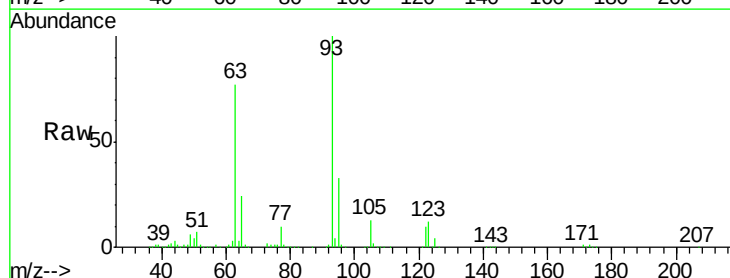
Manual Integrations
APPROVED

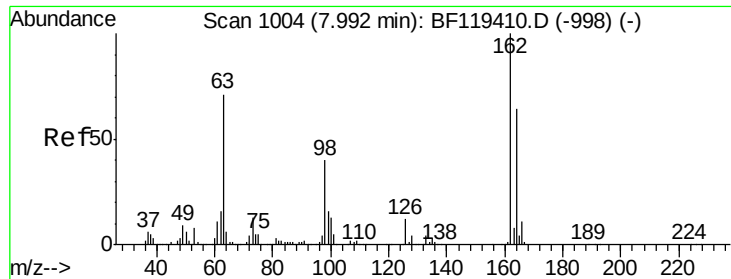
mohammad
3/27/2020 8:11:39 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.360 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.0	39.0
123	12.4	9.7	14.5





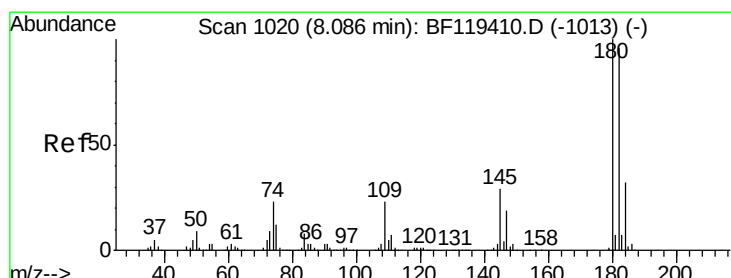
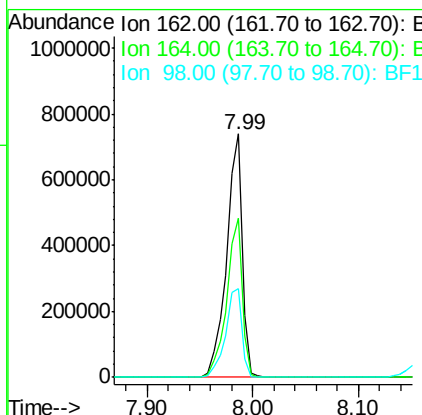
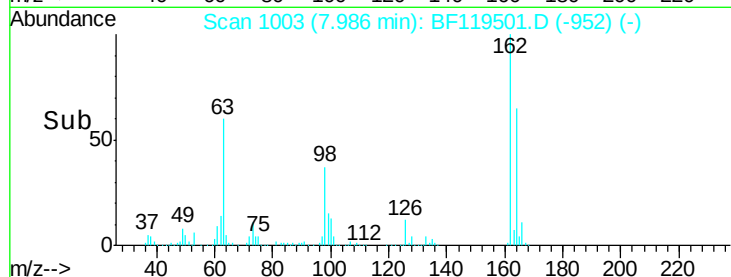
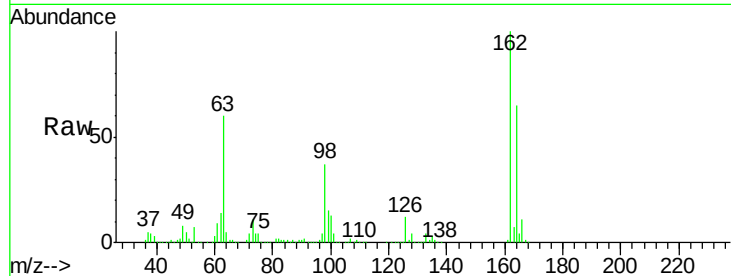
#29
2,4-Dichlorophenol
Concen: 40.745 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Instrument :
BNA_F
ClientSampleId :
PB127810BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	762316		
164	65.2	43.6	83.6	
98	36.6	20.4	60.4	

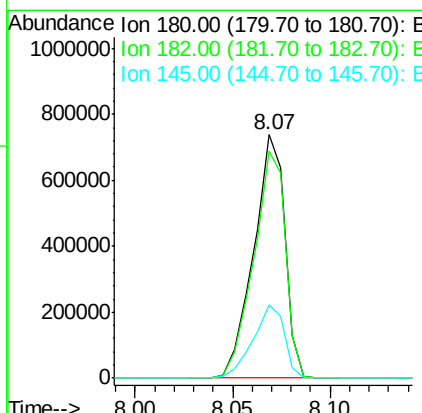
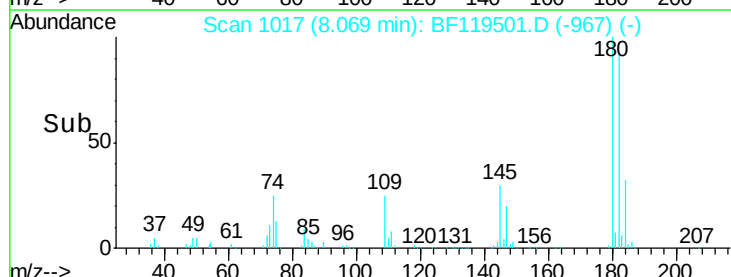
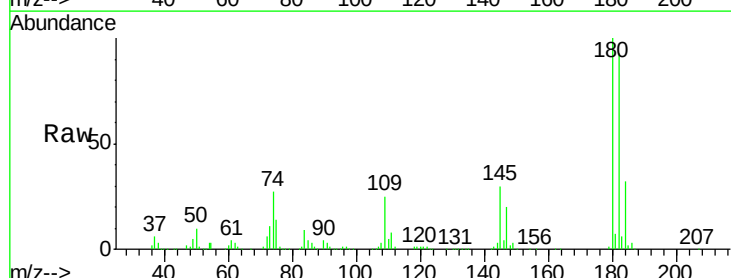
Manual Integrations
APPROVED

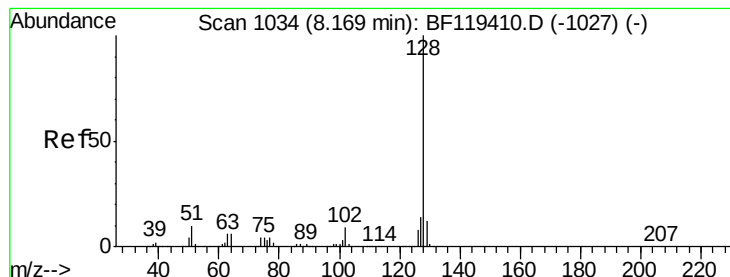
mohammad
3/27/2020 8:11:39 AM



#30
1,2,4-Trichlorobenzene
Concen: 39.523 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	817763		
182	93.2	76.6	115.0	
145	30.4	23.2	34.8	





#31

Naphthalene

Concen: 38.980 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF119501.D

Acq: 25 Mar 2020 12:38

Instrument :

BNA_F

ClientSampleId :

PB127810BS

Tot Ion:128 Resp: 2551326

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

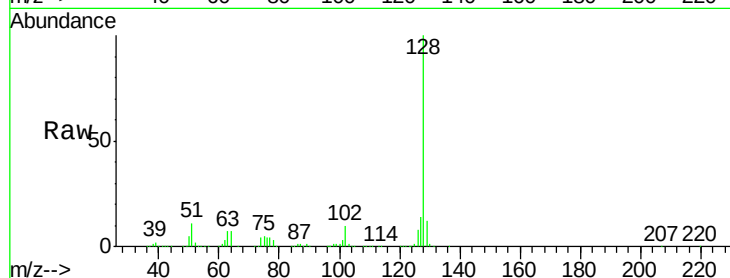
127 14.0 11.0 16.4

Manual Integrations

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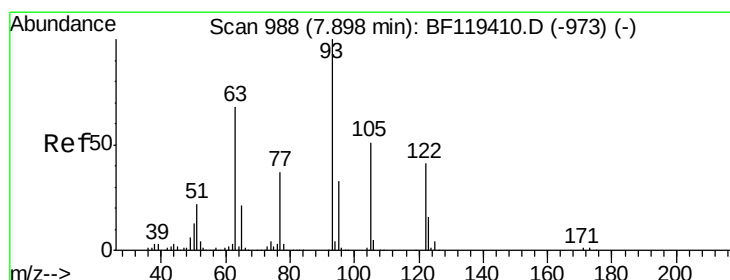
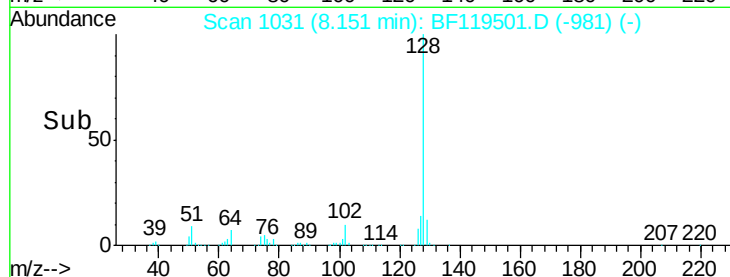
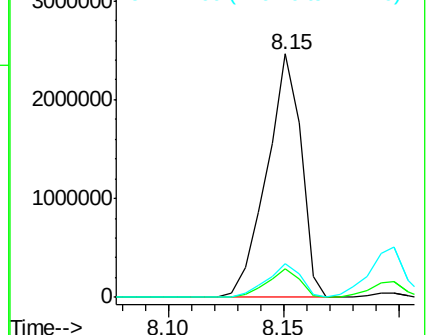
3/27/2020 8:11:39 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 47.326 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF119501.D

Acq: 25 Mar 2020 12:38

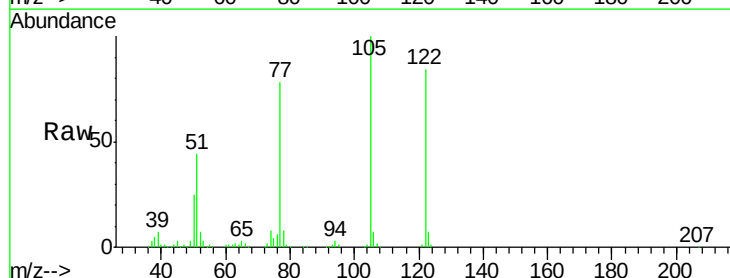
Tgt Ion:122 Resp: 619881

Ion Ratio Lower Upper

122 100

105 119.7 102.9 142.9

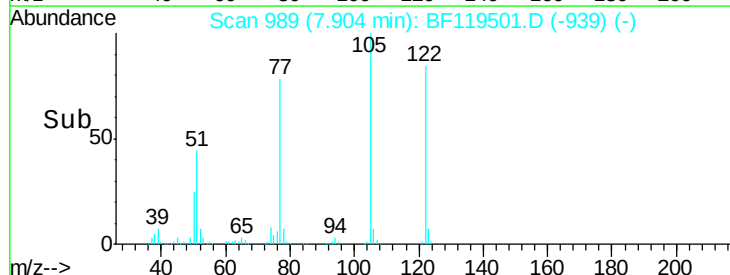
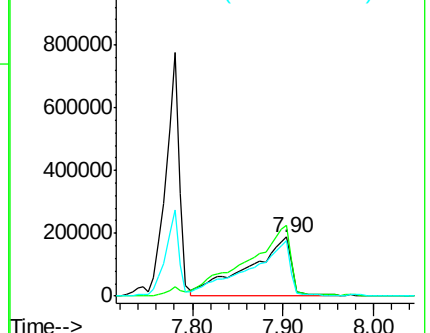
77 93.7 70.1 110.1

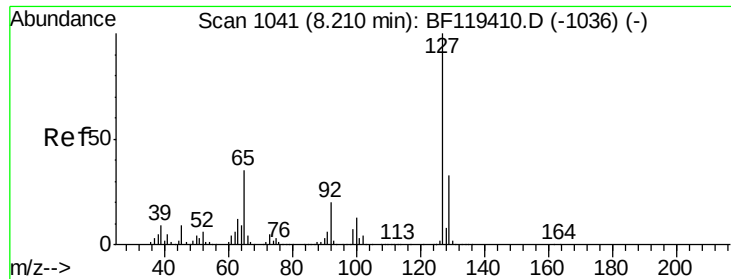


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





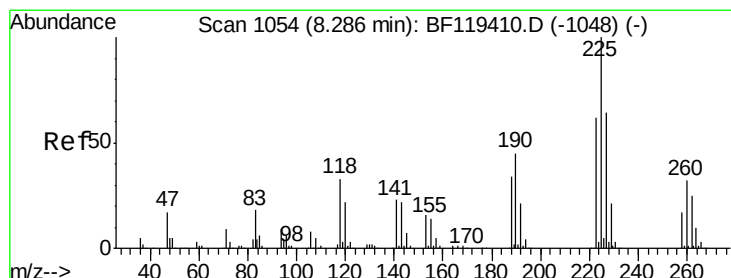
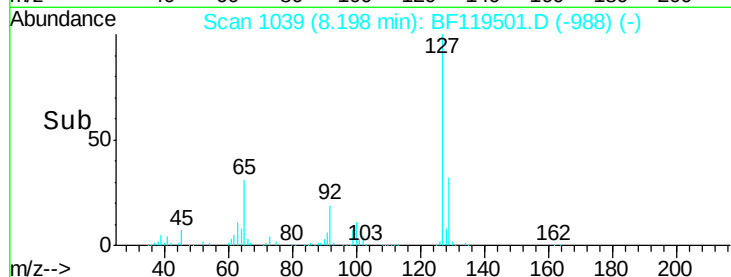
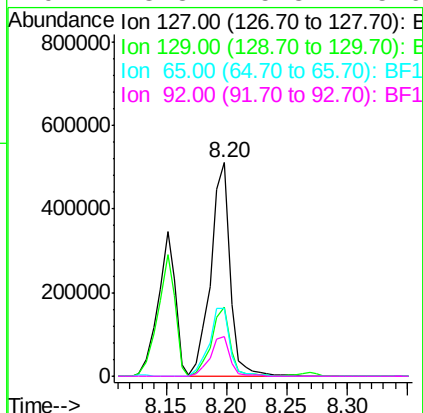
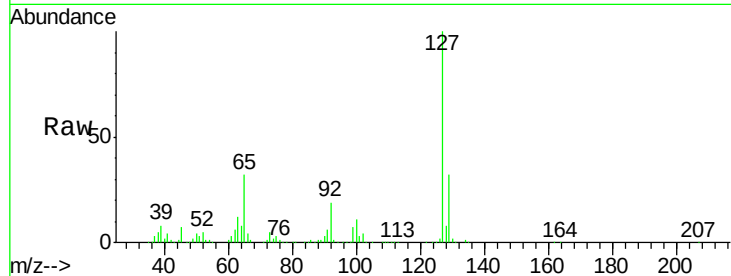
#33
4-Chloroaniline
Concen: 18.622 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Instrument :
BNA_F
ClientSampleId :
PB127810BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.2	39.4		
65	31.9	27.7	41.5		
92	18.8	15.8	23.6		

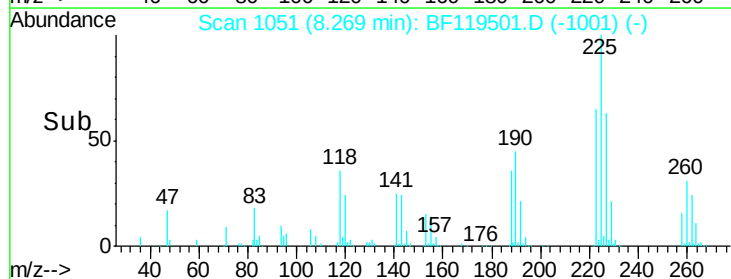
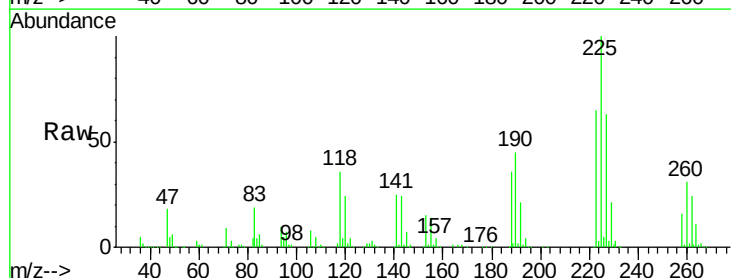
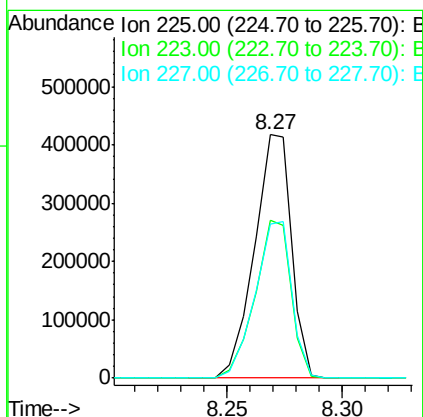
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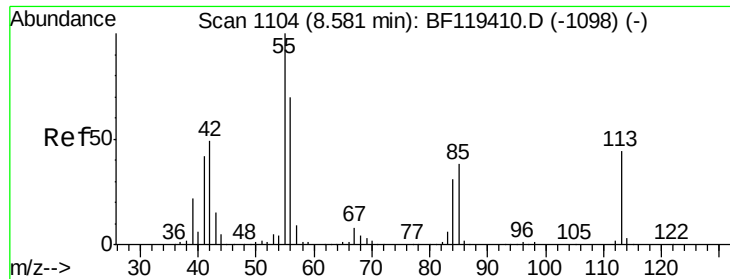
mohammad
3/27/2020 8:11:39 AM



#34
Hexachlorobutadiene
Concen: 40.411 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.8	49.2	73.8		
227	63.0	51.1	76.7		





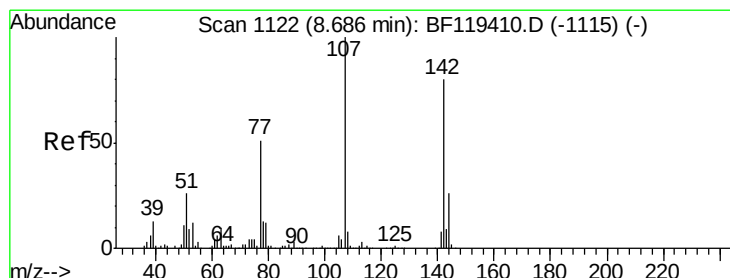
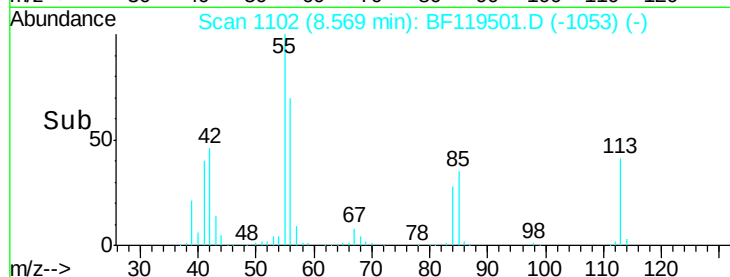
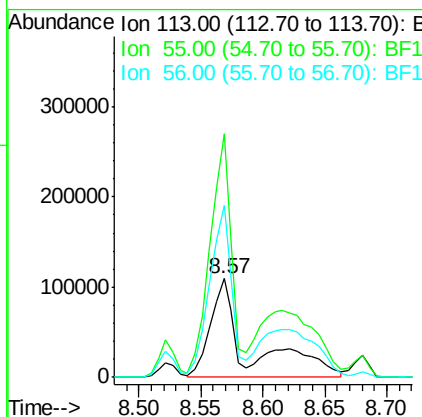
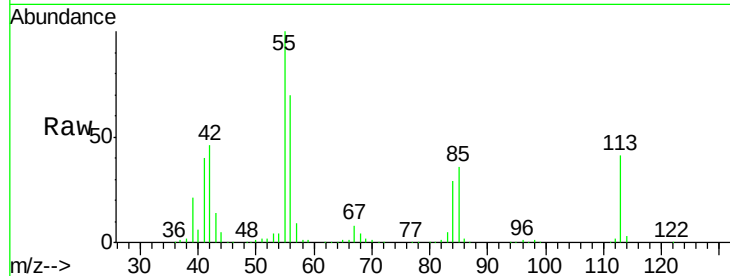
#35
Caprolactam
Concen: 38.310 ng/ml
RT: 8.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Instrument :
BNA_F
ClientSampleId :
PB127810BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	246.9	208.4	248.4
56	174.0	138.9	178.9

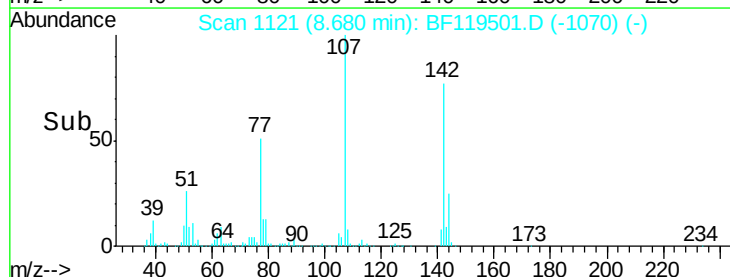
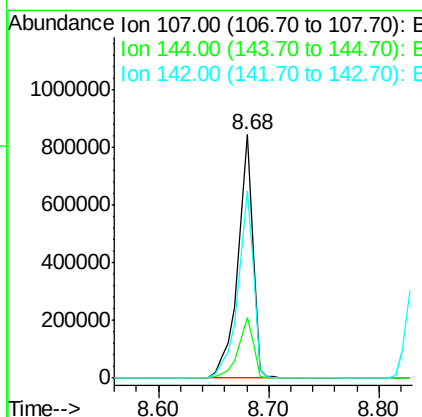
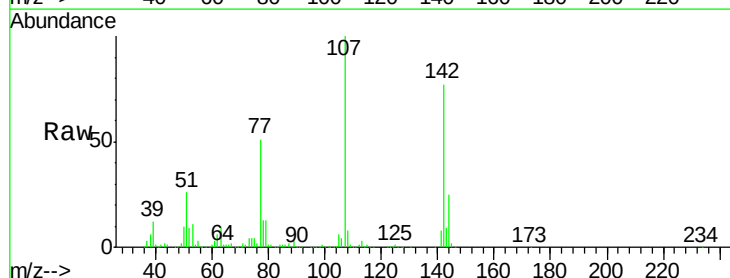
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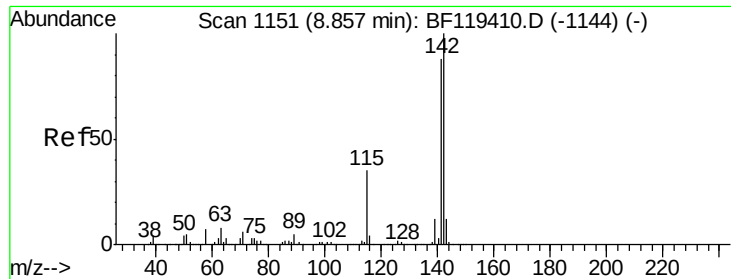
mohammad
3/27/2020 8:11:39 AM



#36
4-Chloro-3-methylphenol
Concen: 40.151 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.6	31.0
142	76.8	63.8	95.6





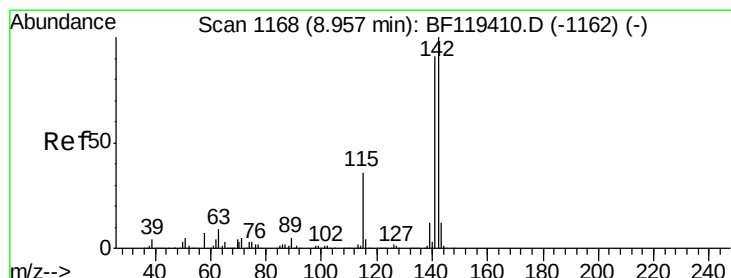
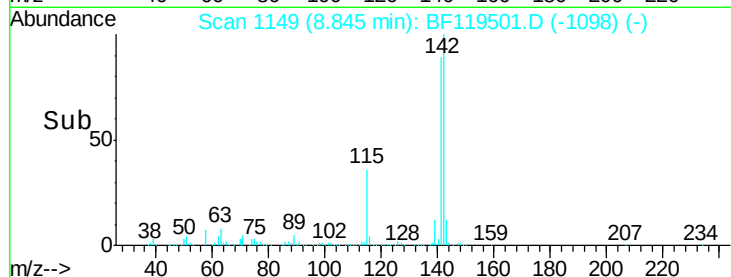
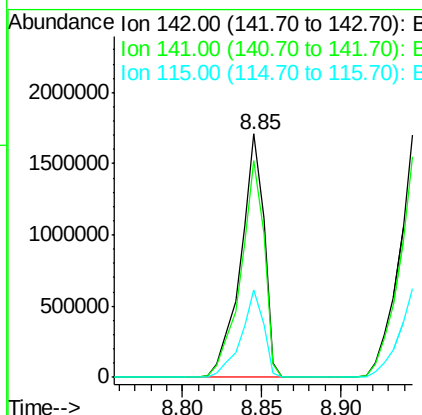
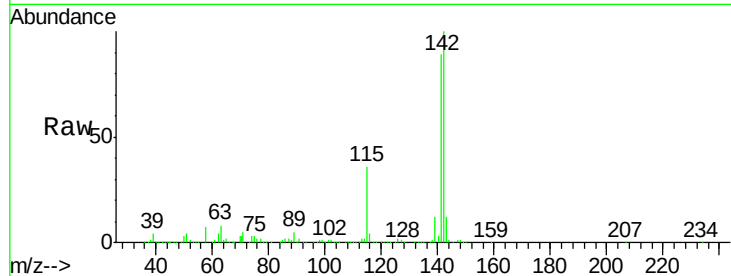
#37
2-Methylnaphthalene
Concen: 40.639 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Instrument :
BNA_F
ClientSampleId :
PB127810BS

Tot Ion:142 Resp: 1745674
Ion Ratio Lower Upper
142 100
141 89.2 70.4 105.6
115 35.9 27.8 41.6

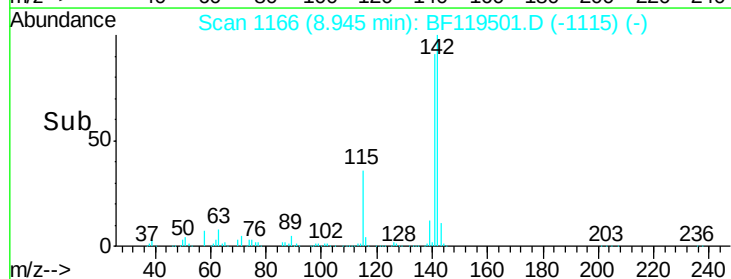
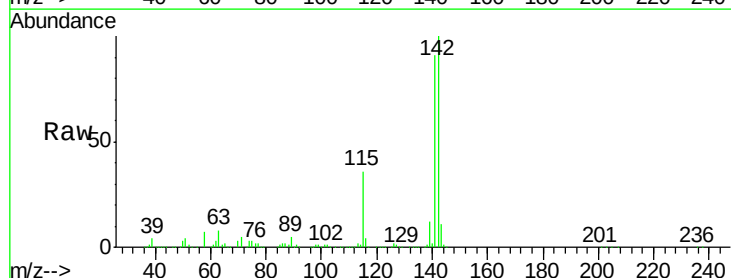
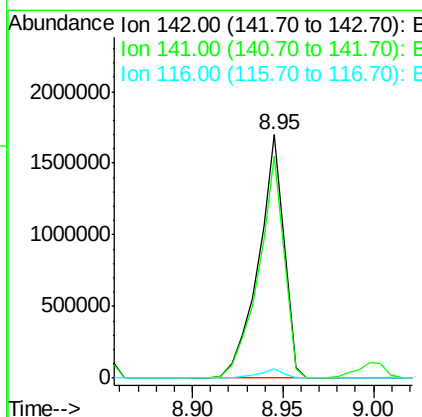
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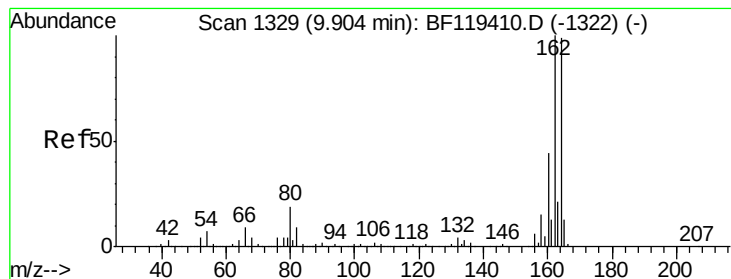
mohammad
3/27/2020 8:11:39 AM



#38
1-Methylnaphthalene
Concen: 41.133 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Tgt Ion:142 Resp: 1672423
Ion Ratio Lower Upper
142 100
141 91.3 73.1 109.7
116 3.6 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BF119501.D

Acq: 25 Mar 2020 12:38

Instrument :

BNA_F

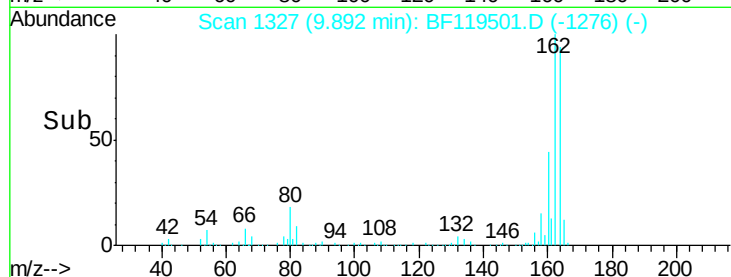
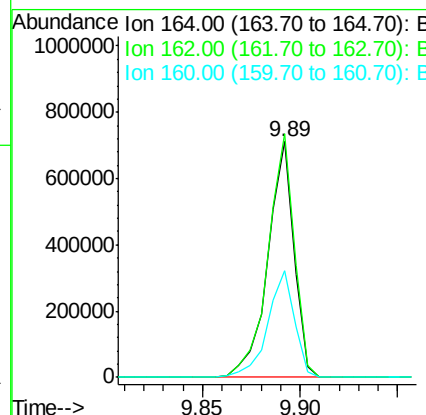
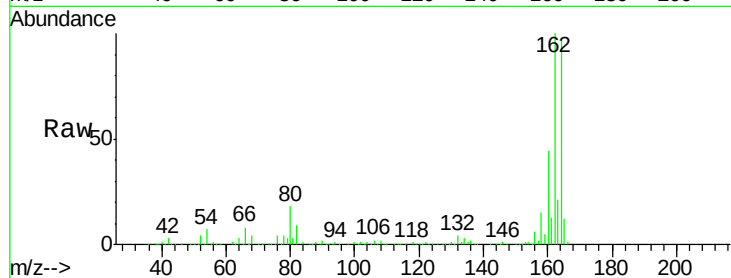
ClientSampleID :

PB127810BS

Tot Ion:	164	Resp:	662724
Ion Ratio	Lower	Upper	
164	100		
162	103.2	80.7	121.1
160	45.2	35.5	53.3

Manual Integrations
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mohammad
3/27/2020 8:11:39 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.803 ng

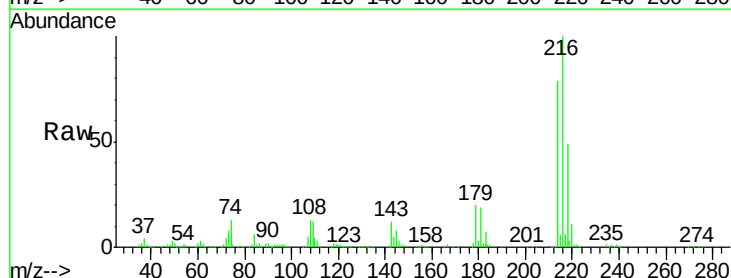
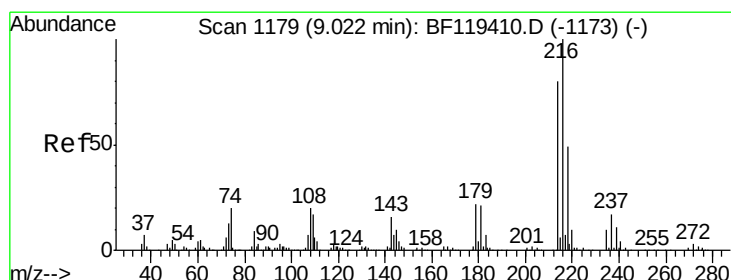
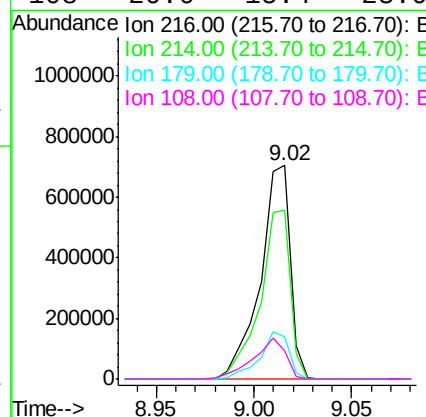
RT: 9.02 min Scan# 1178

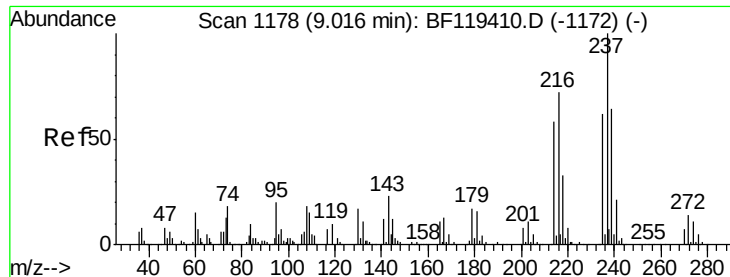
Delta R.T. -0.00 min

Lab File: BF119501.D

Acq: 25 Mar 2020 12:38

Tgt Ion:	216	Resp:	753747
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.0	94.6
179	21.5	17.0	25.4
108	20.6	15.4	23.0





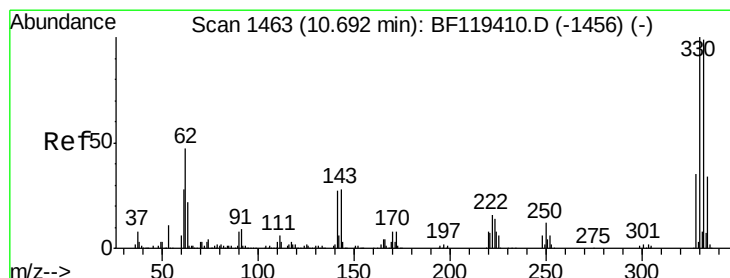
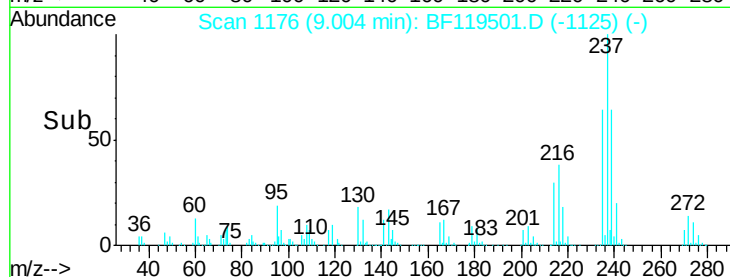
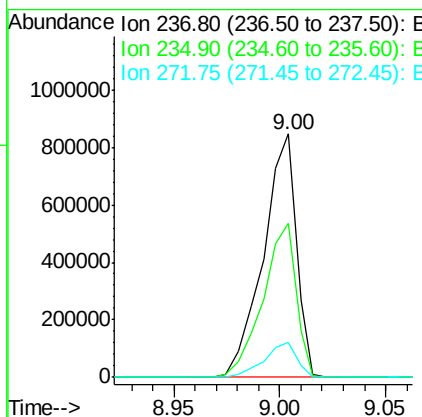
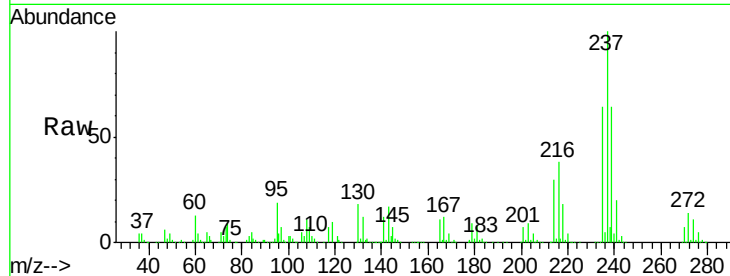
#41
Hexachlorocyclopentadiene
Concen: 83.475 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Instrument :
BNA_F
ClientSampleId :
PB127810BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.5	42.5	82.5	
272	14.3	0.0	34.3	

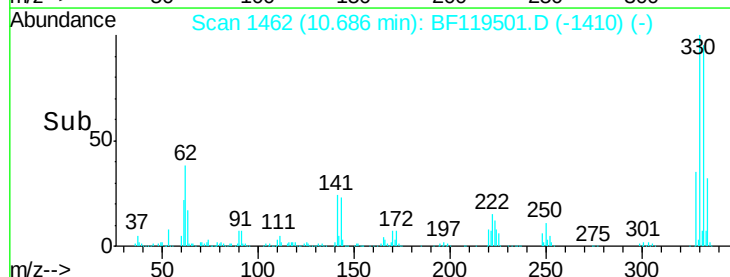
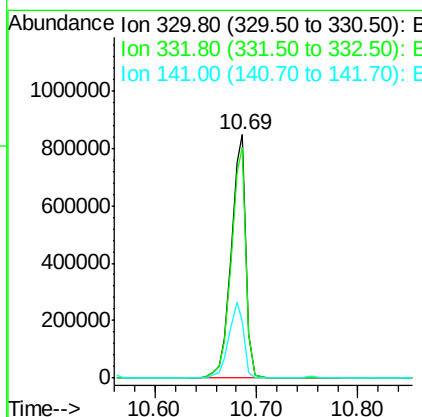
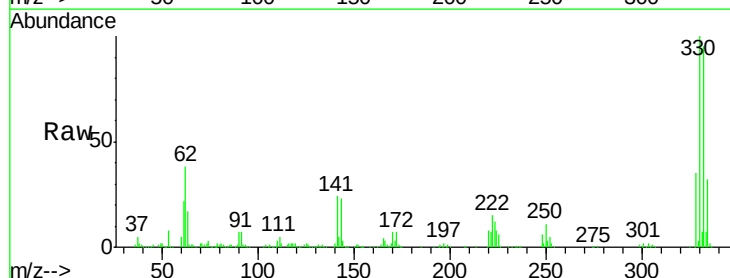
Manual Integrations
APPROVED

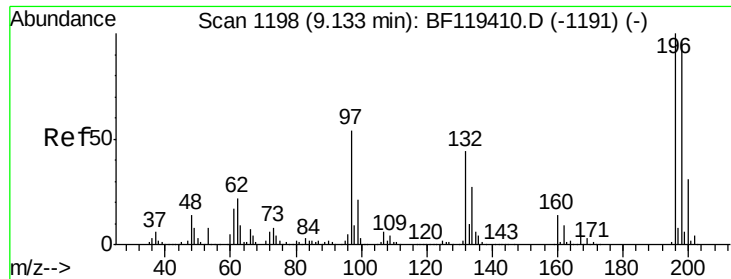
mohammad
3/27/2020 8:11:39 AM



#42
2,4,6-Tribromophenol
Concen: 124.227 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.9	77.6	116.4	
141	31.8	26.6	40.0	





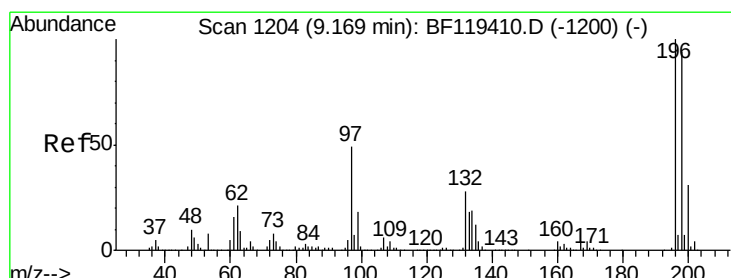
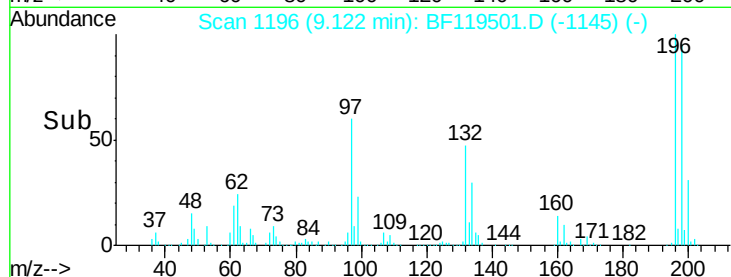
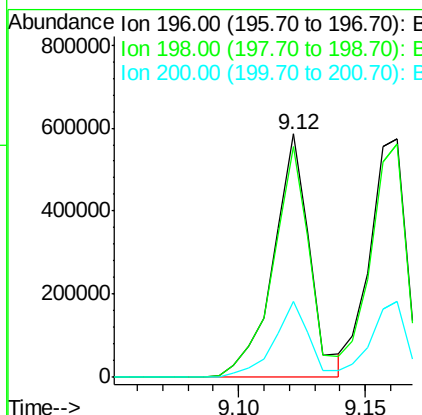
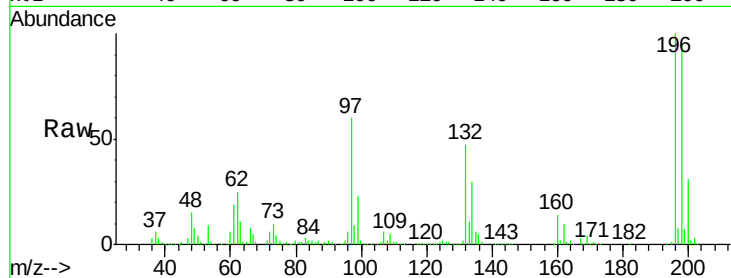
#43
 2,4,6-Trichlorophenol
 Concen: 42.079 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF119501.D
 Acq: 25 Mar 2020 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB127810BS

Tot Ion:	196	Resp:	584936
Ion Ratio	Lower	Upper	
196	100		
198	94.6	77.0	115.4
200	31.0	25.1	37.7

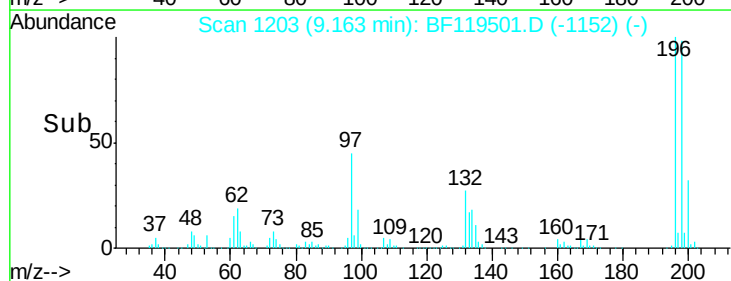
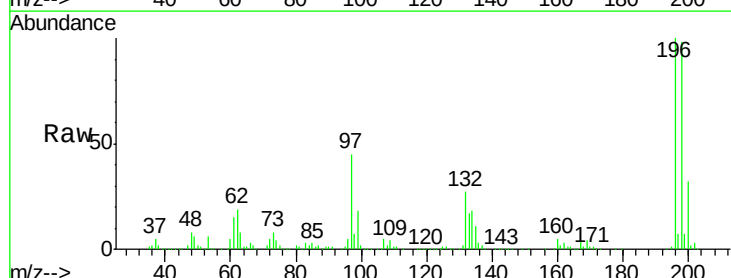
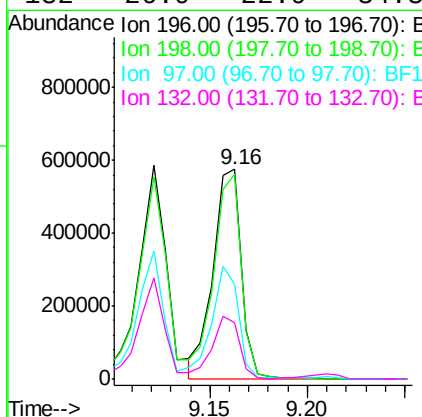
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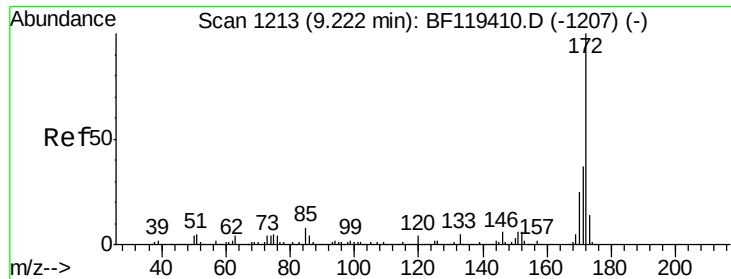
mohammad
 3/27/2020 8:11:39 AM



#44
 2,4,5-Trichlorophenol
 Concen: 37.159 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF119501.D
 Acq: 25 Mar 2020 12:38

Tgt Ion:	196	Resp:	578658
Ion Ratio	Lower	Upper	
196	100		
198	97.5	75.3	112.9
97	45.4	39.0	58.4
132	26.9	22.9	34.3





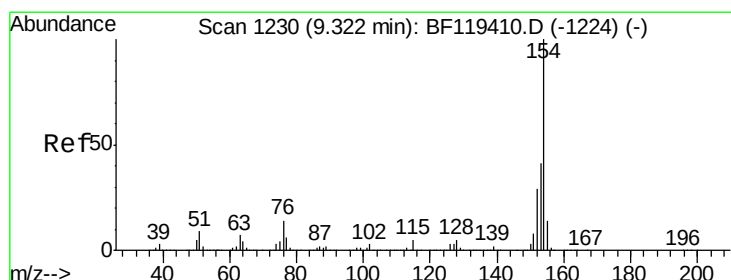
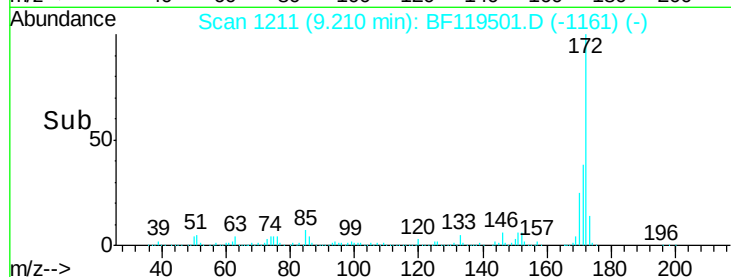
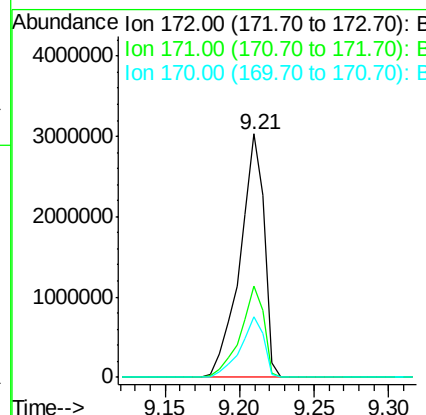
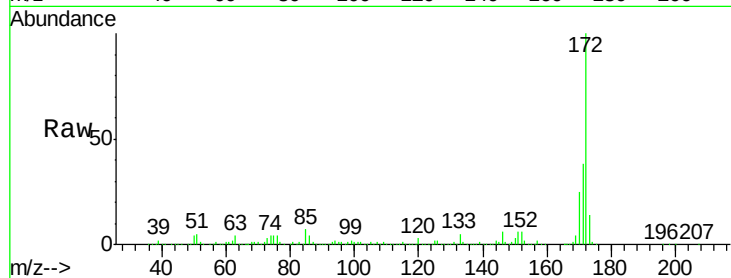
#45
2-Fluorobiphenyl
Concen: 76.453 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Instrument :
BNA_F
ClientSampleId :
PB127810BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.9	44.9
170	24.8	20.1	30.1

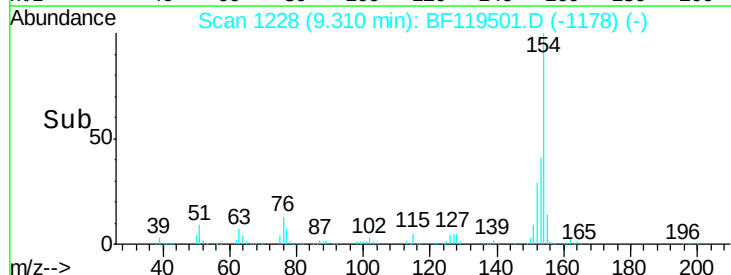
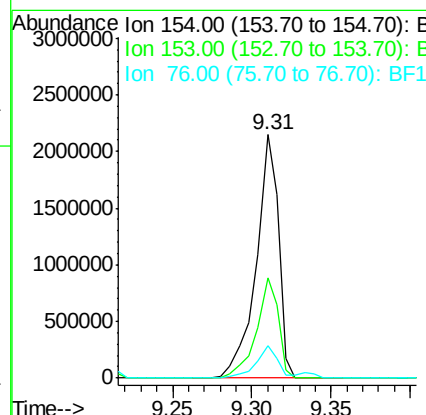
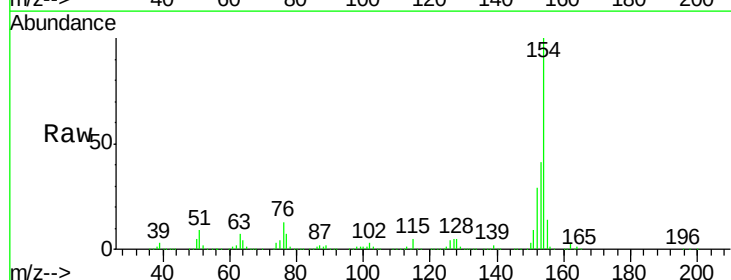
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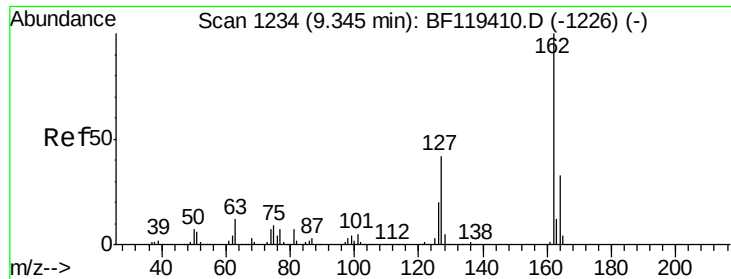
mohammad
3/27/2020 8:11:39 AM



#46
1,1'-Biphenyl
Concen: 38.690 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.4	61.4
76	13.4	0.0	33.6





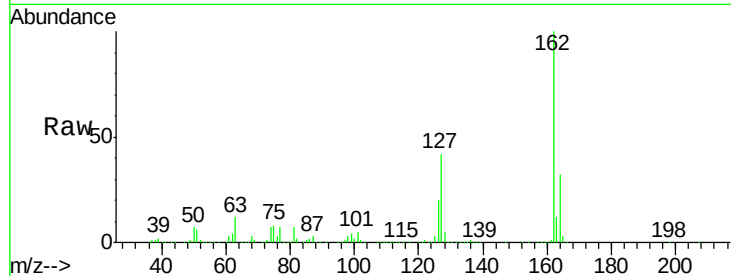
#47
 2-Chloronaphthalene
 Concen: 39.258 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF119501.D
 Acq: 25 Mar 2020 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB127810BS

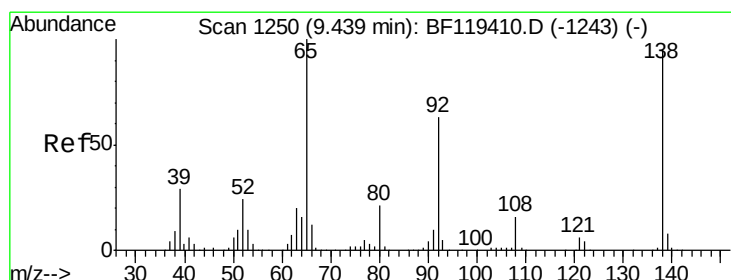
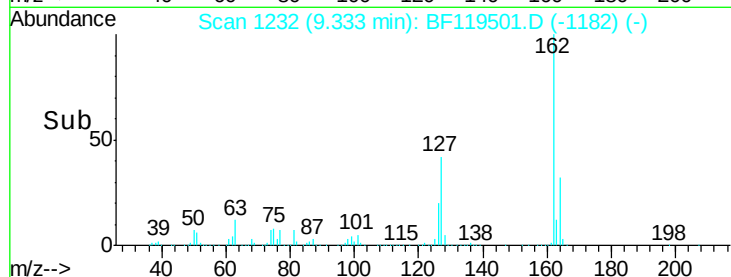
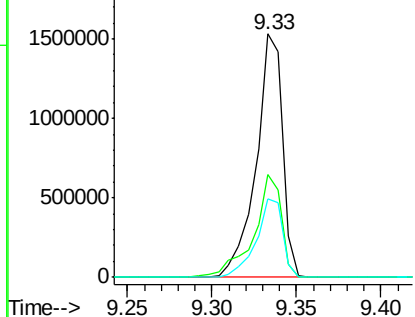
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.3	33.7	50.5
164	32.4	26.2	39.4

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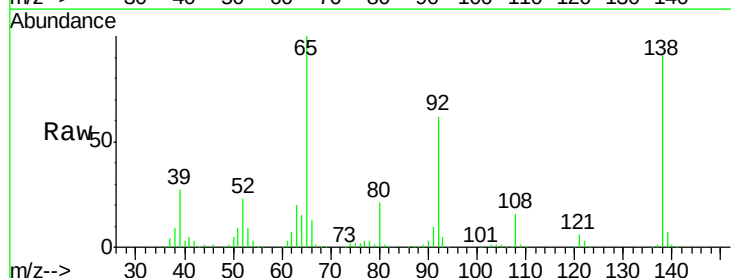


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

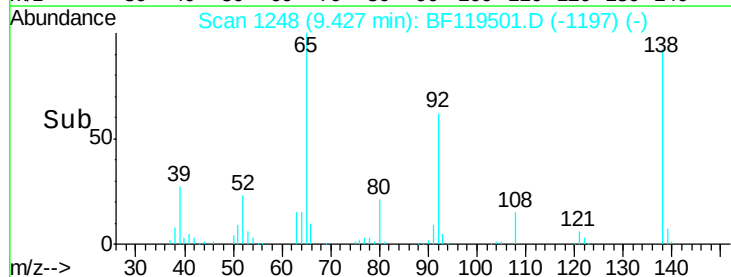
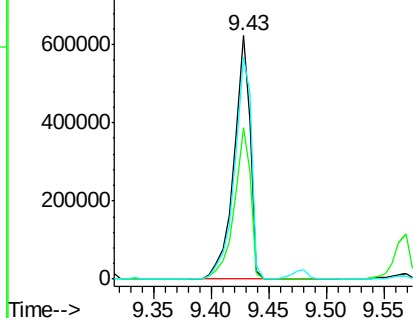


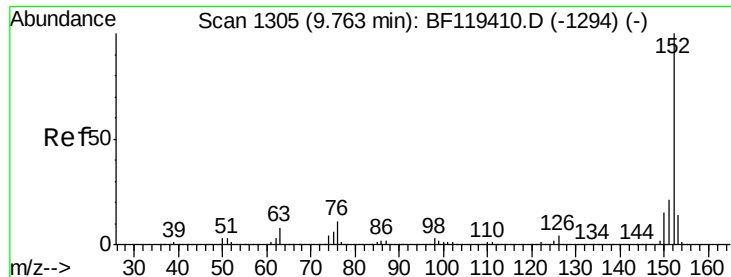
#48
 2-Nitroaniline
 Concen: 41.333 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BF119501.D
 Acq: 25 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.1	50.5	75.7
138	91.2	75.8	113.8



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





#49

Acenaphthylene

Concen: 38.864 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF119501.D

Acq: 25 Mar 2020 12:38

Instrument :

BNA_F

ClientSampleId :

PB127810BS

Tot Ion:152 Resp: 2580379

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

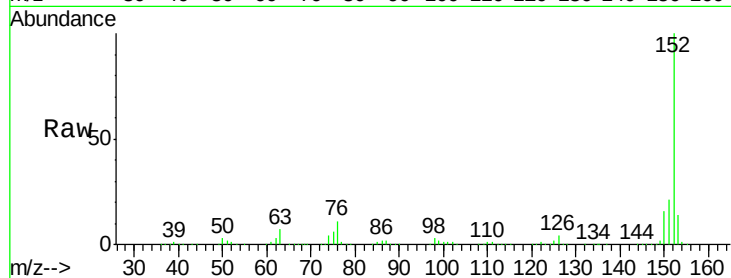
153 13.9 11.2 16.8

Manual Integrations

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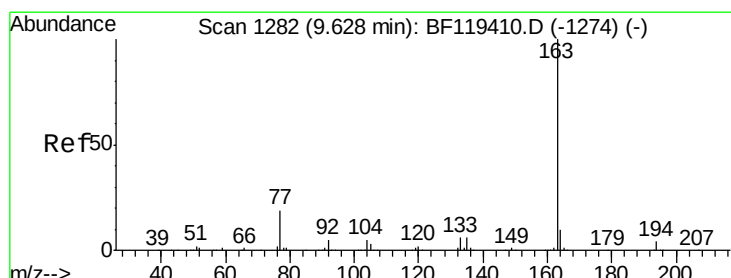
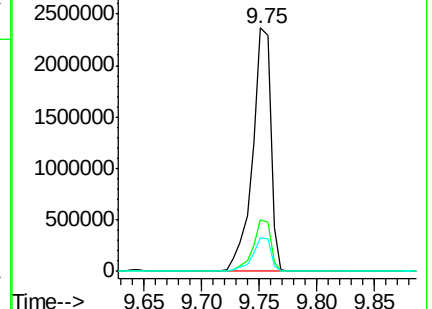
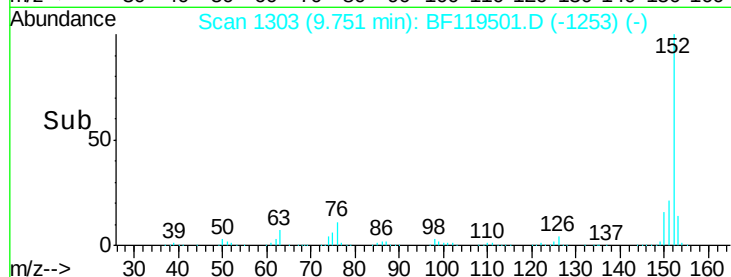
3/27/2020 8:11:39 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.909 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF119501.D

Acq: 25 Mar 2020 12:38

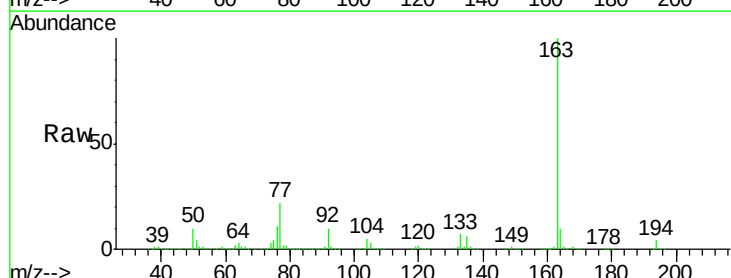
Tgt Ion:163 Resp: 1925714

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

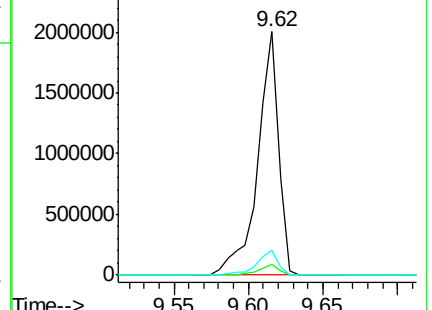
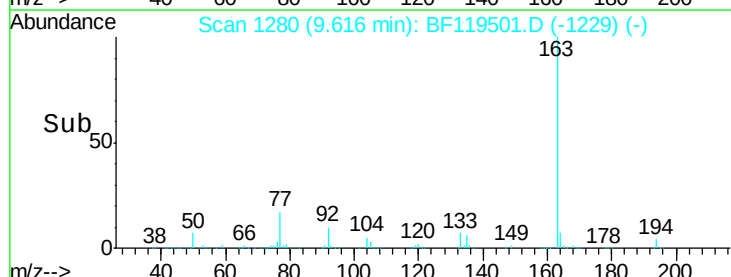
164 10.3 8.1 12.1

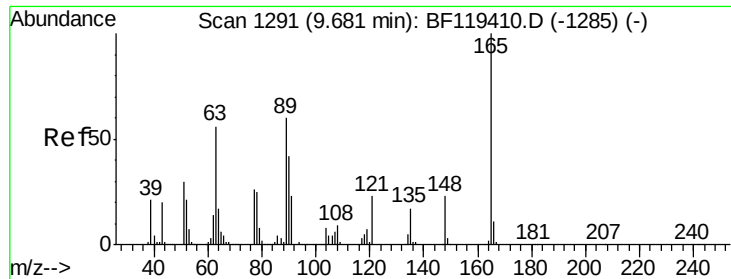


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





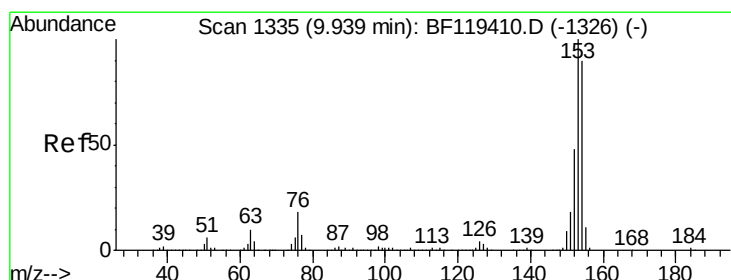
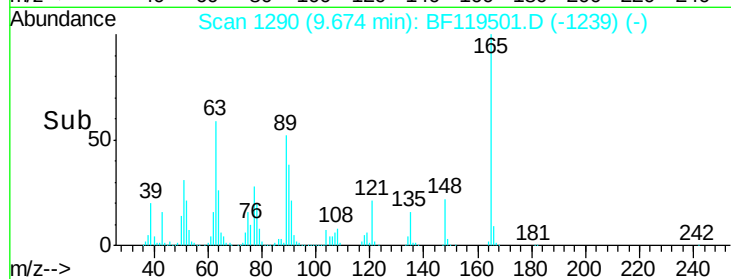
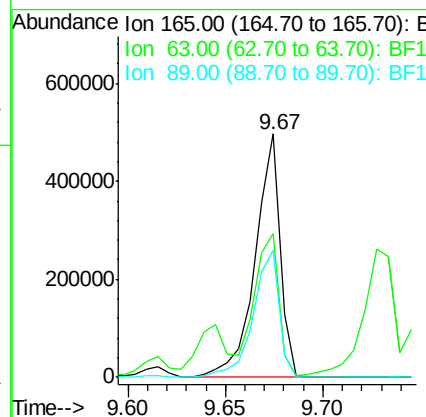
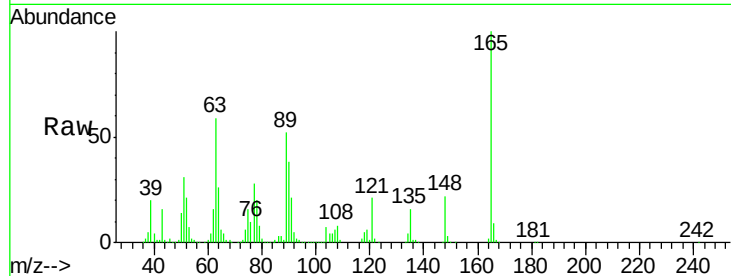
#51
2,6-Dinitrotoluene
Concen: 43.725 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Instrument :
BNA_F
ClientSampleId :
PB127810BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.2	57.3	85.9
89	52.5	47.8	71.8

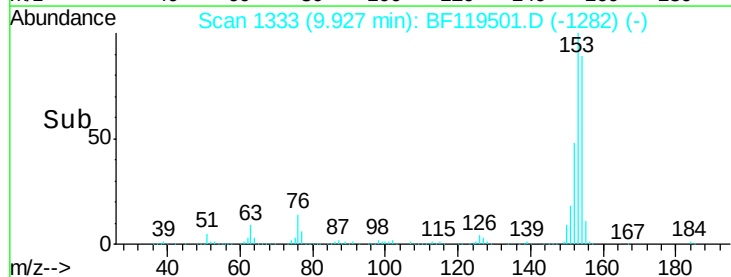
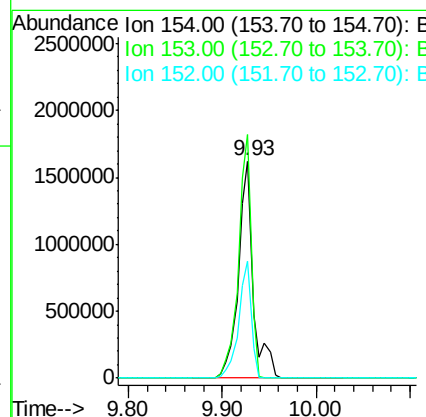
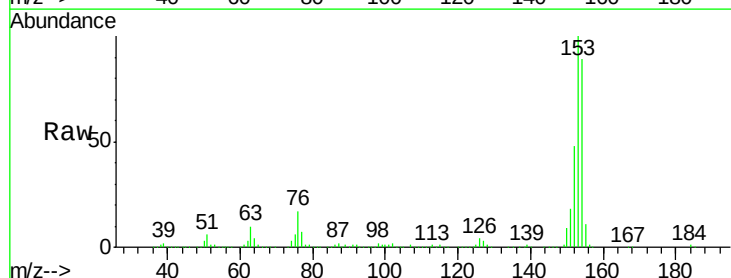
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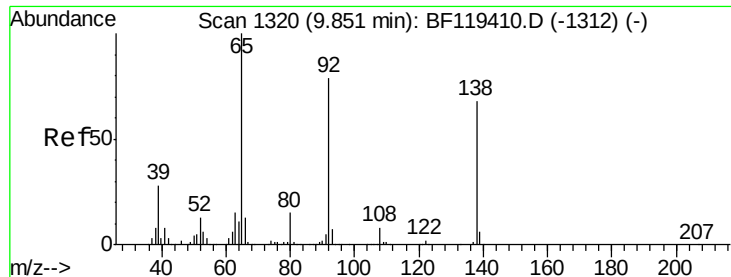
mohammad
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#52
Acenaphthene
Concen: 42.951 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.0	133.6
152	53.8	43.1	64.7





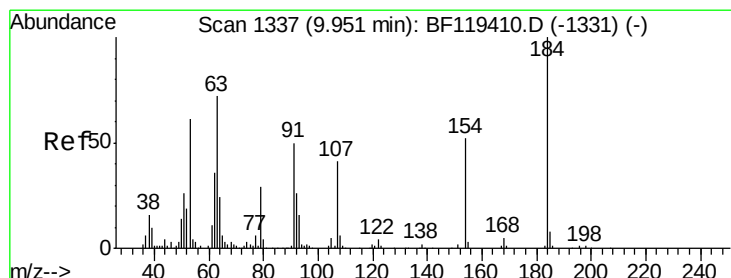
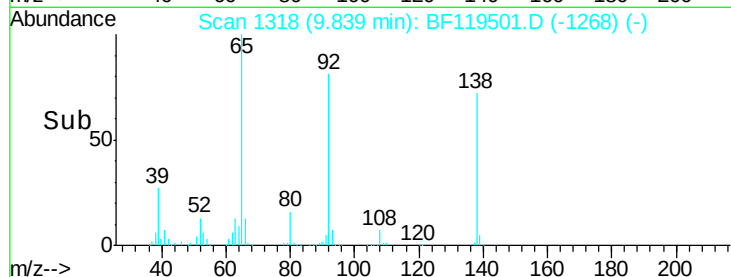
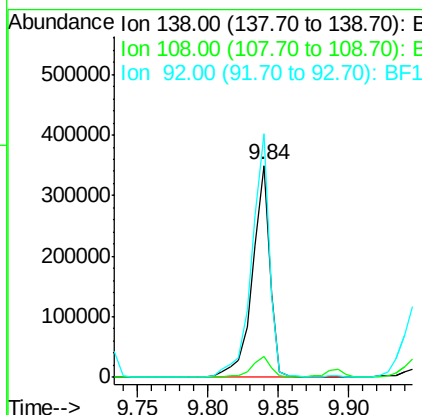
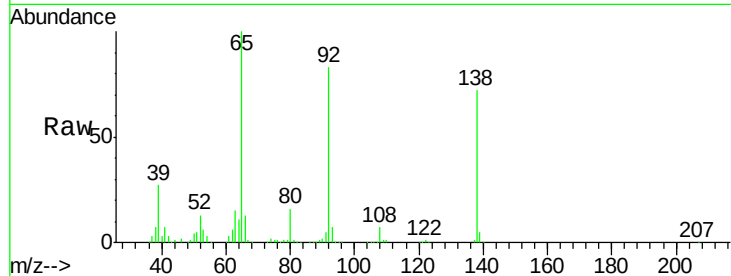
#53
3-Nitroaniline
Concen: 24.014 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Instrument :
BNA_F
ClientSampleId :
PB127810BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.0	13.6
92	114.9	93.2	139.8

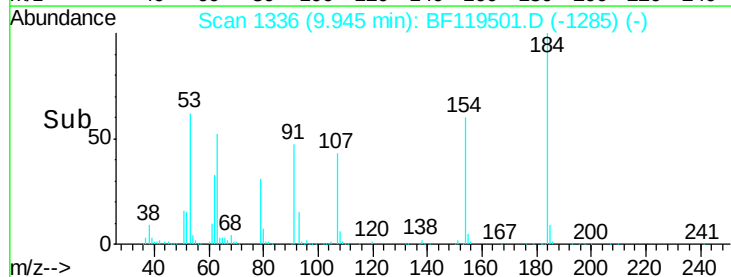
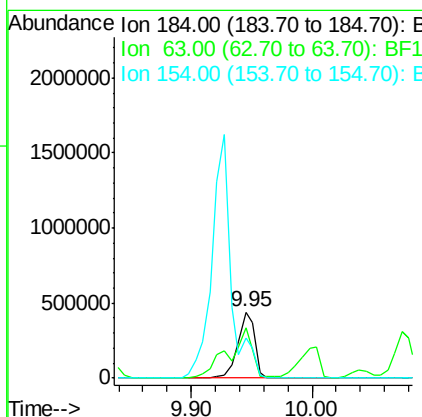
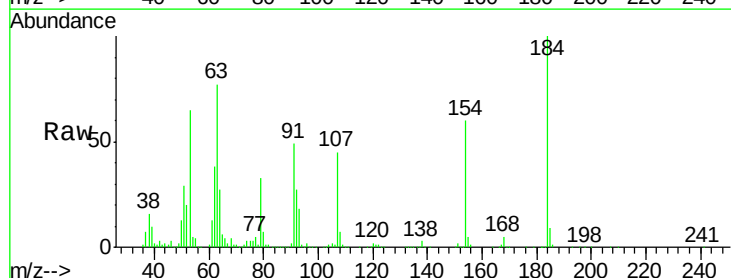
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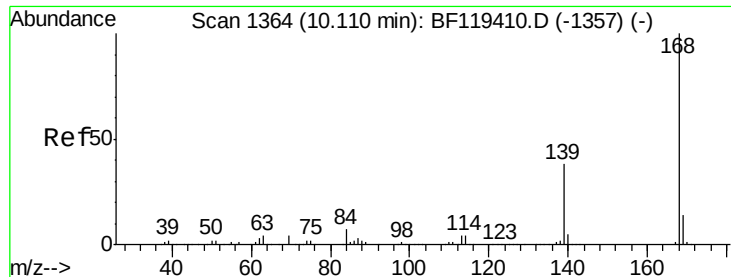
mohammad
3/27/2020 8:11:39 AM



#54
2,4-Dinitrophenol
Concen: 98.285 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	76.7	58.5	87.7
154	60.2	51.8	77.6





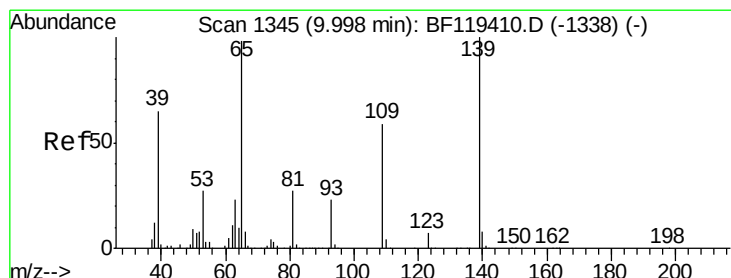
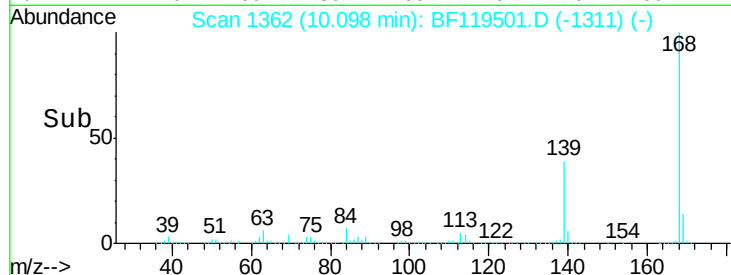
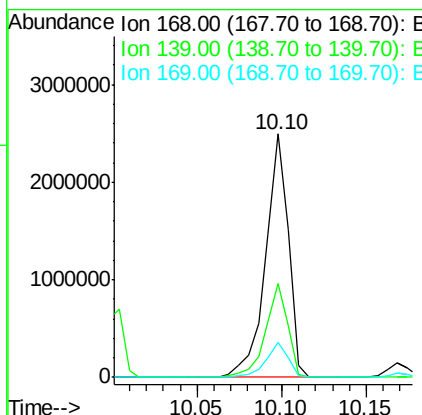
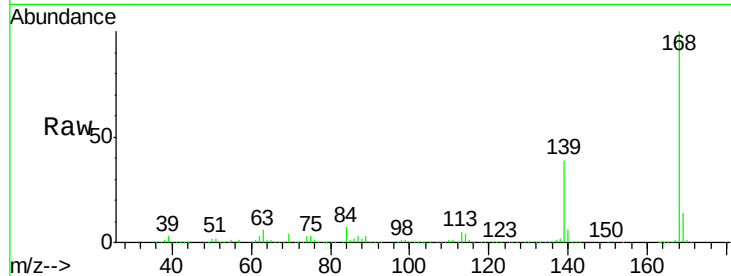
#55
Dibenzofuran
Concen: 38.887 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Instrument :
BNA_F
ClientSampleId :
PB127810BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.2	45.4
169	14.2	11.1	16.7

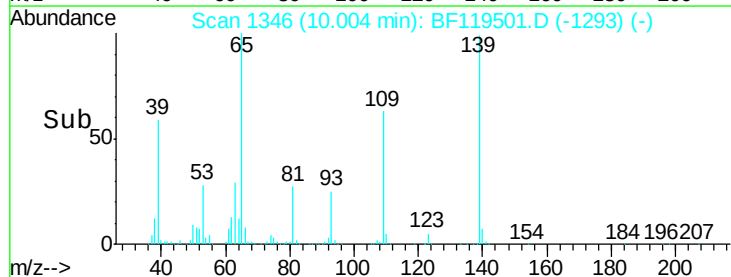
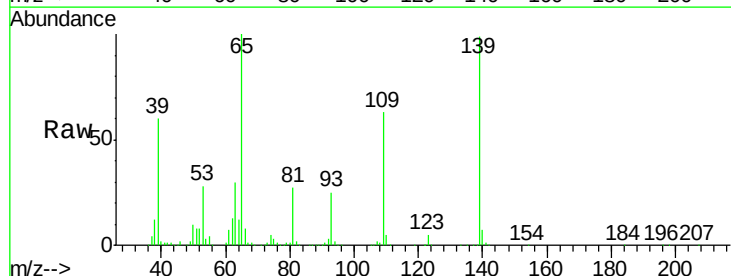
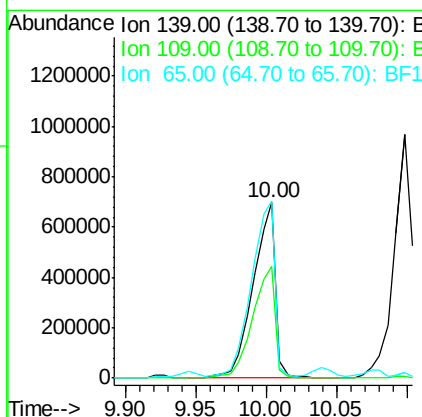
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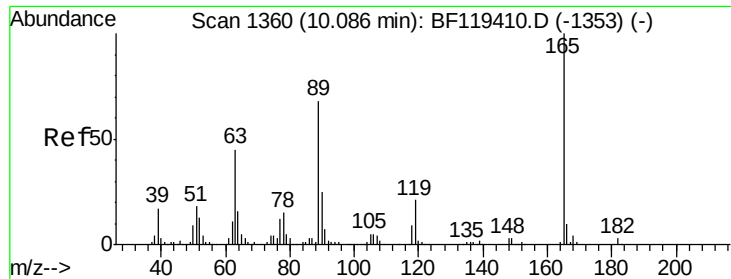
mohammad
3/27/2020 8:11:39 AM



#56
4-Nitrophenol
Concen: 76.611 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.0	39.6	79.6
65	101.0	78.3	118.3





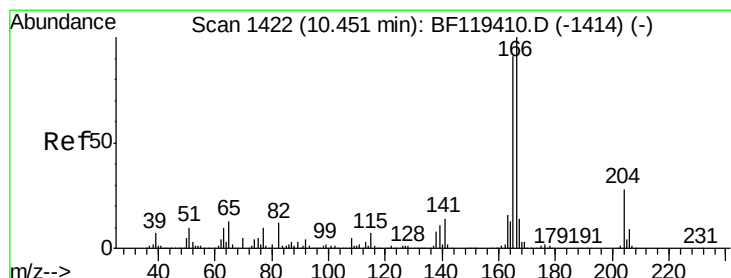
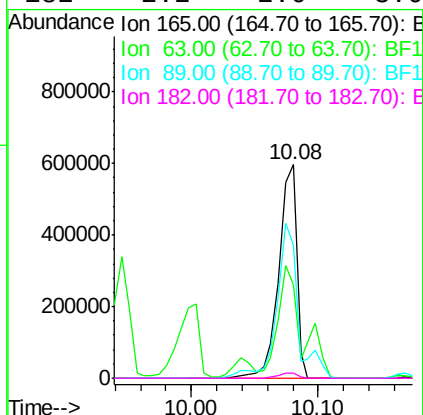
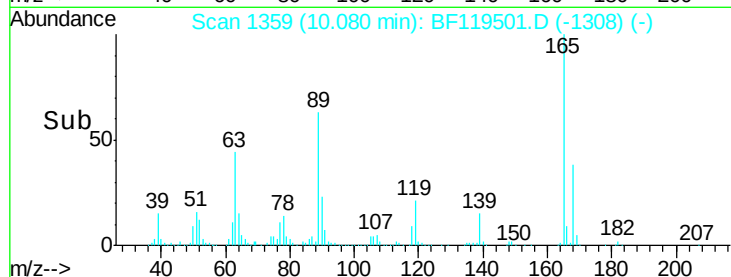
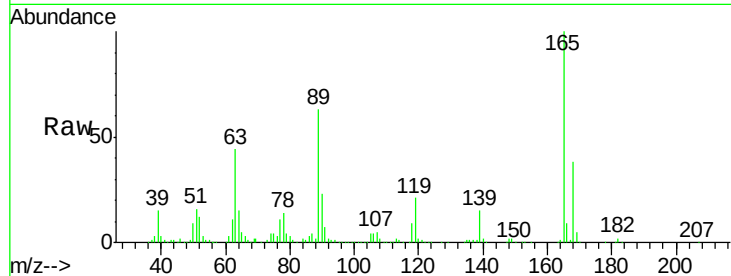
#57
2,4-Dinitrotoluene
Concen: 45.924 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Instrument :
BNA_F
ClientSampleId :
PB127810BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		583719		
63	44.0	36.2	54.4		
89	62.6	54.3	81.5		
182	2.2	2.0	3.0		

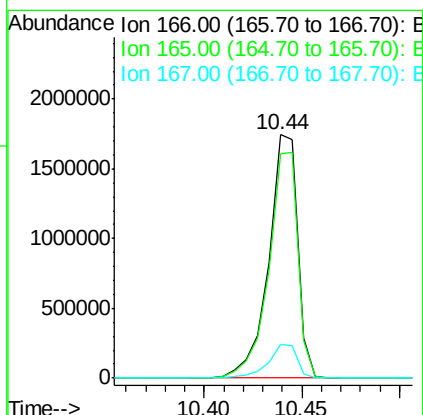
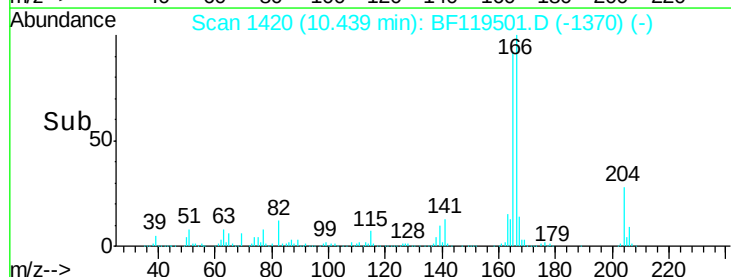
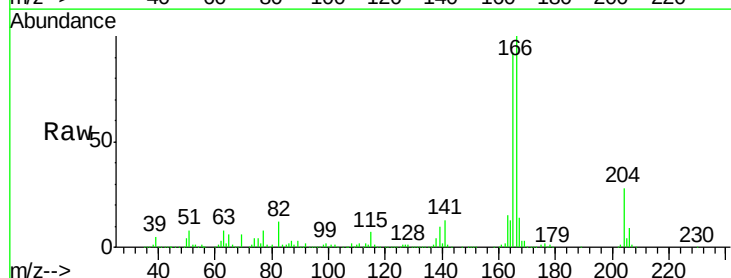
Manual Integrations
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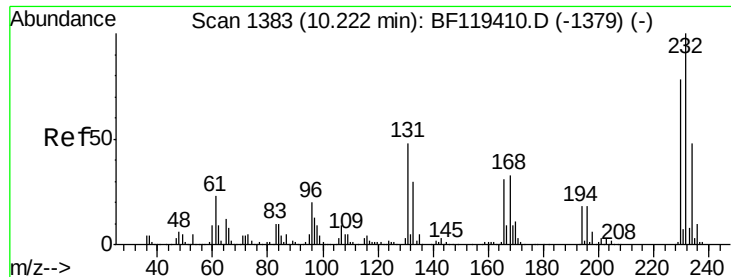
mohammad
3/27/2020 8:11:39 AM



#58
Fluorene
Concen: 40.947 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1796936		
165	92.2	73.1	109.7		
167	13.7	11.0	16.6		





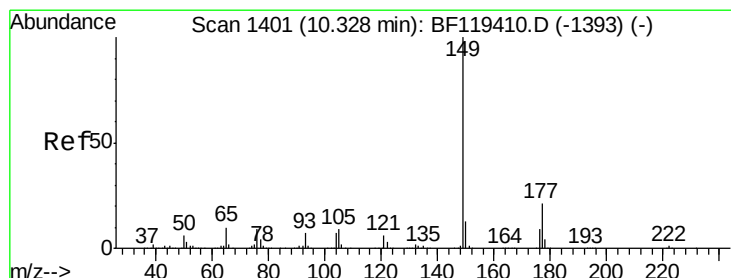
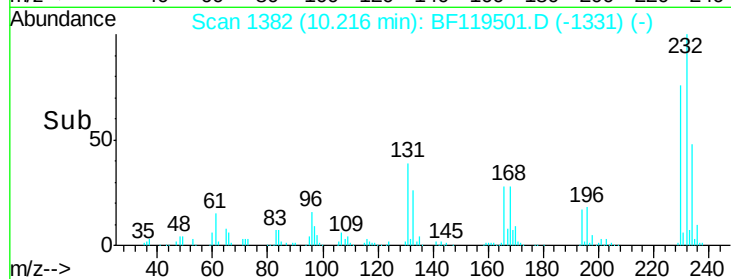
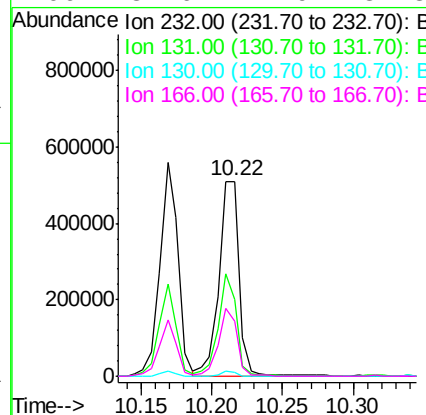
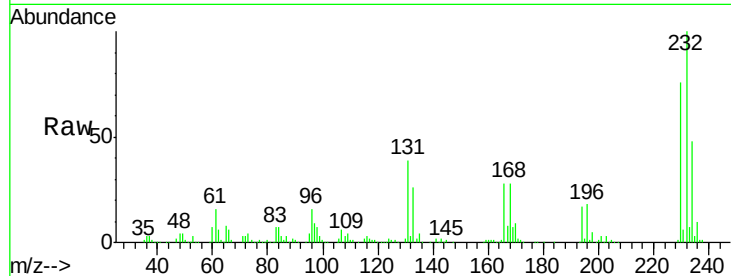
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.760 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF119501.D
 Acq: 25 Mar 2020 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB127810BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	509373		
131	46.9	36.3	54.5	
130	2.2	1.8	2.6	
166	31.6	24.9	37.3	

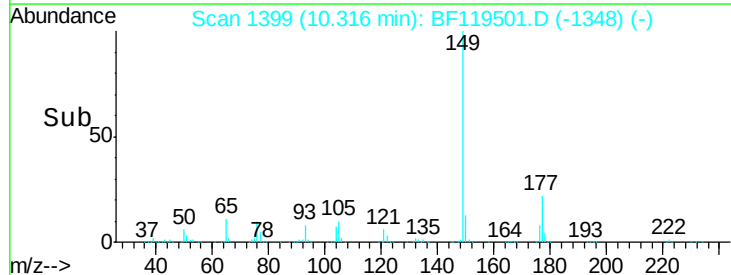
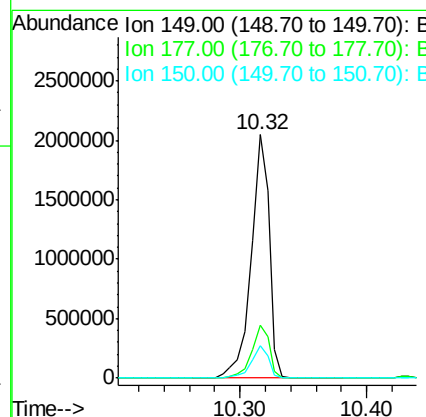
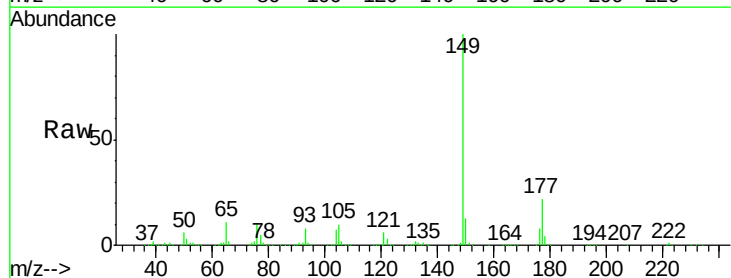
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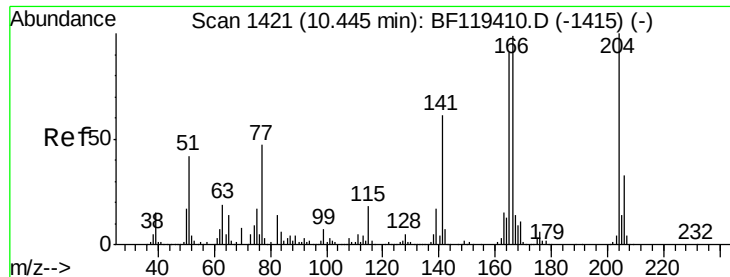
mohammad
 3/27/2020 8:11:39 AM



#60
 Diethylphthalate
 Concen: 42.209 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF119501.D
 Acq: 25 Mar 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2016614		
177	21.5	17.0	25.6	
150	13.2	10.2	15.4	





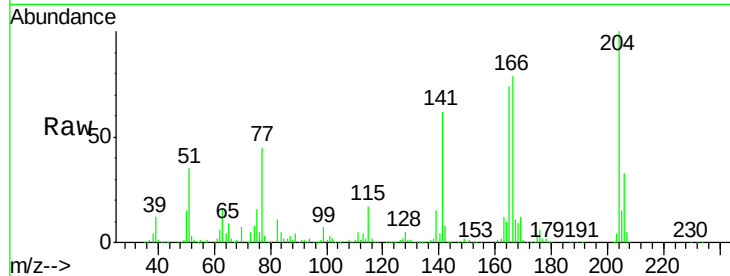
#61
 4-Chlorophenyl-phenylether
 Concen: 40.248 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.00 min
 Lab File: BF119501.D
 Acq: 25 Mar 2020 12:38

Instrument :
 BNA_F
 ClientSampled :
 PB127810BS

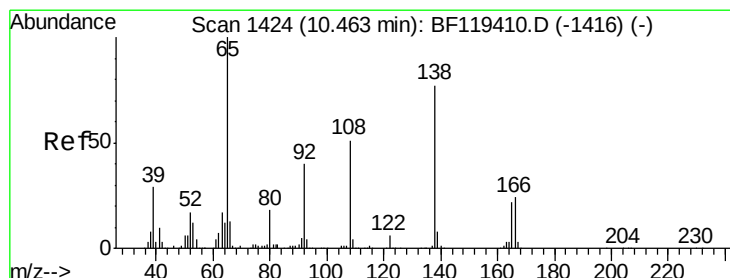
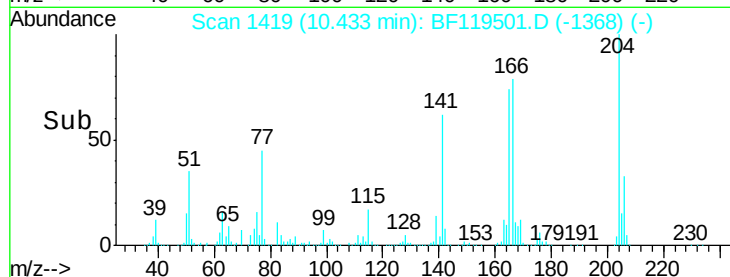
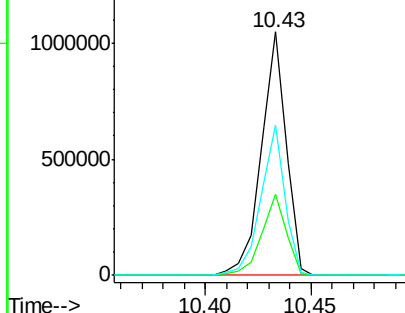
Tot Ion:	204	Resp:	863731
Ion Ratio	Lower	Upper	
204	100		
206	33.4	26.7	40.1
141	61.8	48.8	73.2

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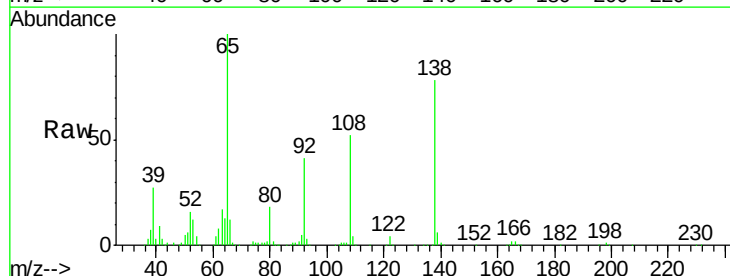


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

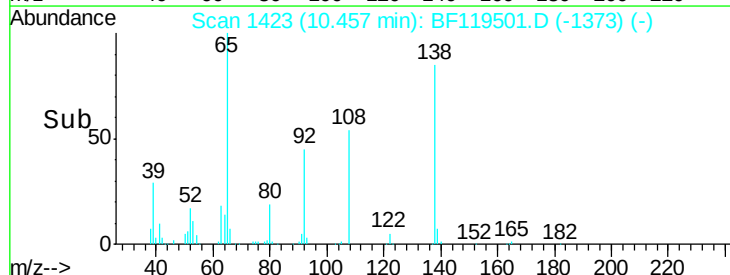
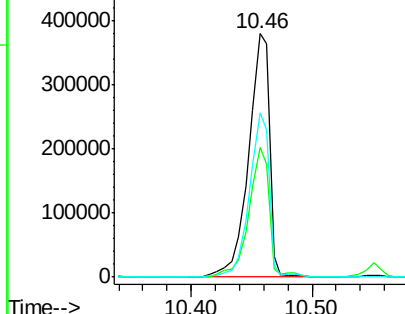


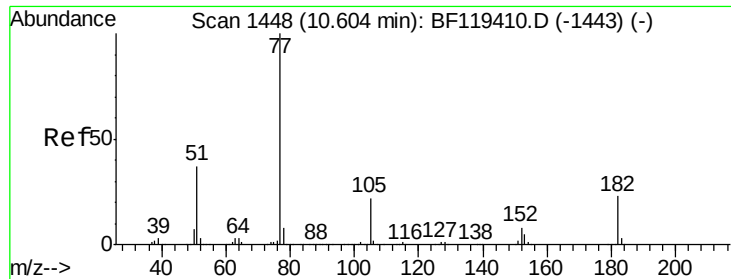
#62
 4-Nitroaniline
 Concen: 37.743 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF119501.D
 Acq: 25 Mar 2020 12:38

Tgt Ion:	138	Resp:	461045
Ion Ratio	Lower	Upper	
138	100		
92	53.1	32.0	72.0
108	67.3	46.0	86.0



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





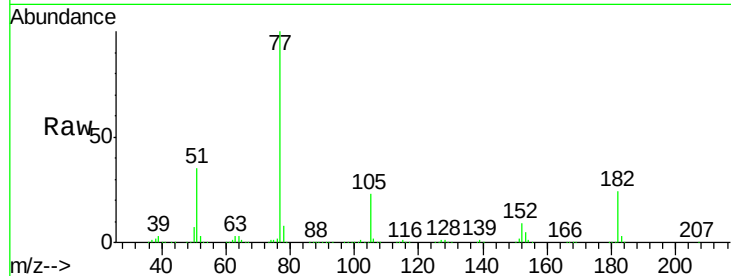
#63
Azobenzene
Concen: 40.017 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Instrument :
BNA_F
ClientSampleId :
PB127810BS

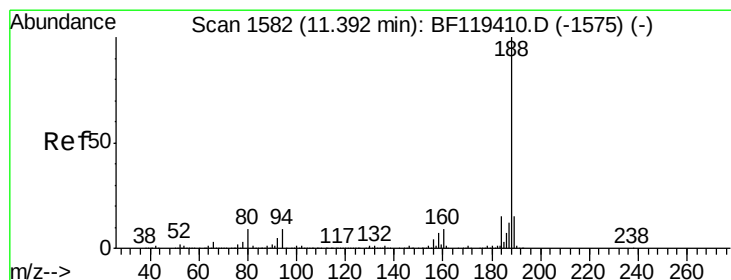
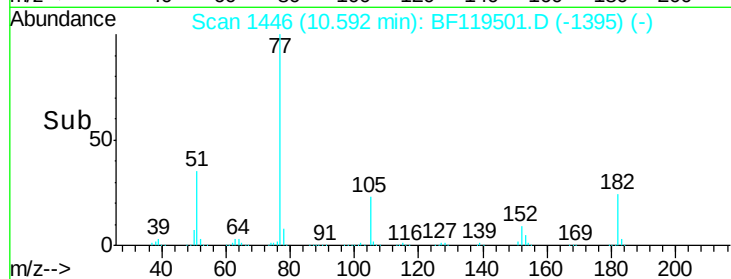
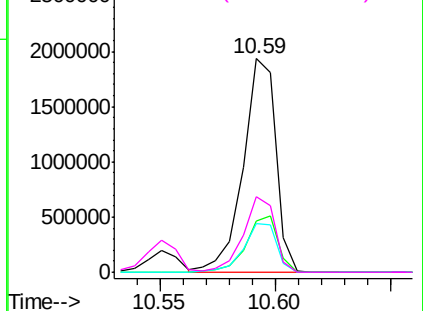
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.7	2.5	42.5	
105	23.0	2.5	42.5	
51	35.4	17.1	57.1	

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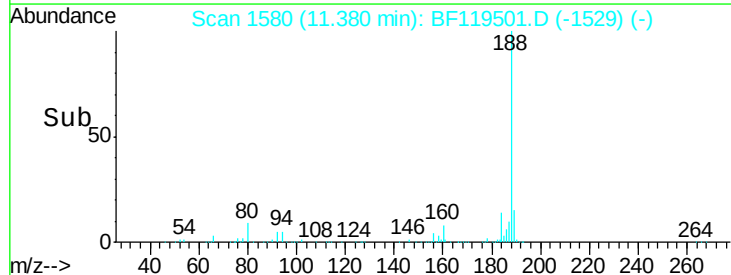
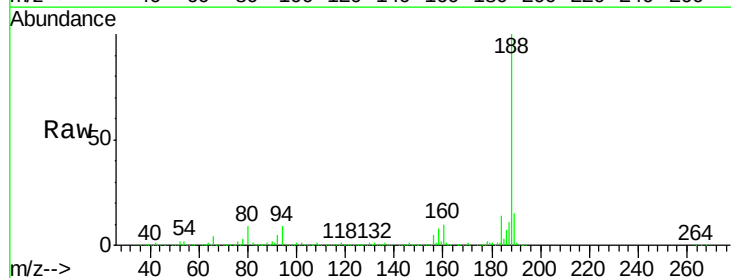
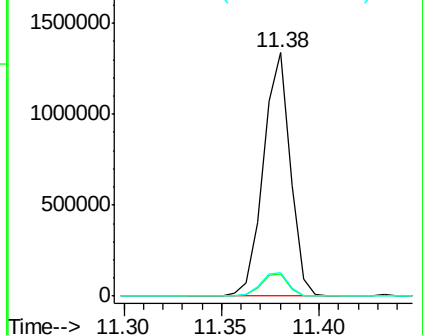
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

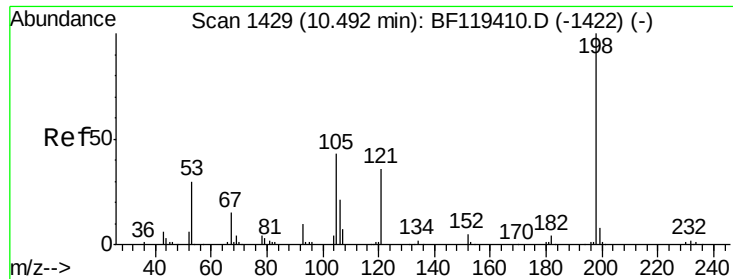


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.0	7.1	10.7	
80	9.5	7.5	11.3	

Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





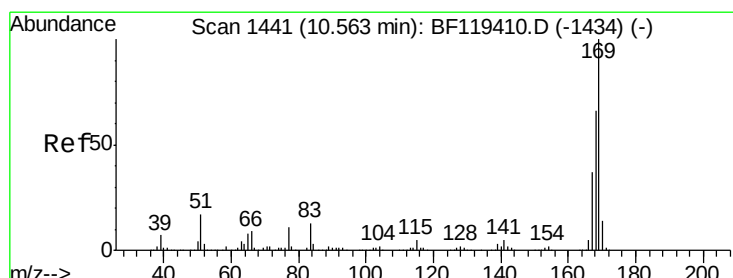
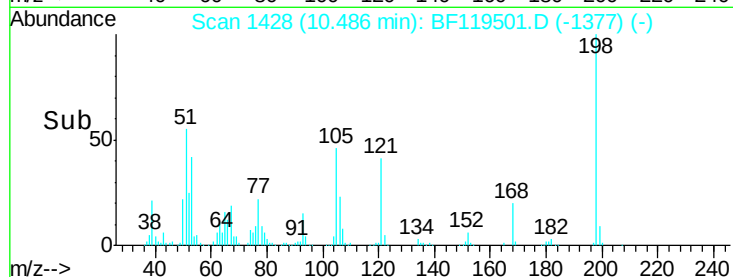
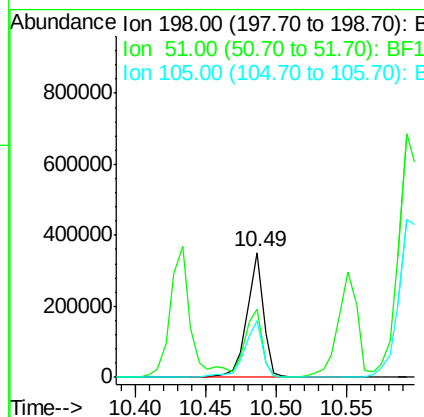
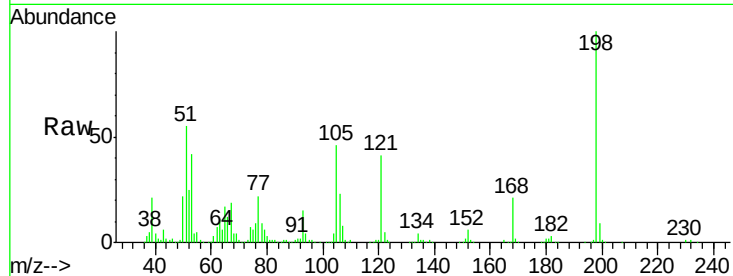
#65
 4,6-Dinitro-2-methylphenol
 Concen: 53.626 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: BF119501.D
 Acq: 25 Mar 2020 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB127810BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	287415		
51	54.5	33.1	73.1	
105	45.8	24.1	64.1	

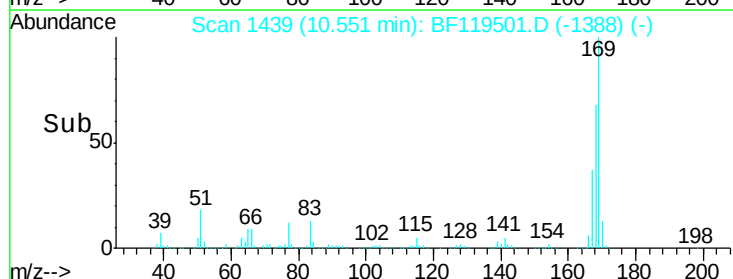
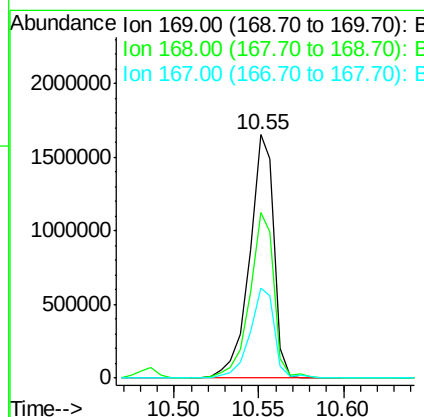
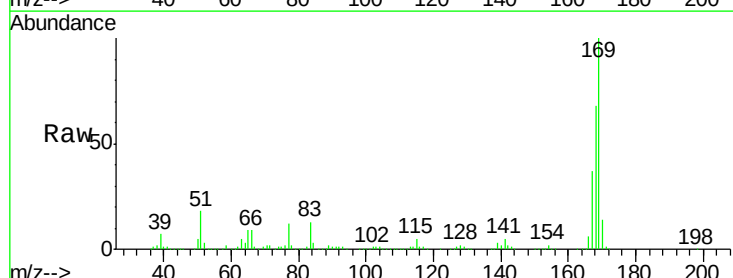
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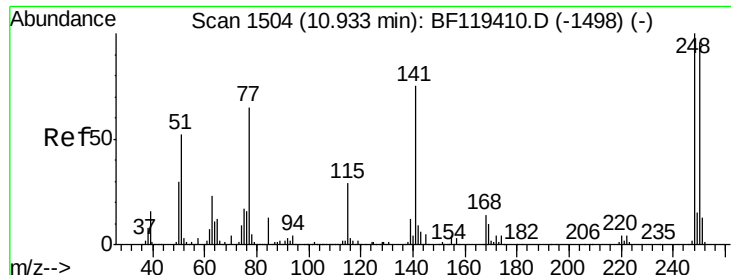
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 39.697 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF119501.D
 Acq: 25 Mar 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1665655		
168	68.0	52.7	79.1	
167	36.7	29.3	43.9	





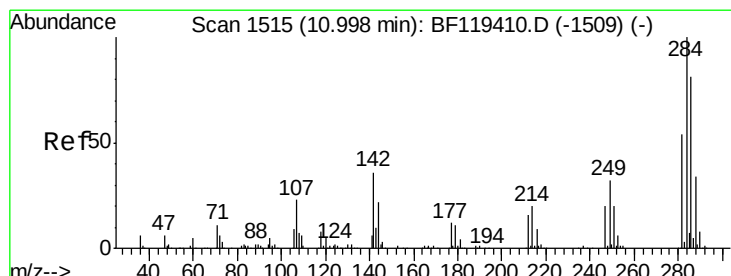
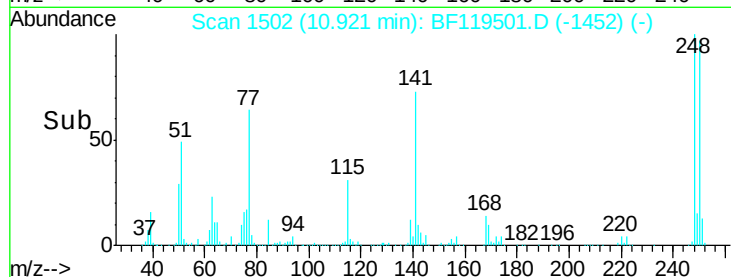
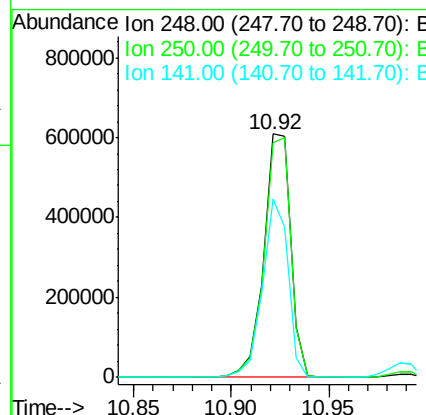
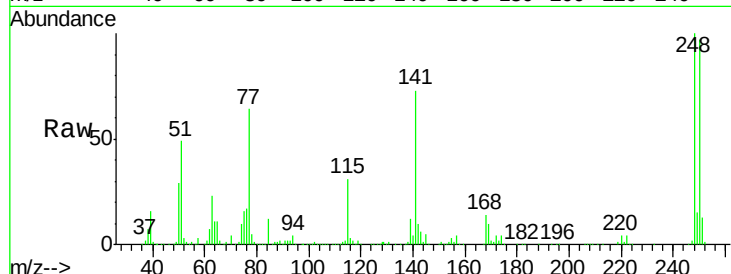
#67
 4-Bromophenyl-phenylether
 Concen: 39.892 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. -0.01 min
 Lab File: BF119501.D
 Acq: 25 Mar 2020 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB127810BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	77.0	115.6
141	73.1	59.7	89.5

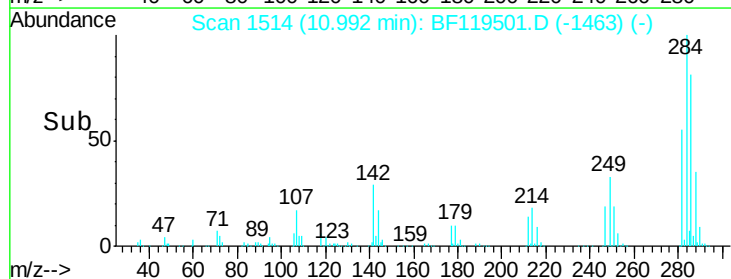
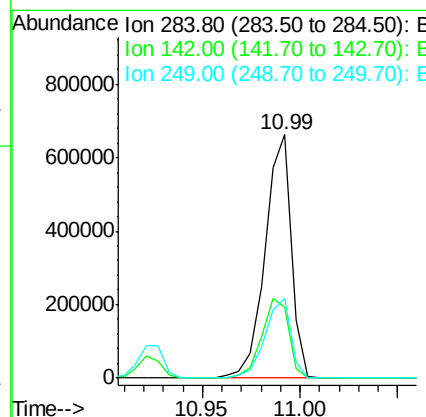
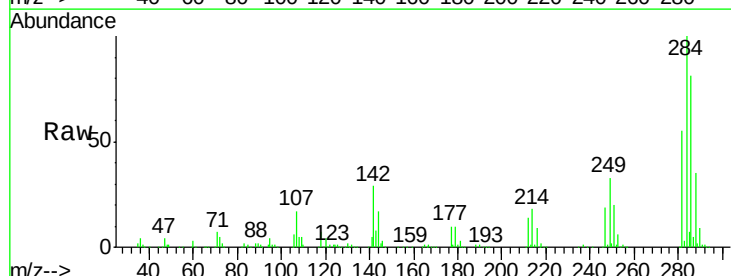
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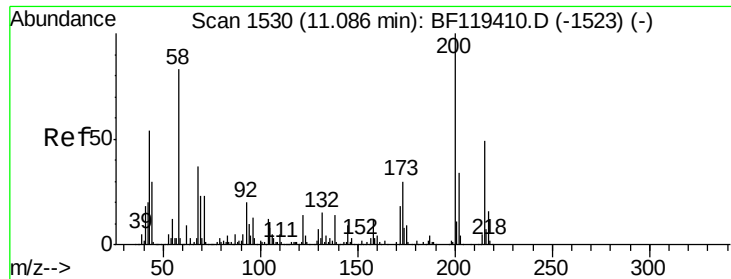
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#68
 Hexachlorobenzene
 Concen: 41.346 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF119501.D
 Acq: 25 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.3	28.7	43.1
249	32.8	25.4	38.0





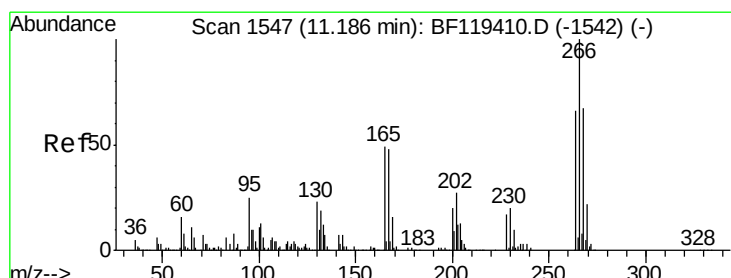
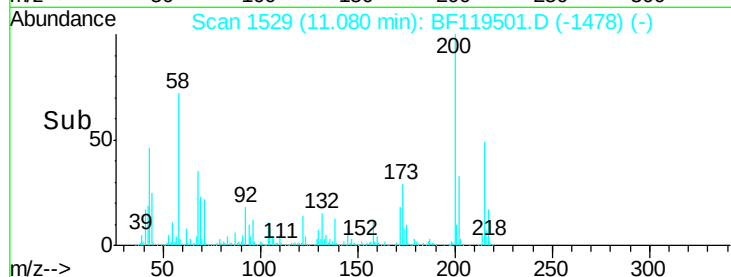
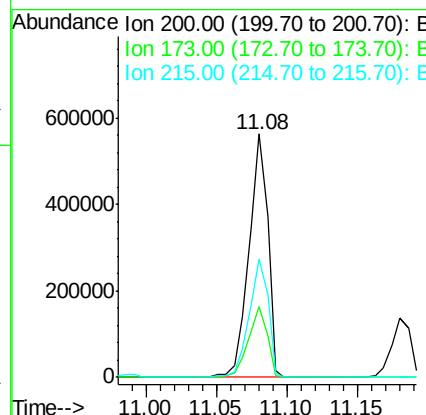
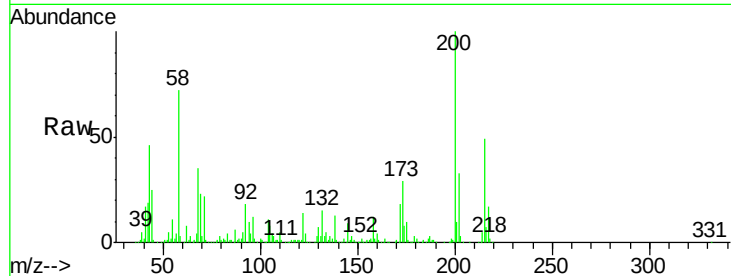
#69
Atrazine
Concen: 45.729 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Instrument :
BNA_F
ClientSampleId :
PB127810BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.1	9.9	49.9
215	48.5	29.4	69.4

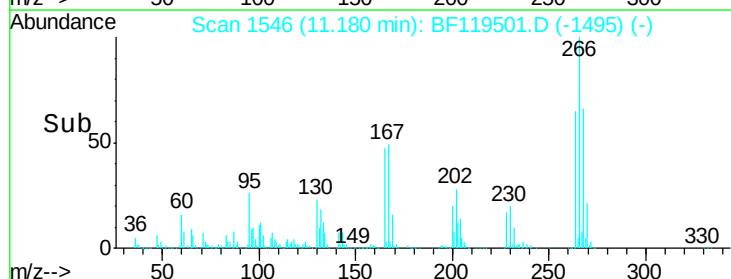
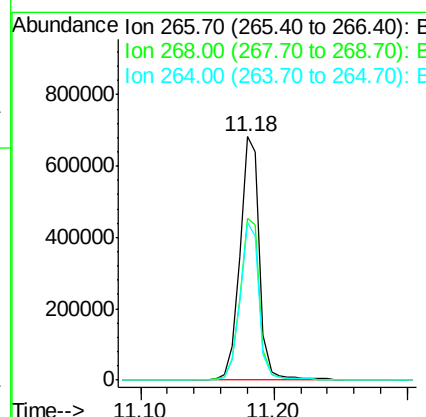
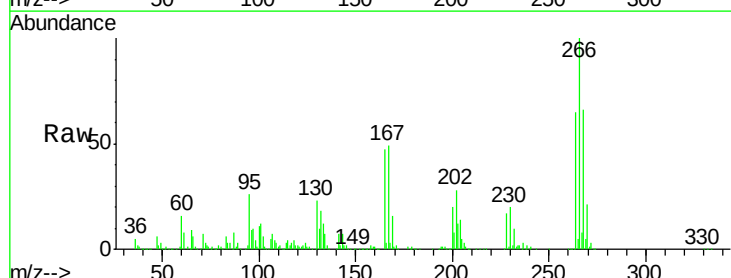
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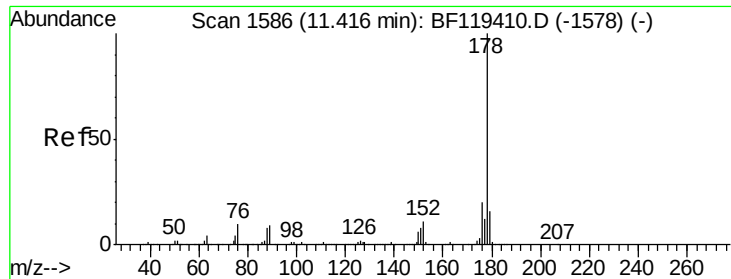
mohammad
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#70
Pentachlorophenol
Concen: 80.164 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.3	53.7	80.5
264	64.8	52.5	78.7





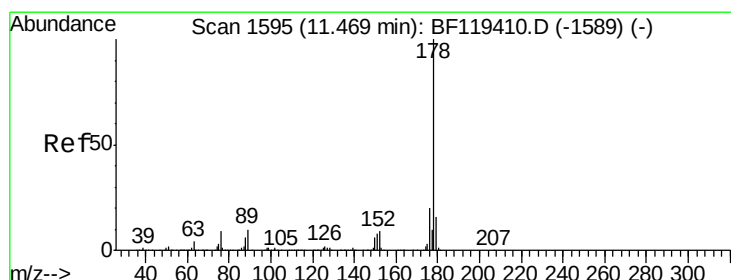
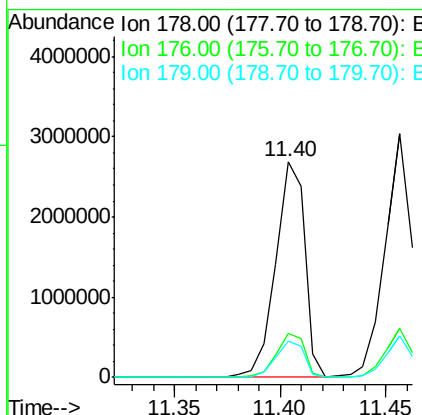
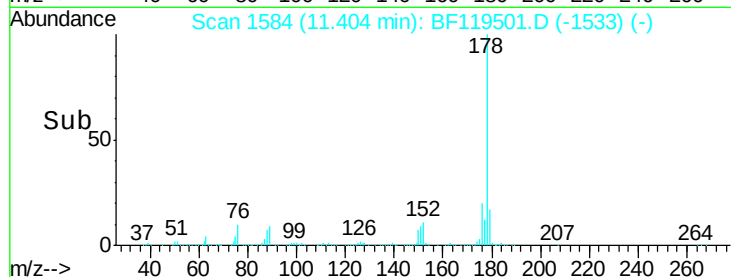
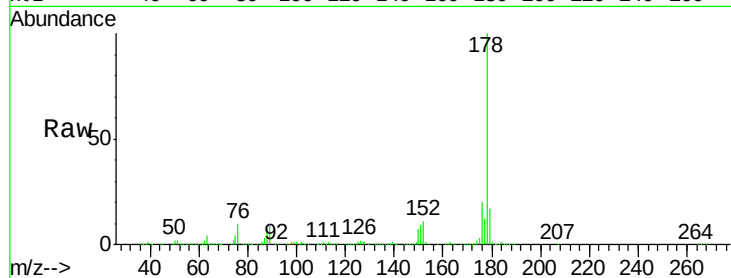
#71
Phenanthrene
Concen: 39.104 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Instrument :
BNA_F
ClientSampleId :
PB127810BS

Tot Ion:178 Resp: 2591610
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 16.8 12.9 19.3

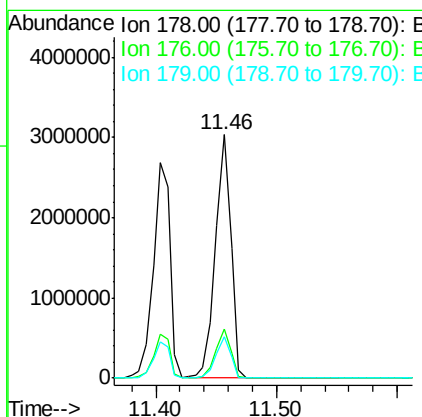
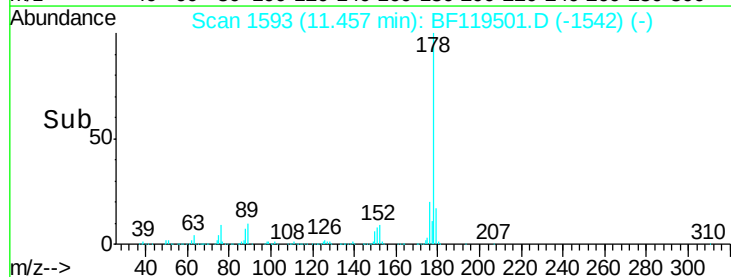
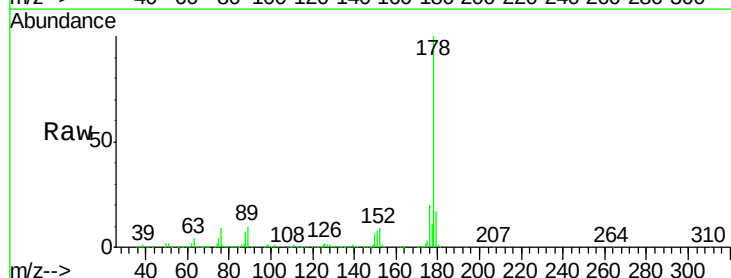
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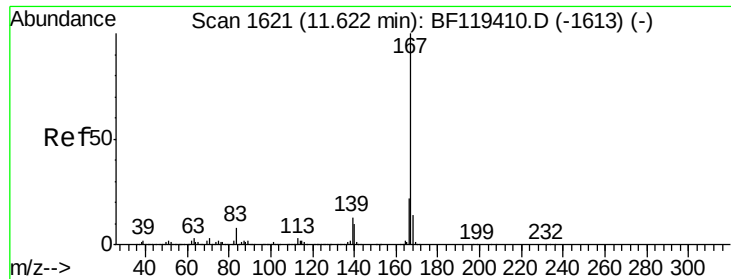
mohammad
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#72
Anthracene
Concen: 39.651 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Tgt Ion:178 Resp: 2670781
Ion Ratio Lower Upper
178 100
176 20.2 15.6 23.4
179 17.0 13.1 19.7





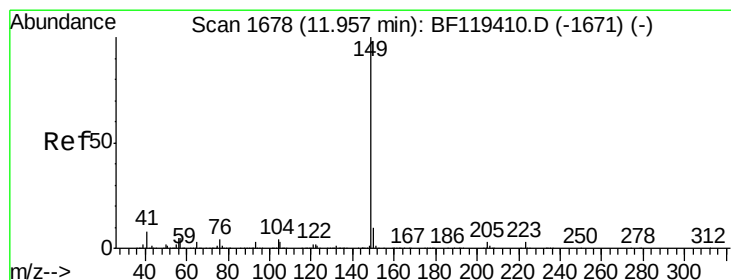
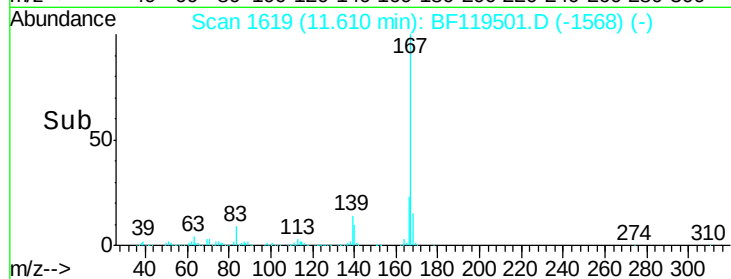
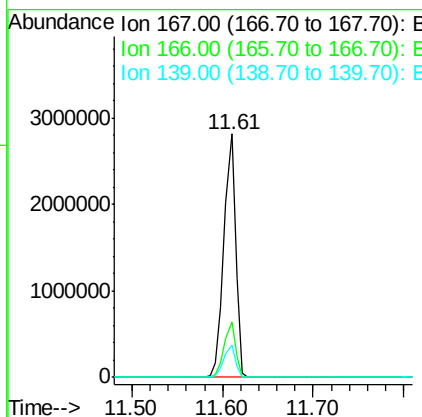
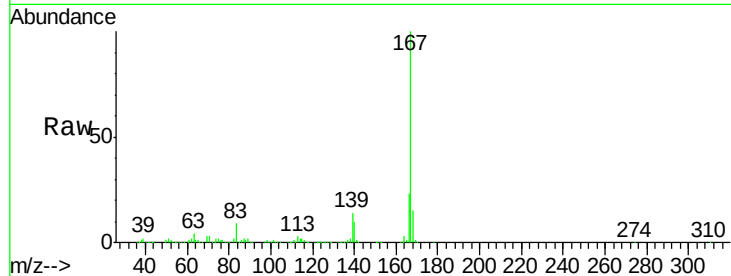
#73
 Carbazole
 Concen: 37.400 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BF119501.D
 Acq: 25 Mar 2020 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB127810BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.8	26.6
139	13.6	10.2	15.4

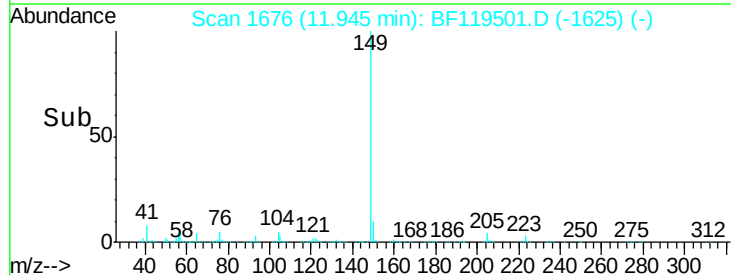
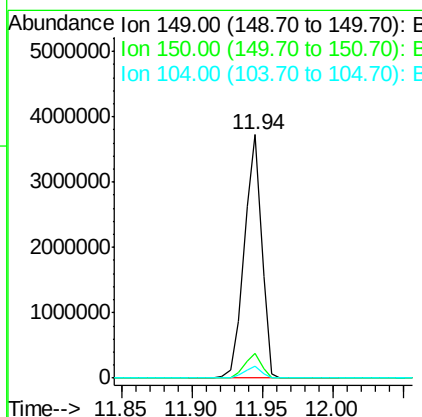
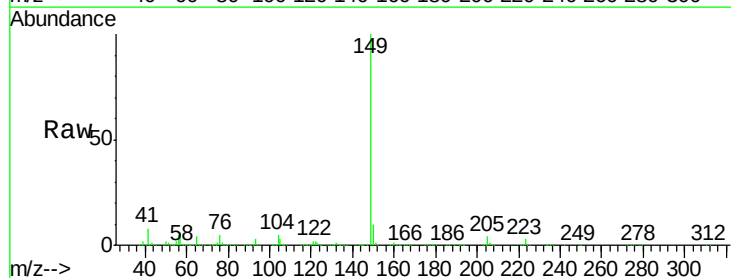
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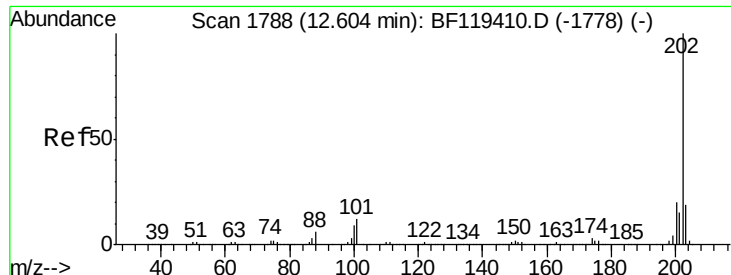
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#74
 Di-n-butylphthalate
 Concen: 44.567 ng
 RT: 11.94 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: BF119501.D
 Acq: 25 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.6	11.4
104	5.0	3.5	5.3





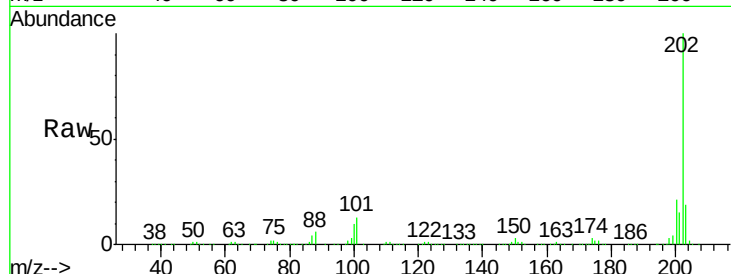
#75
 Fluoranthene
 Concen: 40.322 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BF119501.D
 Acq: 25 Mar 2020 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB127810BS

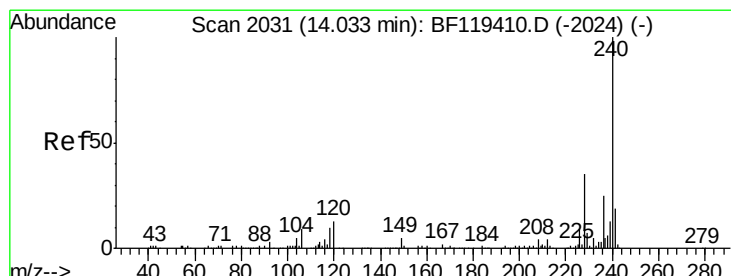
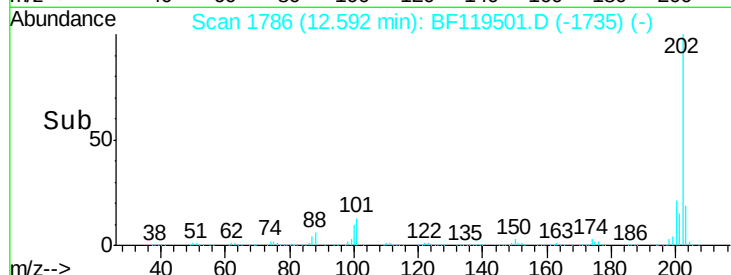
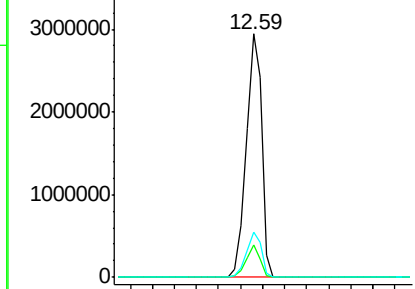
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	32.4
203	18.6	0.0	38.5

Manual Integrations
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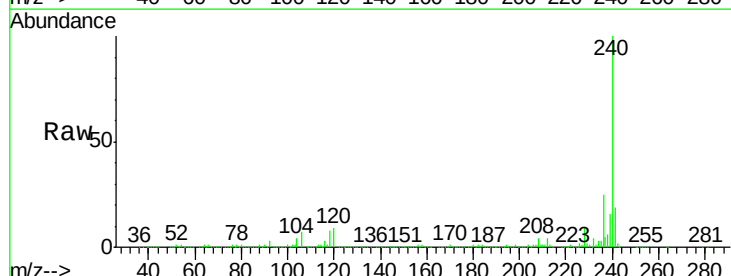


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

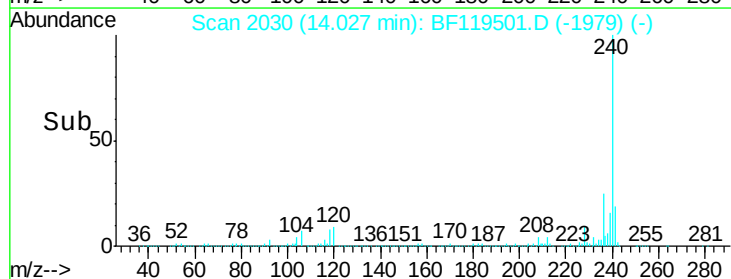
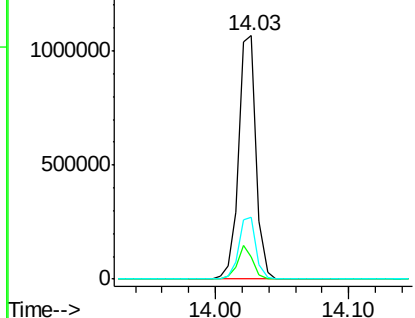


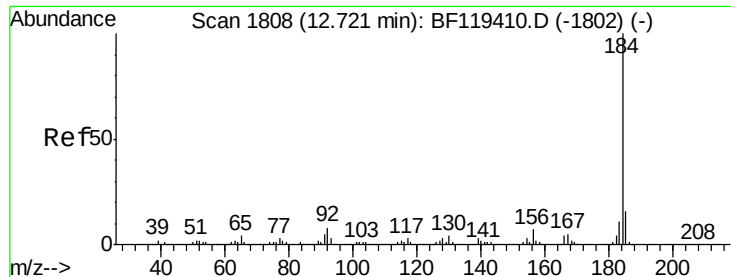
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BF119501.D
 Acq: 25 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.0	10.2	15.4#
236	25.2	20.4	30.6



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.383 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF119501.D

Acq: 25 Mar 2020 12:38

Instrument :

BNA_F

ClientSampleId :

PB127810BS

Tot Ion:184 Resp: 1419200

Ion Ratio Lower Upper

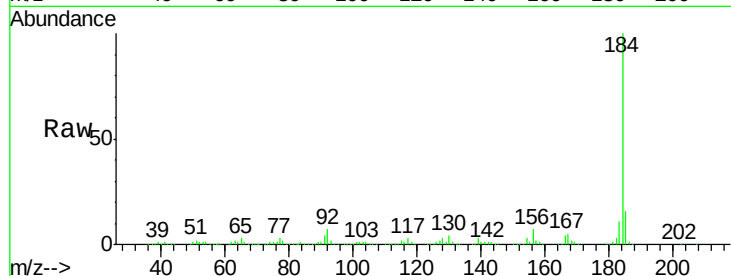
184 100

185 15.5 12.9 19.3

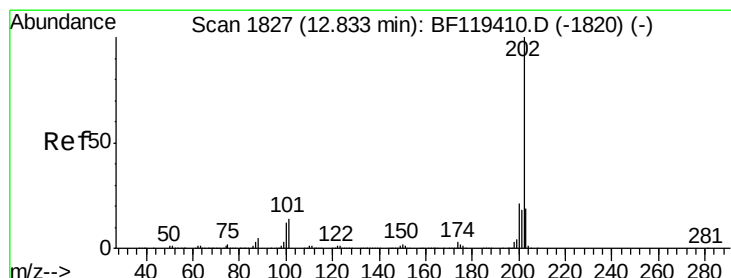
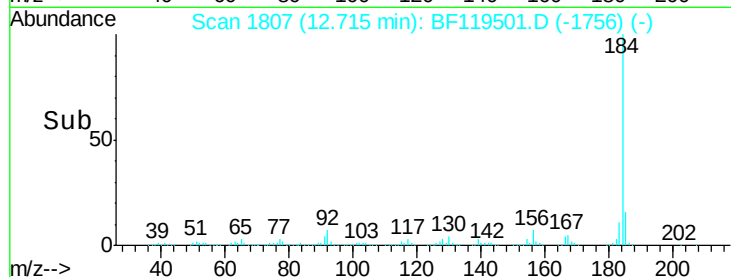
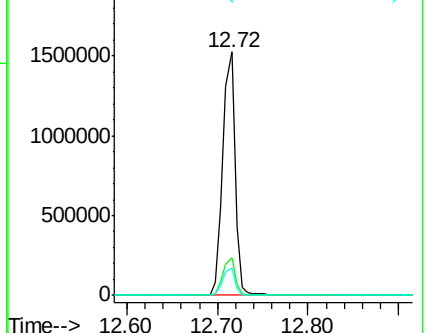
183 11.3 9.0 13.4

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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: 36.801 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119501.D

Acq: 25 Mar 2020 12:38

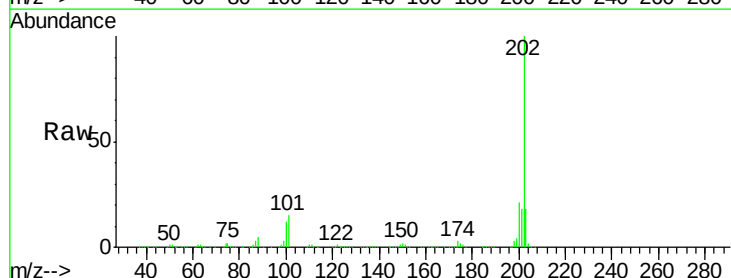
Tgt Ion:202 Resp: 2945686

Ion Ratio Lower Upper

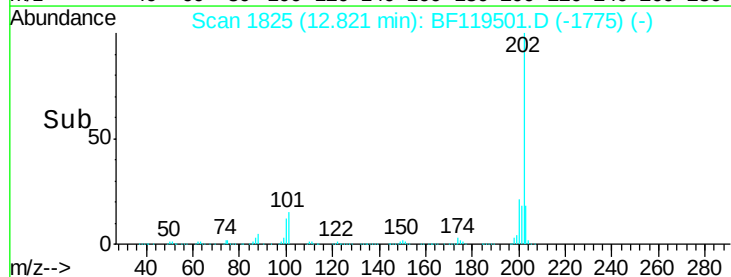
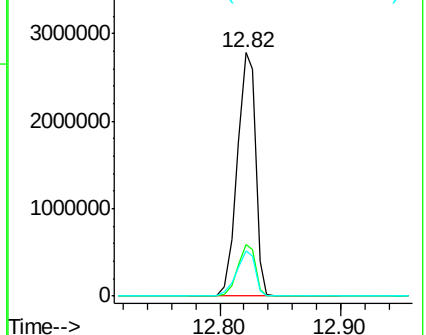
202 100

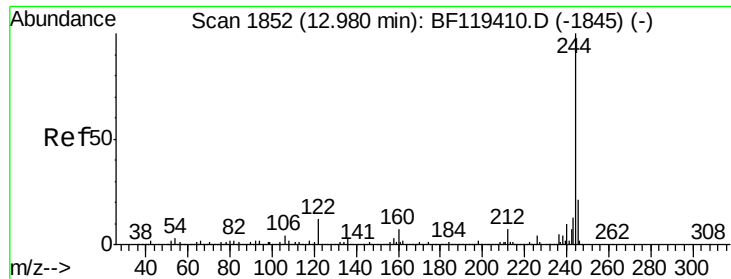
200 21.0 16.8 25.2

203 18.5 14.8 22.2



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





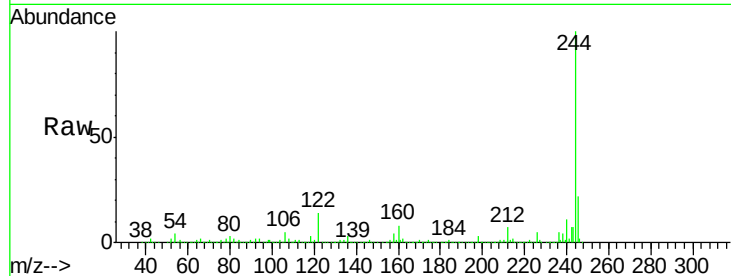
#79
 Terphenyl-d14
 Concen: 78.797 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BF119501.D
 Acq: 25 Mar 2020 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB127810BS

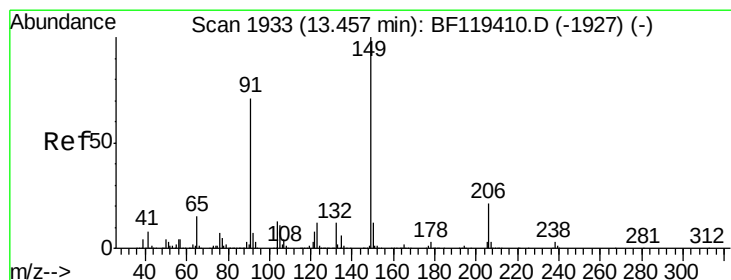
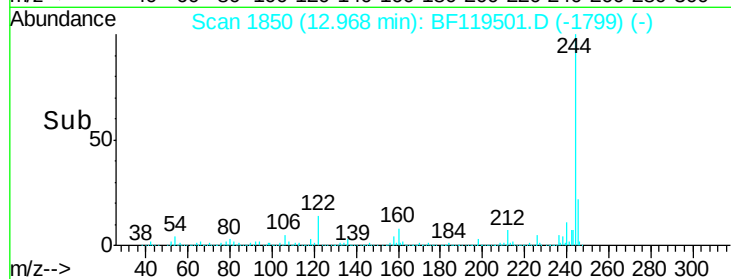
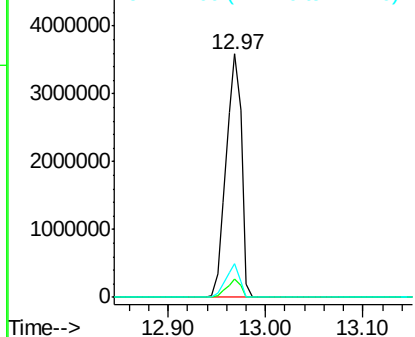
Tot Ion:244 Resp: 3922642
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 13.7 9.8 14.8

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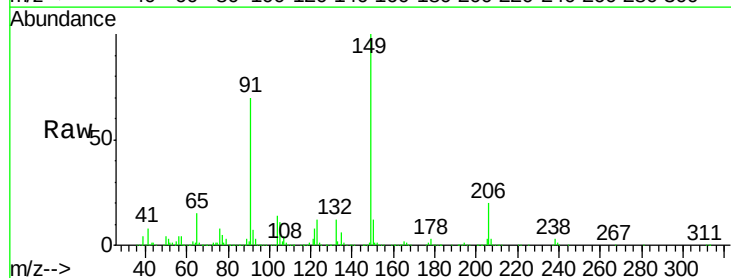


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

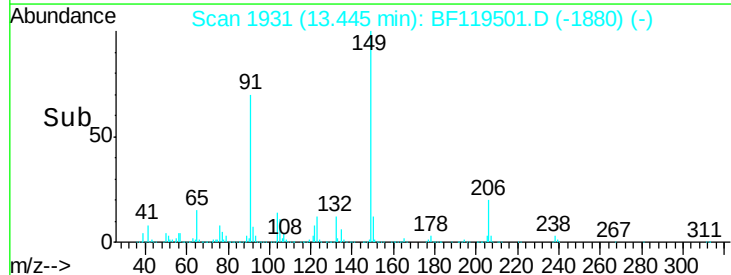
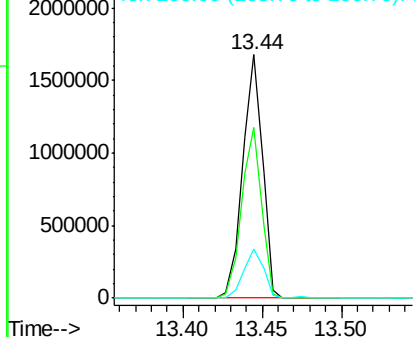


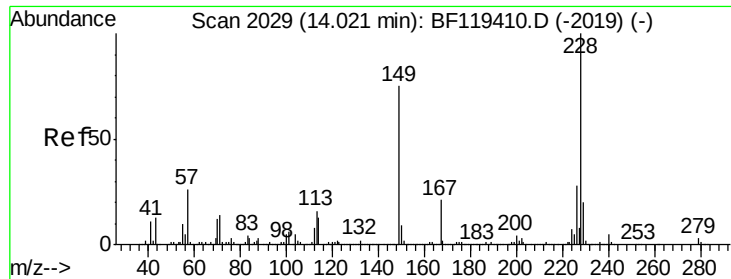
#80
 Butylbenzylphthalate
 Concen: 44.646 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: BF119501.D
 Acq: 25 Mar 2020 12:38

Tgt Ion:149 Resp: 1445374
 Ion Ratio Lower Upper
 149 100
 91 70.2 57.0 85.6
 206 20.1 16.4 24.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





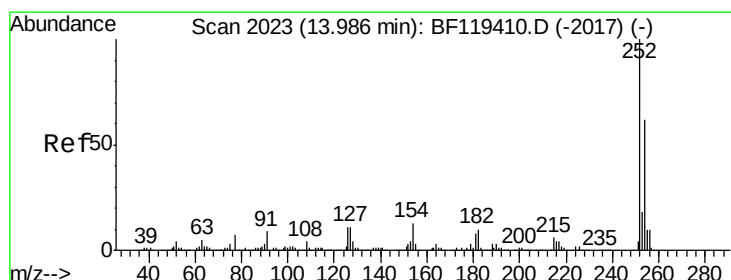
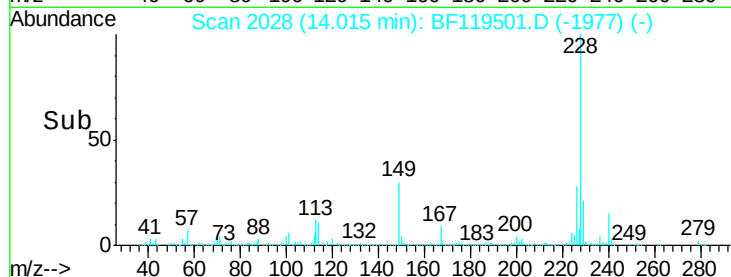
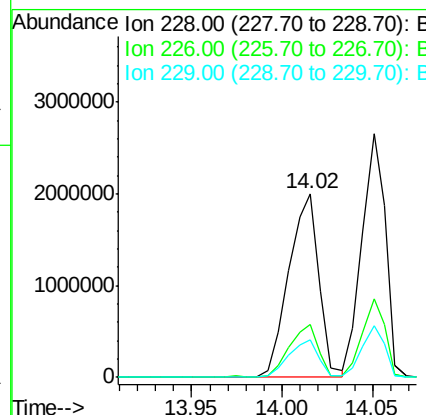
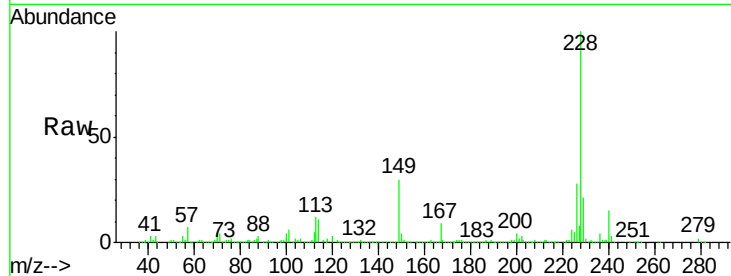
#81
Benzo(a)anthracene
Concen: 36.791 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Instrument :
BNA_F
ClientSampleId :
PB127810BS

Tot Ion:228 Resp: 2333422
Ion Ratio Lower Upper
228 100
226 28.5 22.3 33.5
229 20.7 16.3 24.5

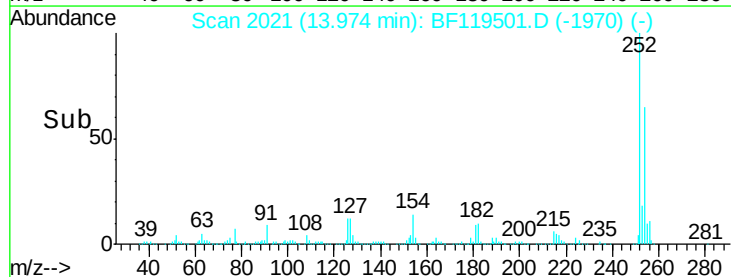
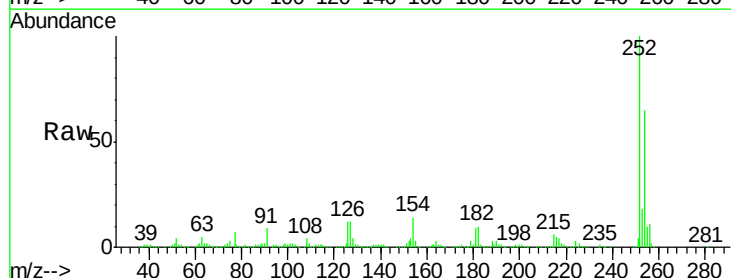
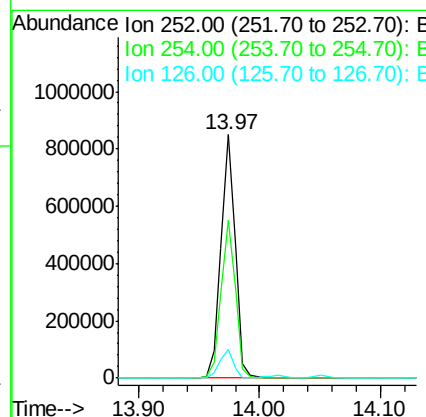
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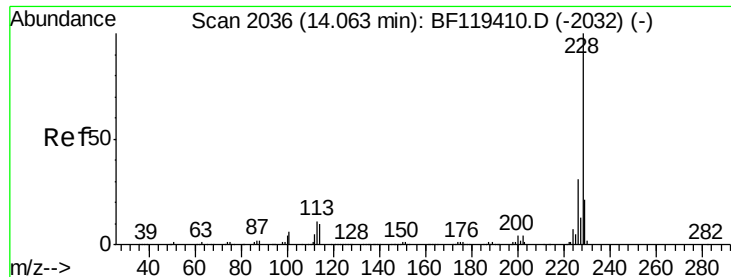
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#82
3,3'-Dichlorobenzidine
Concen: 27.176 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Tgt Ion:252 Resp: 679611
Ion Ratio Lower Upper
252 100
254 64.7 49.8 74.8
126 11.7 8.9 13.3





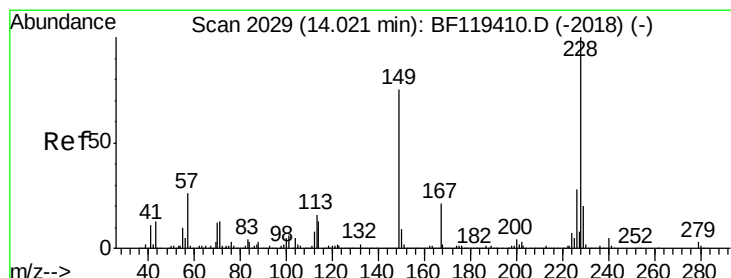
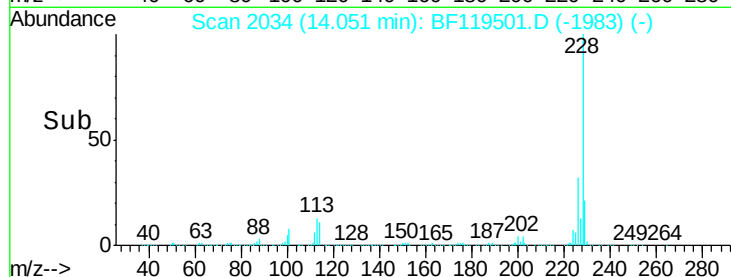
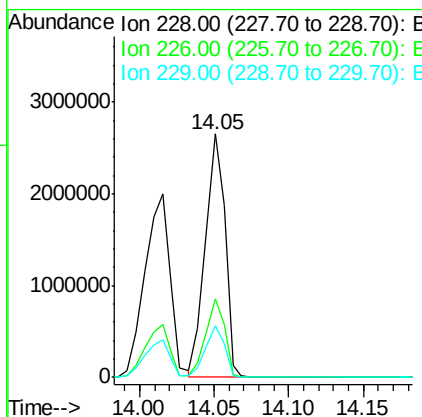
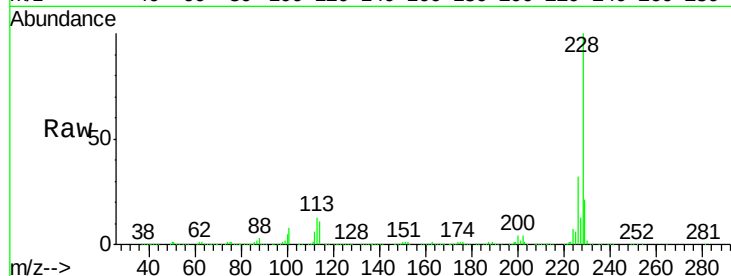
#83
 Chrysene
 Concen: 36.704 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BF119501.D
 Acq: 25 Mar 2020 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB127810BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.8	37.2
229	21.5	16.6	25.0

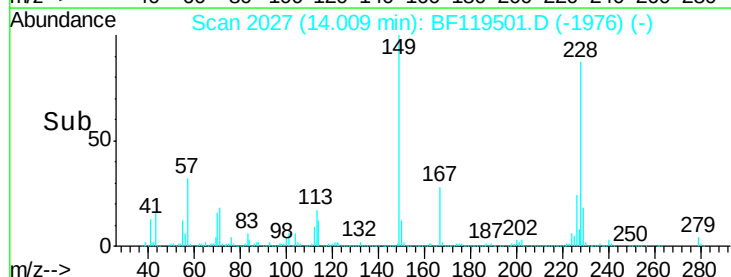
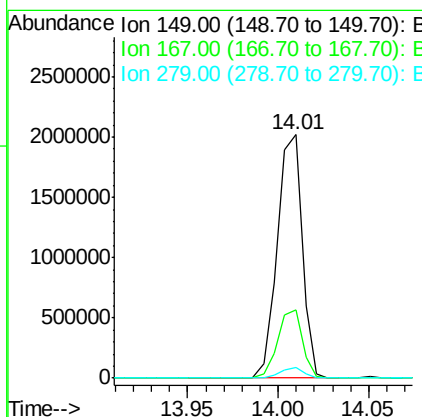
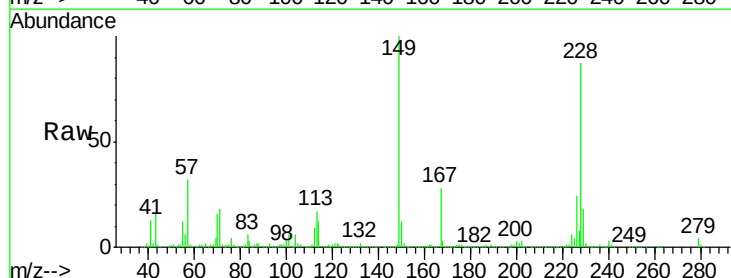
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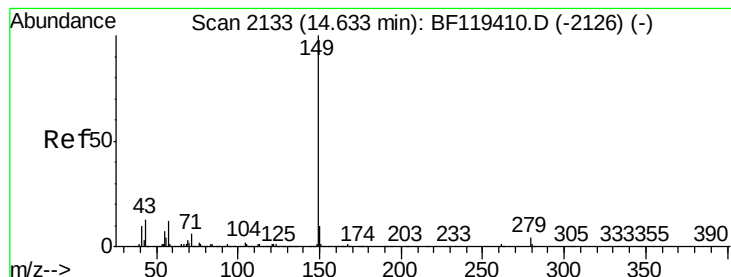
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.115 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF119501.D
 Acq: 25 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.0	33.0
279	4.4	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 50.835 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BF119501.D

Acq: 25 Mar 2020 12:38

Instrument :

BNA_F

ClientSampleId :

PB127810BS

Tot Ion:149 Resp: 3450320

Ion Ratio Lower Upper

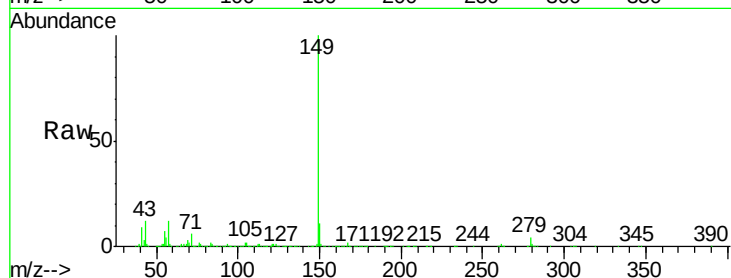
149 100

167 1.6 1.1 1.7

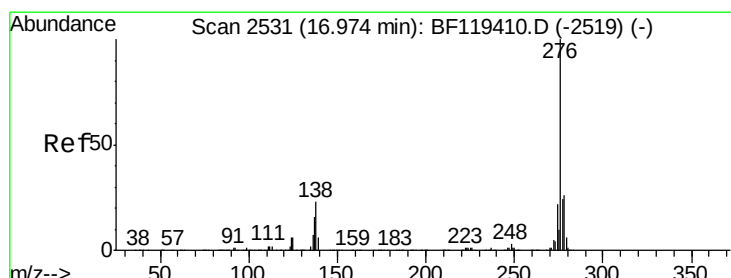
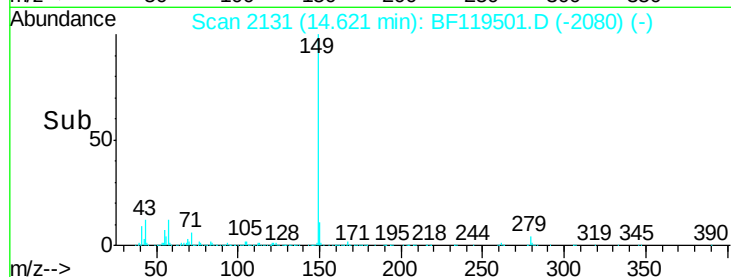
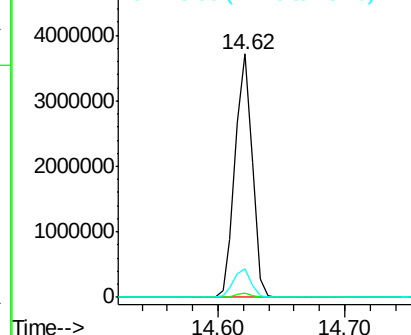
43 11.8 10.1 15.1

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Abundance Ion 149.00 (148.70 to 149.70): E
5000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.020 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.00 min

Lab File: BF119501.D

Acq: 25 Mar 2020 12:38

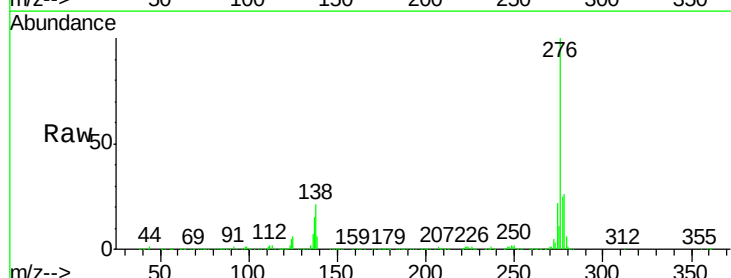
Tgt Ion:276 Resp: 2220488

Ion Ratio Lower Upper

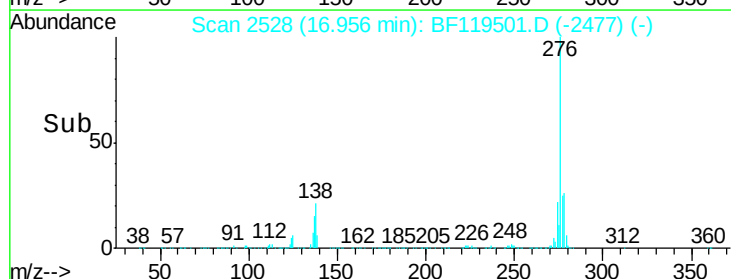
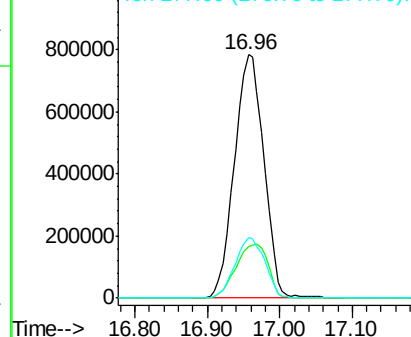
276 100

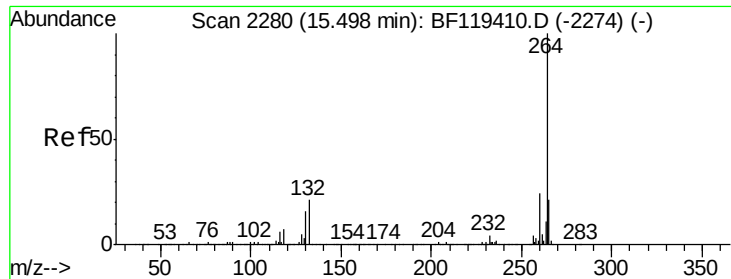
138 24.3 21.3 31.9

277 25.3 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E
1000000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





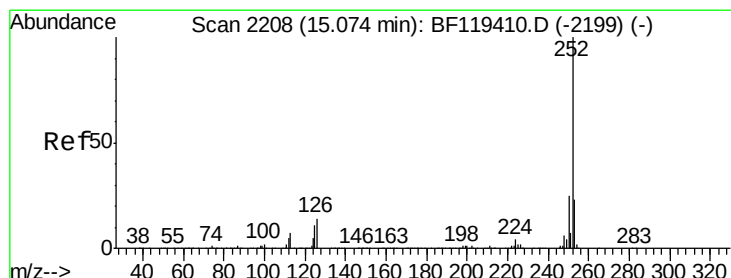
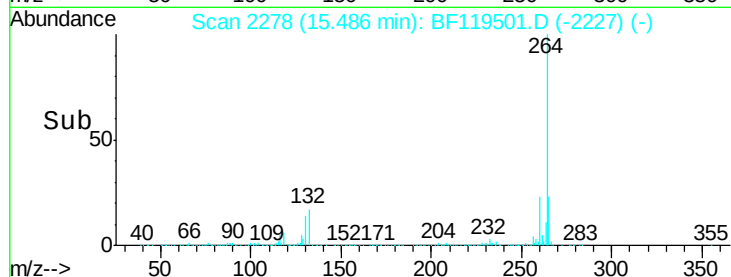
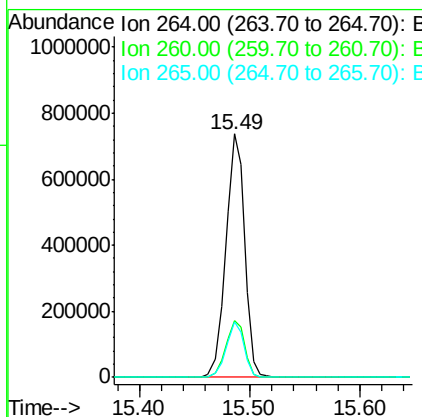
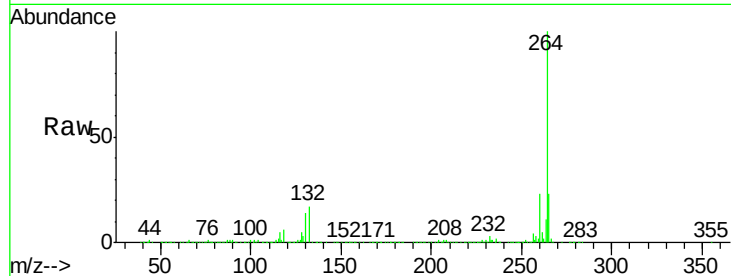
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Instrument :
BNA_F
ClientSampleId :
PB127810BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.6	16.9	25.3

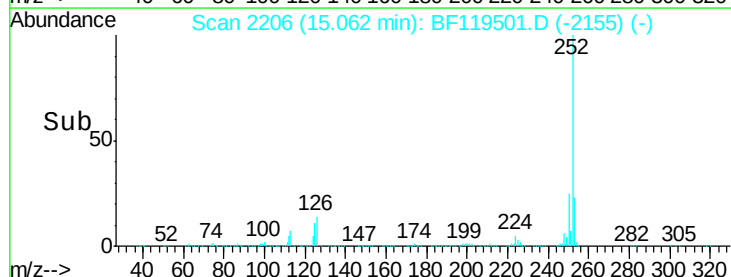
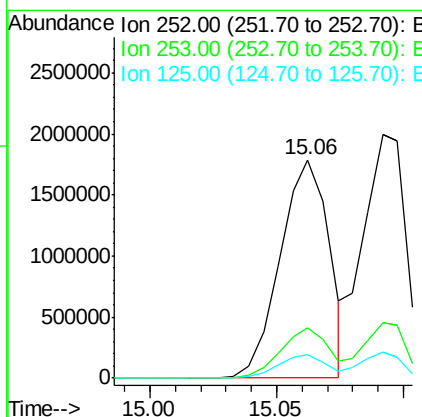
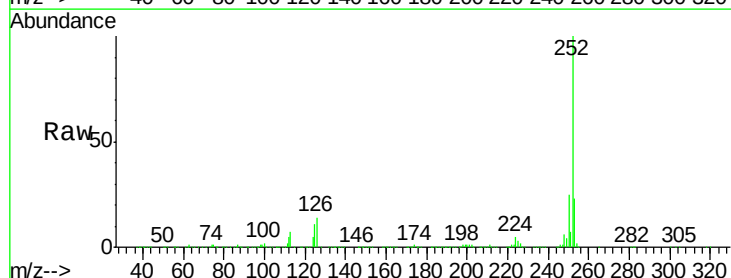
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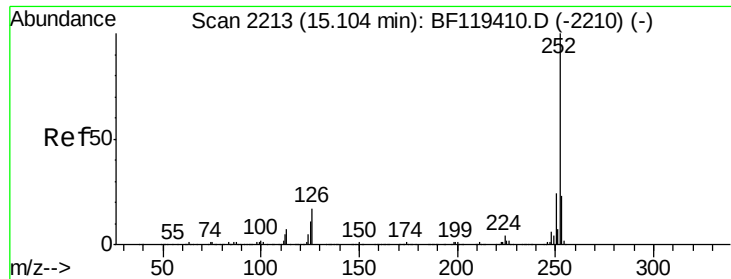
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#88
Benzo(b)fluoranthene
Concen: 40.861 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	10.5	8.8	13.2





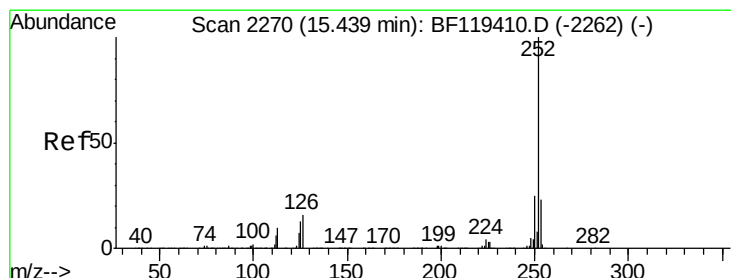
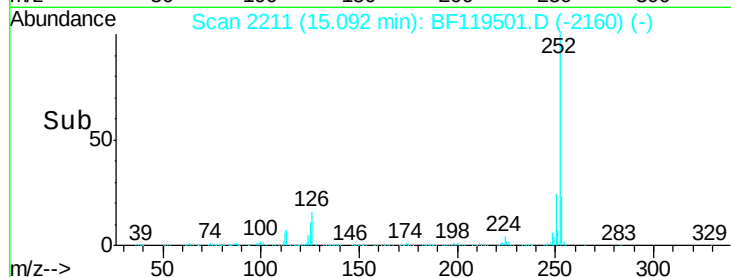
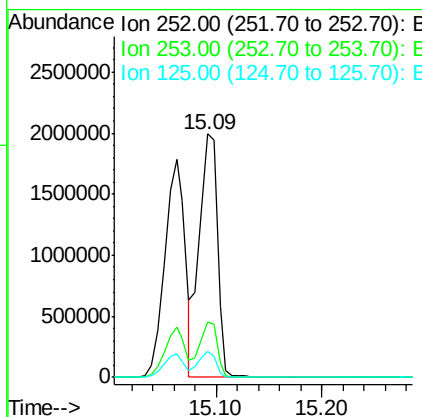
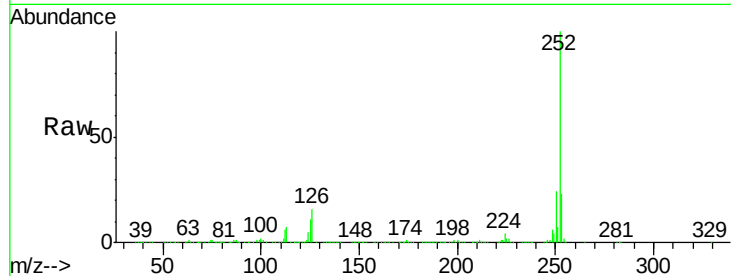
#89
Benzo(k)fluoranthene
Concen: 42.153 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Instrument :
BNA_F
ClientSampled :
PB127810BS

Tot Ion:252 Resp: 2361869
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 10.8 9.0 13.4

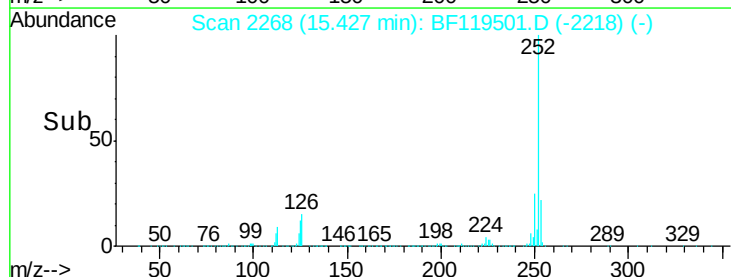
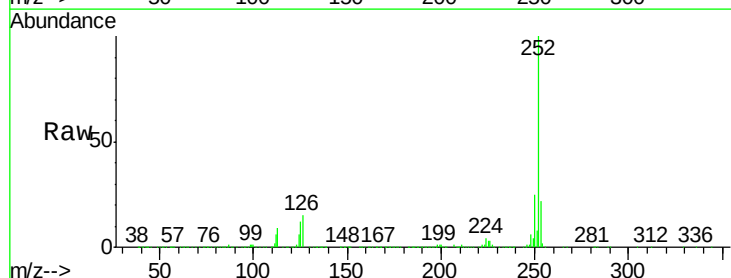
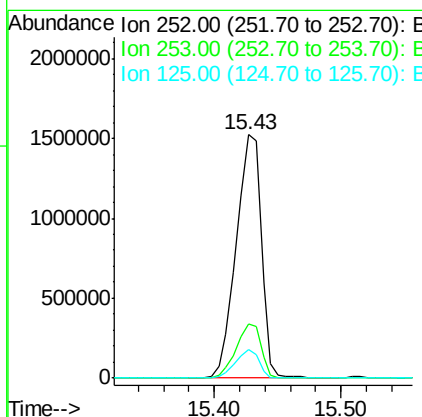
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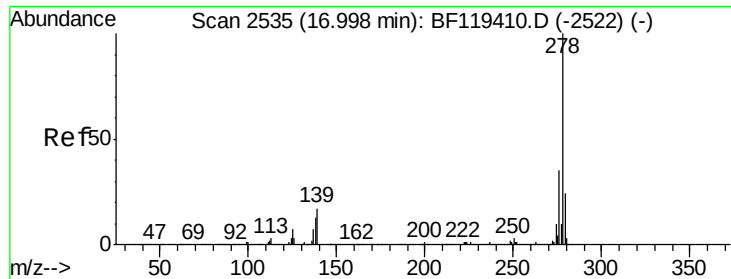
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#90
Benzo(a)pyrene
Concen: 39.133 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Tgt Ion:252 Resp: 2092663
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 11.9 10.2 15.2





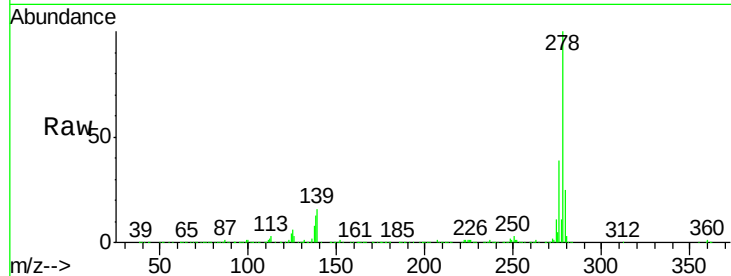
#91
Dibenzo(a,h)anthracene
Concen: 39.307 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Instrument :
BNA_F
ClientSampled :
PB127810BS

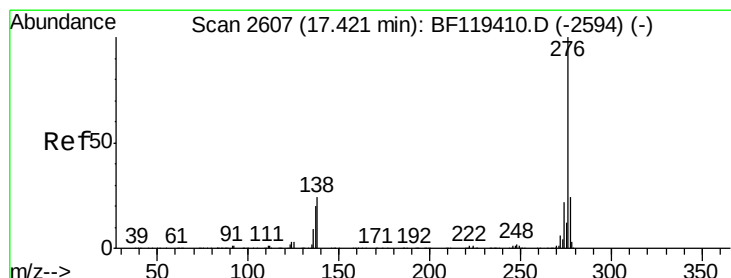
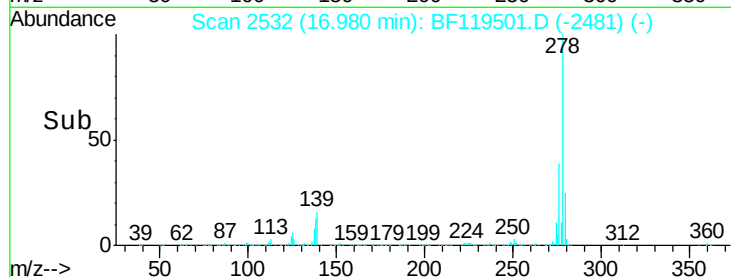
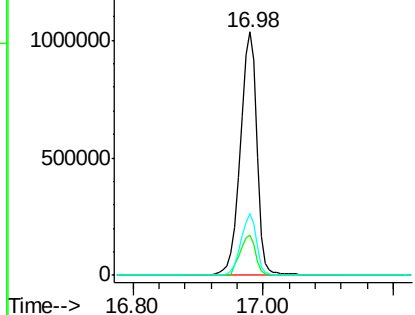
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.7	20.5
279	25.4	19.2	28.8

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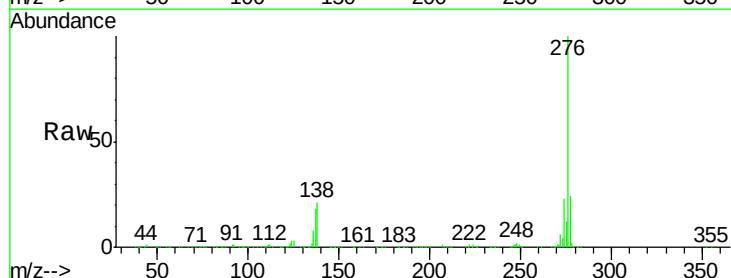


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.747 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.00 min
Lab File: BF119501.D
Acq: 25 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	21.1	19.1	28.7



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

