

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119548.D
 Acq On : 26 Mar 2020 23:48
 Operator : CG/JU
 Sample : L2028-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

Manual Integrations
 APPROVED

mohammad
 3/30/2020 8:50:54 AM

Quant Time: Mar 27 02:50:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 16:30:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	283512	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1118181	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	596241	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1157130	20.00	ng	0.00
76) Chrysene-d12	14.02	240	835675	20.00	ng	0.00
87) Perylene-d12	15.48	264	735501	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1642500	92.23	ng	0.01
7) Phenol-d6	6.46	99	2132930	93.75	ng	0.00
23) Nitrobenzene-d5	7.40	82	1313880	63.86	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	646361	105.08	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2517847	62.56	ng	0.00
79) Terphenyl-d14	12.96	244	2922367	68.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	322288	36.640	ng	98
3) Pyridine	3.38	79	874328	36.081	ng	99
4) n-Nitrosodimethylamine	3.33	42	497737	42.120	ng	100
6) Aniline	6.50	93	1031572	32.854	ng	100
8) 2-Chlorophenol	6.62	128	971895	51.959	ng	98
9) Benzaldehyde	6.38	77	593817	41.145	ng	98
10) Phenol	6.48	94	1251940	51.573	ng	100
11) bis(2-Chloroethyl)ether	6.57	93	920075	47.390	ng	99
12) 1,3-Dichlorobenzene	6.77	146	957451	47.294	ng	97
13) 1,4-Dichlorobenzene	6.85	146	964917	47.651	ng	98
14) 1,2-Dichlorobenzene	7.01	146	907557	47.949	ng	99
15) Benzyl Alcohol	6.98	79	828408	48.407	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1723978	44.022	ng	98
17) 2-Methylphenol	7.09	107	775077	45.225	ng	99
18) Hexachloroethane	7.35	117	366617	49.403	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	669140	48.797	ng	97
20) 3+4-Methylphenols	7.25	107	946950	45.085	ng	# 79
22) Acetophenone	7.25	105	1252183	46.866	ng	99
24) Nitrobenzene	7.42	77	1012606	46.053	ng	95
25) Isophorone	7.66	82	1889981	45.284	ng	98
26) 2-Nitrophenol	7.73	139	523693	60.491	ng	97
27) 2,4-Dimethylphenol	7.77	122	853261	47.664	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	1187394	48.112	ng	98
29) 2,4-Dichlorophenol	7.97	162	804226	48.894	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	856020	47.059	ng	98
31) Naphthalene	8.15	128	2656935	46.173	ng	99
32) Benzoic acid	7.91	122	688514	59.792	ng	97
33) 4-Chloroaniline	8.19	127	333391	12.644	ng	98
34) Hexachlorobutadiene	8.26	225	485901	47.742	ng	99
35) Caprolactam	8.57	113	288689m	53.628	ng	
36) 4-Chloro-3-methylphenol	8.67	107	896784	49.884	ng	98
37) 2-Methylnaphthalene	8.84	142	1854390	49.104	ng	100
38) 1-Methylnaphthalene	8.94	142	1755504	49.112	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	789147	45.155	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	972138	97.845	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	618484	49.453	nq	100
44) 2,4,5-Trichlorophenol	9.16	196	631190	45.052	nq	98
46) 1,1'-Biphenyl	9.30	154	2195459	45.210	nq	99
47) 2-Chloronaphthalene	9.33	162	1719113	45.194	nq	98
48) 2-Nitroaniline	9.42	65	628640	47.880	nq	98
49) Acenaphthylene	9.75	152	2708345	45.340	nq	99
50) Dimethylphthalate	9.61	163	2303857	54.399	nq	99
51) 2,6-Dinitrotoluene	9.67	165	462413	50.939	nq	94
52) Acenaphthene	9.92	154	1671290	44.880	nq	99
53) 3-Nitroaniline	9.83	138	250189	21.831	nq	98
54) 2,4-Dinitrophenol	9.95	184	499313	122.834	nq	88
55) Dibenzofuran	10.09	168	2438741	45.677	nq	98
56) 4-Nitrophenol	10.00	139	850577	94.082	nq	91
57) 2,4-Dinitrotoluene	10.07	165	624947	54.650	nq	93
58) Fluorene	10.43	166	1892830	47.941	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	542717	51.824	nq	99
60) Diethylphthalate	10.31	149	2098650	48.824	nq	100
61) 4-Chlorophenyl-phenylether	10.43	204	918523	47.574	nq	97
62) 4-Nitroaniline	10.46	138	498723	45.380	nq	99
63) Azobenzene	10.59	77	2013967	46.528	nq	97
65) 4,6-Dinitro-2-methylphenol	10.48	198	324416	66.860	nq	92
66) n-Nitrosodiphenylamine	10.55	169	1759364	46.315	nq	98
67) 4-Bromophenyl-phenylether	10.92	248	610191	46.303	nq	99
68) Hexachlorobenzene	10.98	284	652207	48.356	nq	99
69) Atrazine	11.07	200	545347	52.366	nq	100
70) Pentachlorophenol	11.17	266	763561	96.549	nq	98
71) Phenanthrene	11.40	178	2726667	45.444	nq	100
72) Anthracene	11.45	178	2817719	46.207	nq	99
73) Carbazole	11.60	167	2628648	43.550	nq	99
74) Di-n-butylphthalate	11.94	149	3250231	50.338	nq	99
75) Fluoranthene	12.59	202	3024142	46.572	nq	99
77) Benzidine	12.71	184	1558003	44.054	nq	97
78) Pyrene	12.82	202	3029708	44.176	nq	99
80) Butylbenzylphthalate	13.44	149	1416549	51.067	nq	99
81) Benzo(a)anthracene	14.01	228	2363806	43.498	nq	100
82) 3,3'-Dichlorobenzidine	13.97	252	564168	26.330	nq	97
83) Chrysene	14.04	228	2488007	44.362	nq	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1816116	54.922	nq	100
85) Di-n-octyl phthalate	14.62	149	3194807	54.936	nq	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	2214043	41.917	nq	97
88) Benzo(b)fluoranthene	15.06	252	2425308	49.364	nq	99
89) Benzo(k)fluoranthene	15.09	252	2220991	47.474	nq	100
90) Benzo(a)pyrene	15.42	252	2064730	46.243	nq	98
91) Dibenzo(a,h)anthracene	16.97	278	1799044	46.066	nq	97
92) Benzo(g,h,i)perylene	17.40	276	1816735	46.304	nq	97

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

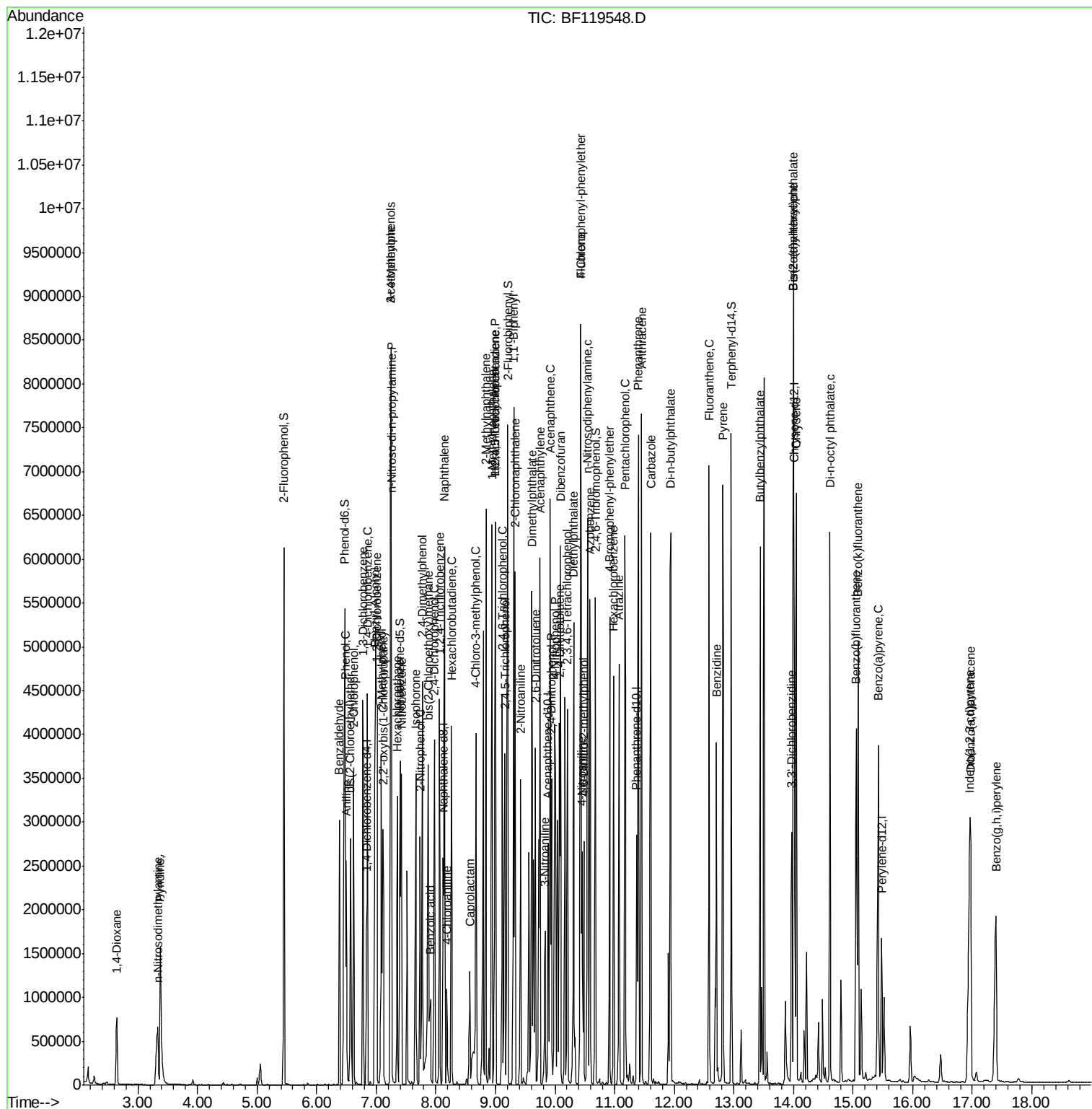
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
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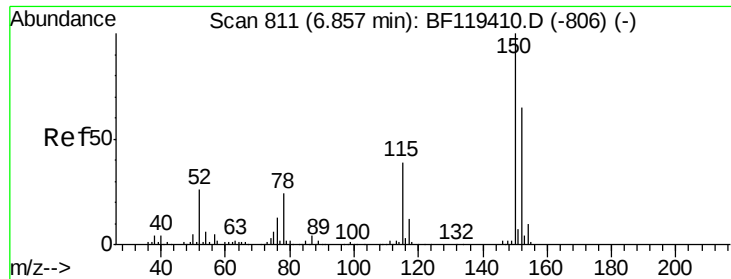
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ClientSampleId :
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#1

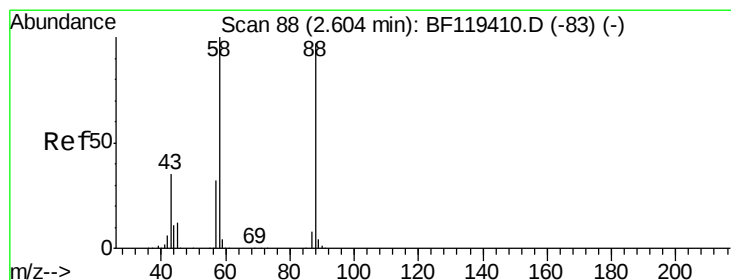
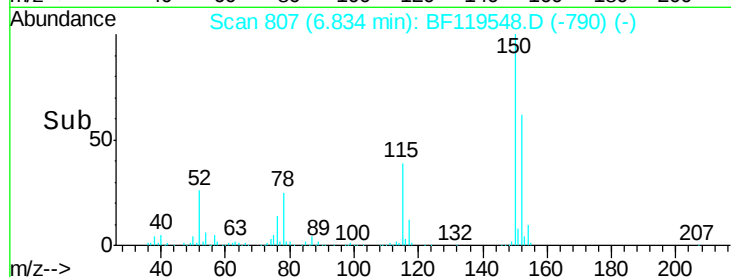
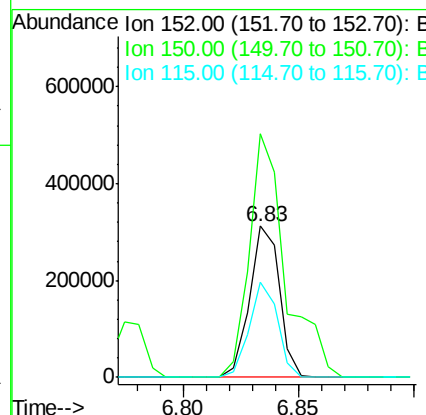
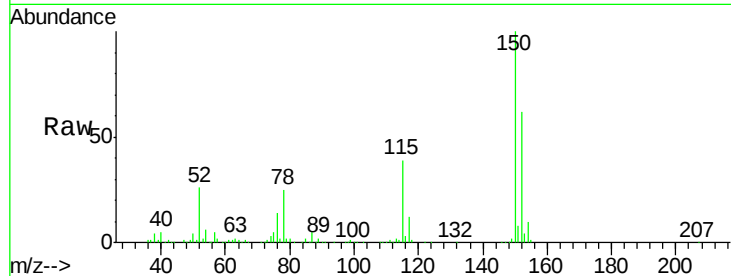
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	123.9	185.9
115	62.7	47.8	71.6

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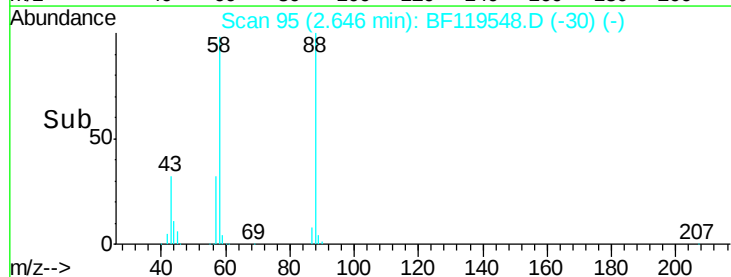
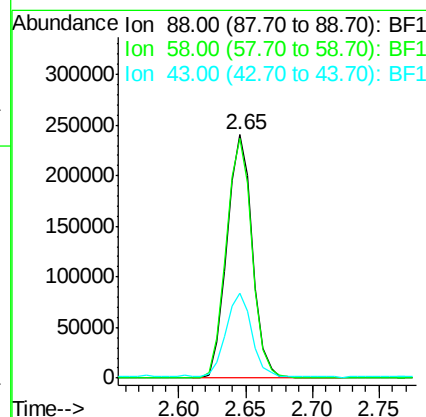
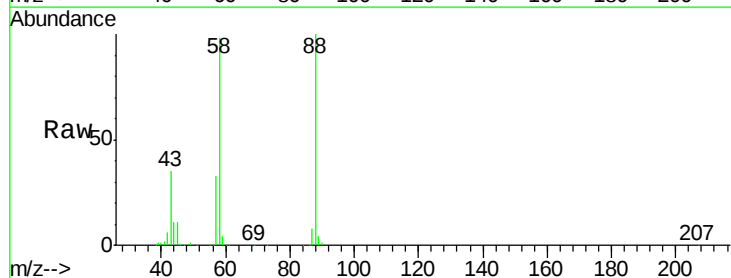
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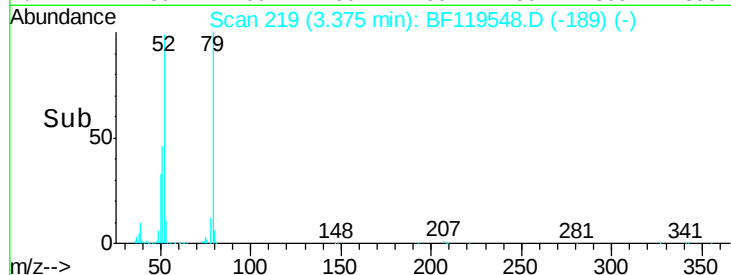
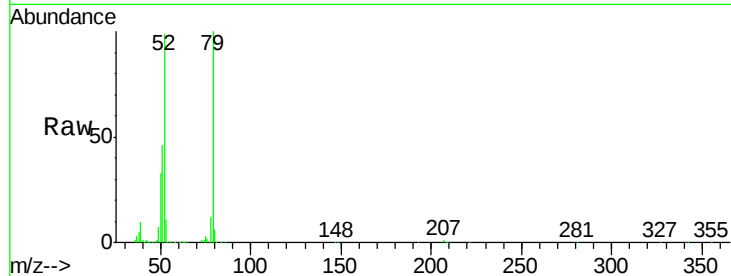
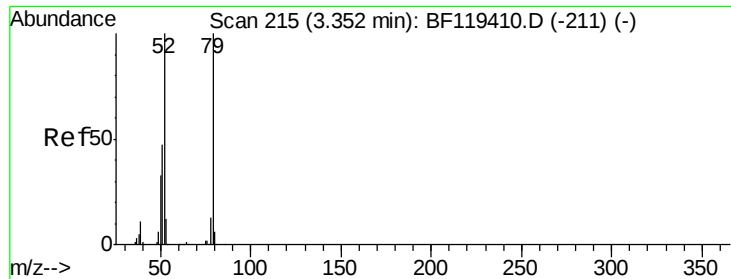


#2

1,4-Dioxane
Concen: 36.640 ng
RT: 2.65 min Scan# 95
Delta R.T. 0.08 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.0	79.4	119.2
43	34.8	28.4	42.6





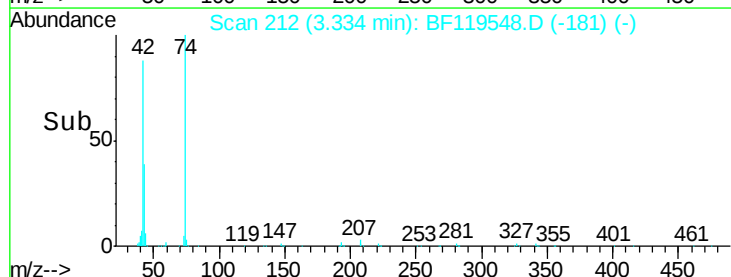
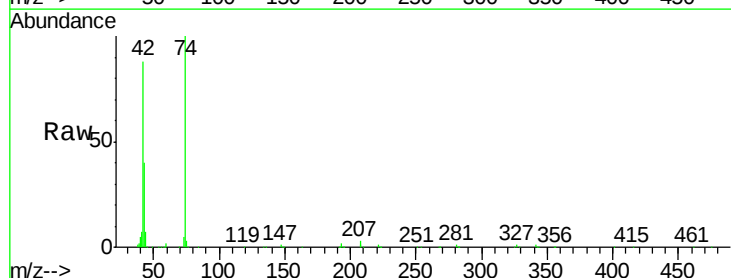
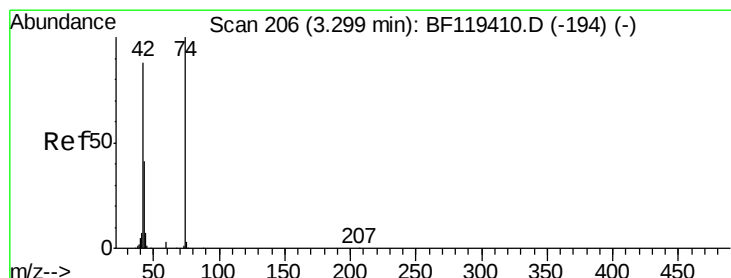
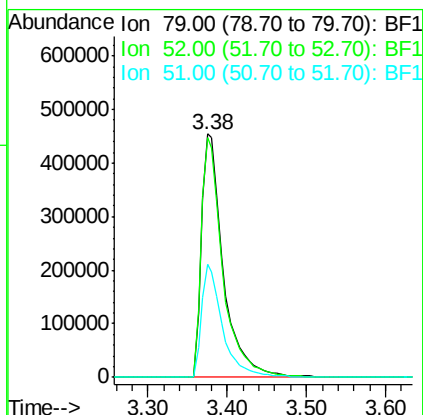
#3
 Pvridine
 Concen: 36.081 ng
 RT: 3.38 min Scan# 219
 Delta R.T. 0.08 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

Tot Ion	Ratio	Lower	Upper
79	100		
52	98.5	80.0	120.0
51	46.4	37.9	56.9

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

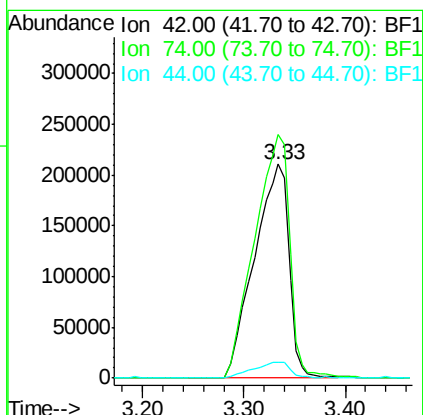
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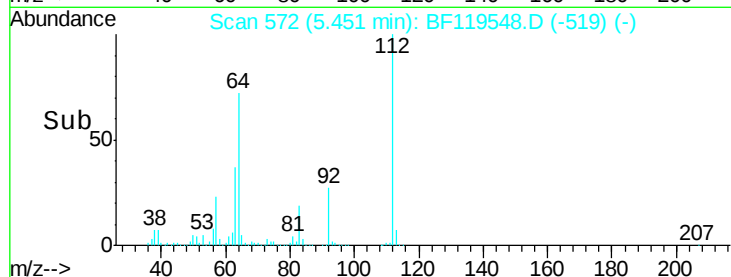
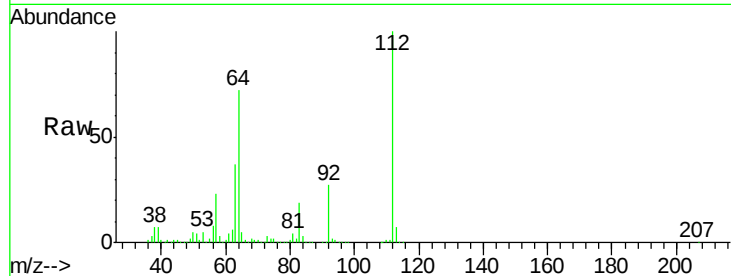
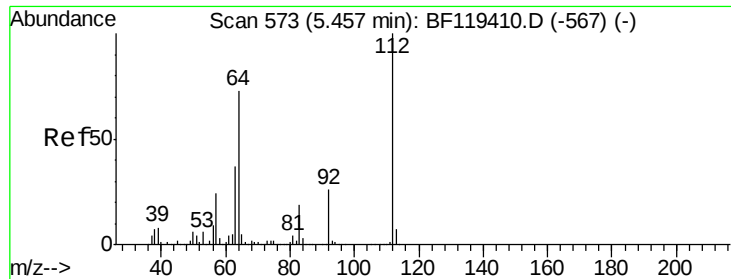
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#4
 n-Nitrosodimethylamine
 Concen: 42.120 ng
 RT: 3.33 min Scan# 212
 Delta R.T. 0.08 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	113.9	91.3	136.9
44	7.4	7.1	10.7





#5

2-Fluorophenol

Concen: 92.226 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Tot Ion:	112	Resp:	1642500
Ion	Ratio	Lower	Upper
112	100		
64	71.6	58.1	87.1
63	37.1	29.7	44.5

Instrument :

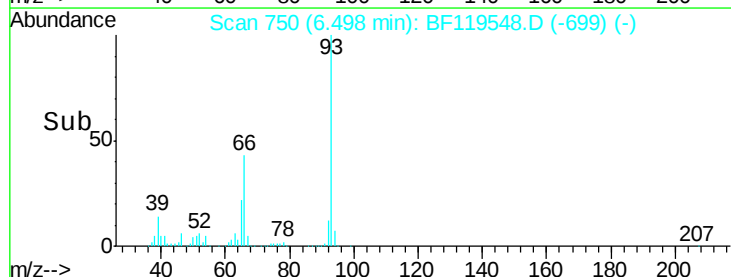
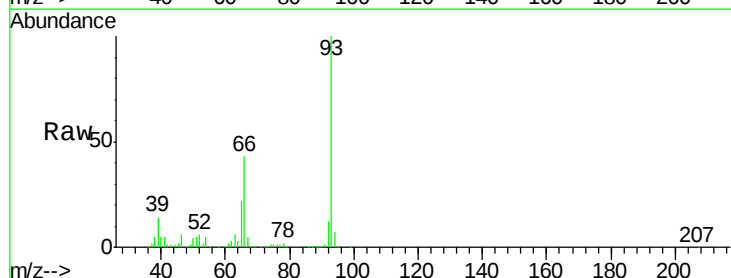
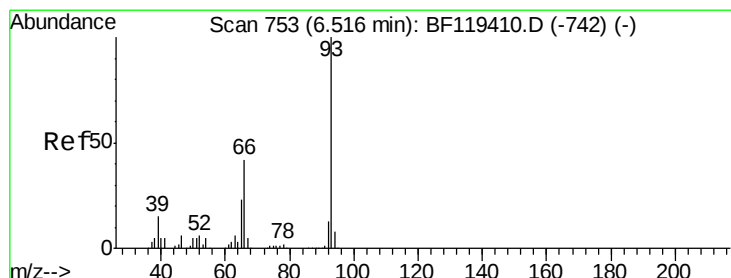
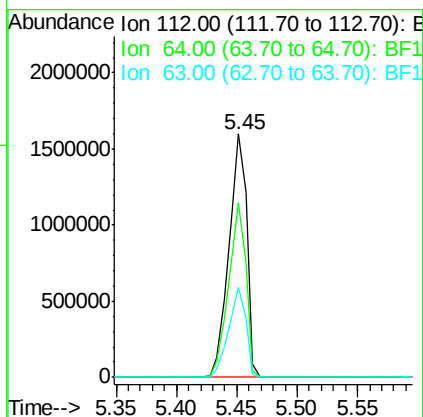
BNA_F

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SB-30-(8-8.5)MS

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#6

Aniline

Concen: 32.854 ng

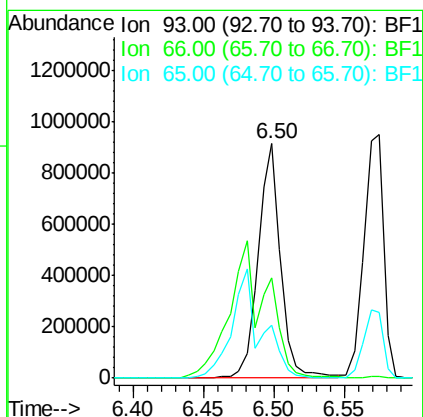
RT: 6.50 min Scan# 750

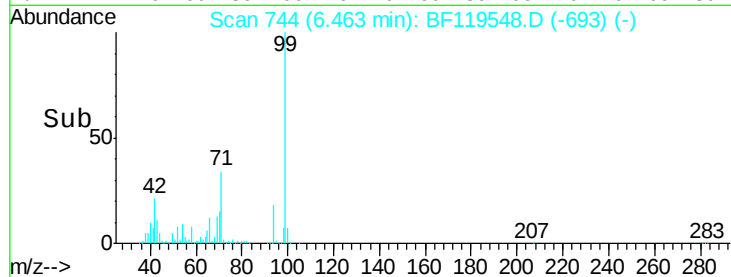
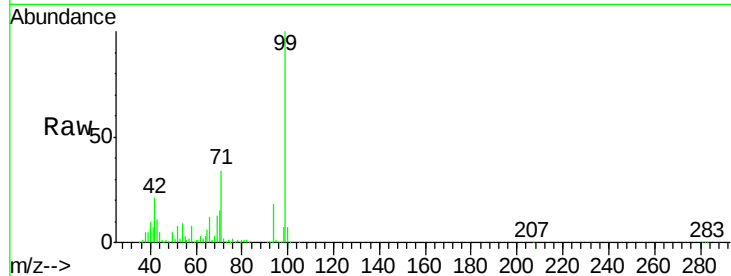
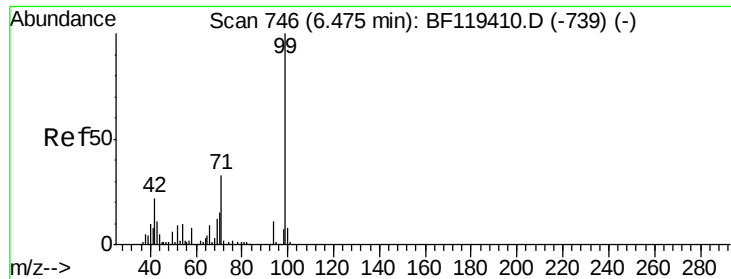
Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Tgt Ion:	93	Resp:	1031572
Ion	Ratio	Lower	Upper
93	100		
66	42.9	34.2	51.4
65	22.3	18.2	27.4





#7

Phenol-d6

Concen: 93.753 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Tot Ion: 99 Resp: 2132930

Ion Ratio Lower Upper

99 100

42 21.2 17.8 26.6

71 33.6 26.0 39.0

Instrument :

BNA_F

ClientSampleId :

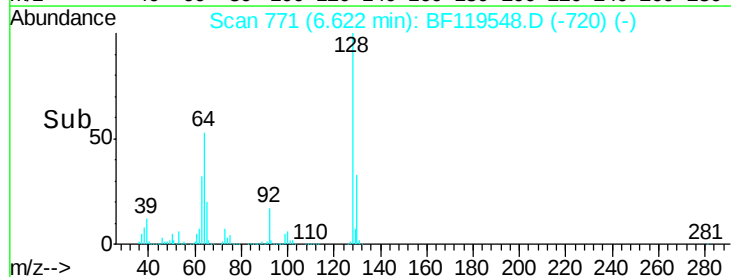
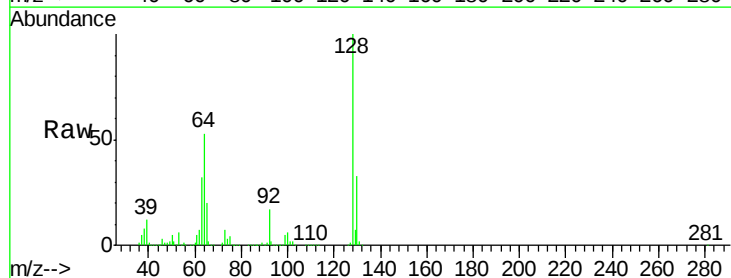
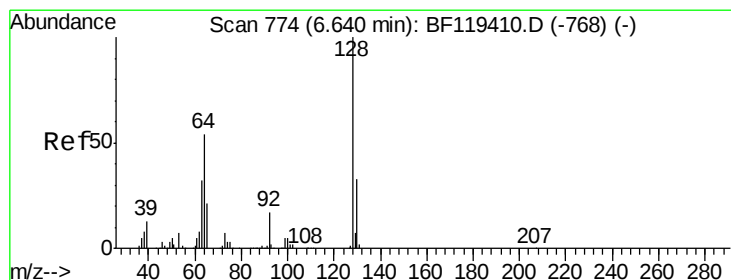
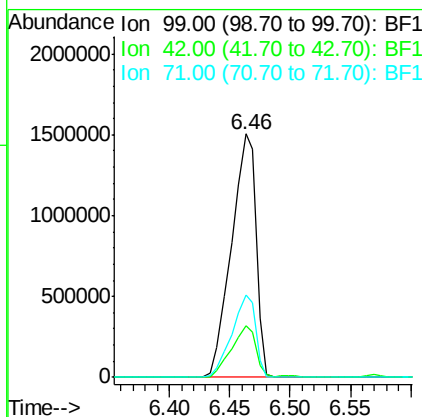
SB-30-(8-8.5)MS

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#8

2-Chlorophenol

Concen: 51.959 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

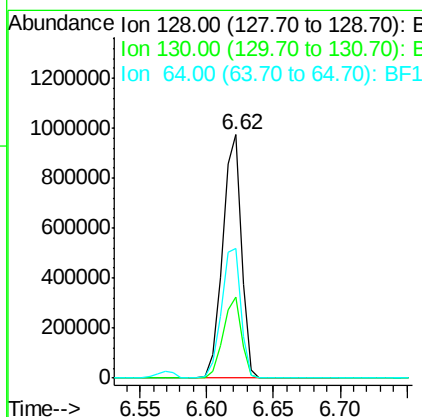
Tgt Ion: 128 Resp: 971895

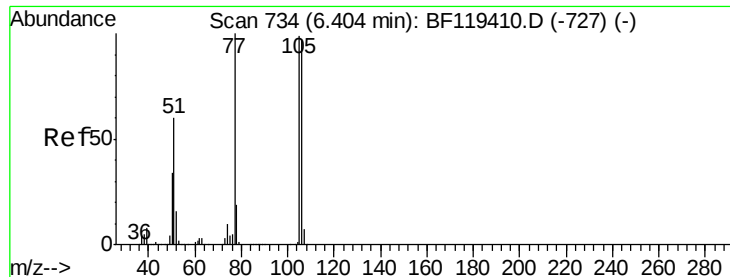
Ion Ratio Lower Upper

128 100

130 33.4 13.0 53.0

64 53.1 35.1 75.1





#9

Benzaldehyde

Concen: 41.145 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

BNA_F

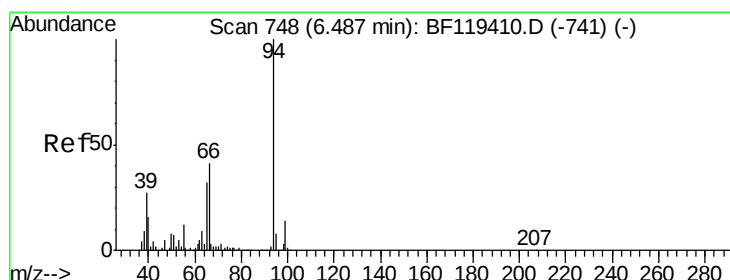
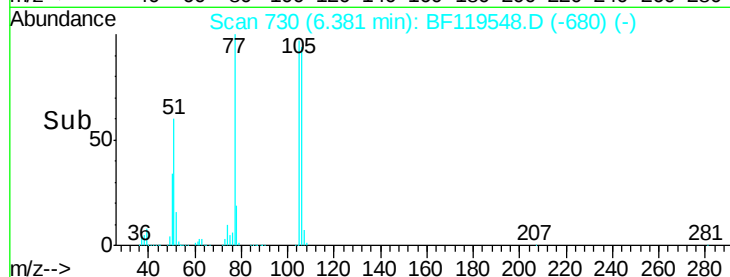
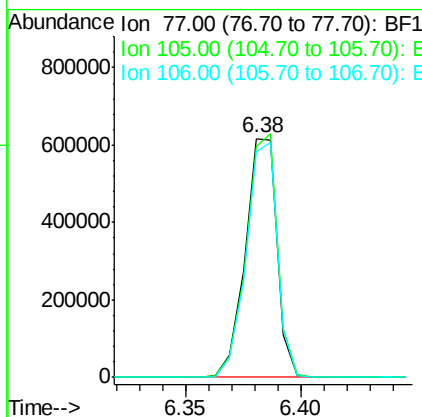
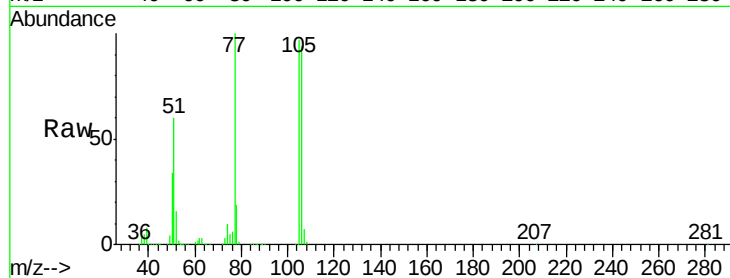
ClientSampleId :

SB-30-(8-8.5)MS

Tot Ion:	77	Resp:	593817
Ion Ratio	Lower	Upper	
77	100		
105	96.5	78.6	118.6
106	94.2	76.5	116.5

Manual Integrations
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#10

Phenol

Concen: 51.573 ng

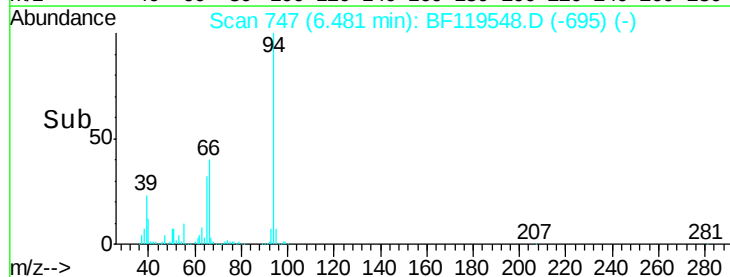
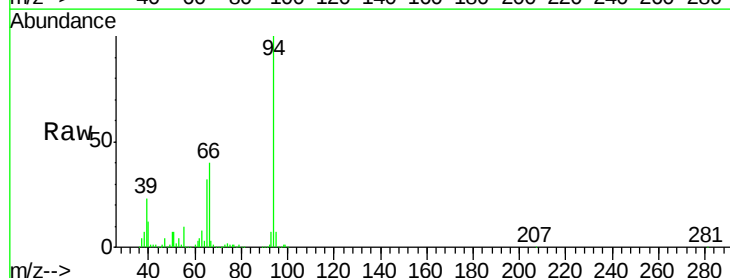
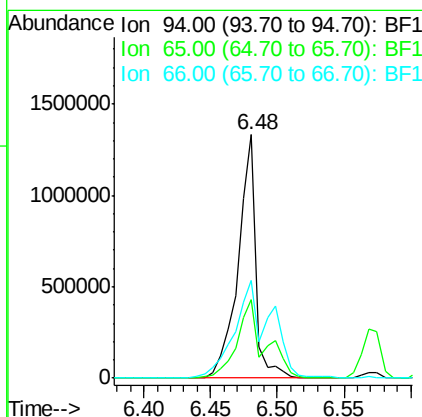
RT: 6.48 min Scan# 747

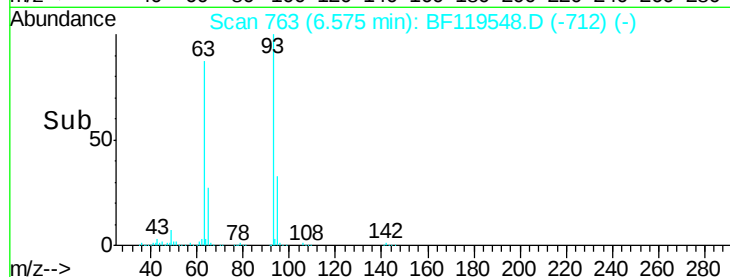
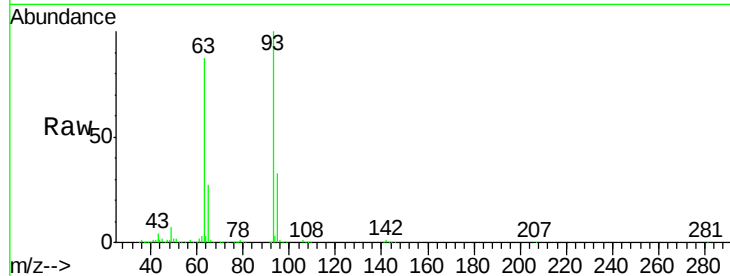
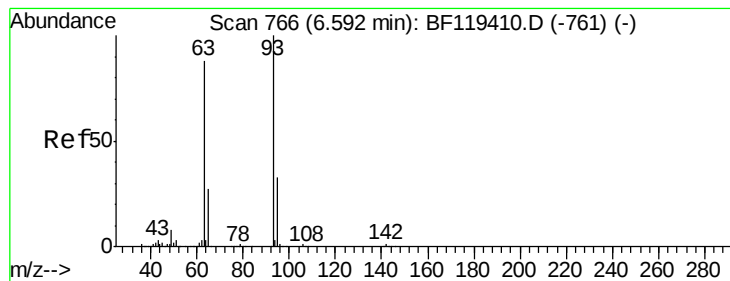
Delta R.T. 0.01 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Tgt Ion:	94	Resp:	1251940
Ion Ratio	Lower	Upper	
94	100		
65	32.0	12.0	52.0
66	40.3	20.6	60.6





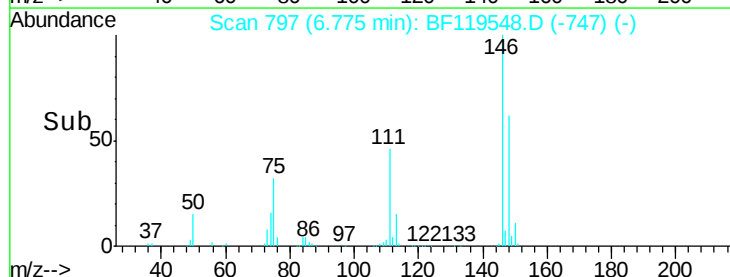
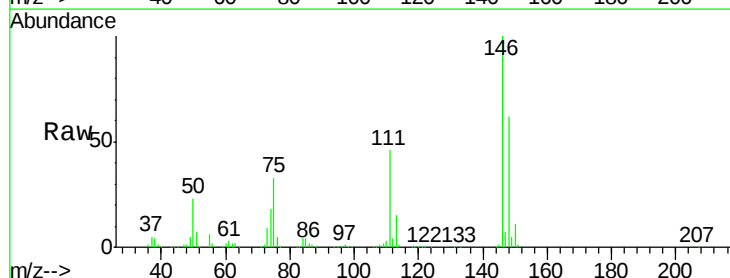
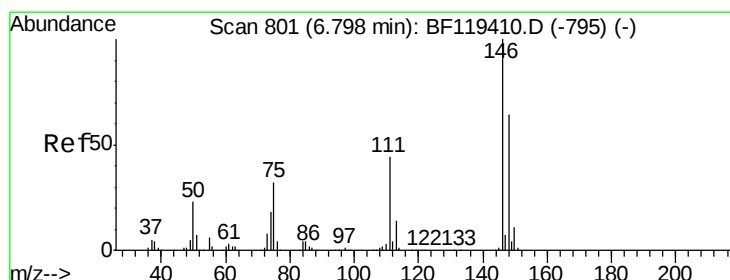
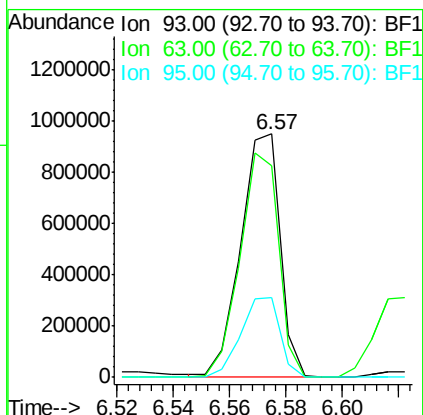
#11
bis(2-Chloroethyl)ether
Concen: 47.390 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tot Ion	93	Resp	920075
Ion Ratio	Lower	Upper	
93	100		
63	87.1	68.4	108.4
95	32.8	13.4	53.4

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

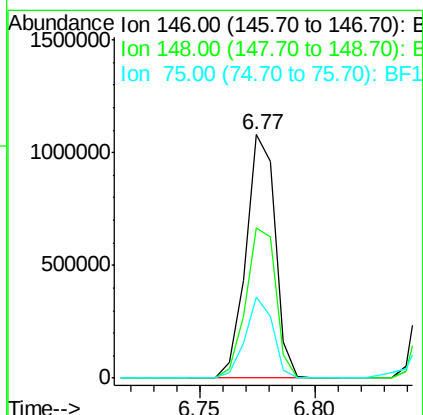
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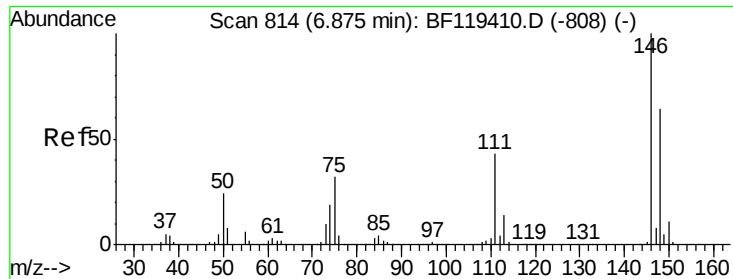
mohammad
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#12
1,3-Dichlorobenzene
Concen: 47.294 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion	146	Resp	957451
Ion Ratio	Lower	Upper	
146	100		
148	61.8	51.4	77.0
75	33.2	25.8	38.8





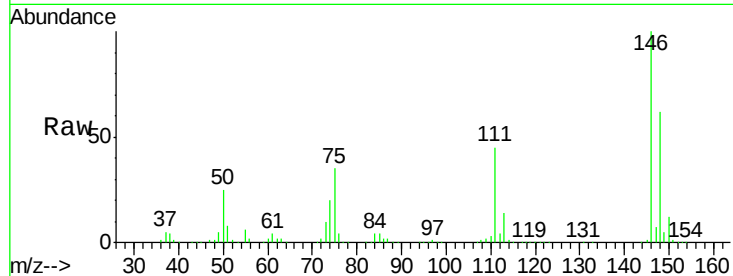
#13
 1,4-Dichlorobenzene
 Concen: 47.651 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.9	50.9	76.3
111	44.6	34.6	52.0

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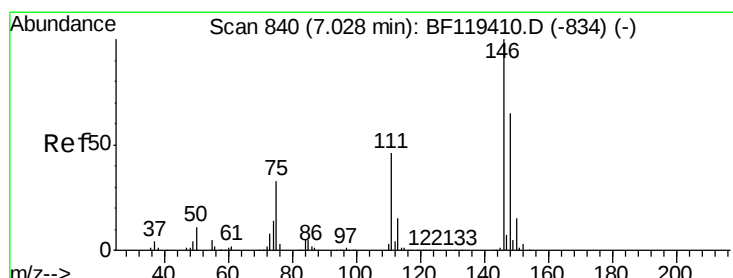
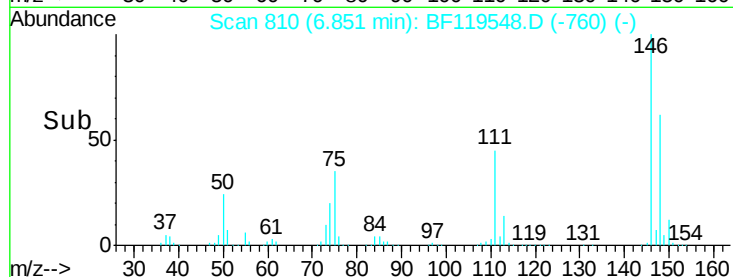
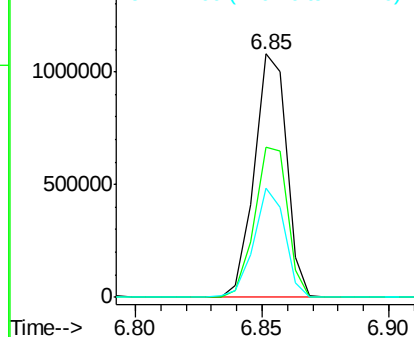


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 47.949 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.00 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

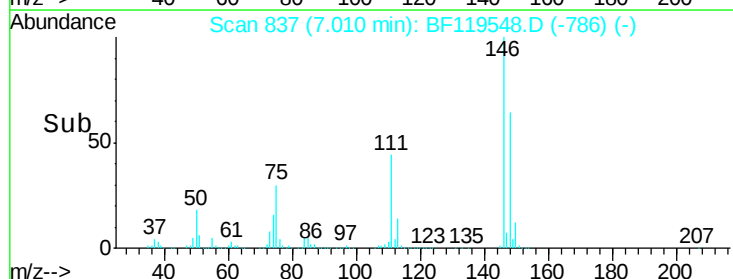
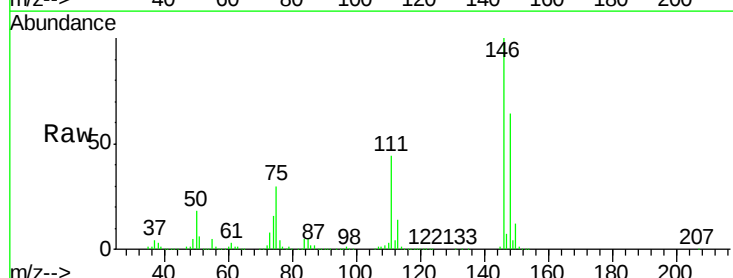
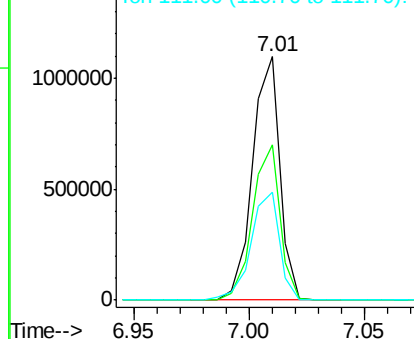
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.7	77.5
111	44.1	36.4	54.6

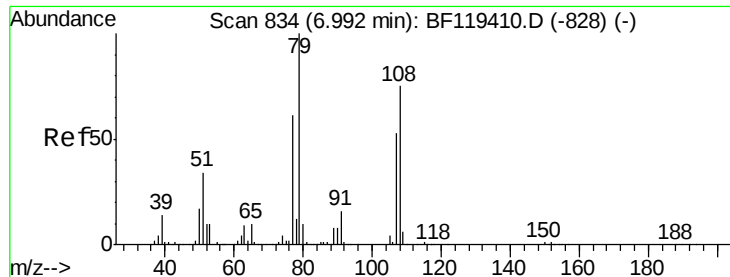
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.407 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.01 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

BNA_F

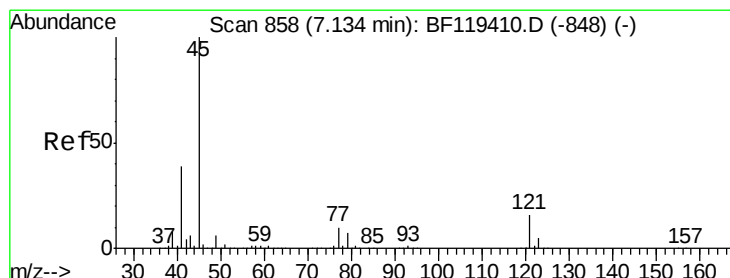
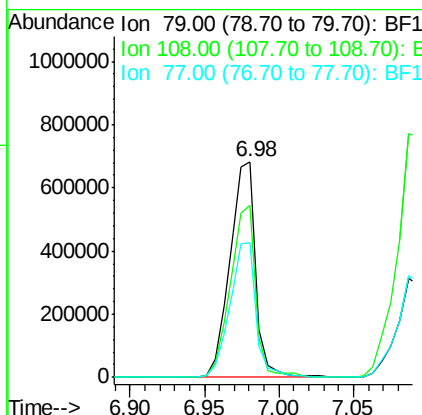
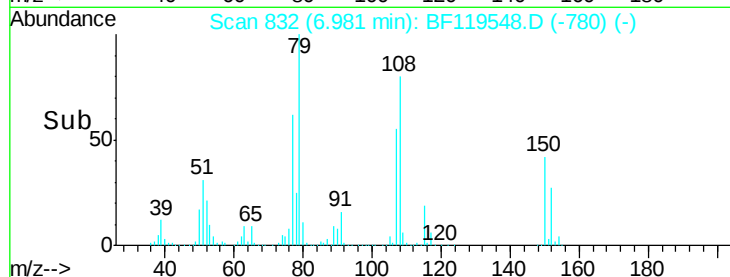
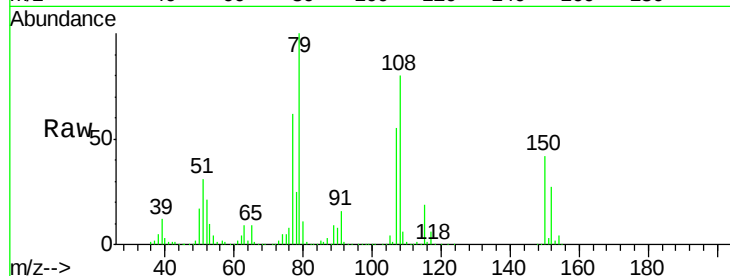
ClientSampled :

SB-30-(8-8.5)MS

Tot Ion:	79	Resp:	828408
Ion Ratio	Lower	Upper	
79	100		
108	79.7	60.4	90.6
77	62.2	49.0	73.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.022 ng

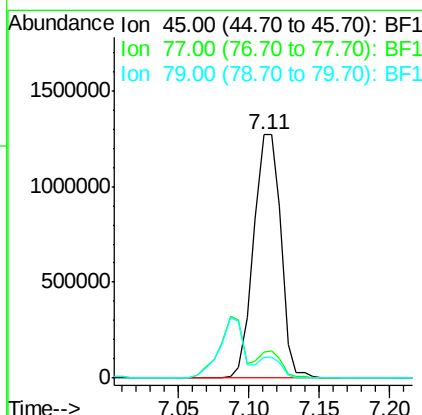
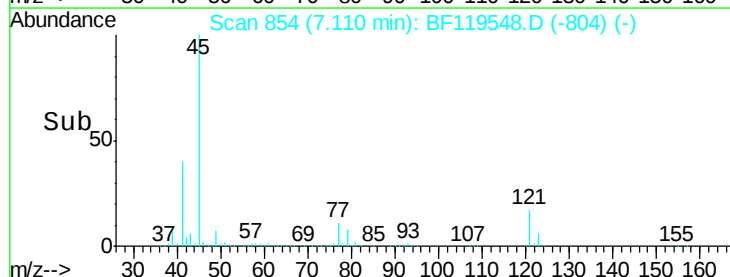
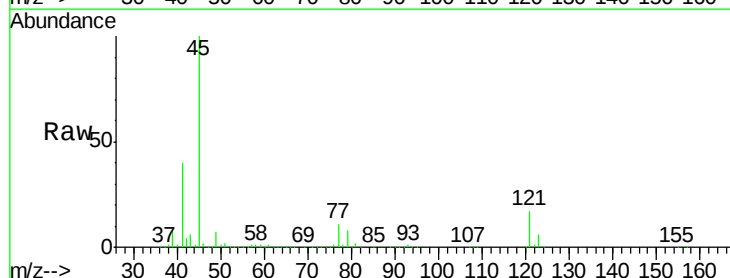
RT: 7.11 min Scan# 854

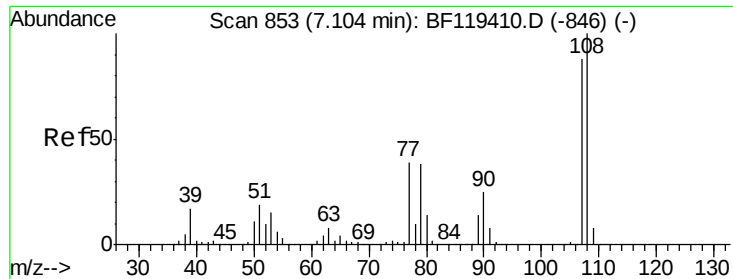
Delta R.T. -0.01 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Tgt Ion:	45	Resp:	1723978
Ion Ratio	Lower	Upper	
45	100		
77	10.7	0.0	30.1
79	8.4	0.0	27.4





#17

2-Methylphenol

Concen: 45.225 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.01 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

BNA_F

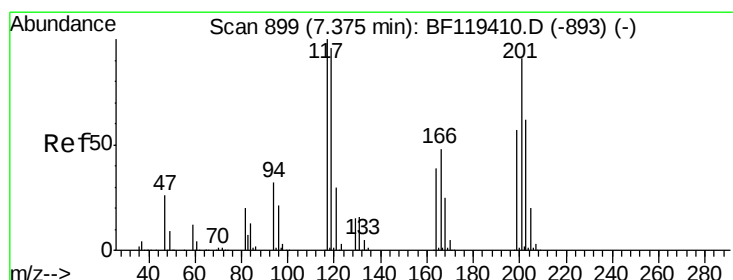
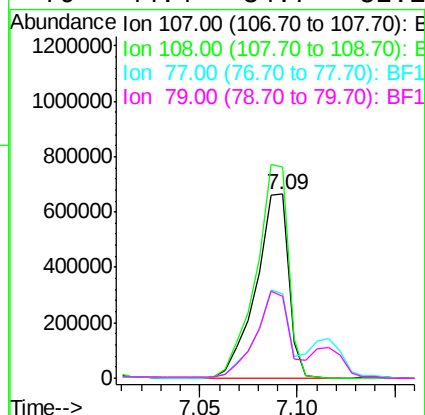
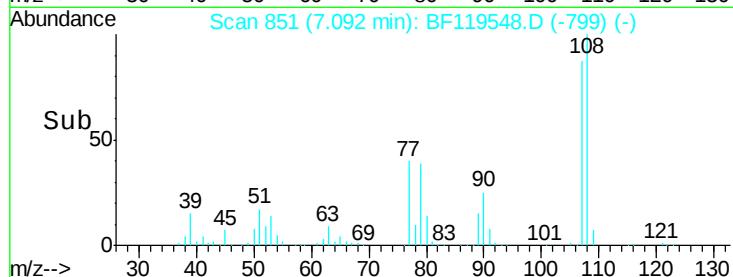
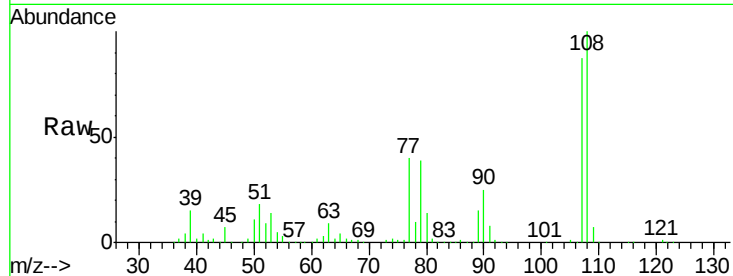
ClientSampleId :

SB-30-(8-8.5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	775077		
108	108.00	114.7	90.7	136.1	
77	77.00	45.7	35.6	53.4	
79	79.00	44.4	34.7	52.1	

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#18

Hexachloroethane

Concen: 49.403 ng

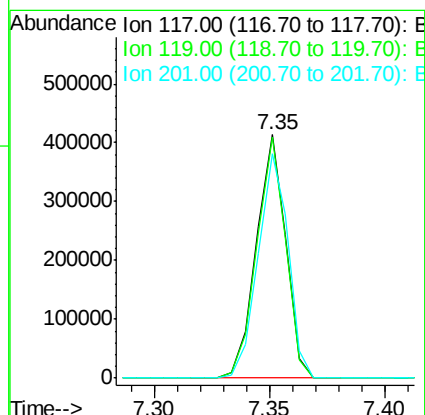
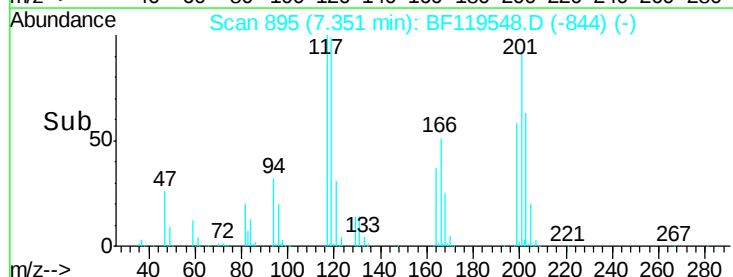
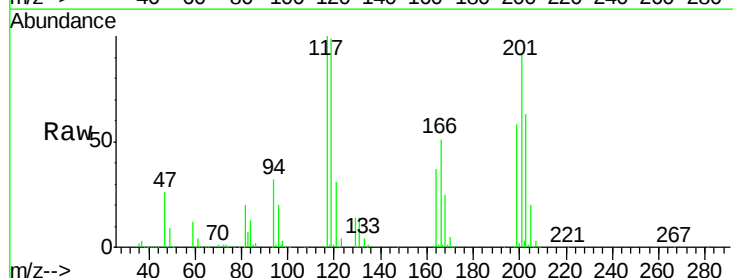
RT: 7.35 min Scan# 895

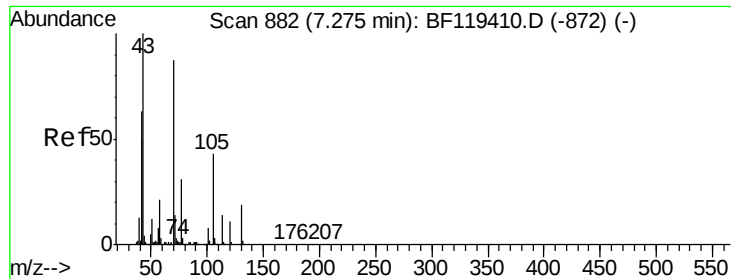
Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	366617		
119	119.00	98.8	76.8	115.2	
201	201.00	92.1	72.5	108.7	





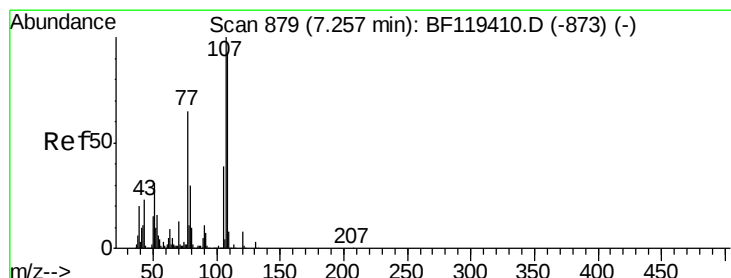
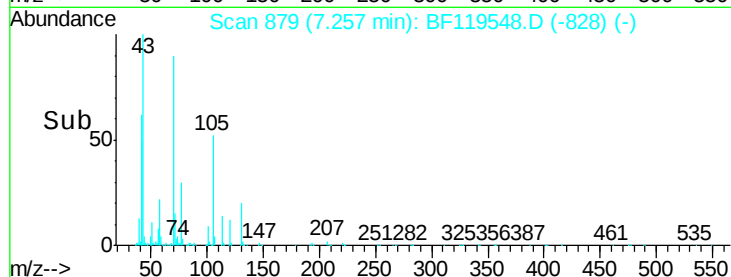
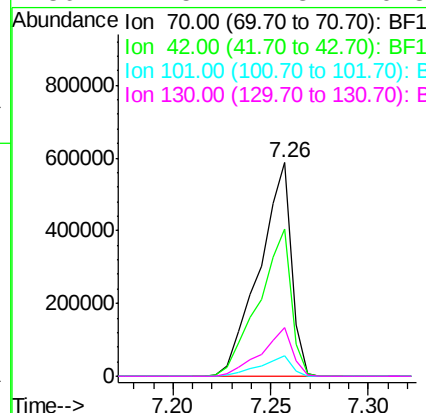
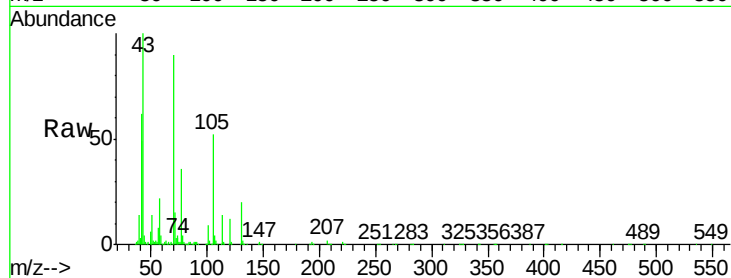
#19
n-Nitroso-di-n-propylamine
Concen: 48.797 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	70	Resp	669140
Ion Ratio	Lower	Upper	
70	100		
42	68.8	58.2	87.4
101	9.5	7.4	11.2
130	22.5	17.8	26.8

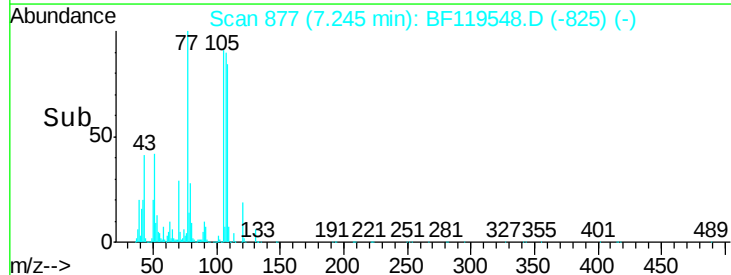
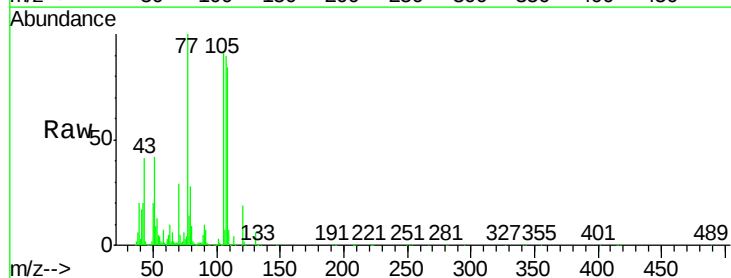
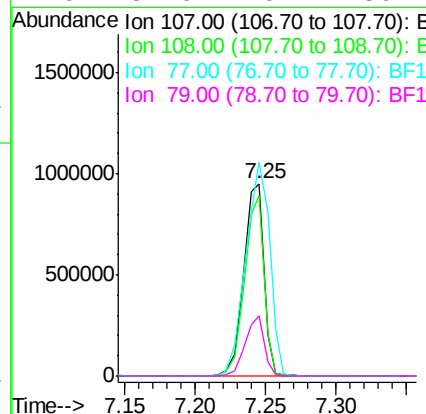
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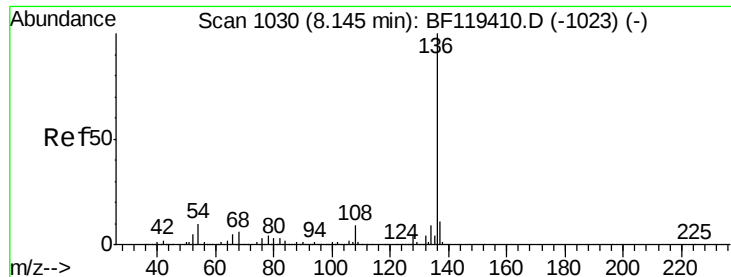
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#20
3+4-Methylphenols
Concen: 45.085 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion	107	Resp	946950
Ion Ratio	Lower	Upper	
107	100		
108	93.8	72.6	112.6
77	111.2	44.7	84.7
79	31.6	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

Tot Ion:136 Resp: 1118181

Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 10.9 8.3 12.5

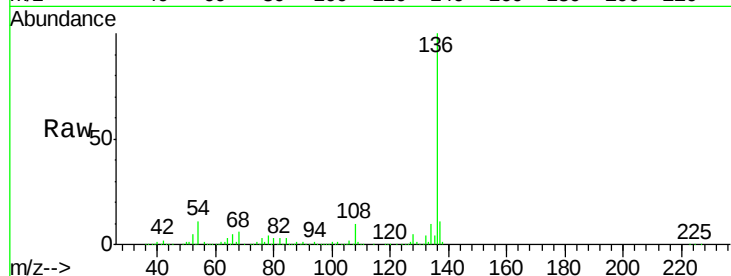
68 5.8 4.9 7.3

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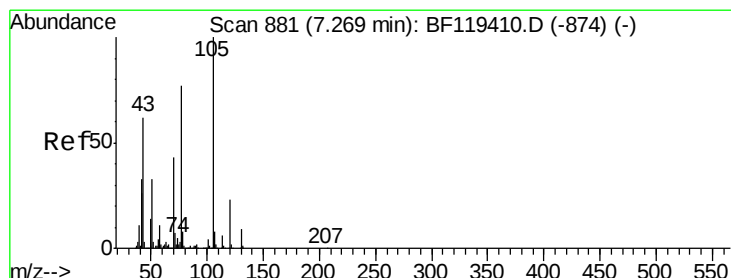
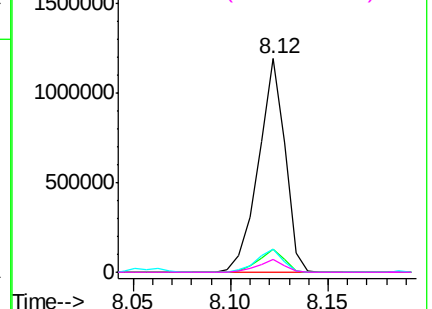
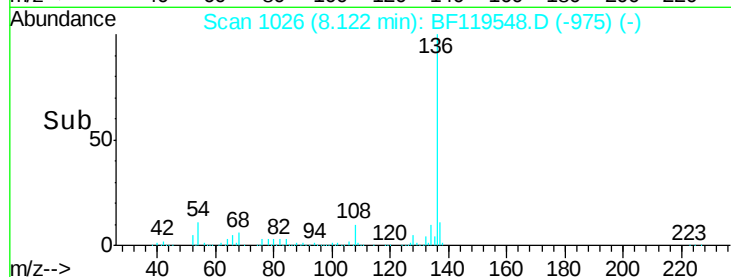


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 46.866 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Tgt Ion:105 Resp: 1252183

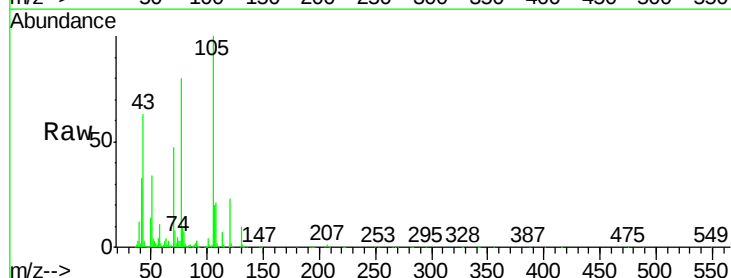
Ion Ratio Lower Upper

105 100

71 7.8 5.8 8.6

51 33.5 26.8 40.2

120 23.0 18.0 27.0

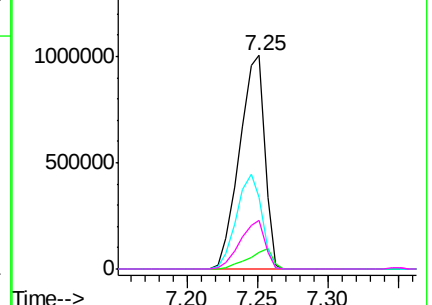
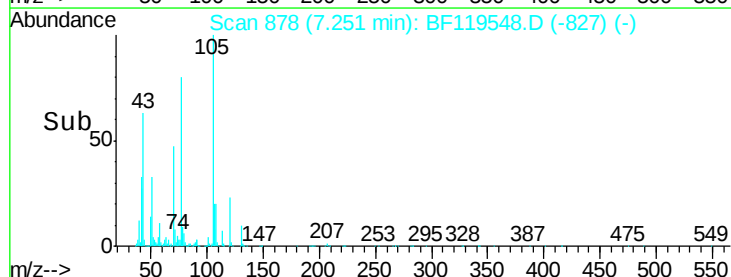


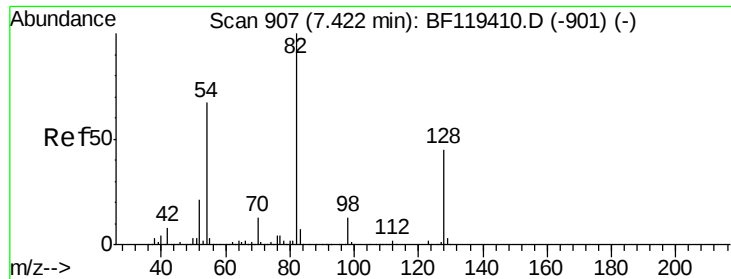
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





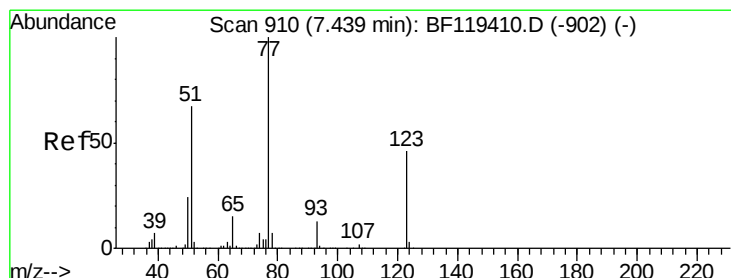
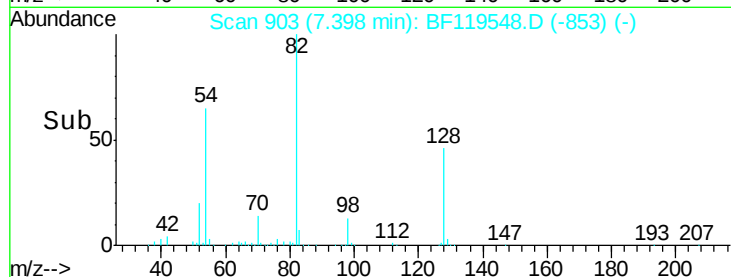
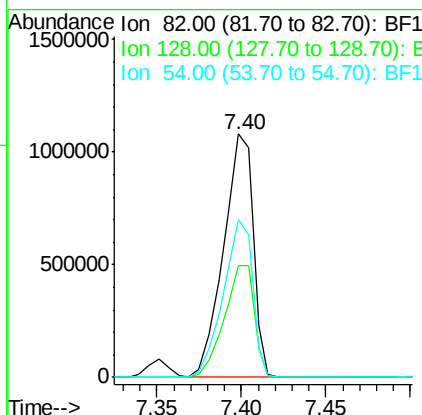
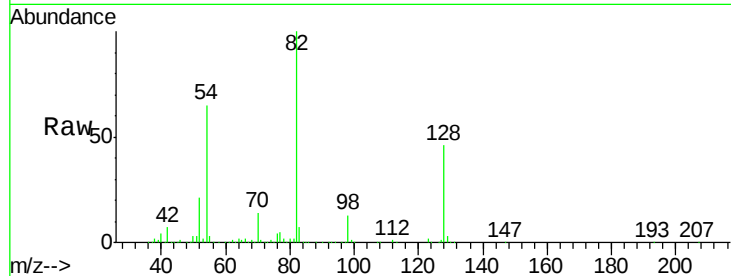
#23
Nitrobenzene-d5
Concen: 63.860 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	82	Resp	1313880
Ion Ratio	100	Lower	Upper
128	45.7	35.8	53.8
54	64.7	53.4	80.0

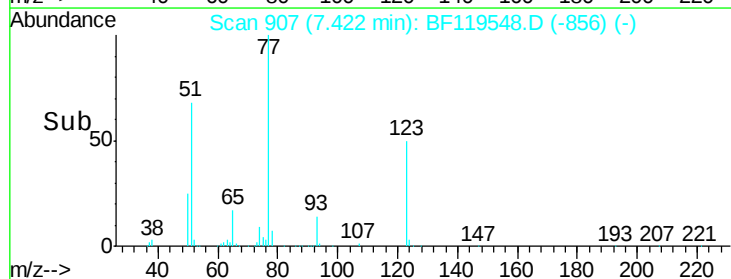
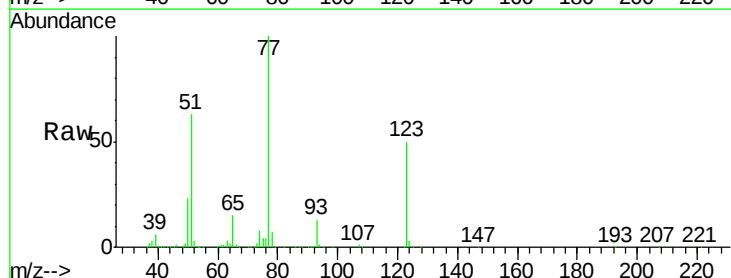
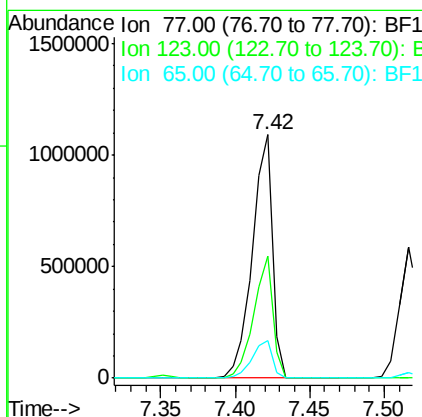
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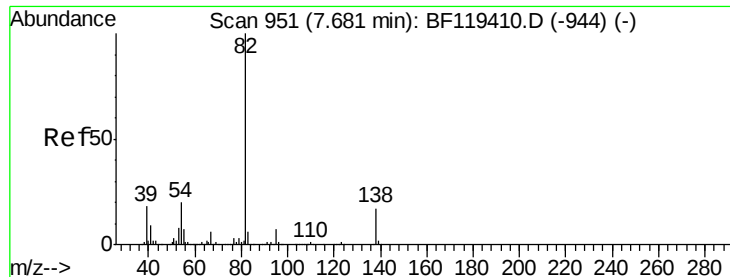
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#24
Nitrobenzene
Concen: 46.053 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion	77	Resp	1012606
Ion Ratio	100	Lower	Upper
123	50.3	36.9	55.3
65	15.2	12.2	18.4





#25

Isophorone

Concen: 45.284 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

Tot Ion: 82 Resp: 1889981

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

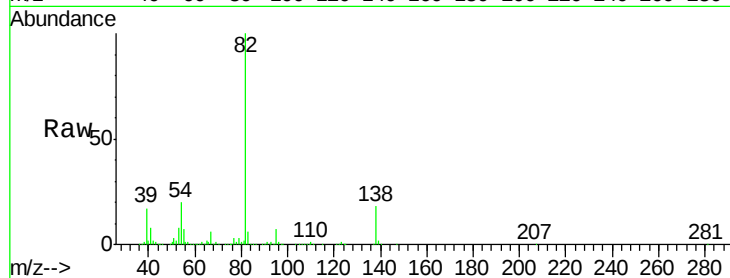
138 18.3 13.8 20.8

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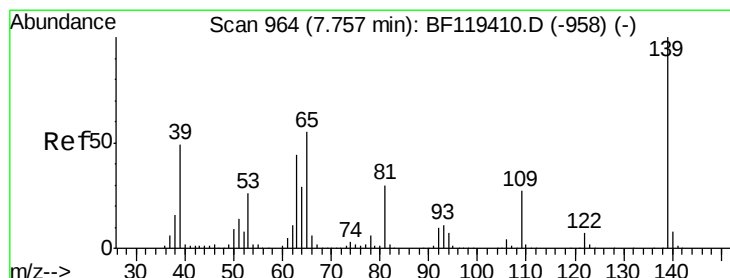
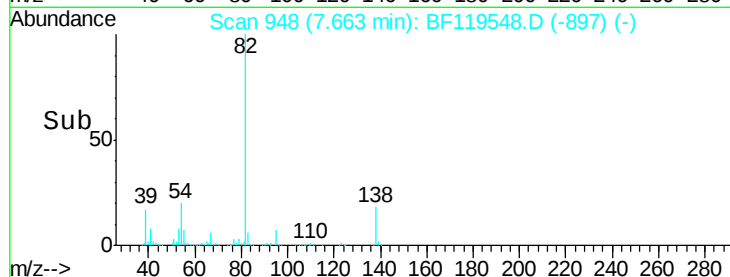
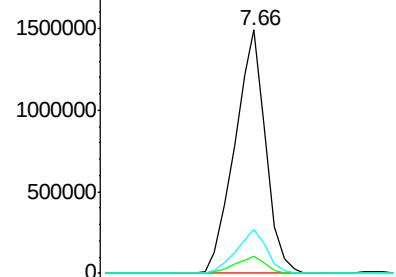
3/30/2020 8:50:54 AM



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 60.491 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

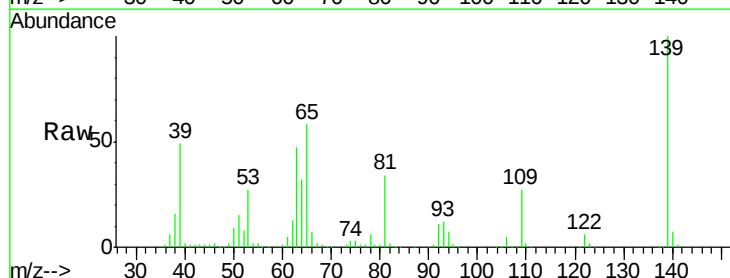
Tgt Ion: 139 Resp: 523693

Ion Ratio Lower Upper

139 100

109 27.4 21.7 32.5

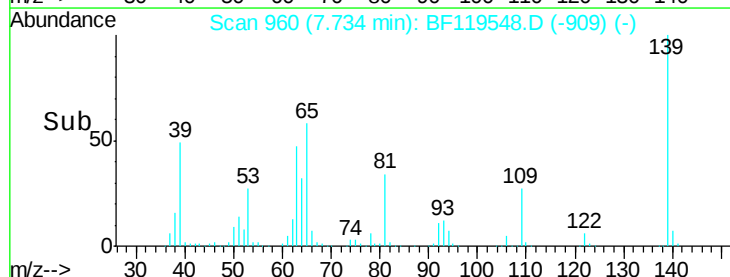
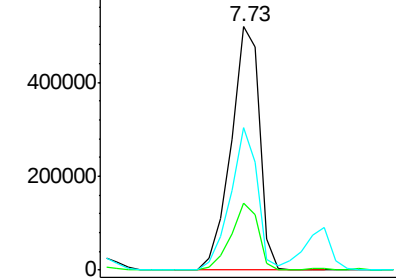
65 58.3 43.9 65.9

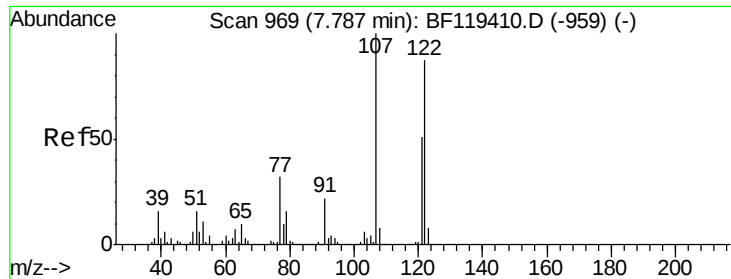


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





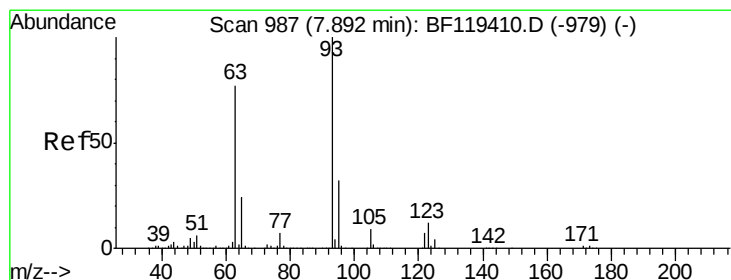
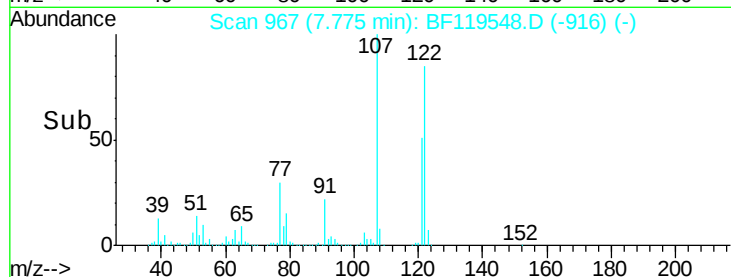
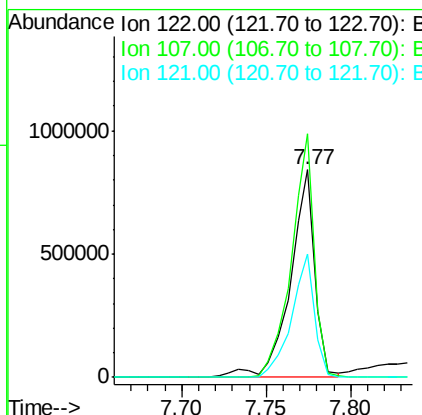
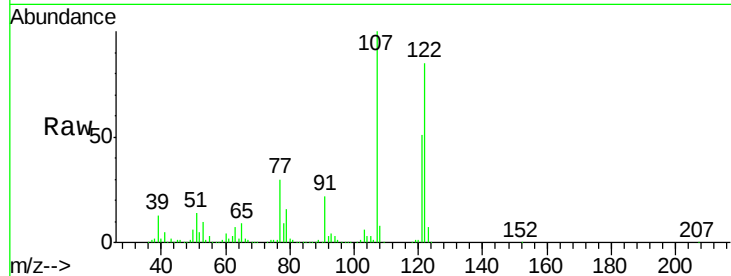
#27
2,4-Dimethylphenol
Concen: 47.664 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.4	91.8	137.6
121	59.6	46.5	69.7

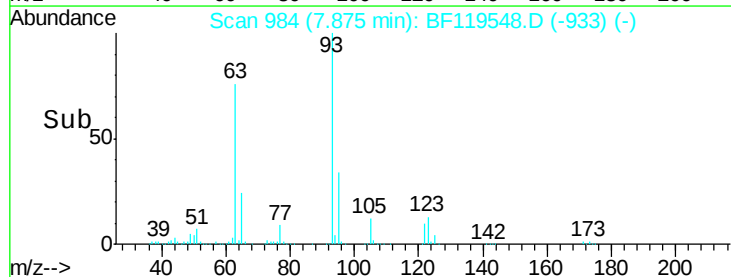
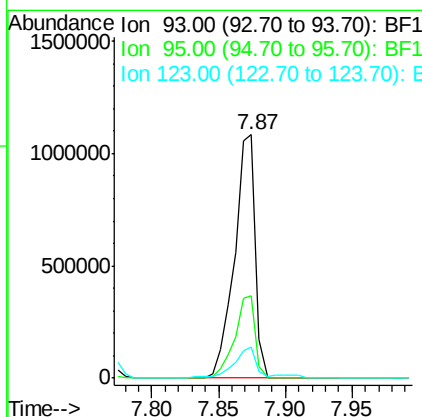
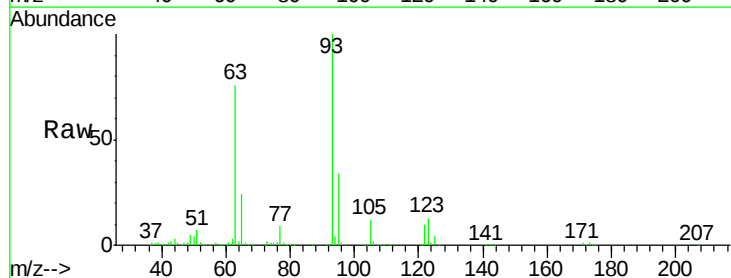
Manual Integrations
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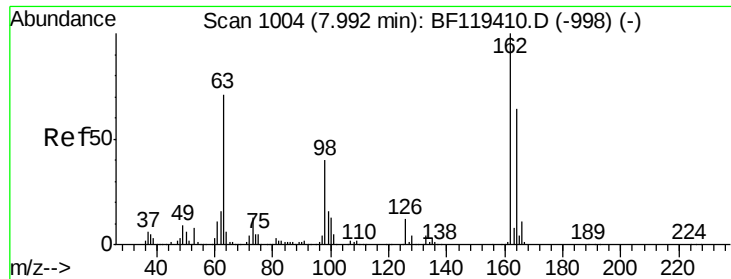
mohammad
3/30/2020 8:50:54 AM



#28
bis(2-Chloroethoxy)methane
Concen: 48.112 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.0	39.0
123	12.7	9.7	14.5





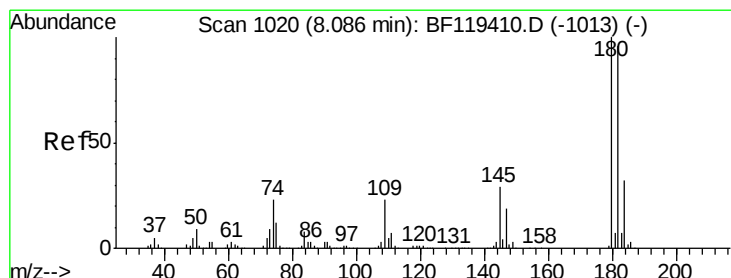
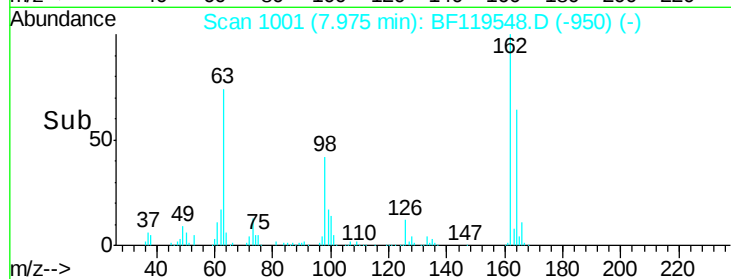
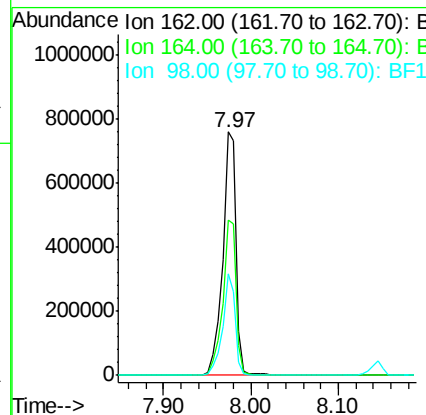
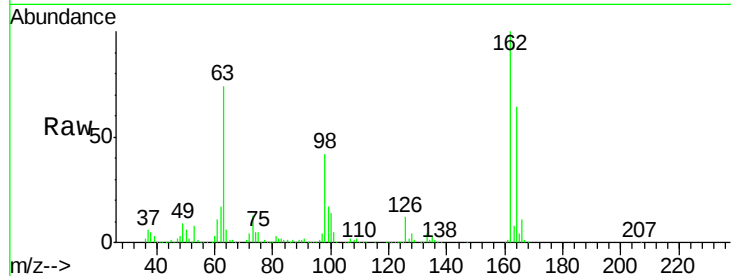
#29
 2,4-Dichlorophenol
 Concen: 48.894 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.6	83.6
98	41.7	20.4	60.4

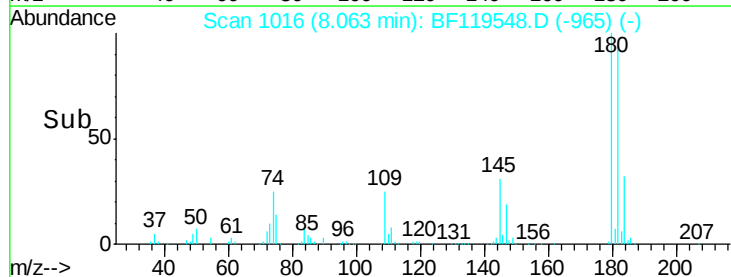
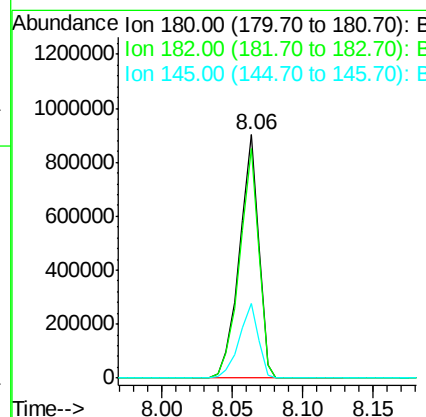
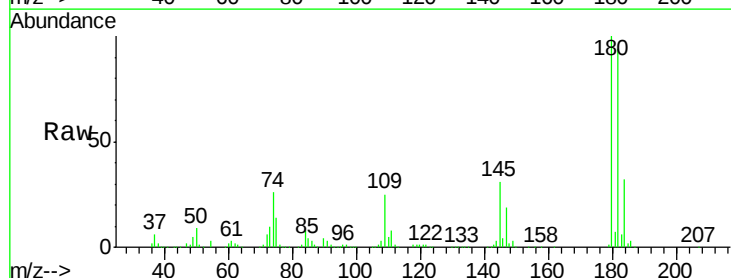
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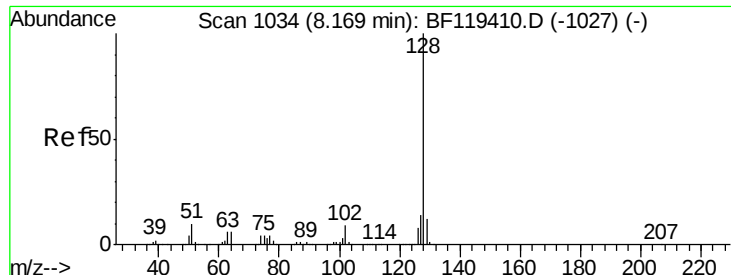
mohammad
 3/30/2020 8:50:54 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 47.059 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.6	115.0
145	30.7	23.2	34.8





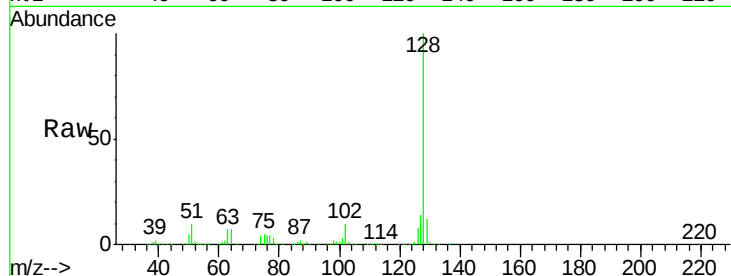
#31
Naphthalene
Concen: 46.173 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

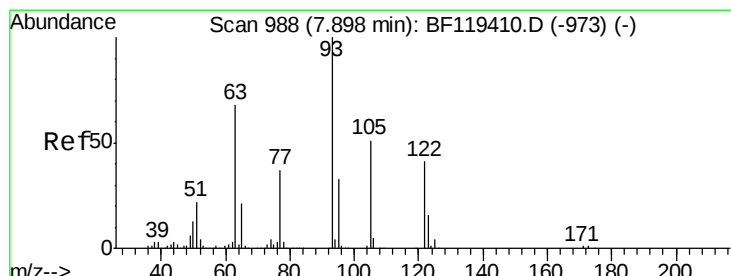
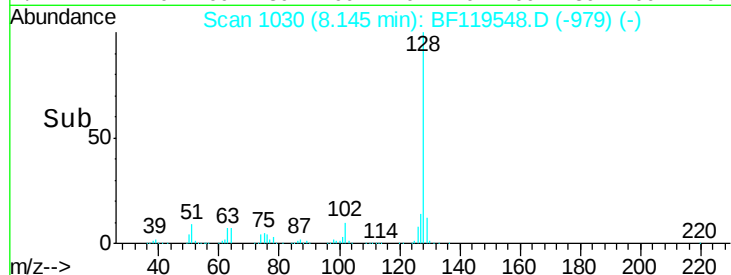
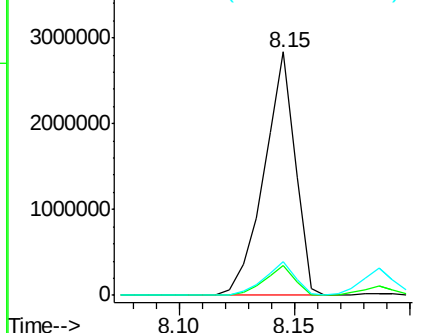
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.3	13.9
127	14.0	11.0	16.4

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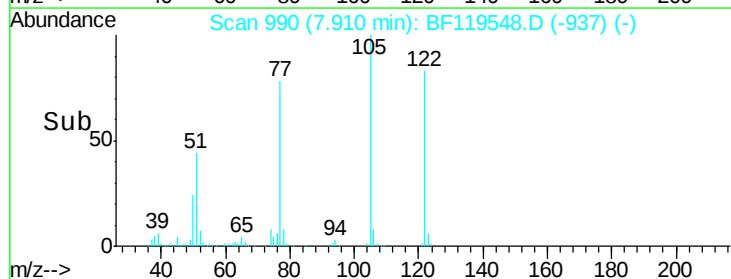
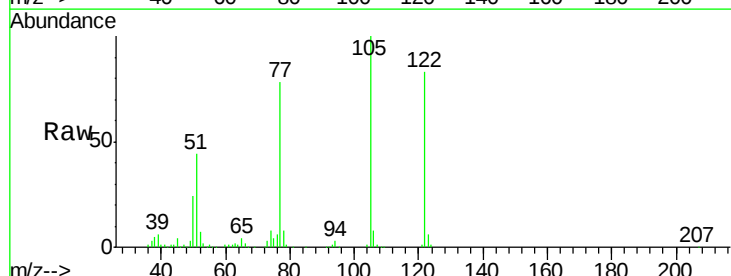
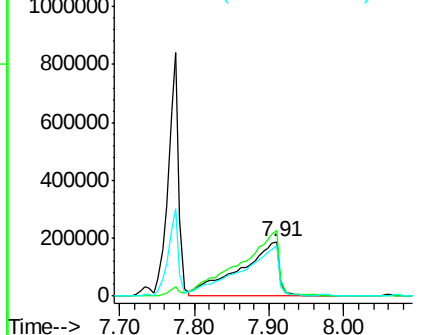
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

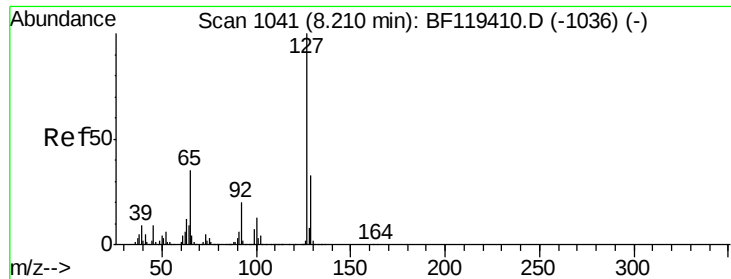


#32
Benzoic acid
Concen: 59.792 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.1	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





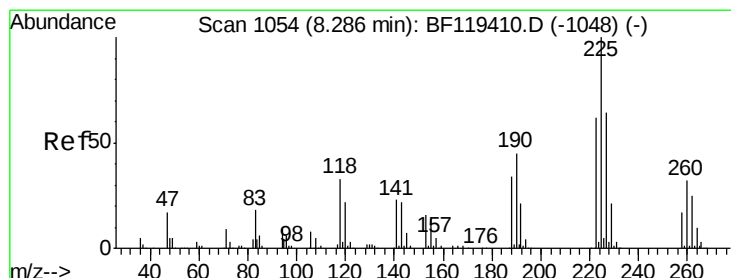
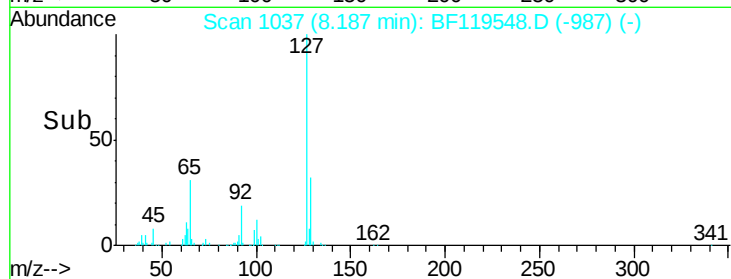
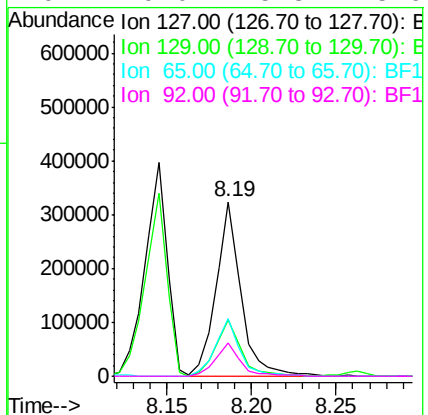
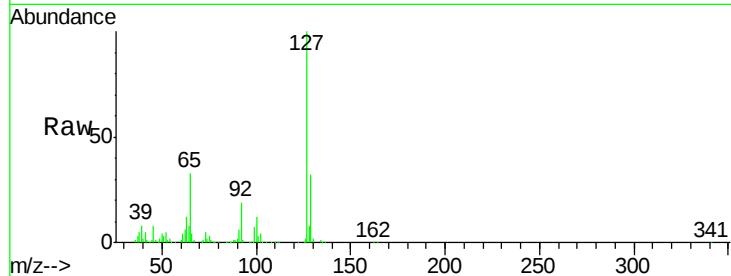
#33
4-Chloroaniline
Concen: 12.644 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		333391		
129	32.0	26.2	39.4		
65	32.7	27.7	41.5		
92	19.0	15.8	23.6		

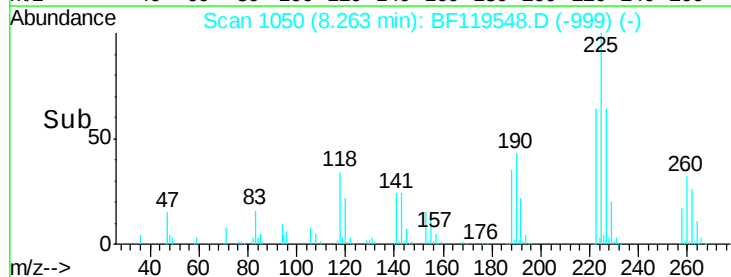
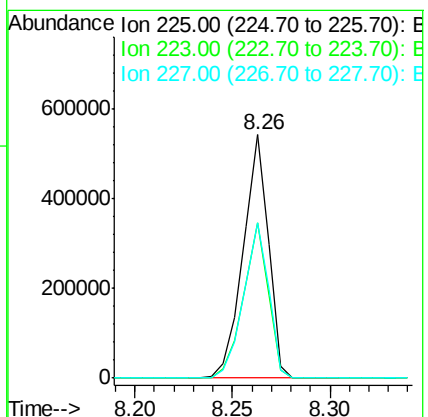
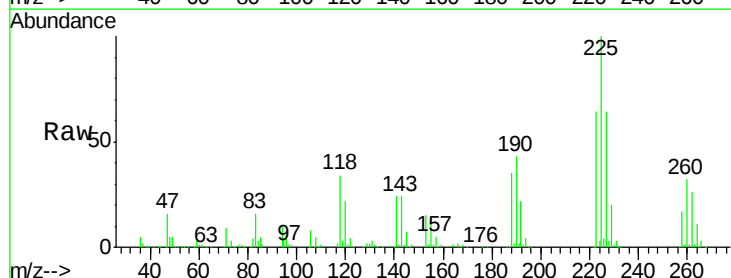
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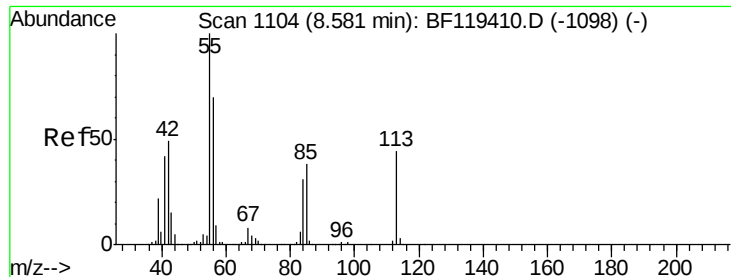
mohammad
3/30/2020 8:50:54 AM



#34
Hexachlorobutadiene
Concen: 47.742 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		485901		
223	63.6	49.2	73.8		
227	64.0	51.1	76.7		





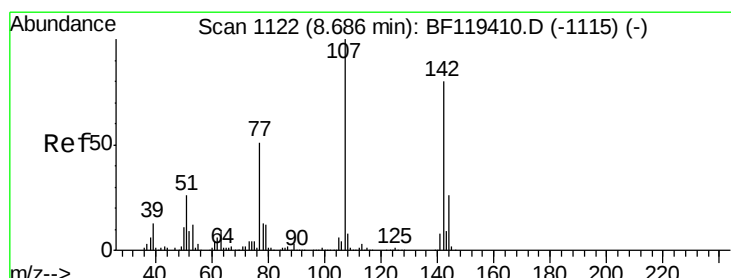
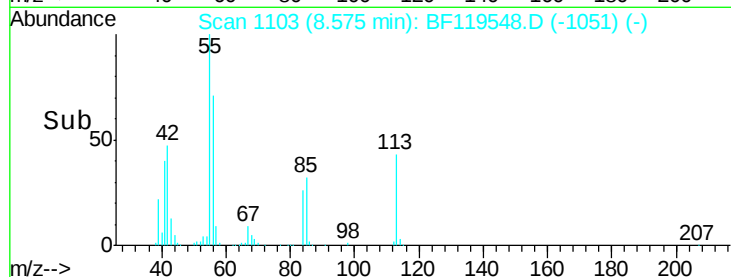
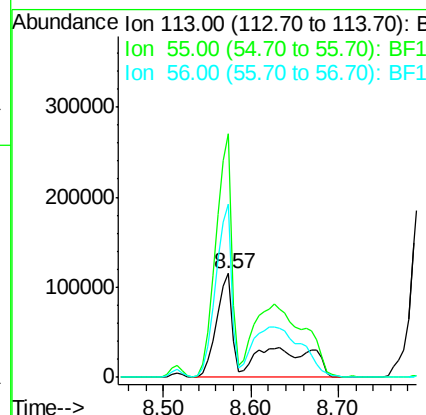
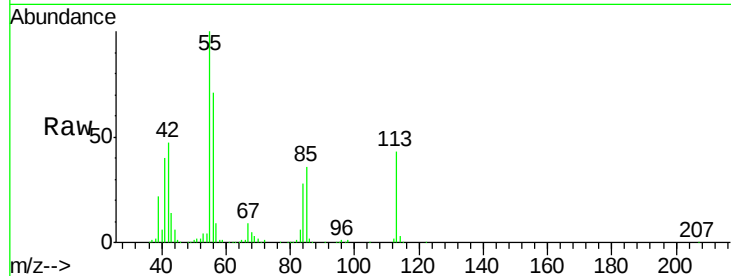
#35
Caprolactam
Concen: 53.628 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	288689		
55	234.4	208.4	248.4	
56	166.9	138.9	178.9	

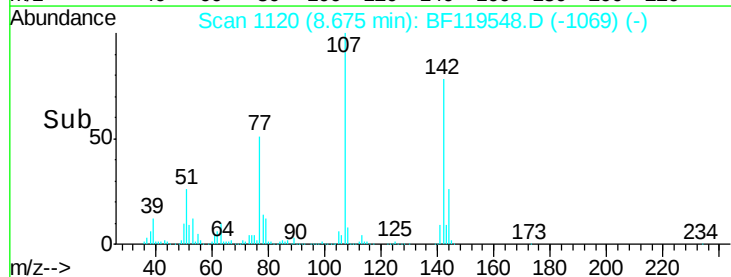
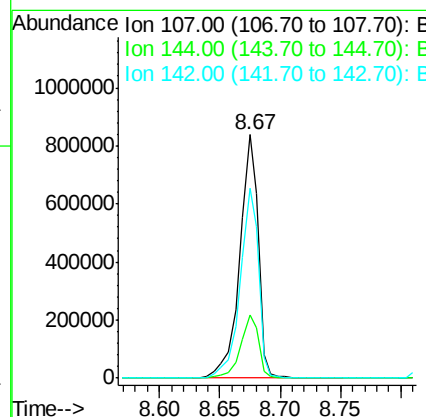
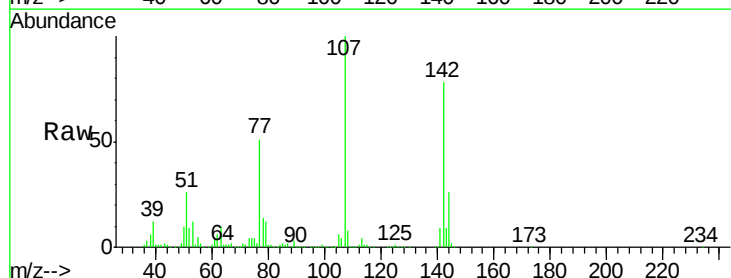
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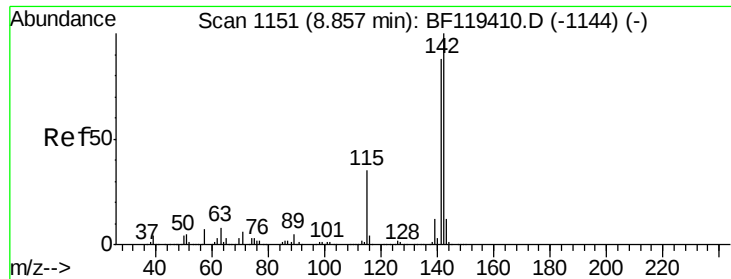
mohammad
3/30/2020 8:50:54 AM



#36
4-Chloro-3-methylphenol
Concen: 49.884 ng/ml
RT: 8.67 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	896784		
144	25.9	20.6	31.0	
142	77.9	63.8	95.6	





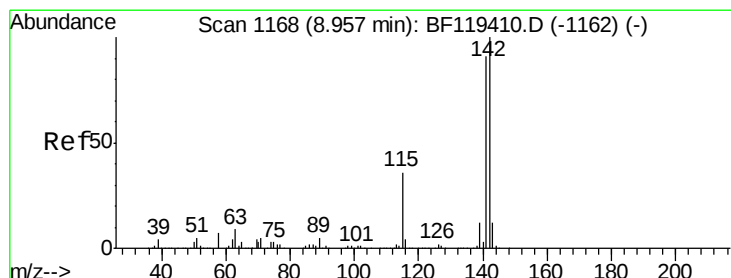
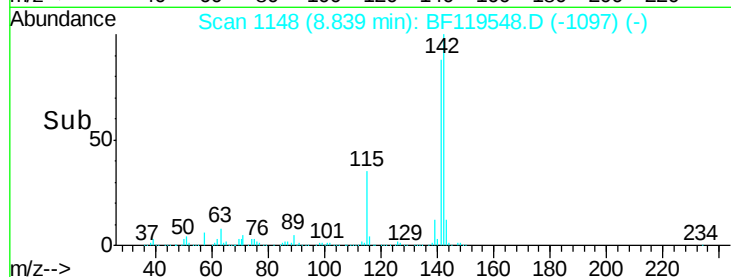
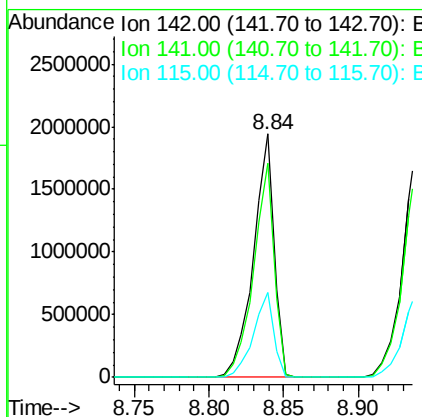
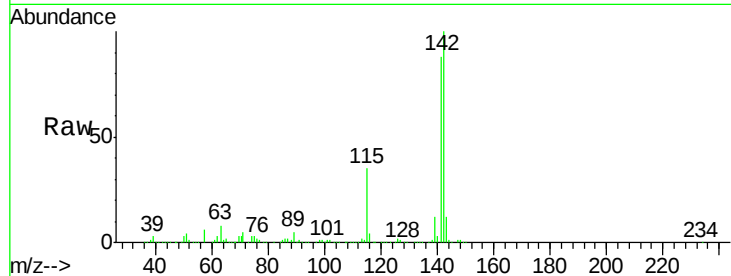
#37
2-Methylnaphthalene
Concen: 49.104 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	Ion	Ratio	Lower	Upper
142	100			
141	88.0	70.4	105.6	
115	35.1	27.8	41.6	

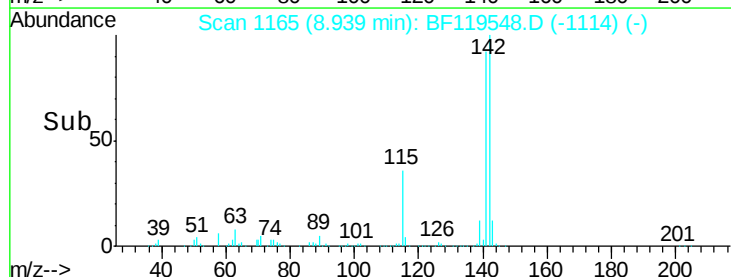
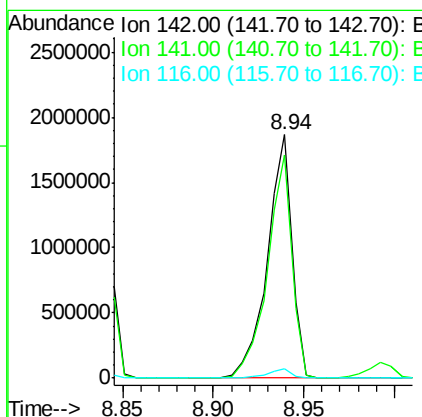
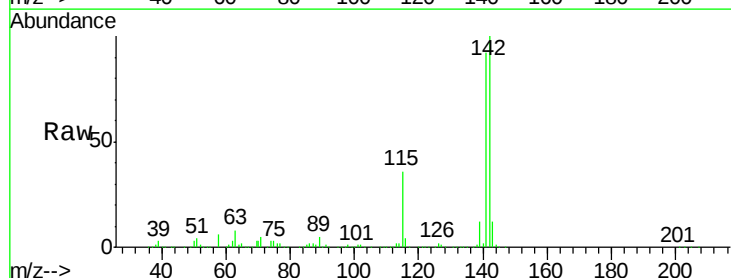
Manual Integrations
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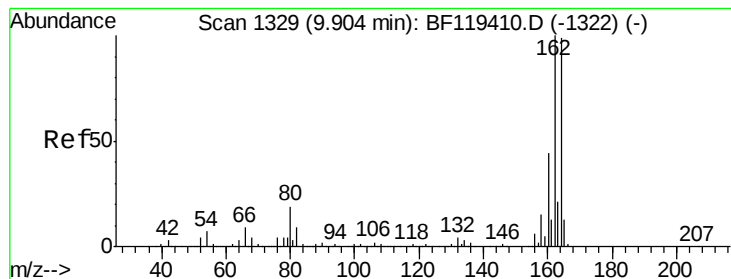
mohammad
3/30/2020 8:50:54 AM



#38
1-Methylnaphthalene
Concen: 49.112 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion	Ion	Ratio	Lower	Upper
142	100			
141	91.9	73.1	109.7	
116	3.9	3.0	4.6	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

BNA_F

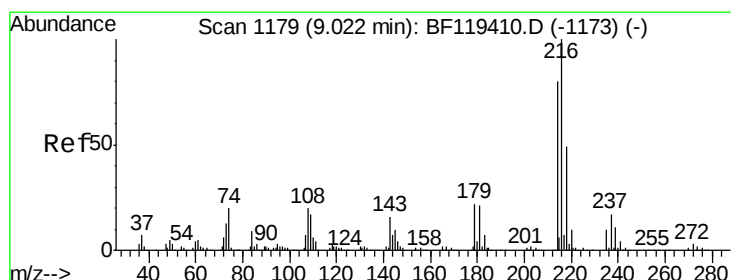
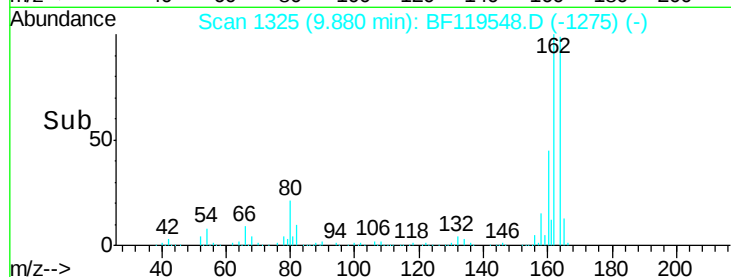
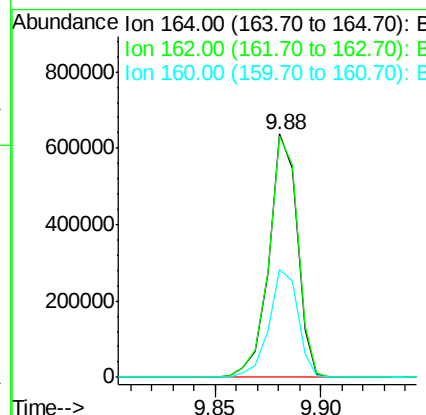
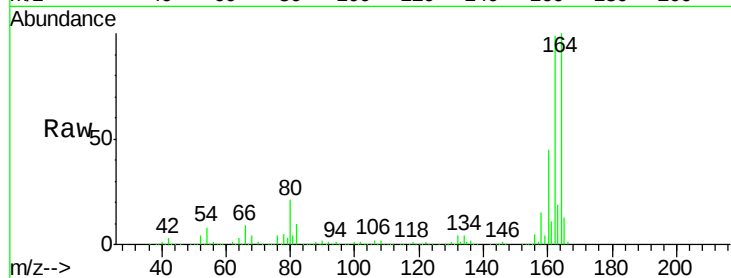
ClientSampleId :

SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.8	80.7	121.1
160	44.6	35.5	53.3

Manual Integrations
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.155 ng

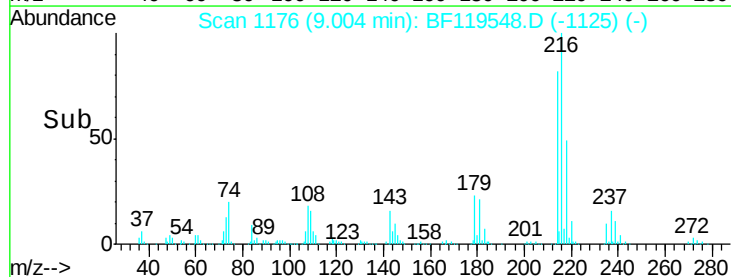
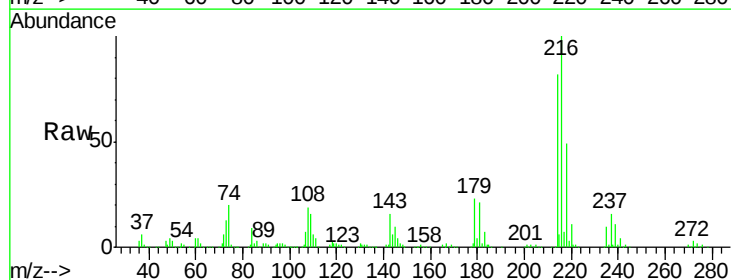
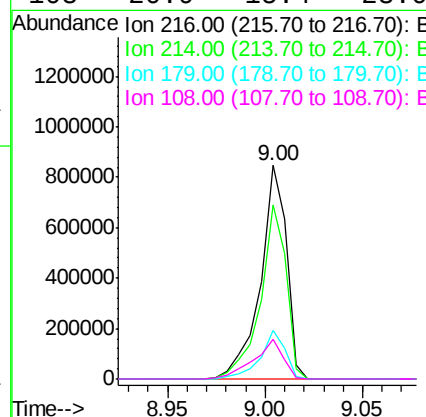
RT: 9.00 min Scan# 1176

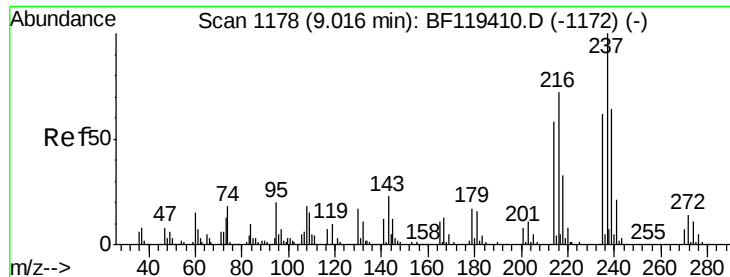
Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.0	94.6
179	21.6	17.0	25.4
108	20.9	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 97.845 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

BNA_F

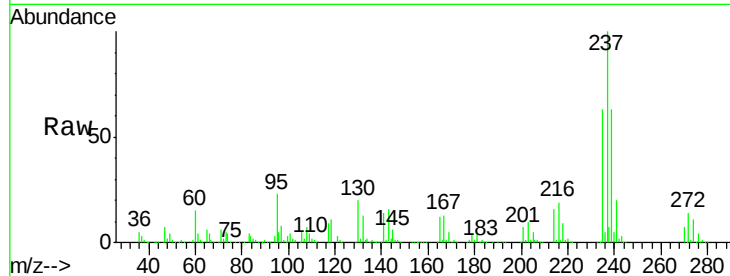
ClientSampleId :

SB-30-(8-8.5)MS

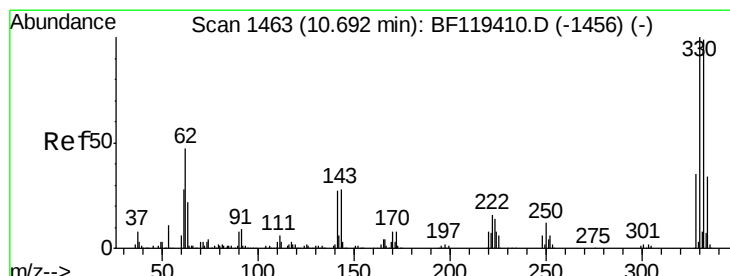
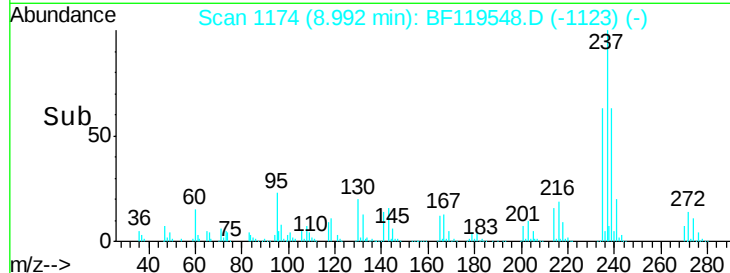
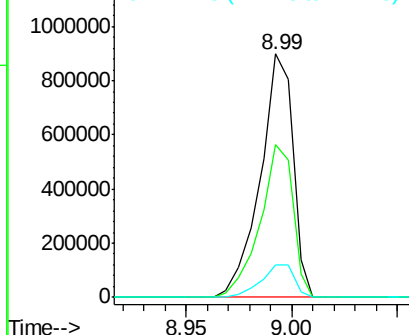
Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100		972138		
235	63.0		42.5	82.5	
272	13.5		0.0	34.3	

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



#42

2,4,6-Tribromophenol

Concen: 105.079 ng

RT: 10.67 min Scan# 1460

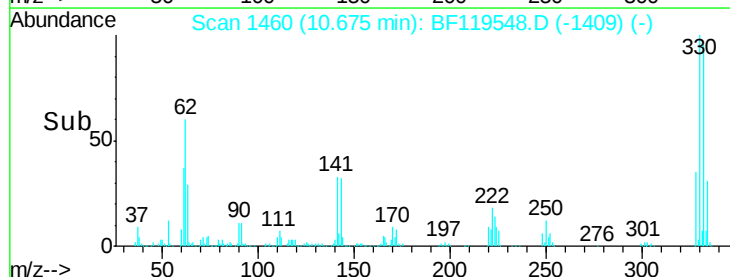
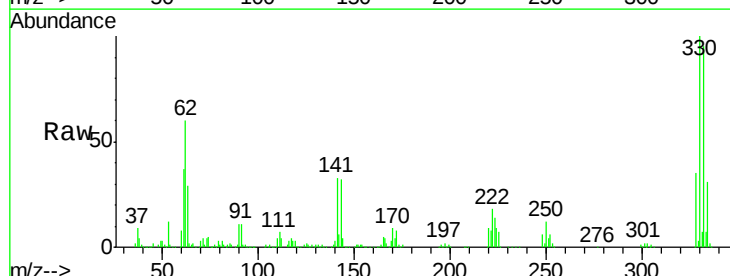
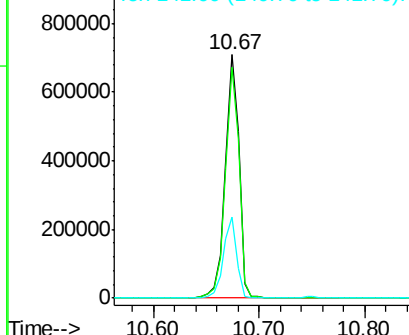
Delta R.T. -0.00 min

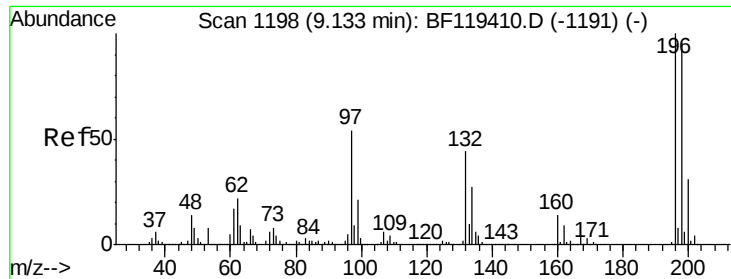
Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100		646361		
332	95.0		77.6	116.4	
141	32.3		26.6	40.0	

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





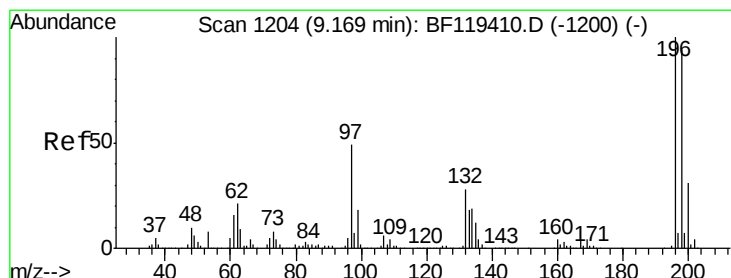
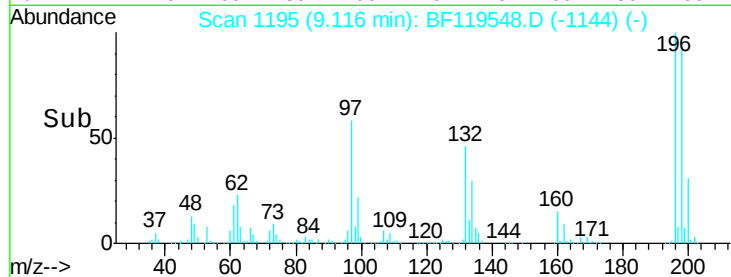
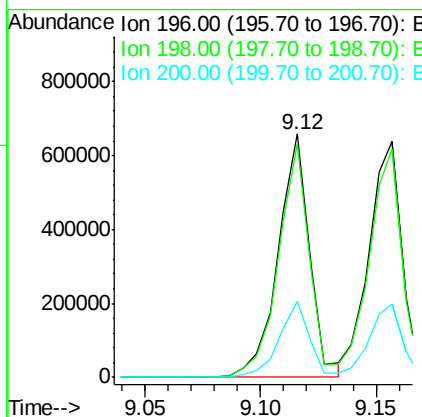
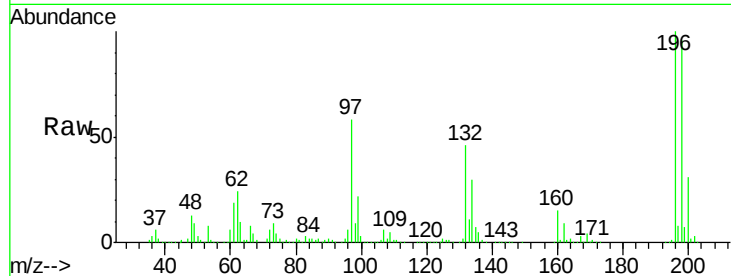
#43
 2,4,6-Trichlorophenol
 Concen: 49.453 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	618484		
198	96.0	77.0	115.4	
200	31.0	25.1	37.7	

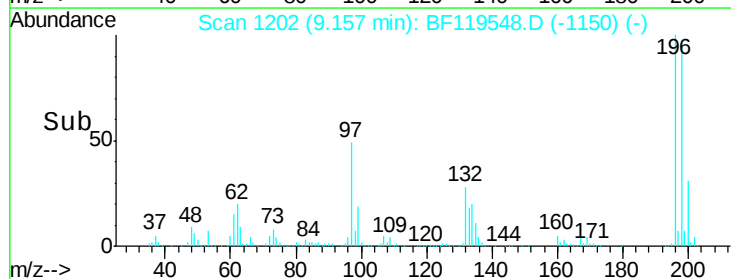
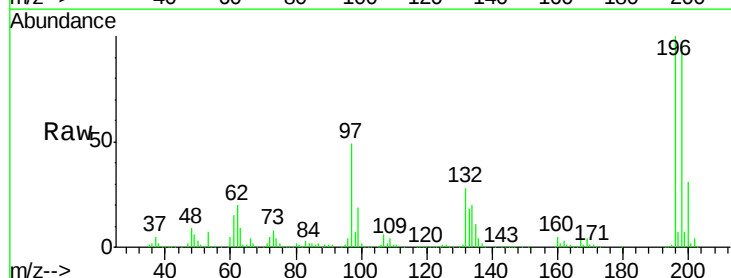
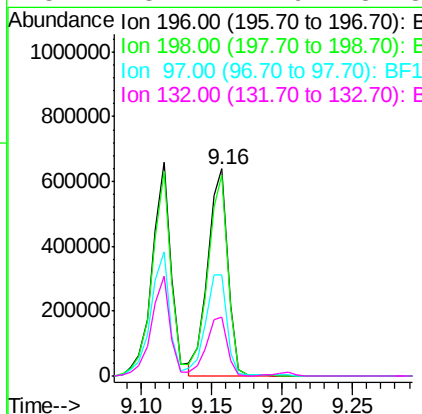
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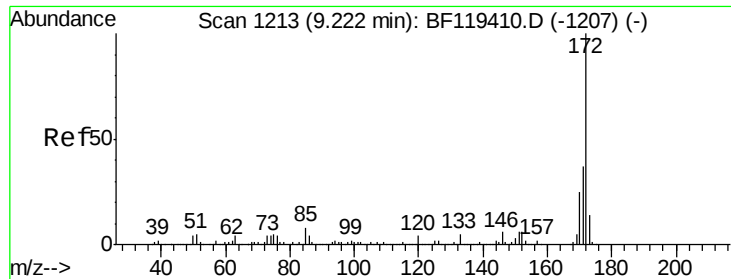
mohammad
 3/30/2020 8:50:54 AM



#44
 2,4,5-Trichlorophenol
 Concen: 45.052 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	631190		
198	97.0	75.3	112.9	
97	48.9	39.0	58.4	
132	28.4	22.9	34.3	





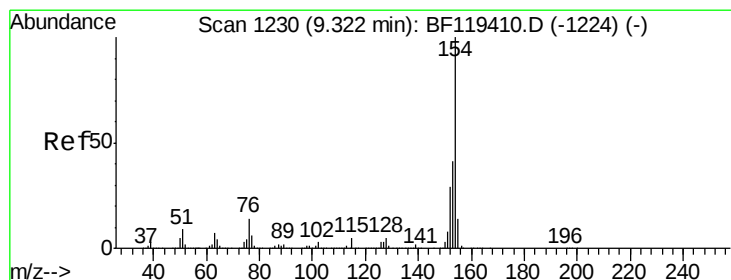
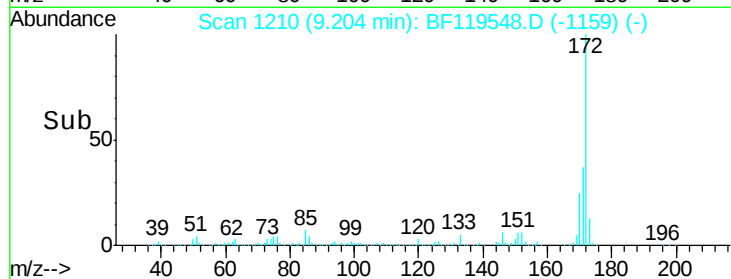
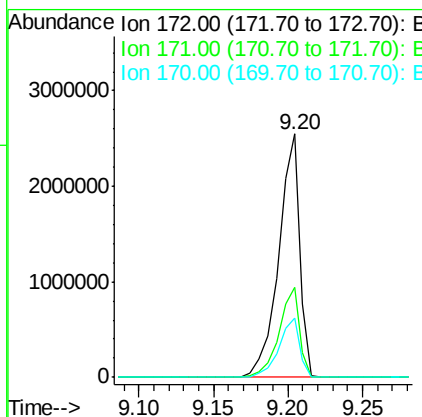
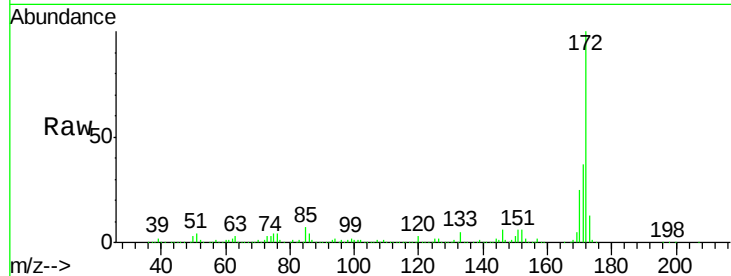
#45
2-Fluorobiphenyl
Concen: 62.561 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.9	44.9
170	24.6	20.1	30.1

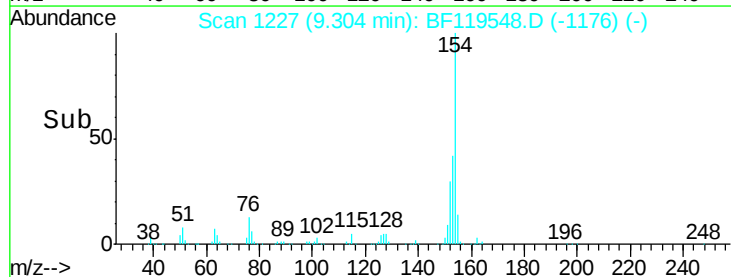
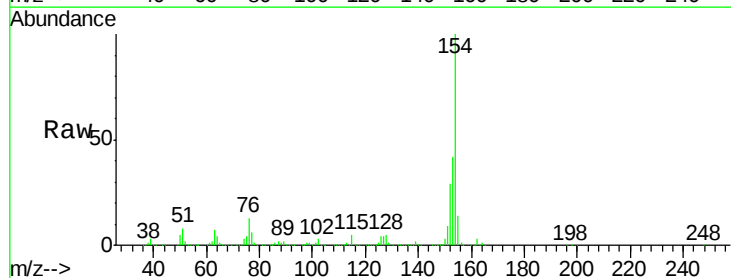
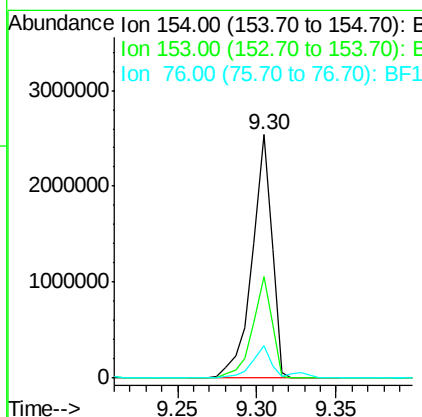
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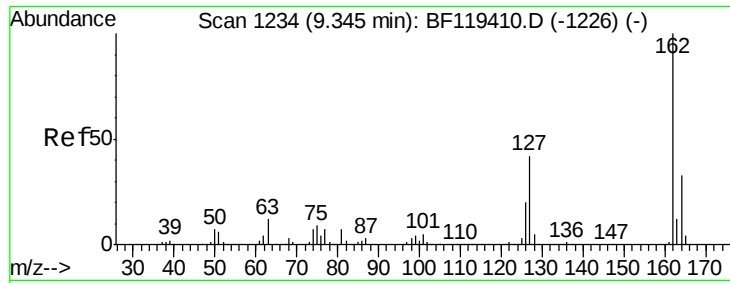
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#46
1,1'-Biphenyl
Concen: 45.210 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.4	61.4
76	13.4	0.0	33.6





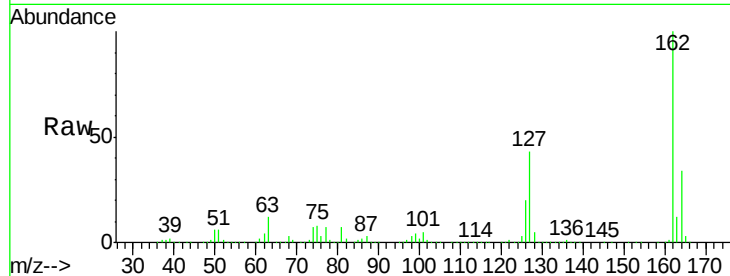
#47
 2-Chloronaphthalene
 Concen: 45.194 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

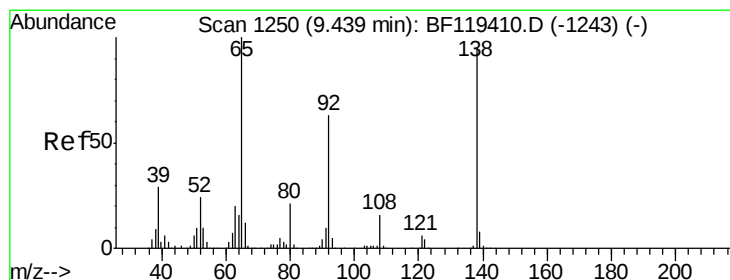
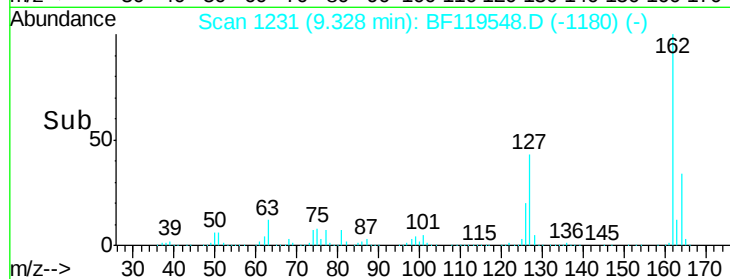
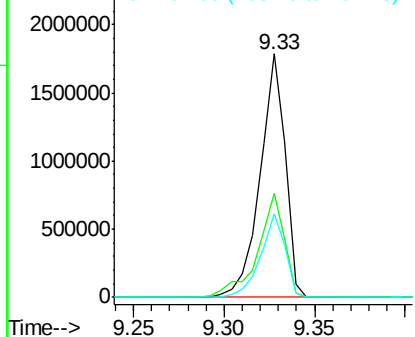
Tot Ion	Ion	Ratio	Lower	Upper
162	100			
127	42.6	33.7	50.5	
164	34.2	26.2	39.4	

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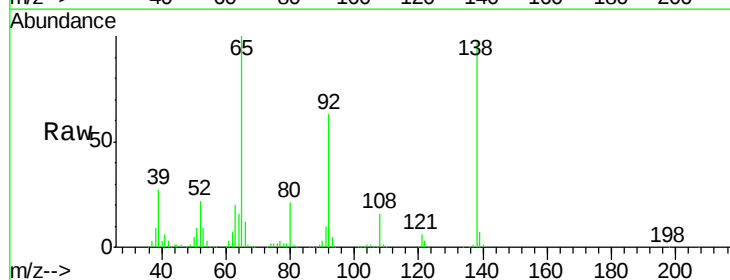


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

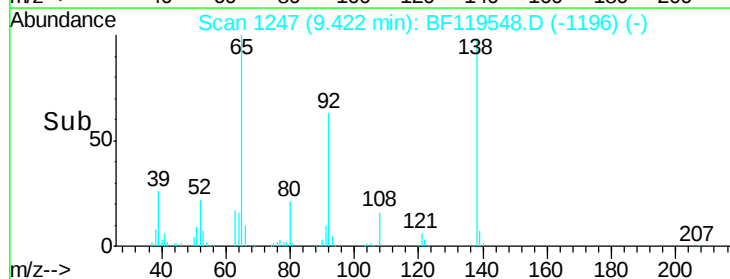
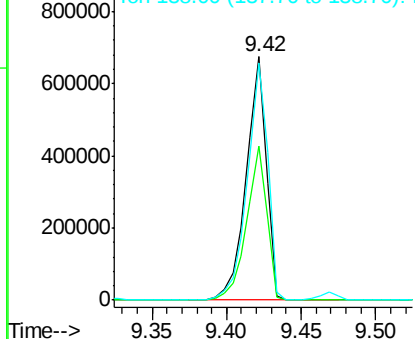


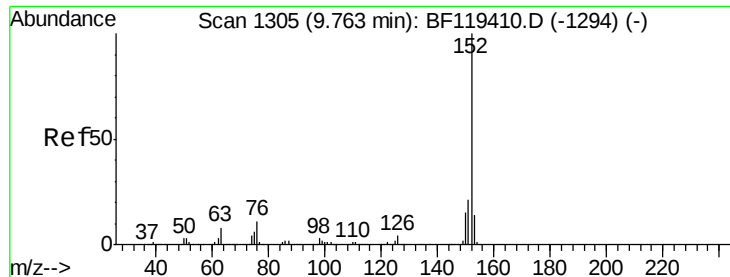
#48
 2-Nitroaniline
 Concen: 47.880 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
92	63.1	50.5	75.7	
138	97.4	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





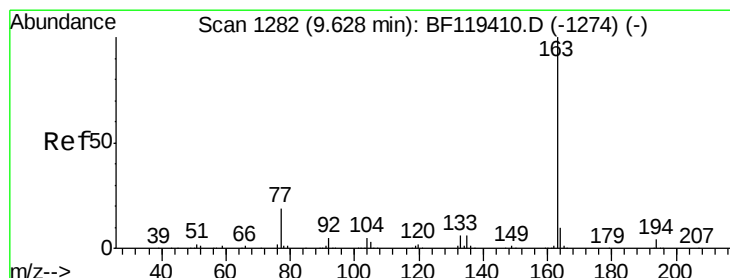
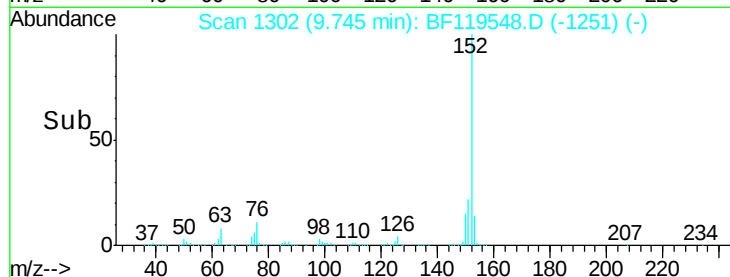
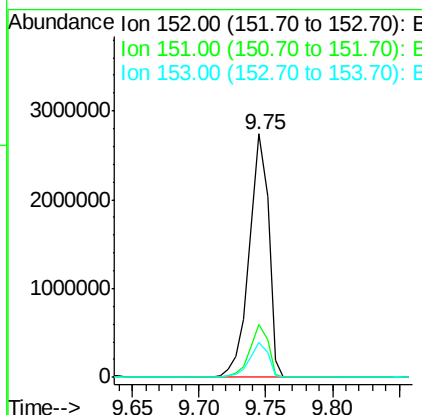
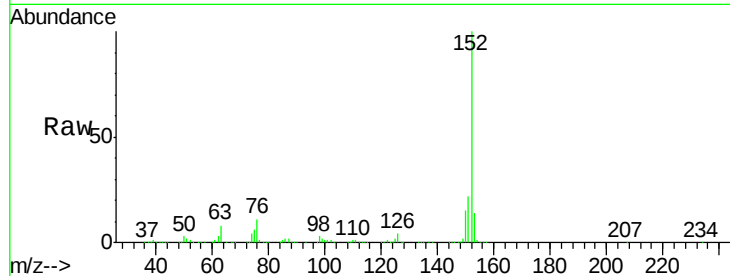
#49
Acenaphthylene
Concen: 45.340 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.8	25.2
153	14.2	11.2	16.8

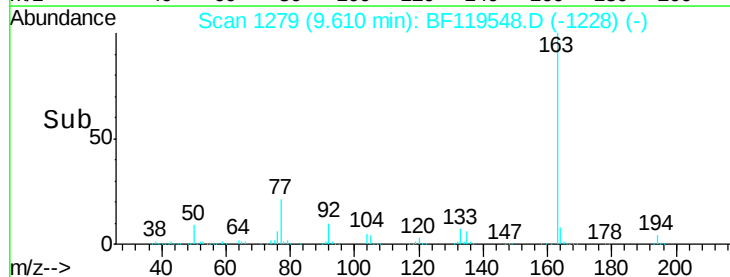
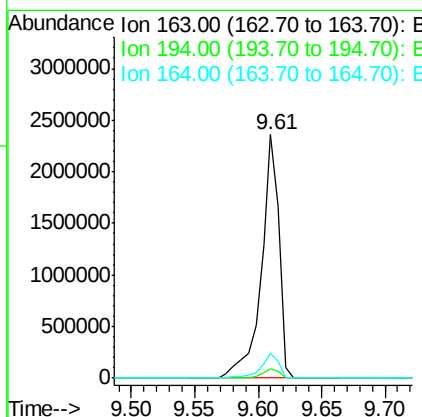
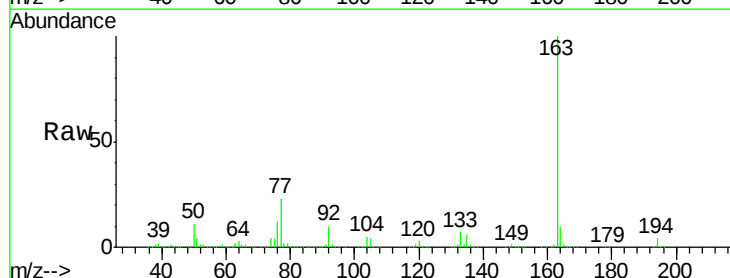
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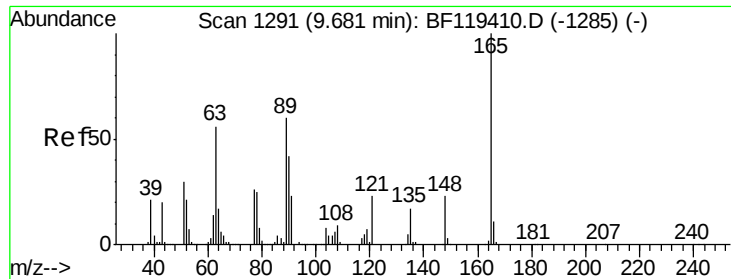
mohammad
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#50
Dimethylphthalate
Concen: 54.399 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.4	8.1	12.1





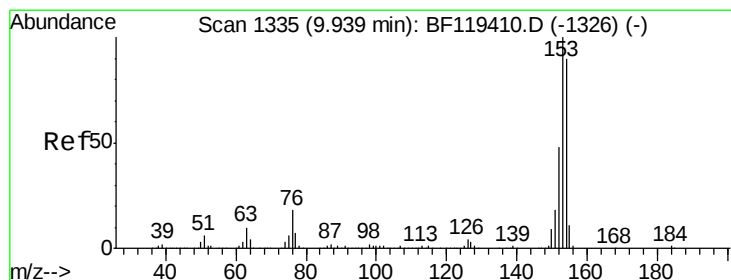
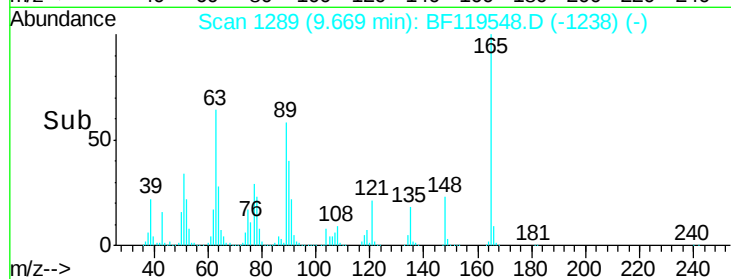
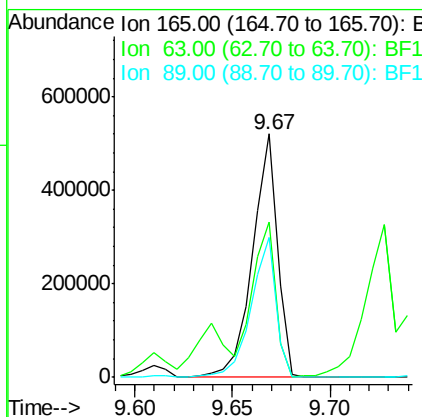
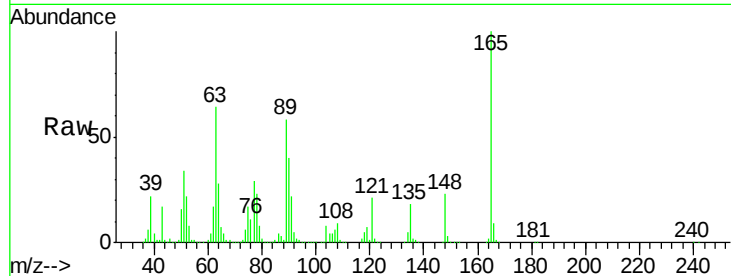
#51
 2,6-Dinitrotoluene
 Concen: 50.939 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.7	57.3	85.9
89	57.6	47.8	71.8

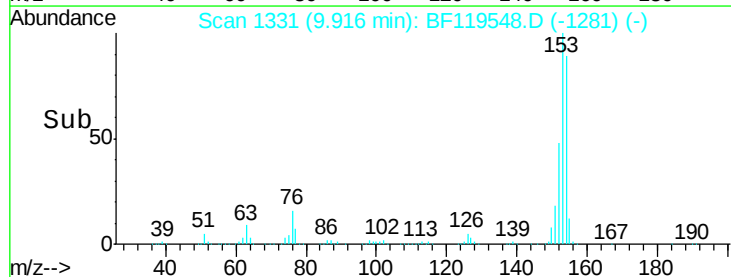
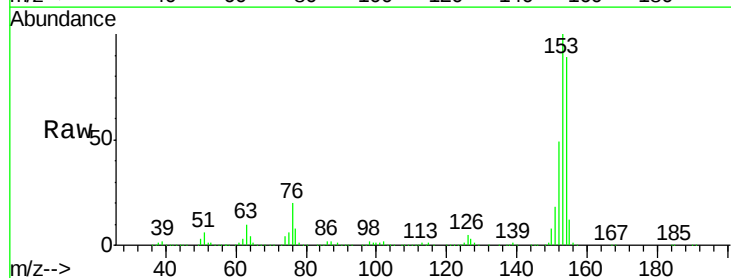
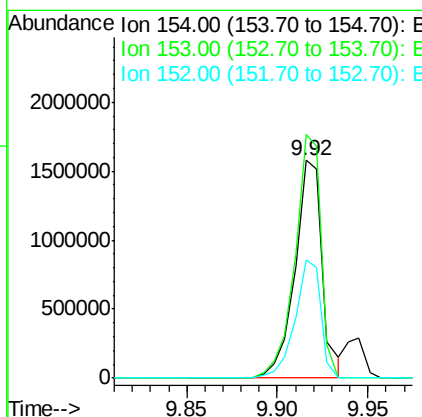
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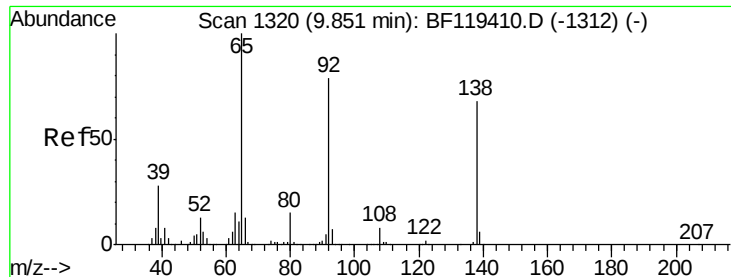
mohammad
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#52
 Acenaphthene
 Concen: 44.880 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.0	133.6
152	54.5	43.1	64.7





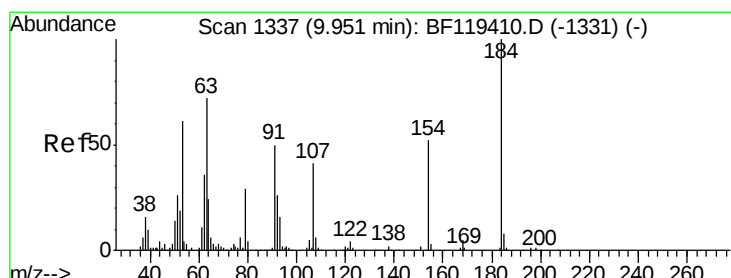
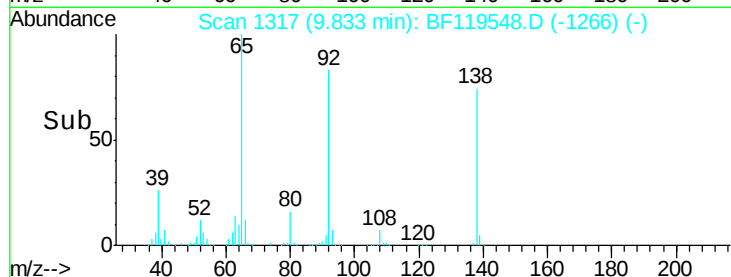
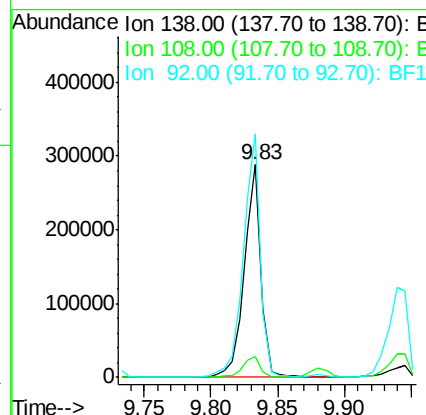
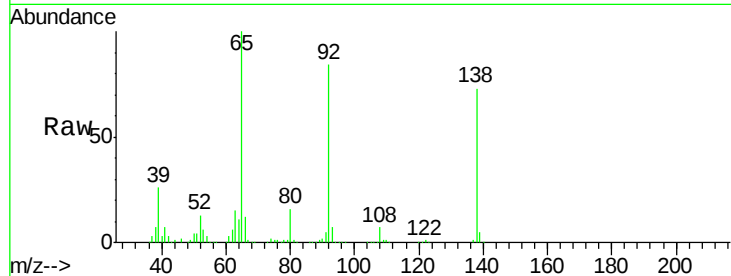
#53
3-Nitroaniline
Concen: 21.831 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	250189		
108	9.9	9.0	13.6	
92	114.6	93.2	139.8	

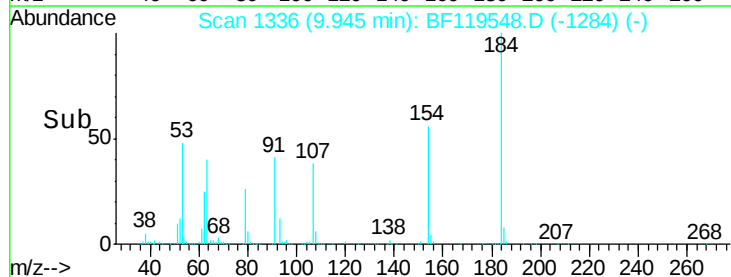
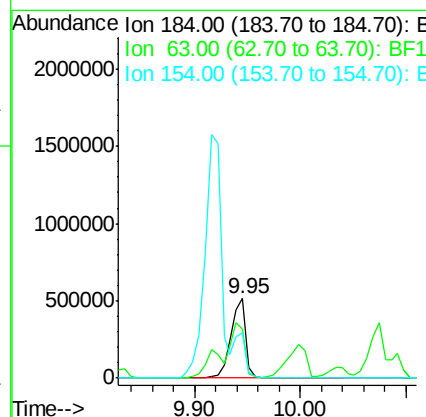
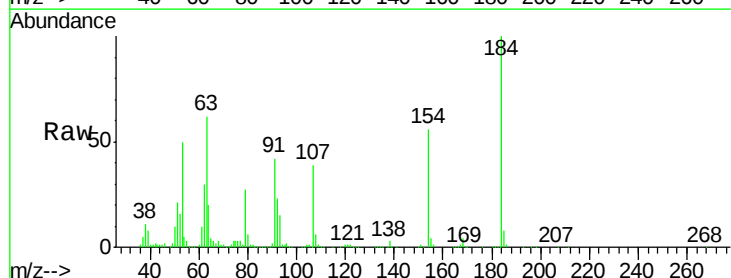
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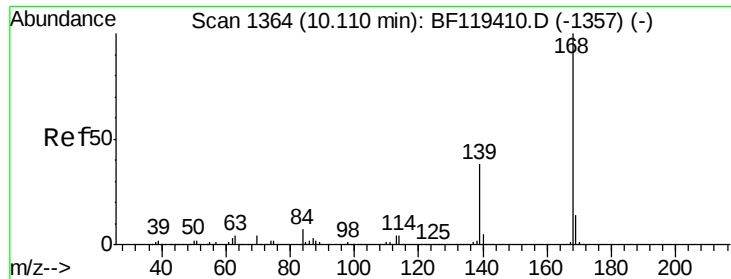
mohammad
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#54
2,4-Dinitrophenol
Concen: 122.834 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	499313		
63	62.3	58.5	87.7	
154	56.4	51.8	77.6	





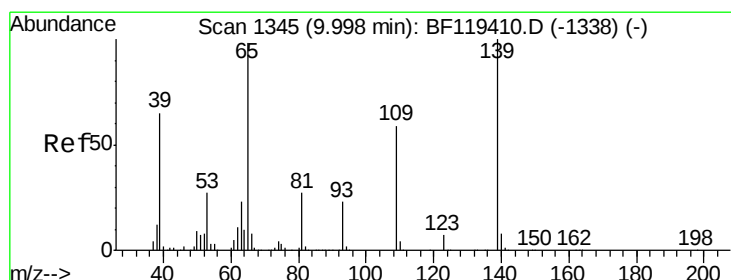
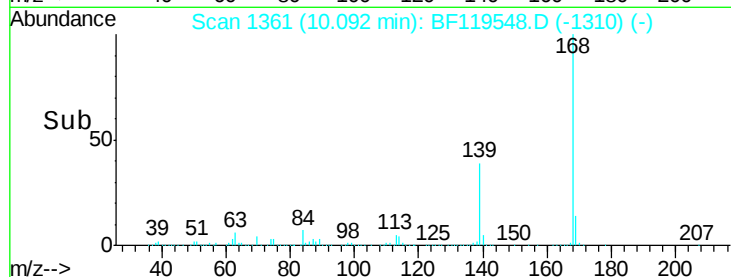
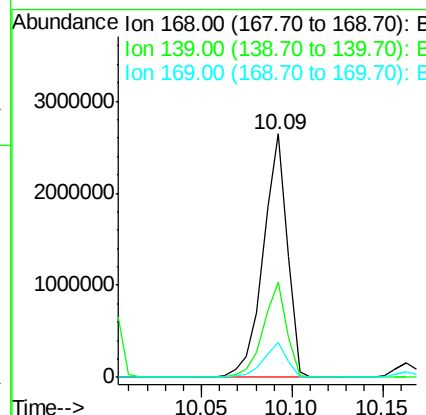
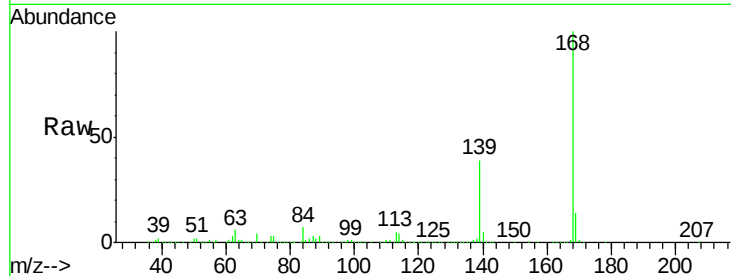
#55
Dibenzofuran
Concen: 45.677 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Instrument :
BNA_F
ClientSampled :
SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.2	45.4
169	14.3	11.1	16.7

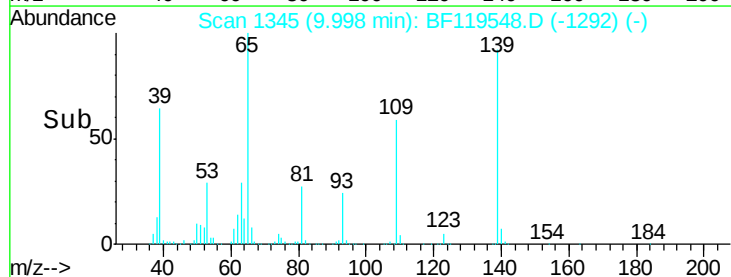
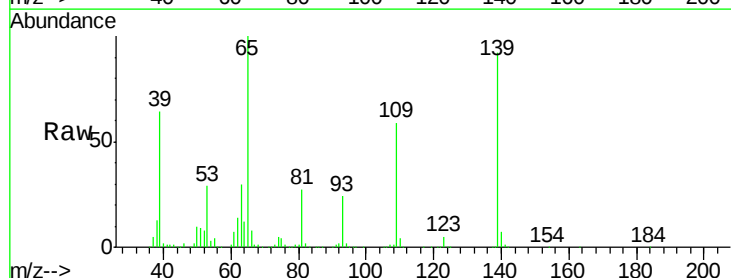
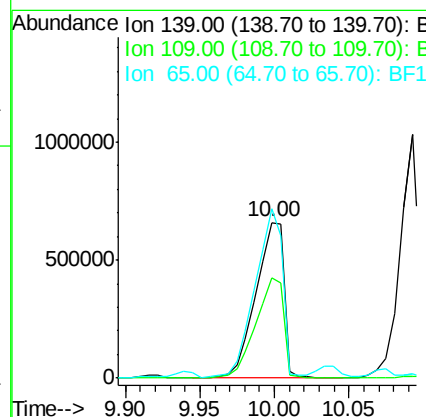
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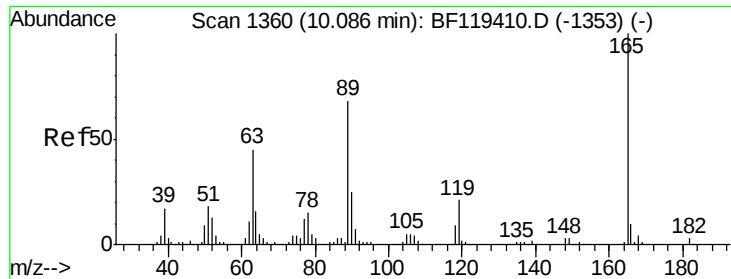
mohammad
3/30/2020 8:50:54 AM



#56
4-Nitrophenol
Concen: 94.082 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.3	39.6	79.6
65	109.1	78.3	118.3





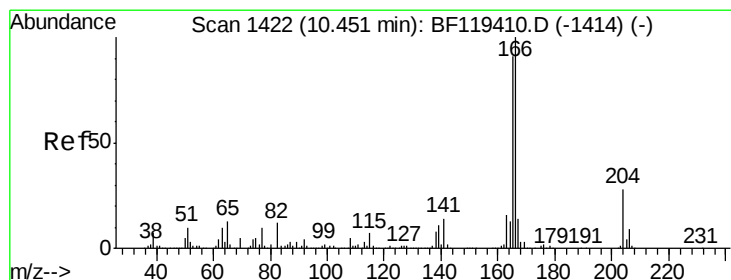
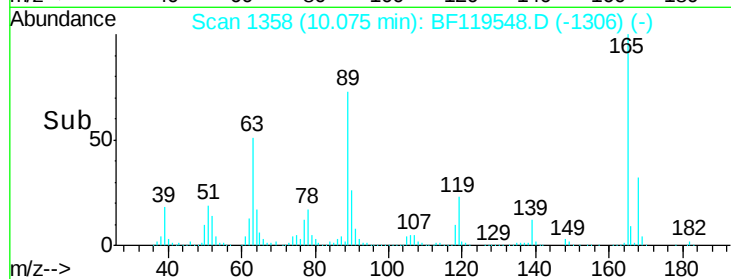
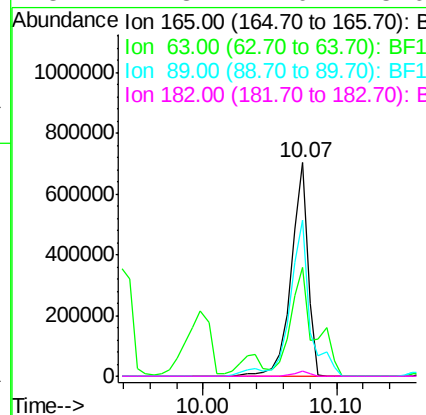
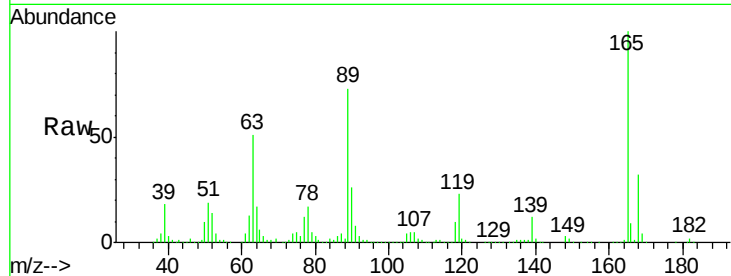
#57
2,4-Dinitrotoluene
Concen: 54.650 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		624947		
63	50.7	36.2	54.4		
89	72.9	54.3	81.5		
182	2.3	2.0	3.0		

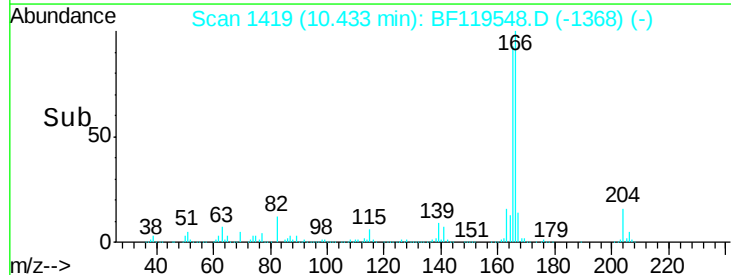
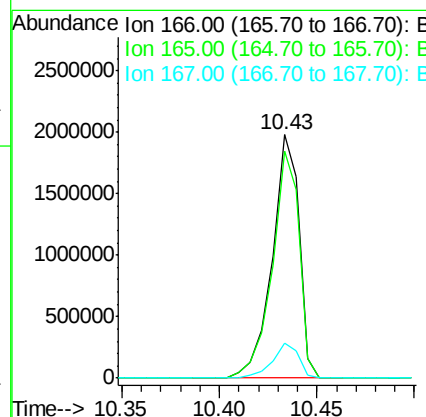
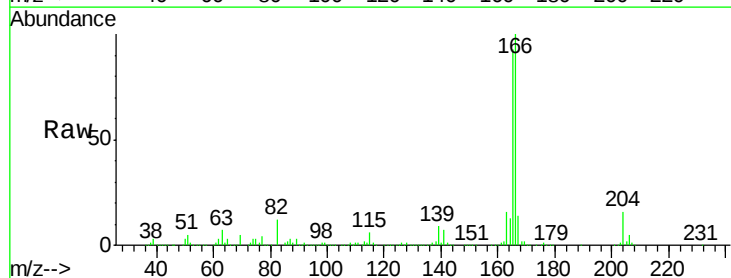
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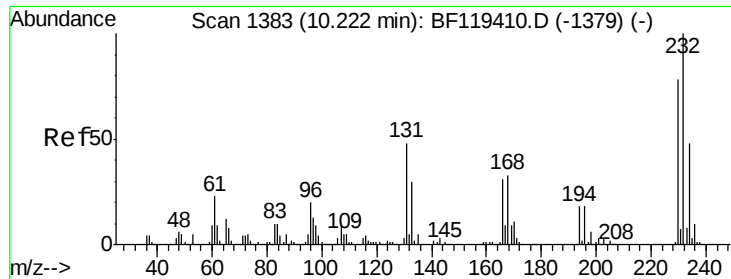
mohammad
3/30/2020 8:50:54 AM



#58
Fluorene
Concen: 47.941 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1892830		
165	93.1	73.1	109.7		
167	14.2	11.0	16.6		





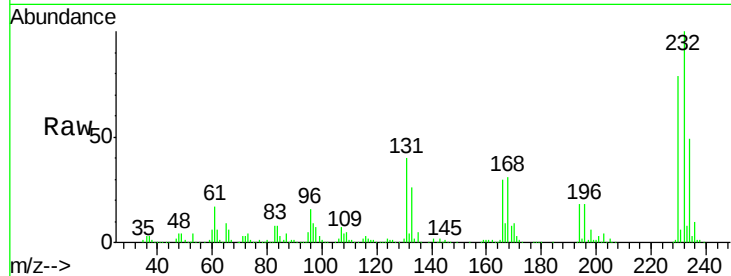
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.824 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.01 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

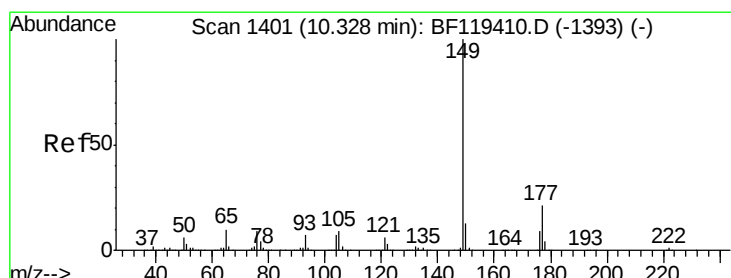
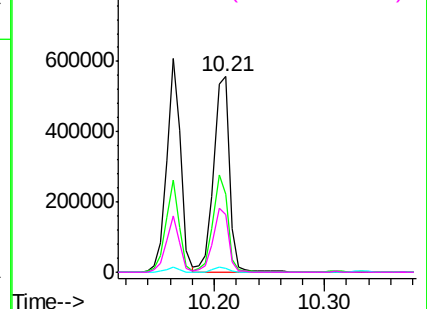
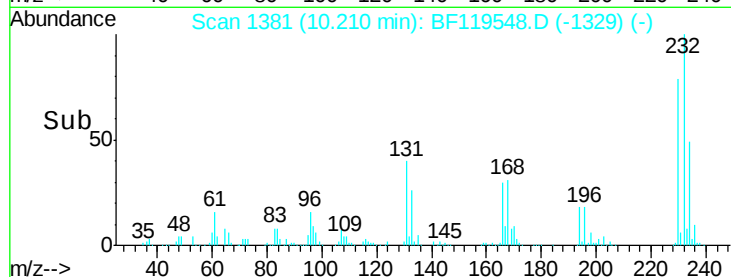
Tot Ion	Ratio	Lower	Upper
232	100		
131	46.1	36.3	54.5
130	2.2	1.8	2.6
166	31.2	24.9	37.3

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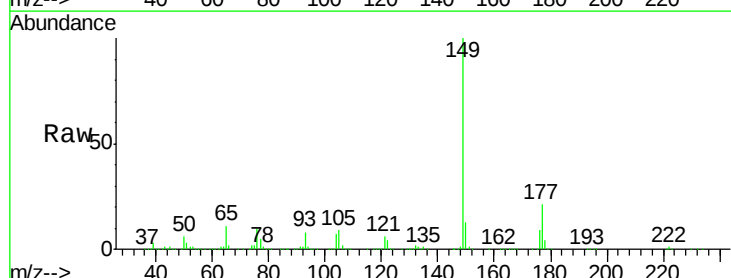


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

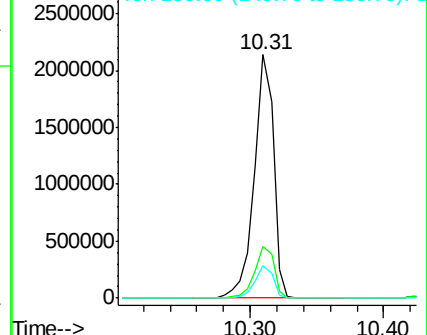
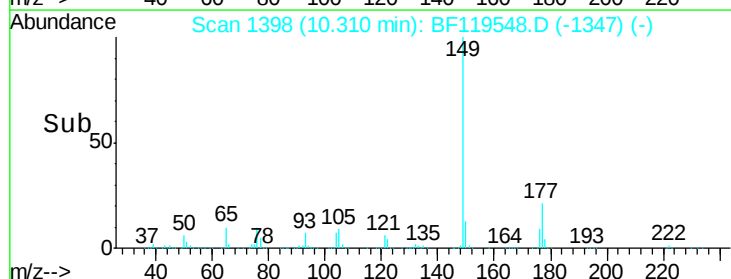


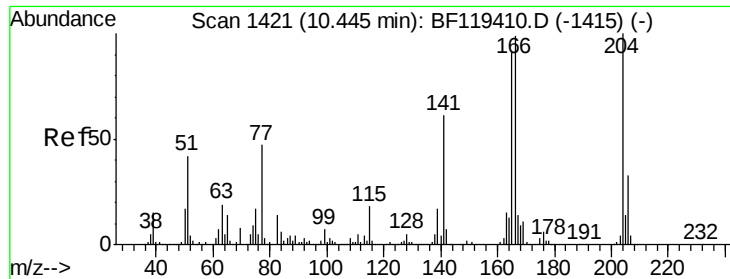
#60
 Diethylphthalate
 Concen: 48.824 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.0	25.6
150	13.1	10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





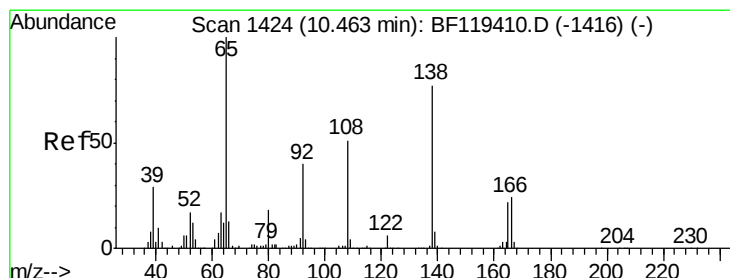
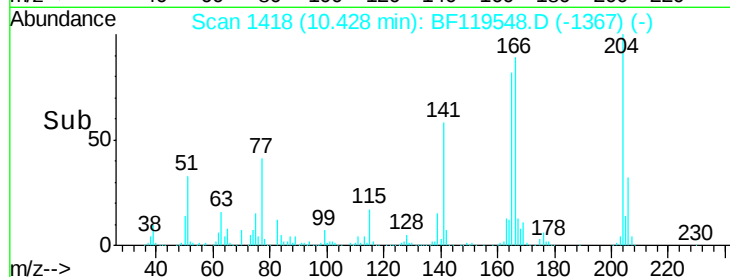
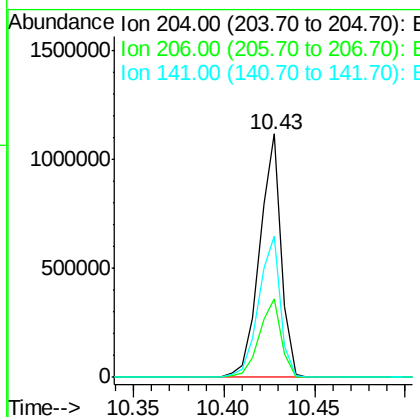
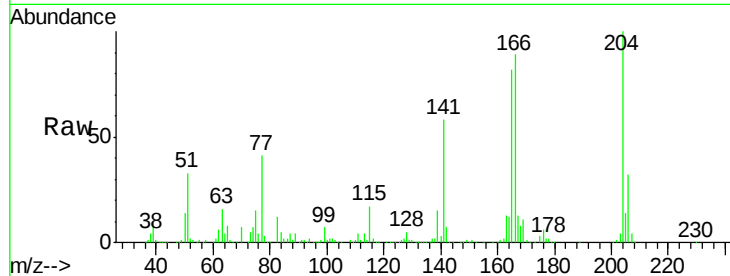
#61
4-Chlorophenyl-phenylether
Concen: 47.574 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.7	40.1
141	58.2	48.8	73.2

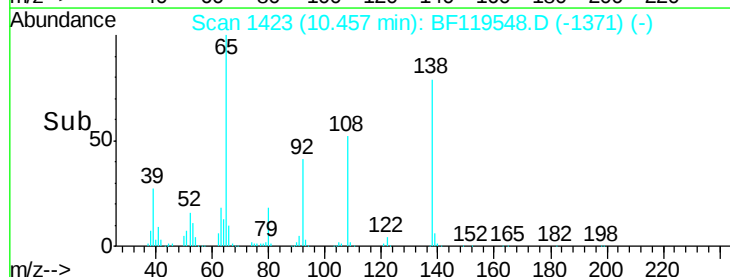
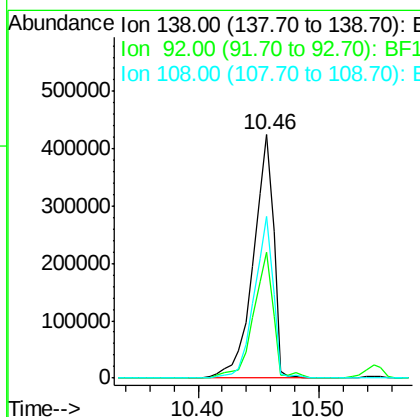
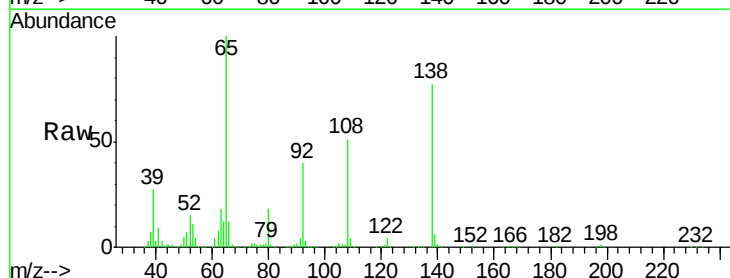
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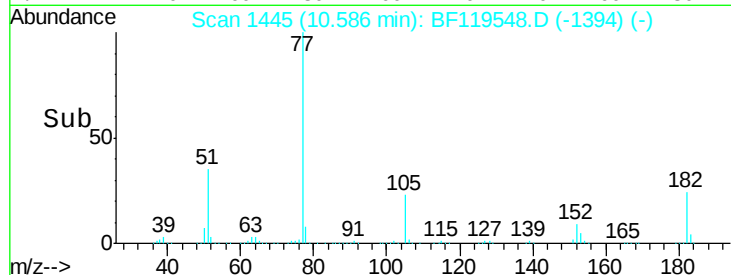
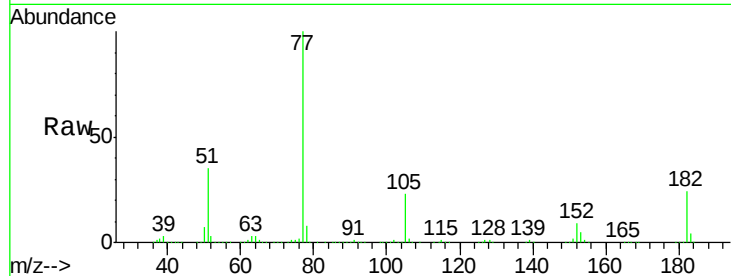
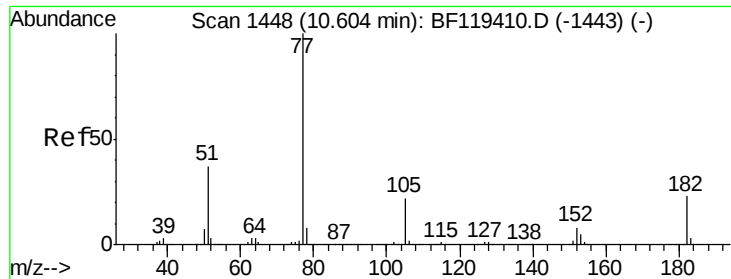
mohammad
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#62
4-Nitroaniline
Concen: 45.380 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.6	32.0	72.0
108	66.4	46.0	86.0





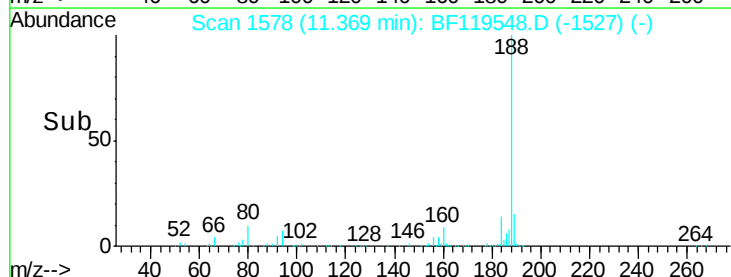
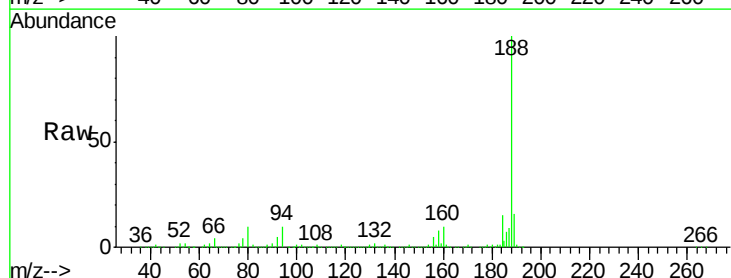
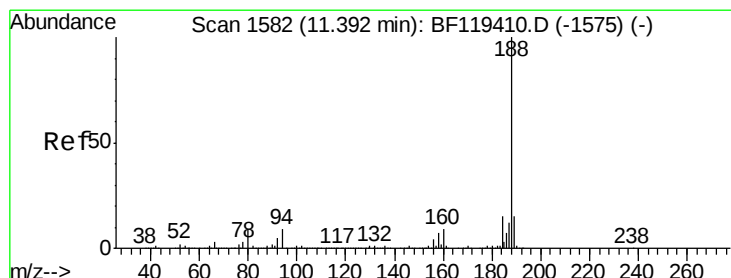
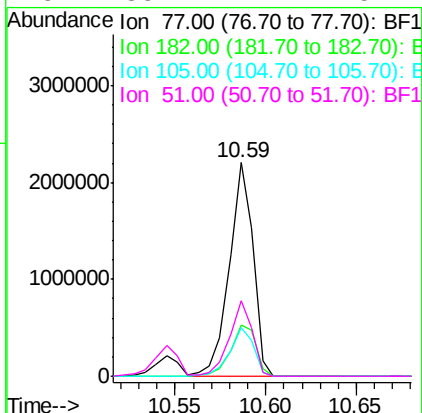
#63
Azobenzene
Concen: 46.528 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tot Ion: 77 Resp: 2013967
Ion Ratio Lower Upper
77 100
182 24.2 2.5 42.5
105 22.8 2.5 42.5
51 35.1 17.1 57.1

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

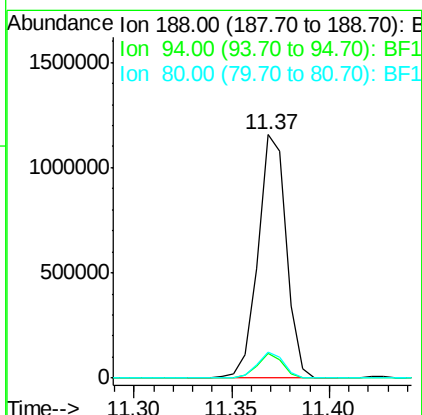
Manual Integrations
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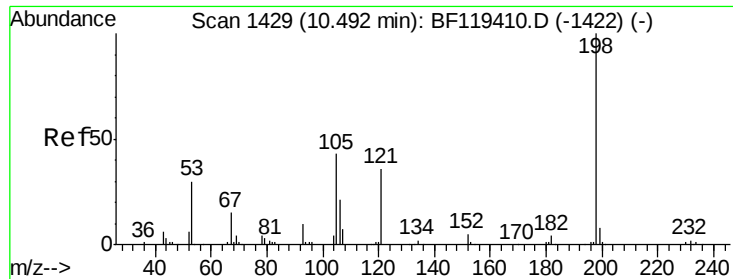
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion: 188 Resp: 1157130
Ion Ratio Lower Upper
188 100
94 10.1 7.1 10.7
80 10.5 7.5 11.3





#65

4,6-Dinitro-2-methylphenol

Concen: 66.860 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

BNA_F

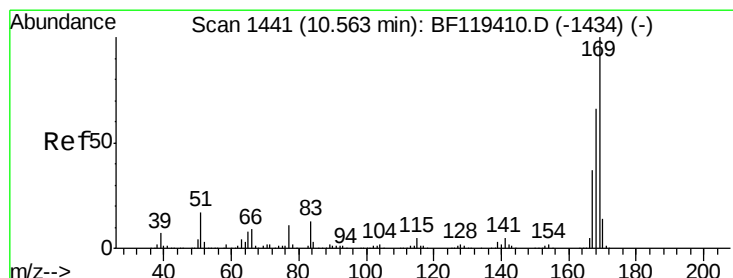
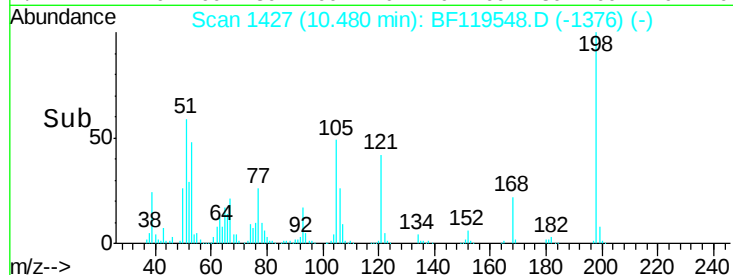
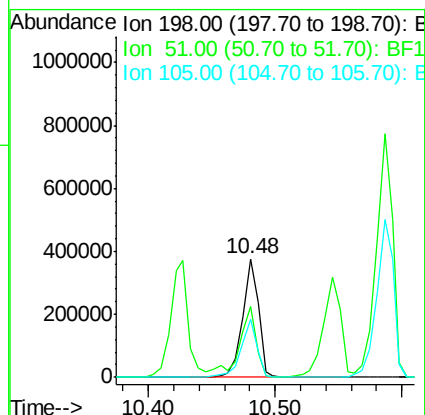
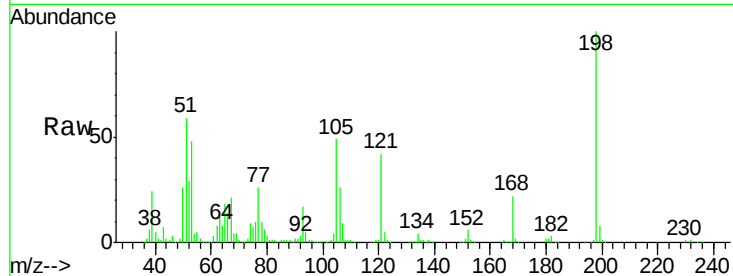
ClientSampleId :

SB-30-(8-8.5)MS

Tot Ion:	198	Resp:	324416
Ion Ratio	Lower	Upper	
198	100		
51	59.2	33.1	73.1
105	48.5	24.1	64.1

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#66

n-Nitrosodiphenylamine

Concen: 46.315 ng

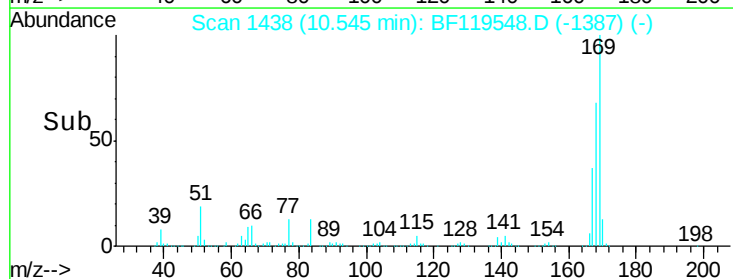
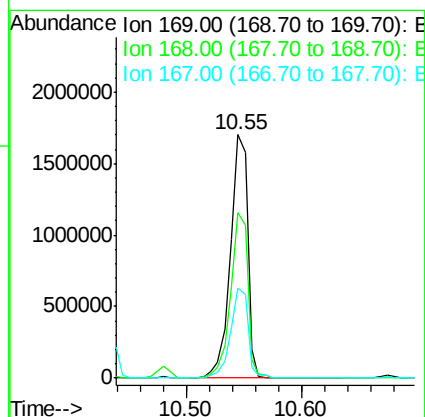
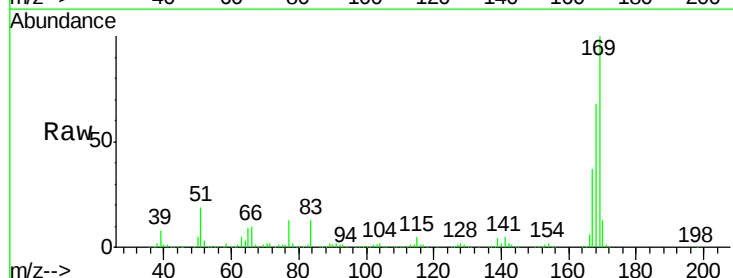
RT: 10.55 min Scan# 1438

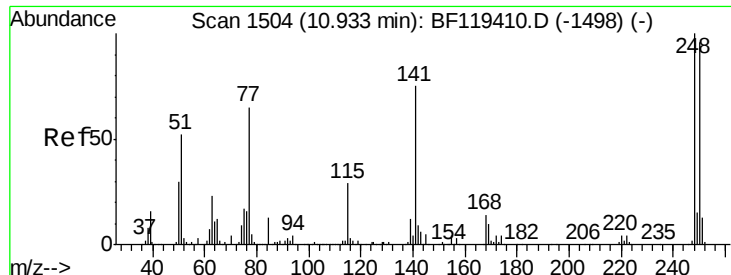
Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Tgt Ion:	169	Resp:	1759364
Ion Ratio	Lower	Upper	
169	100		
168	68.0	52.7	79.1
167	37.2	29.3	43.9





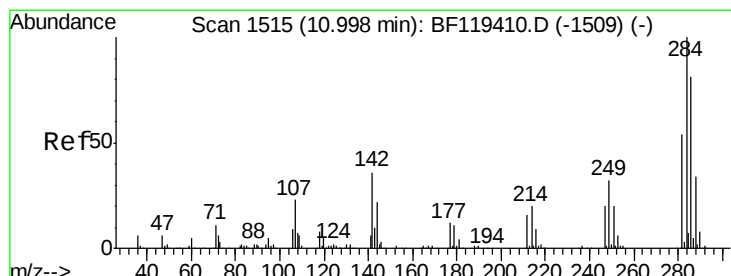
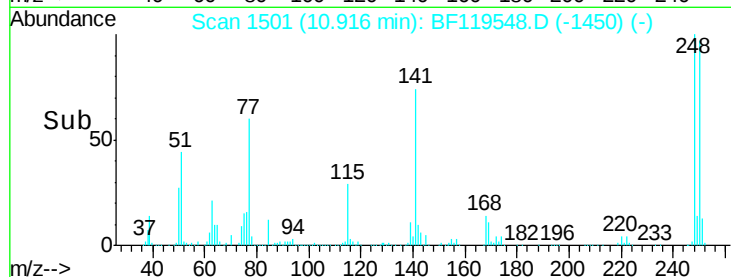
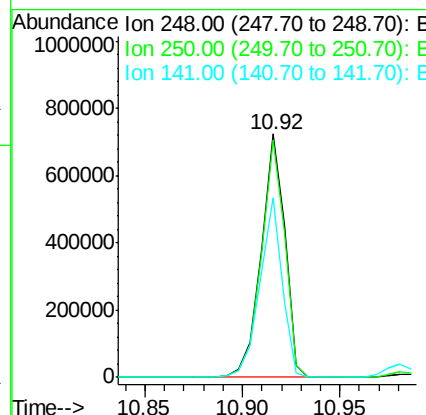
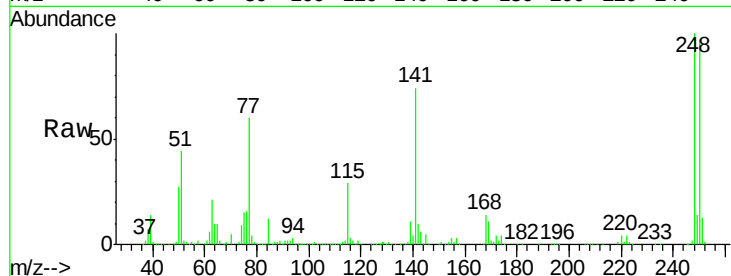
#67
4-Bromophenyl-phenylether
Concen: 46.303 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.0	115.6
141	73.6	59.7	89.5

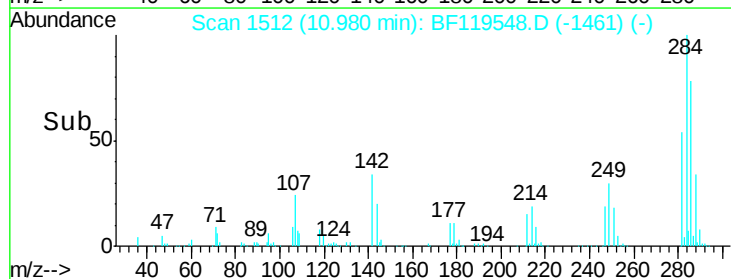
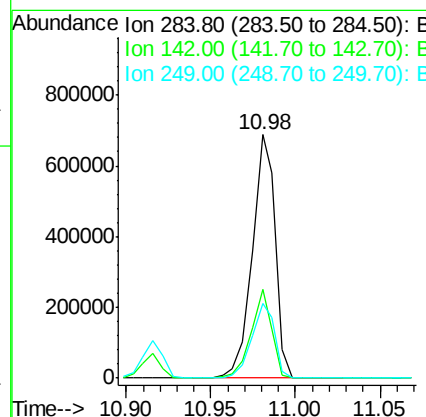
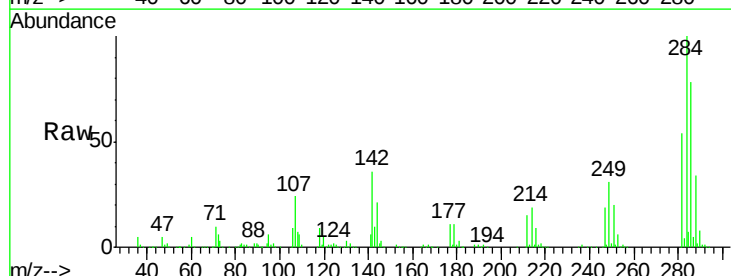
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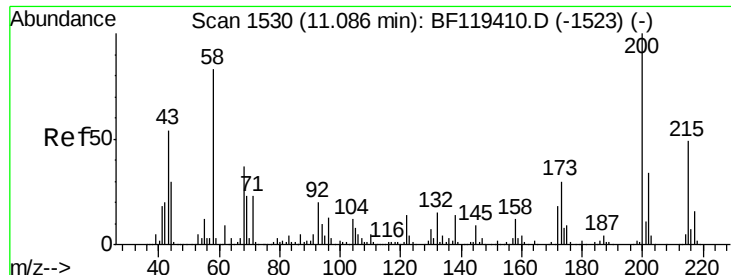
mohammad
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#68
Hexachlorobenzene
Concen: 48.356 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.4	28.7	43.1
249	30.9	25.4	38.0





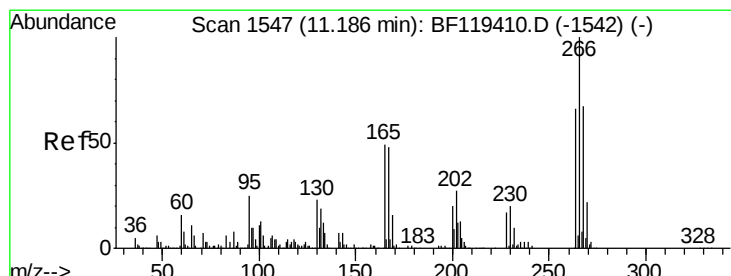
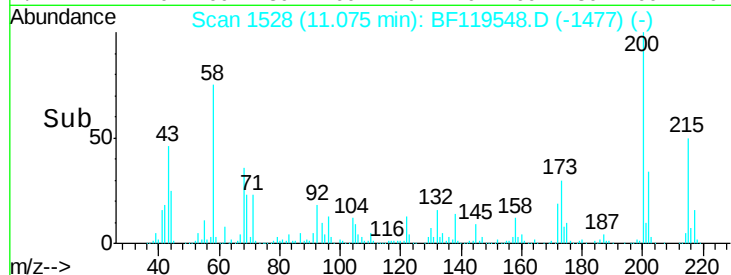
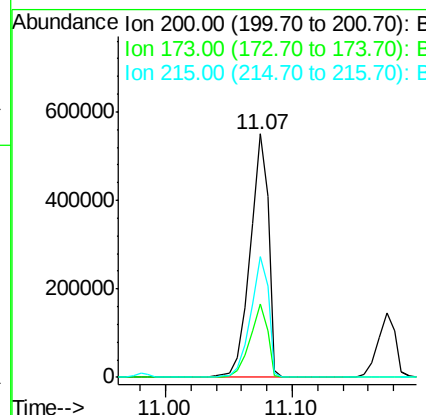
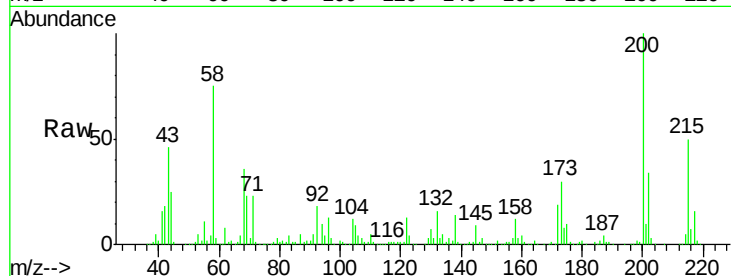
#69
Atrazine
Concen: 52.366 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	30.1	9.9	49.9
215	49.5	29.4	69.4

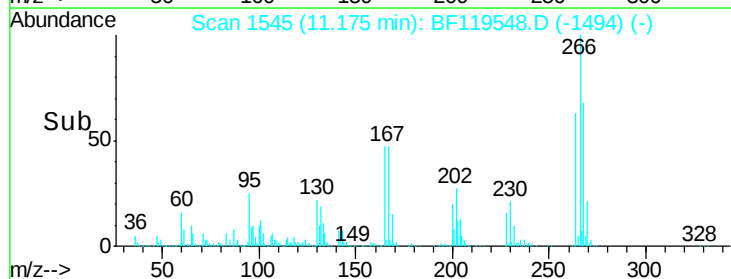
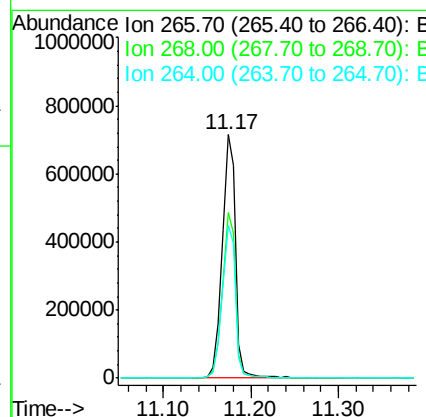
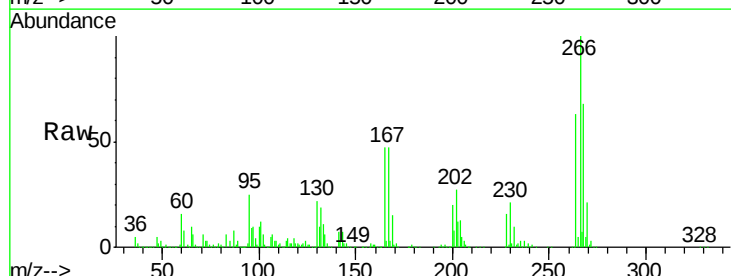
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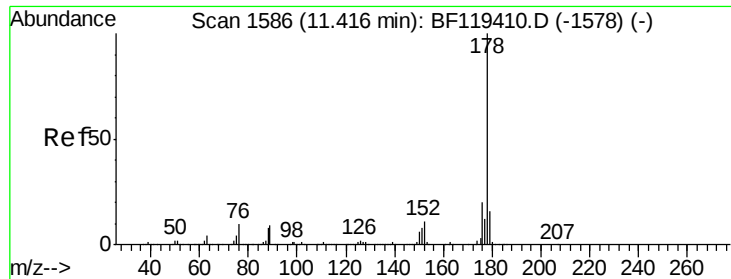
mohammad
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#70
Pentachlorophenol
Concen: 96.549 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.8	53.7	80.5
264	62.6	52.5	78.7





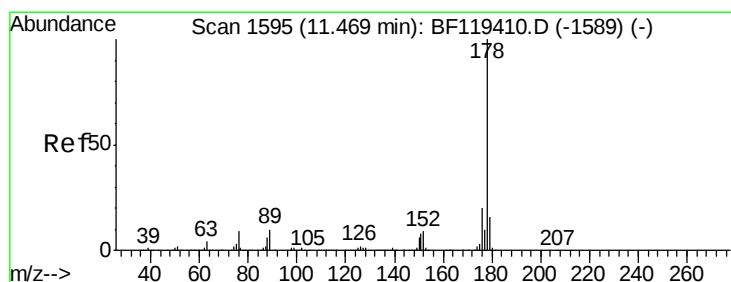
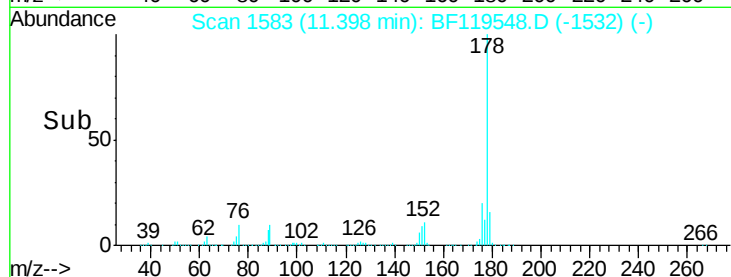
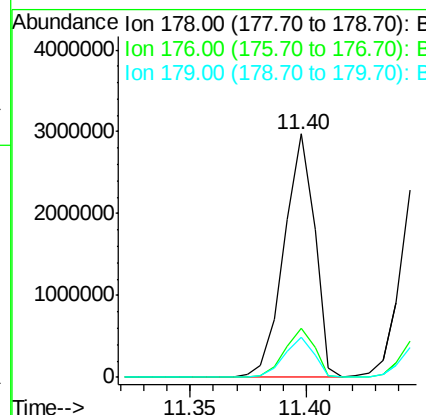
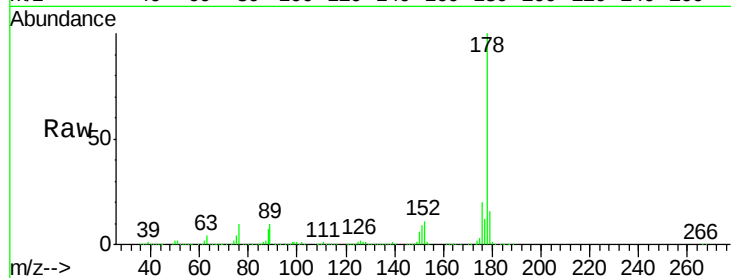
#71
Phenanthrene
Concen: 45.444 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion:178 Resp: 2726667
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 16.3 12.9 19.3

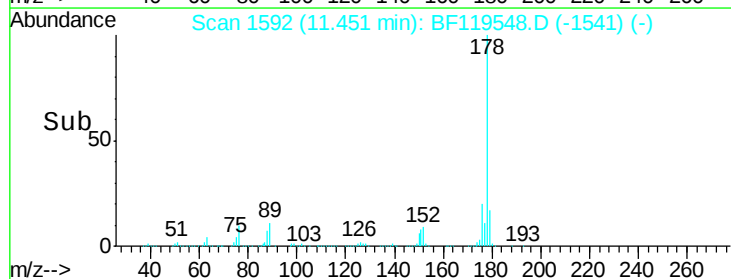
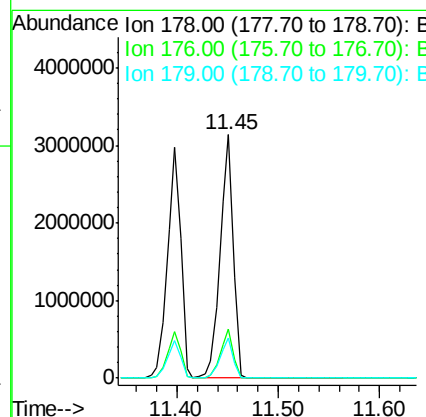
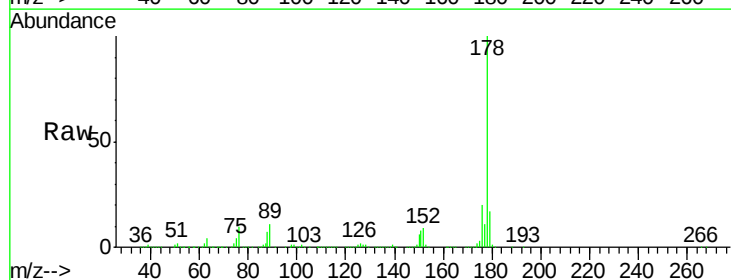
Manual Integrations
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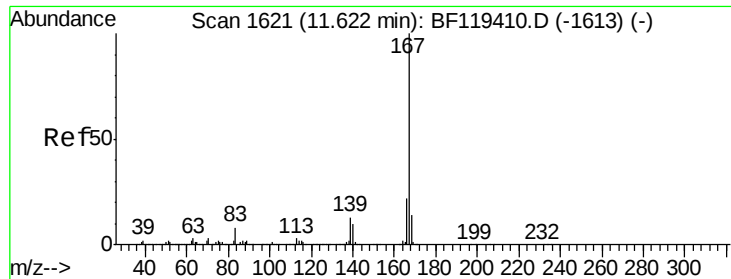
mohammad
3/30/2020 8:50:54 AM



#72
Anthracene
Concen: 46.207 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion:178 Resp: 2817719
Ion Ratio Lower Upper
178 100
176 20.3 15.6 23.4
179 16.6 13.1 19.7





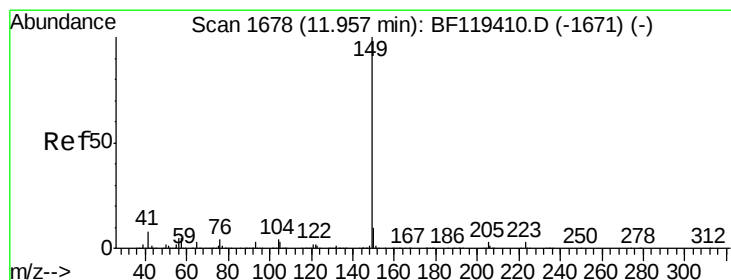
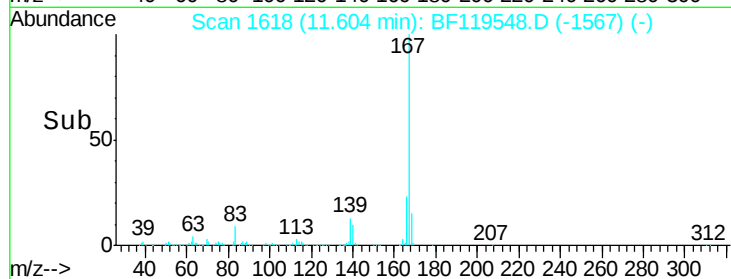
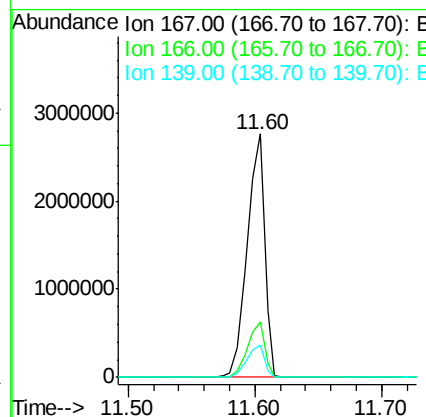
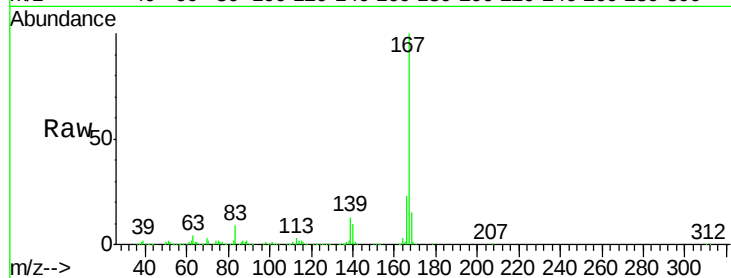
#73
 Carbazole
 Concen: 43.550 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.6
139	13.1	10.2	15.4

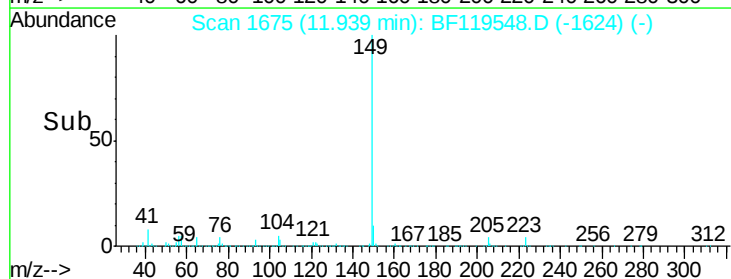
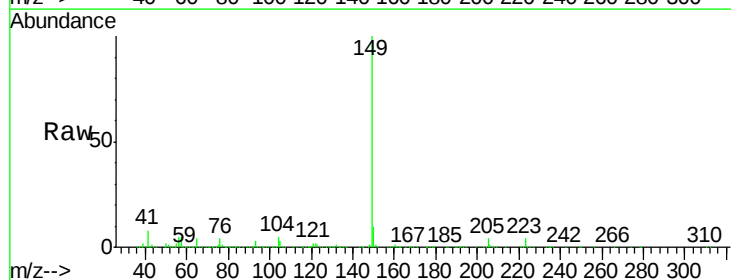
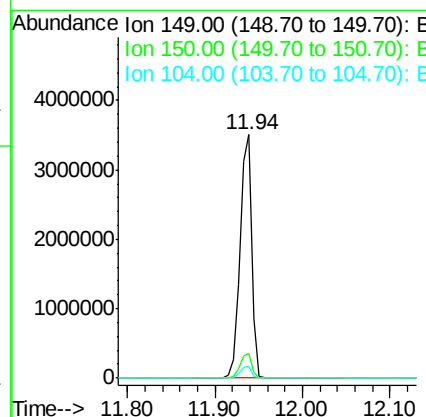
Manual Integrations
 APPROVED

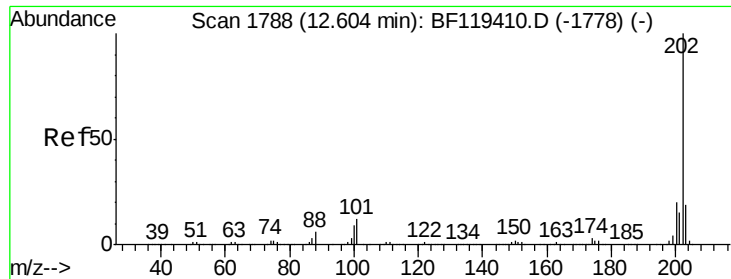
mohammad
 3/30/2020 8:50:54 AM



#74
 Di-n-butylphthalate
 Concen: 50.338 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.6	11.4
104	4.7	3.5	5.3





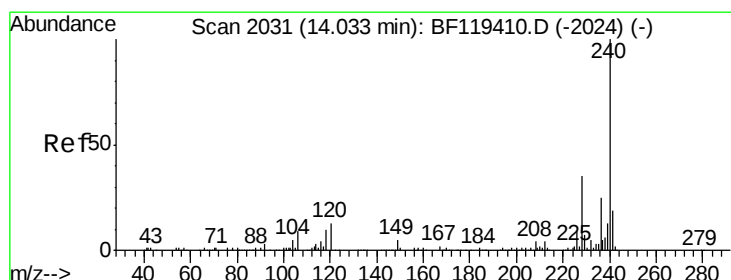
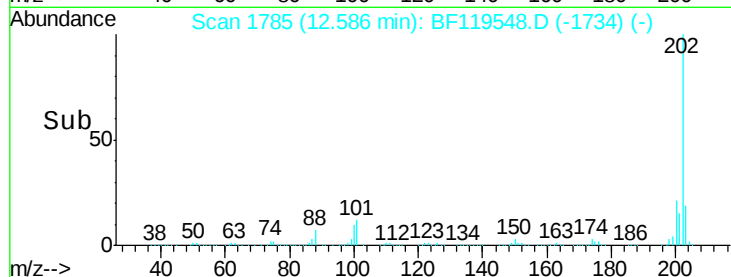
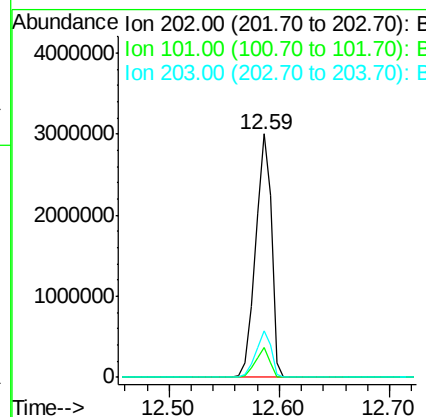
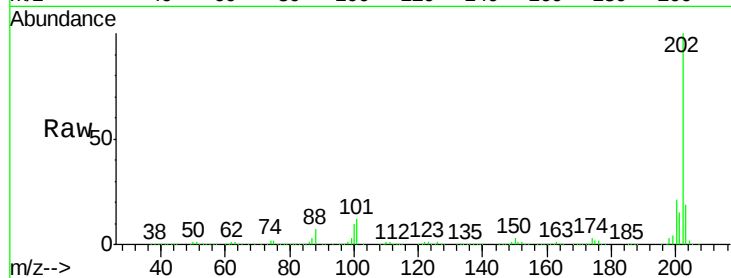
#75
Fluoranthene
Concen: 46.572 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.4
203	19.3	0.0	38.5

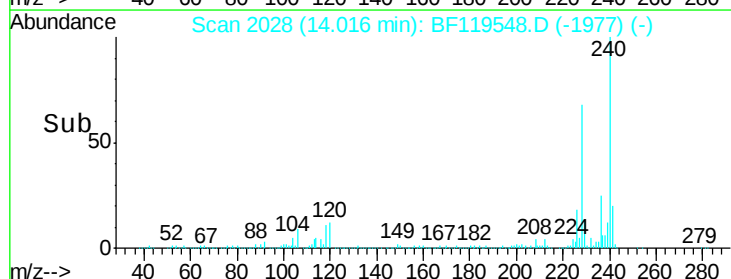
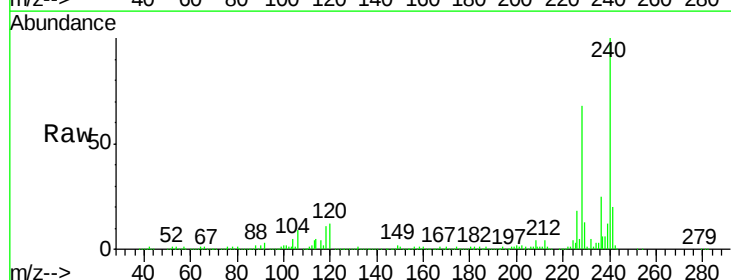
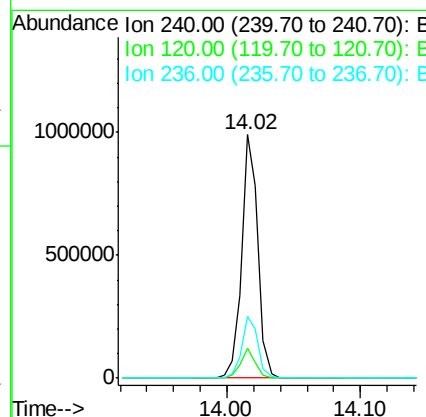
Manual Integrations
APPROVED

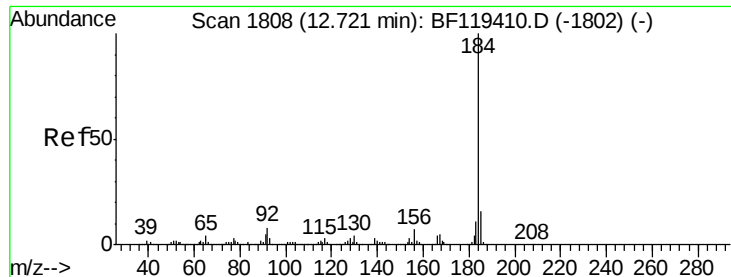
mohammad
3/30/2020 8:50:54 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	10.2	15.4
236	25.4	20.4	30.6





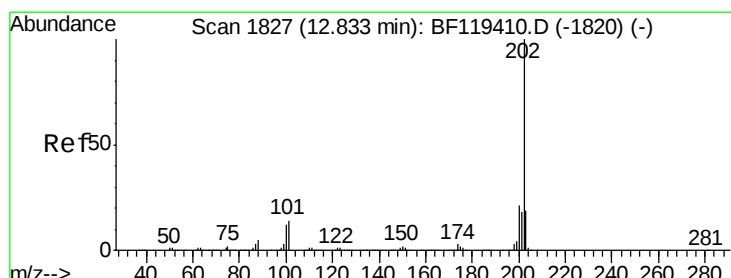
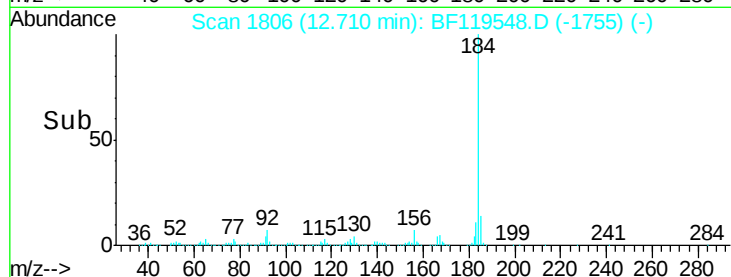
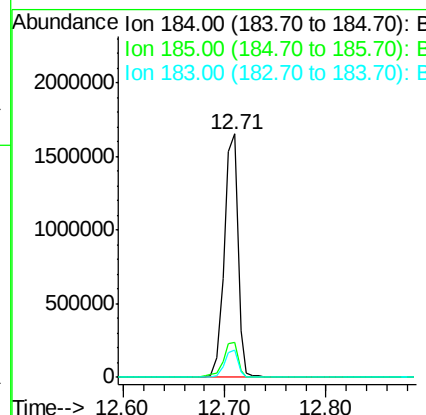
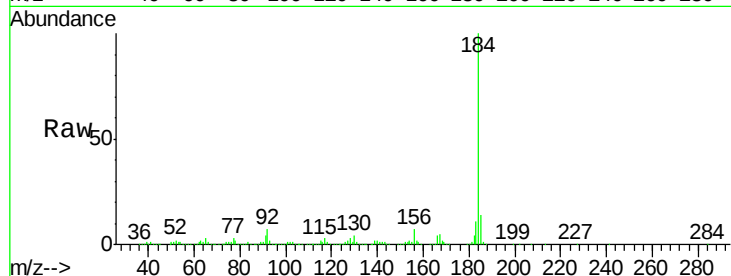
#77
Benzidine
Concen: 44.054 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion:184 Resp: 1558003
Ion Ratio Lower Upper
184 100
185 14.3 12.9 19.3
183 11.4 9.0 13.4

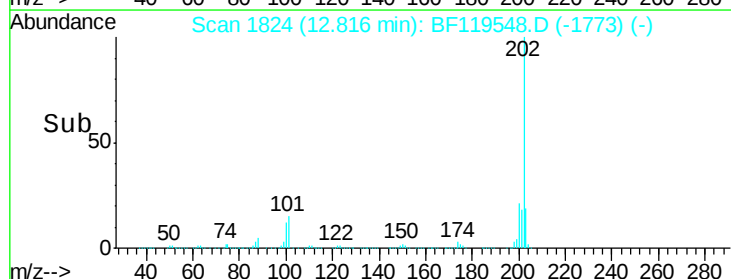
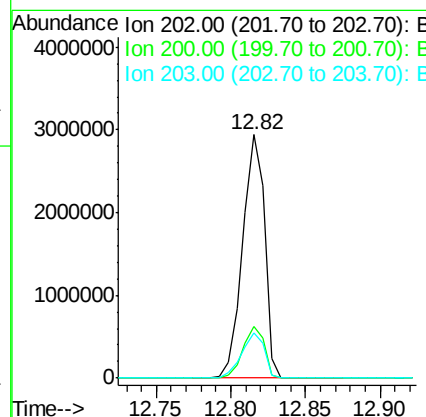
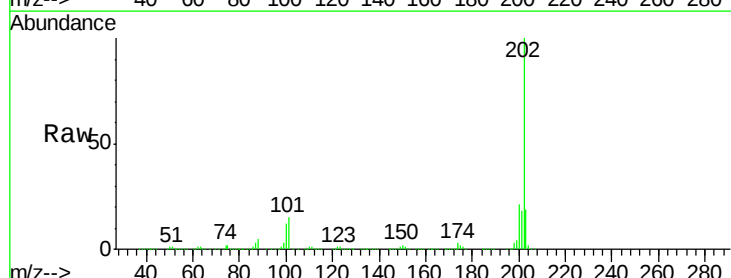
Manual Integrations
APPROVED

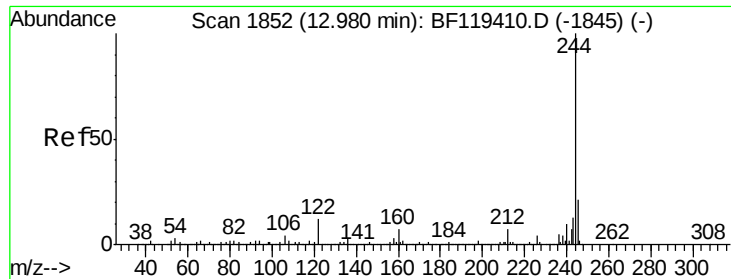
mohammad
3/30/2020 8:50:54 AM



#78
Pyrene
Concen: 44.176 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion:202 Resp: 3029708
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 18.8 14.8 22.2





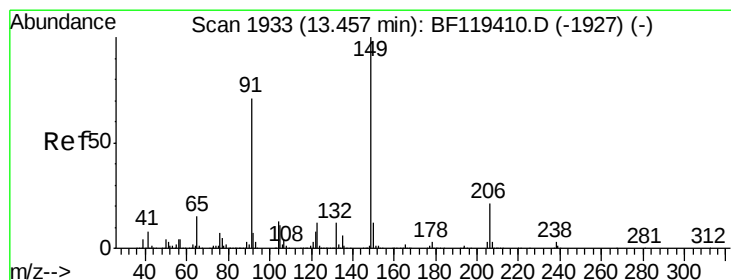
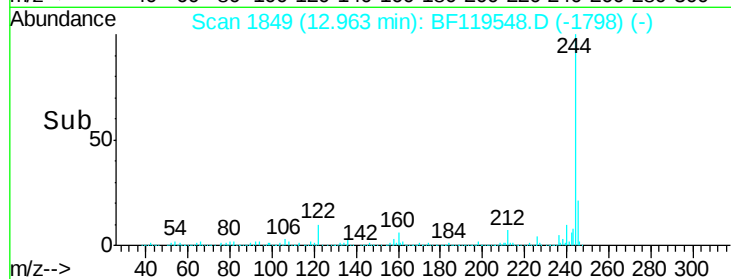
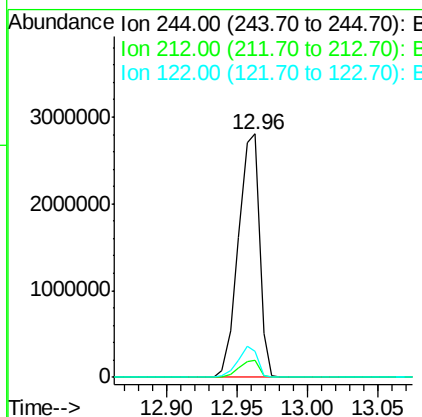
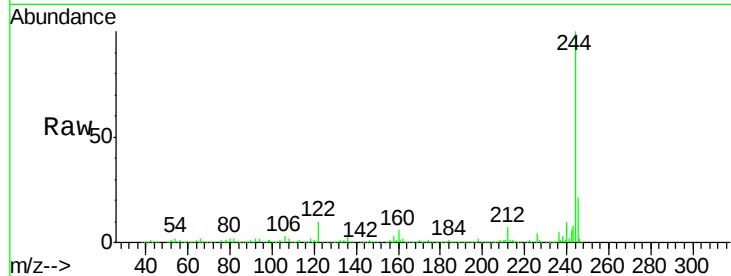
#79
 Terphenyl-d14
 Concen: 68.514 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	10.4	9.8	14.8

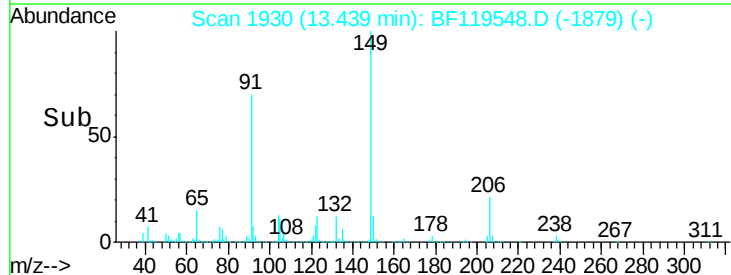
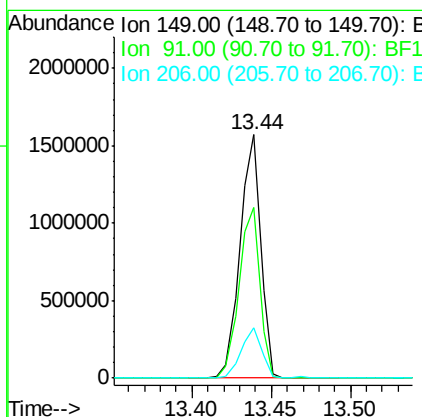
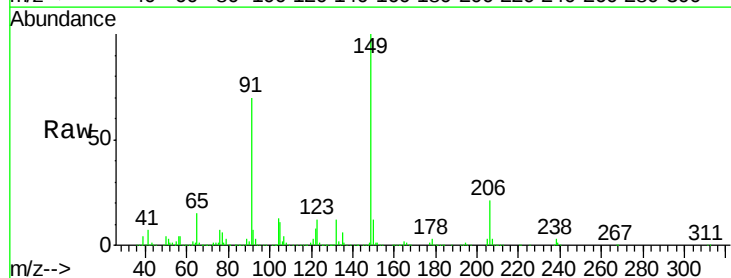
Manual Integrations
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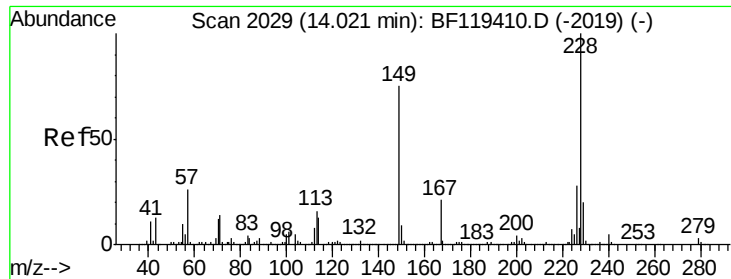
mohammad
 3/30/2020 8:50:54 AM



#80
 Butylbenzylphthalate
 Concen: 51.067 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: BF119548.D
 Acq: 26 Mar 2020 23:48

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.3	57.0	85.6
206	20.9	16.4	24.6





#81

Benzo(a)anthracene

Concen: 43.498 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

Tot Ion:228 Resp: 2363806

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

229 20.4 16.3 24.5

Manual Integrations
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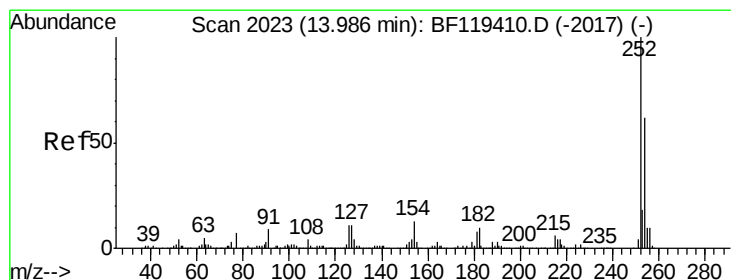
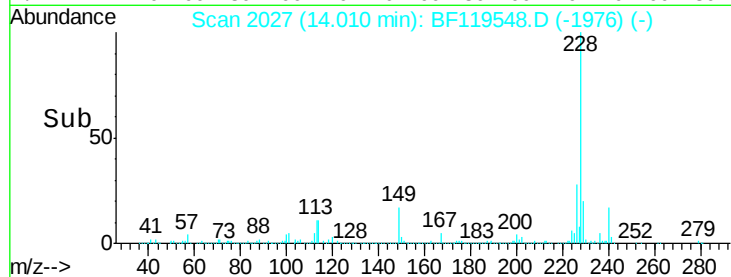
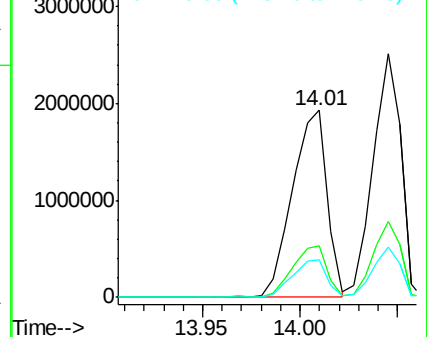
3/30/2020 8:50:54 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.330 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Tgt Ion:252 Resp: 564168

Ion Ratio Lower Upper

252 100

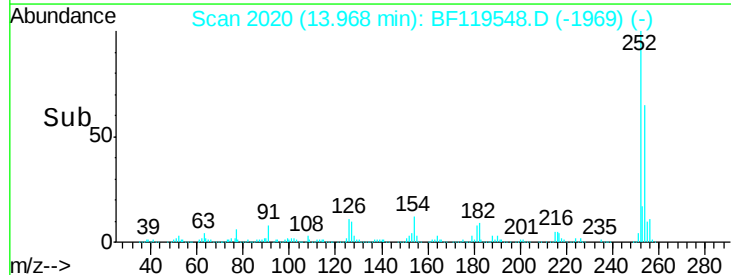
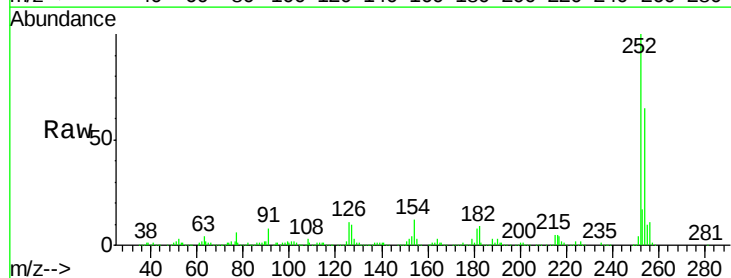
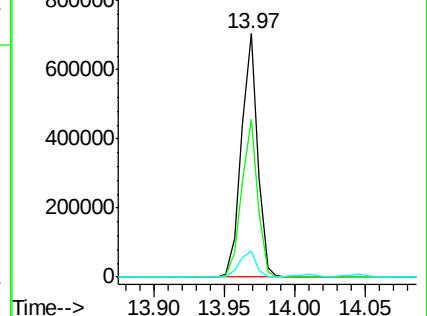
254 64.6 49.8 74.8

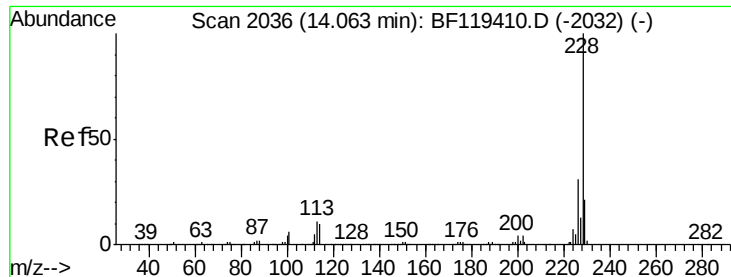
126 10.7 8.9 13.3

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





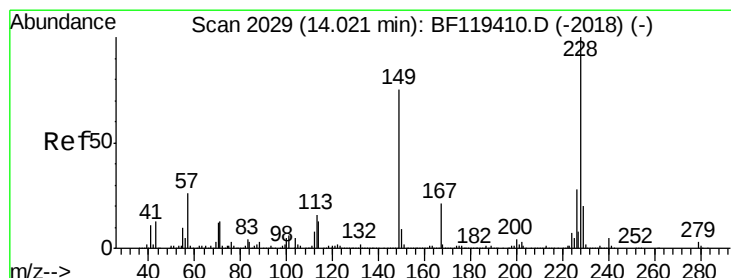
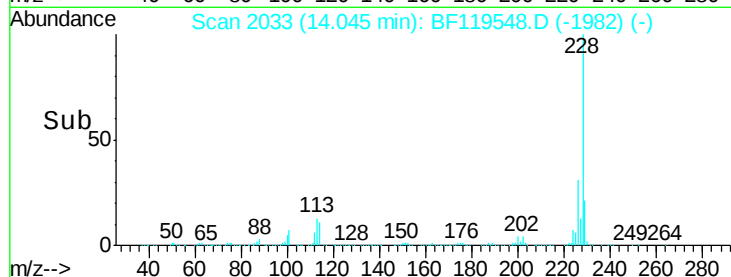
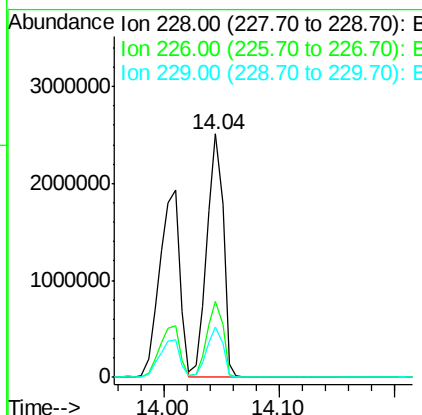
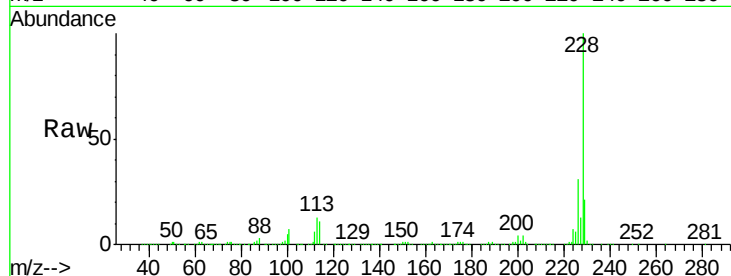
#83
Chrysene
Concen: 44.362 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion:228 Resp: 2488007
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 20.7 16.6 25.0

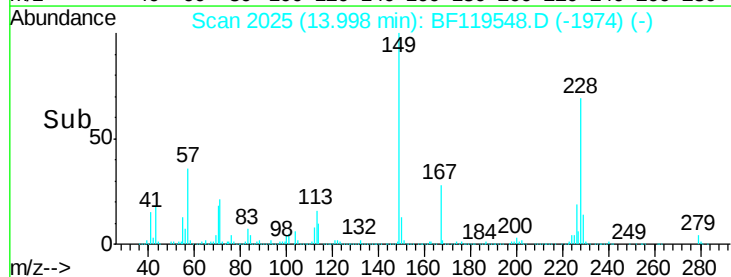
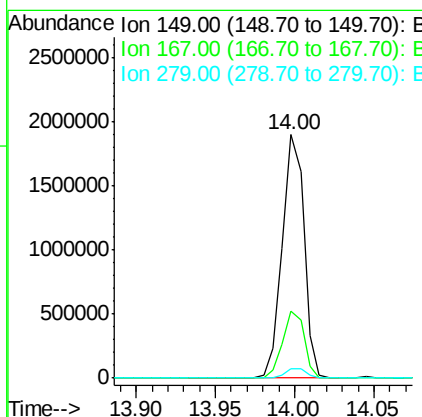
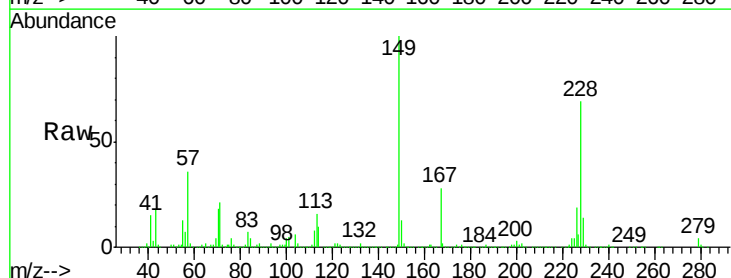
Manual Integrations
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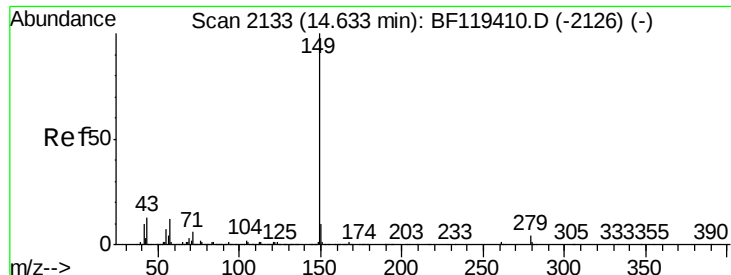
mohammad
3/30/2020 8:50:54 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.922 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion:149 Resp: 1816116
Ion Ratio Lower Upper
149 100
167 27.7 22.0 33.0
279 3.6 3.2 4.8





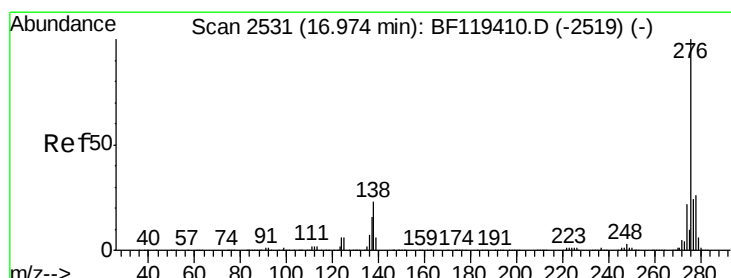
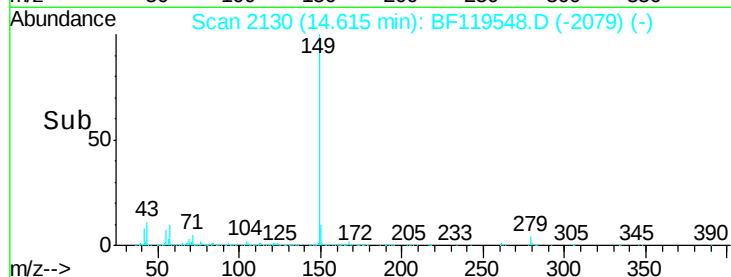
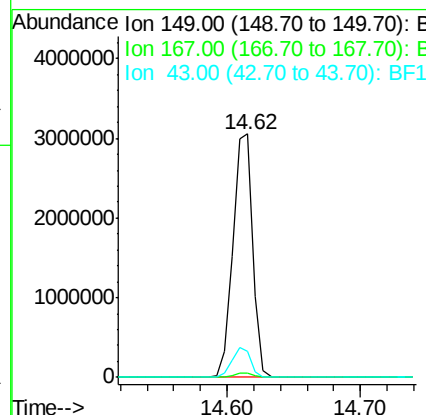
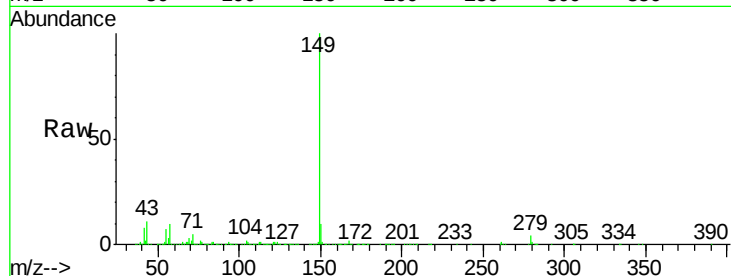
#85
Di-n-octyl phthalate
Concen: 54.936 ng
RT: 14.62 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.5	10.1	15.1

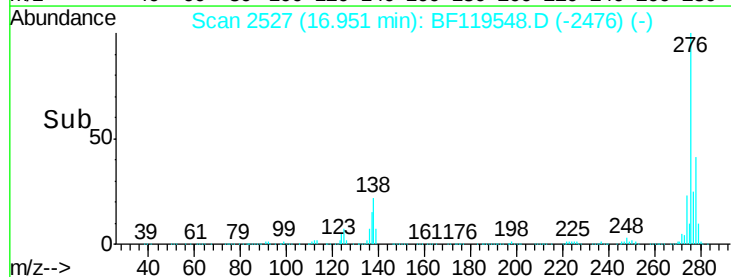
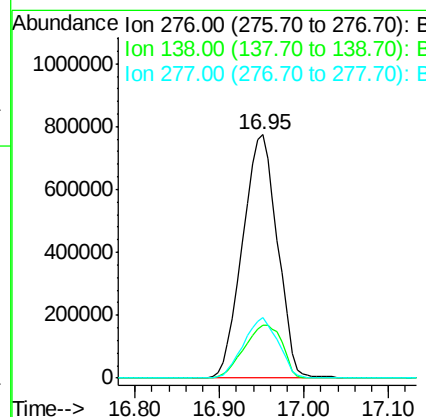
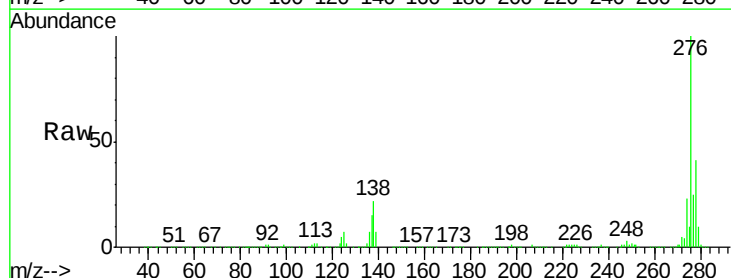
Manual Integrations
APPROVED

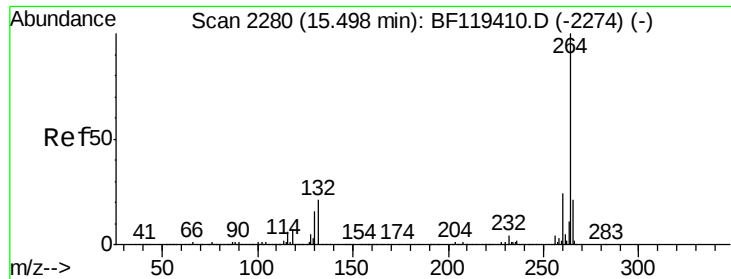
mohammad
3/30/2020 8:50:54 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.917 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	21.3	31.9
277	25.0	20.2	30.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

Instrument :

BNA_F

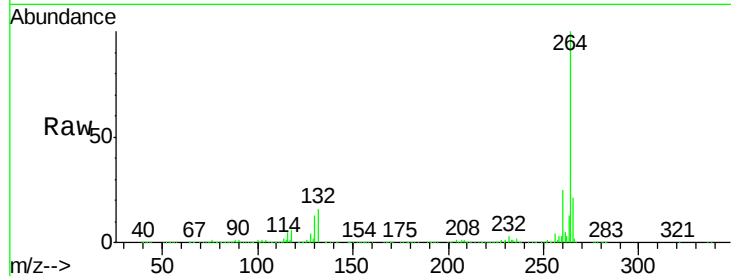
ClientSampleId :

SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.1	16.9	25.3

Manual Integrations
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3/30/2020 8:50:54 AM

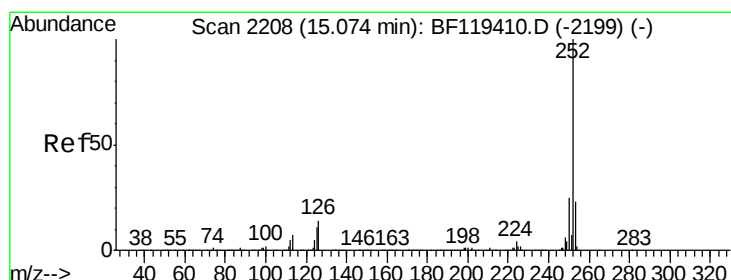
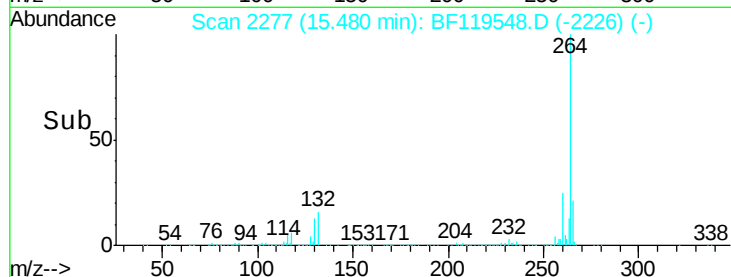
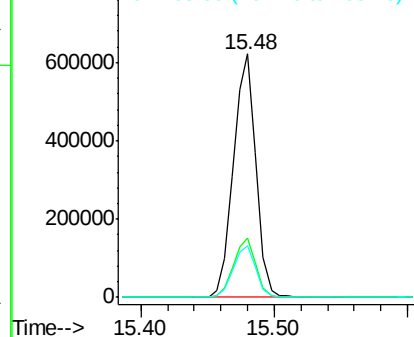


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.364 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BF119548.D

Acq: 26 Mar 2020 23:48

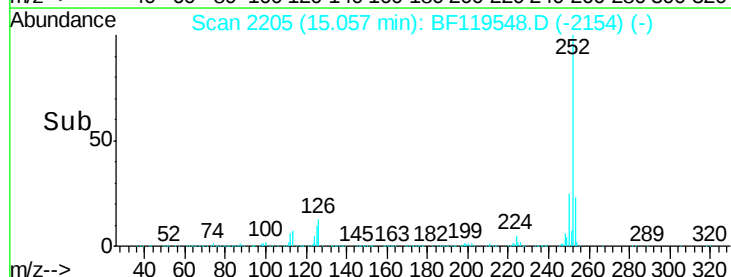
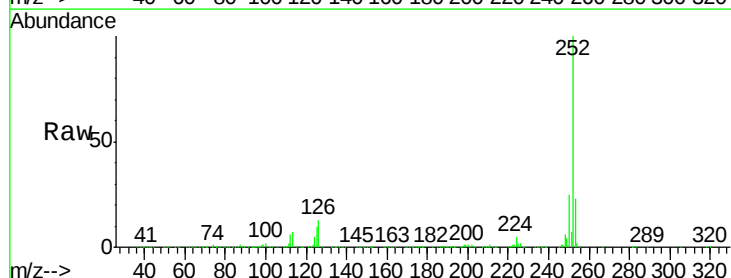
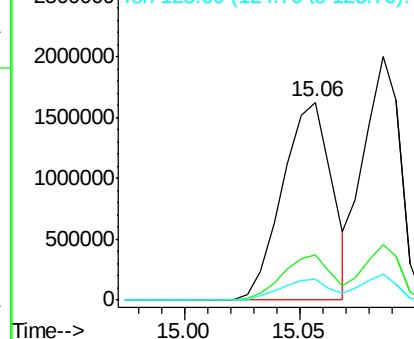
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	10.4	8.8	13.2

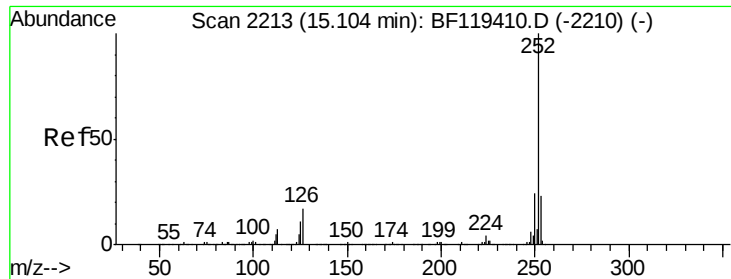
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





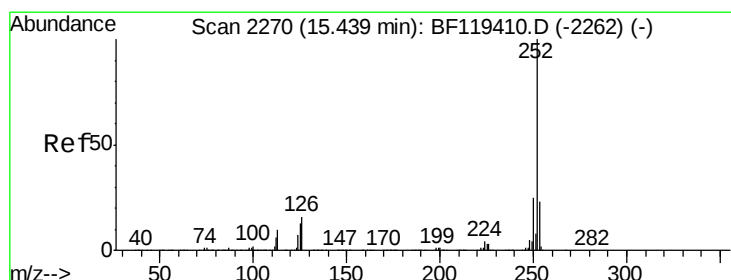
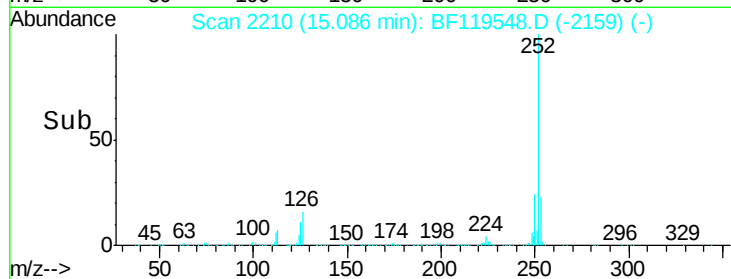
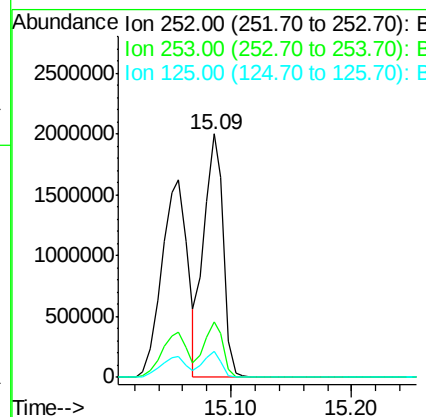
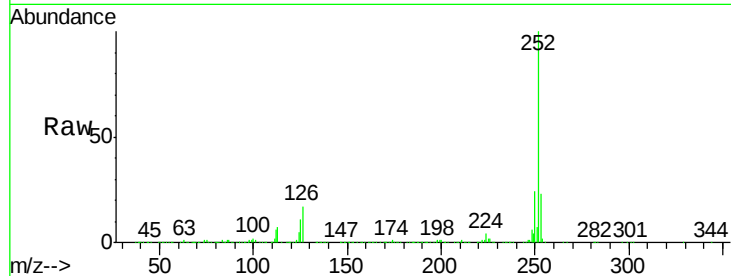
#89
Benzo(k)fluoranthene
Concen: 47.474 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	10.9	9.0	13.4

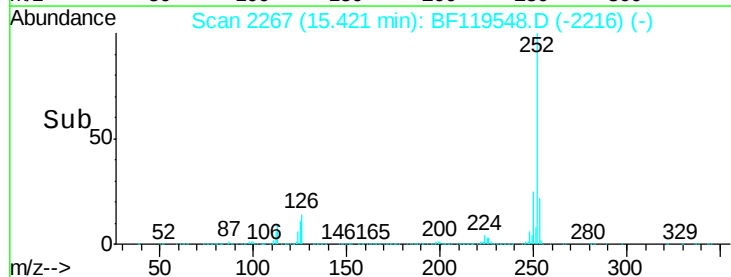
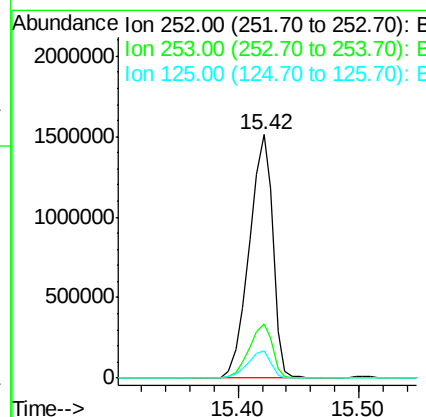
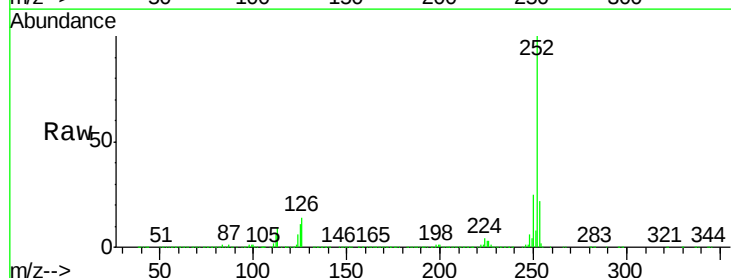
Manual Integrations
APPROVED

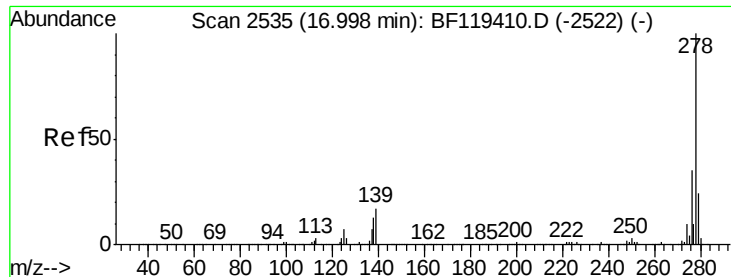
mohammad
3/30/2020 8:50:54 AM



#90
Benzo(a)pyrene
Concen: 46.243 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	11.4	10.2	15.2





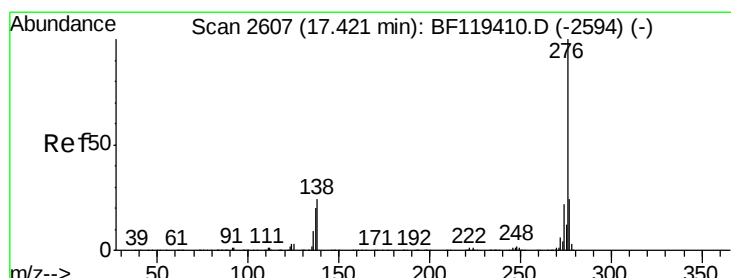
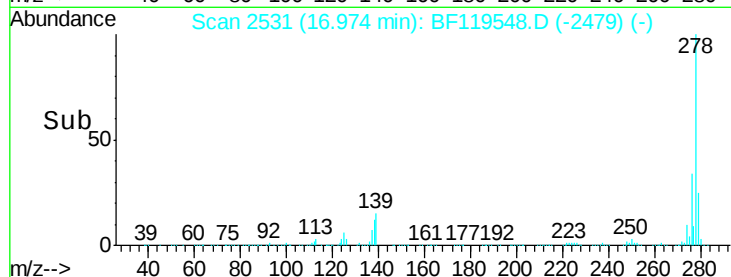
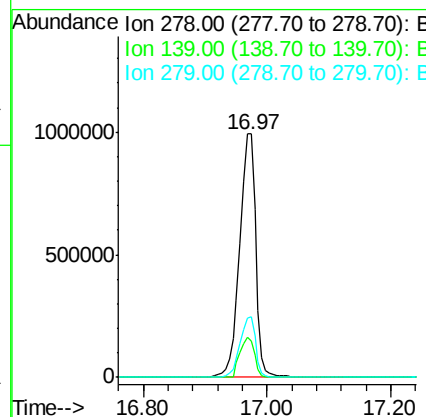
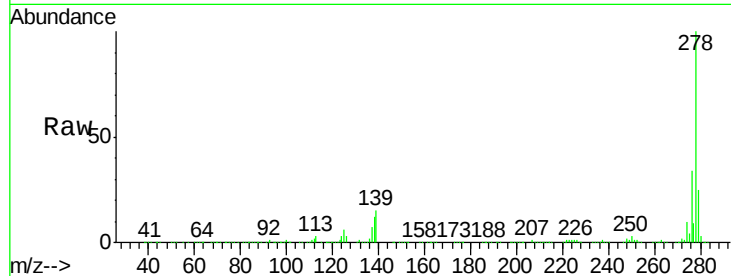
#91
Dibenzo(a,h)anthracene
Concen: 46.066 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.7	20.5
279	24.9	19.2	28.8

Manual Integrations
APPROVED

mohammad
3/30/2020 8:50:54 AM



#92
Benzo(g,h,i)perylene
Concen: 46.304 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BF119548.D
Acq: 26 Mar 2020 23:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	21.2	19.1	28.7

