

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119282.D
 Acq On : 9 Mar 2020 12:18
 Operator : CG/JU
 Sample : PB127331BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

Manual Integrations
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 3/10/2020 2:44:07 PM

Quant Time: Mar 09 16:23:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	122524	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	485335	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	274112	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	507237	20.00	ng	0.00
76) Chrysene-d12	13.89	240	328488	20.00	ng	0.00
87) Perylene-d12	15.32	264	272030	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	666402	90.89	ng	0.00
7) Phenol-d6	6.38	99	552394	61.95	ng	0.00
23) Nitrobenzene-d5	7.30	82	800290	87.06	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	455384	126.99	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1583519	85.10	ng	0.00
79) Terphenyl-d14	12.83	244	1940949	101.73	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.45	88	53129	16.276 ng	98
4) n-Nitrosodimethylamine	3.12	42	44727	16.562 ng	88
6) Aniline	6.40	93	7432m	0.675 ng	
8) 2-Chlorophenol	6.52	128	383969	48.529 ng	99
9) Benzaldehyde	6.27	77	179585	30.145 ng	97
10) Phenol	6.39	94	212347	22.027 ng	# 77
11) bis(2-Chloroethyl)ether	6.46	93	350905	47.572 ng	99
12) 1,3-Dichlorobenzene	6.67	146	342451	36.111 ng	98
13) 1,4-Dichlorobenzene	6.74	146	354485	37.354 ng	99
14) 1,2-Dichlorobenzene	6.90	146	333105	38.488 ng	98
15) Benzyl Alcohol	6.88	79	211760	32.860 ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	287603	45.010 ng	# 42
17) 2-Methylphenol	7.00	107	276212	43.058 ng	# 92
18) Hexachloroethane	7.23	117	118119	34.791 ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	278199	53.544 ng	96
20) 3+4-Methylphenols	7.16	107	335901	42.741 ng	89
22) Acetophenone	7.14	105	555295	49.450 ng	95
24) Nitrobenzene	7.32	77	416718	45.844 ng	98
25) Isophorone	7.56	82	775005	48.548 ng	99
26) 2-Nitrophenol	7.63	139	227143	47.162 ng	98
27) 2,4-Dimethylphenol	7.67	122	314818	48.163 ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	458407	44.117 ng	100
29) 2,4-Dichlorophenol	7.88	162	357421	46.448 ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	329131	36.075 ng	98
31) Naphthalene	8.03	128	1046487	41.576 ng	99
32) Benzoic acid	7.82	122	72202	19.712 ng	97
33) 4-Chloroaniline	8.09	127	35603	3.289 ng	98
34) Hexachlorobutadiene	8.15	225	183177	32.232 ng	98
35) Caprolactam	8.47	113	17777m	7.503 ng	
36) 4-Chloro-3-methylphenol	8.58	107	381413	48.976 ng	96
37) 2-Methylnaphthalene	8.72	142	747316	44.119 ng	98
38) 1-Methylnaphthalene	8.82	142	706910	44.375 ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	378345	40.938 ng	100
41) Hexachlorocyclopentadiene	8.87	237	109249	38.056 ng	100

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.01	196	253806	43.488	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	265430	43.341	nq	99
46) 1,1'-Biphenyl	9.19	154	946141	42.708	nq	98
47) 2-Chloronaphthalene	9.21	162	757048	42.405	nq	99
48) 2-Nitroaniline	9.32	65	230599	46.310	nq	97
49) Acenaphthylene	9.63	152	1135181	44.026	nq	99
50) Dimethylphthalate	9.49	163	971120	46.330	nq	99
51) 2,6-Dinitrotoluene	9.56	165	217456	46.696	nq	99
52) Acenaphthene	9.80	154	697657	44.872	nq	99
53) 3-Nitroaniline	9.73	138	113421	21.969	nq	93
54) 2,4-Dinitrophenol	9.86	184	174222	77.258	nq	95
55) Dibenzofuran	9.97	168	1035057	44.602	nq	100
56) 4-Nitrophenol	9.93	139	76602	24.696	nq	97
57) 2,4-Dinitrotoluene	9.97	165	270822	44.866	nq	90
58) Fluorene	10.32	166	846716	46.955	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	244403	47.295	nq	97
60) Diethylphthalate	10.19	149	936230	47.397	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	448323	46.969	nq	99
62) 4-Nitroaniline	10.35	138	181359	34.335	nq	95
63) Azobenzene	10.46	77	831664	48.438	nq	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	150976	49.188	nq	89
66) n-Nitrosodiphenylamine	10.42	169	762583	45.914	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	294574	44.429	nq	98
68) Hexachlorobenzene	10.87	284	336497	44.019	nq	97
69) Atrazine	10.96	200	279927	48.239	nq	99
70) Pentachlorophenol	11.07	266	231919	75.315	nq	99
71) Phenanthrene	11.27	178	1262824	45.652	nq	98
72) Anthracene	11.33	178	1284820	46.485	nq	98
73) Carbazole	11.49	167	1136150	46.142	nq	98
74) Di-n-butylphthalate	11.80	149	1413849	47.415	nq	99
75) Fluoranthene	12.46	202	1314460	44.766	nq	99
77) Benzidine	12.60	184	2207	0.165	nq	# 66
78) Pyrene	12.69	202	1300606	49.308	nq	99
80) Butylbenzylphthalate	13.30	149	553104	49.823	nq	99
81) Benzo(a)anthracene	13.88	228	1071883	47.890	nq	99
82) 3,3'-Dichlorobenzidine	13.83	252	245326	28.227	nq	99
83) Chrysene	13.92	228	1017323	45.616	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	748442	53.365	nq	99
85) Di-n-octyl phthalate	14.46	149	1128218	50.488	nq	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	876627	40.595	nq	100
88) Benzo(b)fluoranthene	14.91	252	888545	49.554	nq	99
89) Benzo(k)fluoranthene	14.94	252	863760	51.981	nq	98
90) Benzo(a)pyrene	15.26	252	748630	46.260	nq	99
91) Dibenzo(a,h)anthracene	16.73	278	744537	52.288	nq	99
92) Benzo(g,h,i)perylene	17.14	276	739777	52.582	nq	96

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



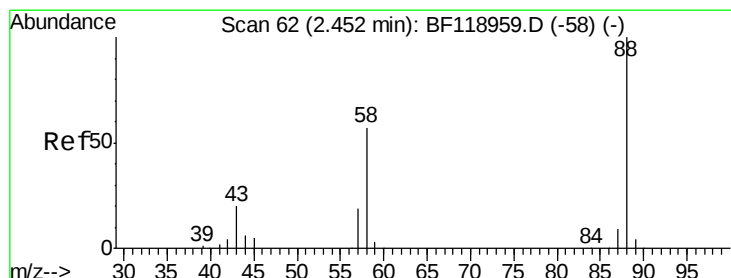
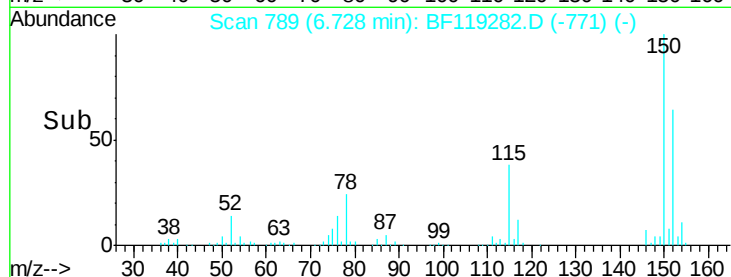
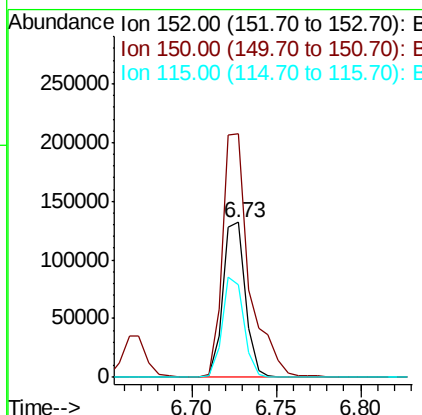
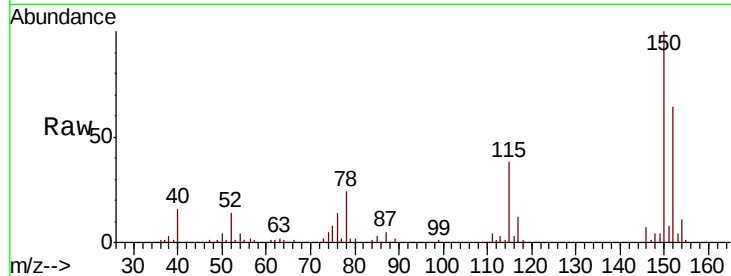
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.01 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.0	184.6
115	59.6	49.5	74.3

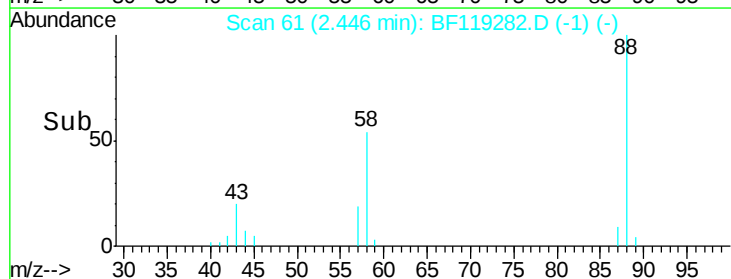
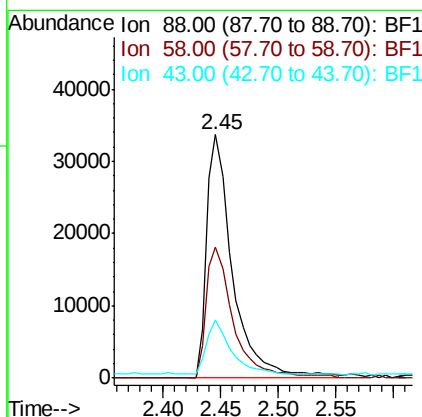
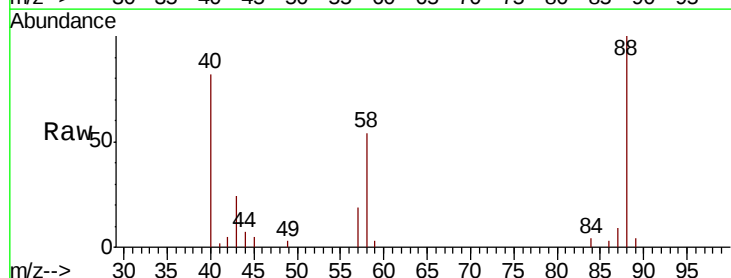
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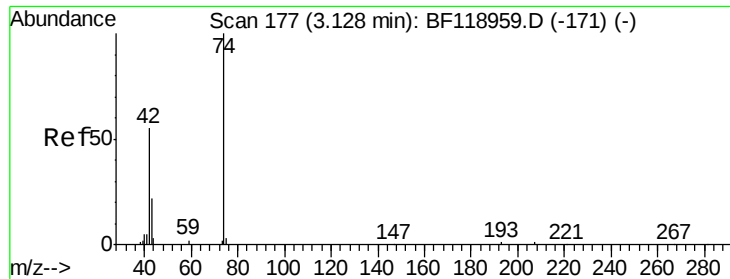
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#2
 1,4-Dioxane
 Concen: 16.276 ng
 RT: 2.45 min Scan# 61
 Delta R.T. 0.06 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.5	43.8	65.6
43	20.6	16.2	24.4





#4

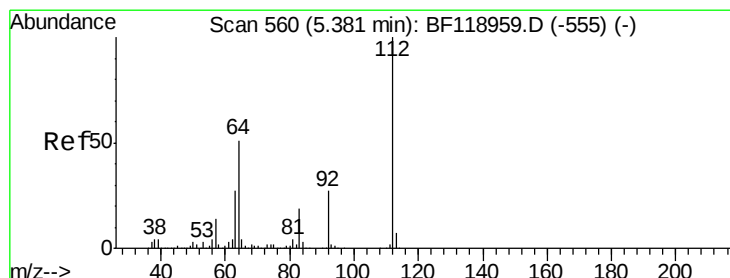
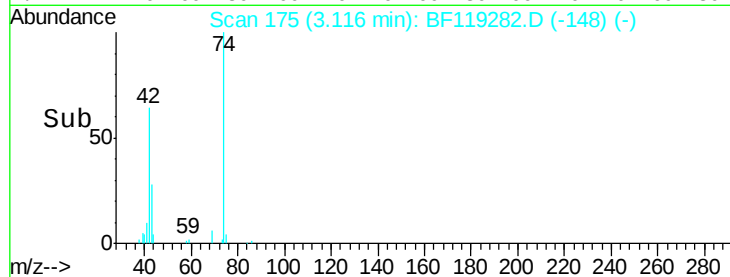
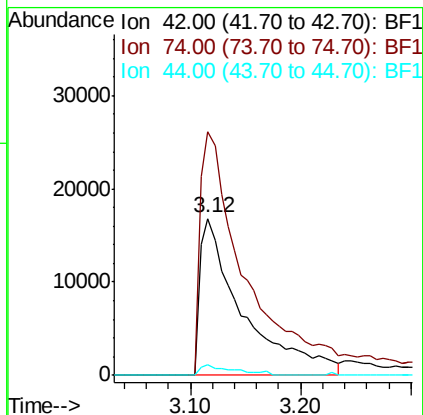
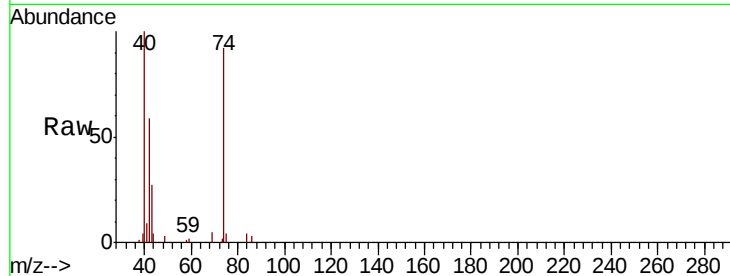
n-Nitrosodimethylamine
Concen: 16.562 ng
RT: 3.12 min Scan# 175
Delta R.T. 0.06 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	42	Resp	44727
Ion	Ratio	Lower	Upper
42	100		
74	155.1	137.7	206.5
44	6.6	4.5	6.7

Manual Integrations
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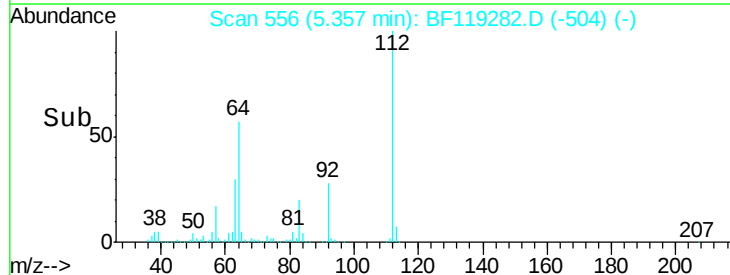
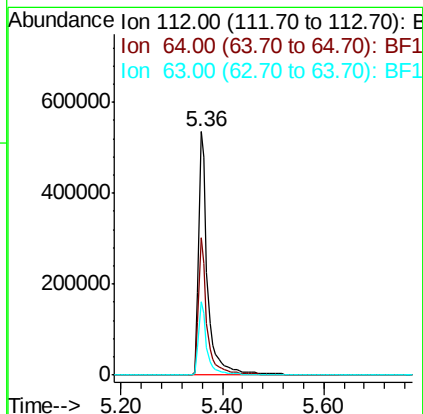
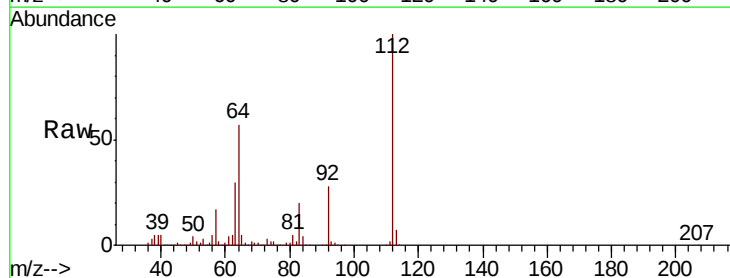
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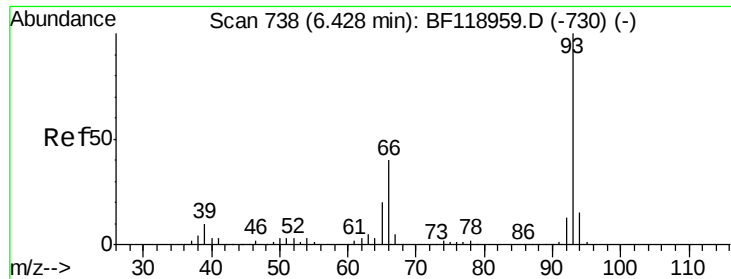


#5

2-Fluorophenol
Concen: 90.895 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	112	Resp	666402
Ion	Ratio	Lower	Upper
112	100		
64	56.5	45.0	67.4
63	30.0	24.2	36.4





#6

Aniline

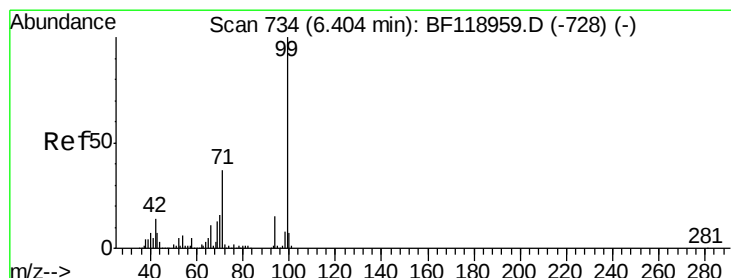
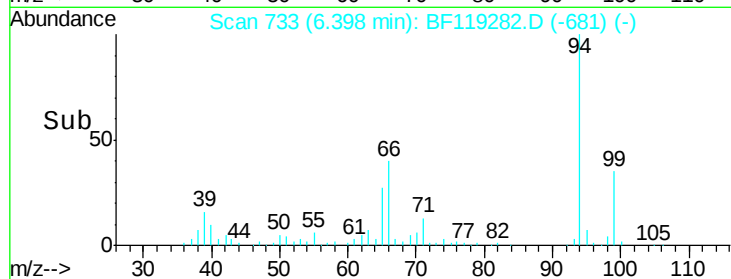
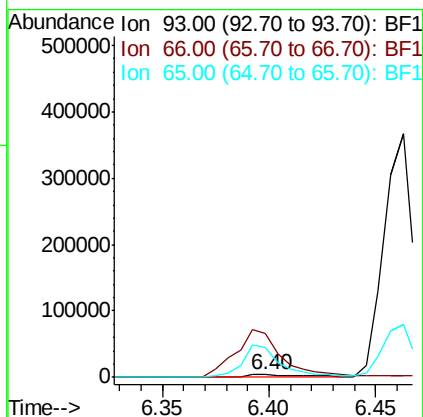
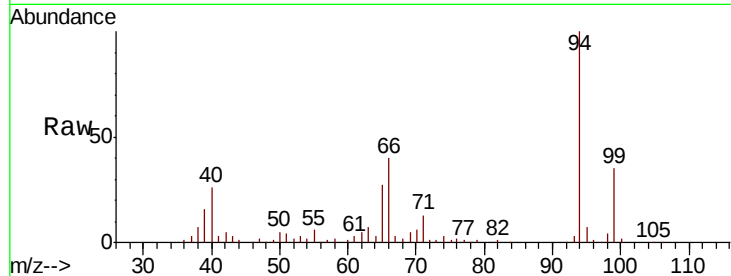
Concen: 0.675 ng/ml
 RT: 6.40 min Scan# 733
 Delta R.T. 0.01 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

Tot Ion	Ratio	Lower	Upper
93	100		
66	1597.7	74.5	111.7
65	1072.5	45.3	67.9

Manual Integrations
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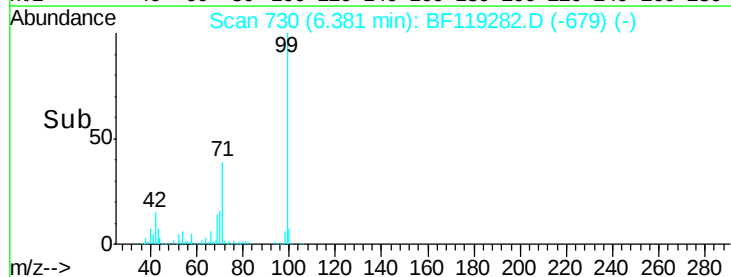
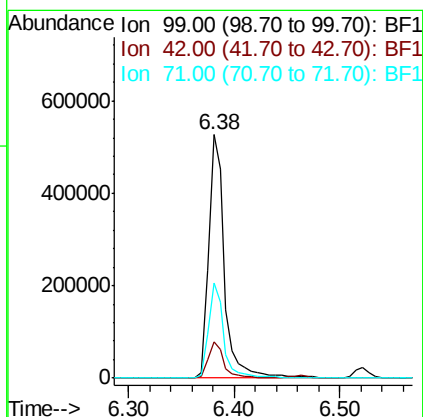
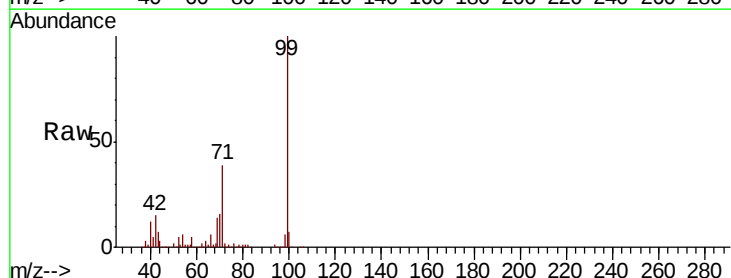


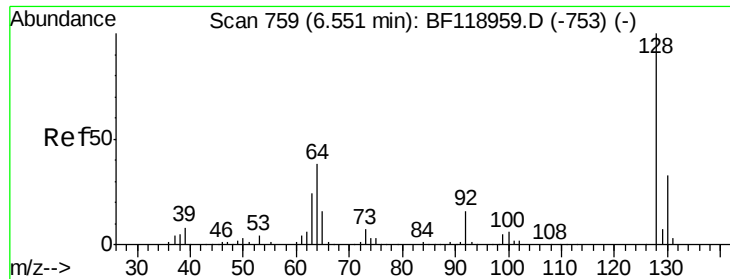
#7

Phenol-d6

Concen: 61.951 ng
 RT: 6.38 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.6	18.8
71	39.3	31.0	46.4





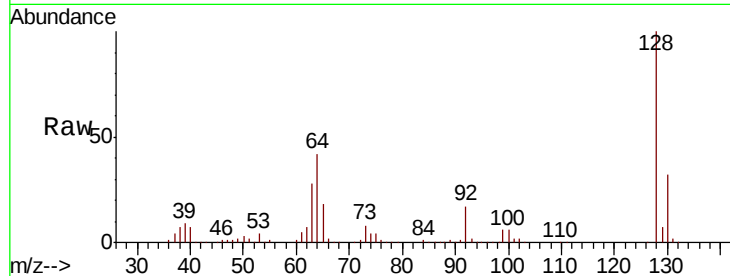
#8
 2-Chlorophenol
 Concen: 48.529 ng
 RT: 6.52 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

Instrument :
 BNA_F
 ClientSampled :
 PB127331BS

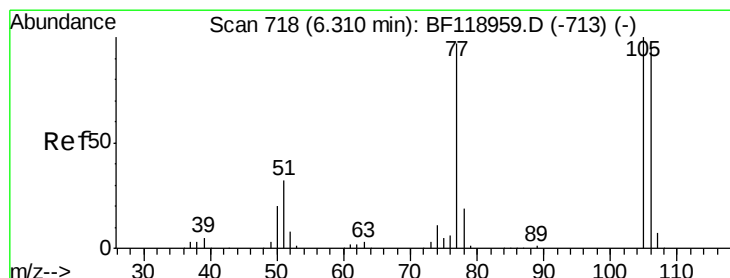
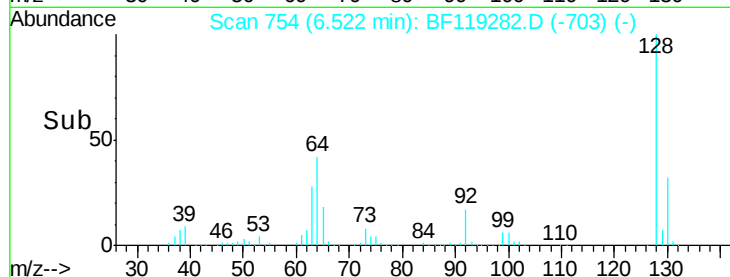
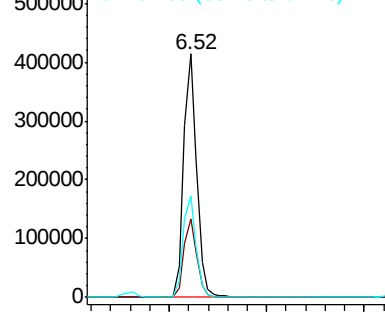
Tot Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.7	52.7
64	41.7	22.3	62.3

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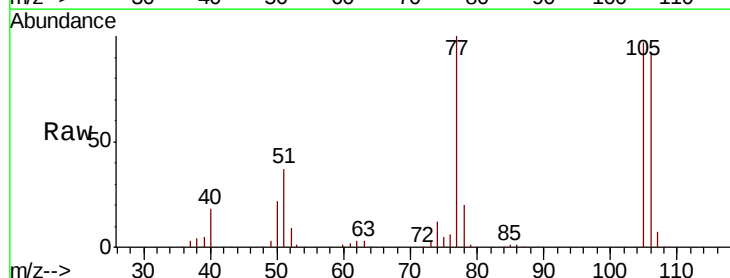


Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 64.00 (63.70 to 64.70): BF1

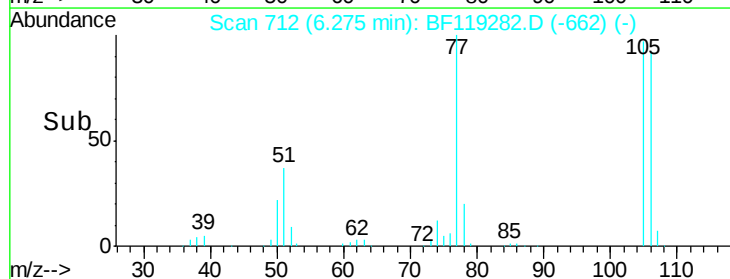
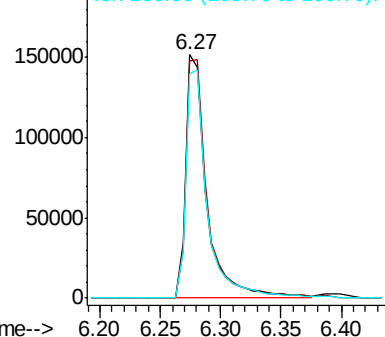


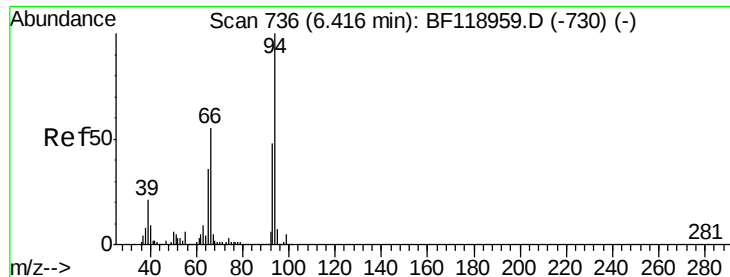
#9
 Benzaldehyde
 Concen: 30.145 ng
 RT: 6.27 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
77	100		
105	97.2	80.1	120.1
106	92.2	75.9	115.9



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





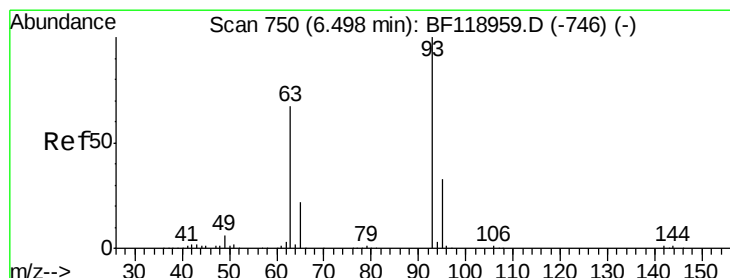
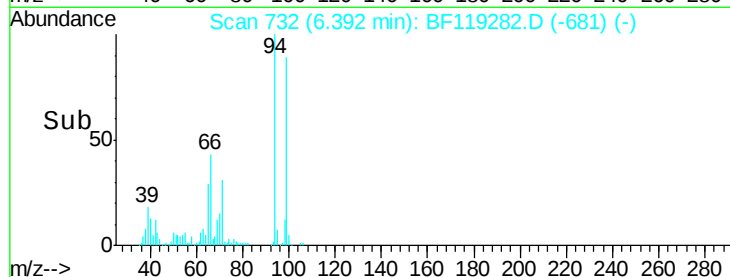
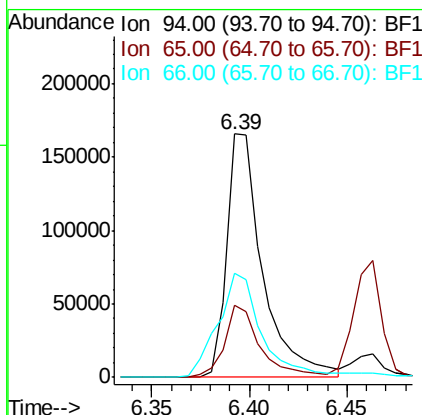
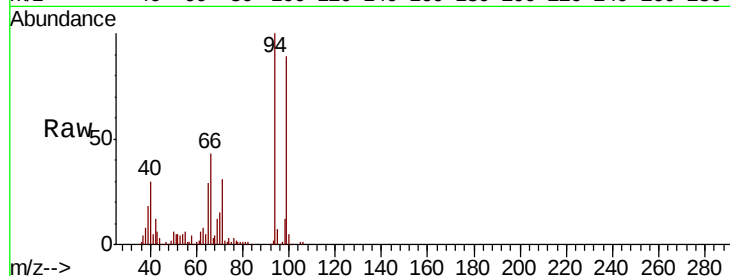
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Phenol
Concen: 22.027 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Lower	Upper
94	100		
65	29.4	19.2	59.2
66	42.9	44.4	84.4#

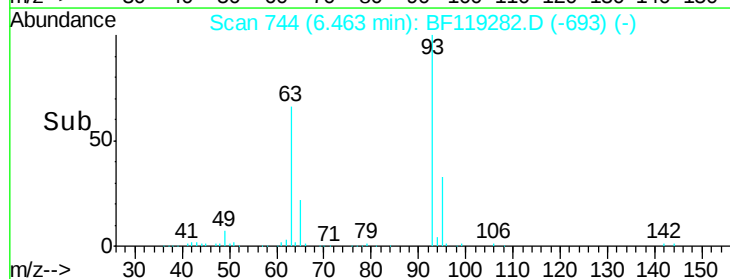
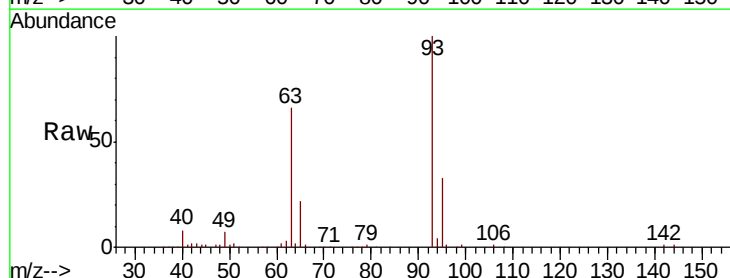
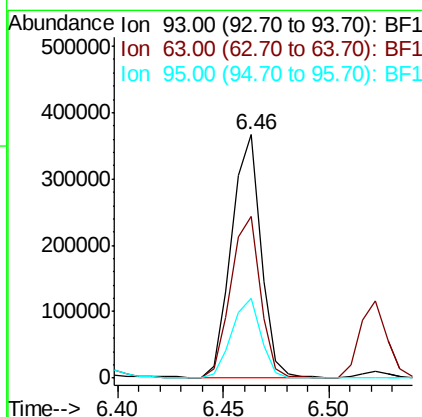
Manual Integrations
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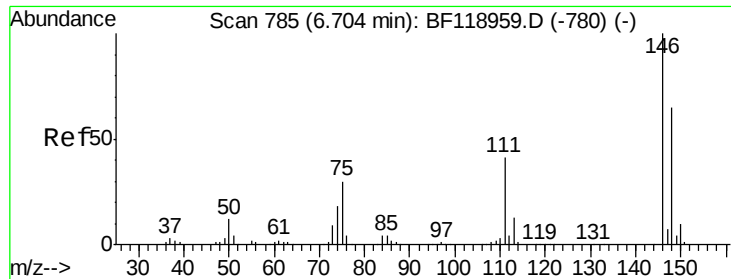
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#11
bis(2-Chloroethyl)ether
Concen: 47.572 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
93	100		
63	66.3	45.4	85.4
95	32.9	13.5	53.5





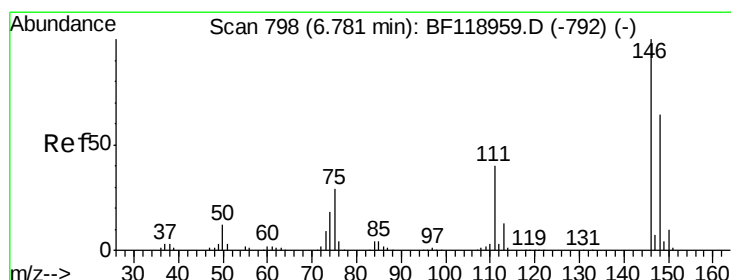
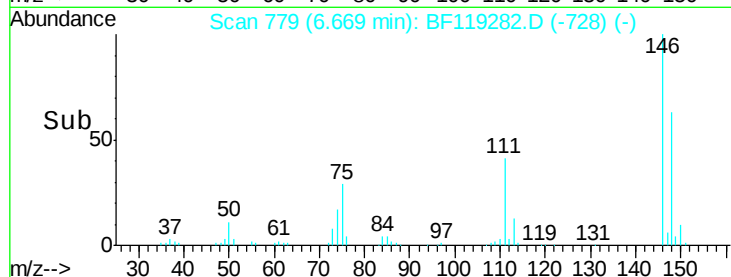
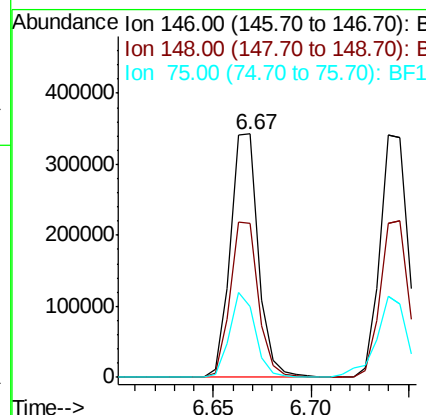
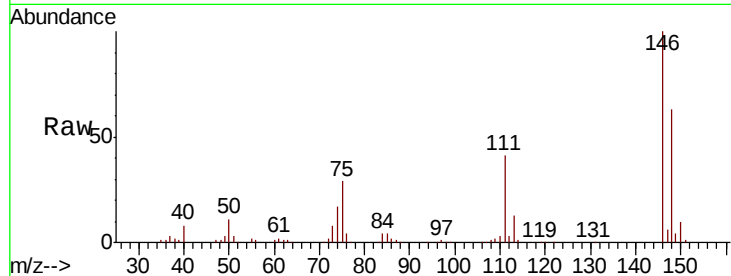
#12
 1,3-Dichlorobenzene
 Concen: 36.111 ng
 RT: 6.67 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.5	78.7
75	29.0	23.6	35.4

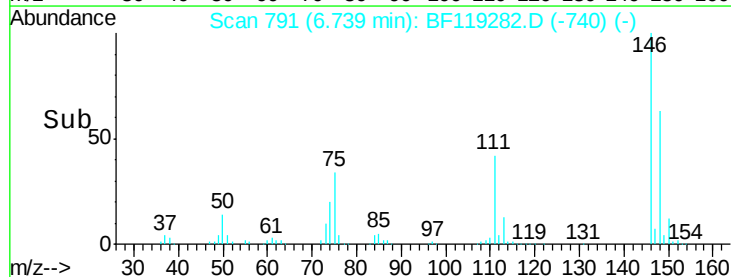
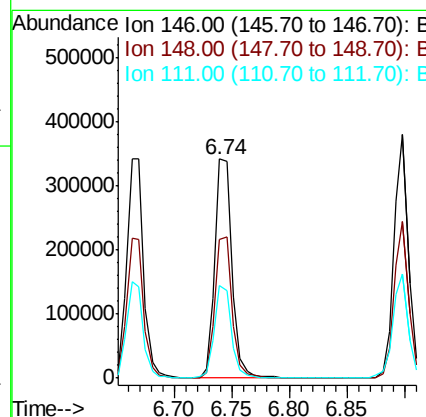
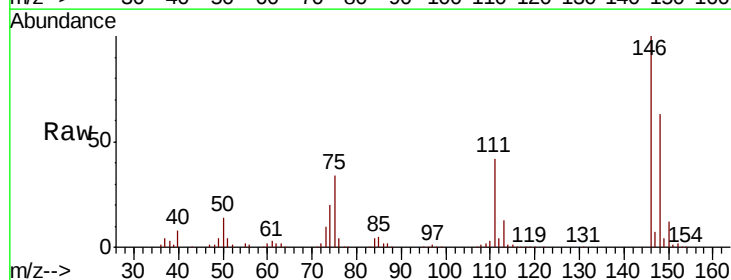
Manual Integrations
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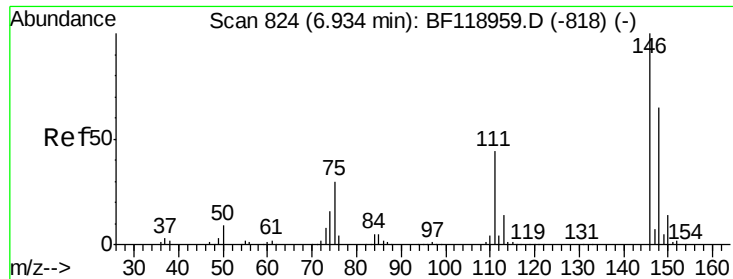
mohammad
 3/10/2020 2:44:07 PM



#13
 1,4-Dichlorobenzene
 Concen: 37.354 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
111	42.2	34.8	52.2





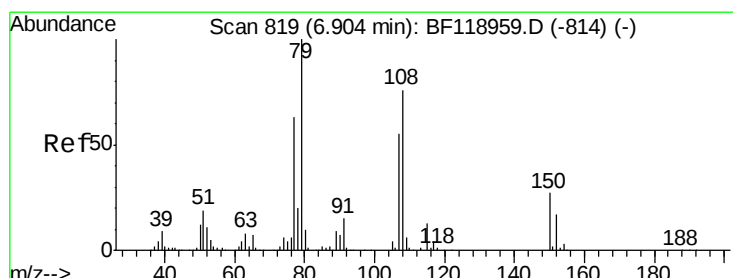
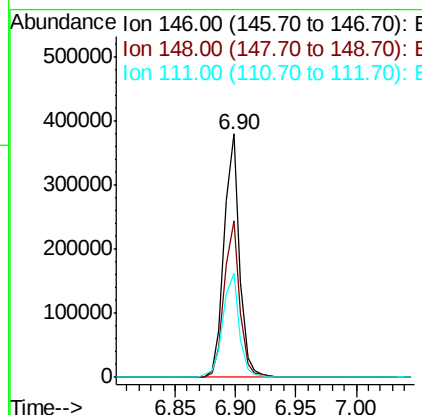
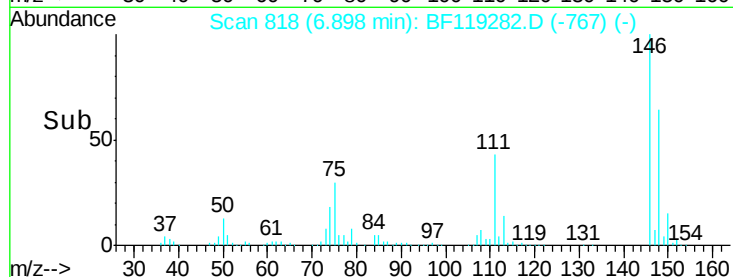
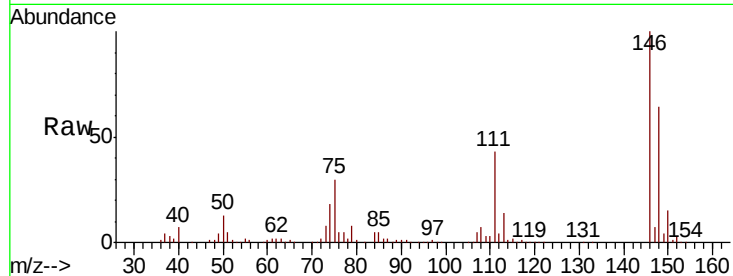
#14
1,2-Dichlorobenzene
Concen: 38.488 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.9	77.9
111	42.8	36.2	54.2

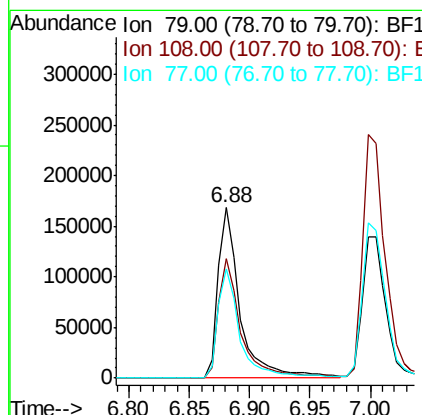
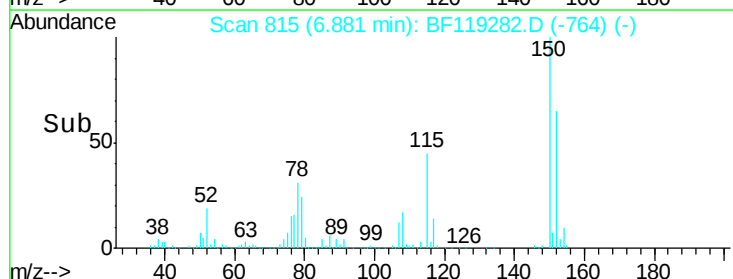
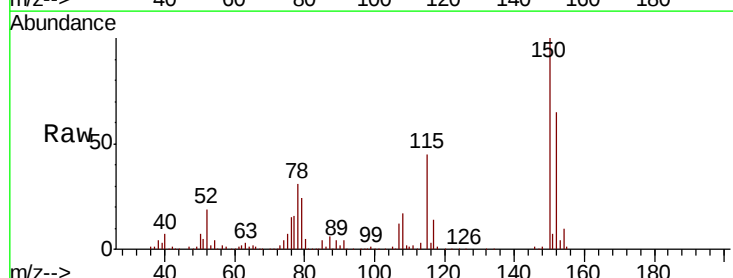
Manual Integrations
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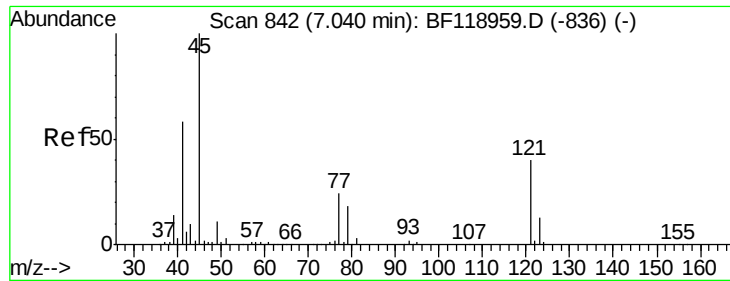
mohammad
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#15
Benzyl Alcohol
Concen: 32.860 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
79	100		
108	70.4	58.2	87.2
77	64.1	51.2	76.8





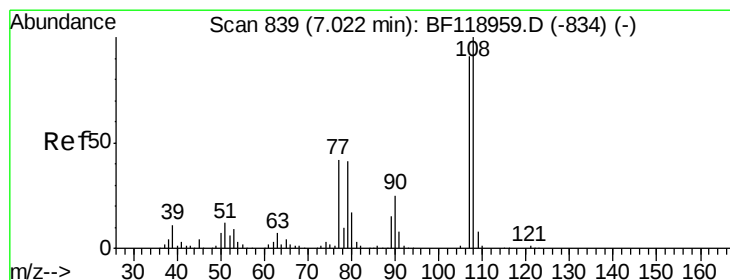
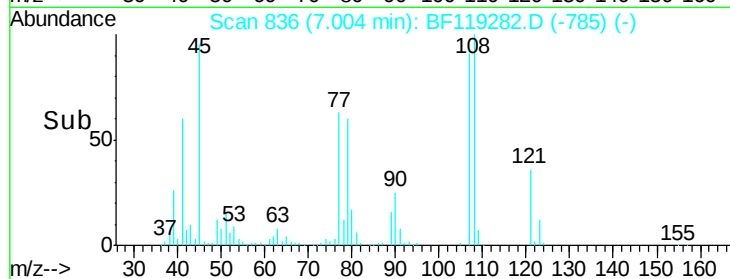
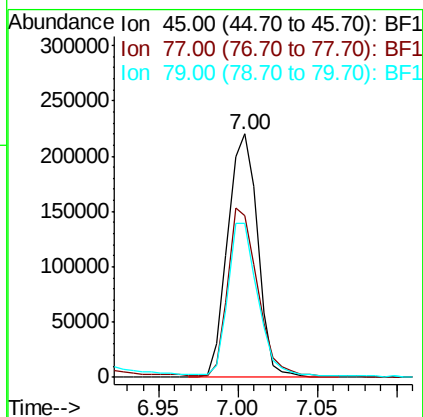
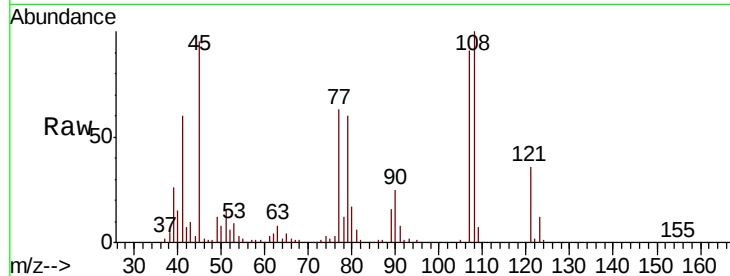
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 45.010 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Lower	Upper
45	100		
77	66.3	15.0	55.0#
79	63.5	9.4	49.4#

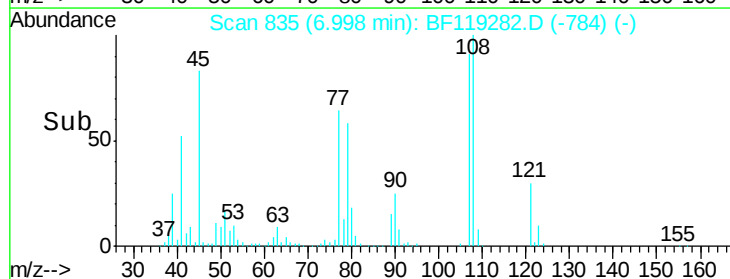
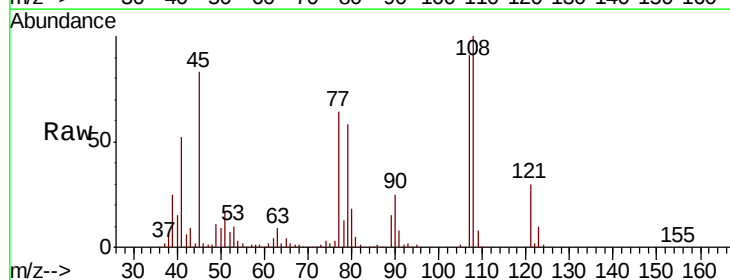
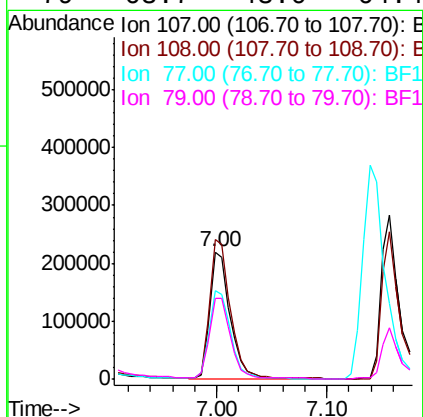
Manual Integrations
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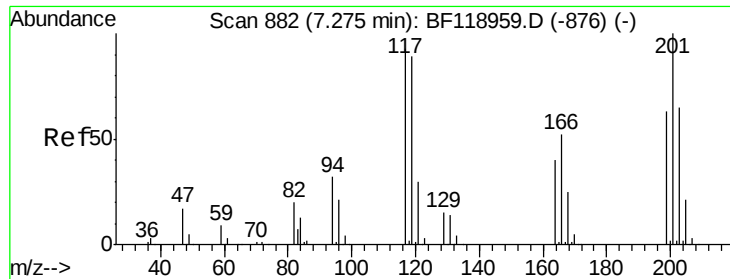
mohammad
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#17
2-Methylphenol
Concen: 43.058 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.7	87.9	131.9
77	69.7	45.3	67.9#
79	63.7	43.0	64.4





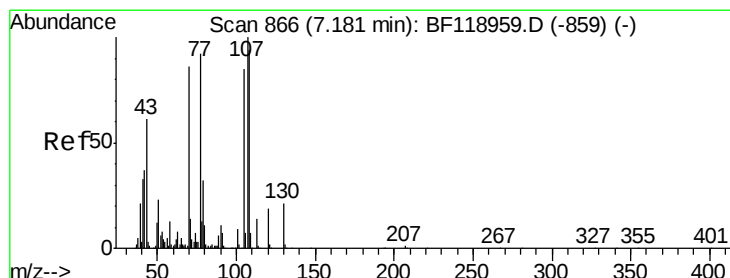
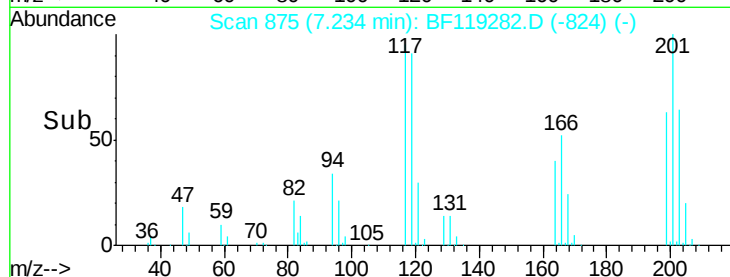
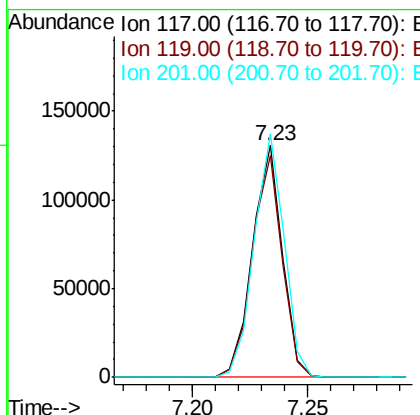
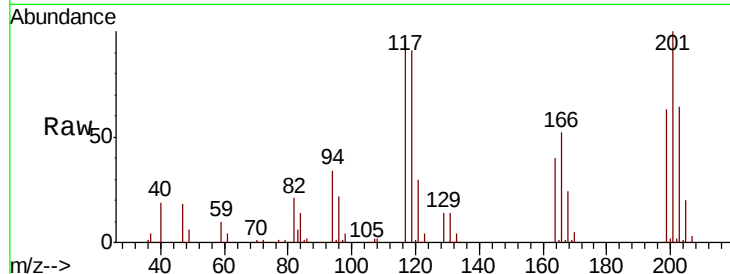
#18
Hexachloroethane
Concen: 34.791 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	118119		
119	95.6	77.5	116.3	
201	105.0	82.6	123.8	

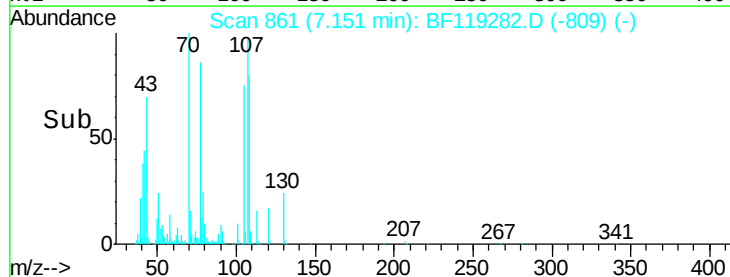
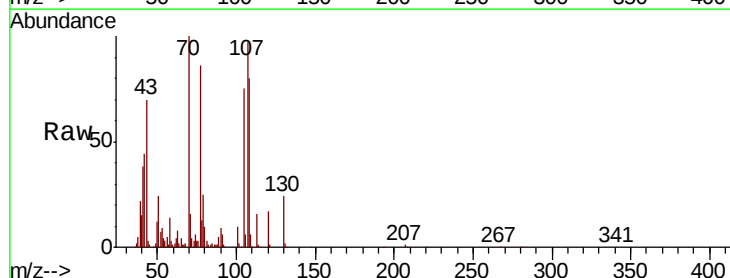
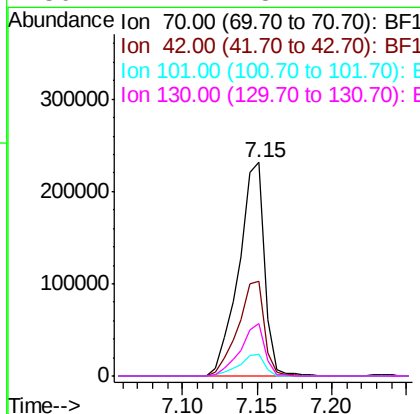
Manual Integrations
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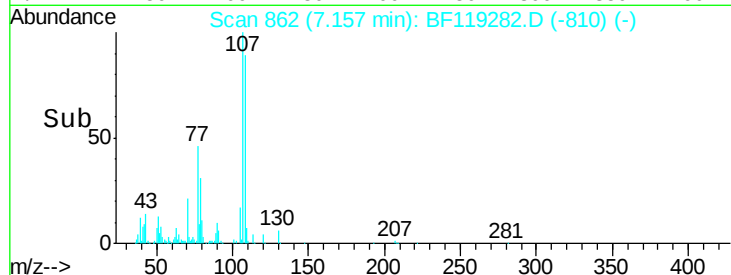
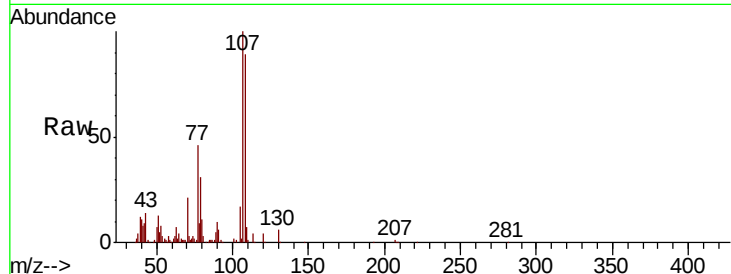
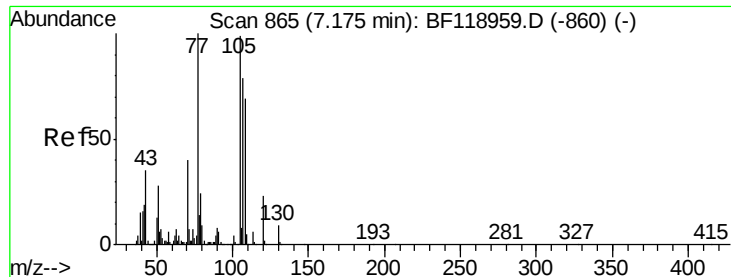
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#19
n-Nitroso-di-n-propylamine
Concen: 53.544 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

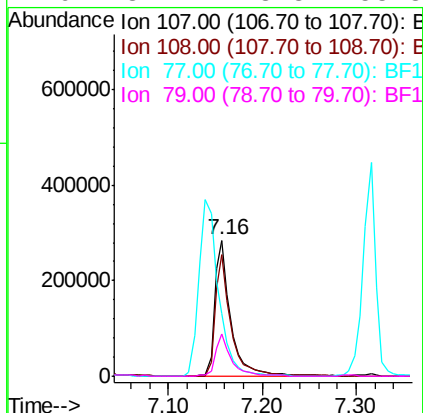
Tgt Ion	Ratio	Resp	Lower	Upper
70	100	278199		
42	44.1	38.0	57.0	
101	10.1	8.2	12.4	
130	24.4	18.2	27.4	





#20
3+4-Methylphenols
Concen: 42.741 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

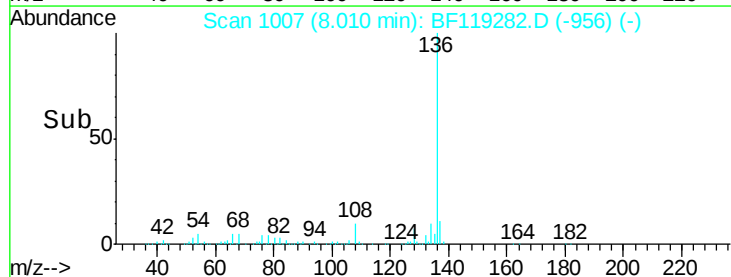
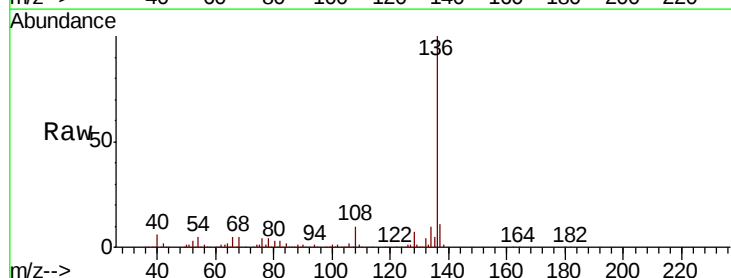
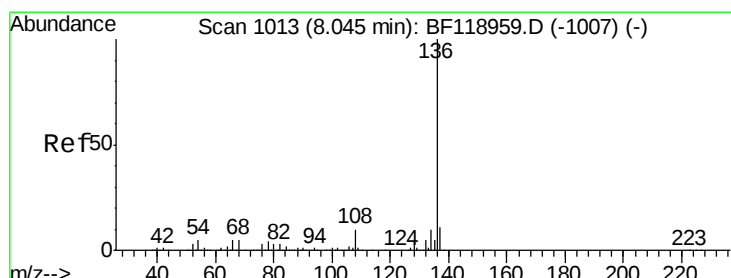
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	89.4	71.5	111.5	
77	46.0	45.9	85.9	
79	31.1	13.8	53.8	



Instrument :
BNA_F
ClientSampleId :
PB127331BS

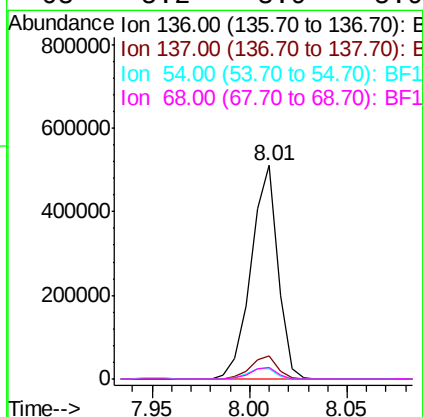
Manual Integrations
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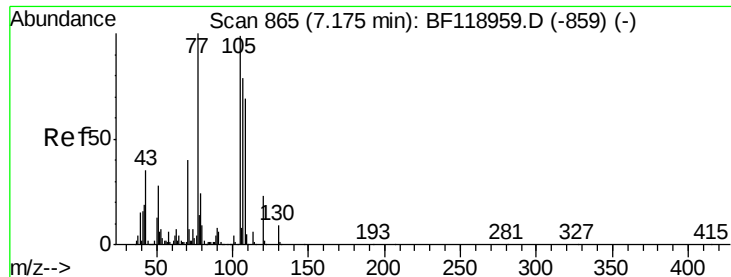
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.8	13.2	
54	4.9	3.8	5.6	
68	5.2	3.9	5.9	





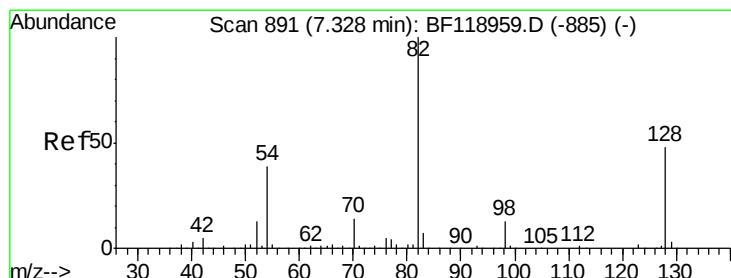
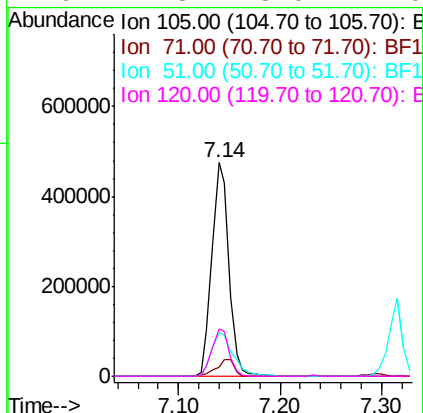
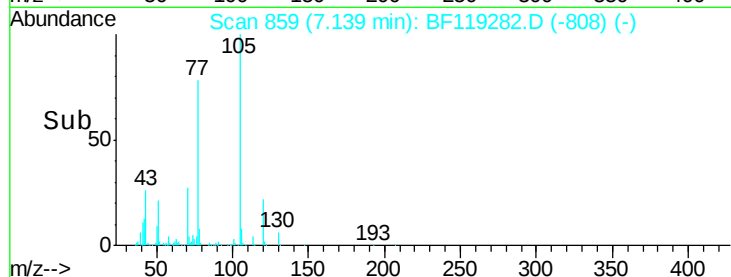
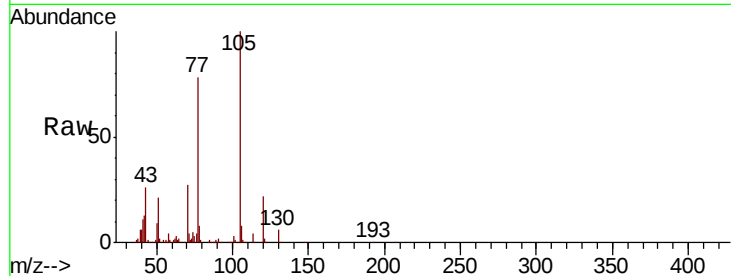
#22
Acetophenone
Concen: 49.450 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ion	Ratio	Resp Lower	Upper
105	105	100		
71	71	4.4	3.0	4.4
51	51	20.6	20.1	30.1
120	120	22.3	18.0	27.0

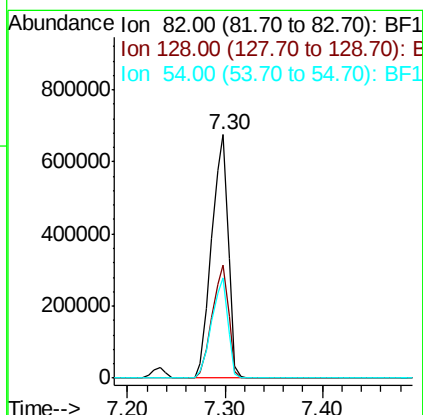
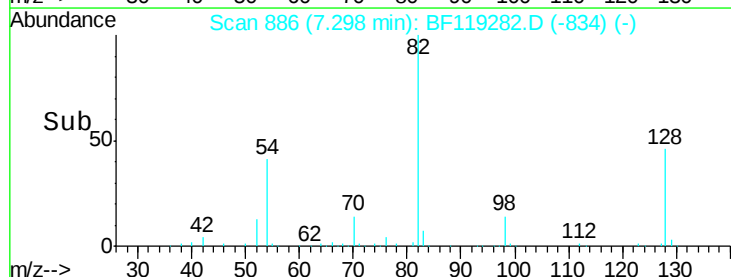
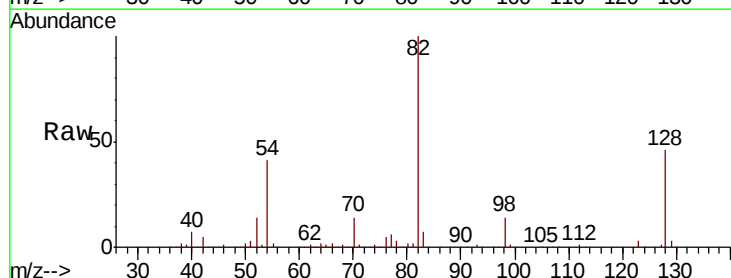
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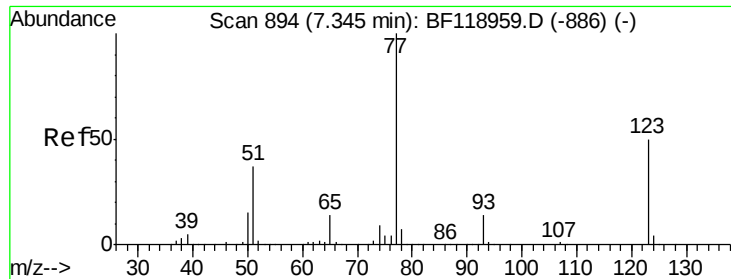
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#23
Nitrobenzene-d5
Concen: 87.064 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ion	Ratio	Resp Lower	Upper
82	82	100		
128	128	46.4	37.9	56.9
54	54	41.1	33.4	50.2





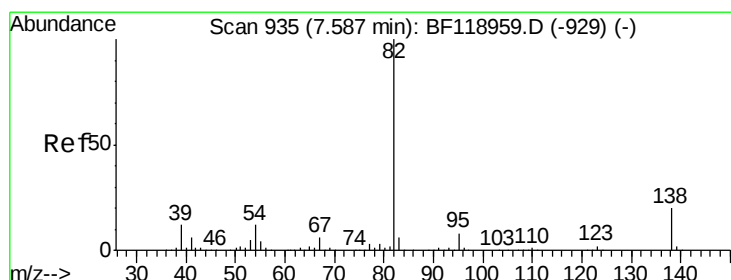
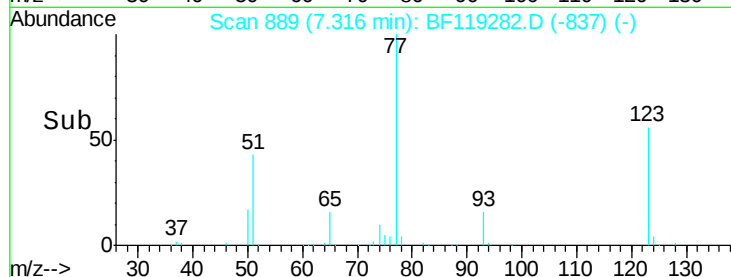
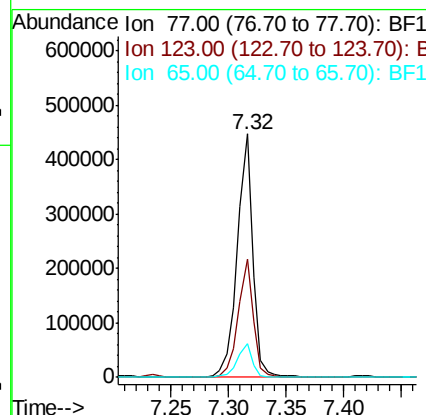
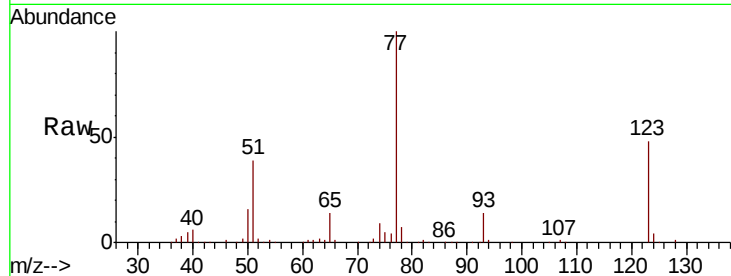
#24
Nitrobenzene
Concen: 45.844 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Lower	Upper
77	100		
123	48.4	40.2	60.2
65	13.8	10.8	16.2

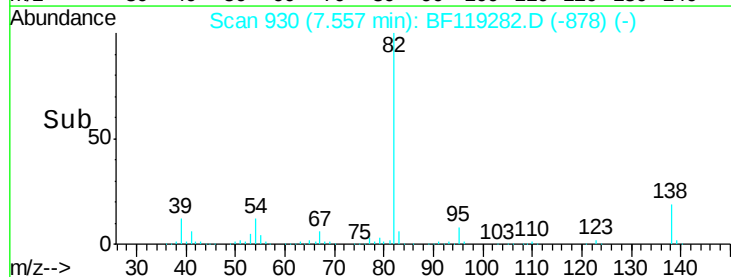
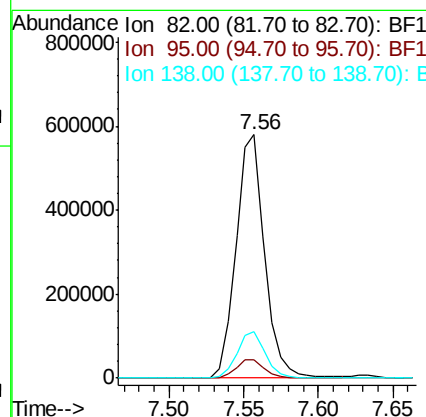
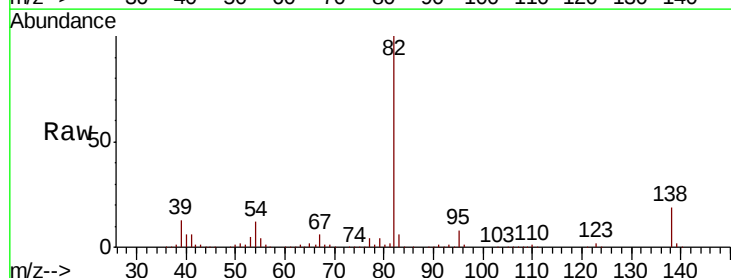
Manual Integrations
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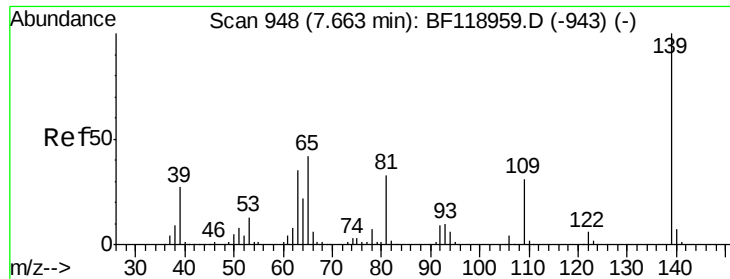
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#25
Isophorone
Concen: 48.548 ng
RT: 7.56 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.4	9.6
138	19.0	15.7	23.5





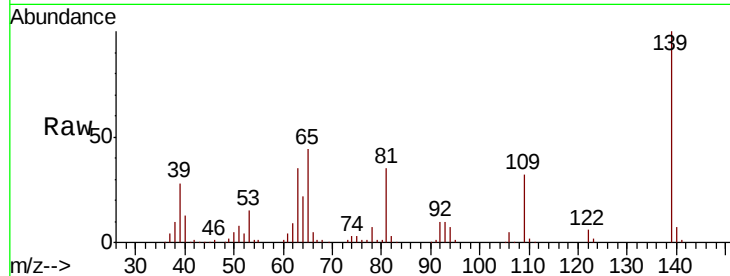
#26
2-Nitrophenol
Concen: 47.162 ng
RT: 7.63 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	31.5	25.7	38.5	
65	44.4	37.1	55.7	

Manual Integrations
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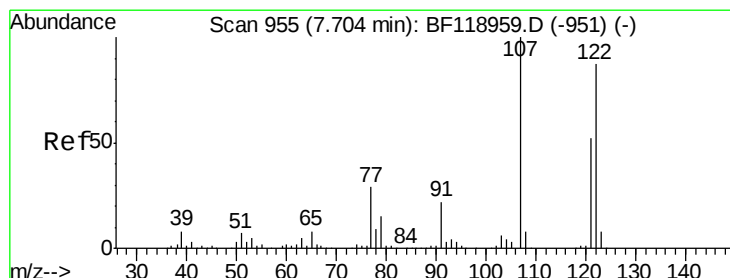
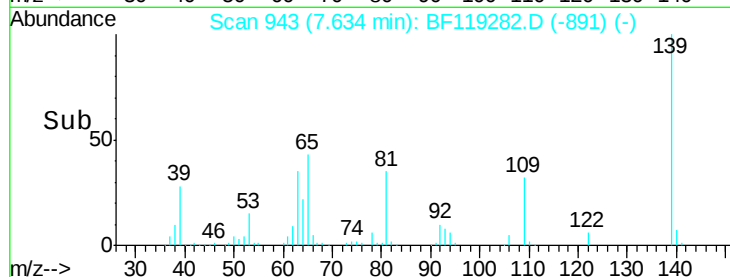
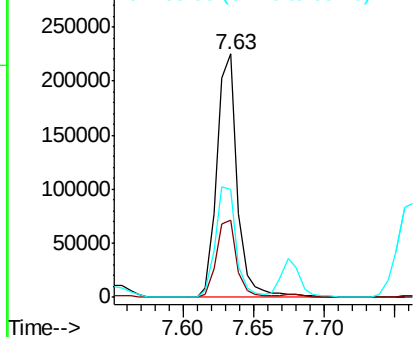


Abundance

Ion 139.00 (138.70 to 139.70): E

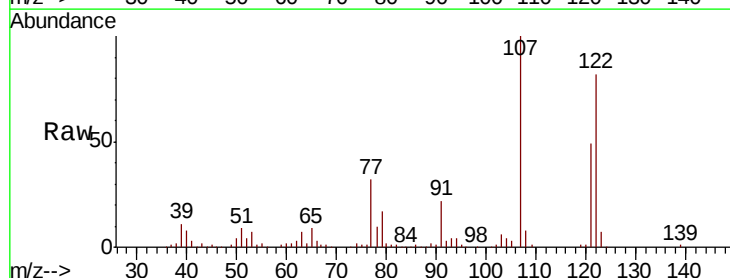
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#27
2,4-Dimethylphenol
Concen: 48.163 ng
RT: 7.67 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	122.1	93.8	140.6	
121	59.7	48.2	72.2	

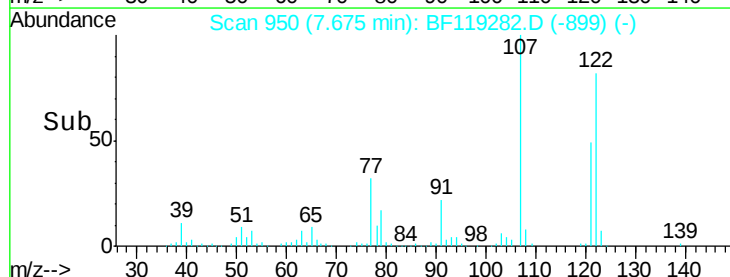
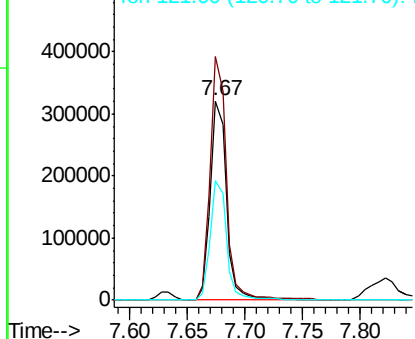


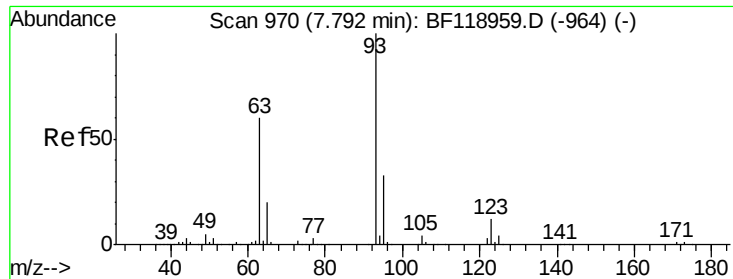
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





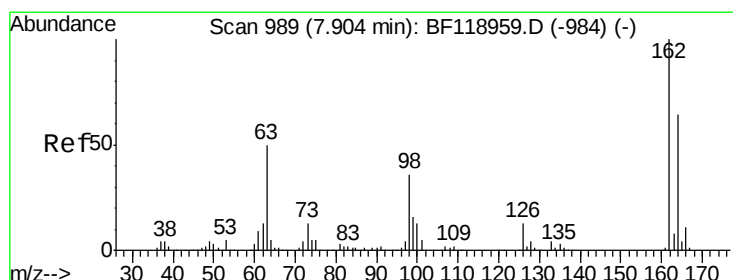
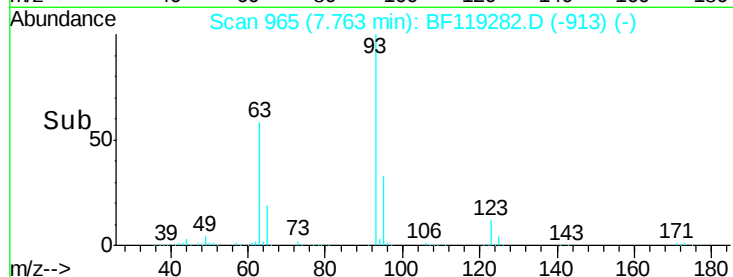
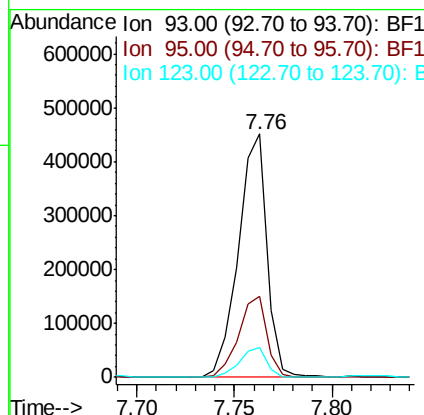
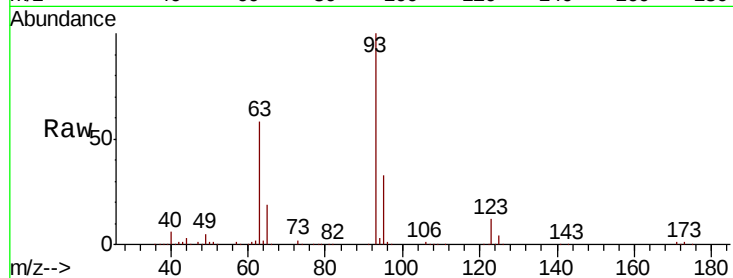
#28
bis(2-Chloroethoxy)methane
Concen: 44.117 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.2	26.5	39.7	
123	12.3	10.2	15.2	

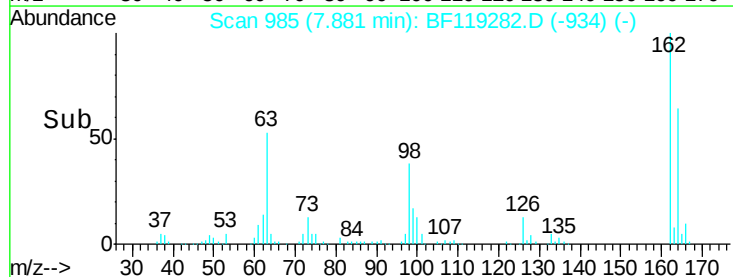
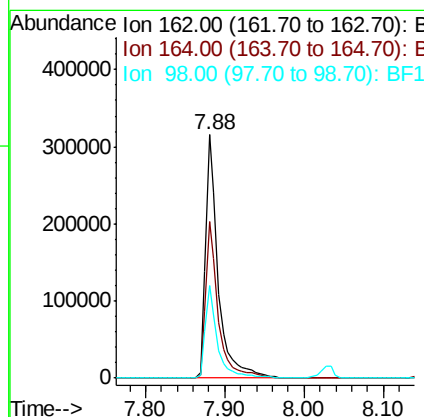
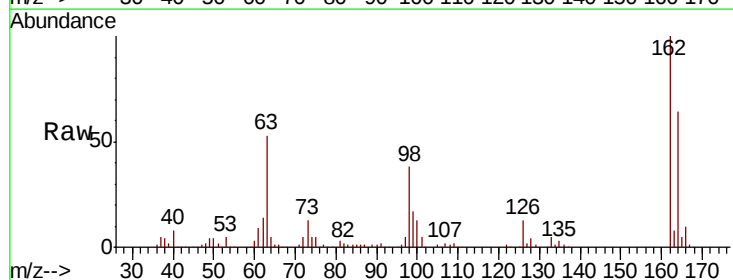
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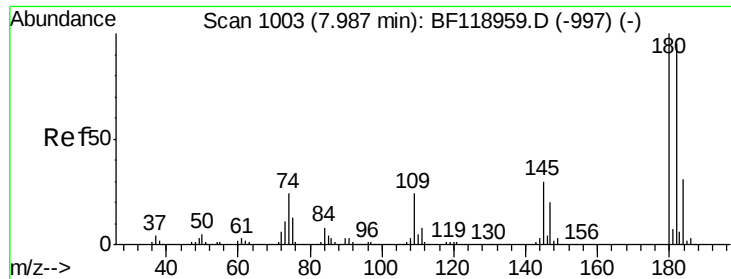
mohammad
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#29
2,4-Dichlorophenol
Concen: 46.448 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.3	45.2	85.2	
98	38.1	17.4	57.4	





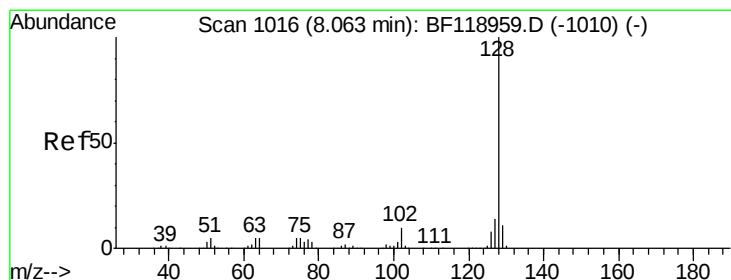
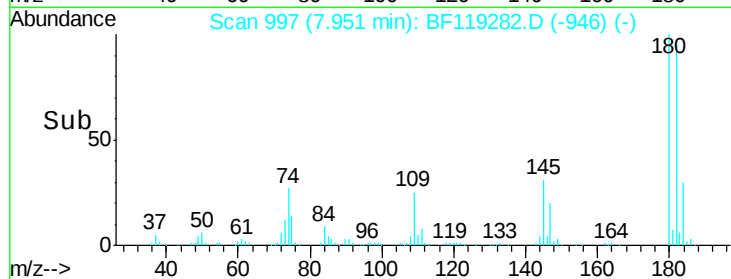
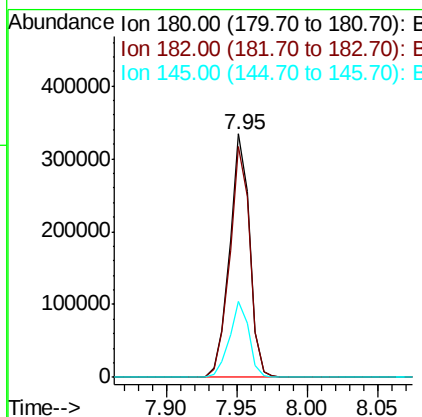
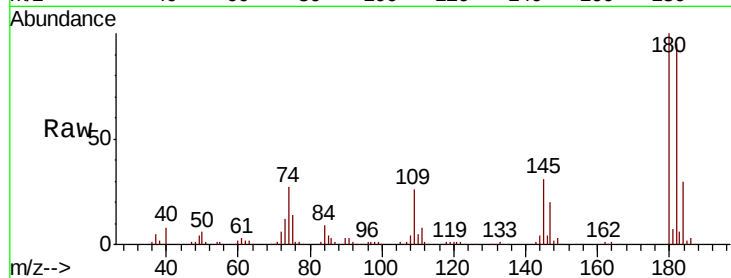
#30
1,2,4-Trichlorobenzene
Concen: 36.075 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	77.8	116.6
145	31.2	25.2	37.8

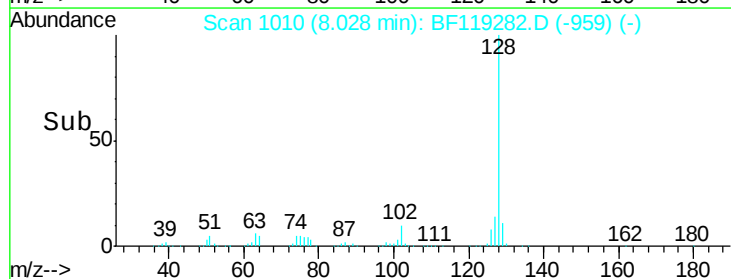
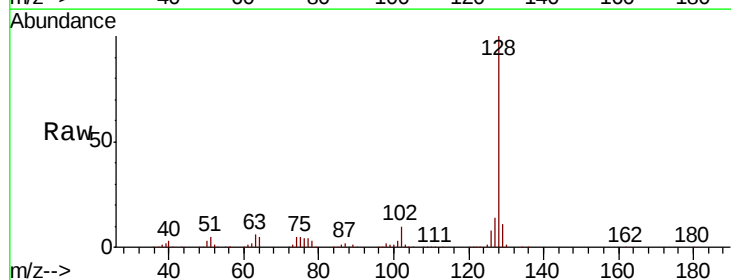
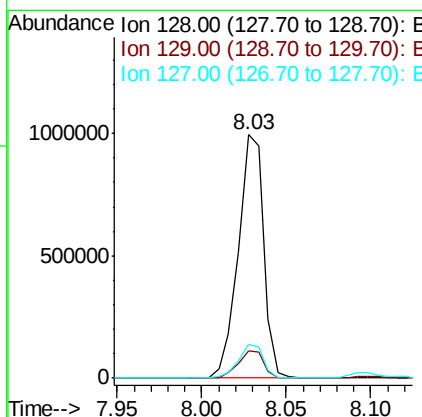
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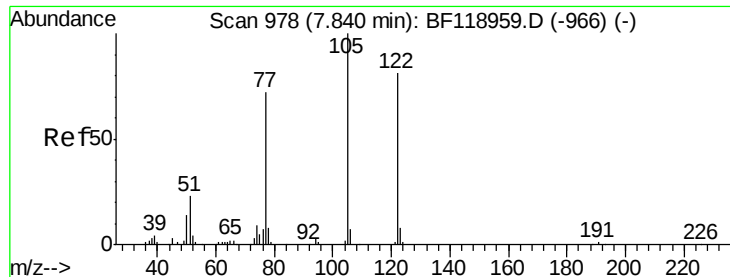
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#31
Naphthalene
Concen: 41.576 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.2
127	13.9	11.4	17.2





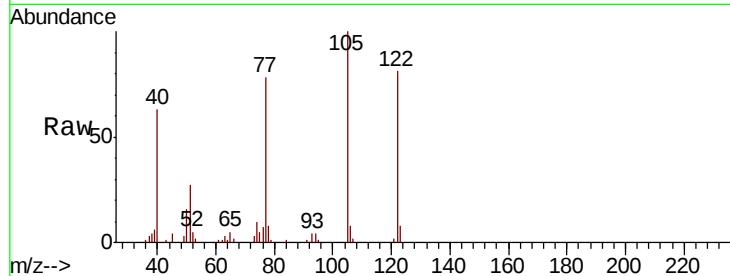
#32
Benzoic acid
Concen: 19.712 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Lower	Upper
122	100		
105	123.5	106.3	146.3
77	95.9	73.1	113.1

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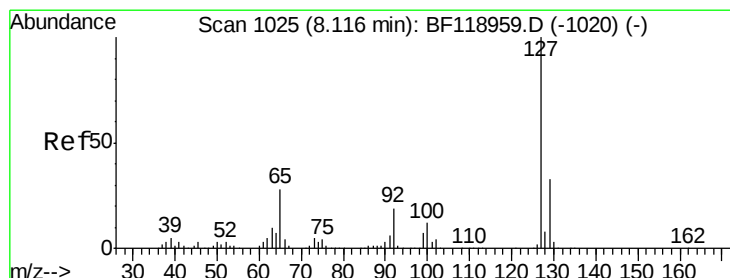
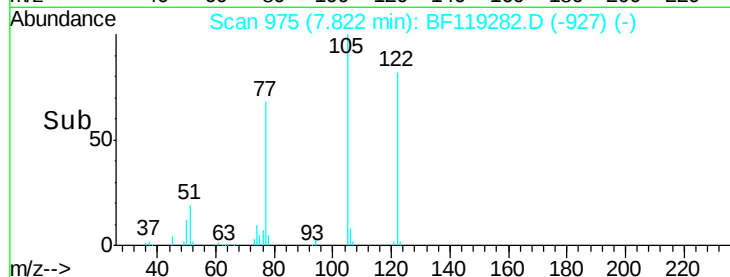
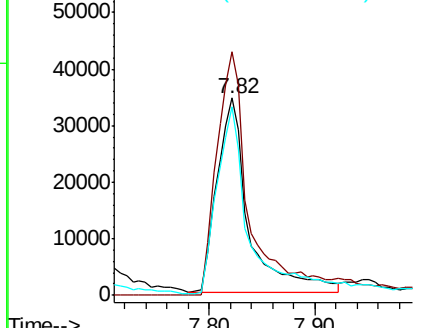


Abundance

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: 3.289 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	28.5	23.9	35.9
92	21.0	16.3	24.5

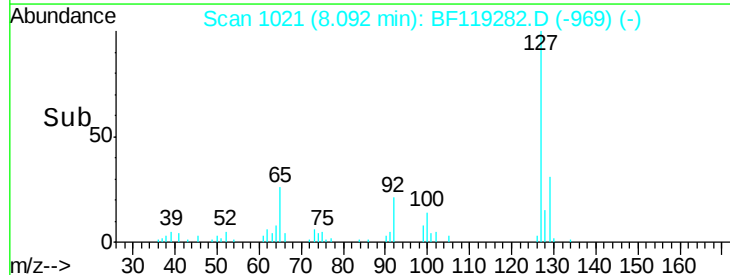
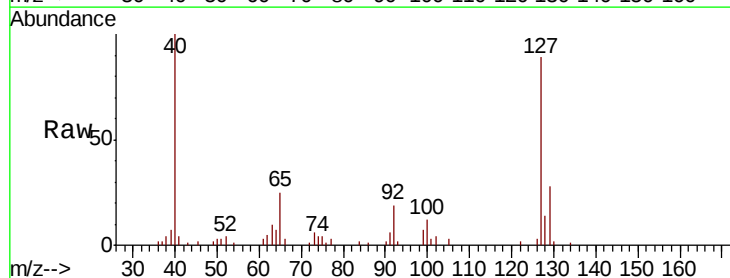
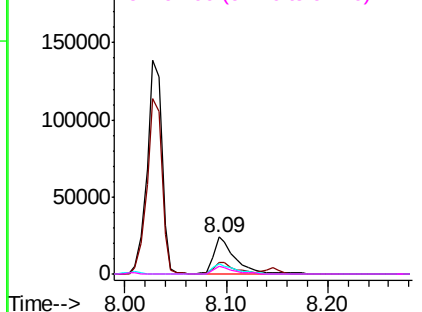
Abundance

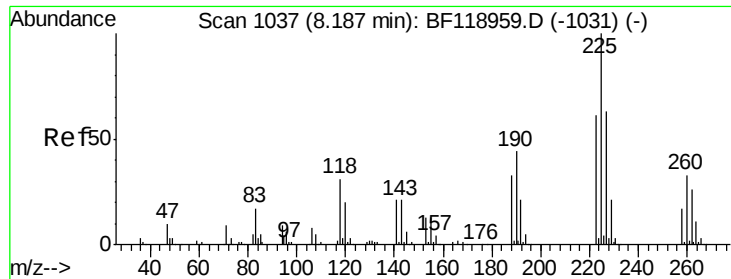
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





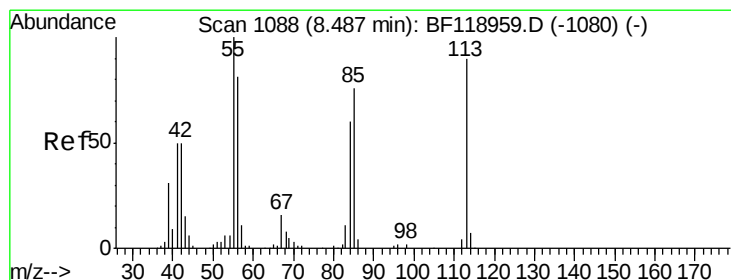
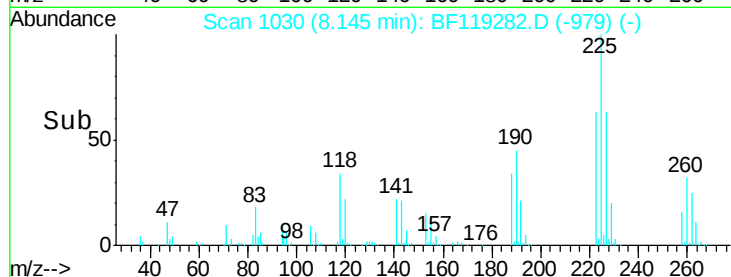
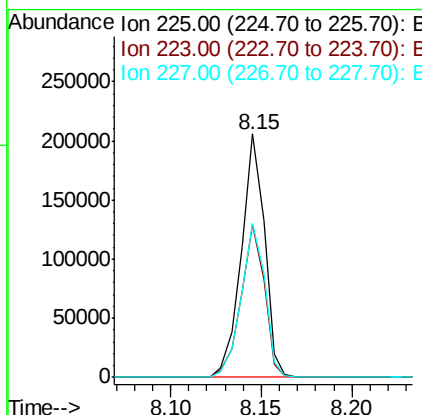
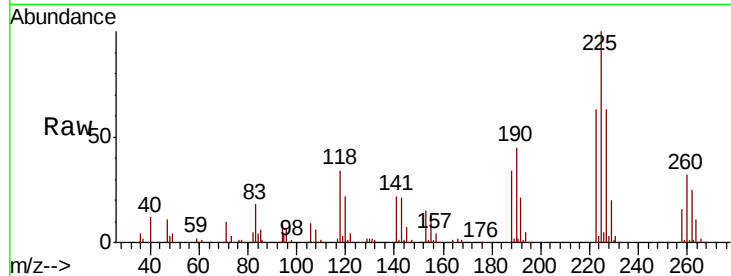
#34
Hexachlorobutadiene
Concen: 32.232 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.4	74.2
227	63.4	52.9	79.3

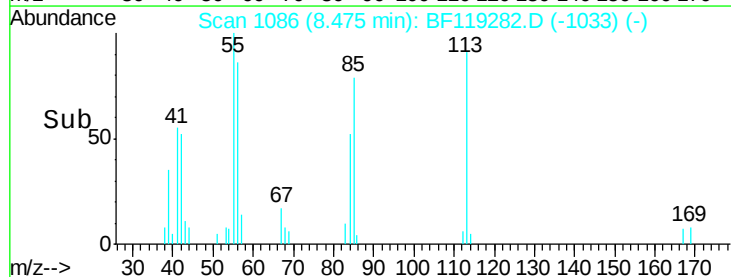
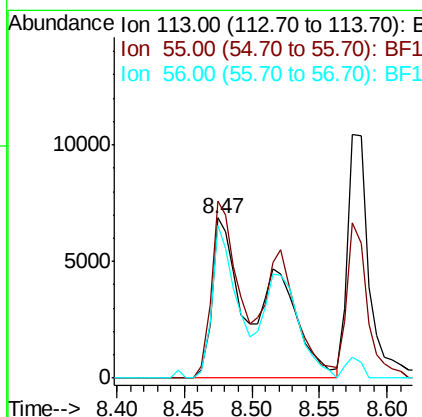
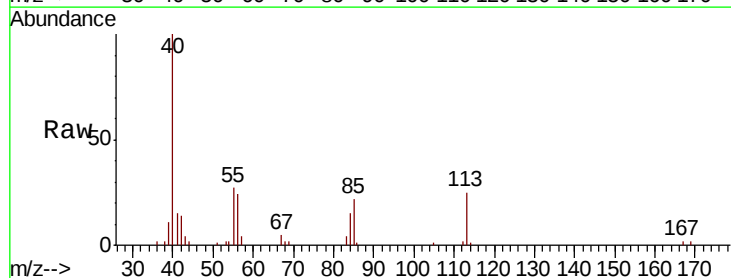
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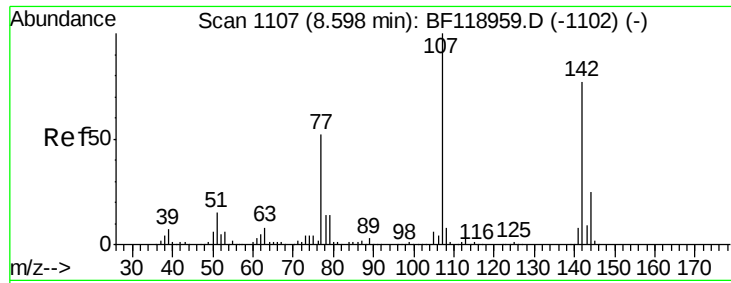
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#35
Caprolactam
Concen: 7.503 ng m
RT: 8.47 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
113	100		
55	110.2	95.7	135.7
56	95.0	73.1	113.1





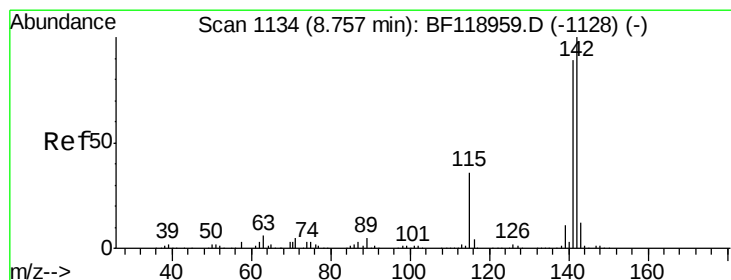
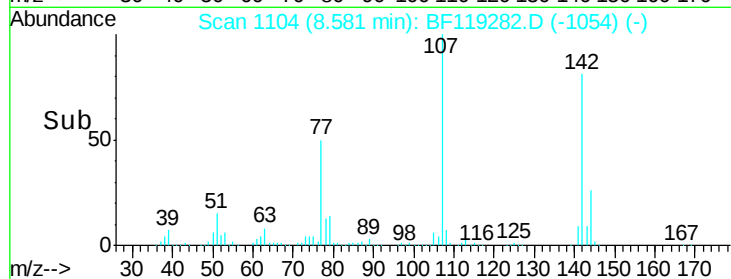
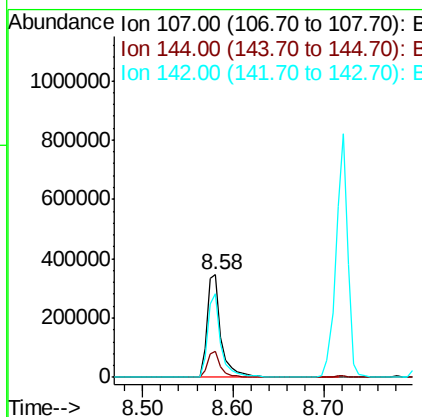
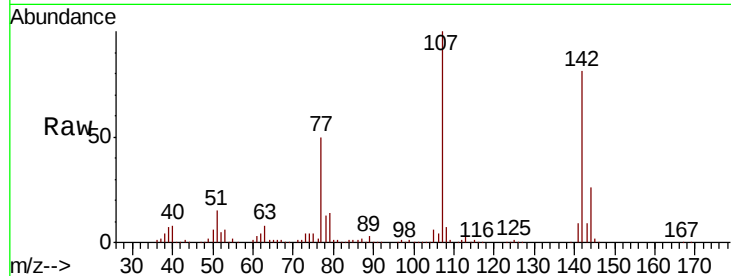
#36
4-Chloro-3-methylphenol
Concen: 48.976 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.1	30.1
142	80.8	61.4	92.2

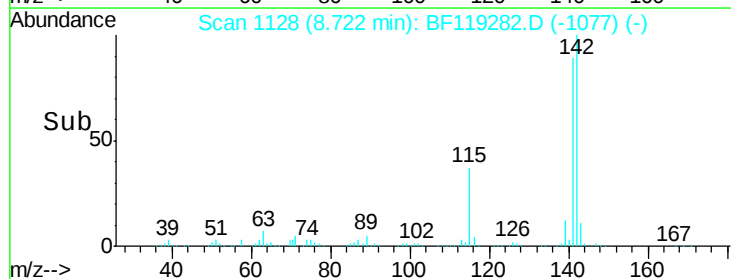
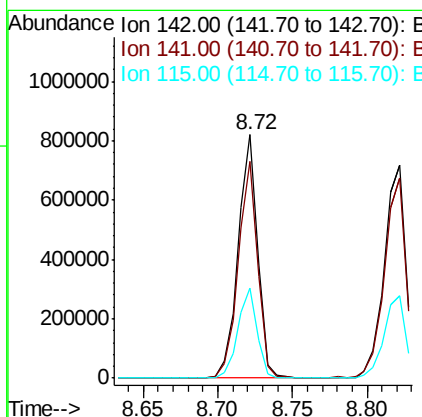
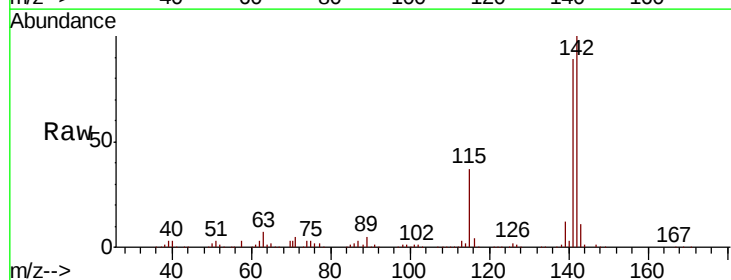
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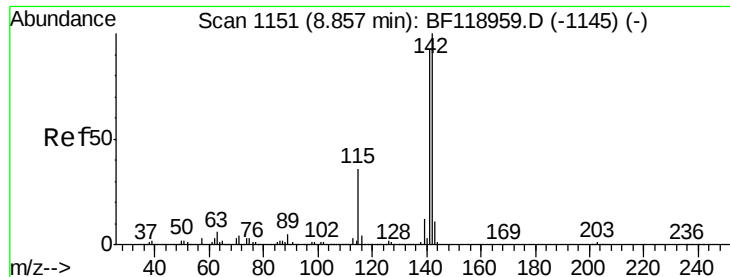
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#37
2-Methylnaphthalene
Concen: 44.119 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.3	108.5
115	36.9	30.6	45.8





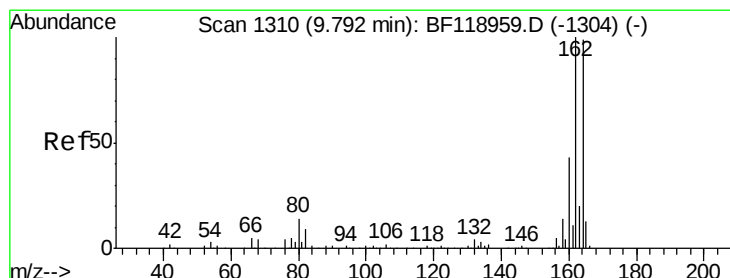
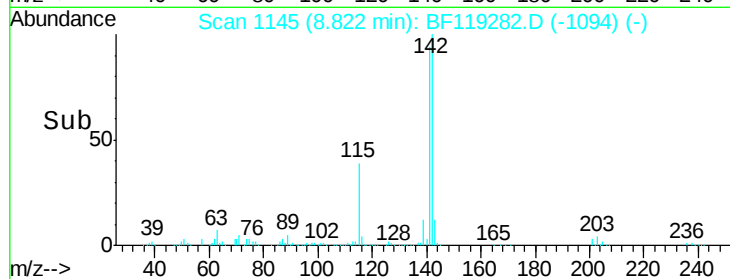
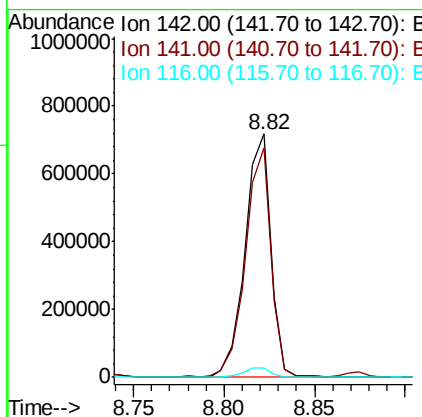
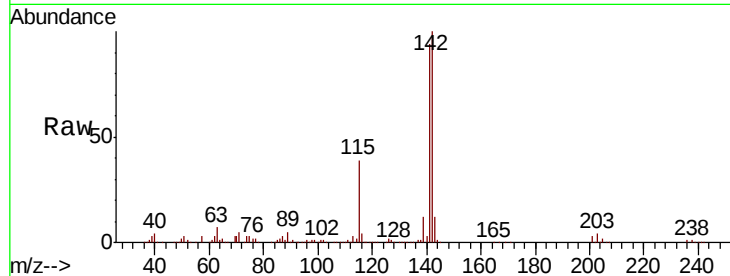
#38
1-Methylnaphthalene
Concen: 44.375 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	94.1	75.8	113.6
116	3.9	3.1	4.7

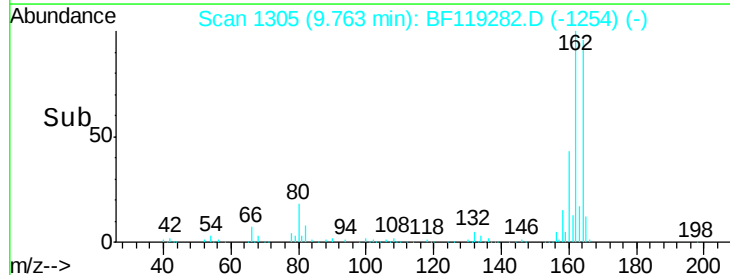
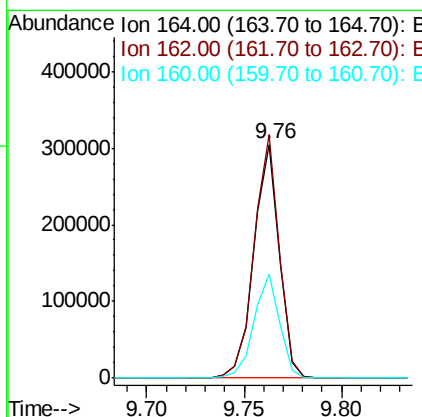
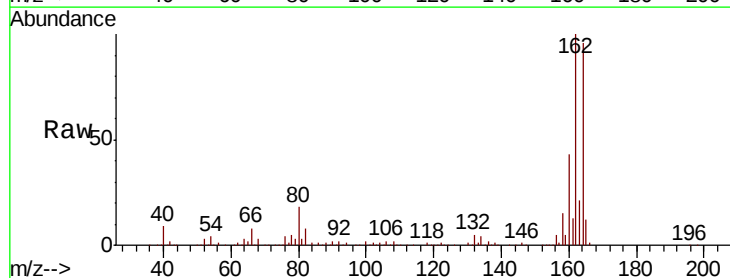
Manual Integrations
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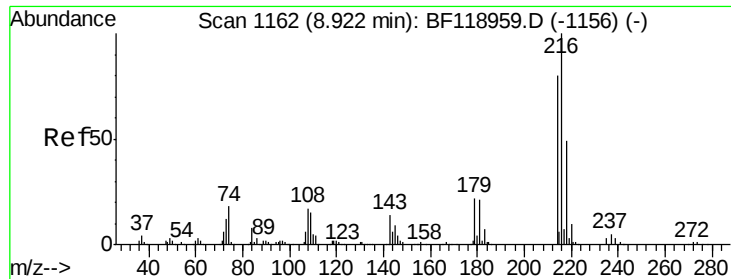
mohammad
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	81.8	122.8
160	44.8	36.0	54.0





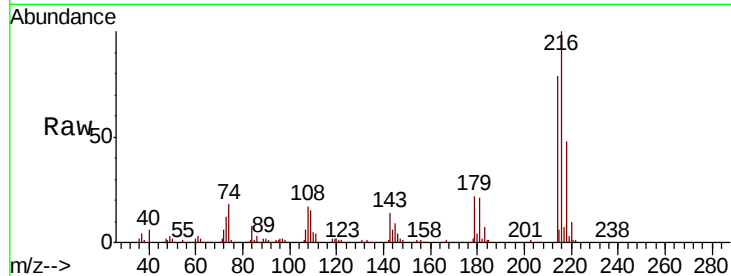
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.938 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

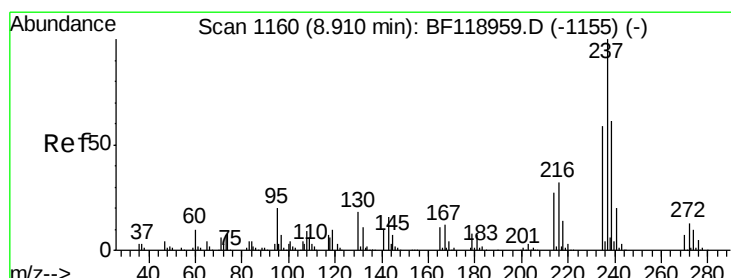
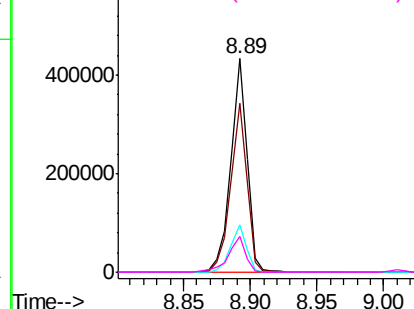
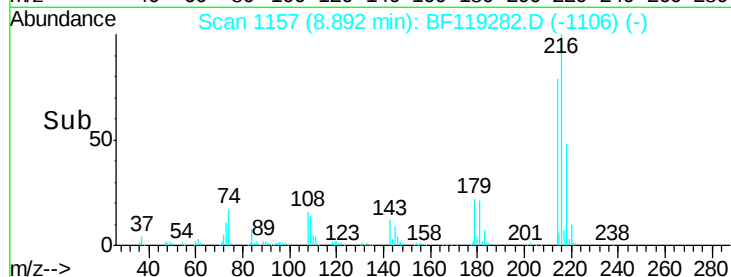
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		378345		
214	79.5	63.3	94.9		
179	21.9	17.7	26.5		
108	17.6	13.9	20.9		

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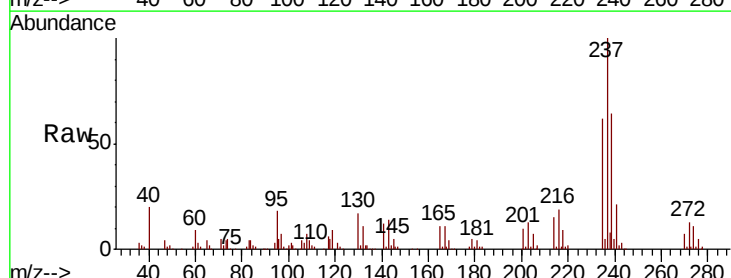


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

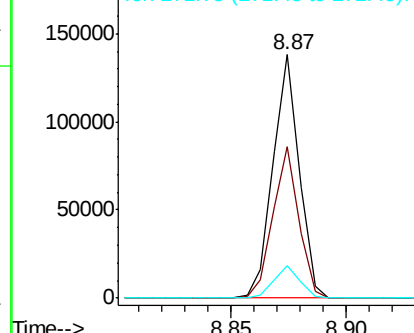
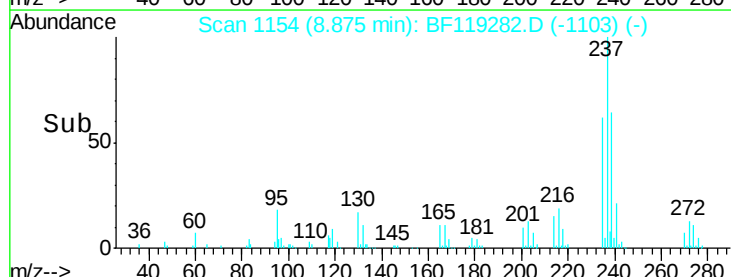


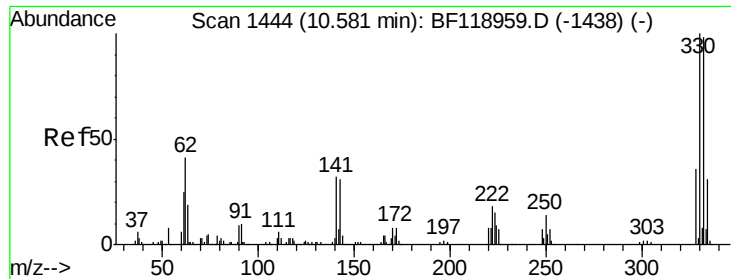
#41
 Hexachlorocyclopentadiene
 Concen: 38.056 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		109249		
235	62.1	42.3	82.3		
272	13.5	0.0	33.5		



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





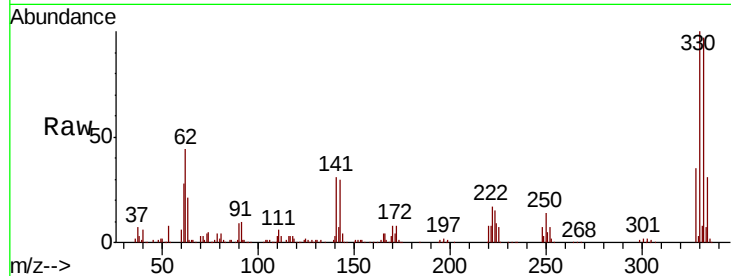
#42
 2,4,6-Tribromophenol
 Concen: 126.995 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.7	76.0	114.0	
141	28.5	22.9	34.3	

Manual Integrations
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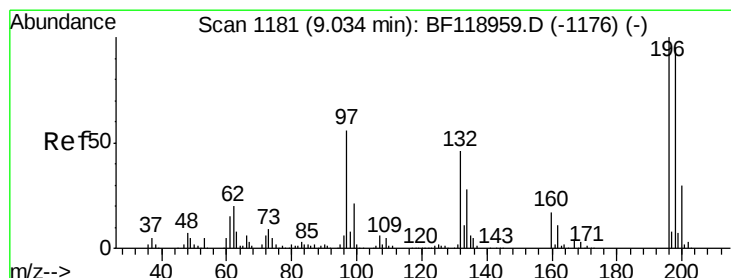
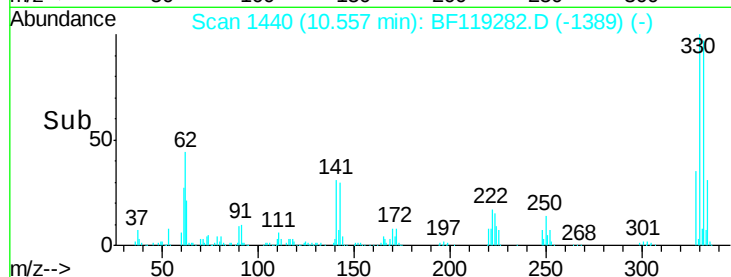
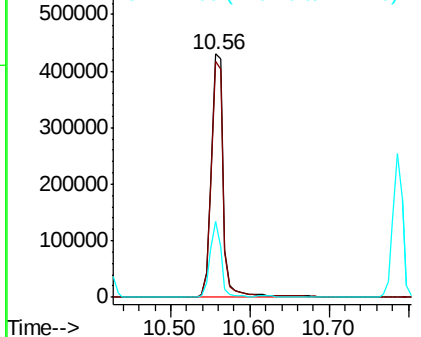


Abundance

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: 43.488 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

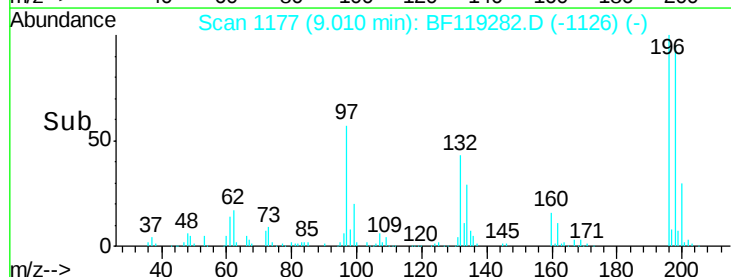
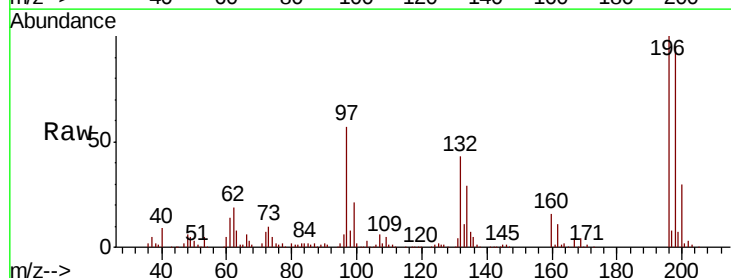
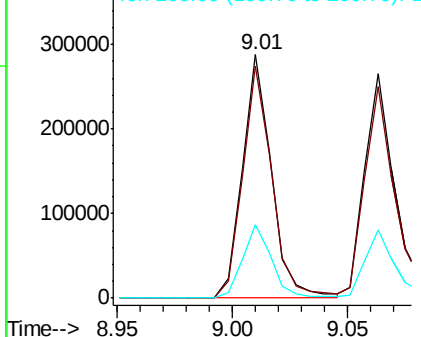
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.2	77.1	115.7	
200	30.2	25.0	37.6	

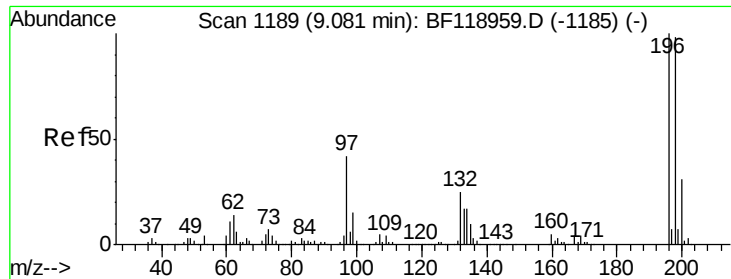
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





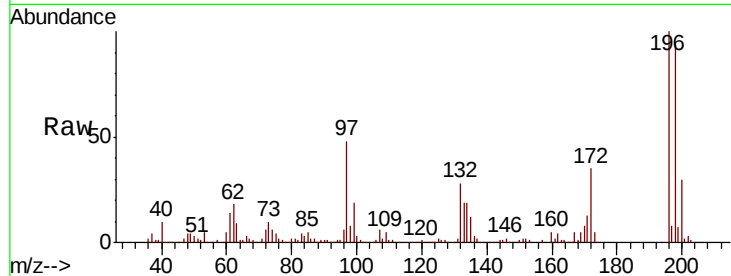
#44
2,4,5-Trichlorophenol
Concen: 43.341 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :
PB127331BS

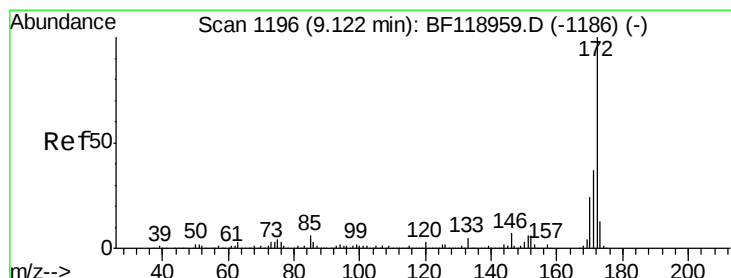
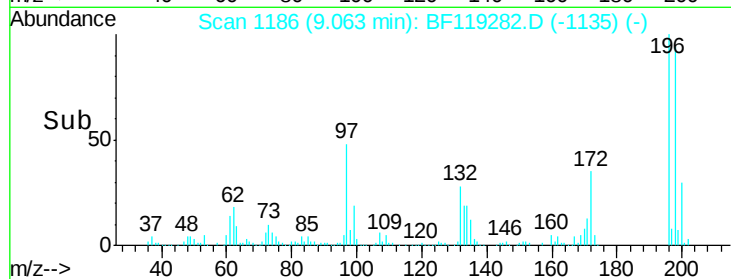
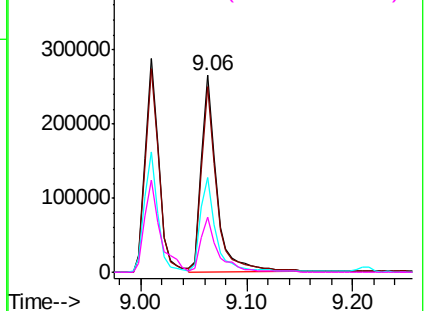
Tot Ion	Ratio	Resp	Lower	Upper
196	100	265430		
198	94.3	76.8	115.2	
97	48.3	38.5	57.7	
132	27.9	22.2	33.4	

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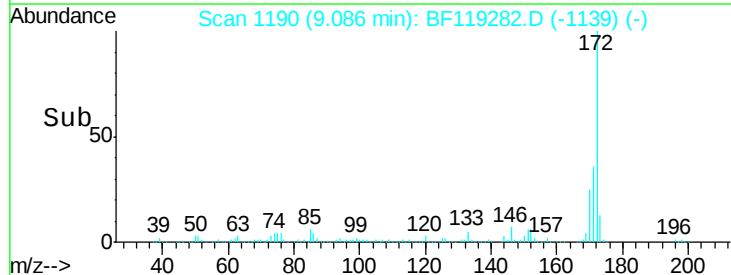
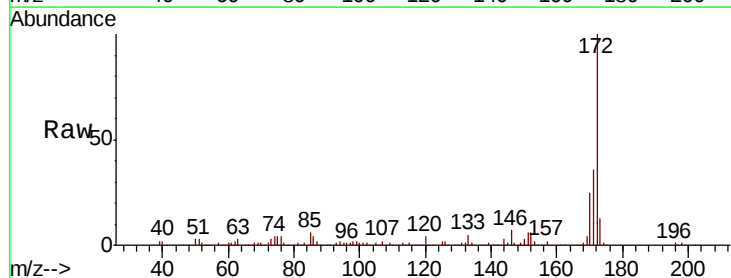
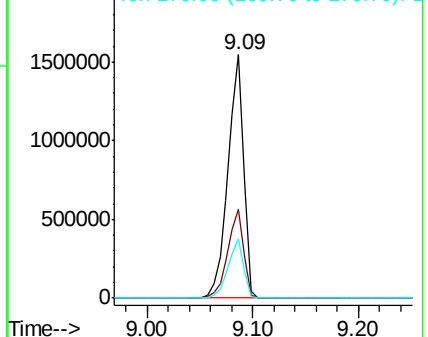
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

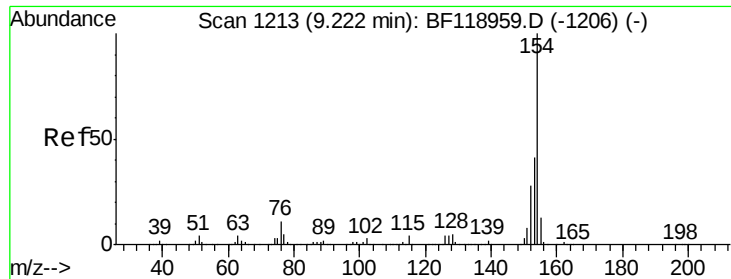


#45
2-Fluorobiphenyl
Concen: 85.104 ng
RT: 9.09 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1583519		
171	36.2	30.6	45.8	
170	24.5	20.2	30.2	

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





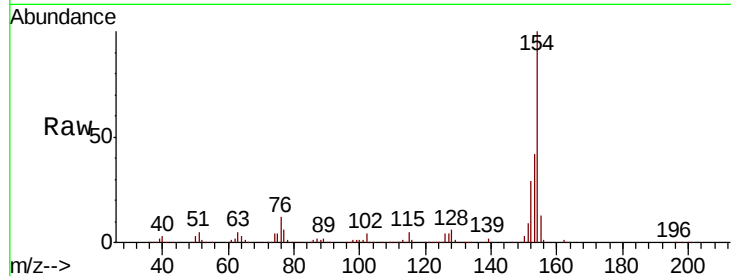
#46
1,1'-Biphenyl
Concen: 42.708 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampled :
PB127331BS

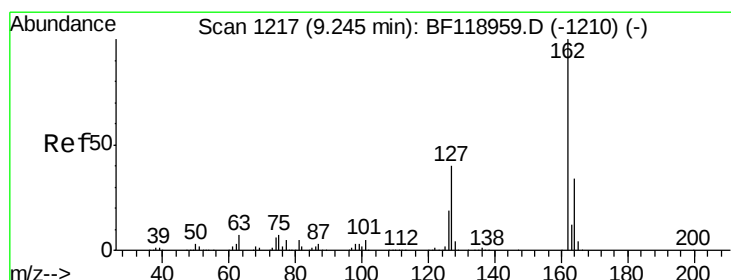
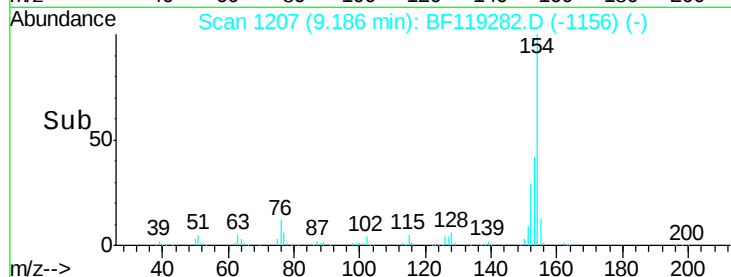
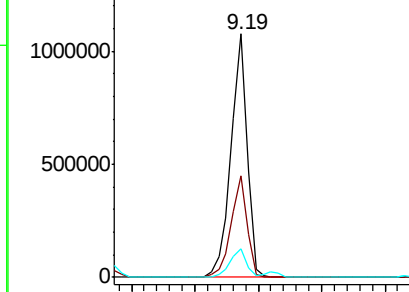
Tot Ion:	154	Resp:	946141
Ion Ratio	Lower	Upper	
154	100		
153	41.7	22.8	62.8
76	11.9	0.0	32.2

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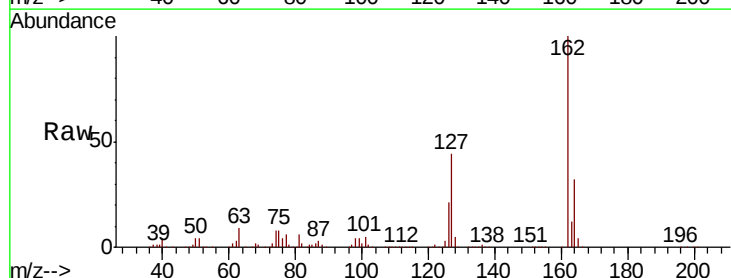


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

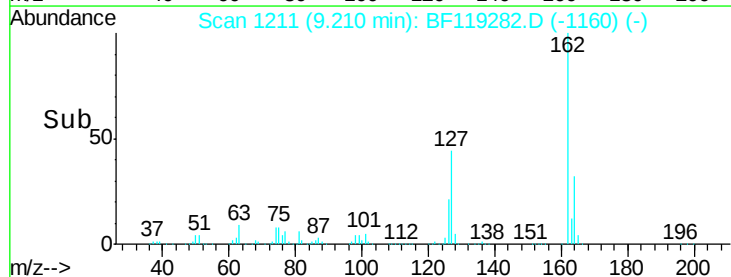
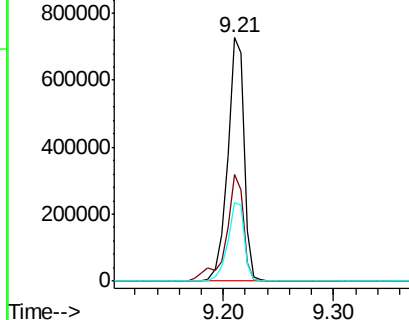


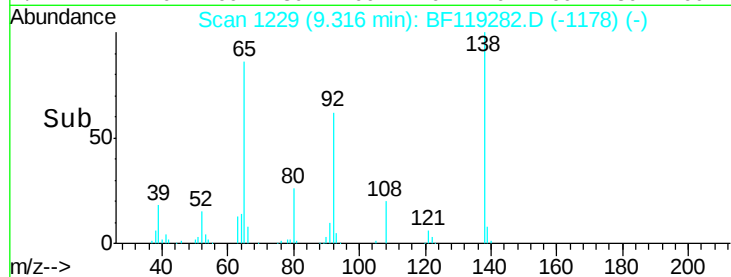
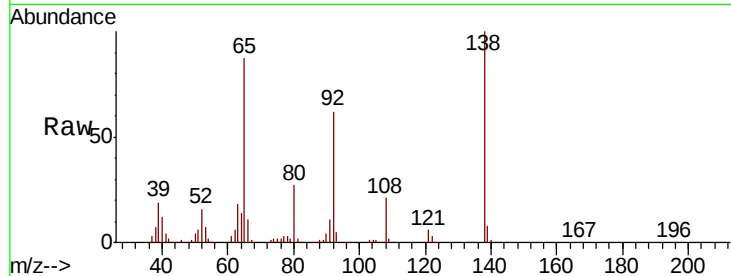
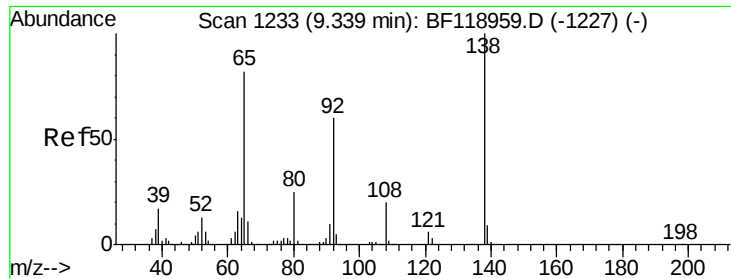
#47
2-Chloronaphthalene
Concen: 42.405 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion:	162	Resp:	757048
Ion Ratio	Lower	Upper	
162	100		
127	43.5	35.0	52.4
164	32.2	27.2	40.8



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





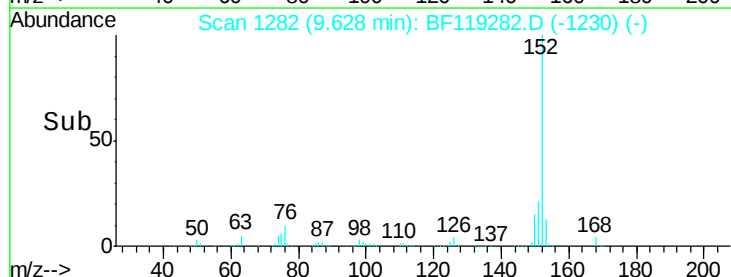
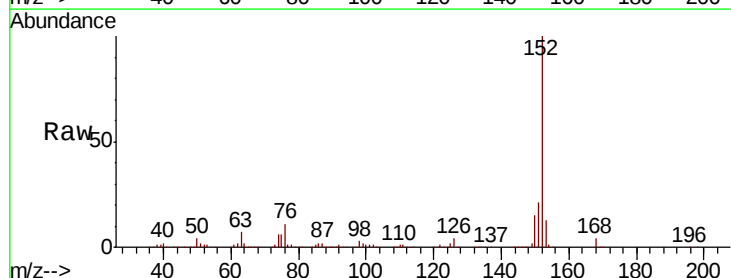
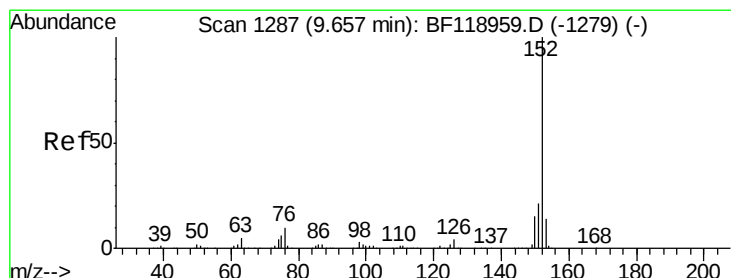
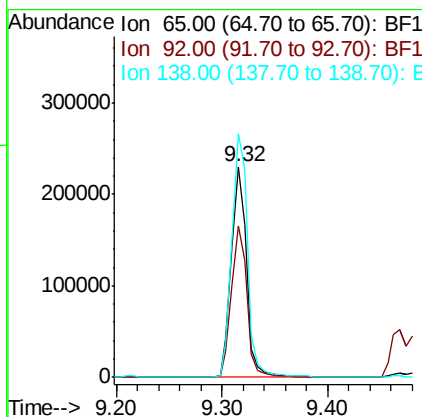
#48
2-Nitroaniline
Concen: 46.310 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tot Ion	Ratio	Resp	Lower	Upper
65	100	230599		
92	71.9	58.2	87.2	
138	115.5	95.6	143.4	

Instrument :
BNA_F
ClientSampleId :
PB127331BS

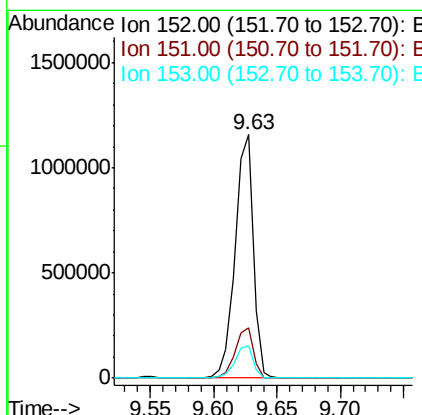
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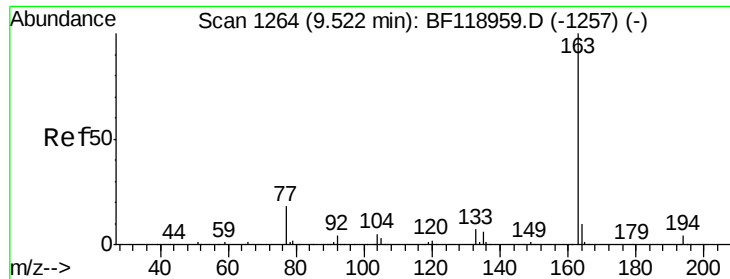
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#49
Acenaphthylene
Concen: 44.026 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1135181		
151	20.9	16.9	25.3	
153	13.1	11.0	16.6	





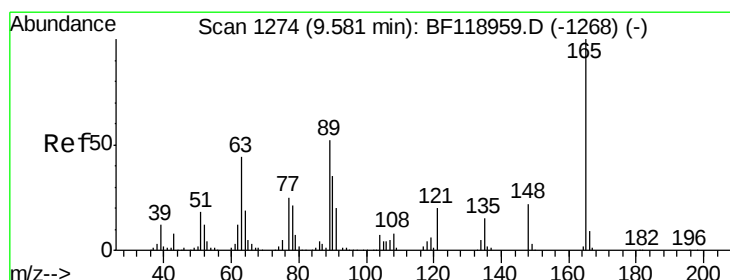
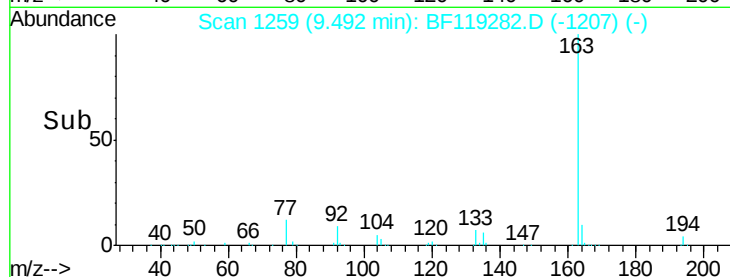
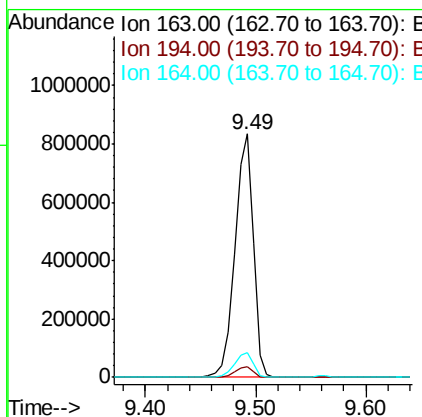
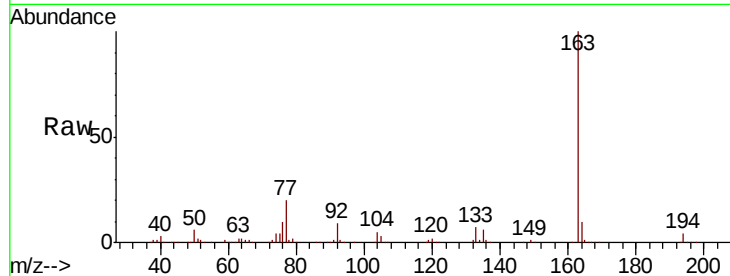
#50
Dimethylphthalate
Concen: 46.330 ng
RT: 9.49 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampled :
PB127331BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	971120		
194	4.2		3.5	5.3
164	10.2		8.4	12.6

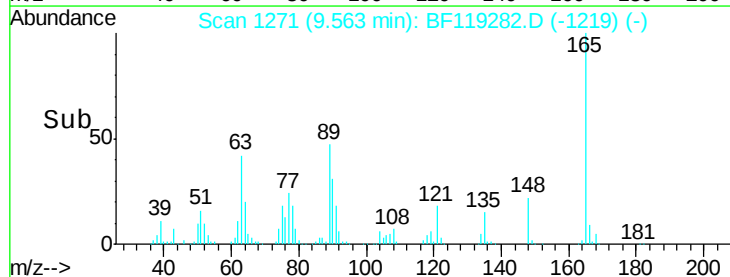
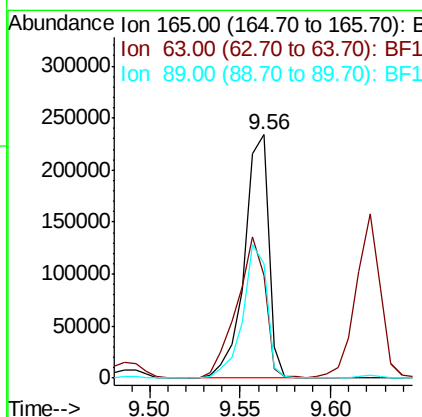
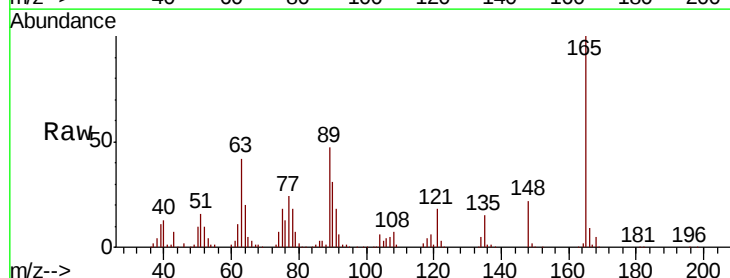
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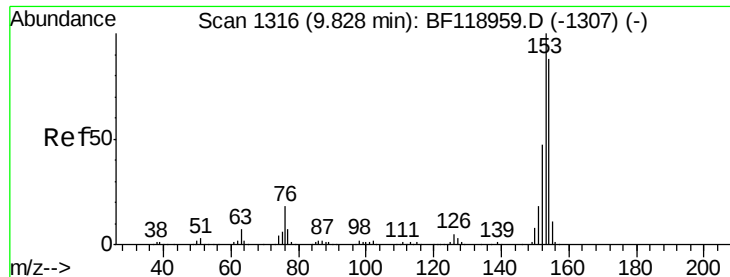
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#51
2,6-Dinitrotoluene
Concen: 46.696 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	217456		
63	42.0		34.3	51.5
89	47.0		38.3	57.5





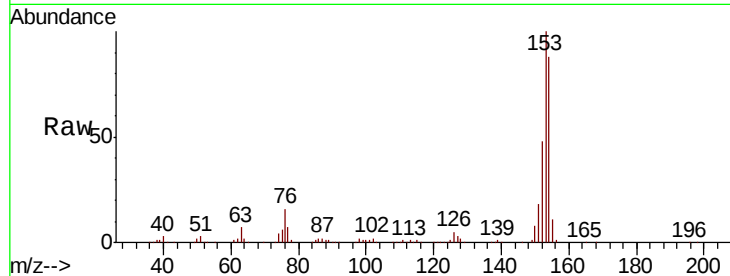
#52
Acenaphthene
Concen: 44.872 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :
PB127331BS

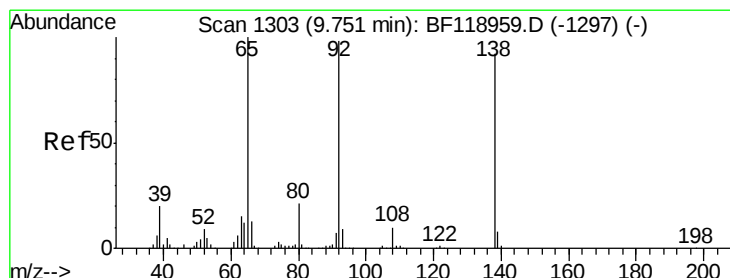
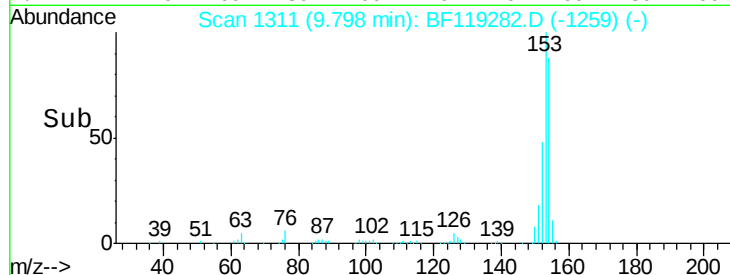
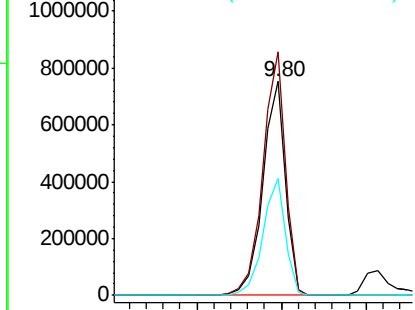
Tot Ion	Ratio	Lower	Upper
154	100		
153	113.8	90.3	135.5
152	54.4	43.8	65.8

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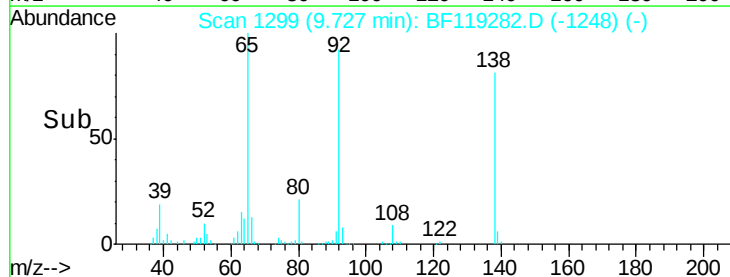
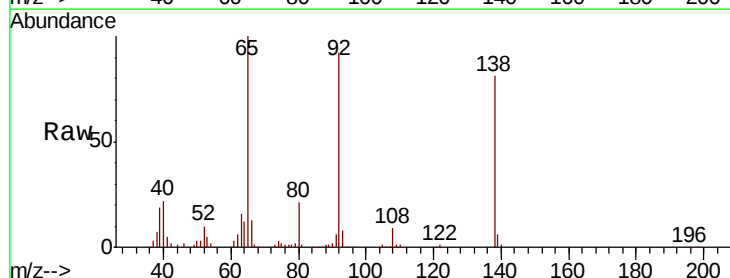
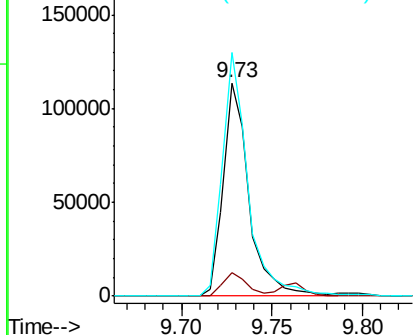
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

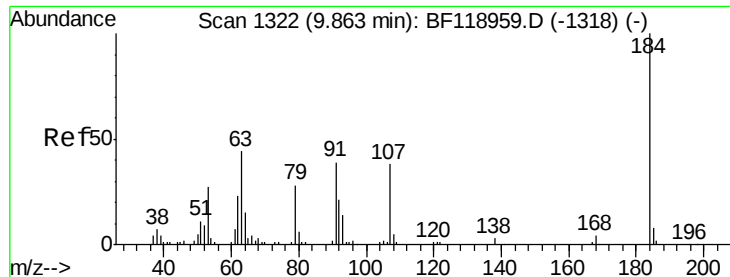


#53
3-Nitroaniline
Concen: 21.969 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.8	13.2
92	114.2	84.8	127.2

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





#54

2,4-Dinitrophenol

Concen: 77.258 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Instrument :

BNA_F

ClientSampleId :

PB127331BS

Tot Ion:184 Resp: 174222

Ion Ratio Lower Upper

184 100

63 53.1 38.7 58.1

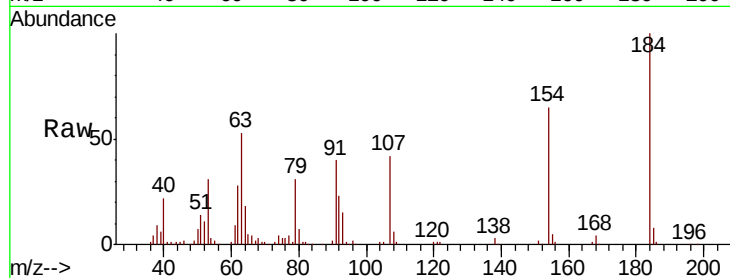
154 64.7 49.7 74.5

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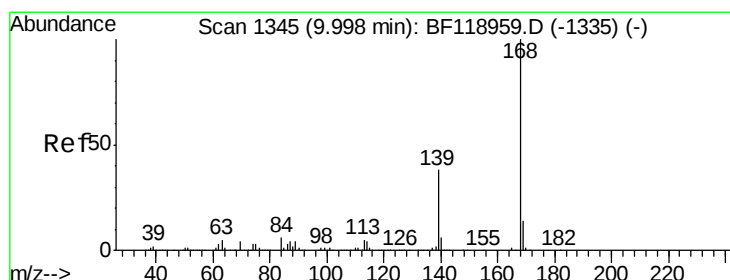
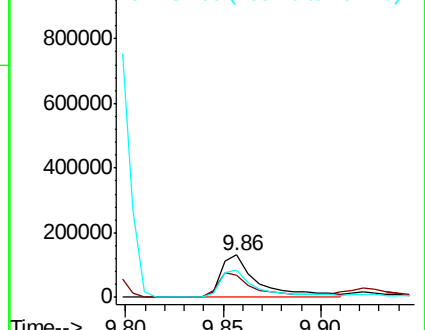
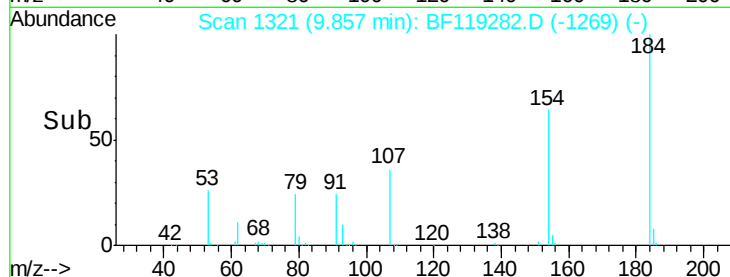
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 44.602 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

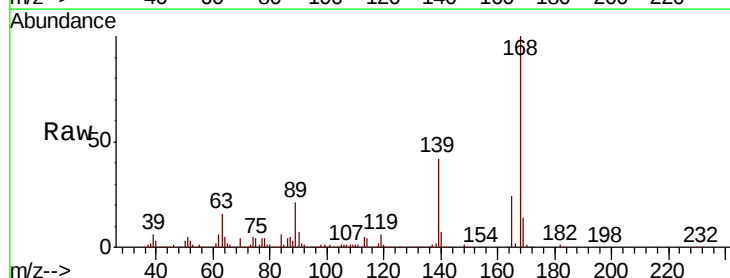
Tgt Ion:168 Resp: 1035057

Ion Ratio Lower Upper

168 100

139 42.2 34.0 51.0

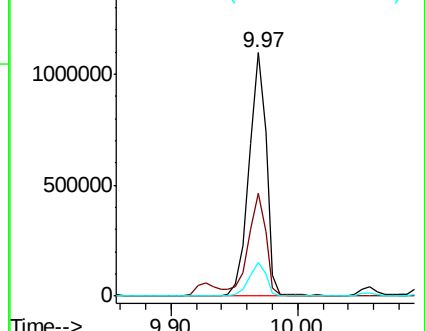
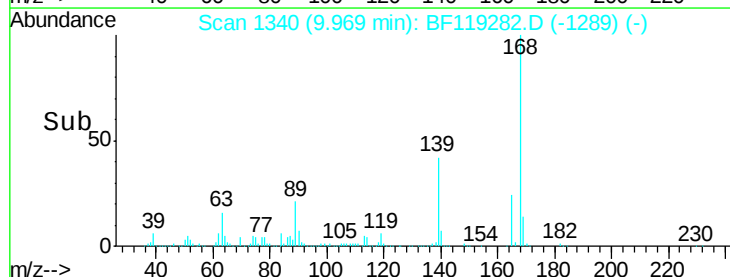
169 13.8 11.0 16.4

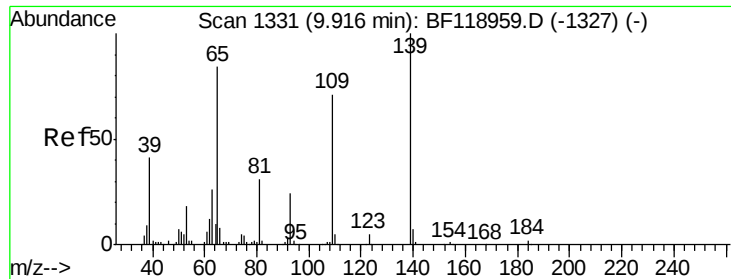


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





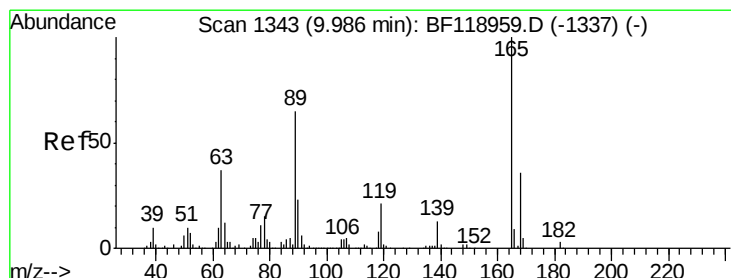
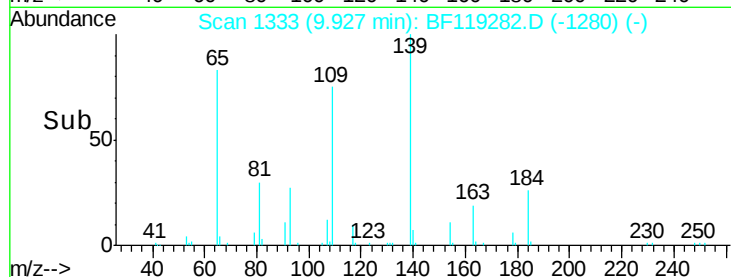
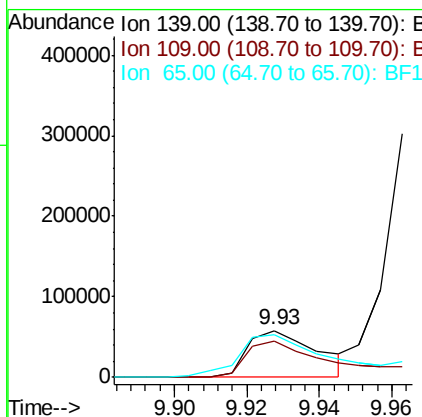
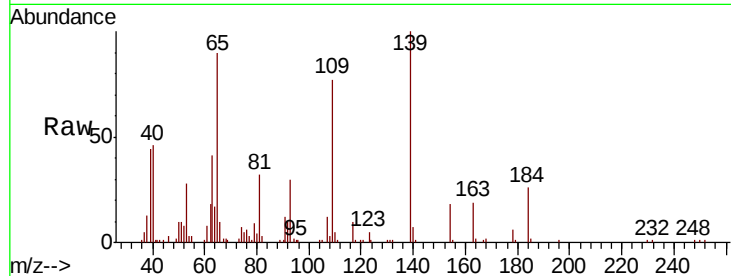
#56
4-Nitrophenol
Concen: 24.696 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	77.0	56.7	96.7
65	90.4	65.0	105.0

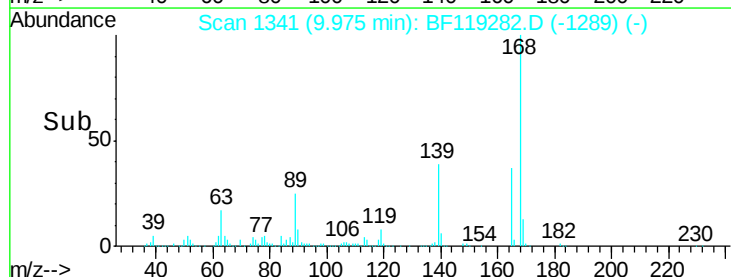
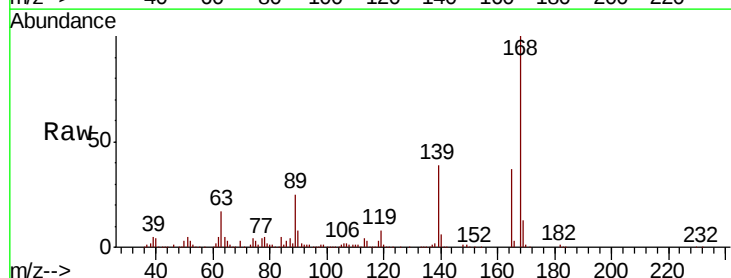
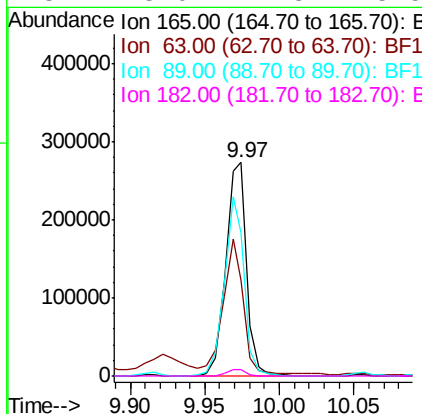
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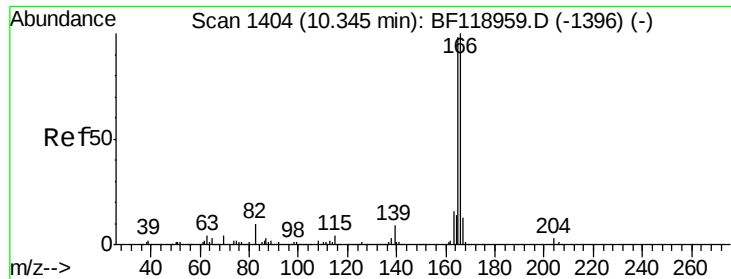
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#57
2,4-Dinitrotoluene
Concen: 44.866 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.1	42.3	63.5
89	67.3	60.2	90.4
182	3.0	2.3	3.5





#58

Fluorene

Concen: 46.955 ng

RT: 10.32 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Instrument :

BNA_F

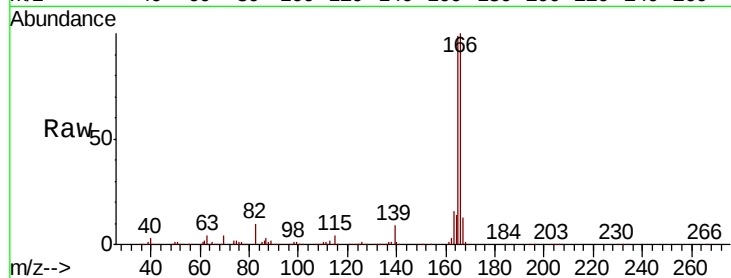
ClientSampleId :

PB127331BS

Tot Ion:	166	Resp:	846716
Ion Ratio	Lower	Upper	
166	100		
165	98.9	78.5	117.7
167	13.0	11.0	16.4

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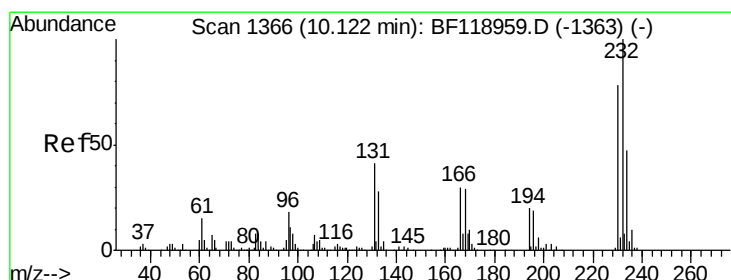
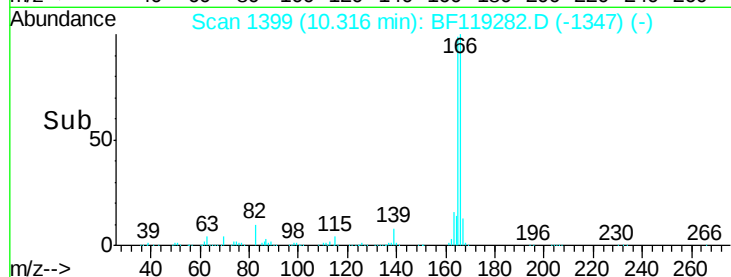
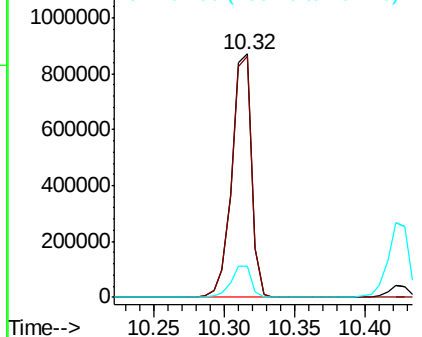


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 47.295 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Tgt Ion:	232	Resp:	244403
Ion Ratio	Lower	Upper	
232	100		
131	41.1	33.8	50.8
130	2.1	1.8	2.6
166	26.1	23.0	34.4

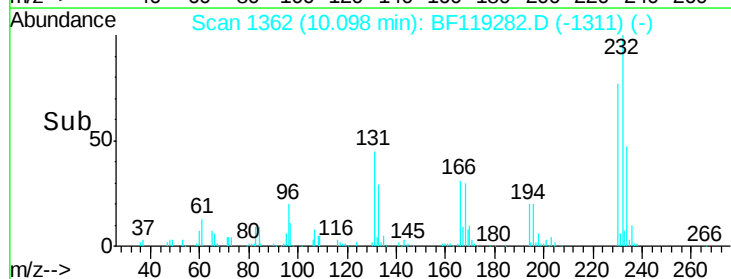
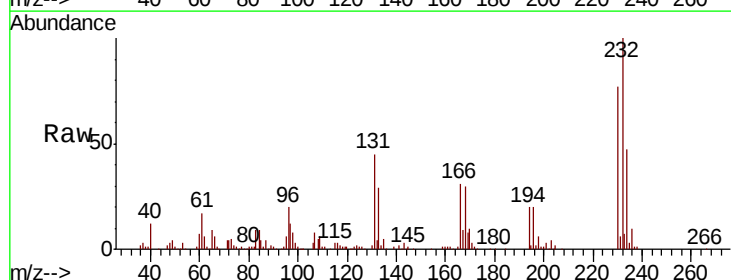
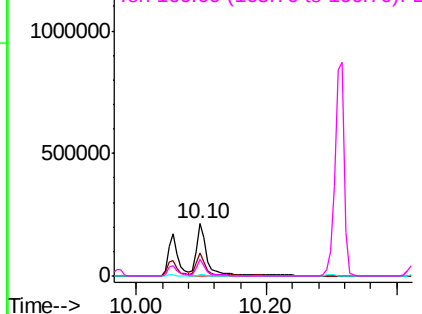
Abundance

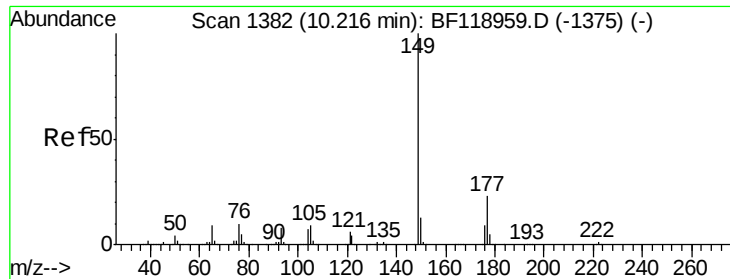
Ion 232.00 (231.70 to 232.70): E

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





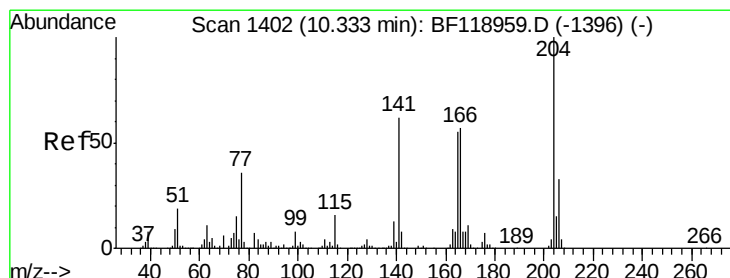
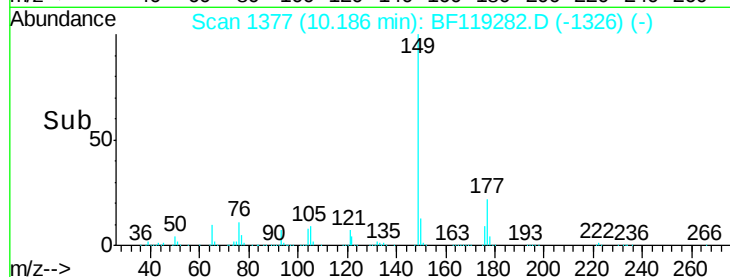
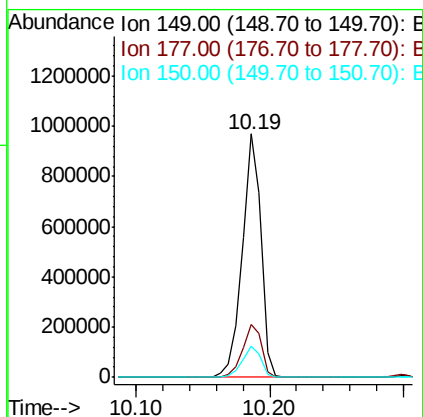
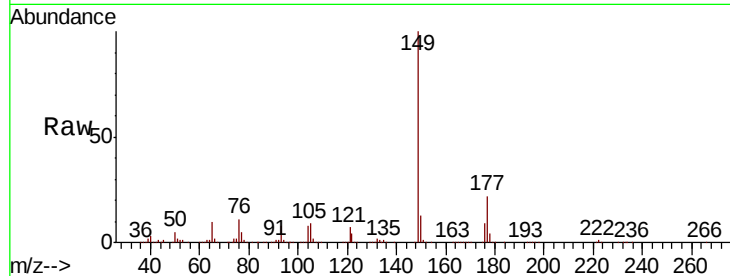
#60
Diethylphthalate
Concen: 47.397 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.2	27.2
150	12.9	10.5	15.7

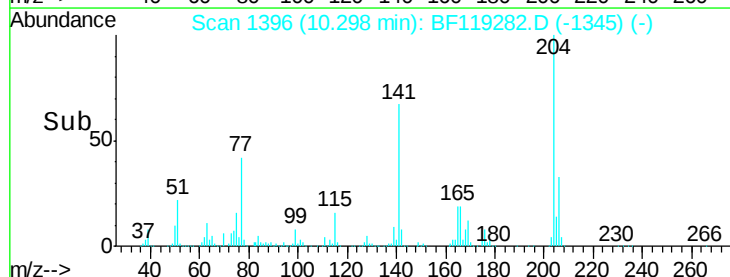
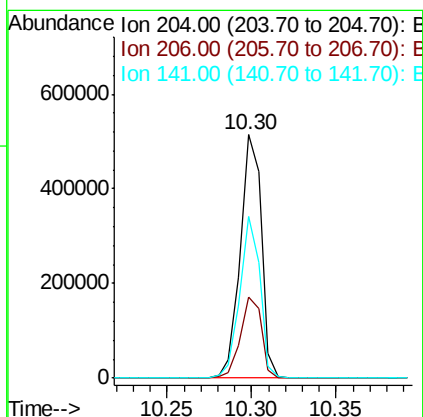
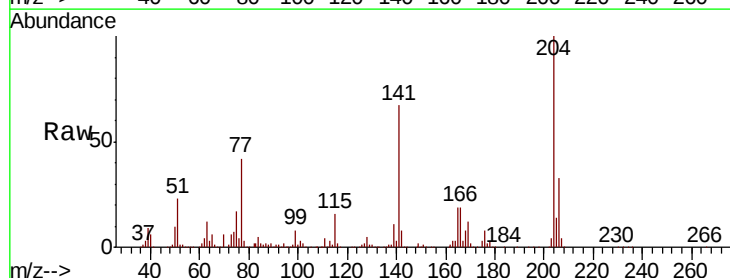
Manual Integrations
APPROVED

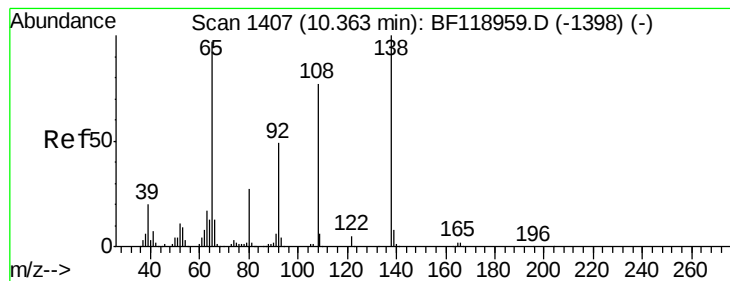
mohammad
3/10/2020 2:44:07 PM



#61
4-Chlorophenyl-phenylether
Concen: 46.969 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	27.1	40.7
141	66.6	52.9	79.3





#62

4-Nitroaniline

Concen: 34.335 ng

RT: 10.35 min Scan# 1405

Delta R.T. 0.01 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Instrument :

BNA_F

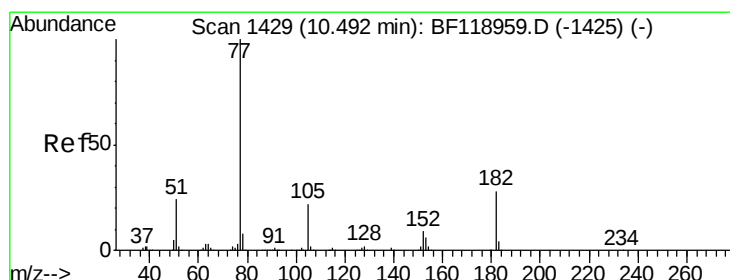
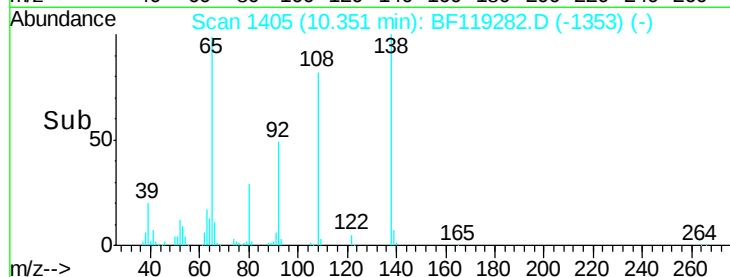
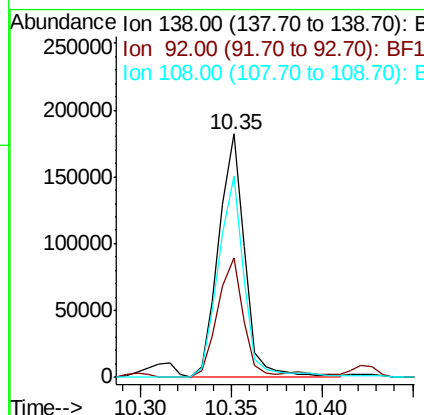
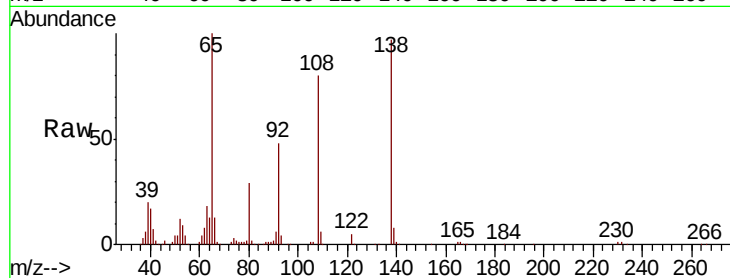
ClientSampleId :

PB127331BS

Tot Ion:	138	Resp:	181359
Ion Ratio	Lower	Upper	
138	100		
92	48.9	27.3	67.3
108	82.5	57.0	97.0

Manual Integrations
APPROVED

mohammad
3/10/2020 2:44:07 PM



#63

Azobenzene

Concen: 48.438 ng

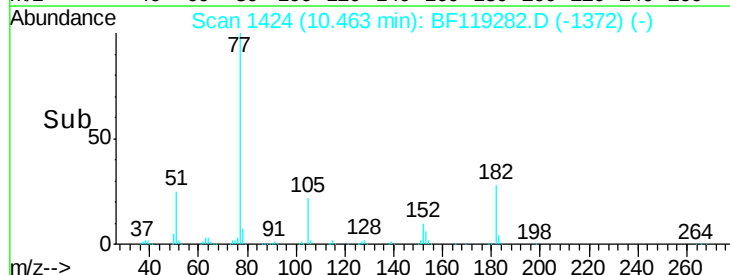
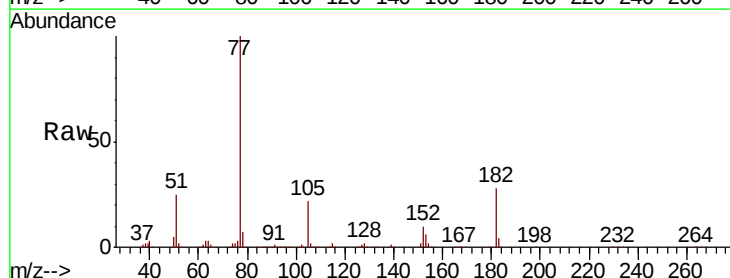
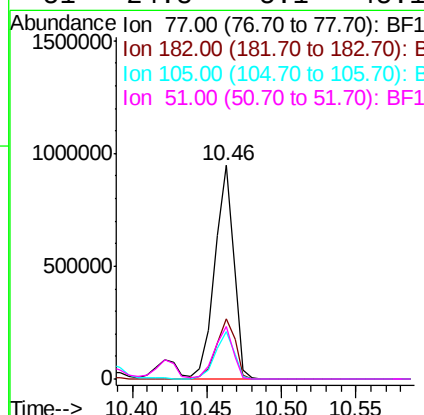
RT: 10.46 min Scan# 1424

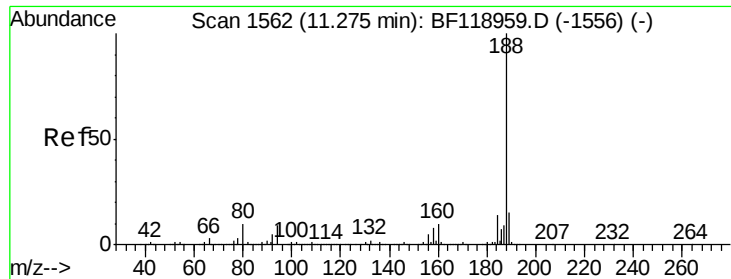
Delta R.T. 0.01 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Tgt Ion:	77	Resp:	831664
Ion Ratio	Lower	Upper	
77	100		
182	28.2	11.4	51.4
105	22.5	3.4	43.4
51	24.8	5.1	45.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Instrument :

BNA_F

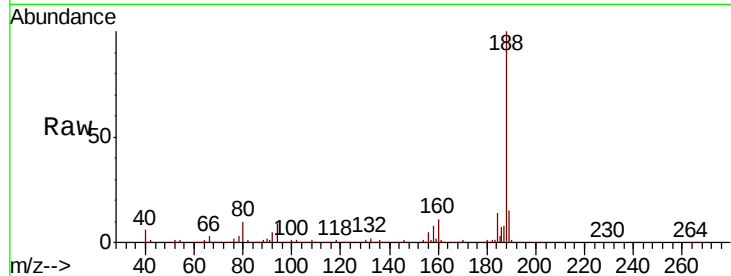
ClientSampleId :

PB127331BS

Tot Ion:188	Resp:	507237
Ion Ratio	Lower	Upper
188 100		
94 8.5	7.1	10.7
80 9.9	7.8	11.8

Manual Integrations
APPROVED

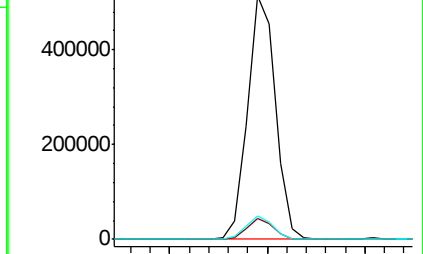
mohammad
3/10/2020 2:44:07 PM



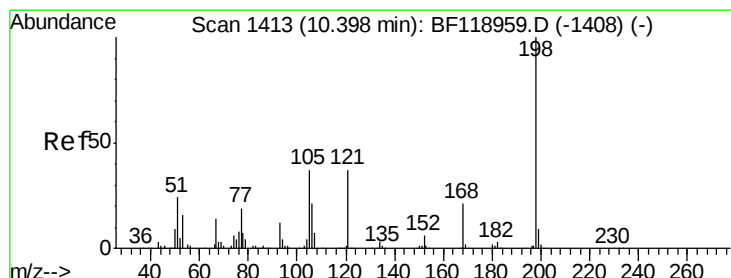
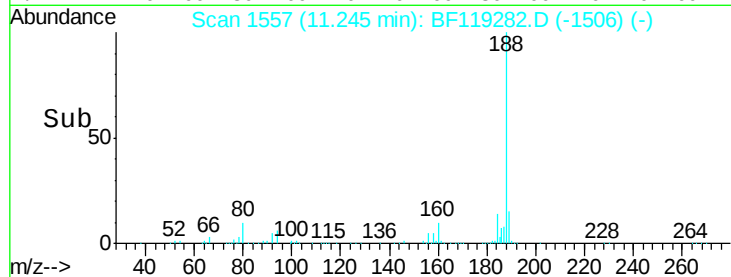
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 49.188 ng

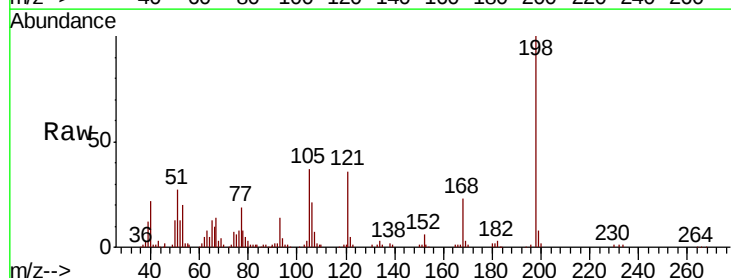
RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

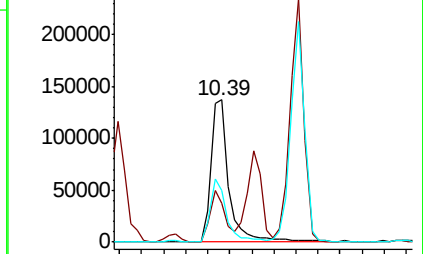
Tgt Ion:198	Resp:	150976
Ion Ratio	Lower	Upper
198 100		
51 27.1	14.2	54.2
105 36.6	22.7	62.7



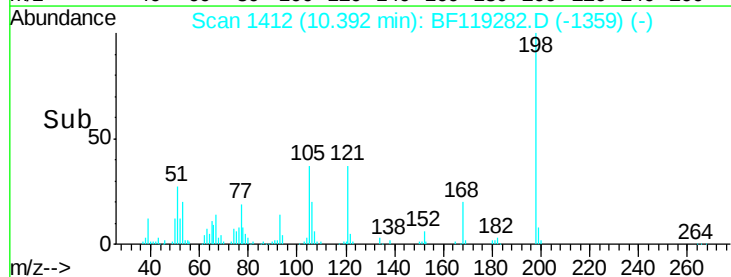
Abundance Ion 198.00 (197.70 to 198.70): E

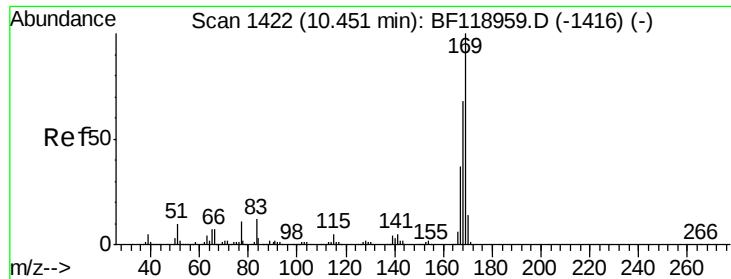
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->





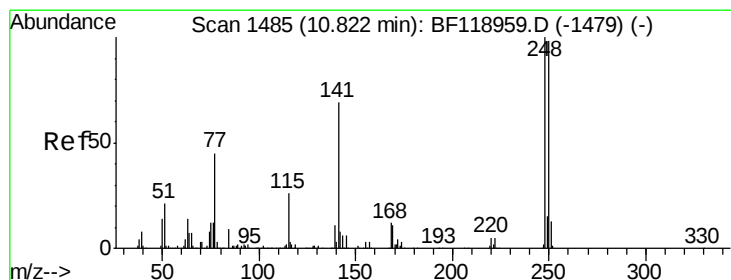
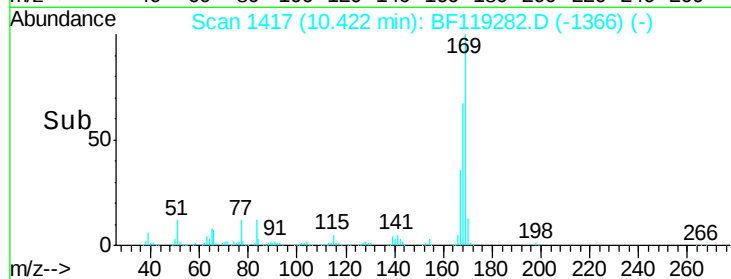
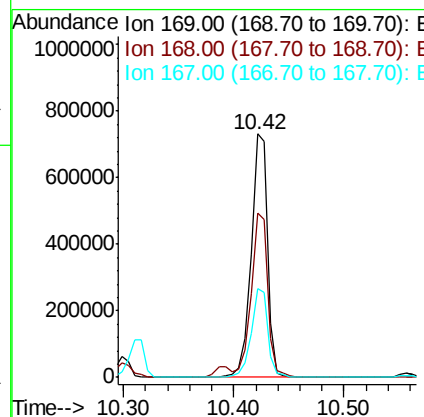
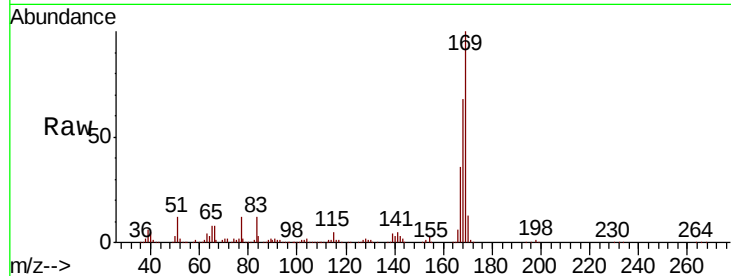
#66
n-Nitrosodiphenylamine
Concen: 45.914 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.1	81.1
167	36.2	29.4	44.0

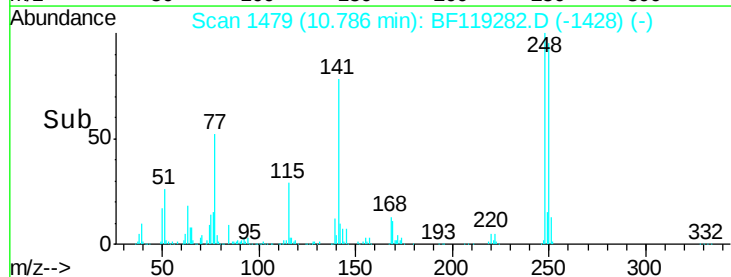
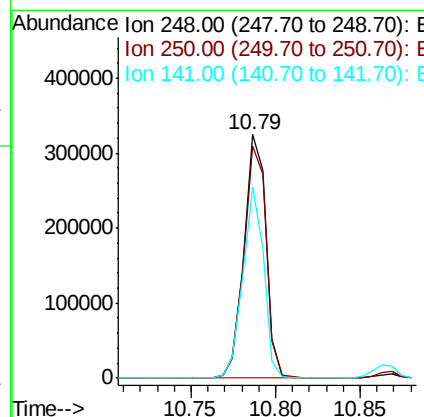
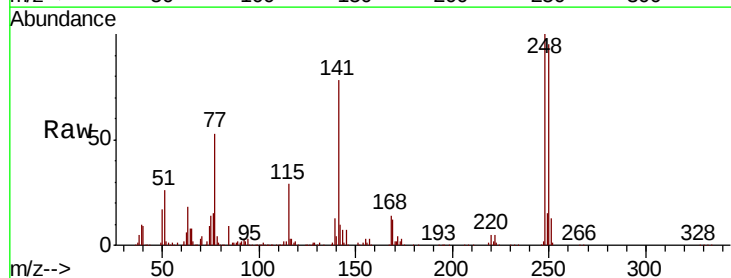
Manual Integrations
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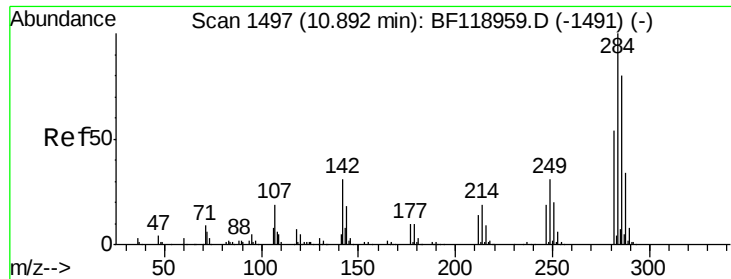
mohammad
3/10/2020 2:44:07 PM



#67
4-Bromophenyl-phenylether
Concen: 44.429 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.3	76.7	115.1
141	78.4	60.7	91.1





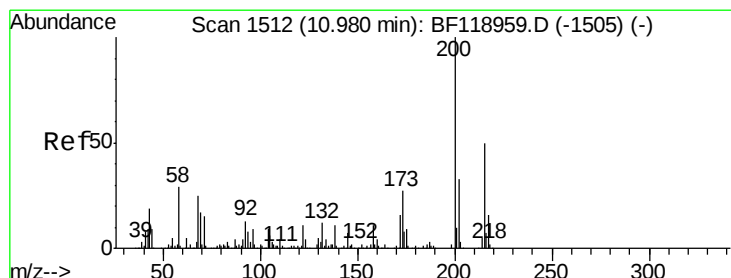
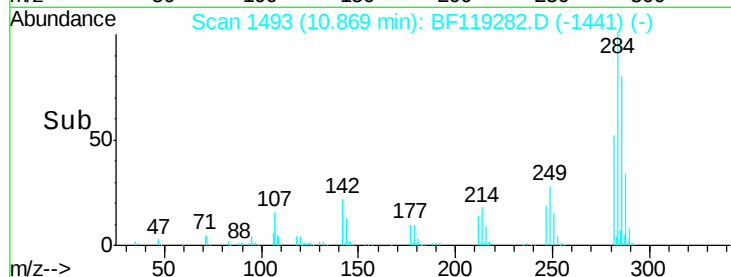
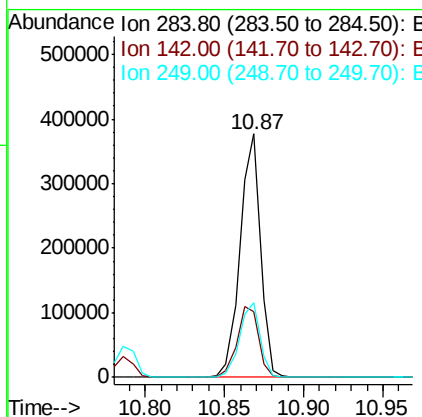
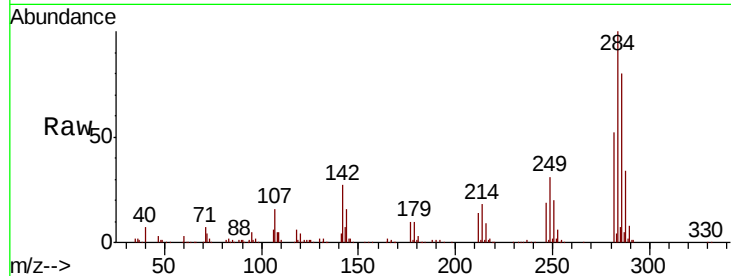
#68
Hexachlorobenzene
Concen: 44.019 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	27.2	23.7	35.5	
249	30.6	25.0	37.6	

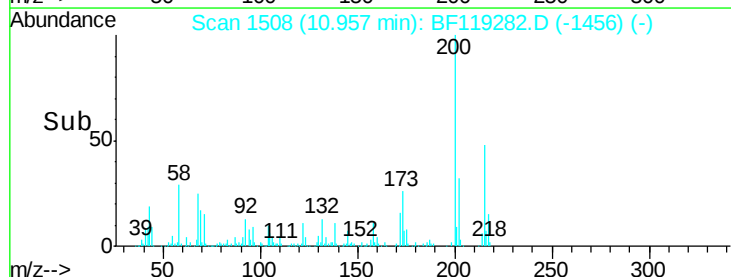
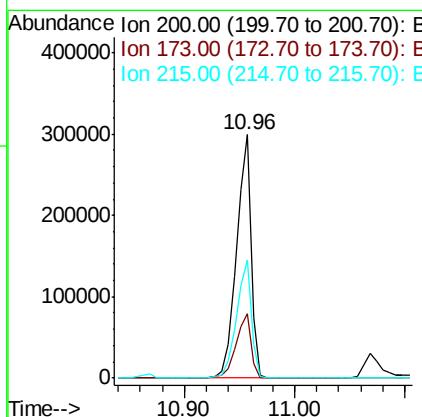
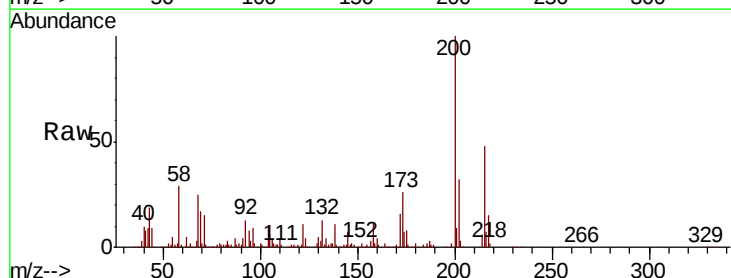
Manual Integrations
APPROVED

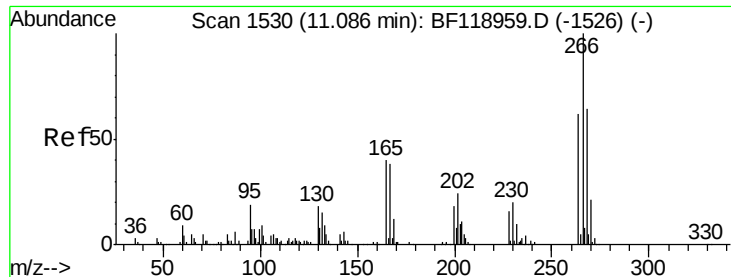
mohammad
3/10/2020 2:44:07 PM



#69
Atrazine
Concen: 48.239 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.3	6.4	46.4	
215	48.5	27.4	67.4	





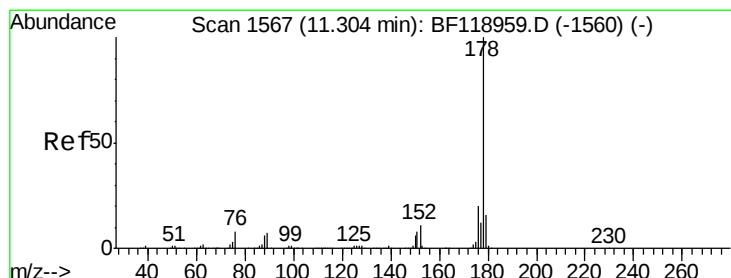
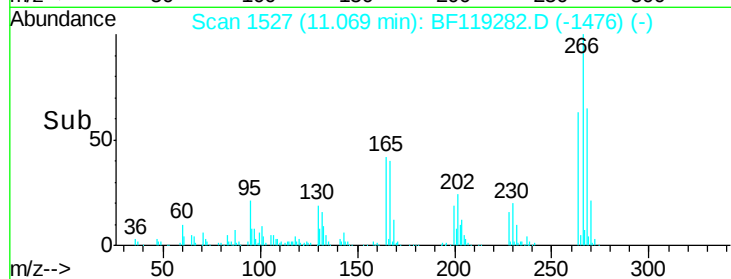
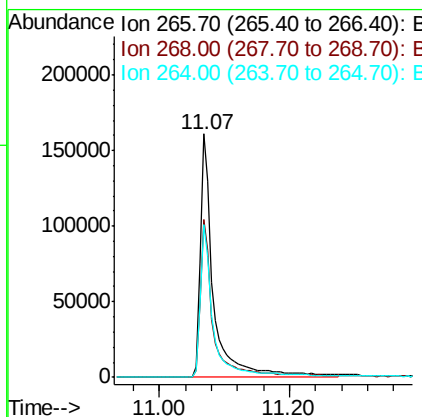
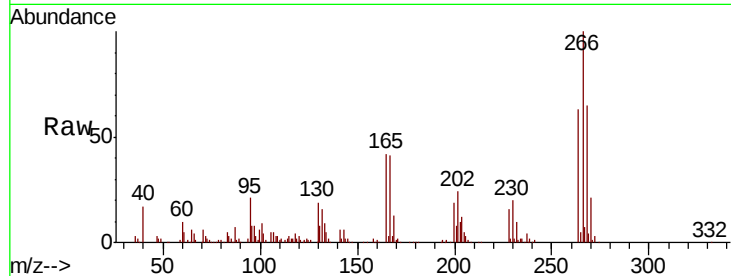
#70
Pentachlorophenol
Concen: 75.315 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.9	77.9
264	62.8	51.0	76.4

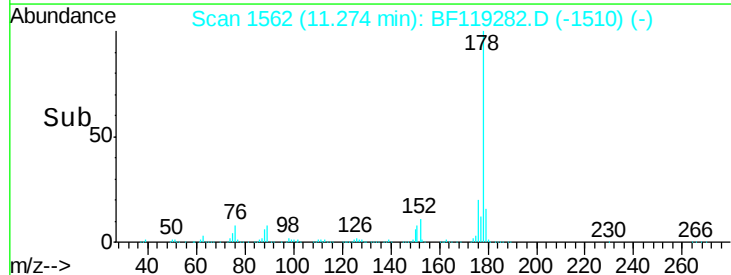
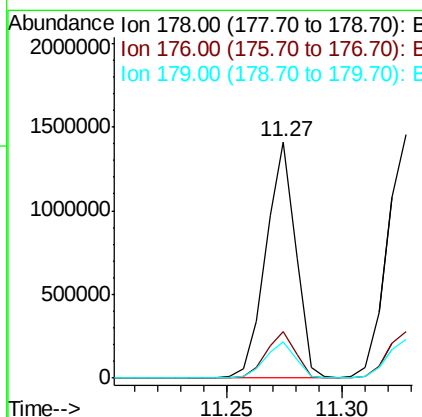
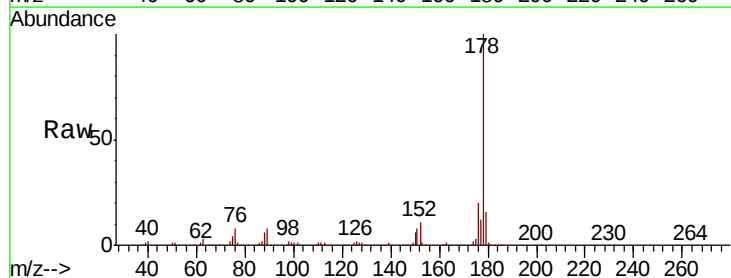
Manual Integrations
APPROVED

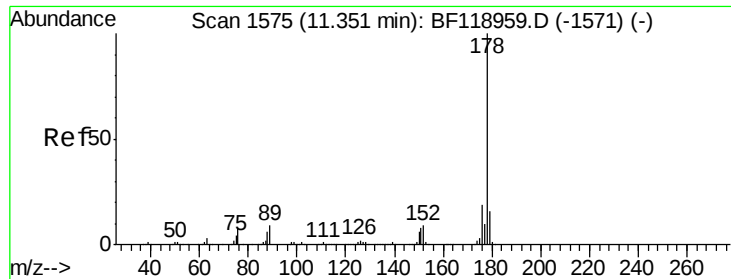
mohammad
3/10/2020 2:44:07 PM



#71
Phenanthrene
Concen: 45.652 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.5	24.7
179	15.5	13.0	19.6





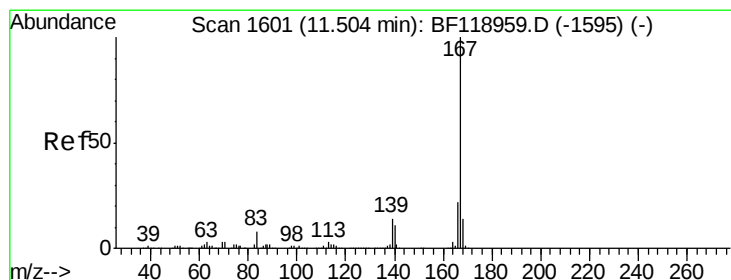
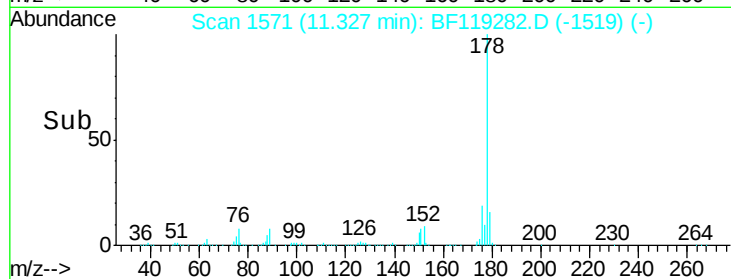
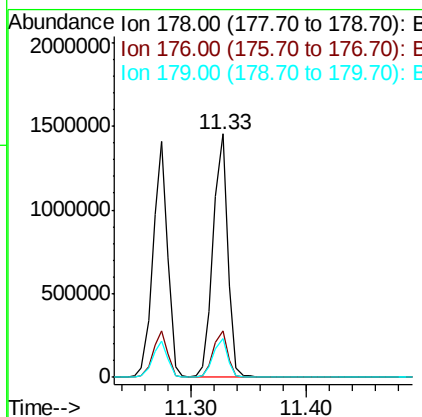
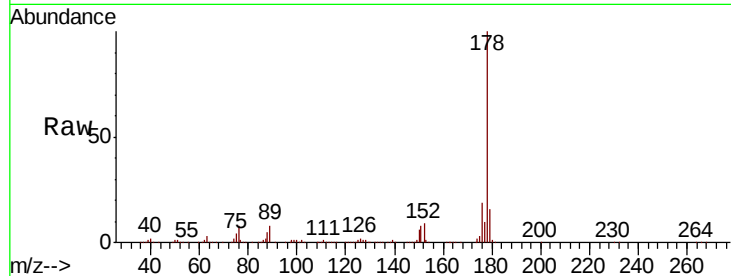
#72
 Anthracene
 Concen: 46.485 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

Tot Ion:178 Resp: 1284820
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.0 24.0
 179 15.7 13.1 19.7

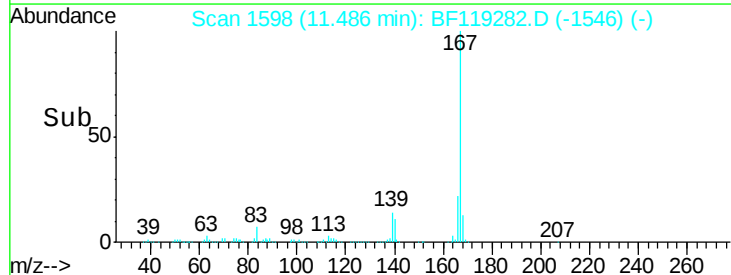
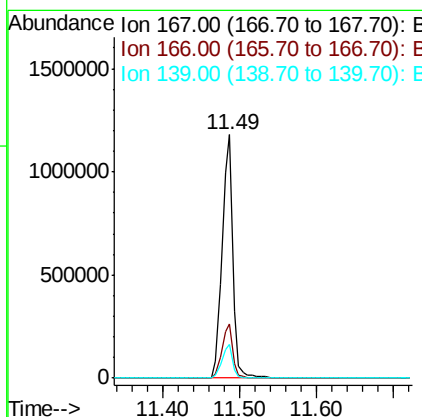
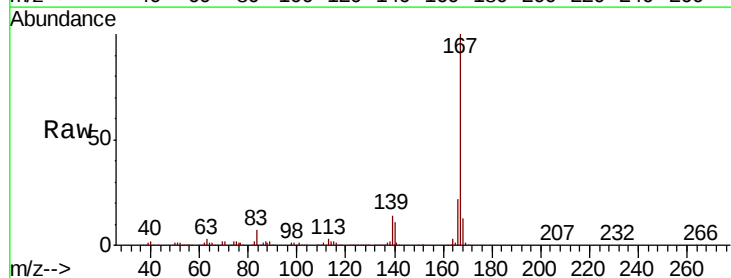
Manual Integrations
 APPROVED

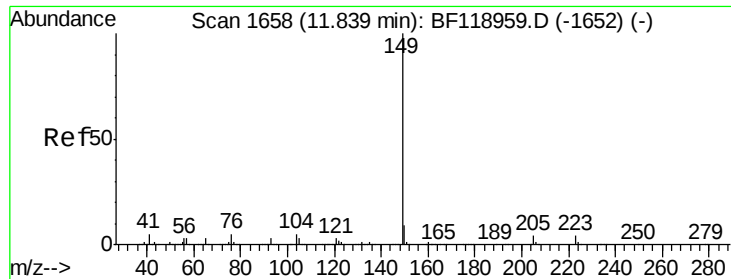
mohammad
 3/10/2020 2:44:07 PM



#73
 Carbazole
 Concen: 46.142 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

Tgt Ion:167 Resp: 1136150
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.4
 139 13.6 11.7 17.5





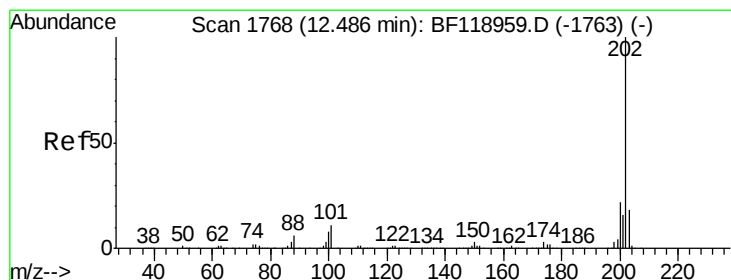
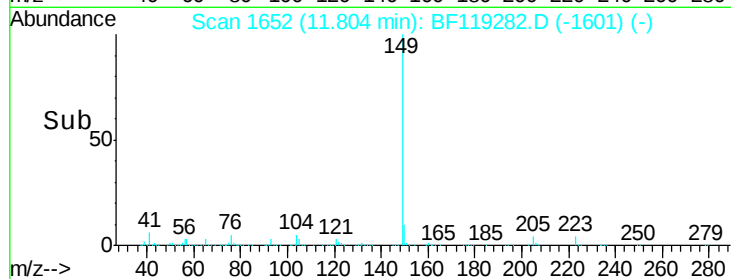
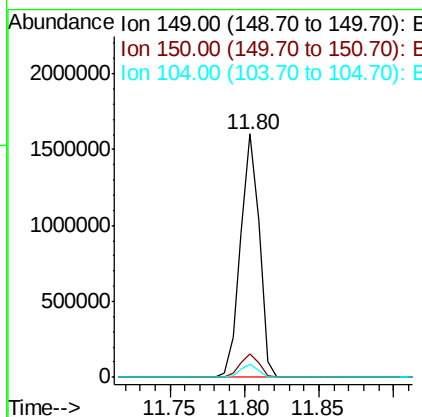
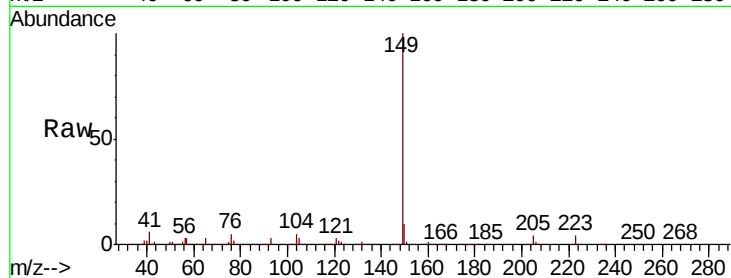
#74
Di-n-butylphthalate
Concen: 47.415 ng
RT: 11.80 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.9	11.9
104	5.3	4.6	6.8

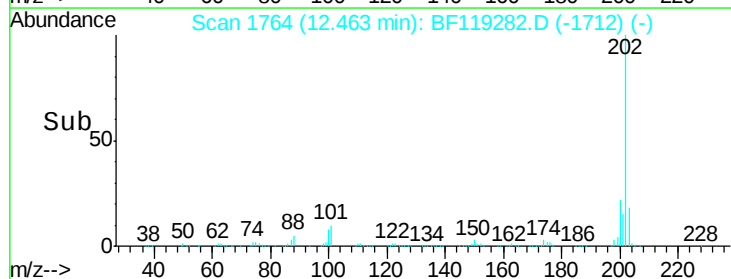
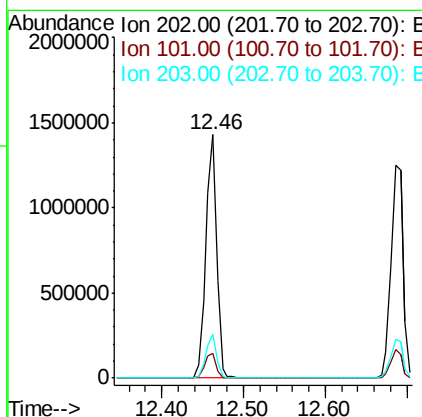
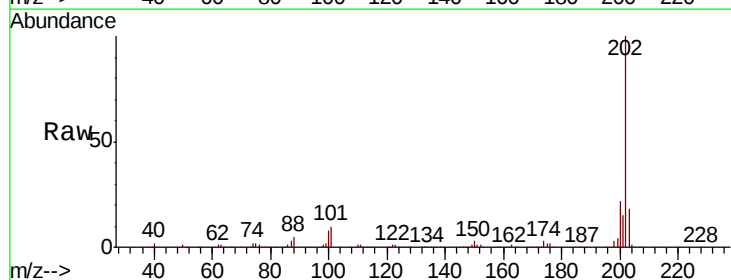
Manual Integrations
APPROVED

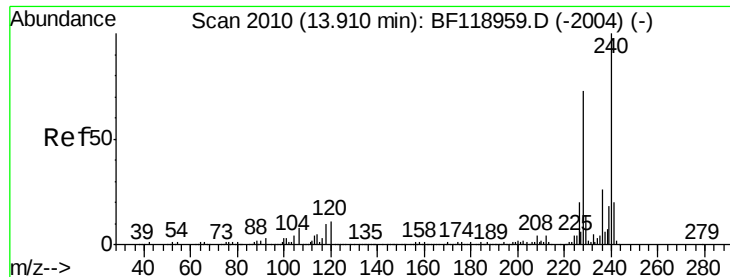
mohammad
3/10/2020 2:44:07 PM



#75
Fluoranthene
Concen: 44.766 ng
RT: 12.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.3
203	17.9	0.0	38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Instrument :

BNA_F

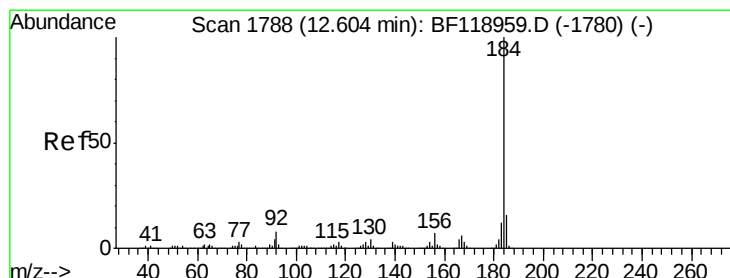
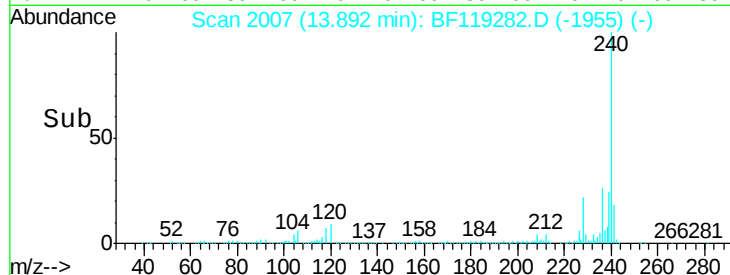
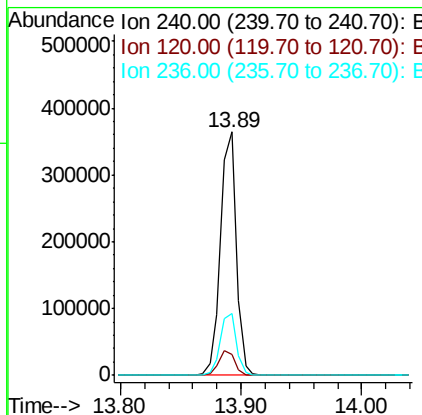
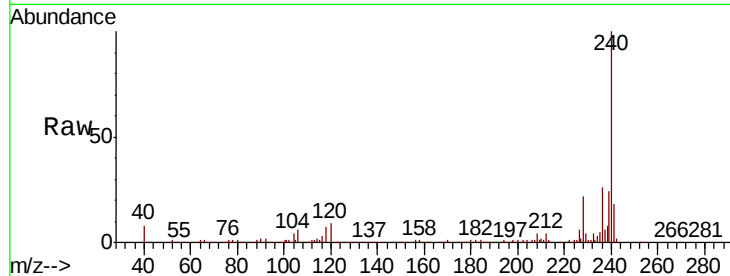
ClientSampleId :

PB127331BS

Tot Ion:	240	Resp:	328488
Ion Ratio		Lower	Upper
240	100		
120	8.7	8.4	12.6
236	25.6	21.0	31.4

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#77

Benzidine

Concen: 0.165 ng

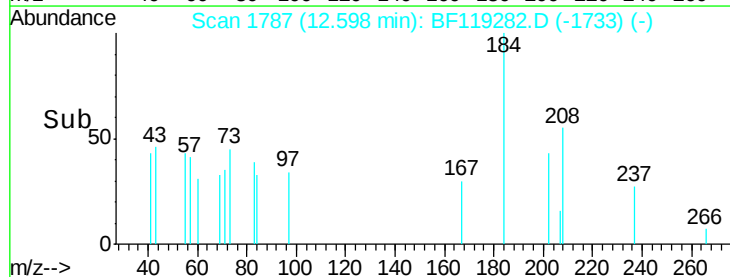
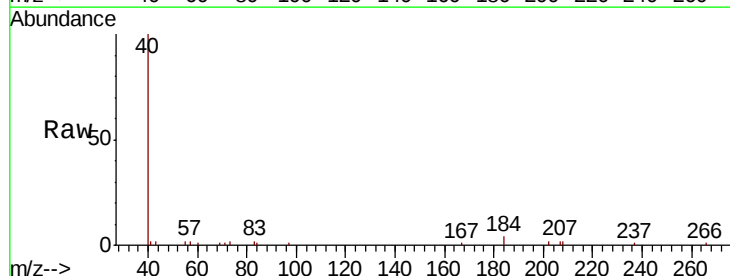
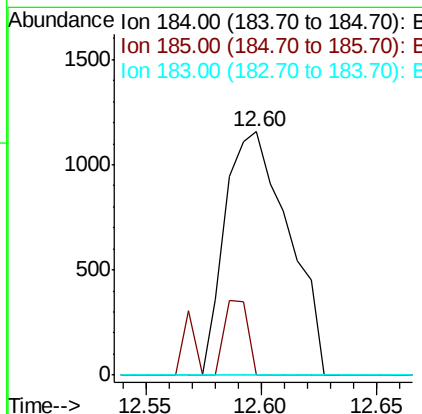
RT: 12.60 min Scan# 1787

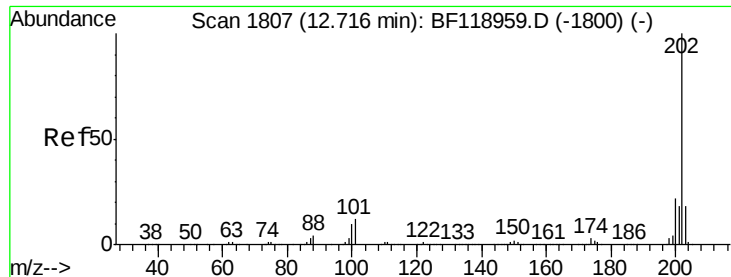
Delta R.T. 0.02 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Tgt Ion:	184	Resp:	2207
Ion Ratio		Lower	Upper
184	100		
185	0.0	12.2	18.4#
183	0.0	9.9	14.9#





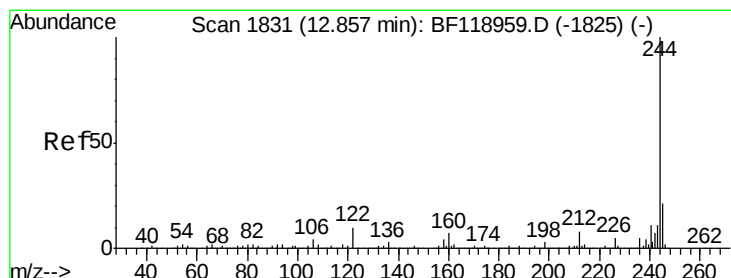
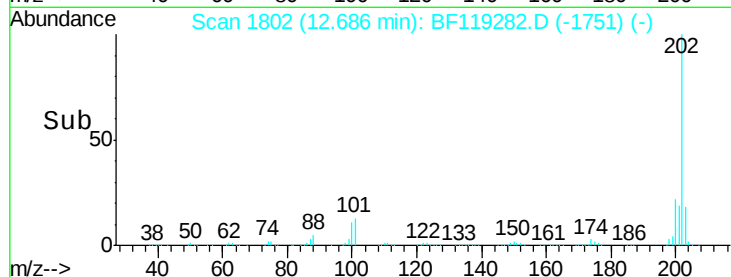
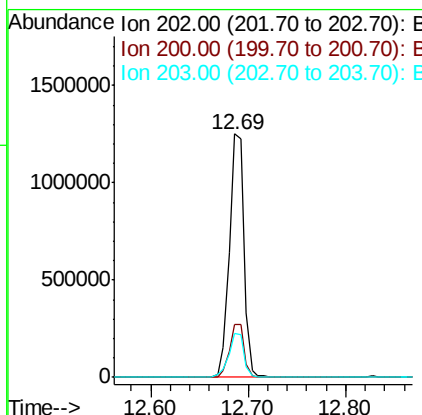
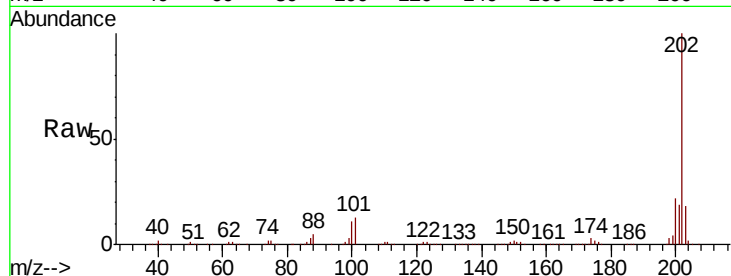
#78
Pvrene
Concen: 49.308 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	18.0	27.0
203	18.3	14.6	22.0

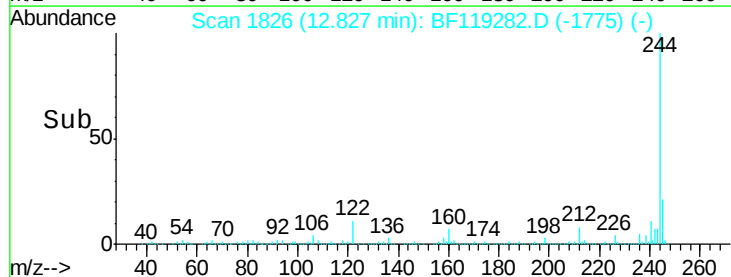
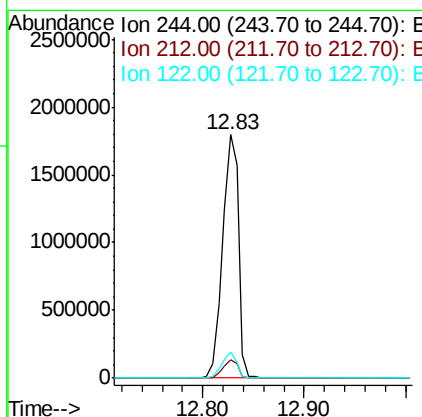
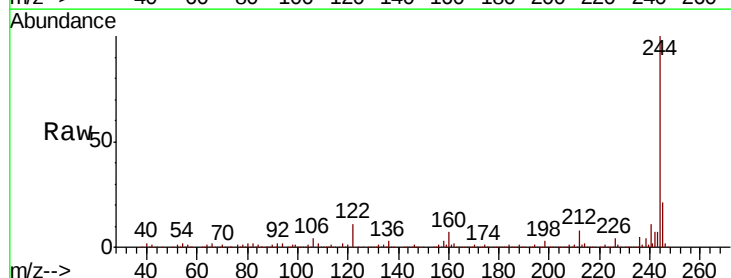
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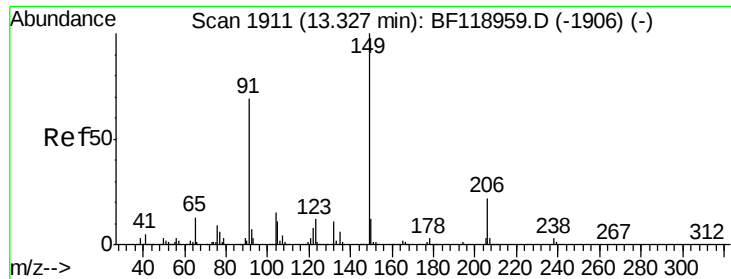
mohammad
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#79
Terphenyl-d14
Concen: 101.729 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.6	10.0
122	10.5	8.2	12.2





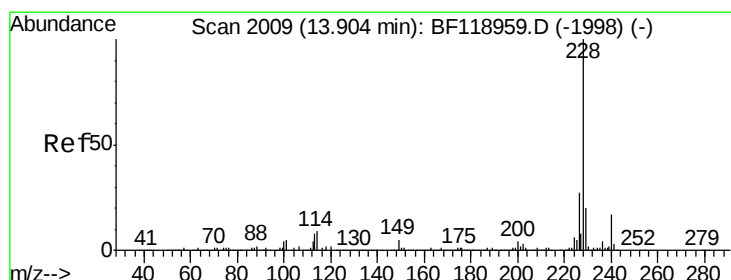
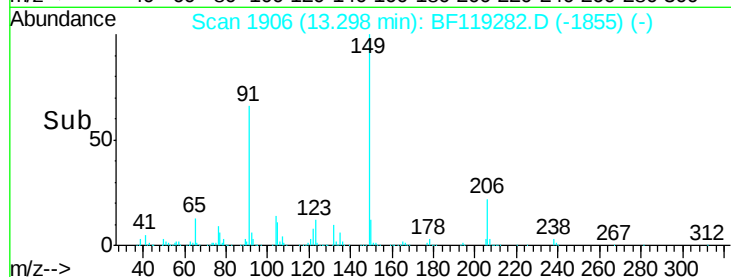
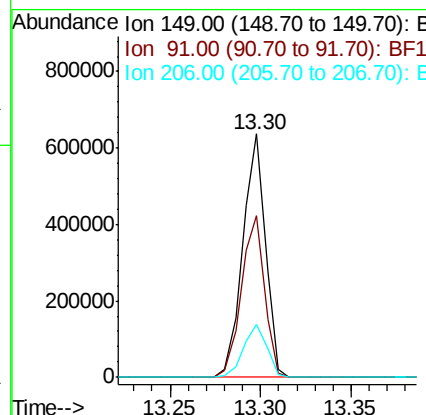
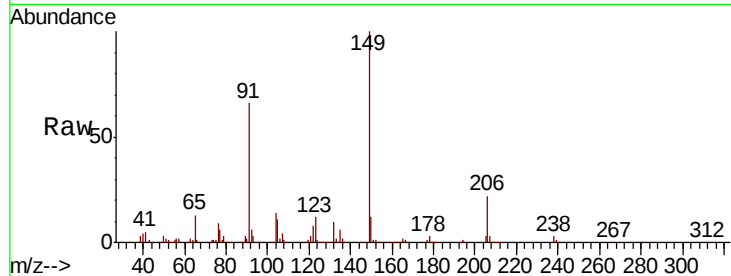
#80
Butylbenzylphthalate
Concen: 49.823 ng
RT: 13.30 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.3	52.3	78.5
206	21.9	18.5	27.7

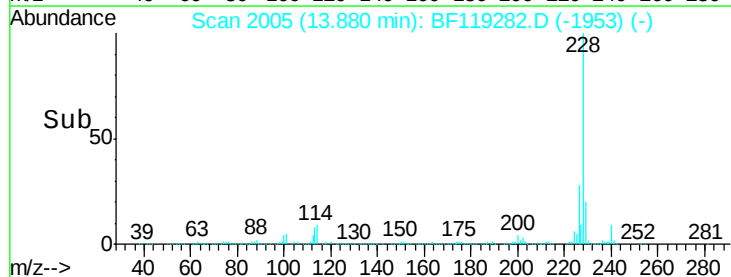
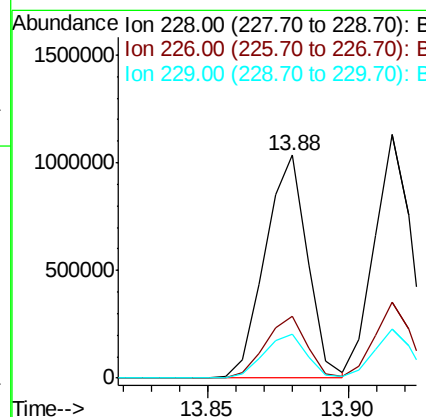
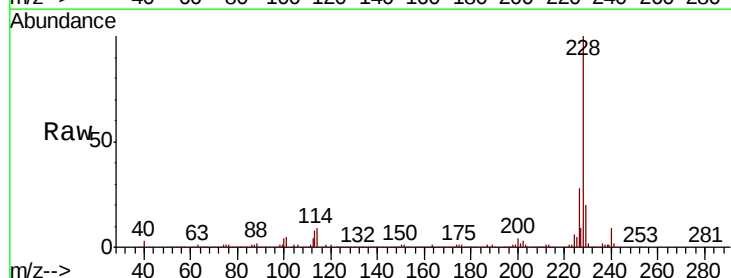
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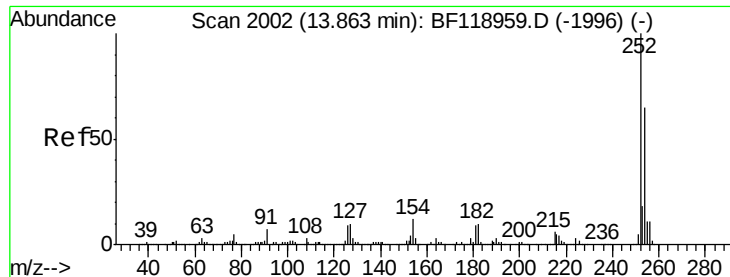
mohammad
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#81
Benzo(a)anthracene
Concen: 47.890 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.8	16.6	24.8





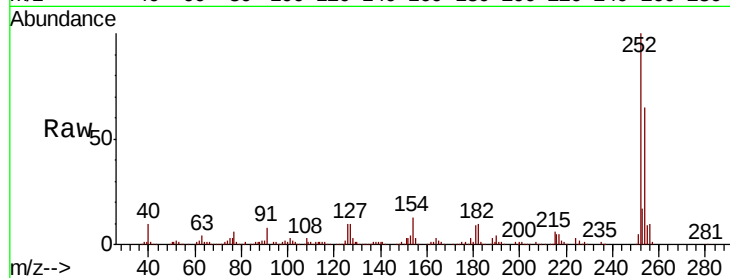
#82
 3,3'-Dichlorobenzidine
 Concen: 28.227 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

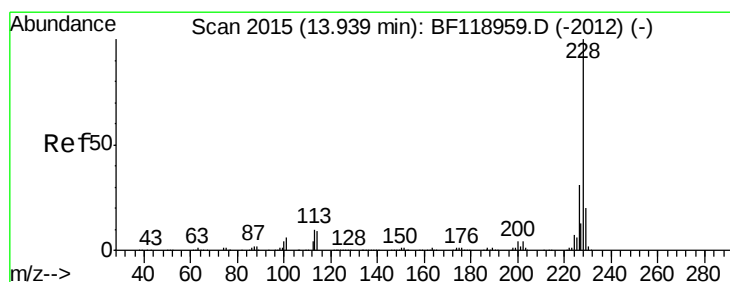
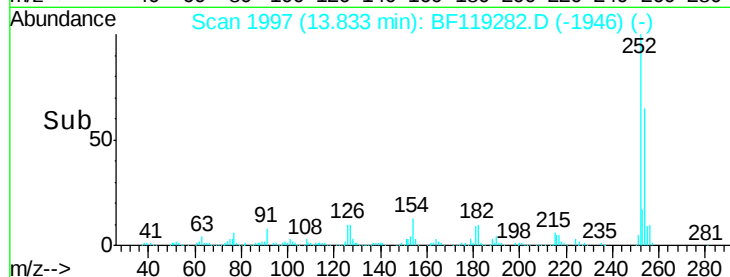
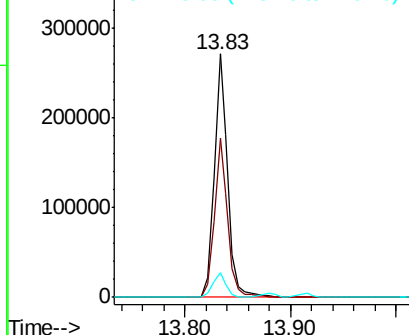
Tot Ion	Ratio	Resp	Lower	Upper
252	100	245326		
254	65.2	51.6	77.4	
126	10.1	7.4	11.0	

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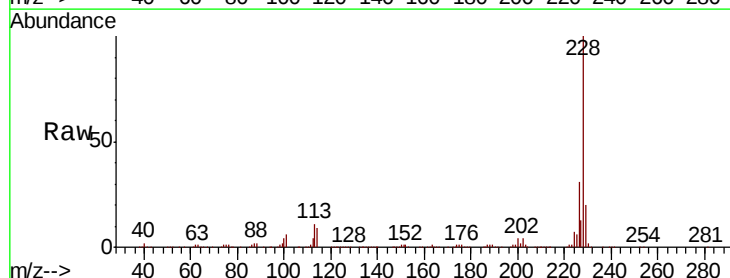


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

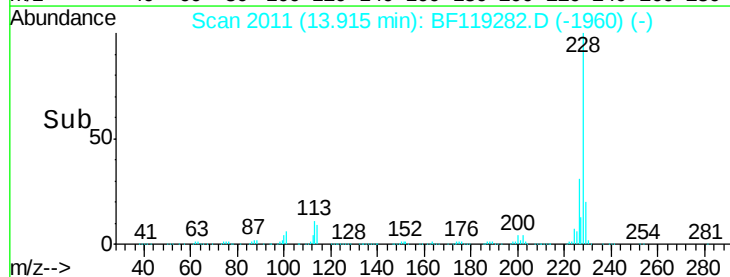
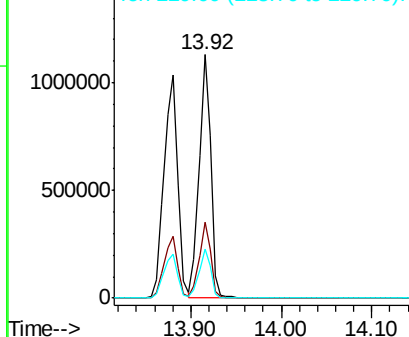


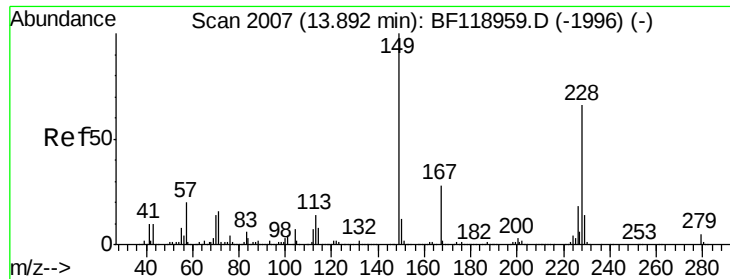
#83
 Chrysene
 Concen: 45.616 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1017323		
226	31.1	25.1	37.7	
229	20.0	16.3	24.5	



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 53.365 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF119282.D

Acq: 9 Mar 2020 12:18

Instrument :

BNA_F

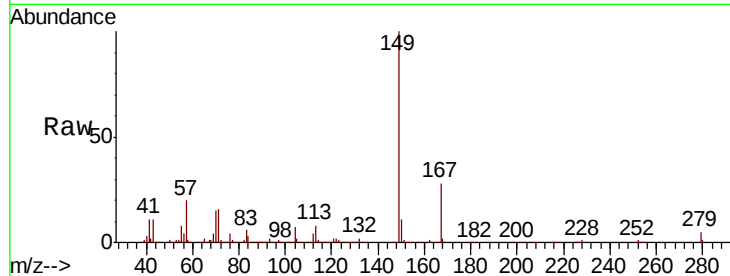
ClientSampleId :

PB127331BS

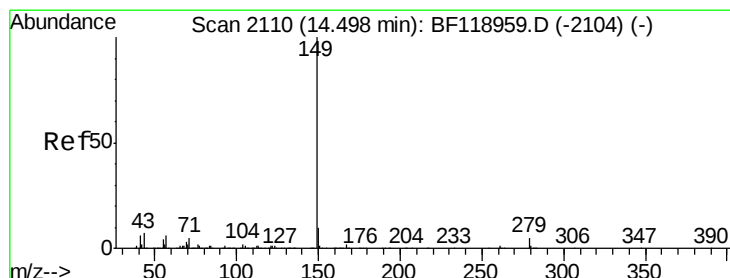
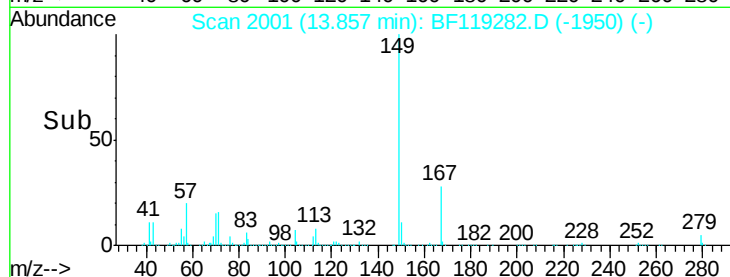
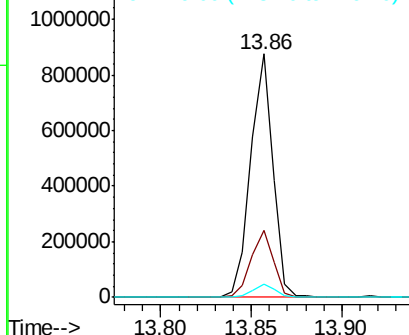
Tot Ion:	149	Resp:	748442
Ion Ratio	Lower	Upper	
149	100		
167	27.8	22.8	34.2
279	5.2	4.6	6.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 50.488 ng

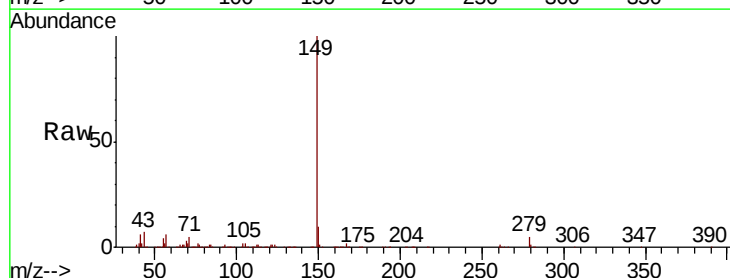
RT: 14.46 min Scan# 2104

Delta R.T. 0.00 min

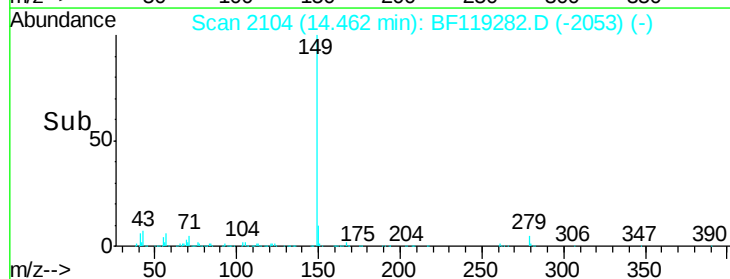
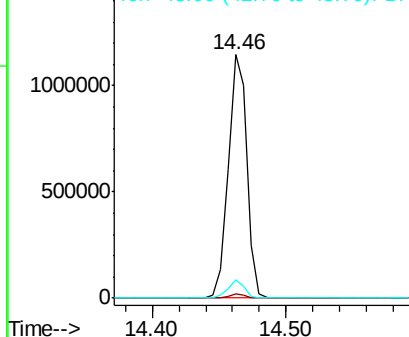
Lab File: BF119282.D

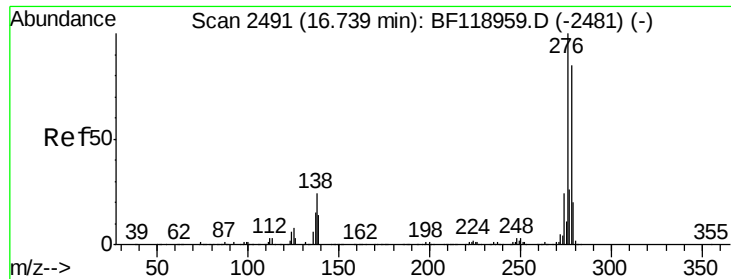
Acq: 9 Mar 2020 12:18

Tgt Ion:	149	Resp:	1128218
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	6.6	5.7	8.5



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





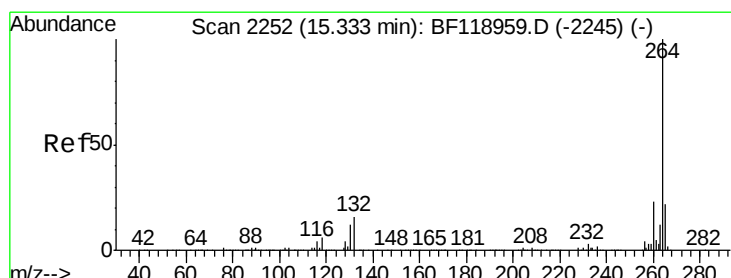
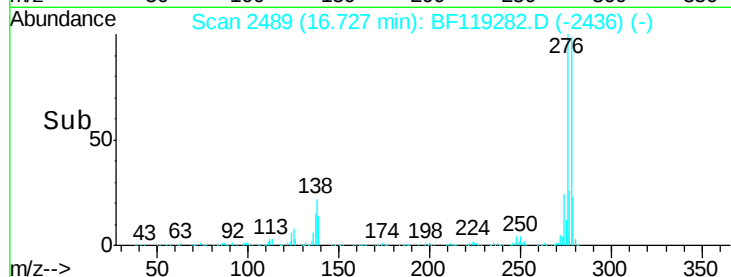
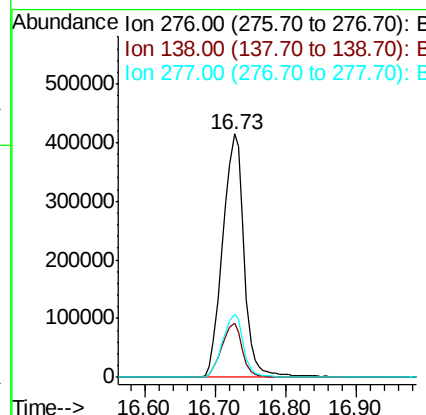
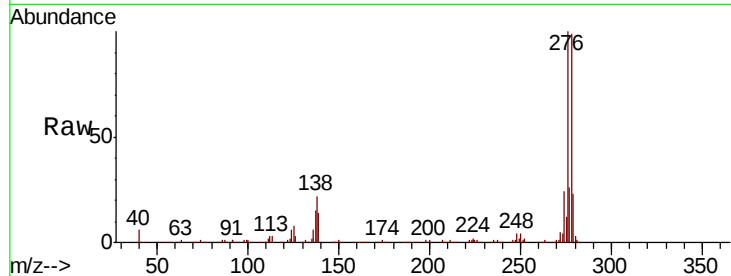
#86
Indeno(1,2,3-cd)pyrene
Concen: 40.595 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampled :
PB127331BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.5	17.4	26.0
277	25.4	20.3	30.5

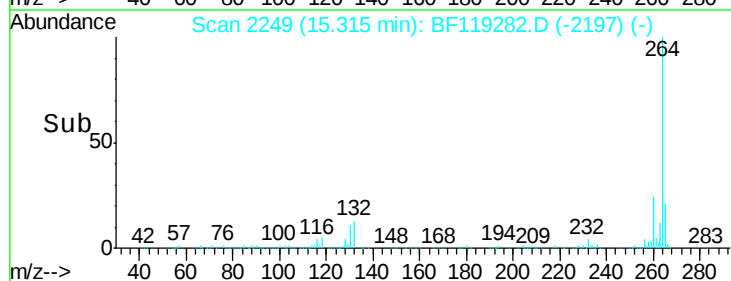
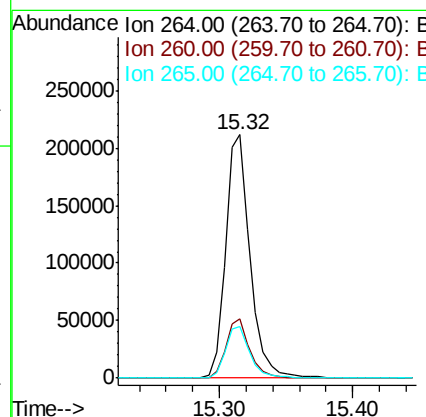
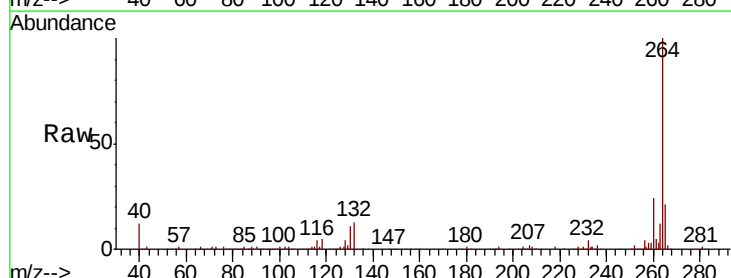
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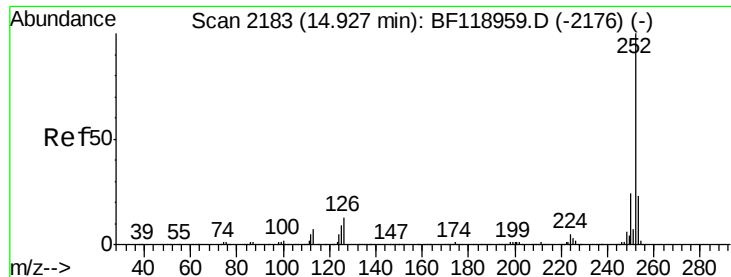
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.2	17.7	26.5





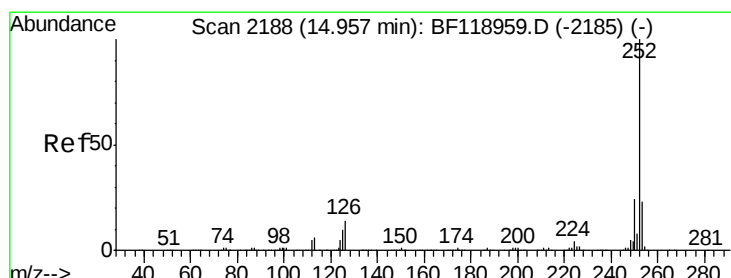
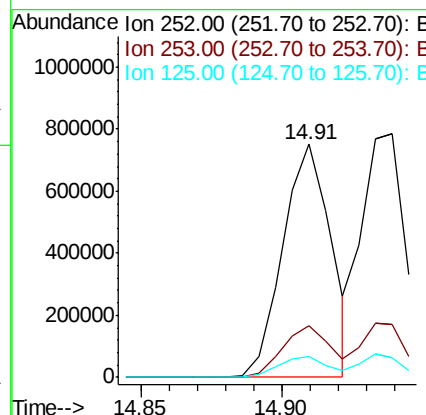
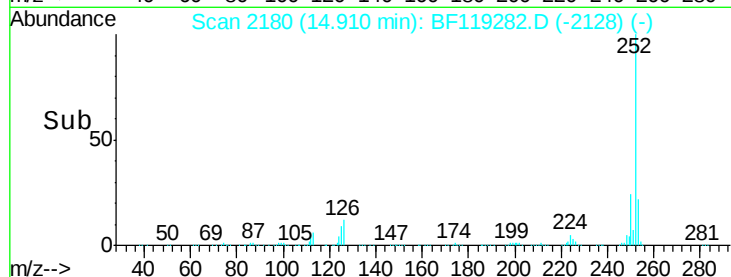
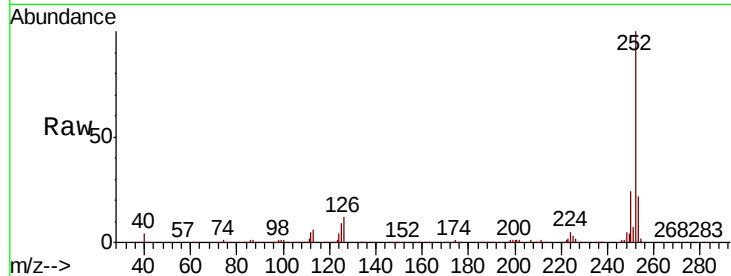
#88
Benzo(b)fluoranthene
Concen: 49.554 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampled :
PB127331BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	8.8	7.4	11.0

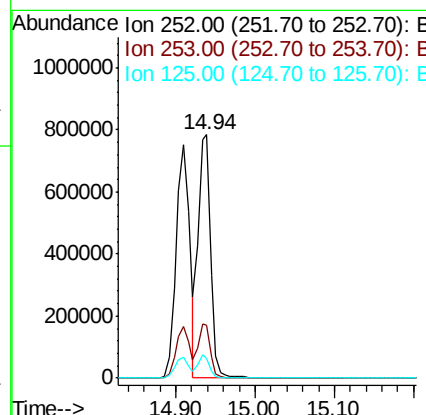
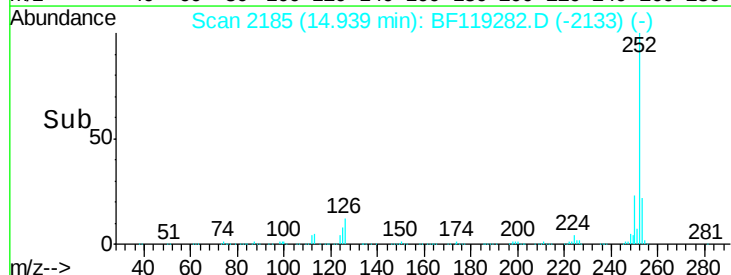
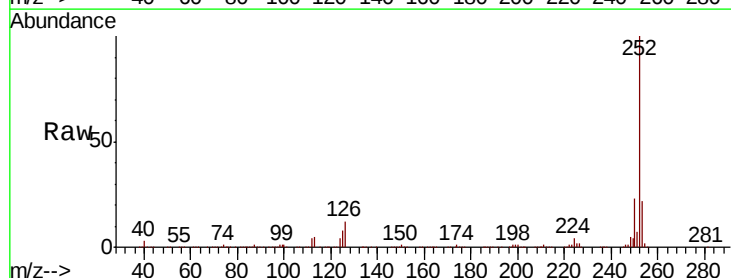
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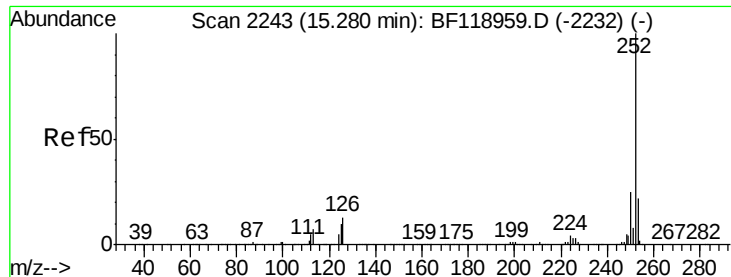
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#89
Benzo(k)fluoranthene
Concen: 51.981 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	8.1	7.5	11.3





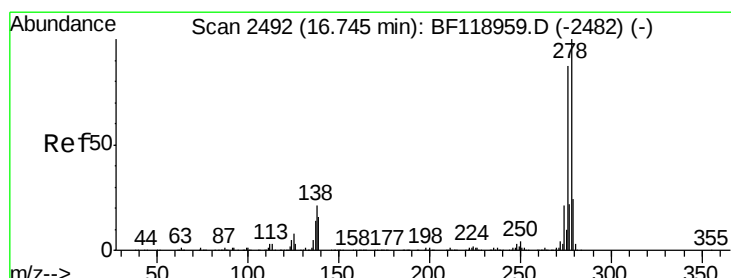
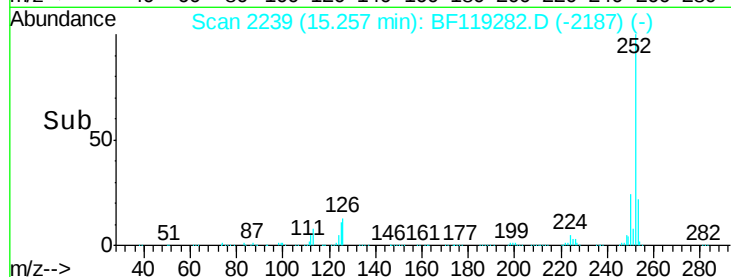
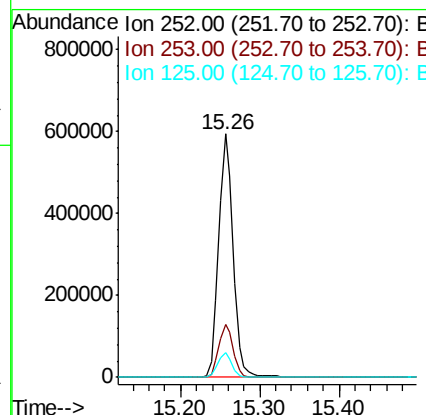
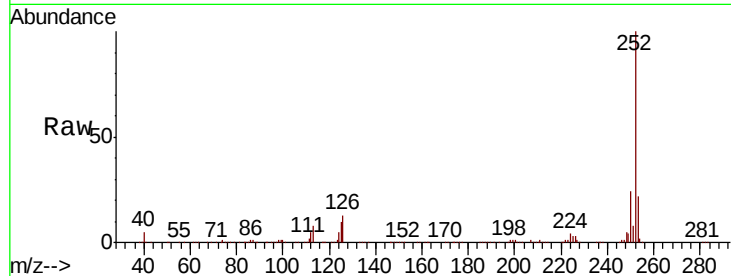
#90
Benzo(a)pyrene
Concen: 46.260 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	10.3	8.6	12.8

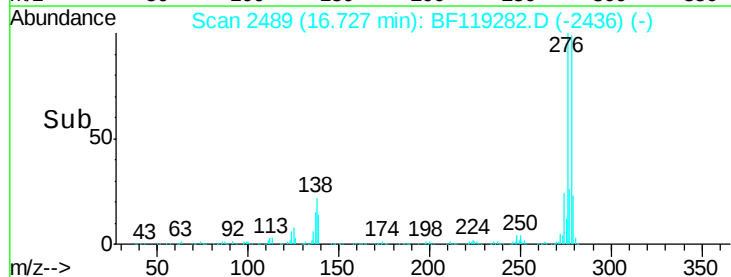
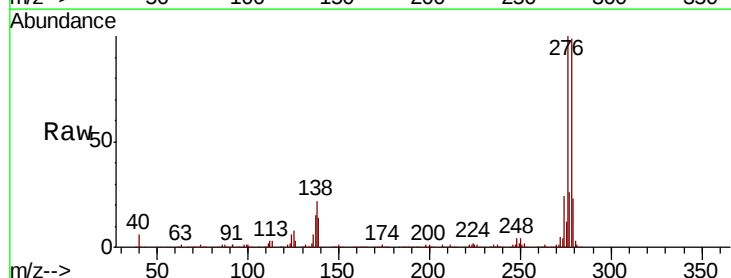
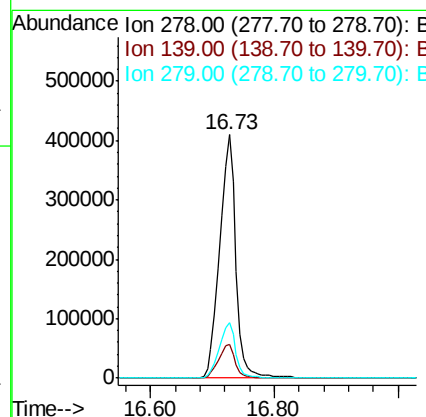
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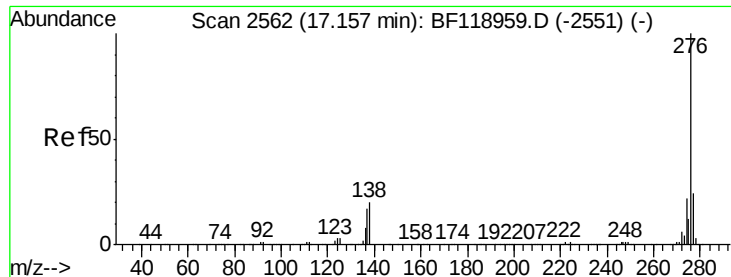
mohammad
3/10/2020 2:44:07 PM



#91
Dibenzo(a,h)anthracene
Concen: 52.288 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BF119282.D
Acq: 9 Mar 2020 12:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.0	16.4
279	22.8	18.6	28.0





#92
 Benzo(a,h,i)perylene
 Concen: 52.582 ng
 RT: 17.14 min Scan# 2560
 Delta R.T. 0.01 min
 Lab File: BF119282.D
 Acq: 9 Mar 2020 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.7	28.1
138	19.8	14.3	21.5

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