

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119912.D
 Acq On : 13 Apr 2020 12:53
 Operator : MA/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 4/14/2020 3:38:20 PM

Quant Time: Apr 13 13:43:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 13:37:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	220285	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	816478	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	434190	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	833830	20.00	ng	0.00
76) Chrysene-d12	13.91	240	606806	20.00	ng	0.00
87) Perylene-d12	15.33	264	615204	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1115020	87.48	ng	0.00
7) Phenol-d6	6.38	99	1428336	86.96	ng	0.00
23) Nitrobenzene-d5	7.31	82	1335458	84.62	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	433141	81.48	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	2350221	76.85	ng	0.00
79) Terphenyl-d14	12.86	244	2611393	72.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	248244	43.725	ng	97
3) Pyridine	3.09	79	674251	43.286	ng	99
4) n-Nitrosodimethylamine	3.05	42	330629	41.543	ng	97
6) Aniline	6.40	93	930804	43.178	ng	99
8) 2-Chlorophenol	6.53	128	616272	43.271	ng	98
9) Benzaldehyde	6.29	77	370512	43.784	ng	99
10) Phenol	6.39	94	801111	42.993	ng	94
11) bis(2-Chloroethyl)ether	6.48	93	609749	42.381	ng	97
12) 1,3-Dichlorobenzene	6.68	146	658364	42.224	ng	99
13) 1,4-Dichlorobenzene	6.76	146	657695	41.408	ng	99
14) 1,2-Dichlorobenzene	6.91	146	621820	42.480	ng	98
15) Benzyl Alcohol	6.89	79	541038	42.411	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1153011	41.184	ng	100
17) 2-Methylphenol	7.00	107	548117	43.125	ng	98
18) Hexachloroethane	7.25	117	251472	42.364	ng	98
19) n-Nitroso-di-n-propylamine	7.16	70	443316	41.973	ng	99
20) 3+4-Methylphenols	7.16	107	657367	42.289	ng	93
22) Acetophenone	7.16	105	798848	41.782	ng	# 97
24) Nitrobenzene	7.33	77	674202	42.465	ng	100
25) Isophorone	7.57	82	1259305	41.392	ng	98
26) 2-Nitrophenol	7.65	139	345698	43.583	ng	90
27) 2,4-Dimethylphenol	7.69	122	503569	42.095	ng	97
28) bis(2-Chloroethoxy)methane	7.78	93	753050	42.064	ng	99
29) 2,4-Dichlorophenol	7.89	162	513179	41.851	ng	99
30) 1,2,4-Trichlorobenzene	7.97	180	573890	41.305	ng	99
31) Naphthalene	8.05	128	1773683	41.289	ng	100
32) Benzoic acid	7.82	122	454826	43.291	ng	98
33) 4-Chloroaniline	8.10	127	786376	42.050	ng	99
34) Hexachlorobutadiene	8.17	225	339188	40.782	ng	99
35) Caprolactam	8.48	113	163993m	43.721	ng	
36) 4-Chloro-3-methylphenol	8.59	107	548756	41.335	ng	93
37) 2-Methylnaphthalene	8.74	142	1168367	40.117	ng	98
38) 1-Methylnaphthalene	8.84	142	1100616	40.095	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	541828	39.510	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	374834	48.068	nq	99
43) 2,4,6-Trichlorophenol	9.02	196	384849	40.639	nq	98
44) 2,4,5-Trichlorophenol	9.06	196	429193	40.240	nq	93
46) 1,1'-Biphenyl	9.21	154	1464828	39.970	nq	99
47) 2-Chloronaphthalene	9.23	162	1136587	40.259	nq	100
48) 2-Nitroaniline	9.33	65	424513	41.494	nq	96
49) Acenaphthylene	9.65	152	1746716	40.683	nq	99
50) Dimethylphthalate	9.52	163	1336807	39.805	nq	99
51) 2,6-Dinitrotoluene	9.57	165	298707	40.616	nq	86
52) Acenaphthene	9.82	154	1047551	36.576	nq	99
53) 3-Nitroaniline	9.74	138	363898	43.325	nq	100
54) 2,4-Dinitrophenol	9.85	184	233670	53.070	nq	# 90
55) Dibenzofuran	9.99	168	1593748	40.551	nq	99
56) 4-Nitrophenol	9.90	139	264045	42.250	nq	94
57) 2,4-Dinitrotoluene	9.97	165	397385	41.012	nq	96
58) Fluorene	10.33	166	1190918	37.889	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.11	232	329040	40.336	nq	98
60) Diethylphthalate	10.21	149	1364867	39.212	nq	99
61) 4-Chlorophenyl-phenylether	10.33	204	599999	37.244	nq	99
62) 4-Nitroaniline	10.36	138	371559	46.418	nq	96
63) Azobenzene	10.49	77	1270819	40.739	nq	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	234928	42.766	nq	90
66) n-Nitrosodiphenylamine	10.45	169	1117503	40.298	nq	98
67) 4-Bromophenyl-phenylether	10.82	248	409550	39.495	nq	98
68) Hexachlorobenzene	10.88	284	429662	40.845	nq	100
69) Atrazine	10.97	200	288869	37.440	nq	98
70) Pentachlorophenol	11.07	266	246588	40.677	nq	97
71) Phenanthrene	11.30	178	1776537	40.033	nq	99
72) Anthracene	11.35	178	1805691	39.831	nq	99
73) Carbazole	11.50	167	1720050	40.121	nq	99
74) Di-n-butylphthalate	11.84	149	2144360	38.049	nq	100
75) Fluoranthene	12.48	202	1899857	39.677	nq	98
77) Benzidine	12.60	184	812969	39.634	nq	98
78) Pyrene	12.71	202	1973969	38.588	nq	99
80) Butylbenzylphthalate	13.33	149	933937	37.625	nq	97
81) Benzo(a)anthracene	13.90	228	1591929	39.878	nq	100
82) 3,3'-Dichlorobenzidine	13.87	252	654669	43.953	nq	97
83) Chrysene	13.94	228	1680935	41.441	nq	100
84) Bis(2-ethylhexyl)phthalate	13.90	149	1191000	35.432	nq	98
85) Di-n-octyl phthalate	14.51	149	2159832	37.737	nq	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	1546130	43.242	nq	99
88) Benzo(b)fluoranthene	14.93	252	1788965	40.423	nq	99
89) Benzo(k)fluoranthene	14.96	252	1485704	38.908	nq	99
90) Benzo(a)pyrene	15.28	252	1519027	40.822	nq	99
91) Dibenzo(a,h)anthracene	16.75	278	1274064	38.654	nq	98
92) Benzo(g,h,i)perylene	17.16	276	1213695	37.303	nq	96

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

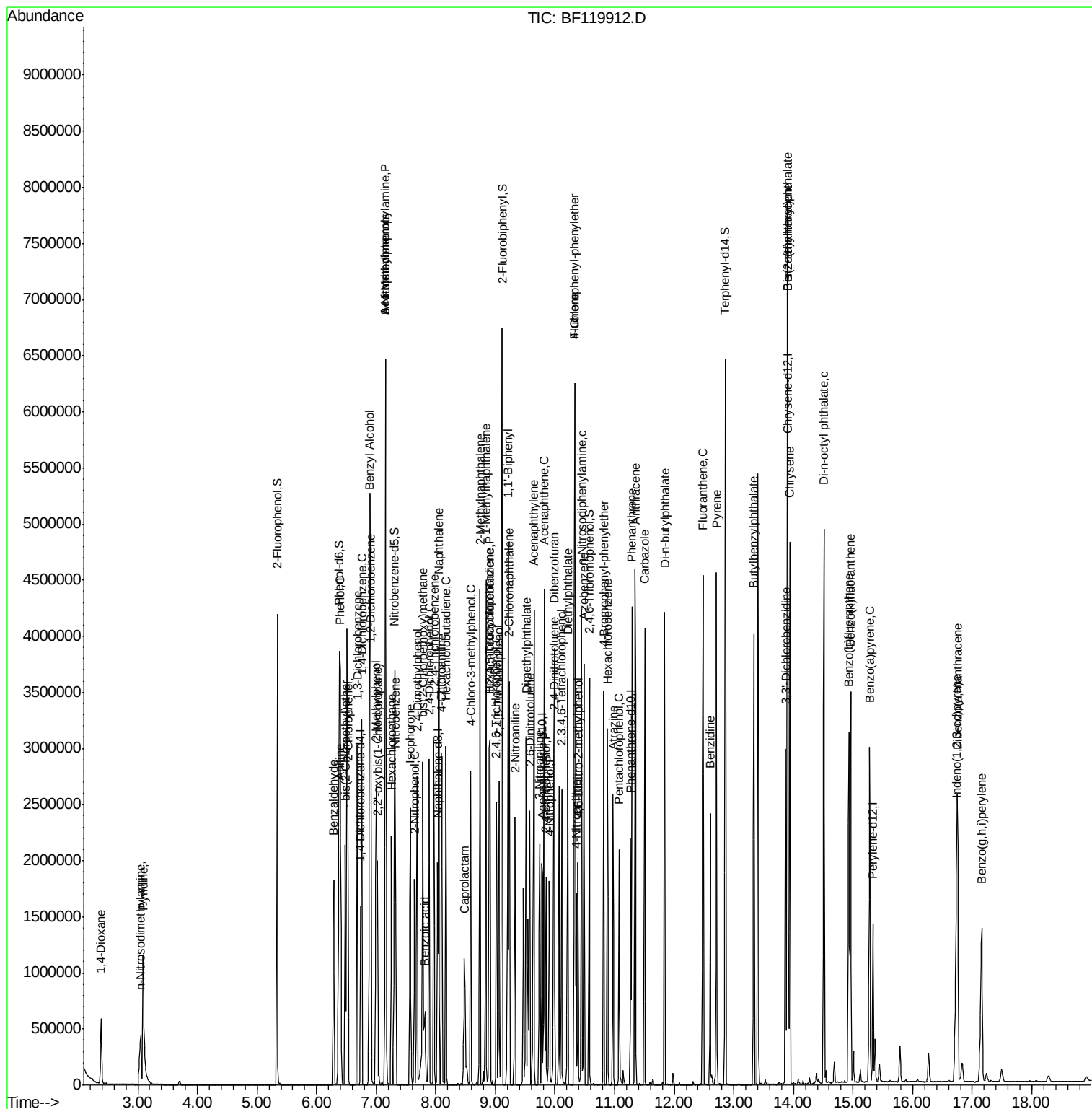
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Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\  
Data File : BF119912.D  
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Operator  : MA/SJ  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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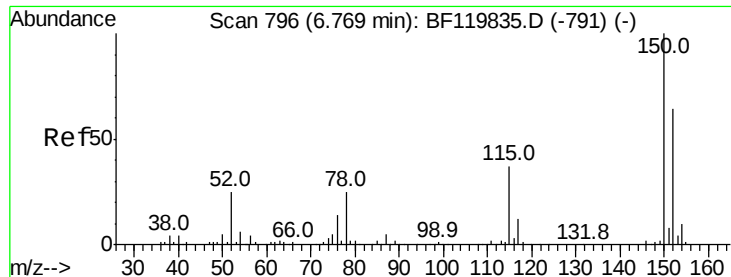
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#1

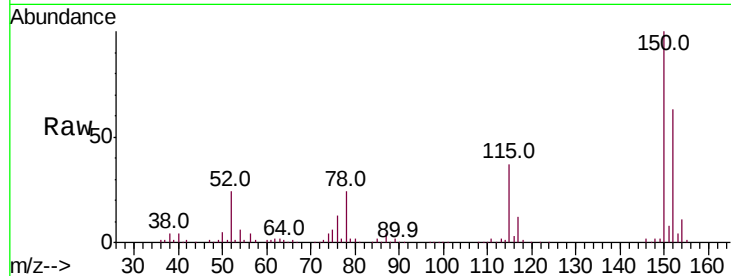
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.8	187.2
115	58.9	46.5	69.7

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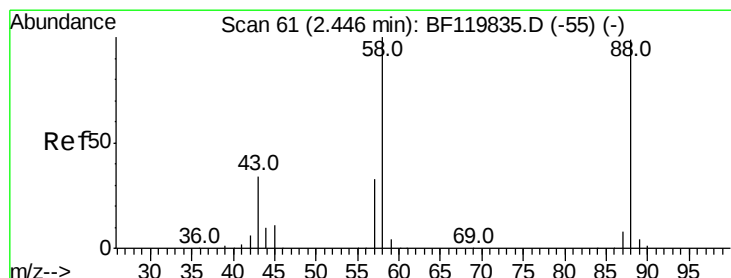
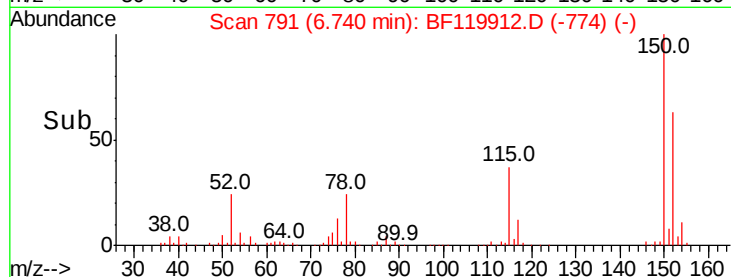
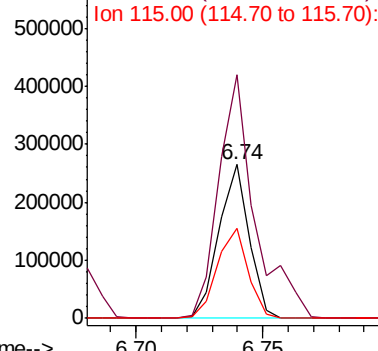


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

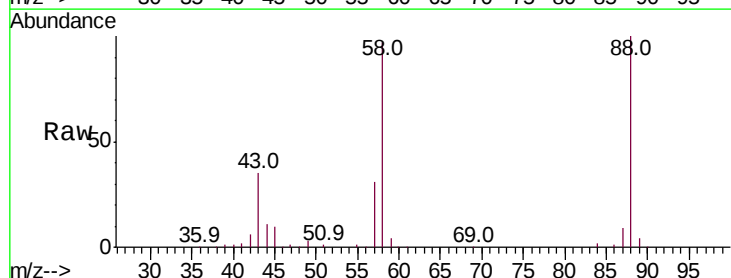
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 43.725 ng
RT: 2.39 min Scan# 51
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.1	82.6	123.8
43	35.2	28.6	42.8

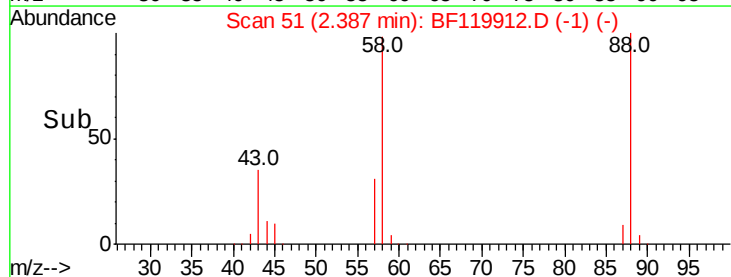
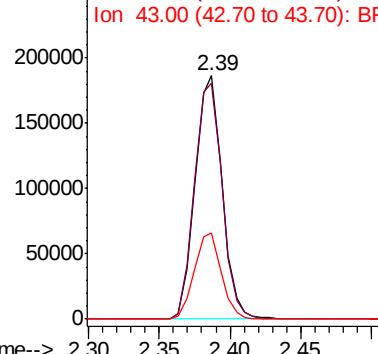


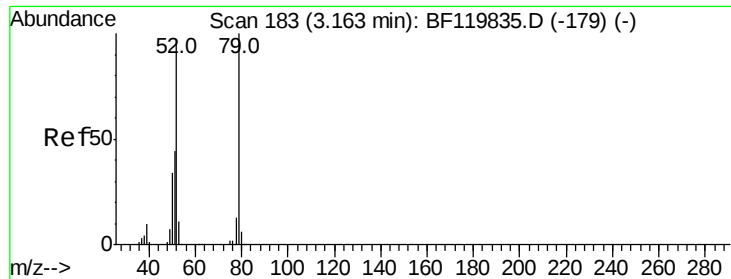
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 43.286 ng

RT: 3.09 min Scan# 170

Delta R.T. 0.00 min

Lab File: BF119912.D

Acq: 13 Apr 2020 12:53

Instrument :

BNA_F

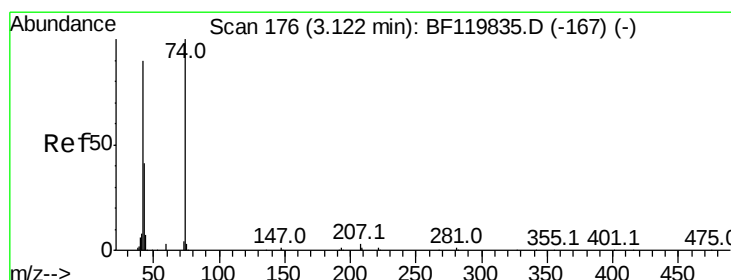
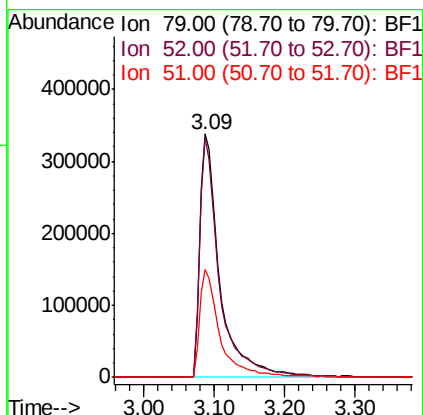
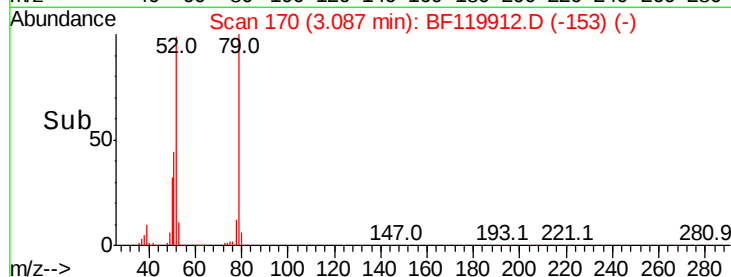
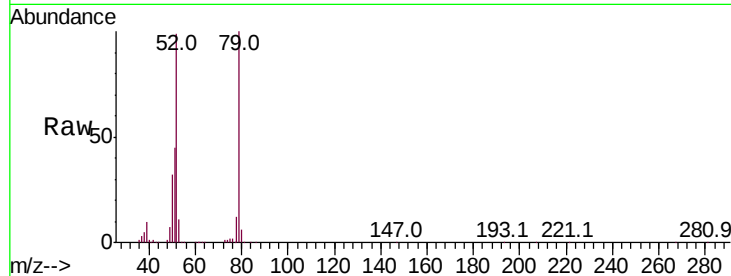
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	674251
Ion Ratio	Lower	Upper	
79	100		
52	98.5	77.4	116.0
51	44.5	35.3	52.9

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#4

n-Nitrosodimethylamine

Concen: 41.543 ng

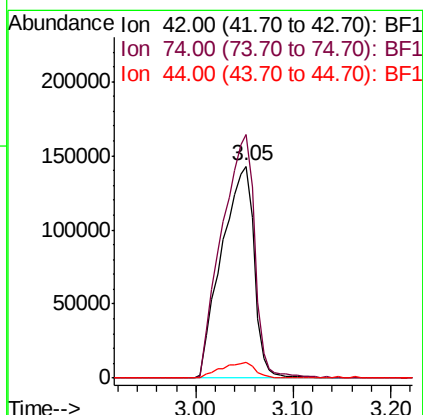
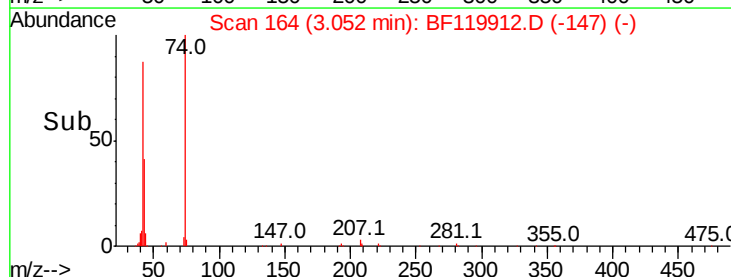
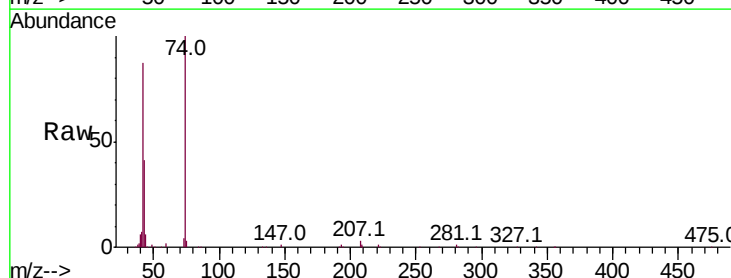
RT: 3.05 min Scan# 164

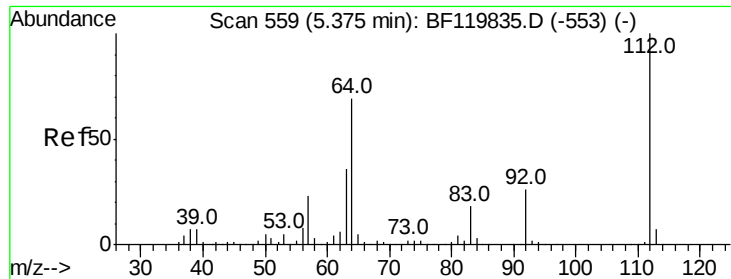
Delta R.T. 0.00 min

Lab File: BF119912.D

Acq: 13 Apr 2020 12:53

Tgt Ion:	42	Resp:	330629
Ion Ratio	Lower	Upper	
42	100		
74	114.9	89.0	133.4
44	7.2	6.2	9.4





#5

2-Fluorophenol

Concen: 87.476 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF119912.D

Acq: 13 Apr 2020 12:53

Instrument :

BNA_F

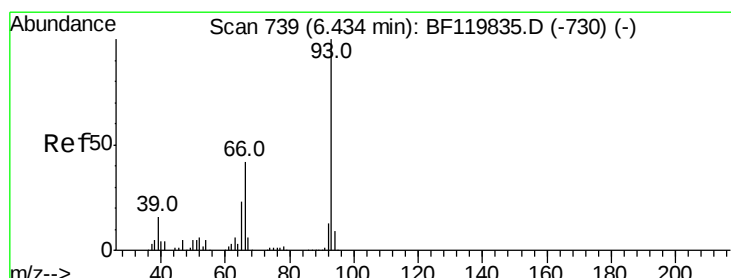
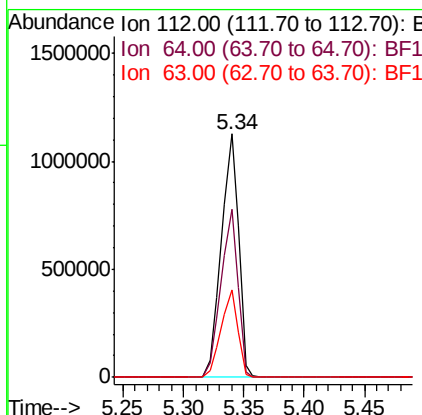
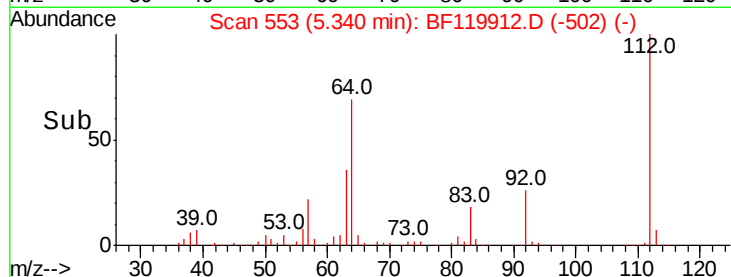
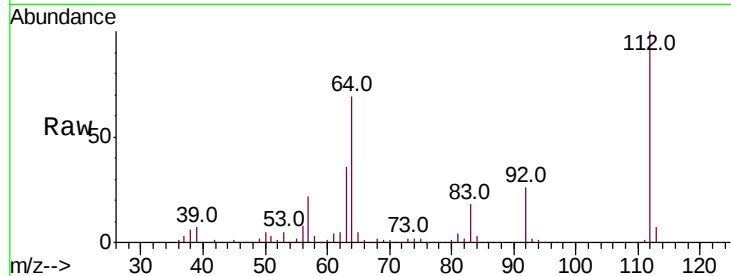
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	1115020
Ion	Ratio	Lower	Upper
112	100		
64	68.9	55.5	83.3
63	35.9	29.1	43.7

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#6

Aniline

Concen: 43.178 ng

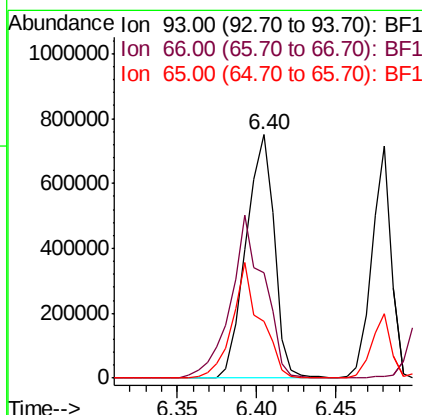
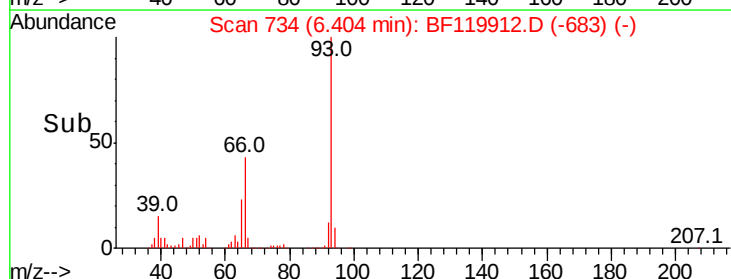
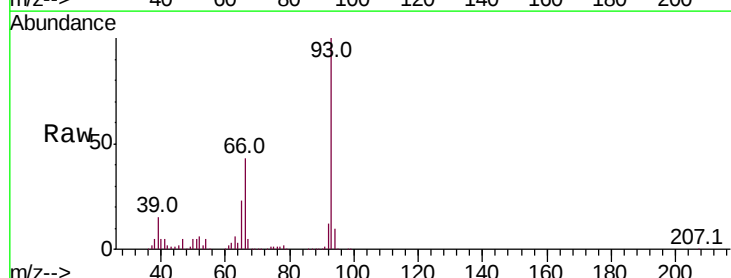
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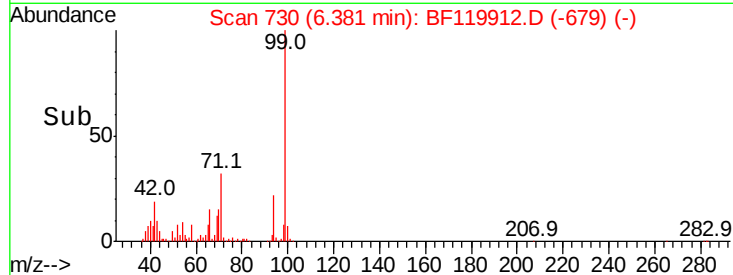
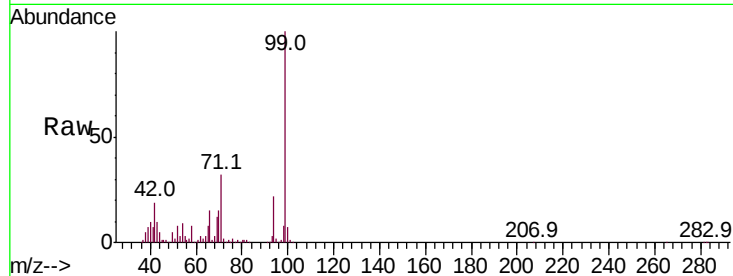
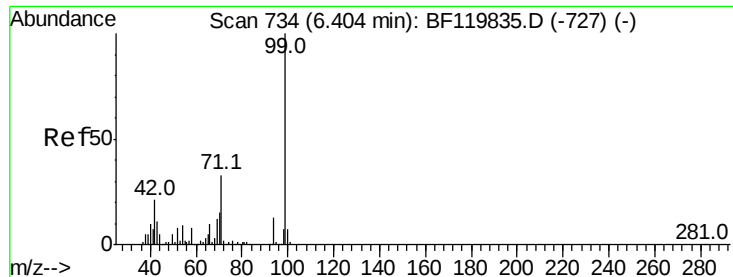
Delta R.T. 0.00 min

Lab File: BF119912.D

Acq: 13 Apr 2020 12:53

Tgt Ion:	93	Resp:	930804
Ion	Ratio	Lower	Upper
93	100		
66	43.2	34.2	51.2
65	23.3	18.3	27.5





#7

Phenol-d6

Concen: 86.963 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119912.D

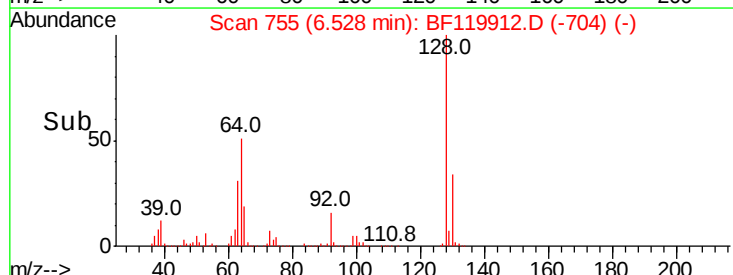
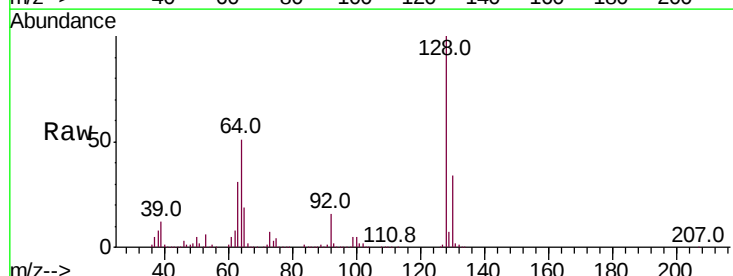
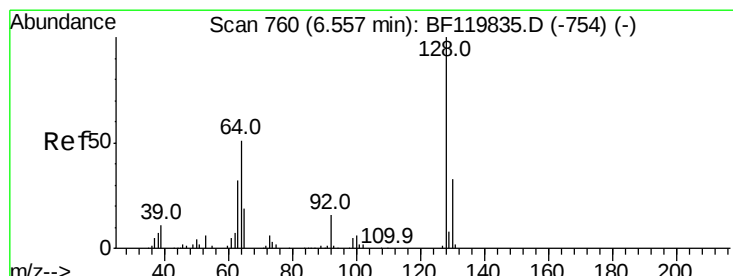
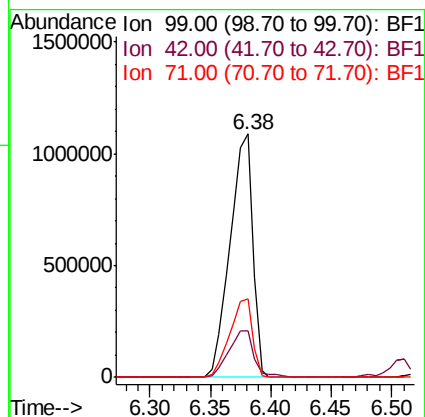
Acq: 13 Apr 2020 12:53

Tot Ion	Ratio	Lower	Upper
99	100		
42	19.2	16.9	25.3
71	32.2	26.3	39.5

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#8

2-Chlorophenol

Concen: 43.271 ng

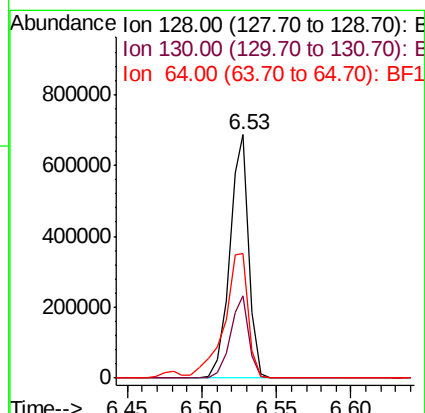
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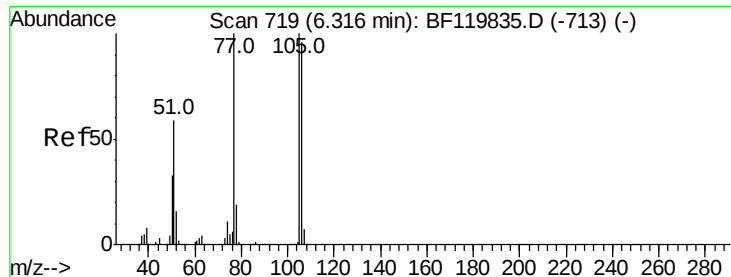
Delta R.T. 0.00 min

Lab File: BF119912.D

Acq: 13 Apr 2020 12:53

Tgt Ion	Ratio	Lower	Upper
128	100		
130	33.7	12.6	52.6
64	51.0	32.0	72.0





#9

Benzaldehyde

Concen: 43.784 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF119912.D

Acq: 13 Apr 2020 12:53

Instrument :

BNA_F

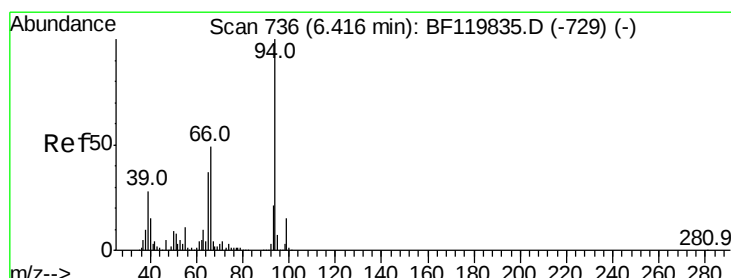
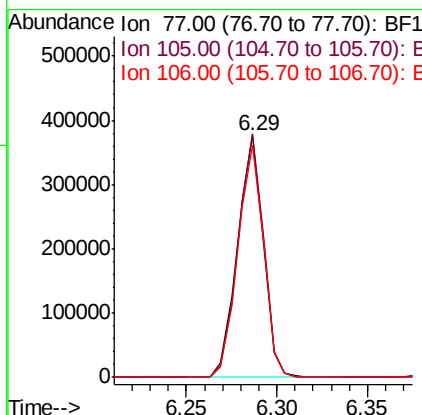
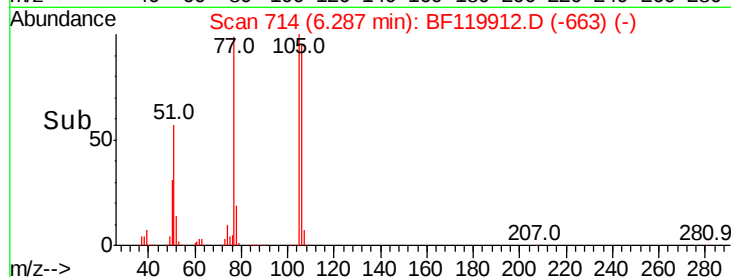
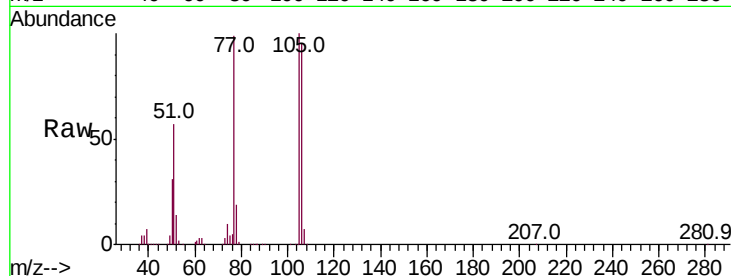
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	370512
Ion	Ratio	Lower	Upper
77	100		
105	100.6	79.9	119.9
106	95.7	76.4	116.4

Manual Integrations
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#10

Phenol

Concen: 42.993 ng

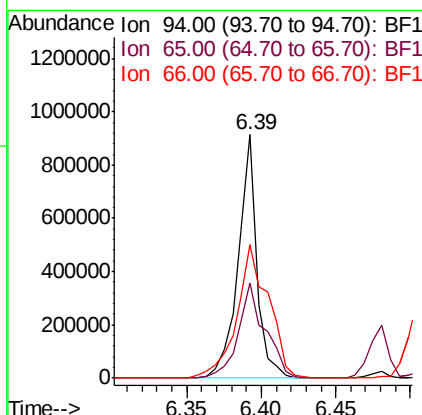
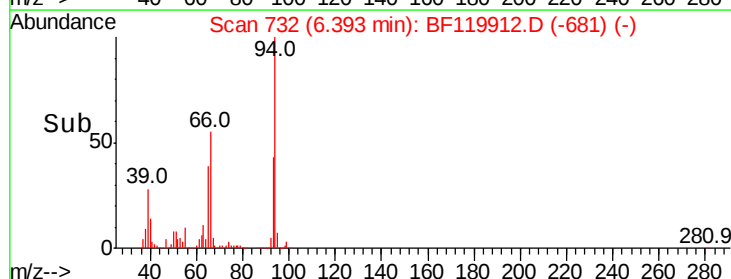
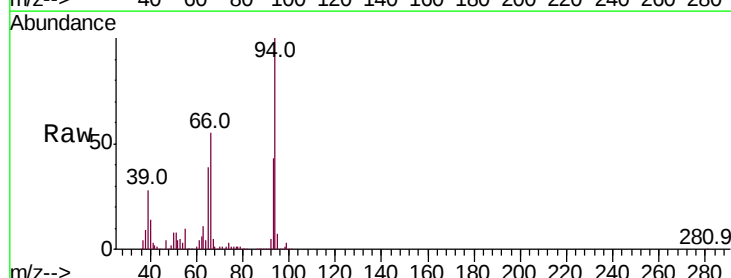
RT: 6.39 min Scan# 732

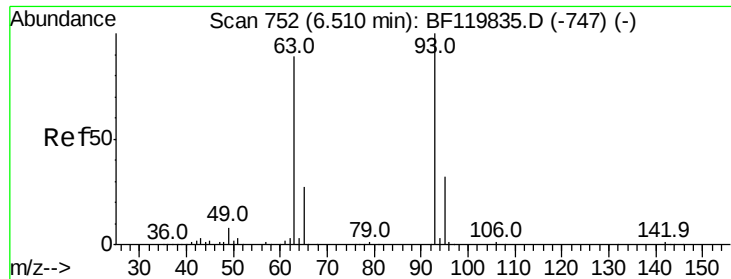
Delta R.T. 0.00 min

Lab File: BF119912.D

Acq: 13 Apr 2020 12:53

Tgt Ion:	94	Resp:	801111
Ion	Ratio	Lower	Upper
94	100		
65	38.8	16.6	56.6
66	55.0	29.3	69.3





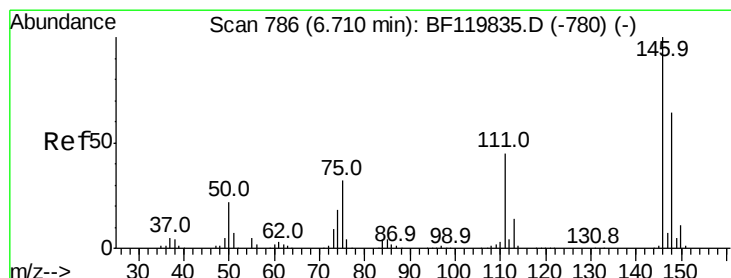
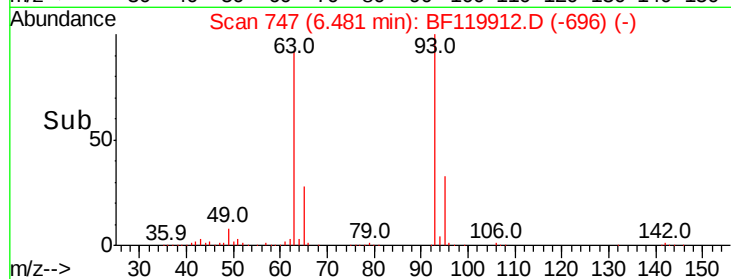
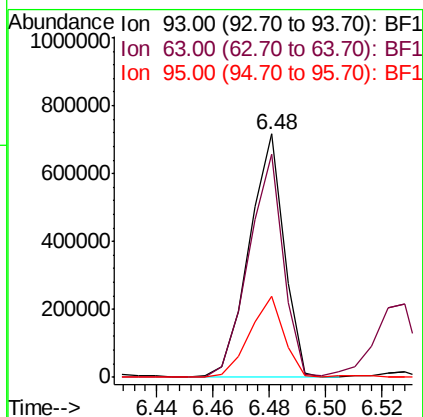
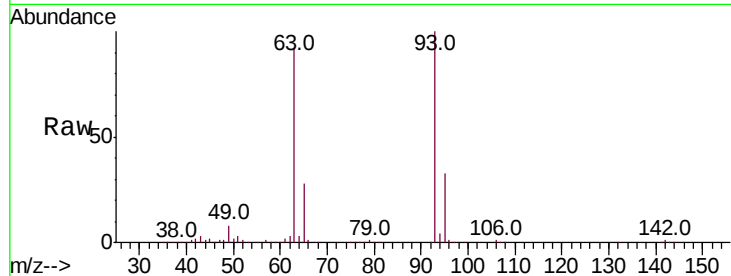
#11
bis(2-Chloroethyl)ether
Concen: 42.381 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	91.8	69.1	109.1
95	33.3	12.3	52.3

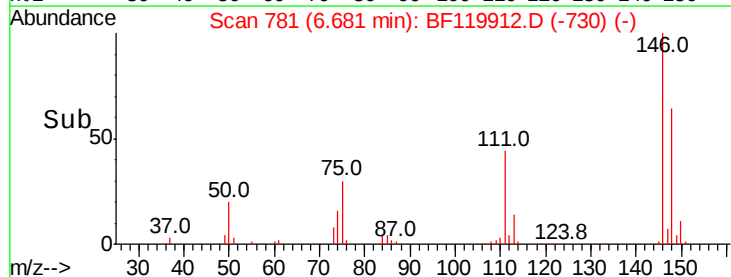
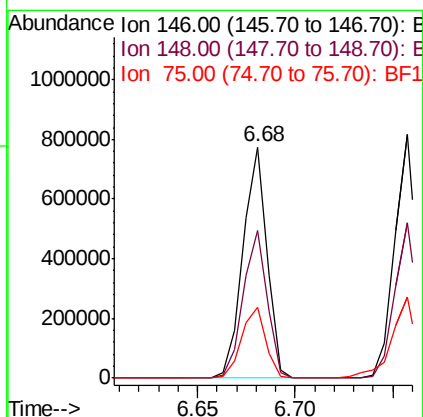
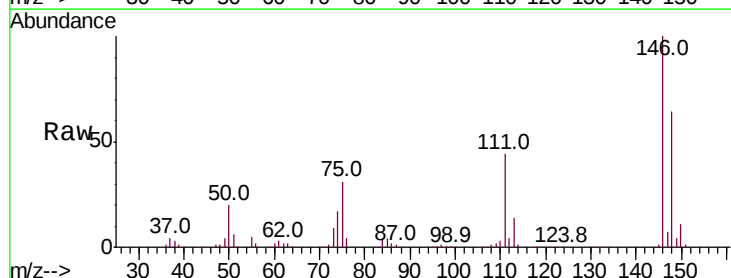
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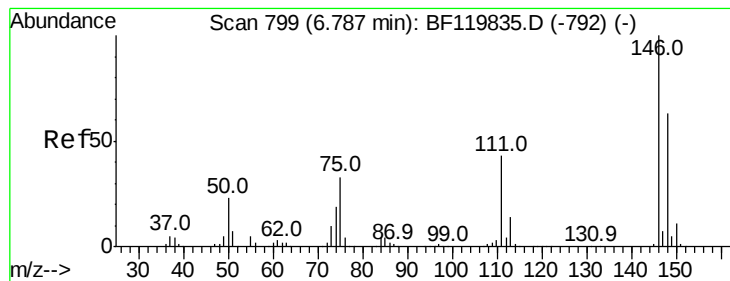
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#12
1,3-Dichlorobenzene
Concen: 42.224 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.3	76.9
75	30.8	25.3	37.9





#13

1,4-Dichlorobenzene

Concen: 41.408 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF119912.D

Acq: 13 Apr 2020 12:53

Instrument :

BNA_F

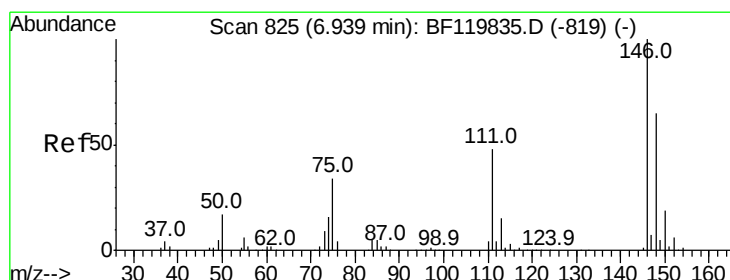
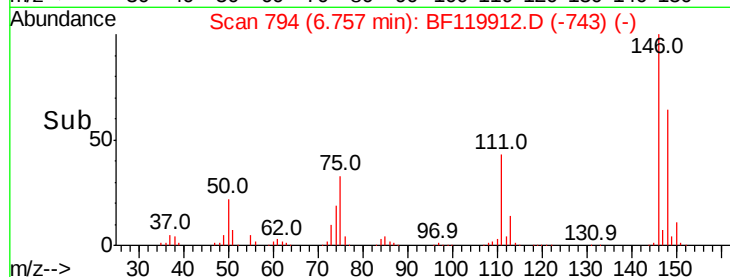
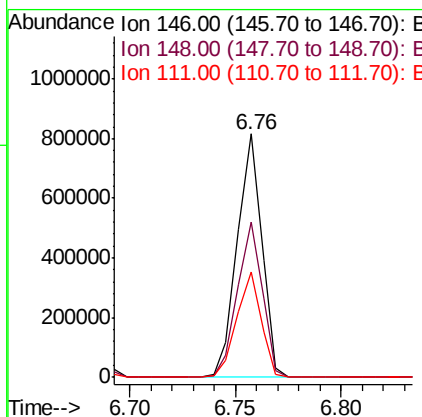
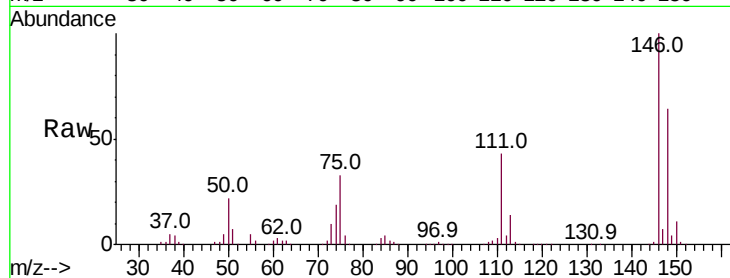
ClientSampled :

SSTDCCC040

Tot Ion:	146	Resp:	657695
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.5	75.7
111	43.1	34.7	52.1

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#14

1,2-Dichlorobenzene

Concen: 42.480 ng

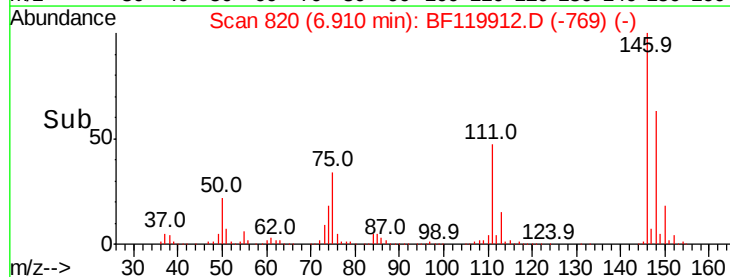
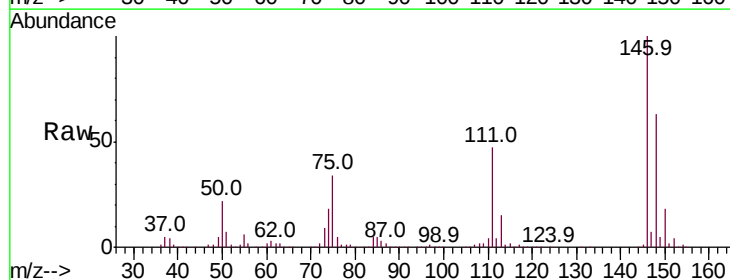
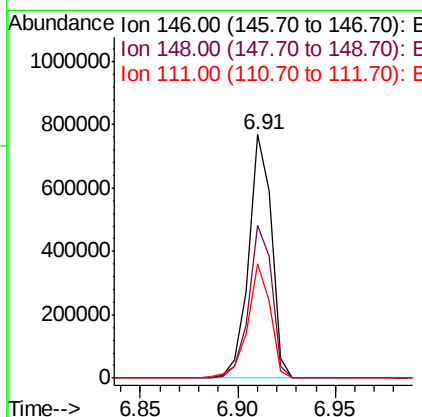
RT: 6.91 min Scan# 820

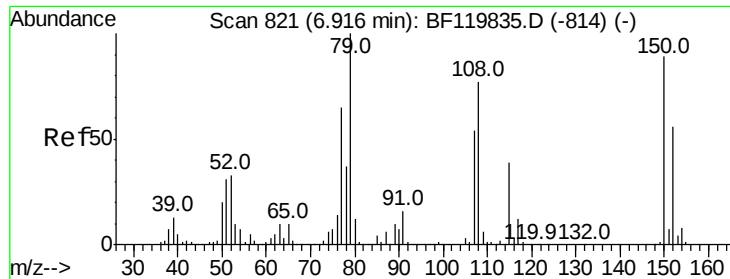
Delta R.T. 0.00 min

Lab File: BF119912.D

Acq: 13 Apr 2020 12:53

Tgt Ion:	146	Resp:	621820
Ion Ratio	Lower	Upper	
146	100		
148	62.7	51.8	77.8
111	46.7	38.0	57.0





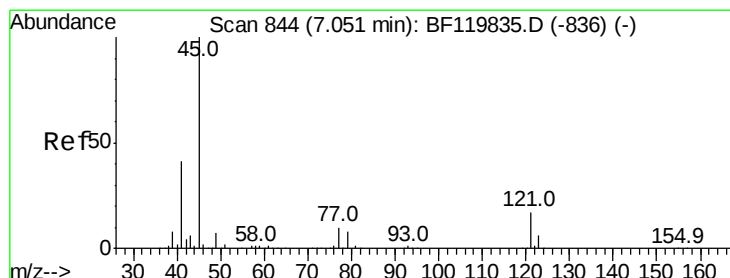
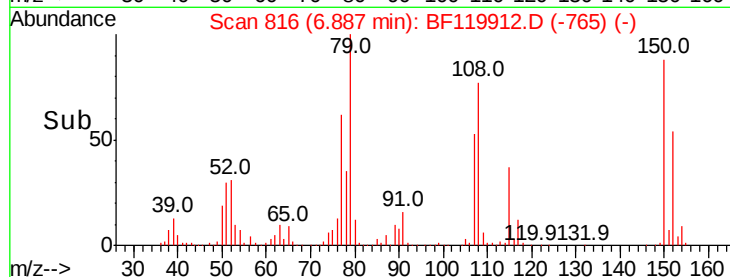
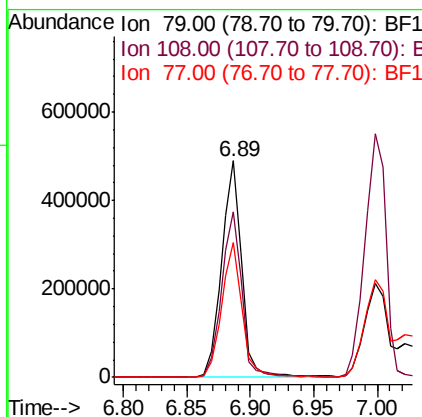
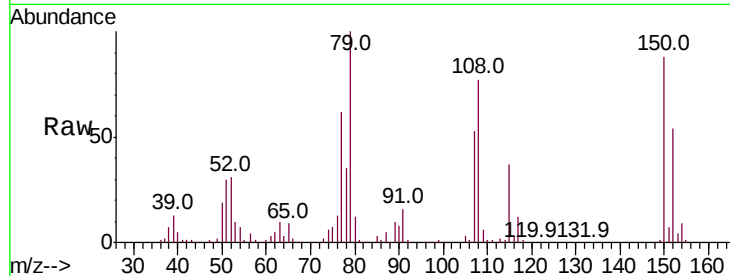
#15
Benzyl Alcohol
Concen: 42.411 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.6	62.0	93.0
77	62.4	51.8	77.6

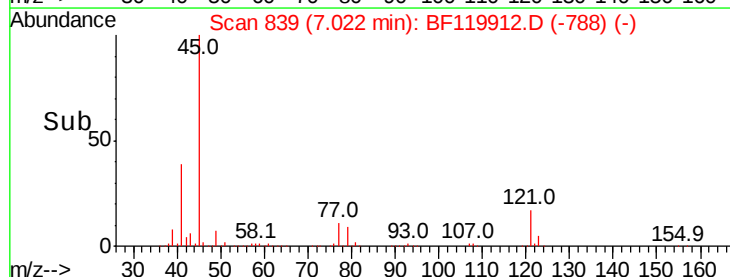
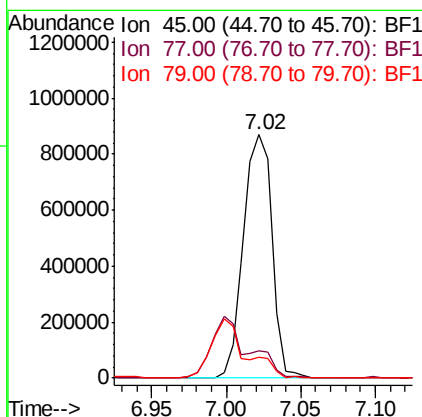
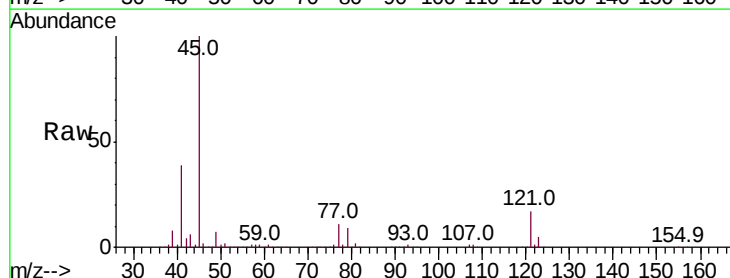
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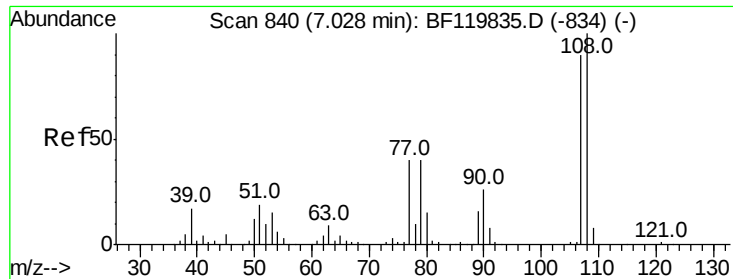
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.184 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.0	0.0	30.7
79	8.6	0.0	28.6





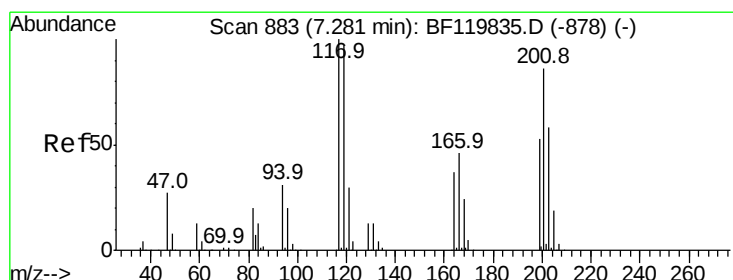
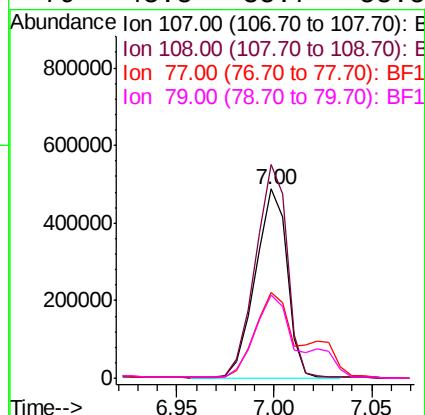
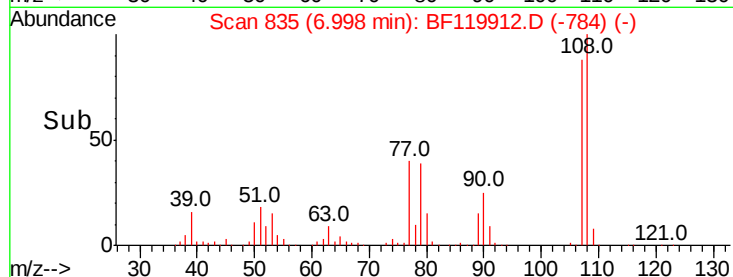
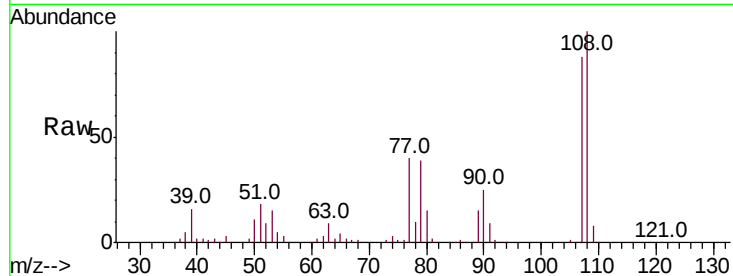
#17
2-Methylphenol
Concen: 43.125 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	88.8	133.2	
77	45.6	36.0	54.0	
79	43.8	35.7	53.5	

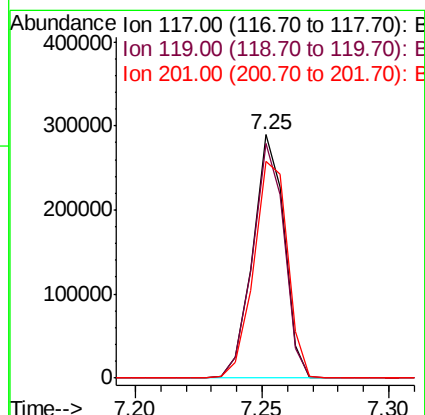
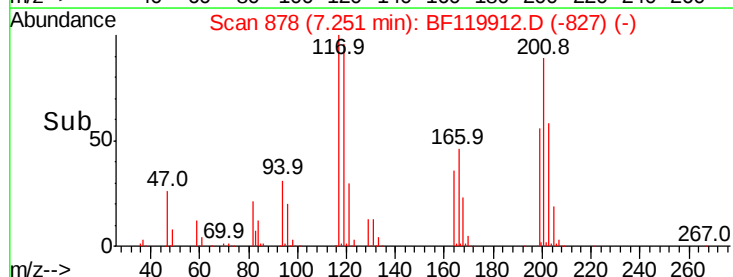
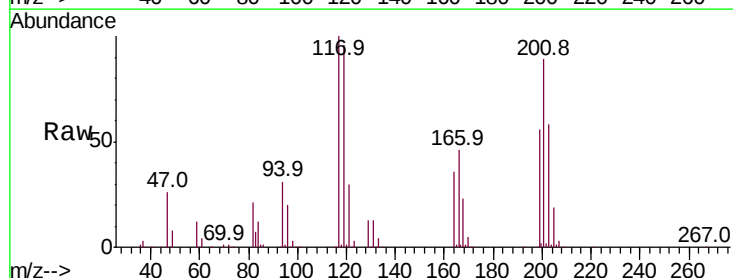
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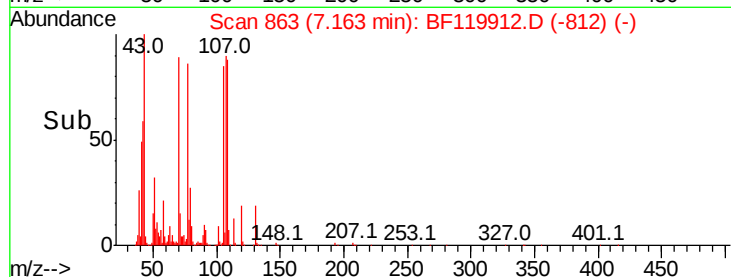
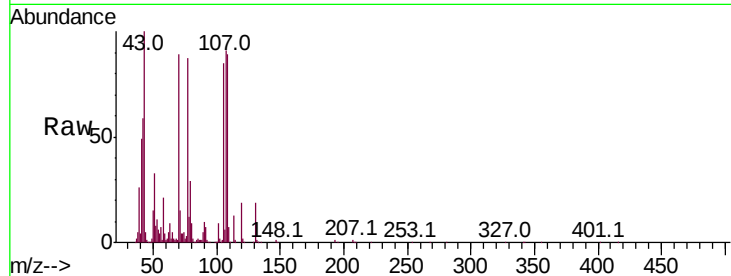
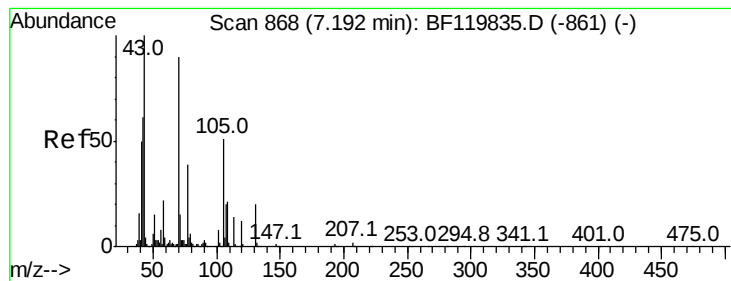
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#18
Hexachloroethane
Concen: 42.364 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	77.4	116.0	
201	89.3	68.4	102.6	





#19

n-Nitroso-di-n-propylamine

Concen: 41.973 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF119912.D

Acq: 13 Apr 2020 12:53

Instrument :

BNA_F

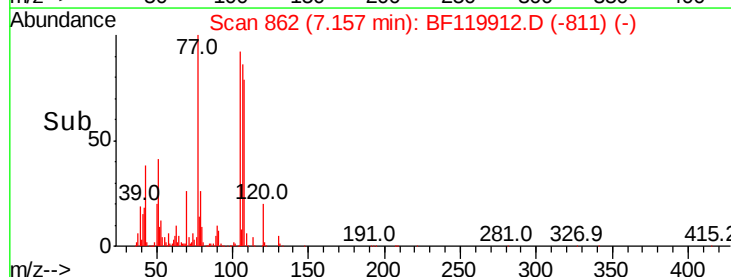
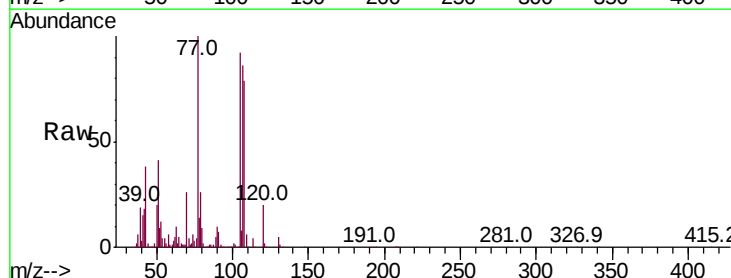
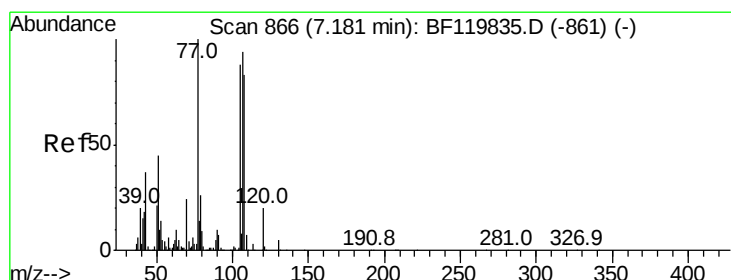
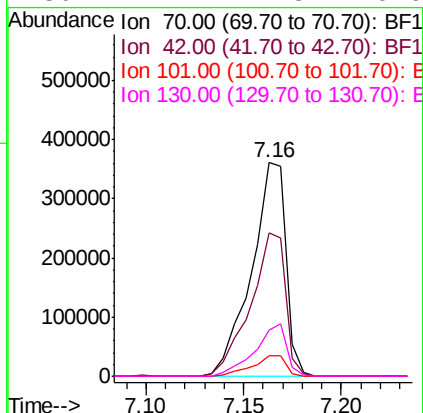
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.9	54.2	81.4
101	9.8	7.4	11.2
130	21.4	17.8	26.6

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#20

3+4-Methylphenols

Concen: 42.289 ng

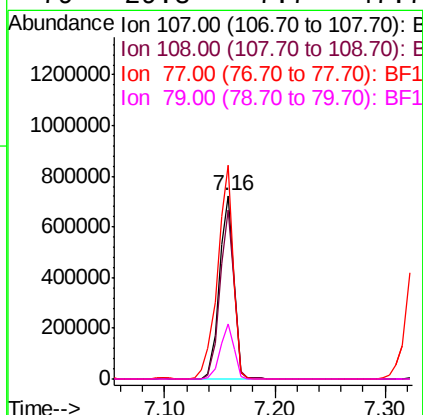
RT: 7.16 min Scan# 862

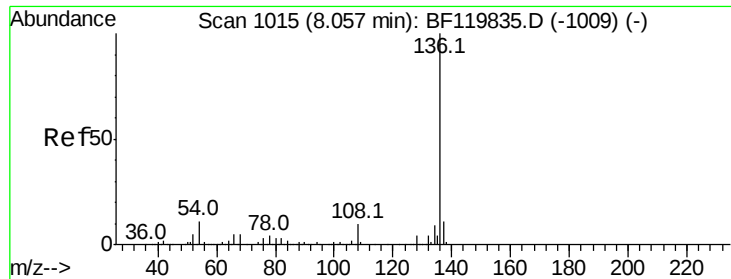
Delta R.T. 0.00 min

Lab File: BF119912.D

Acq: 13 Apr 2020 12:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.3	68.2	108.2
77	116.5	86.6	126.6
79	29.8	7.7	47.7





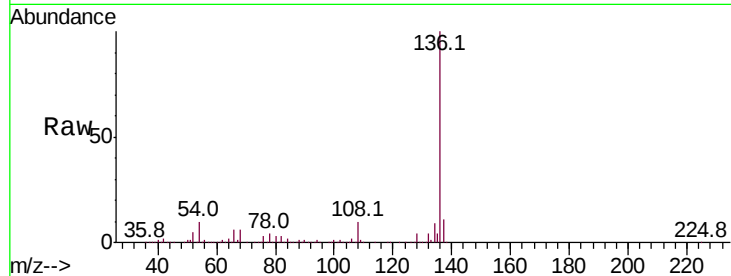
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	816478		
137	11.3	8.7	13.1	
54	10.4	8.5	12.7	
68	5.5	3.9	5.9	

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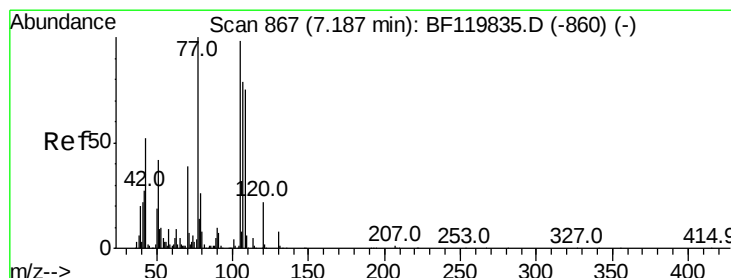
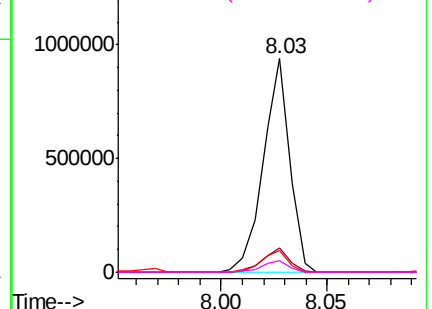
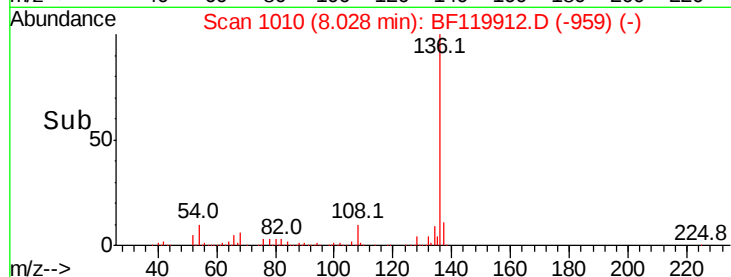
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

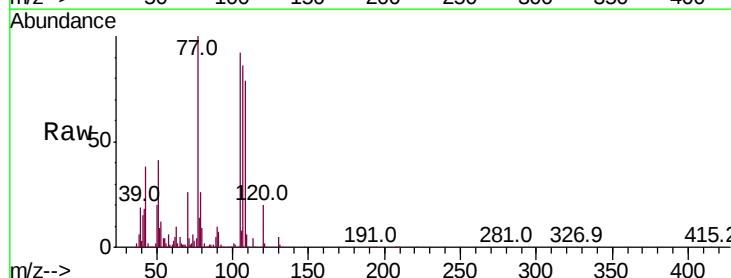
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 41.782 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	798848		
71	4.7	5.6	8.4#	
51	44.7	33.9	50.9	
120	22.2	17.8	26.8	



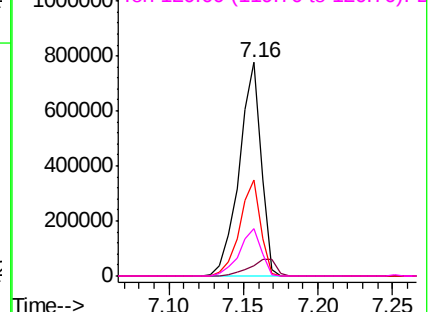
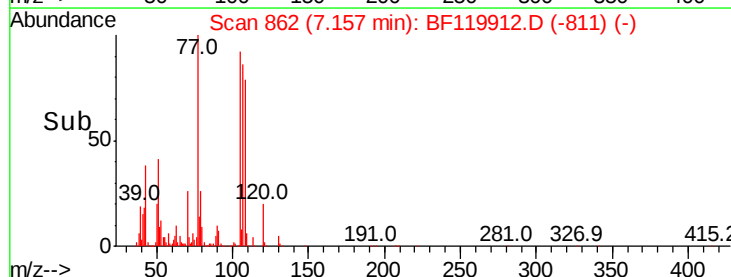
Abundance

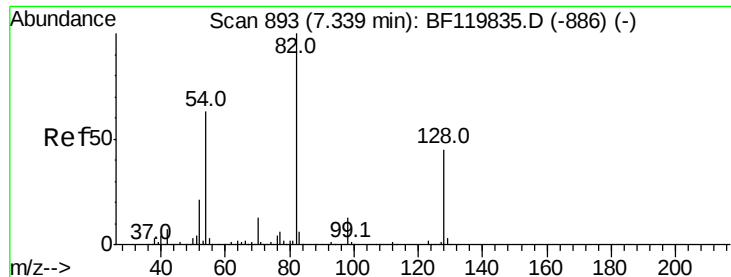
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





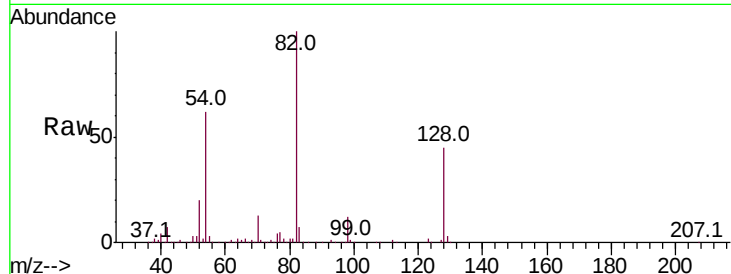
#23
Nitrobenzene-d5
Concen: 84.617 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

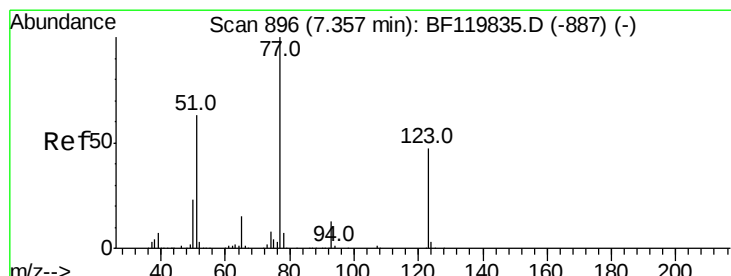
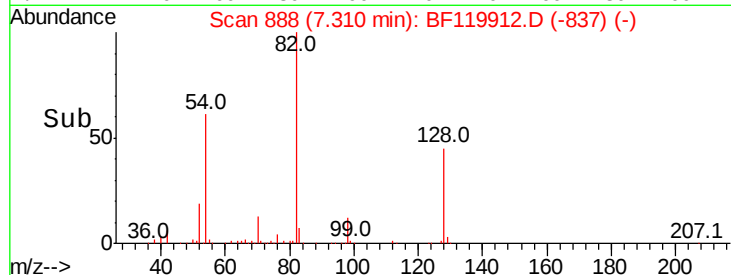
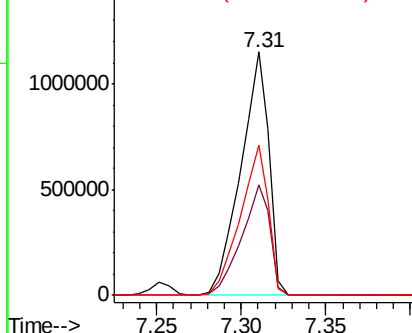
Tot Ion: 82 Resp: 1335458
Ion Ratio Lower Upper
82 100
128 45.4 36.2 54.4
54 61.6 50.4 75.6

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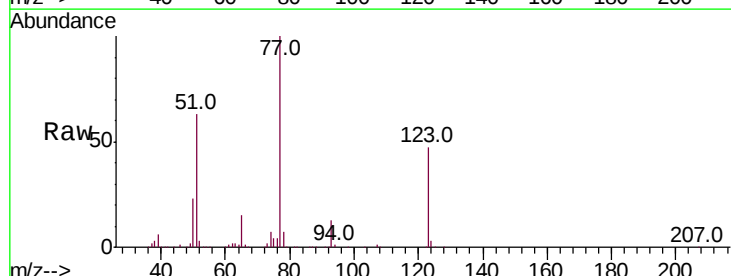


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

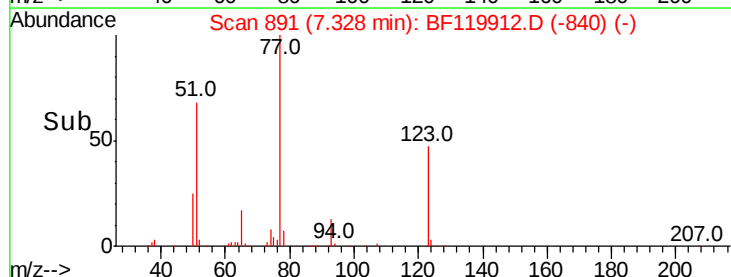
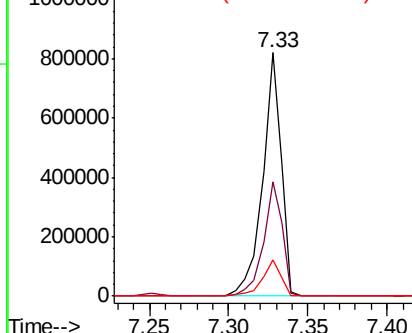


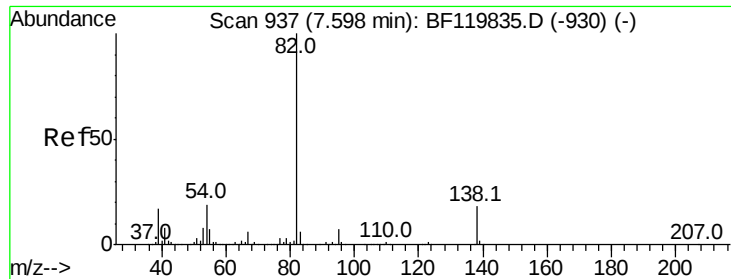
#24
Nitrobenzene
Concen: 42.465 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Tgt Ion: 77 Resp: 674202
Ion Ratio Lower Upper
77 100
123 47.2 37.8 56.8
65 14.9 12.2 18.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.392 ng

RT: 7.57 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF119912.D

Acq: 13 Apr 2020 12:53

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion: 82 Resp: 1259305

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

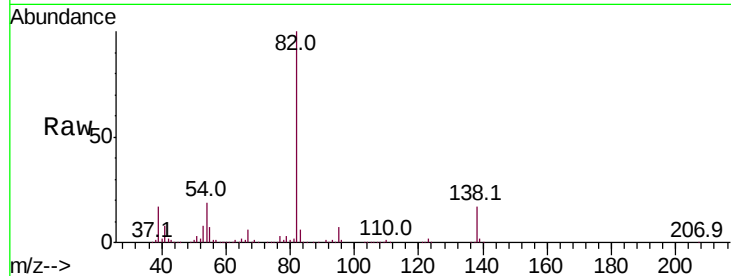
138 17.0 14.5 21.7

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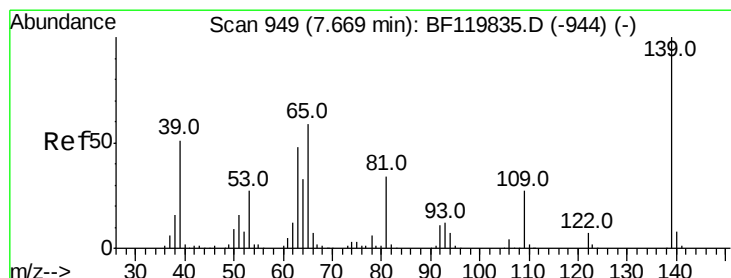
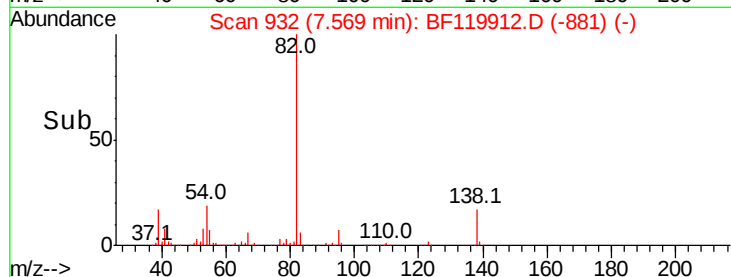
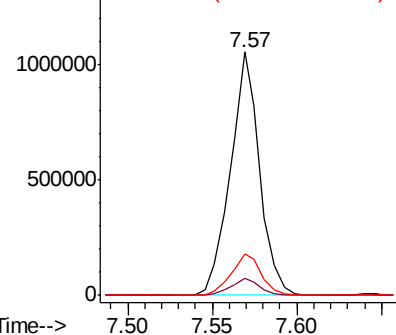
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.583 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF119912.D

Acq: 13 Apr 2020 12:53

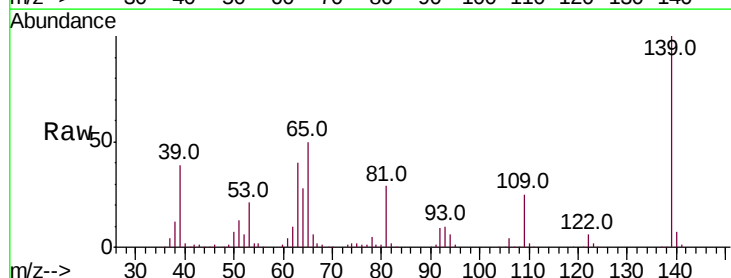
Tgt Ion:139 Resp: 345698

Ion Ratio Lower Upper

139 100

109 25.2 21.8 32.6

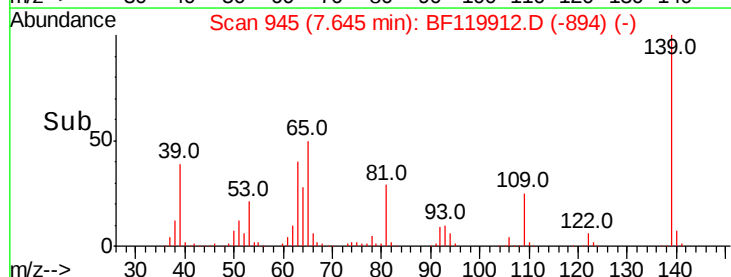
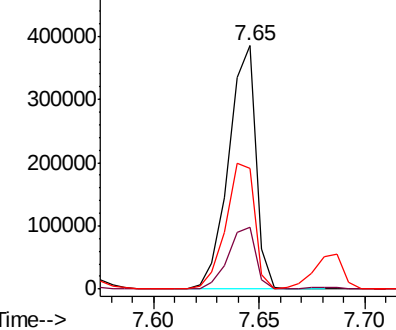
65 49.5 47.0 70.4

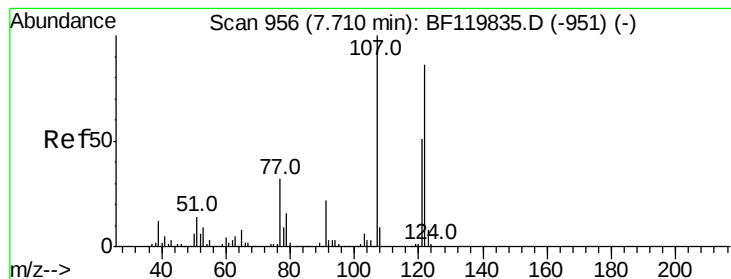


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





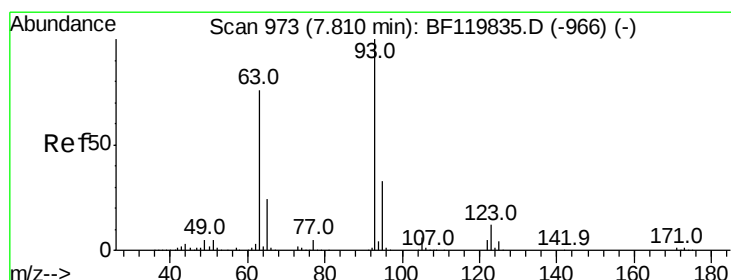
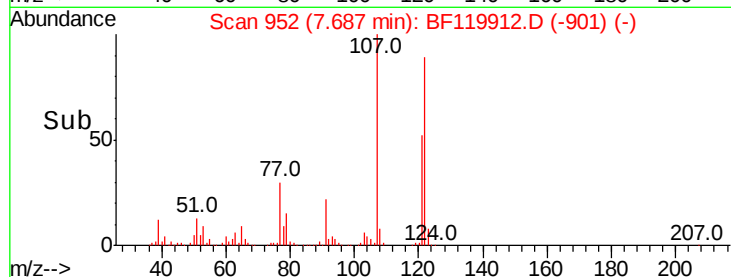
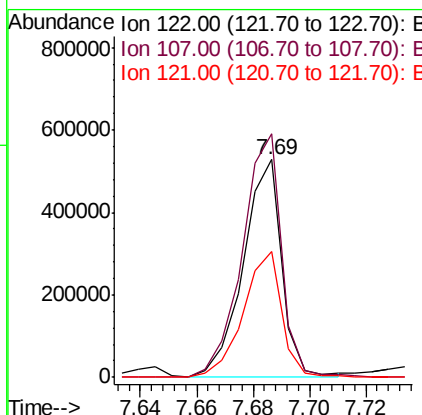
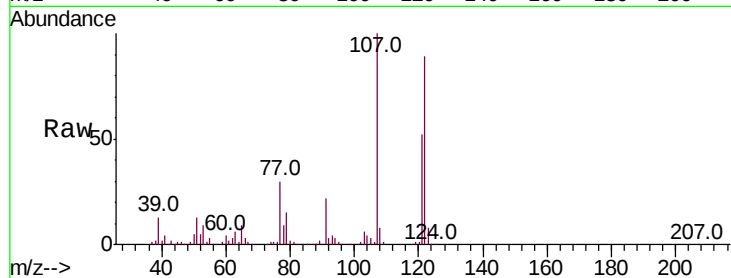
#27
2,4-Dimethylphenol
Concen: 42.095 ng
RT: 7.69 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	503569		
107	111.7	92.3	138.5	
121	57.6	46.6	70.0	

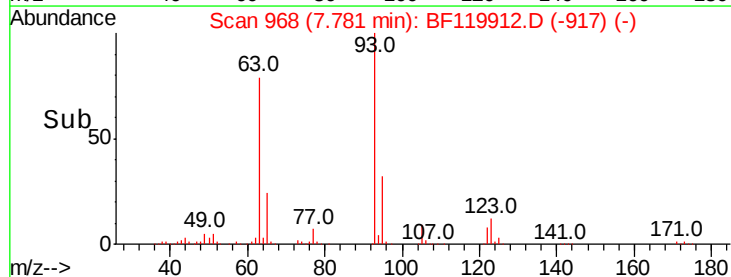
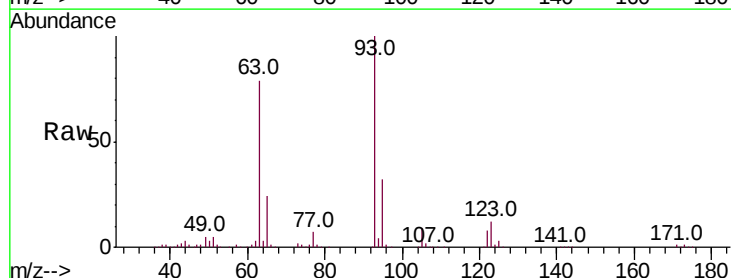
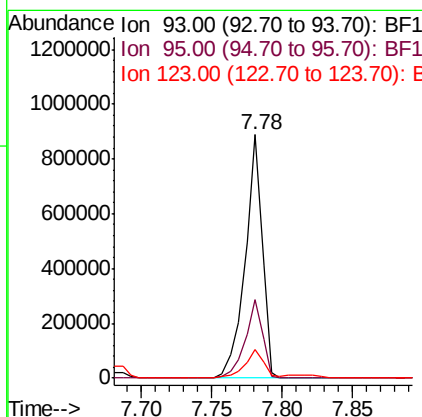
Manual Integrations
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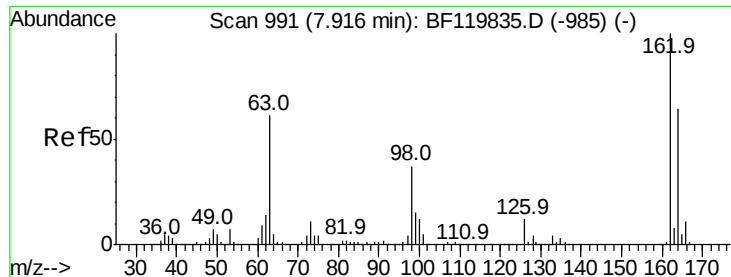
mohammad
4/14/2020 3:38:20 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.064 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	753050		
95	32.5	26.4	39.6	
123	11.6	9.7	14.5	





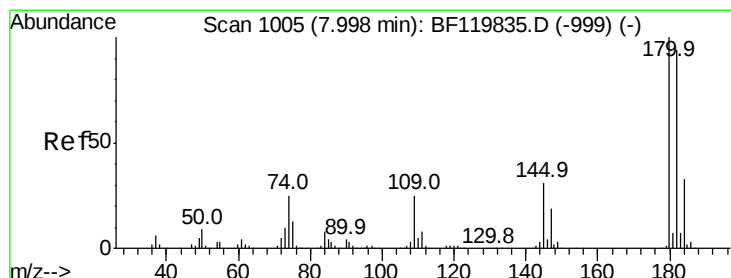
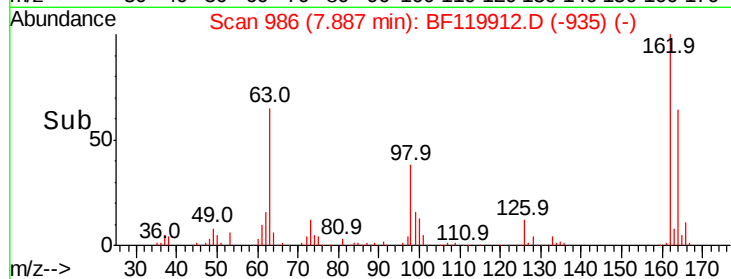
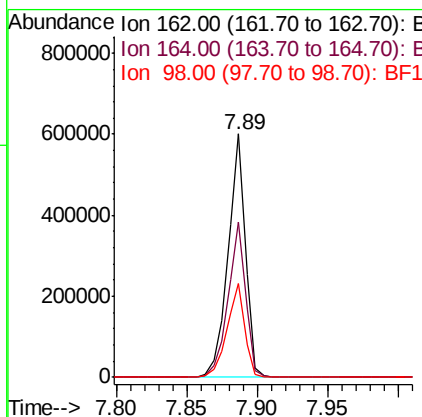
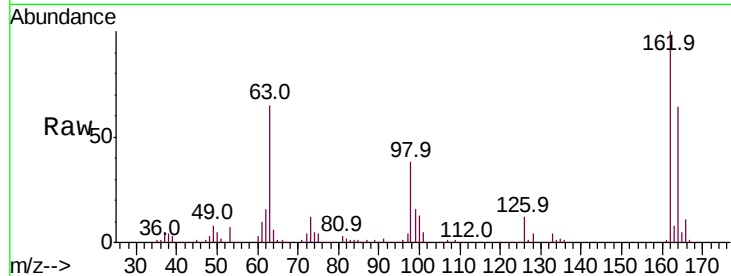
#29
 2,4-Dichlorophenol
 Concen: 41.851 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF119912.D
 Acq: 13 Apr 2020 12:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	513179
Ion Ratio	Lower	Upper	
162	100		
164	64.0	44.4	84.4
98	38.5	17.3	57.3

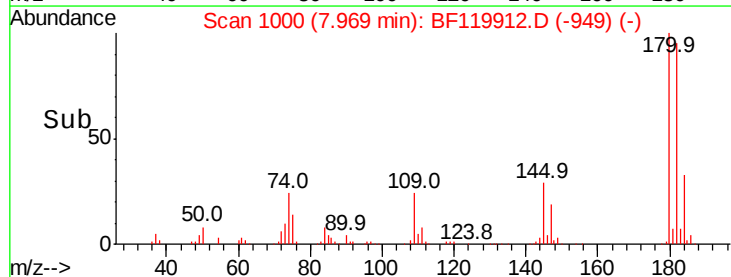
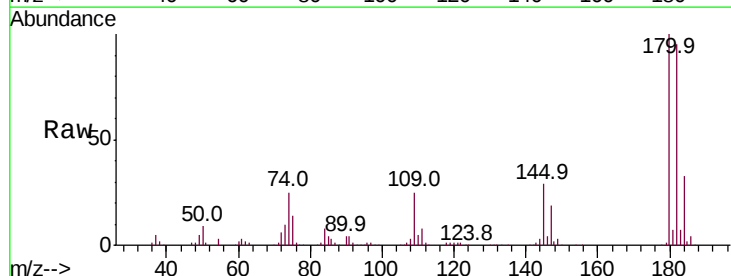
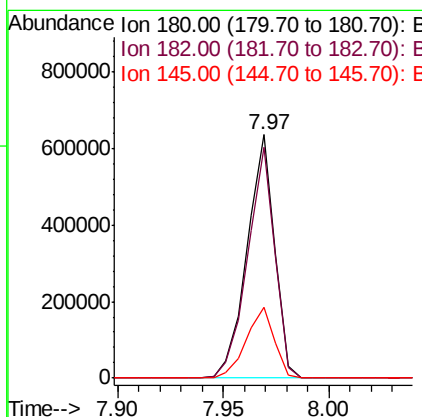
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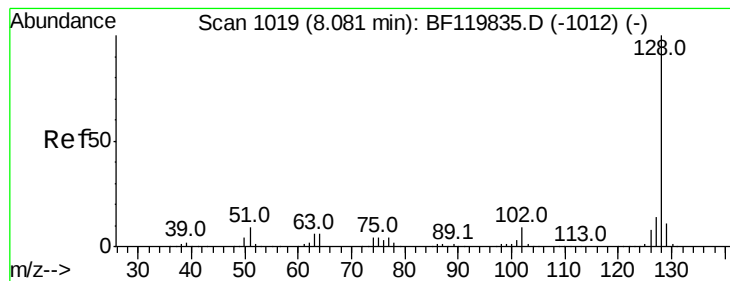
mohammad
 4/14/2020 3:38:20 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.305 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF119912.D
 Acq: 13 Apr 2020 12:53

Tgt Ion:	180	Resp:	573890
Ion Ratio	Lower	Upper	
180	100		
182	94.9	75.4	113.0
145	29.2	24.6	37.0





#31

Naphthalene

Concen: 41.289 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF119912.D

Acq: 13 Apr 2020 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1773683

Ion Ratio Lower Upper

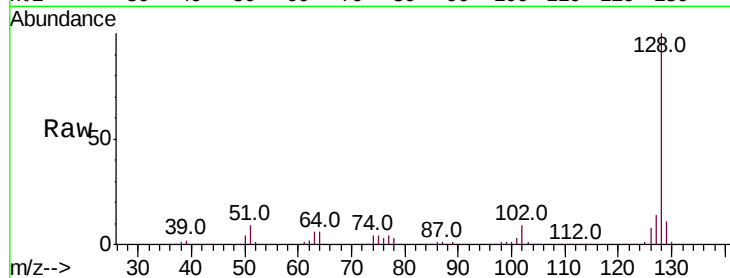
128 100

129 11.3 9.0 13.6

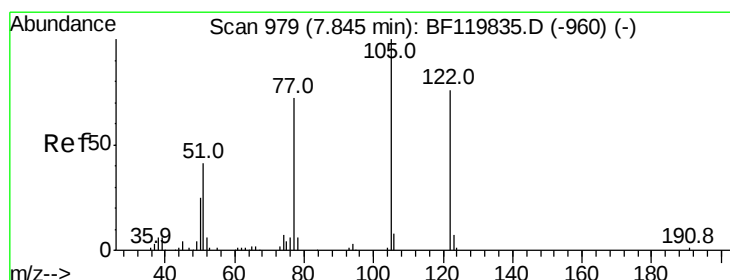
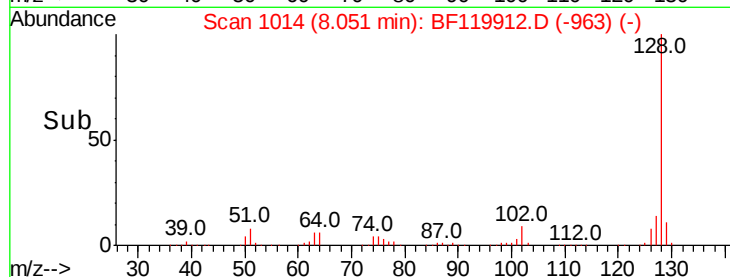
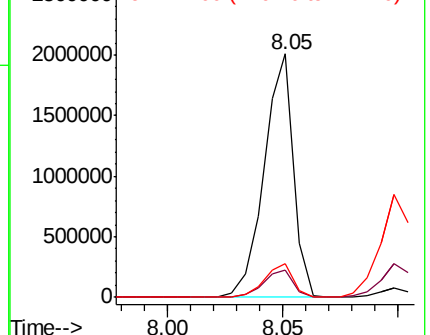
127 13.7 11.0 16.4

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



#32

Benzoic acid

Concen: 43.291 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF119912.D

Acq: 13 Apr 2020 12:53

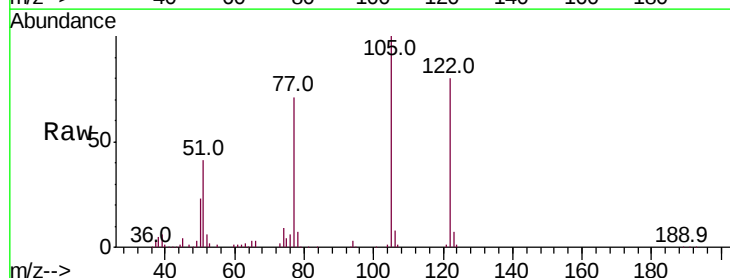
Tgt Ion:122 Resp: 454826

Ion Ratio Lower Upper

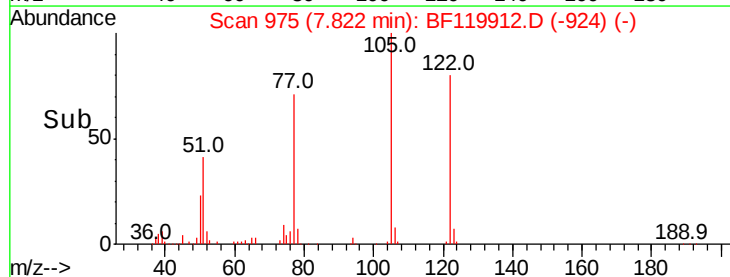
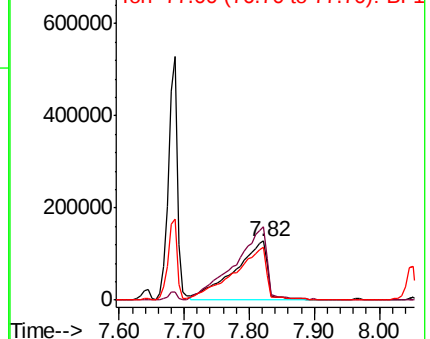
122 100

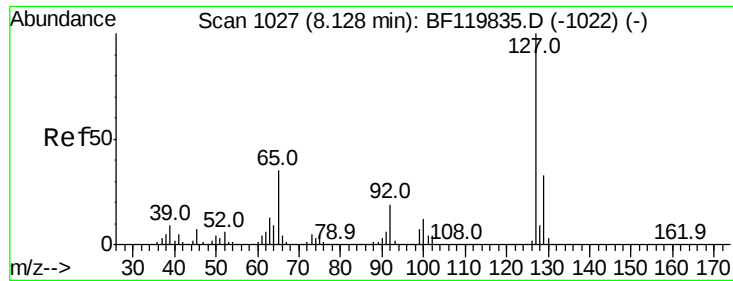
105 124.7 106.7 146.7

77 89.1 72.1 112.1



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





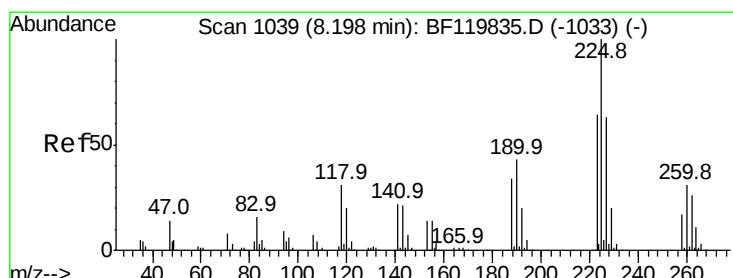
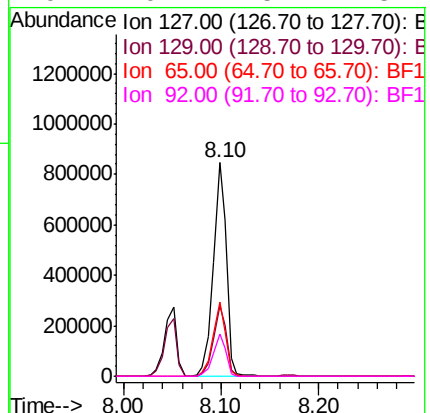
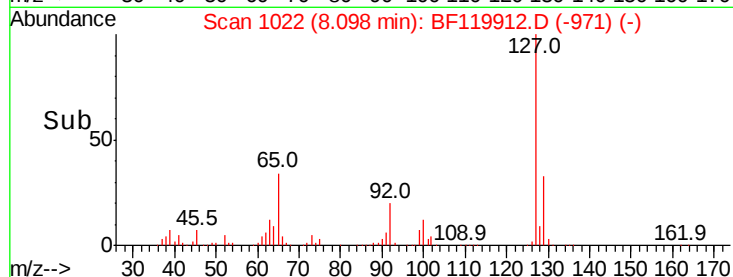
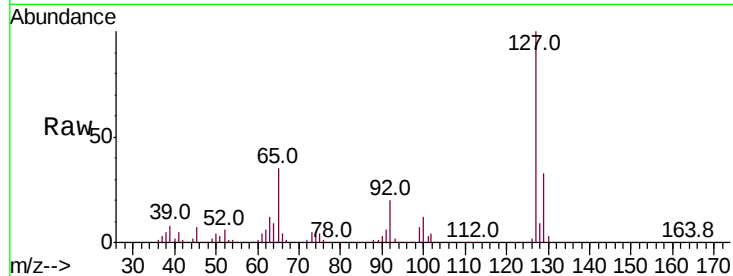
#33
4-Chloroaniline
Concen: 42.050 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	26.2	39.2	
65	34.7	28.3	42.5	
92	19.7	15.4	23.2	

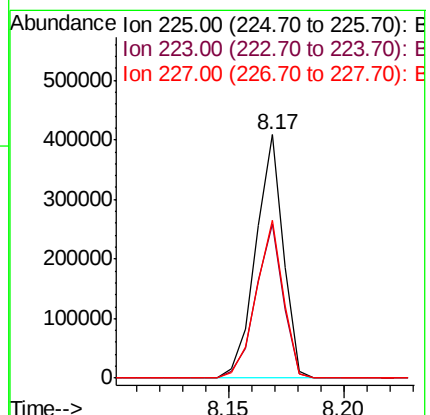
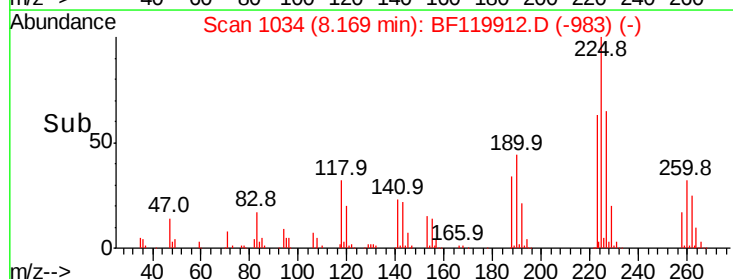
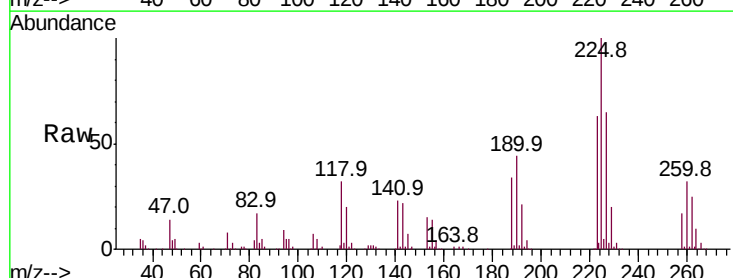
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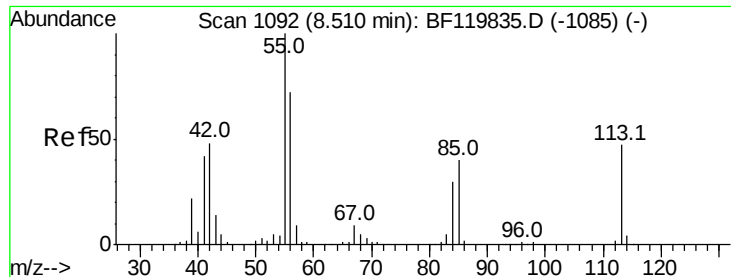
mohammad
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#34
Hexachlorobutadiene
Concen: 40.782 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	51.0	76.6	
227	64.6	50.4	75.6	





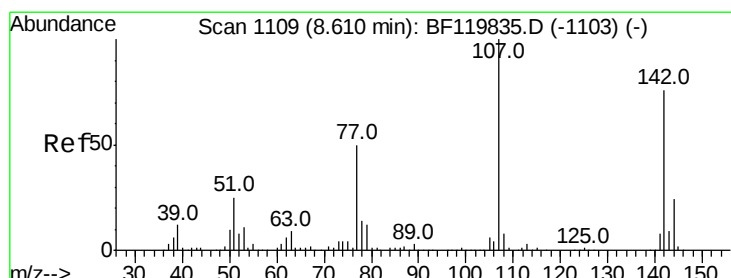
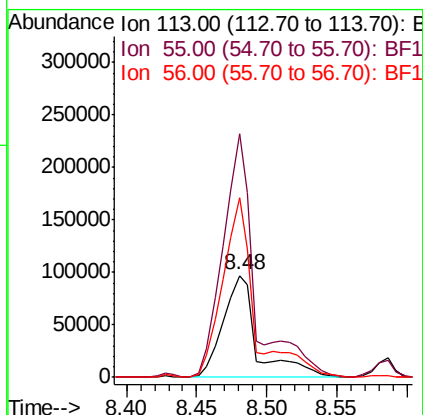
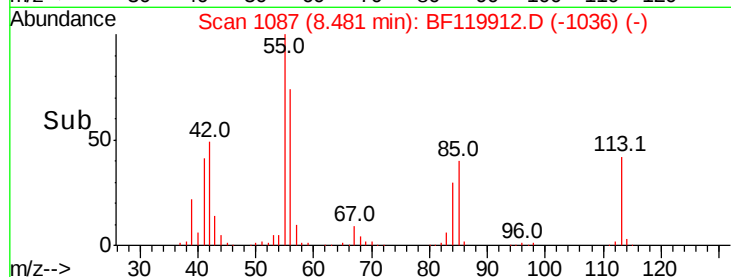
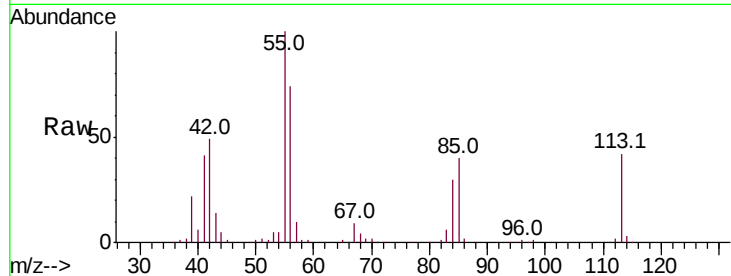
#35
 Caprolactam
 Concen: 43.721 ng/ml
 RT: 8.48 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF119912.D
 Acq: 13 Apr 2020 12:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	239.0	192.7	232.7#	
56	175.8	133.3	173.3#	

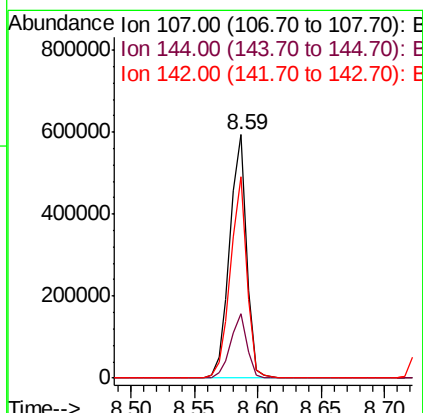
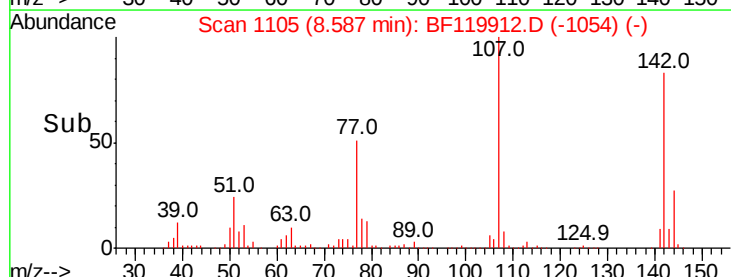
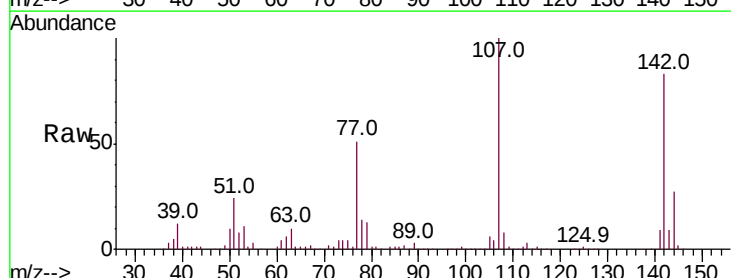
Manual Integrations
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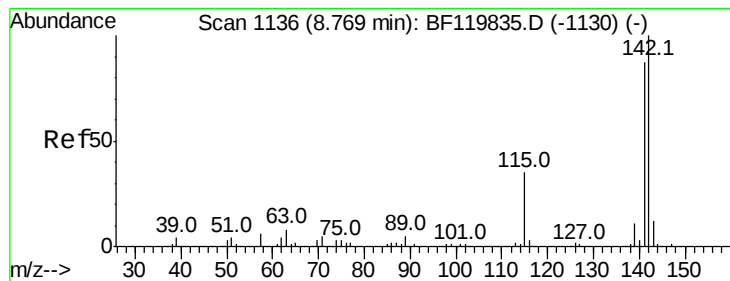
mohammad
 4/14/2020 3:38:20 PM



#36
 4-Chloro-3-methylphenol
 Concen: 41.335 ng/ml
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF119912.D
 Acq: 13 Apr 2020 12:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.7	19.5	29.3	
142	82.6	60.5	90.7	





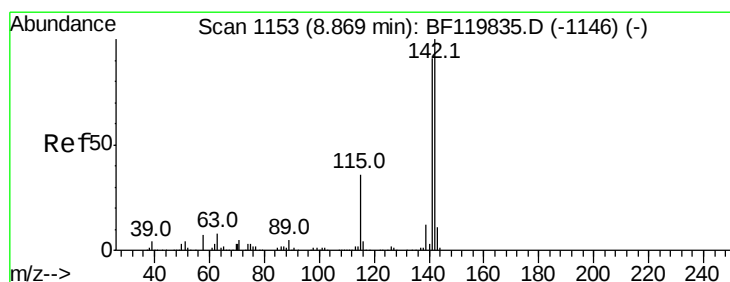
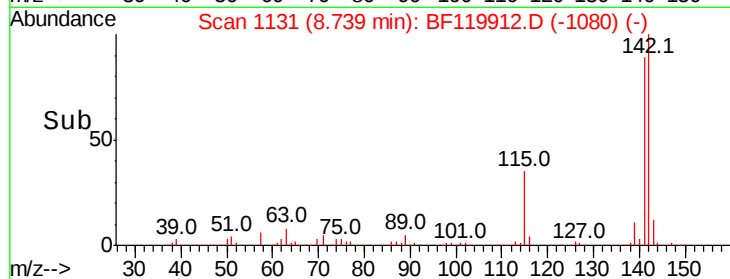
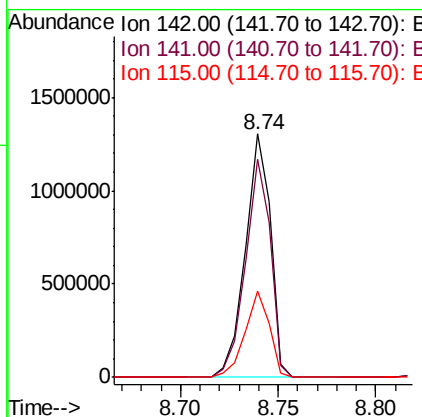
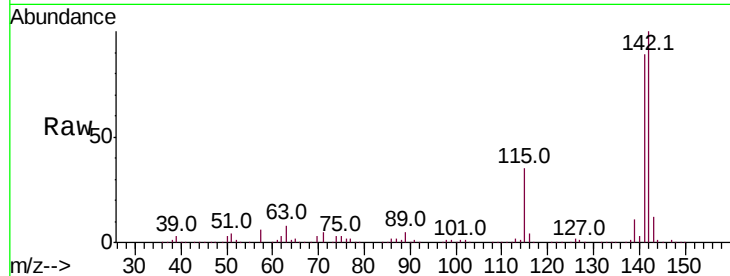
#37
2-Methylnaphthalene
Concen: 40.117 ng
RT: 8.74 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	69.9	104.9
115	35.2	28.0	42.0

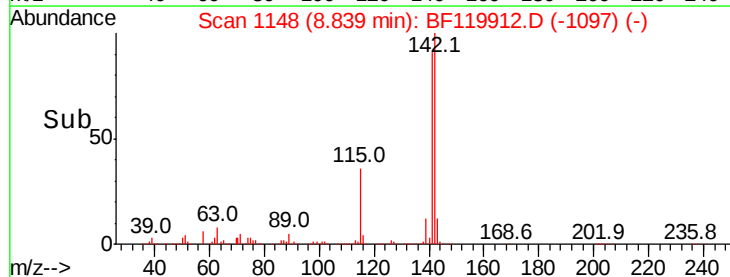
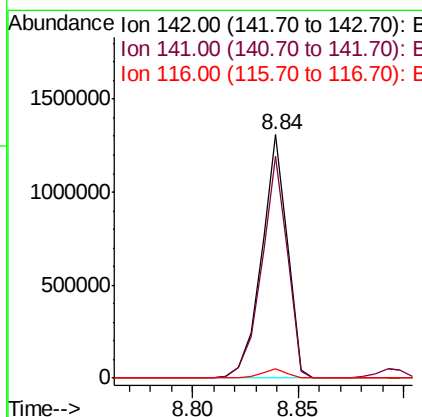
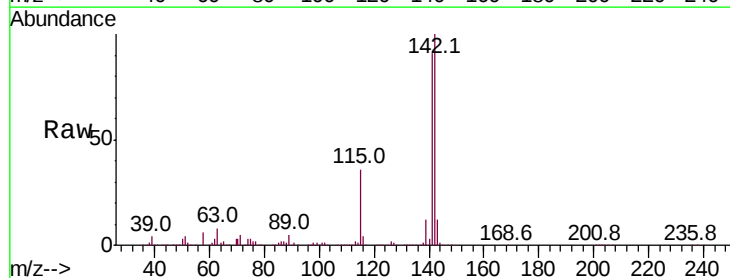
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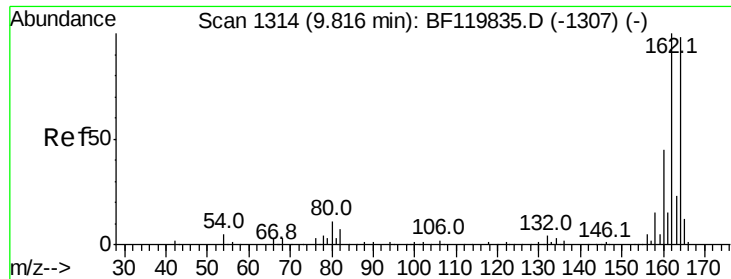
mohammad
4/14/2020 3:38:20 PM



#38
1-Methylnaphthalene
Concen: 40.095 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.9	109.3
116	3.9	3.0	4.6





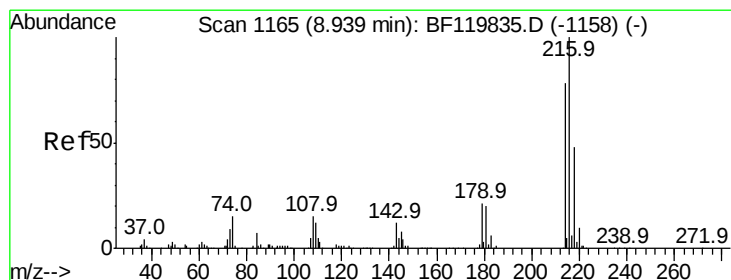
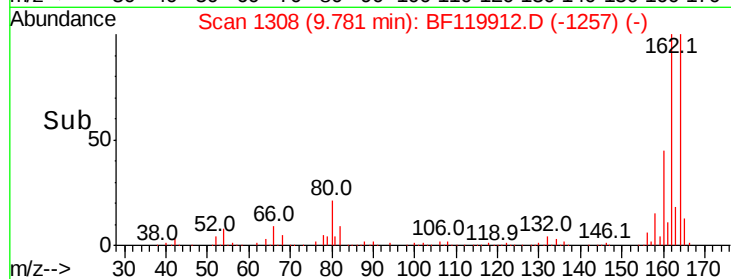
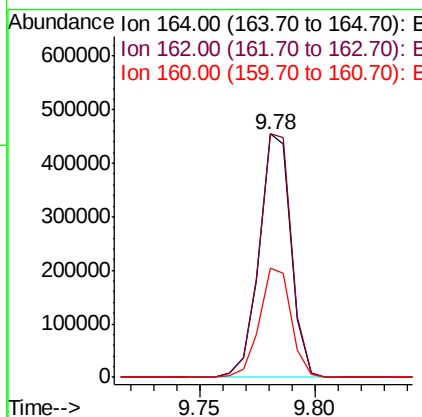
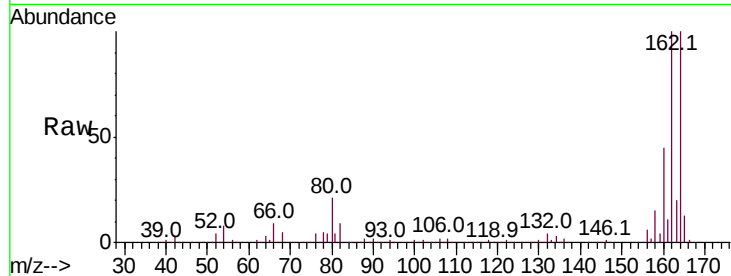
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.9	122.9
160	44.7	36.6	54.8

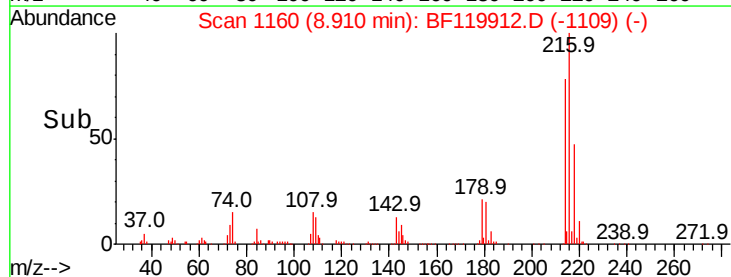
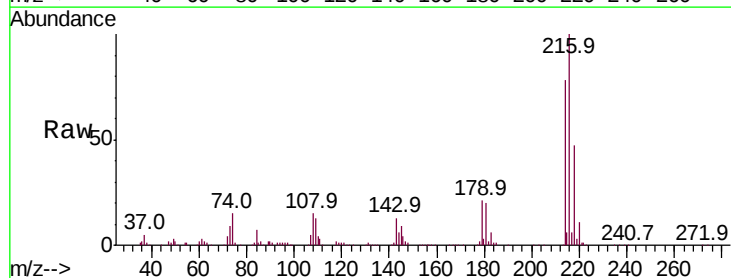
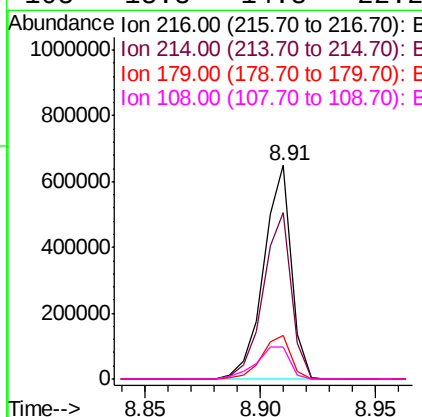
Manual Integrations
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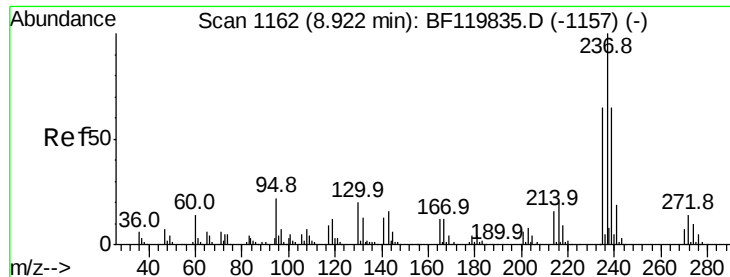
mohammad
4/14/2020 3:38:20 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.510 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.1	94.7
179	21.2	17.0	25.4
108	18.8	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 48.068 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF119912.D

Acq: 13 Apr 2020 12:53

Instrument :

BNA_F

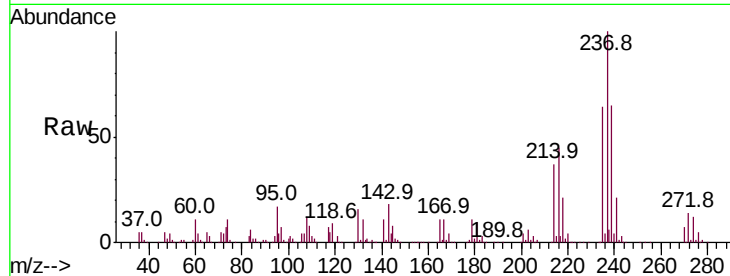
ClientSampleId :

SSTDCCC040

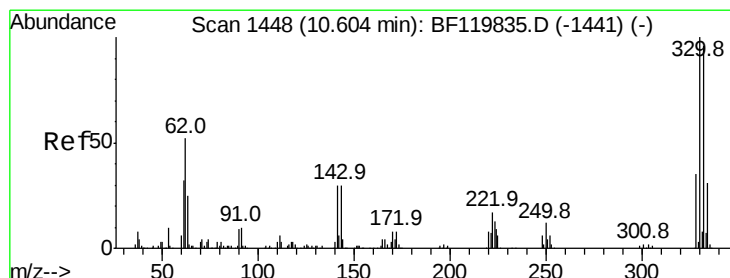
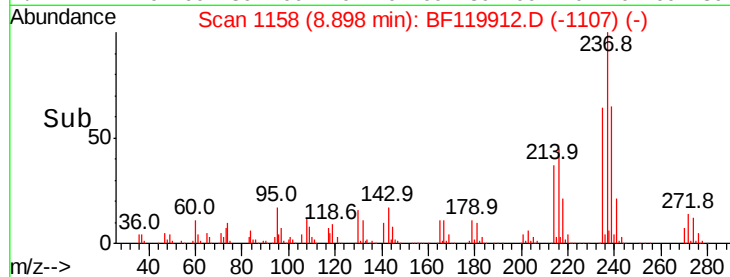
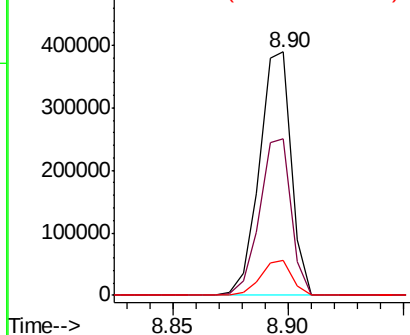
Tot Ion:	237	Resp:	374834
Ion Ratio	Lower	Upper	
237	100		
235	64.2	44.9	84.9
272	14.4	0.0	33.6

Manual Integrations
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mohammad
4/14/2020 3:38:20 PM



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: 81.479 ng

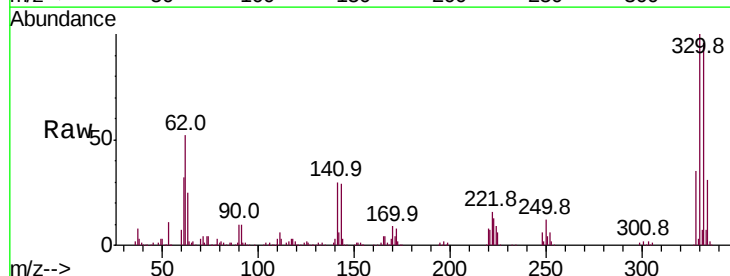
RT: 10.57 min Scan# 1443

Delta R.T. 0.00 min

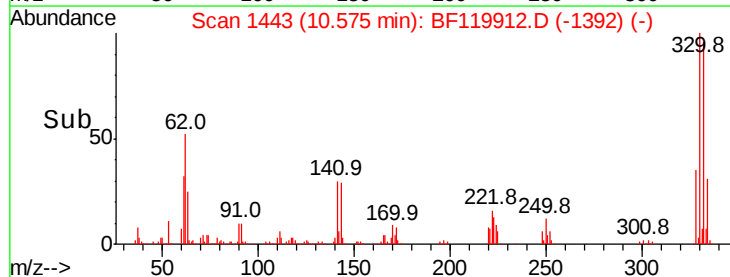
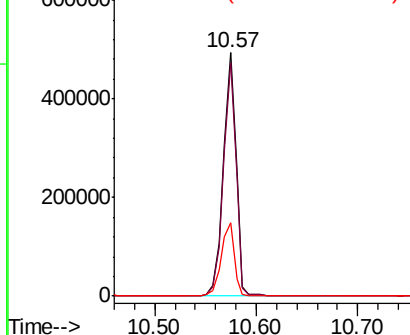
Lab File: BF119912.D

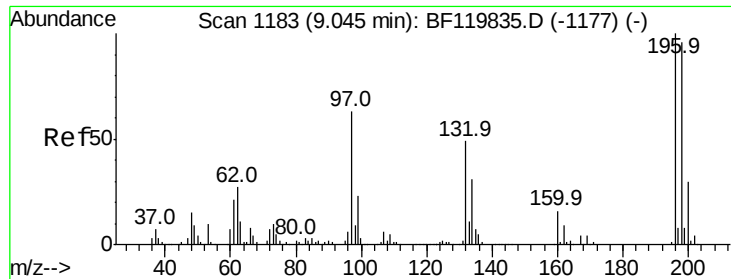
Acq: 13 Apr 2020 12:53

Tgt Ion:	330	Resp:	433141
Ion Ratio	Lower	Upper	
330	100		
332	95.0	76.8	115.2
141	31.0	25.1	37.7



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





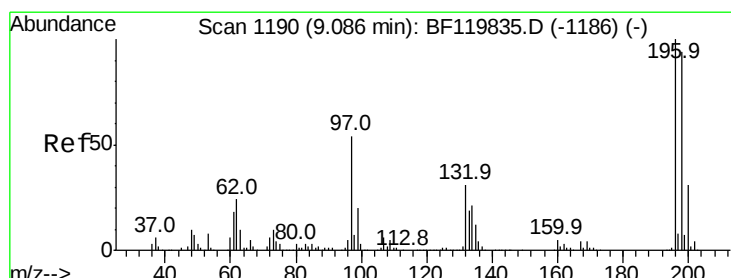
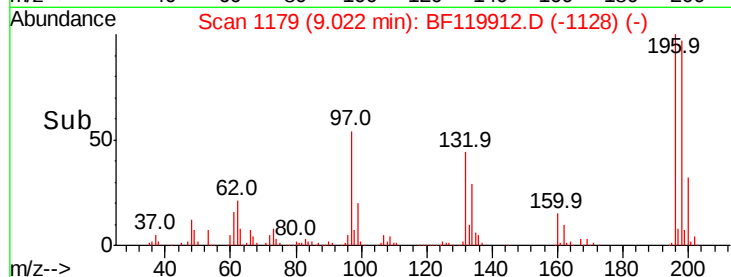
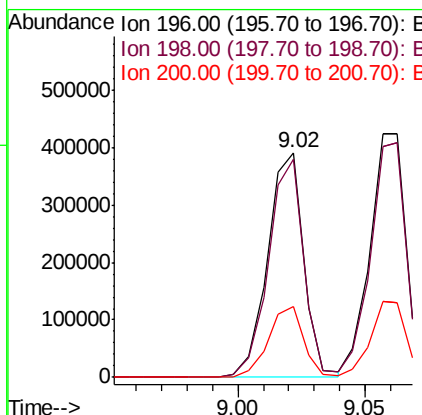
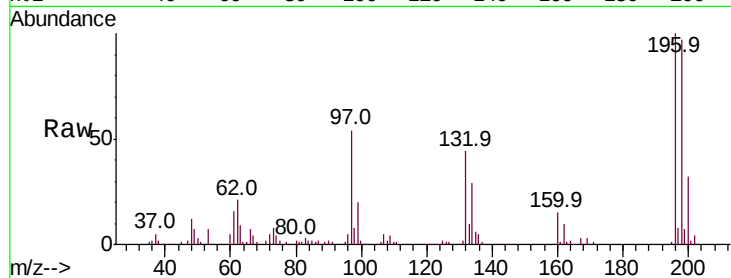
#43
 2,4,6-Trichlorophenol
 Concen: 40.639 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF119912.D
 Acq: 13 Apr 2020 12:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	384849		
198	97.2	76.6	115.0	
200	31.6	24.2	36.2	

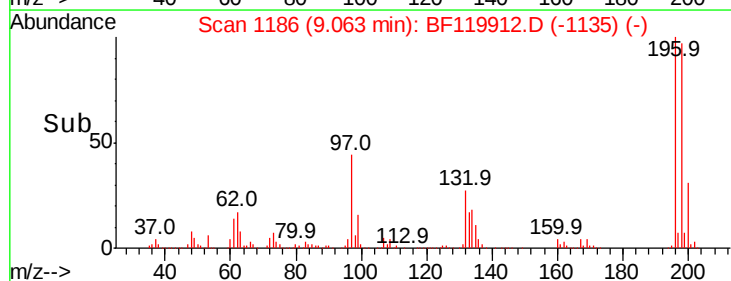
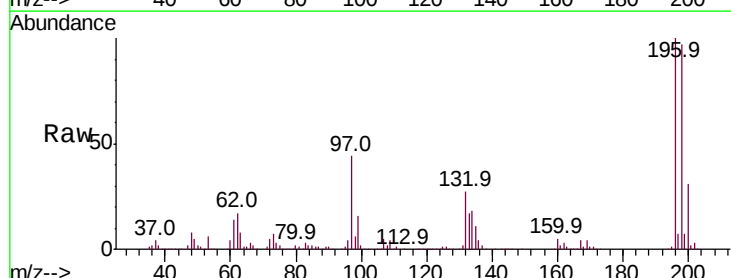
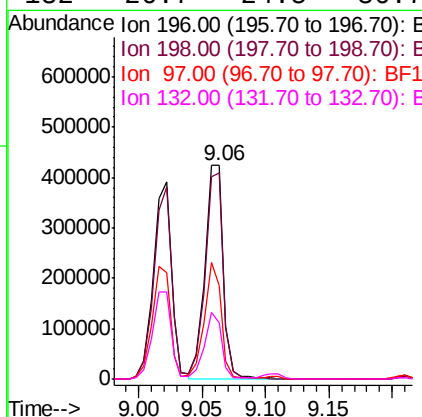
Manual Integrations
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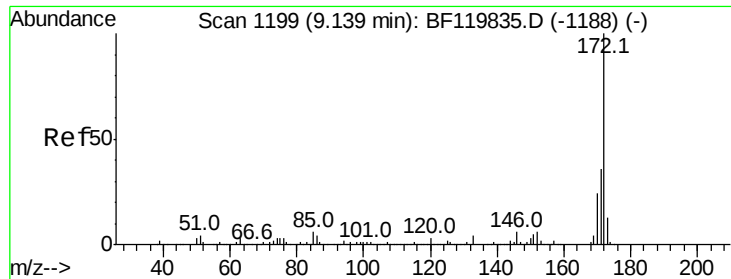
mohammad
 4/14/2020 3:38:20 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.240 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF119912.D
 Acq: 13 Apr 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	429193		
198	96.6	75.1	112.7	
97	44.0	43.4	65.2	
132	26.7	24.5	36.7	





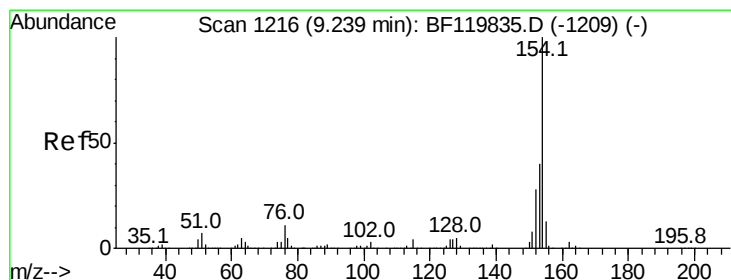
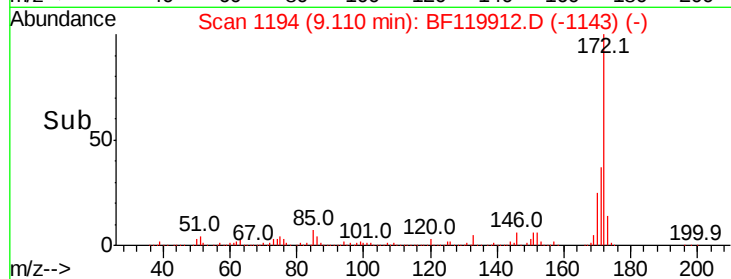
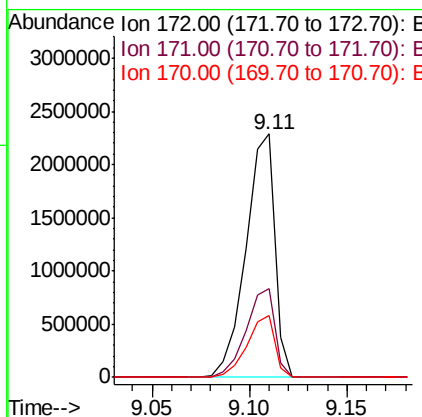
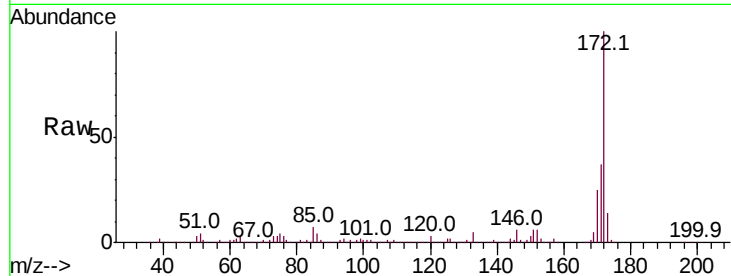
#45
2-Fluorobiphenyl
Concen: 76.851 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	25.4	19.4	29.2

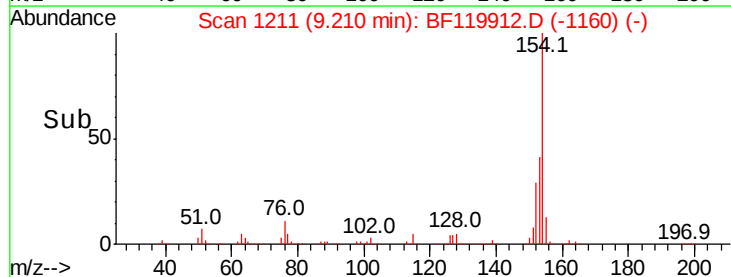
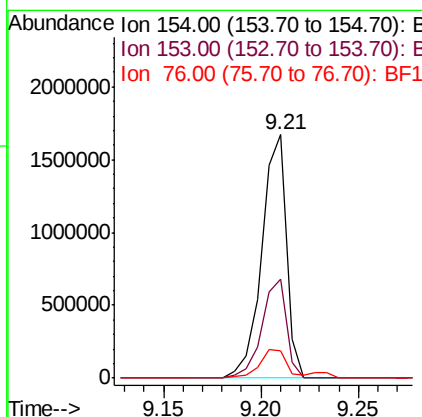
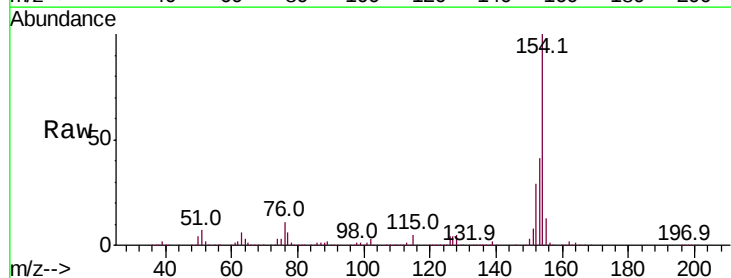
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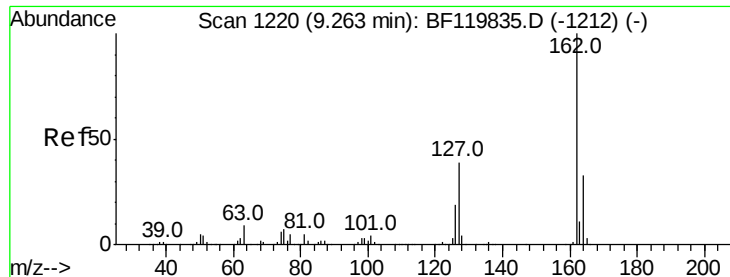
mohammad
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#46
1,1'-Biphenyl
Concen: 39.970 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.5	60.5
76	11.2	0.0	30.6





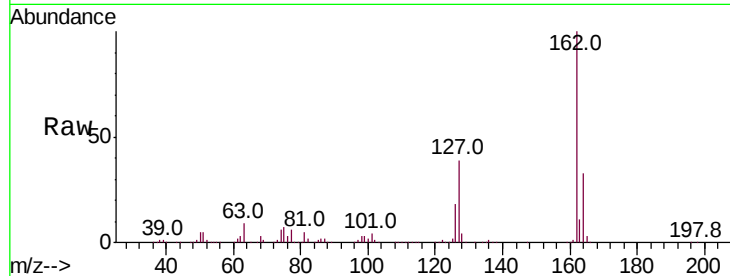
#47
2-Chloronaphthalene
Concen: 40.259 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.2	46.8
164	33.4	26.3	39.5

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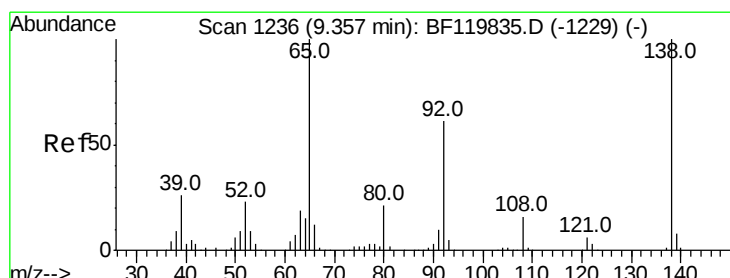
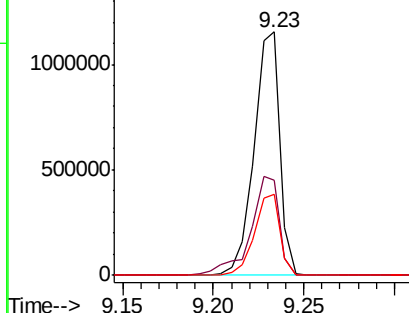
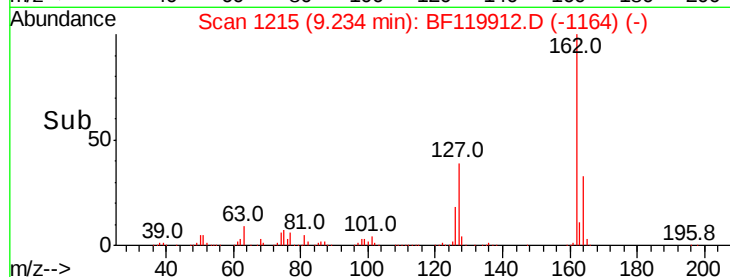


Abundance

Ion 162.00 (161.70 to 162.70): E

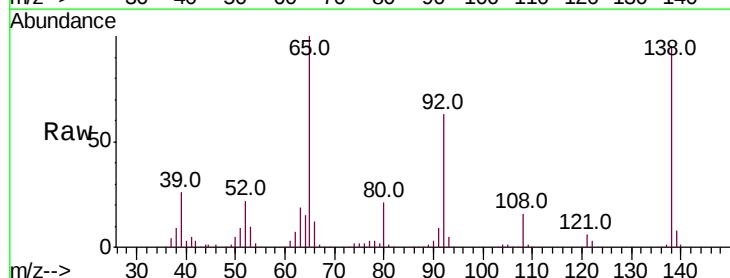
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 41.494 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.3	49.0	73.6
138	95.3	79.7	119.5

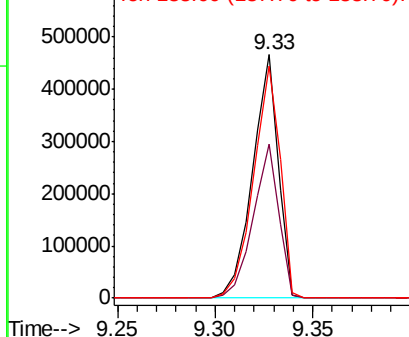
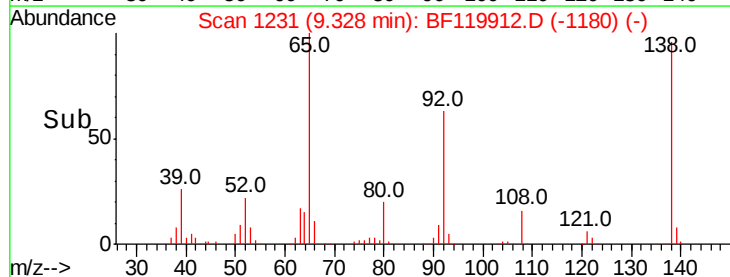


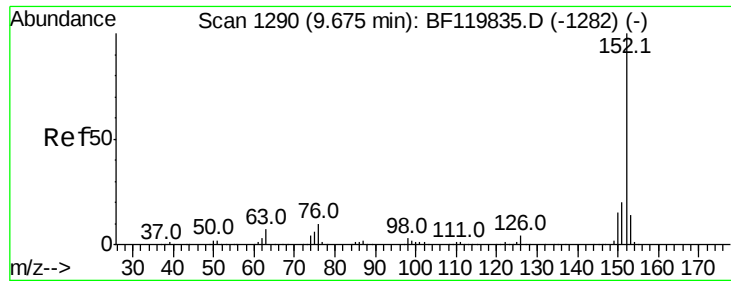
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.683 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF119912.D

Acq: 13 Apr 2020 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1746716

Ion Ratio Lower Upper

152 100

151 21.0 16.2 24.4

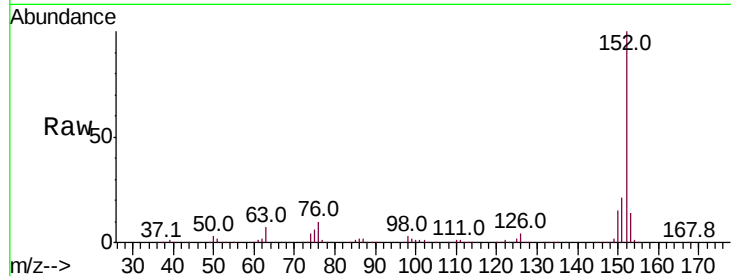
153 13.7 10.9 16.3

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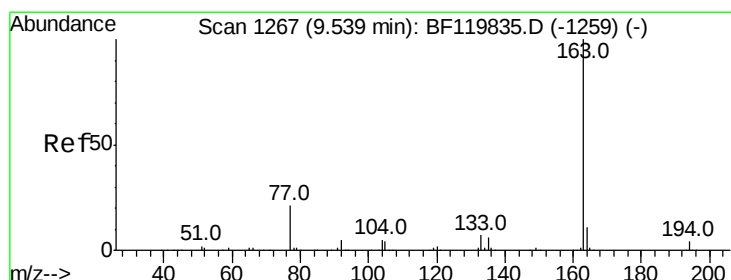
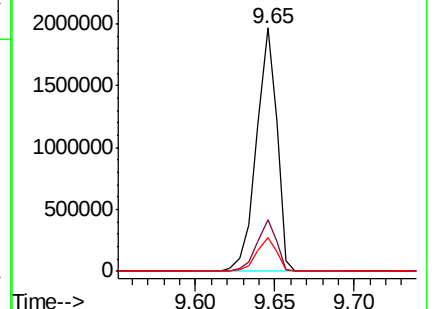
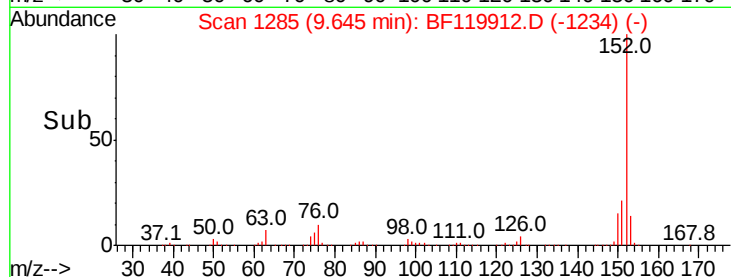
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.805 ng

RT: 9.52 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BF119912.D

Acq: 13 Apr 2020 12:53

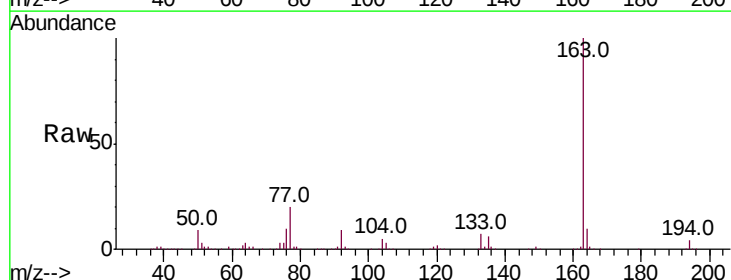
Tgt Ion:163 Resp: 1336807

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

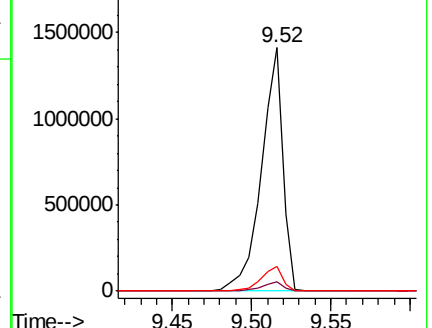
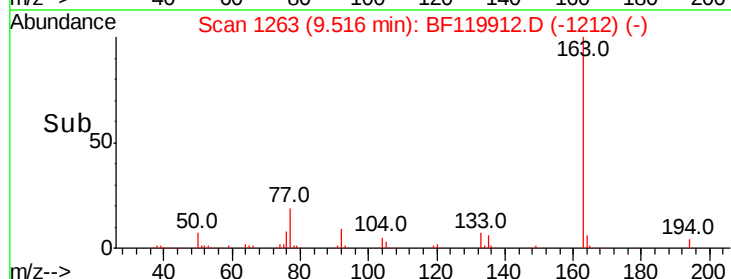
164 10.1 8.4 12.6

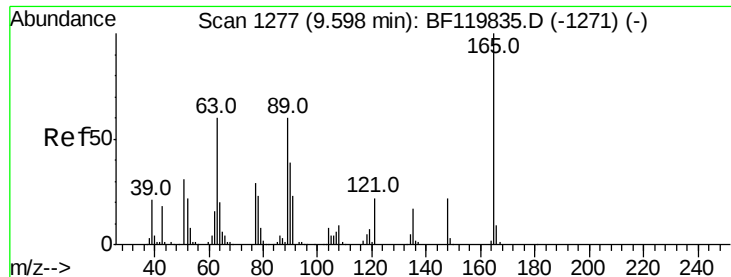


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





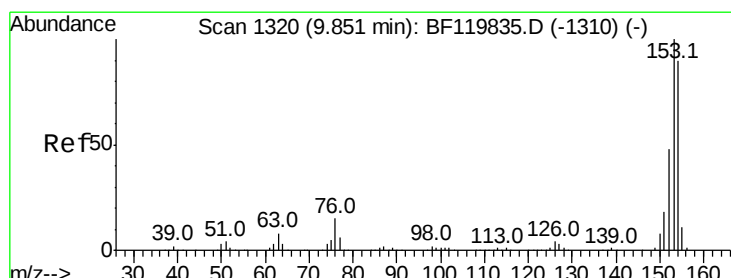
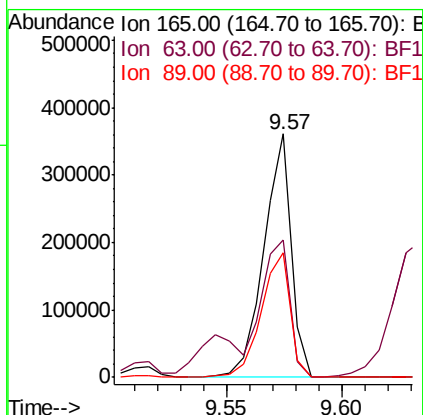
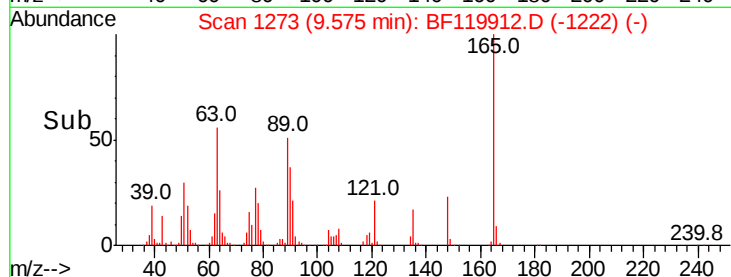
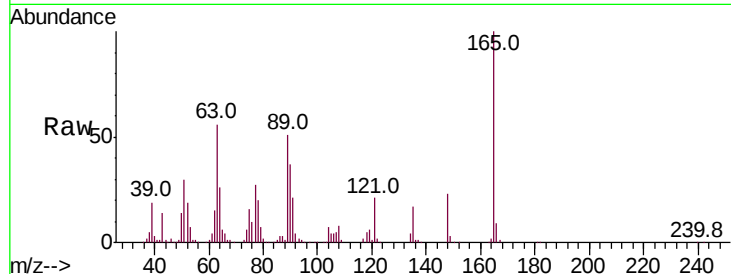
#51
2,6-Dinitrotoluene
Concen: 40.616 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	298707		
63	56.5		55.6	83.4
89	51.1		47.9	71.9

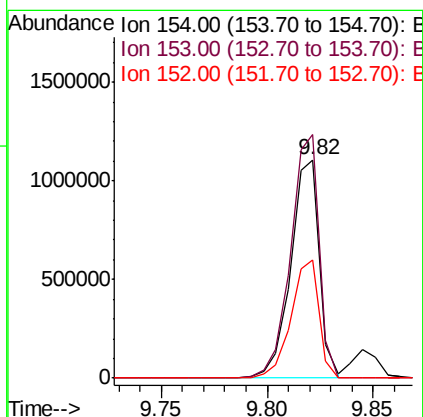
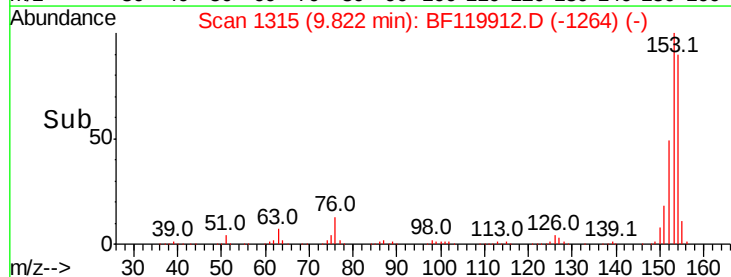
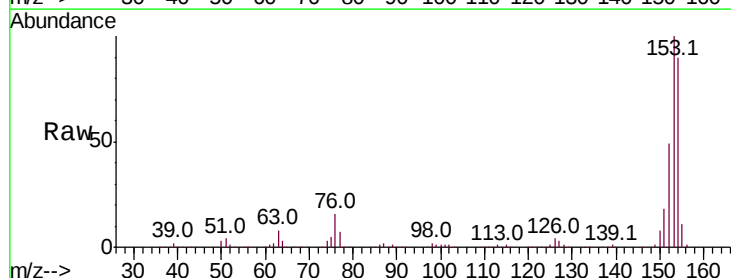
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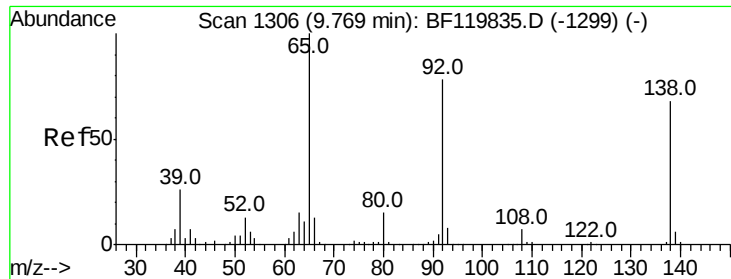
mohammad
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#52
Acenaphthene
Concen: 36.576 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1047551		
153	111.5		88.8	133.2
152	54.2		42.4	63.6





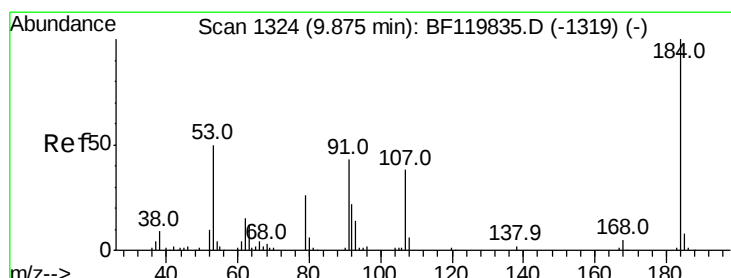
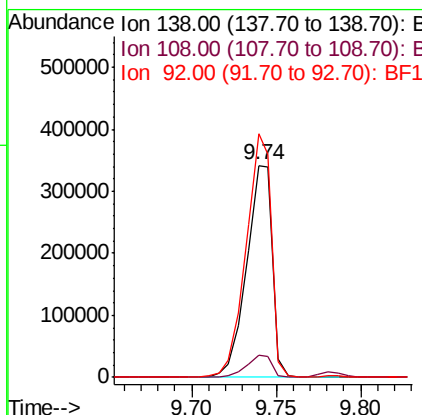
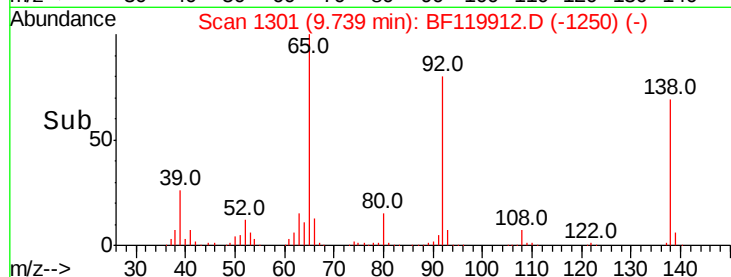
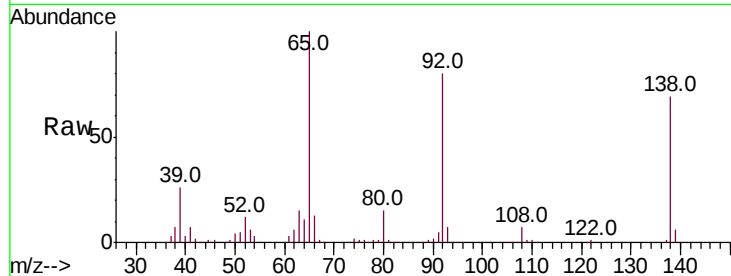
#53
3-Nitroaniline
Concen: 43.325 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.0	12.0
92	115.0	92.1	138.1

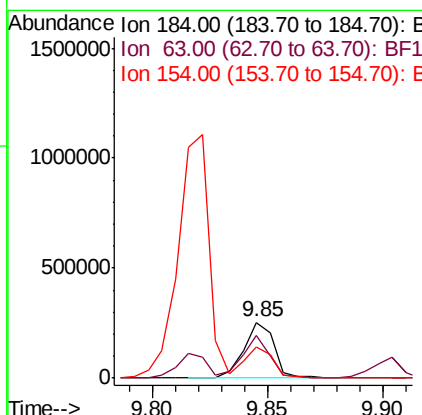
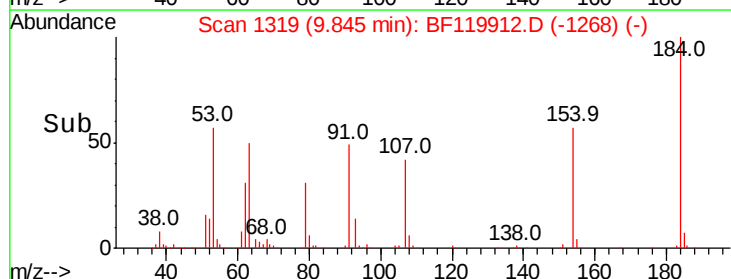
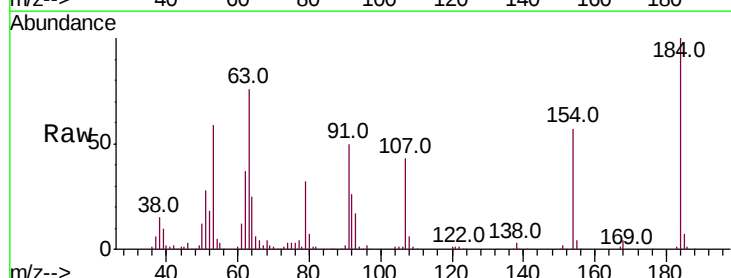
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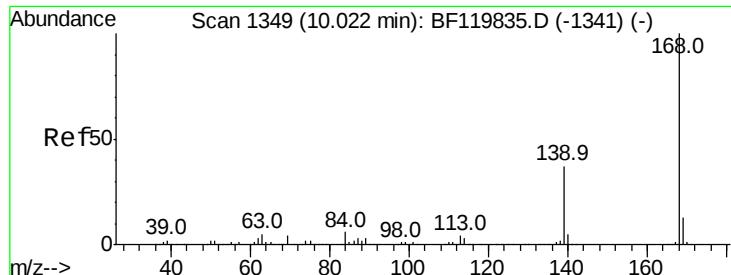
mohammad
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#54
2,4-Dinitrophenol
Concen: 53.070 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	75.7	49.8	74.6#
154	56.8	46.5	69.7





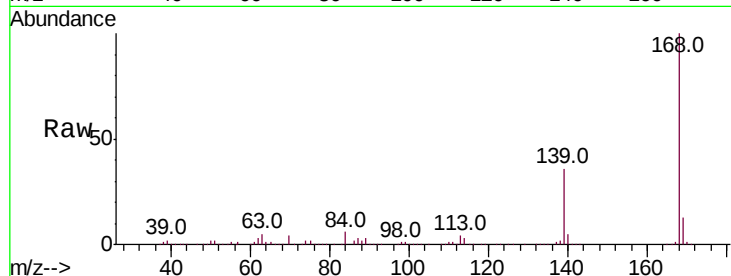
#55
Dibenzenofuran
Concen: 40.551 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

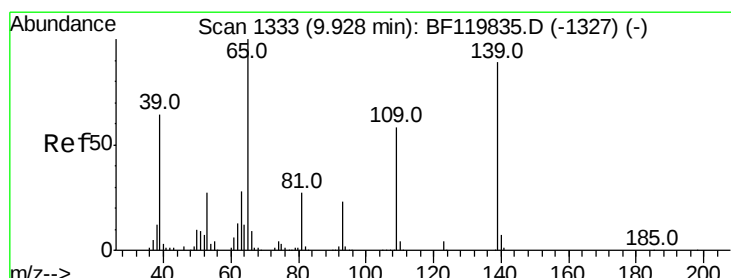
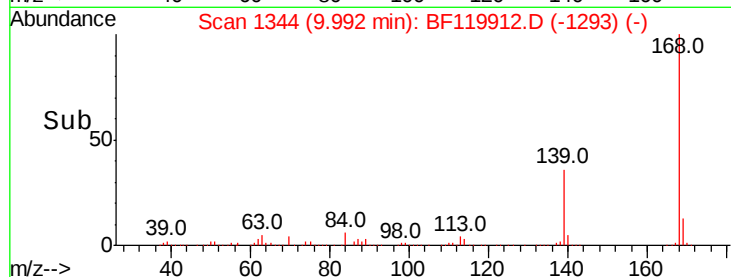
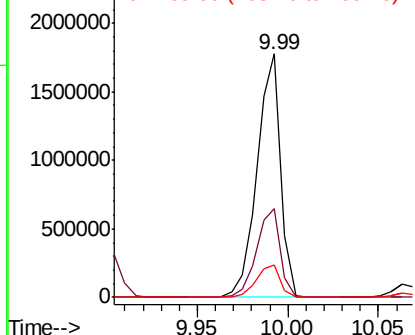
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.3	29.8	44.6
169	13.4	10.6	15.8

Manual Integrations
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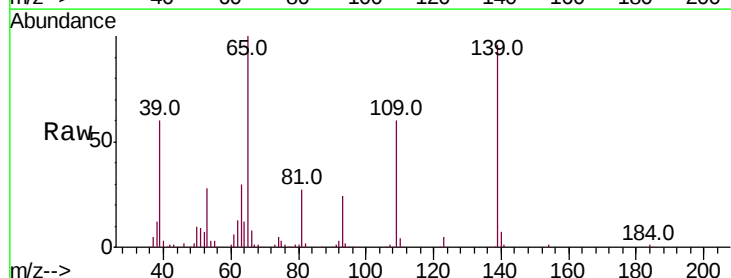


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

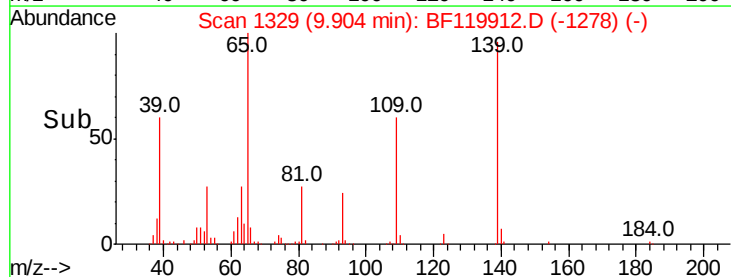
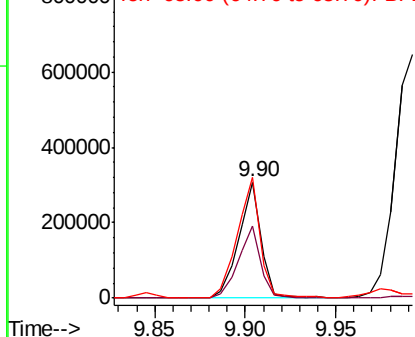


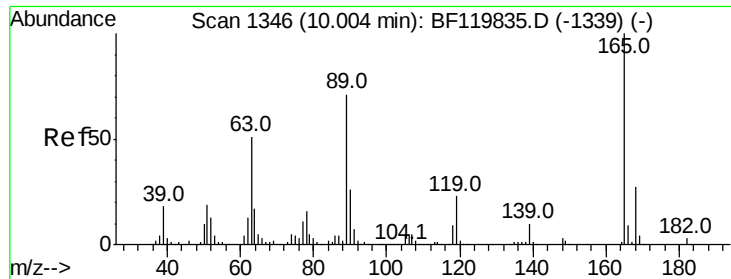
#56
4-Nitrophenol
Concen: 42.250 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.6	45.5	85.5
65	104.1	92.3	132.3



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





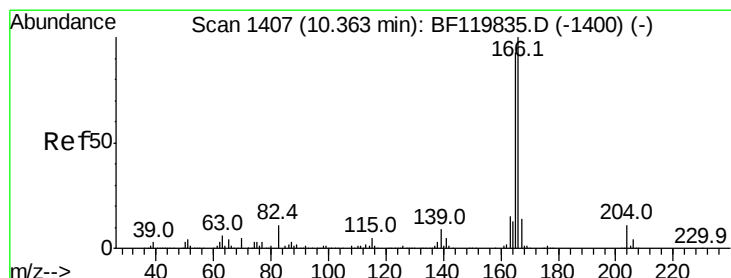
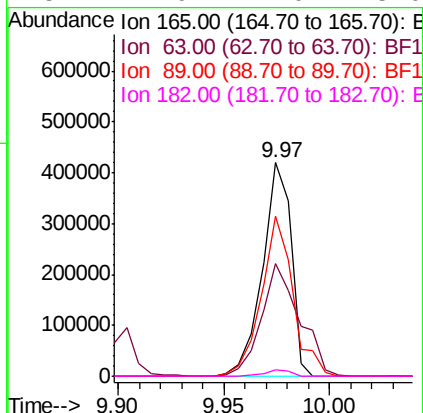
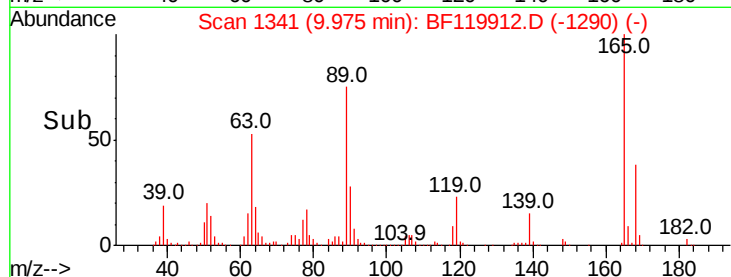
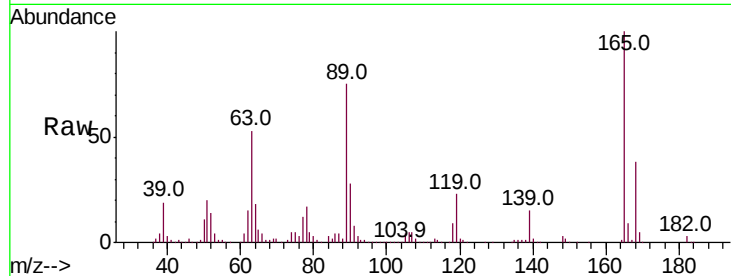
#57
2,4-Dinitrotoluene
Concen: 41.012 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	397385		
63	52.6	40.8	61.2	
89	75.1	56.9	85.3	
182	2.9	2.0	3.0	

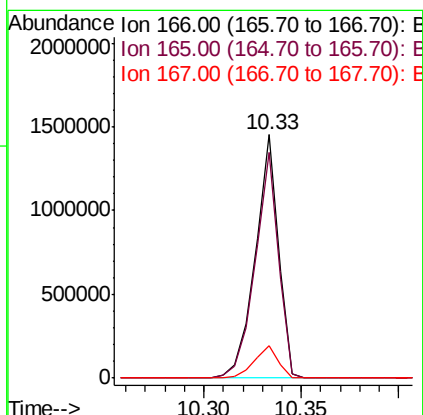
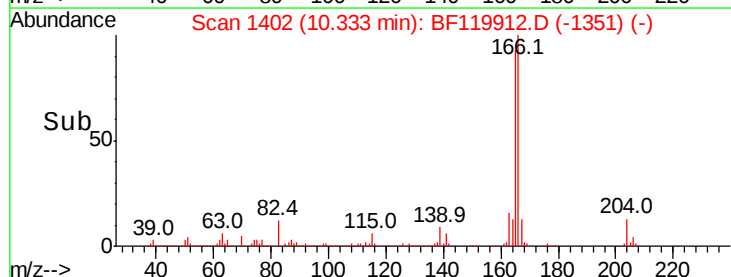
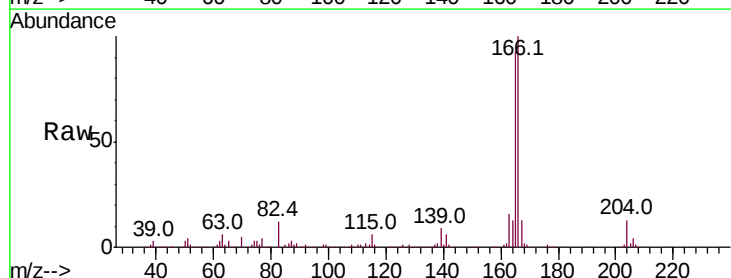
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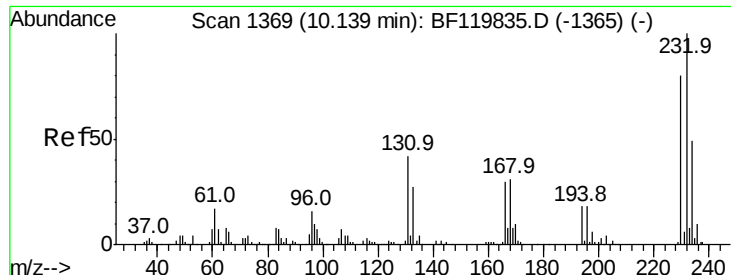
mohammad
4/14/2020 3:38:20 PM



#58
Fluorene
Concen: 37.889 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1190918		
165	92.9	74.2	111.2	
167	13.1	10.8	16.2	





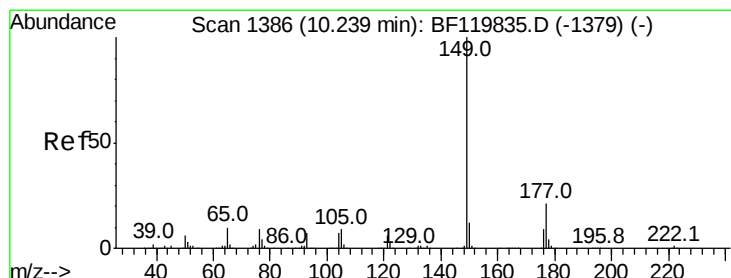
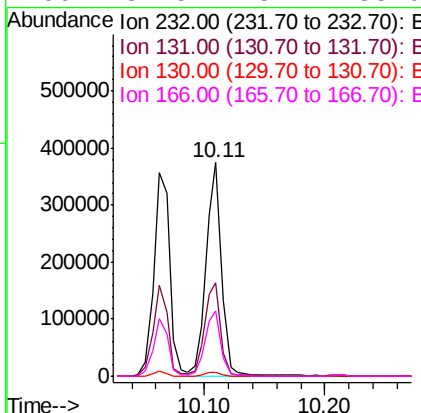
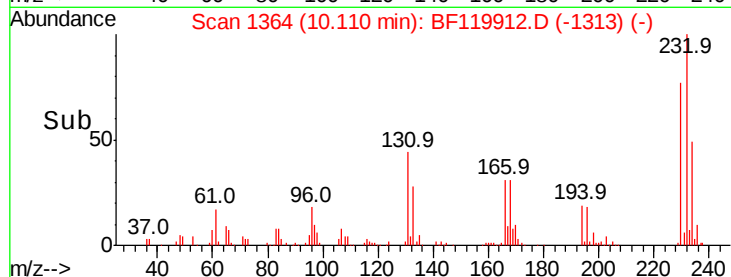
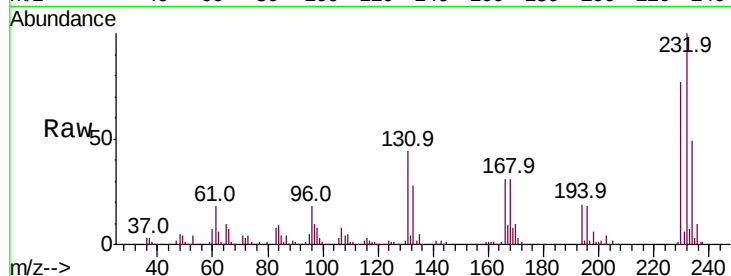
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.336 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: BF119912.D
 Acq: 13 Apr 2020 12:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.3	37.9	56.9
130	2.1	1.8	2.6
166	31.5	25.4	38.0

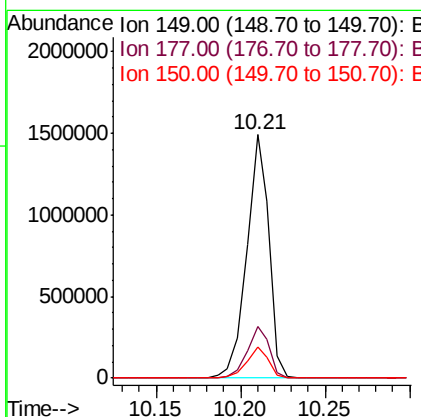
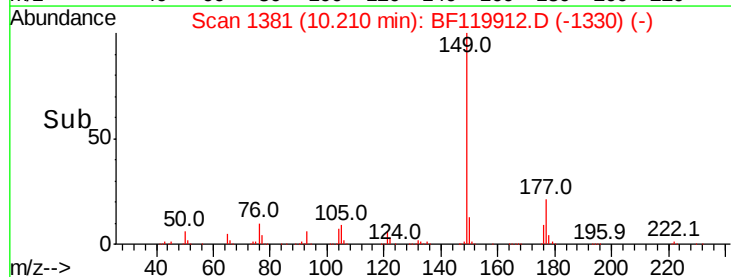
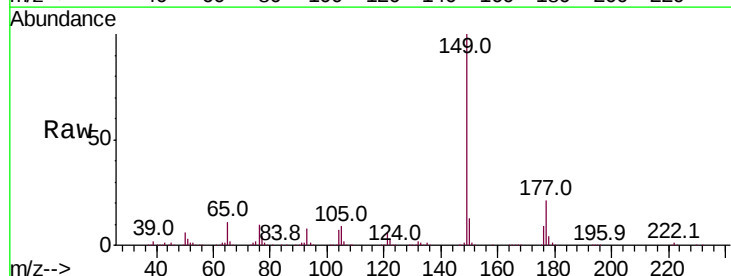
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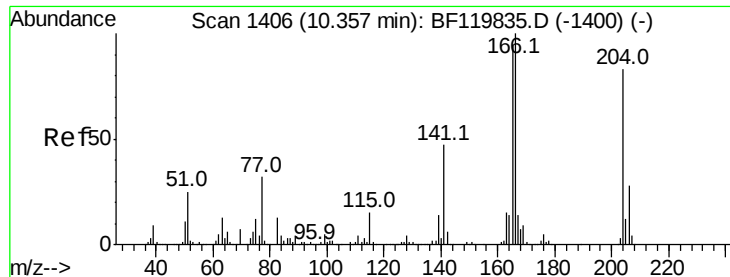
mohammad
 4/14/2020 3:38:20 PM



#60
 Diethylphthalate
 Concen: 39.212 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF119912.D
 Acq: 13 Apr 2020 12:53

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.8	25.2
150	12.7	9.8	14.6





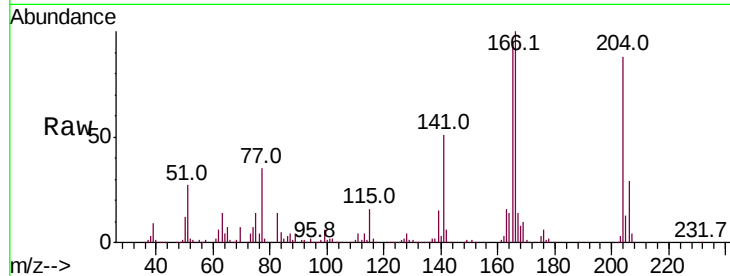
#61
4-Chlorophenyl-phenylether
Concen: 37.244 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

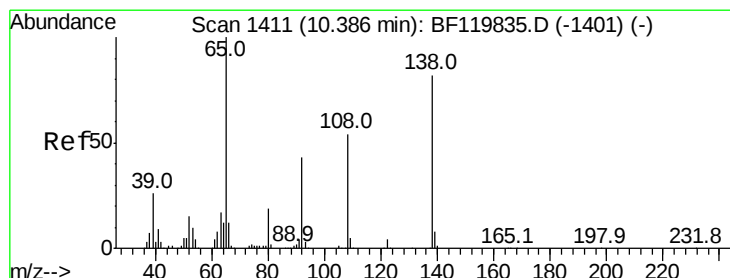
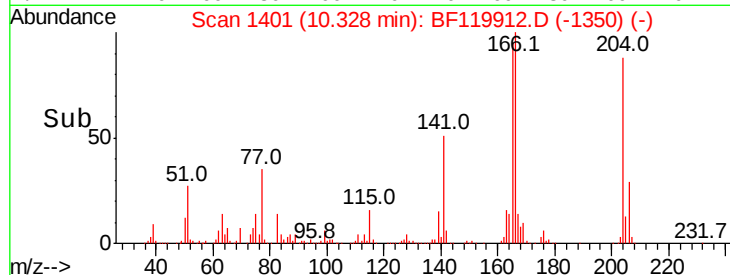
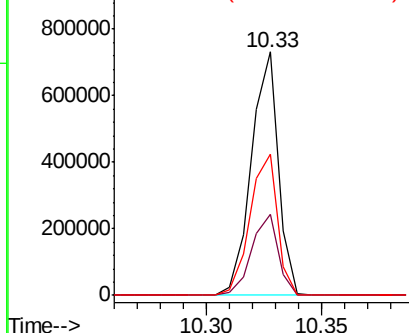
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.7	40.1
141	57.9	45.8	68.8

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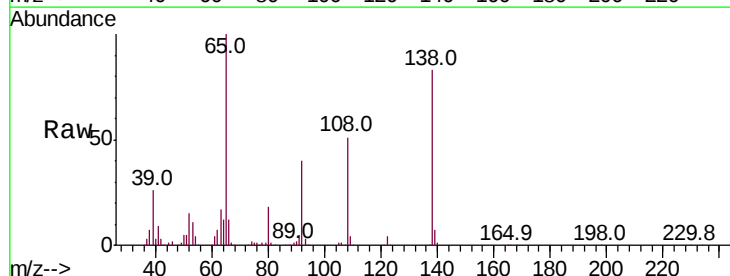


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

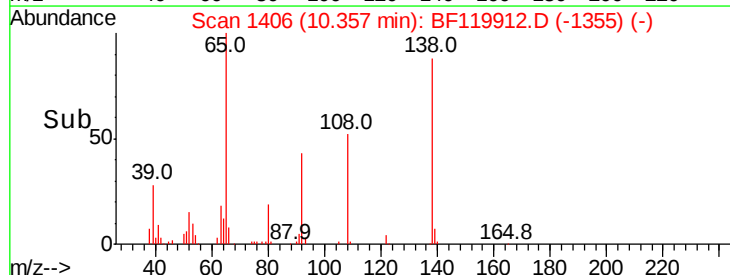
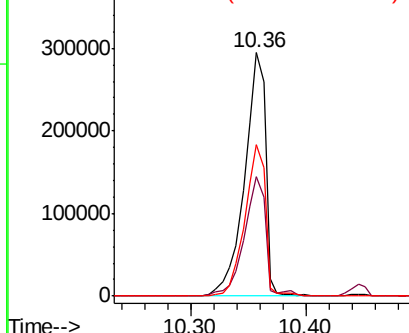


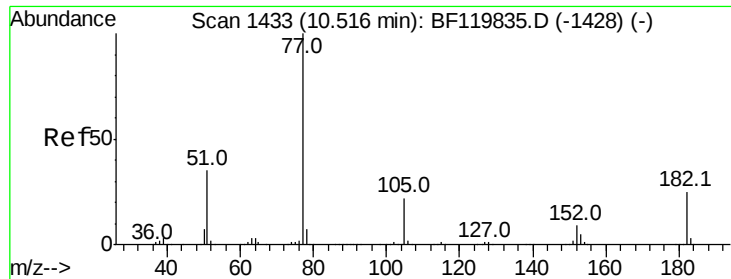
#62
4-Nitroaniline
Concen: 46.418 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	31.6	71.6
108	62.1	45.2	85.2



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





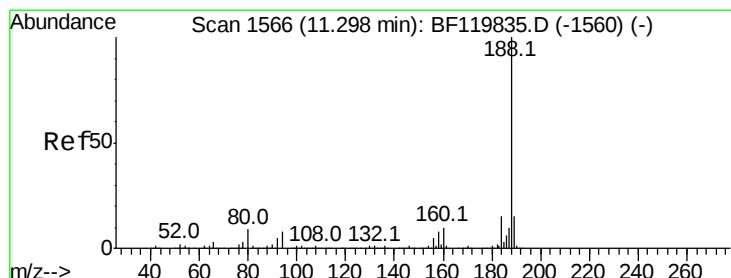
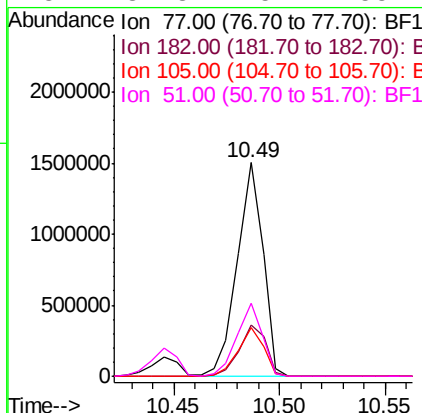
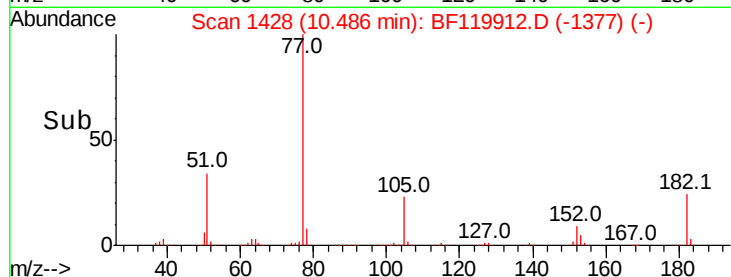
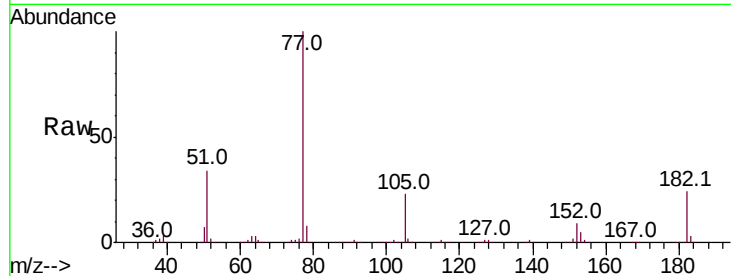
#63
Azobenzene
Concen: 40.739 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.0	4.5	44.5
105	22.7	2.2	42.2
51	34.3	15.1	55.1

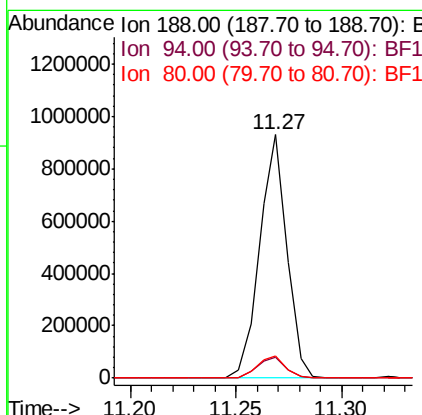
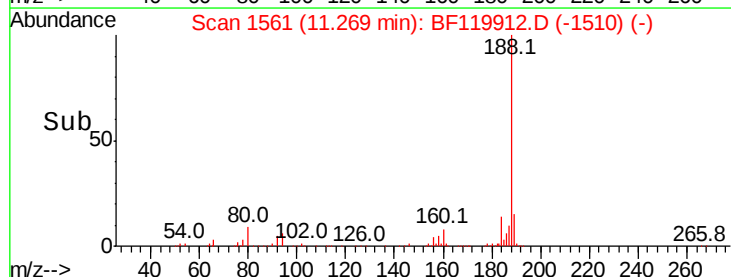
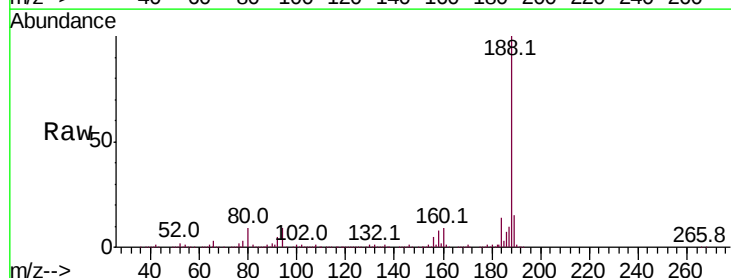
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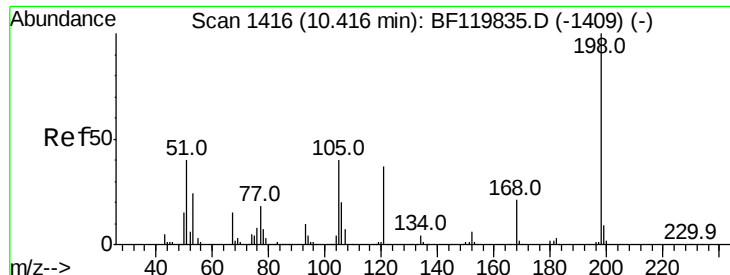
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.7	10.1
80	9.2	7.4	11.2





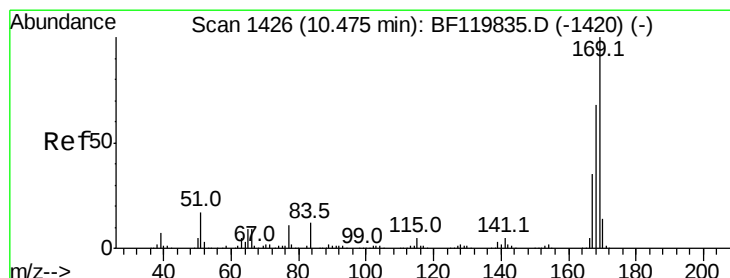
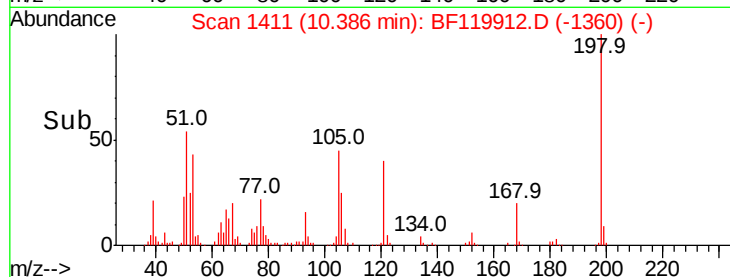
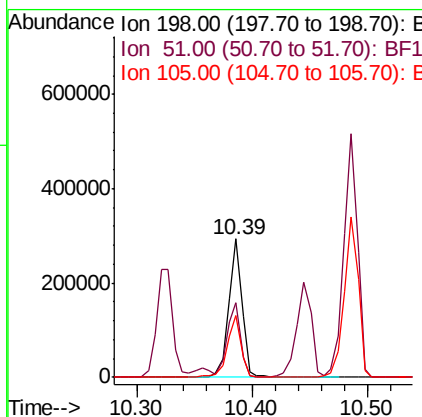
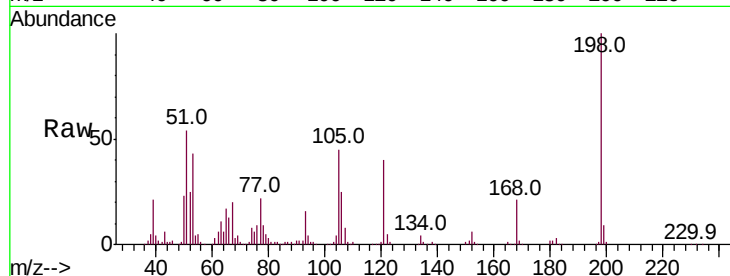
#65
4,6-Dinitro-2-methylphenol
Concen: 42.766 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	234928		
51	54.3	25.2	65.2	
105	44.6	20.8	60.8	

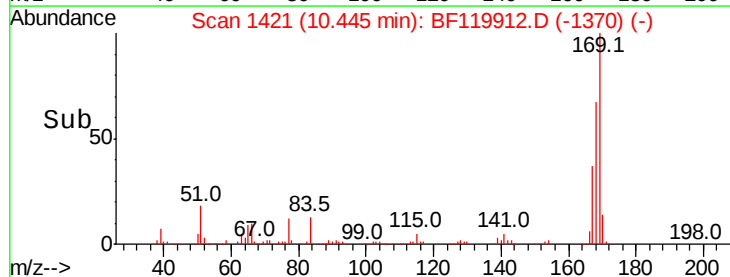
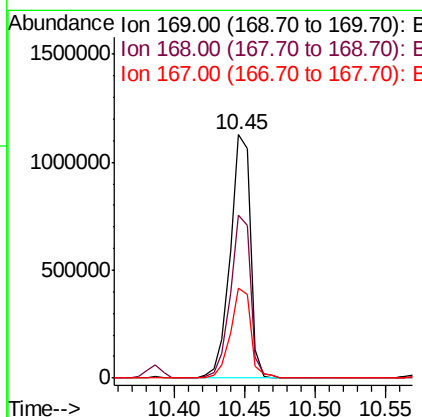
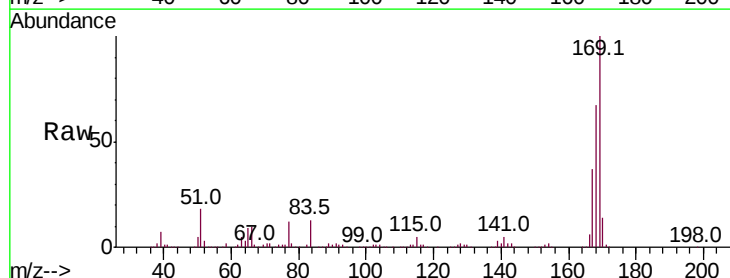
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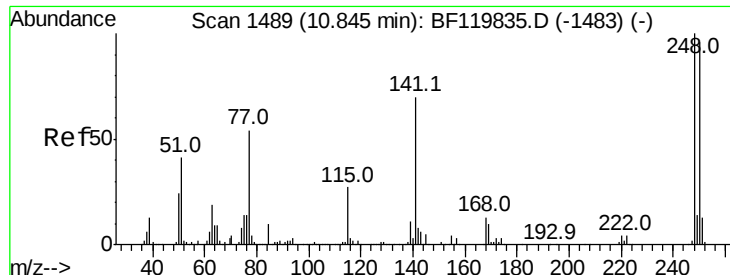
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 40.298 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1117503		
168	66.9	54.2	81.4	
167	36.8	28.3	42.5	





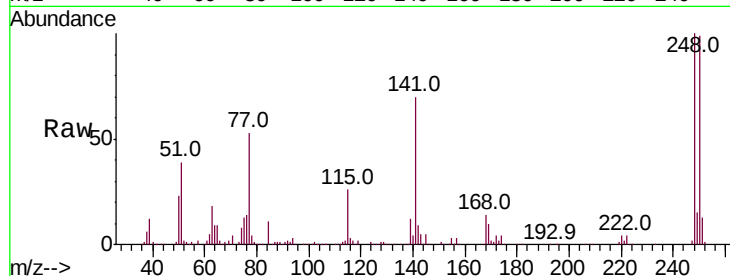
#67
 4-Bromophenyl-phenylether
 Concen: 39.495 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: BF119912.D
 Acq: 13 Apr 2020 12:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	76.6	114.8
141	69.5	55.9	83.9

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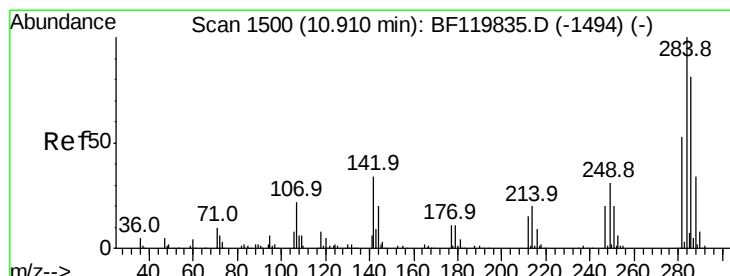
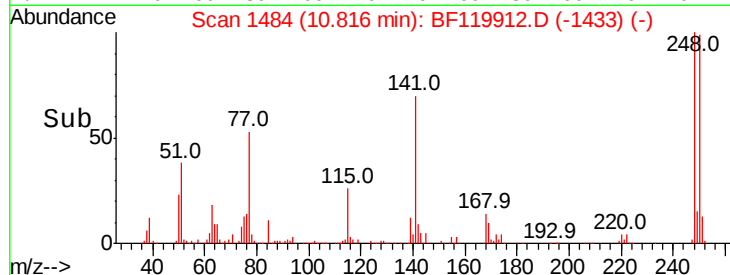
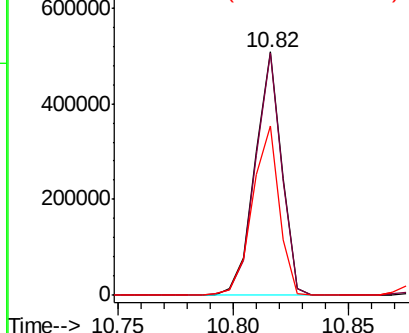


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 40.845 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF119912.D
 Acq: 13 Apr 2020 12:53

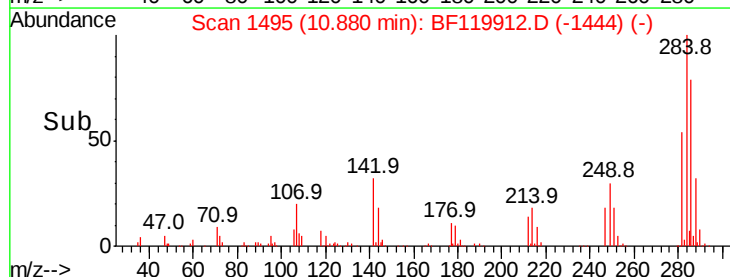
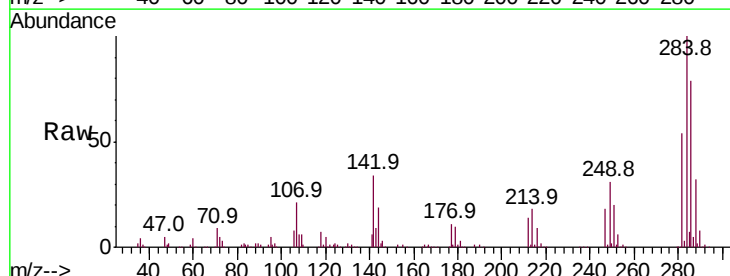
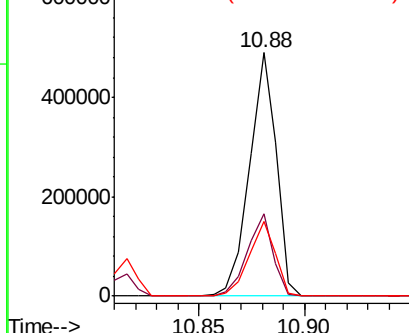
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.7	26.9	40.3
249	30.5	24.6	37.0

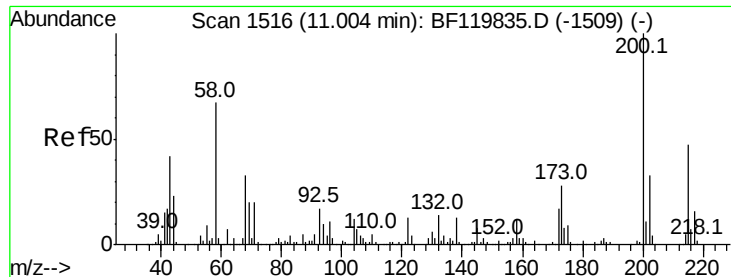
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





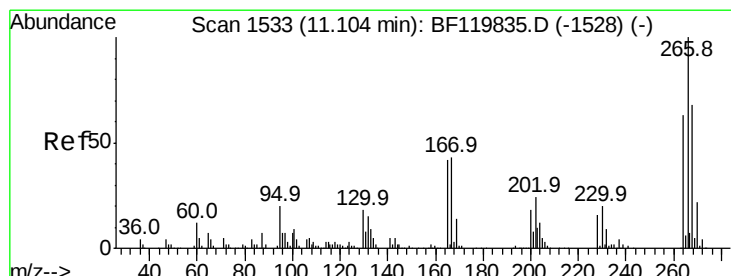
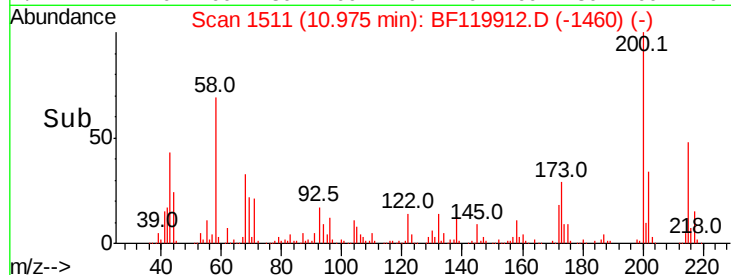
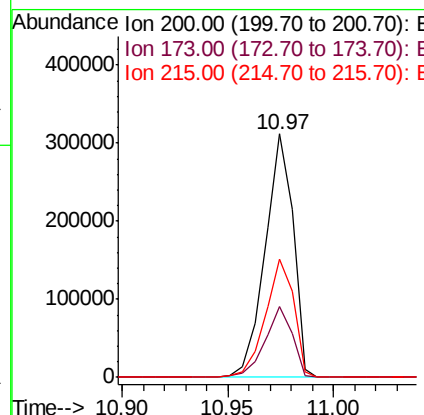
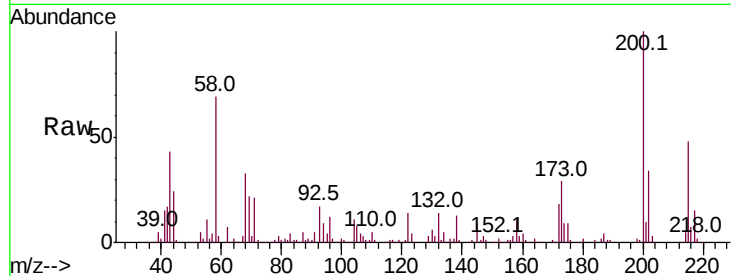
#69
Atrazine
Concen: 37.440 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.2	8.0	48.0
215	48.4	27.1	67.1

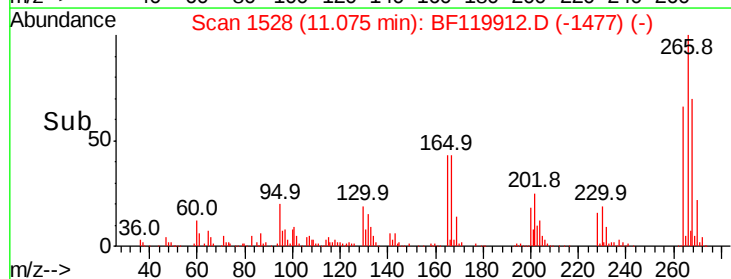
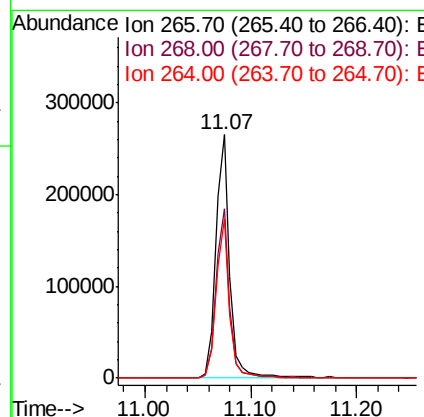
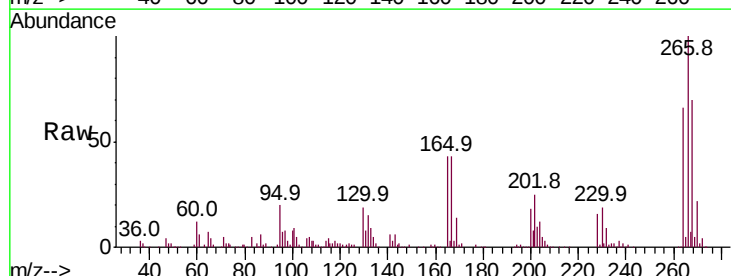
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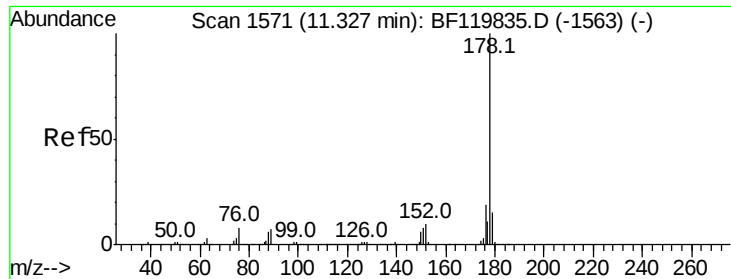
mohammad
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#70
Pentachlorophenol
Concen: 40.677 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	69.6	54.2	81.4
264	65.5	50.6	76.0





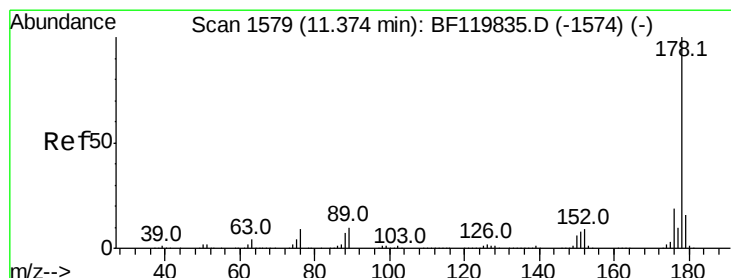
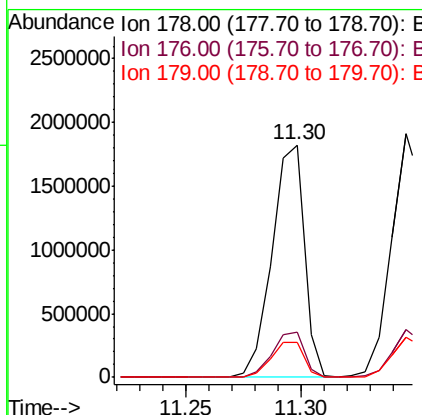
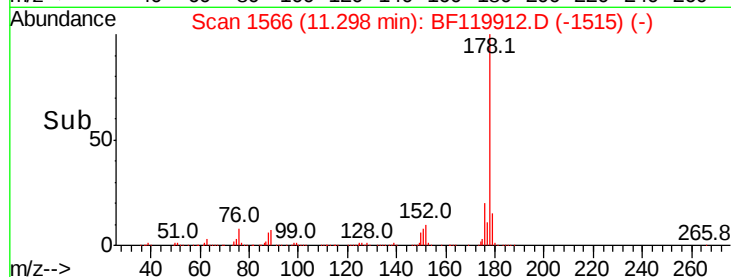
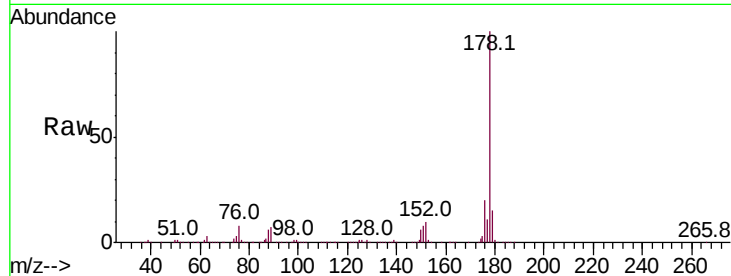
#71
Phenanthrene
Concen: 40.033 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1776537
Ion Ratio Lower Upper
178 100
176 19.7 15.1 22.7
179 15.3 12.2 18.4

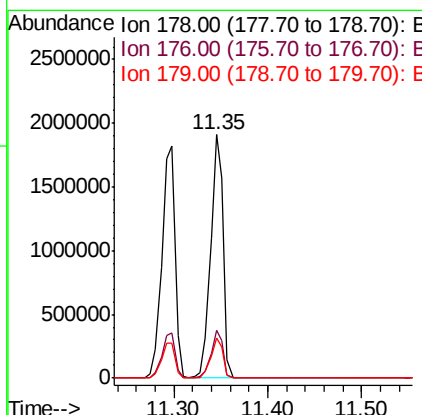
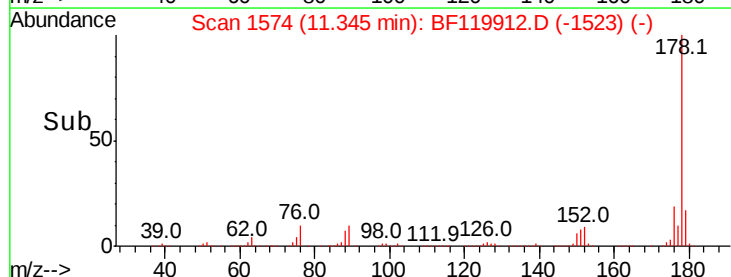
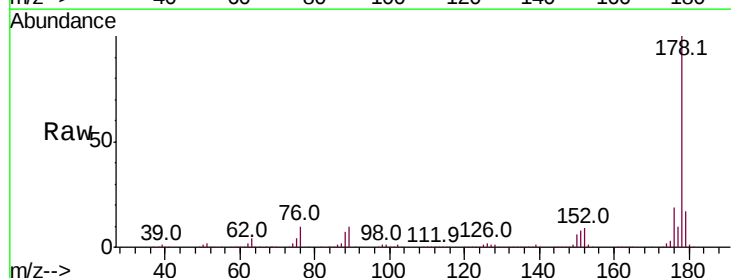
Manual Integrations
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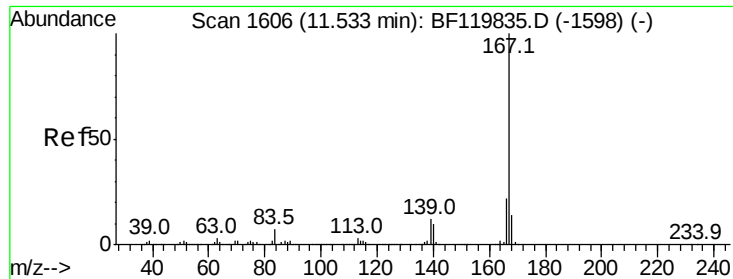
mohammad
4/14/2020 3:38:20 PM



#72
Anthracene
Concen: 39.831 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Tgt Ion:178 Resp: 1805691
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 16.6 12.8 19.2





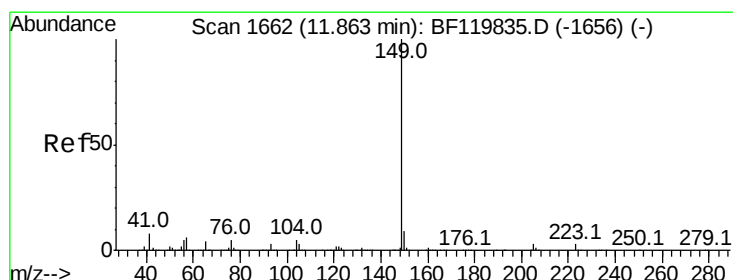
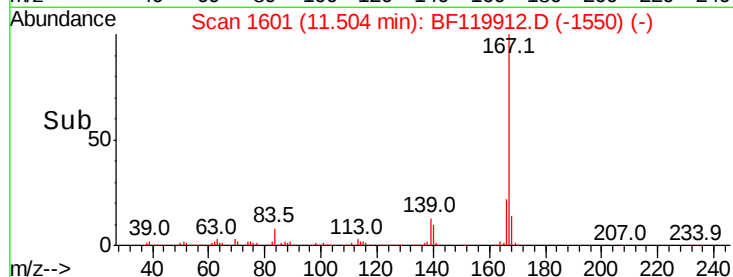
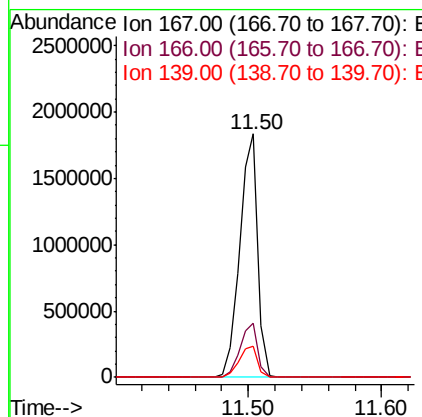
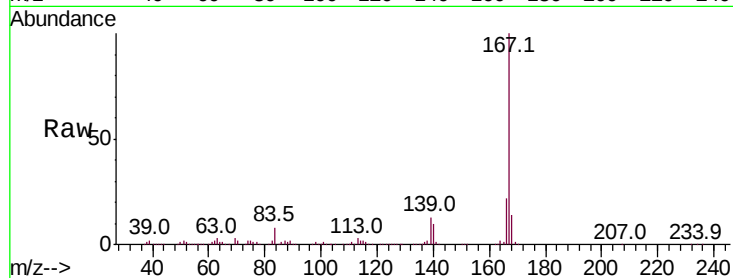
#73
 Carbazole
 Concen: 40.121 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.00 min
 Lab File: BF119912.D
 Acq: 13 Apr 2020 12:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:167 Resp: 1720050
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 12.8 9.8 14.8

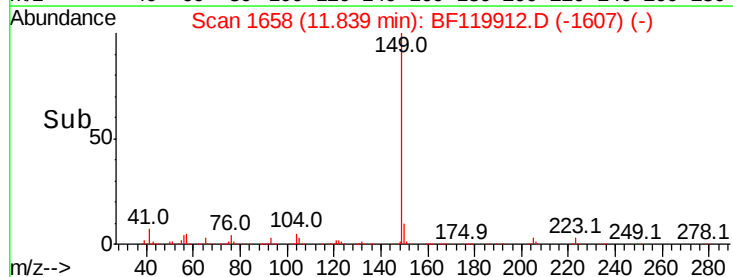
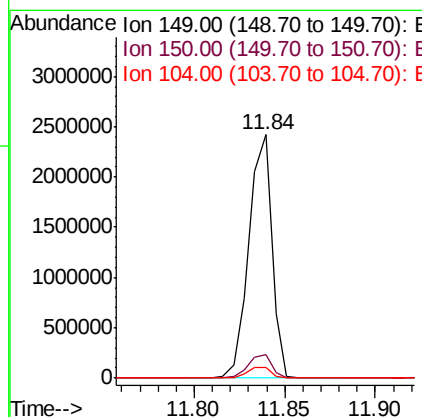
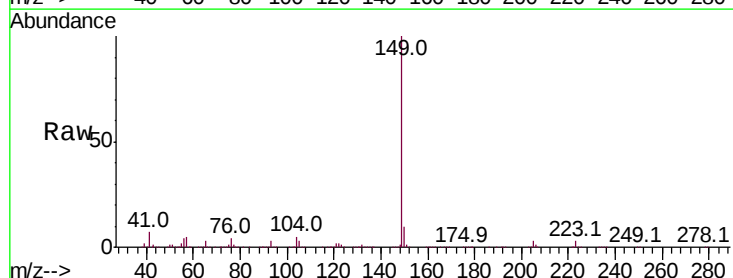
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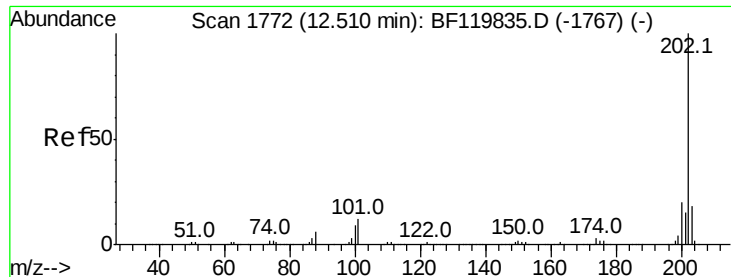
mohammad
 4/14/2020 3:38:20 PM



#74
 Di-n-butylphthalate
 Concen: 38.049 ng
 RT: 11.84 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: BF119912.D
 Acq: 13 Apr 2020 12:53

Tgt Ion:149 Resp: 2144360
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 4.5 3.8 5.6





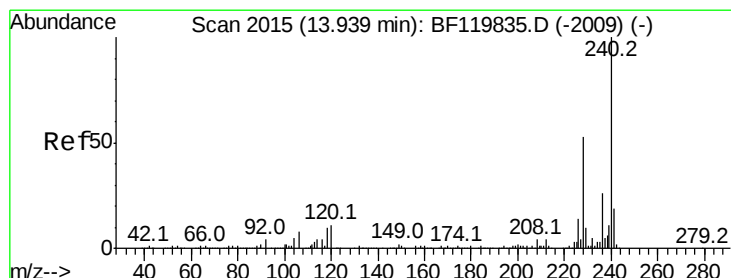
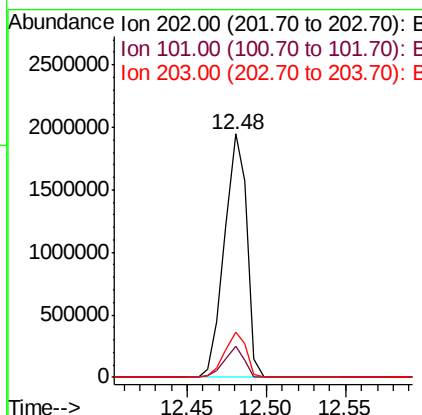
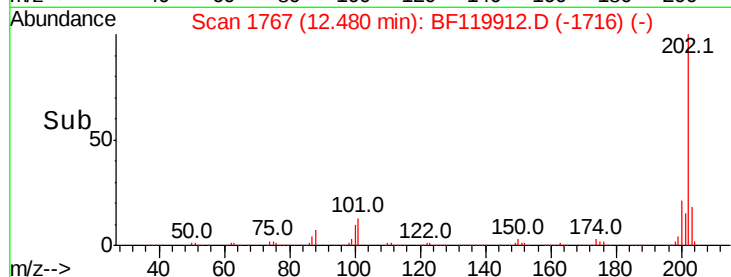
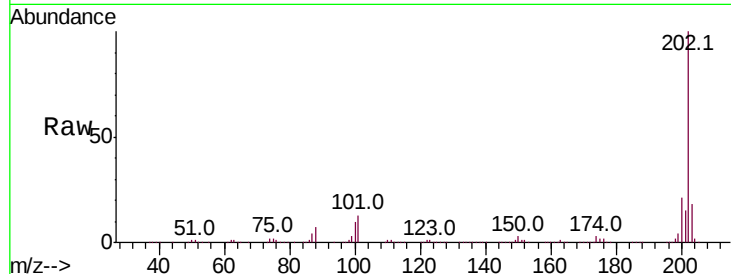
#75
 Fluoranthene
 Concen: 39.677 ng
 RT: 12.48 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BF119912.D
 Acq: 13 Apr 2020 12:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1899857		
101	12.8	0.0	32.3	
203	18.4	0.0	37.6	

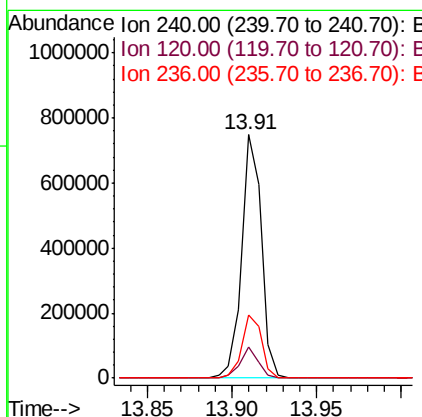
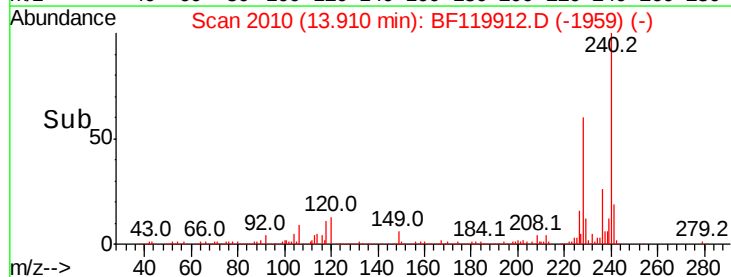
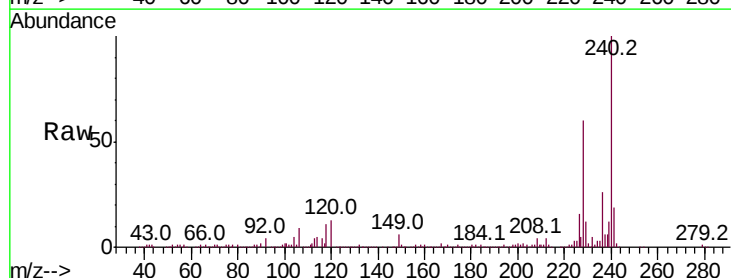
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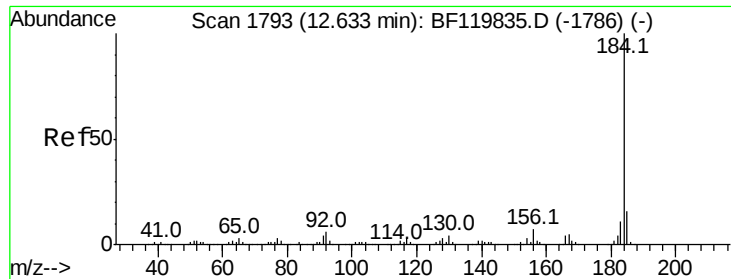
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BF119912.D
 Acq: 13 Apr 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	606806		
120	12.7	9.0	13.6	
236	25.7	20.7	31.1	





#77

Benzidine

Concen: 39.634 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF119912.D

Acq: 13 Apr 2020 12:53

Instrument :

BNA_F

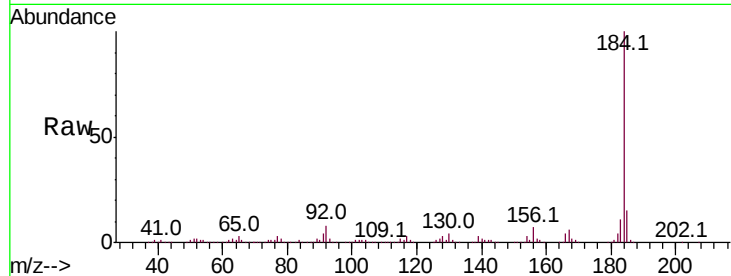
ClientSampleId :

SSTDCCC040

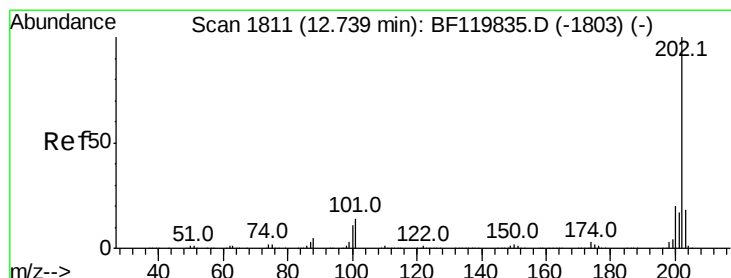
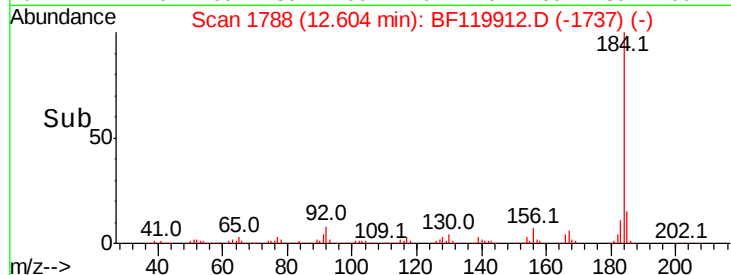
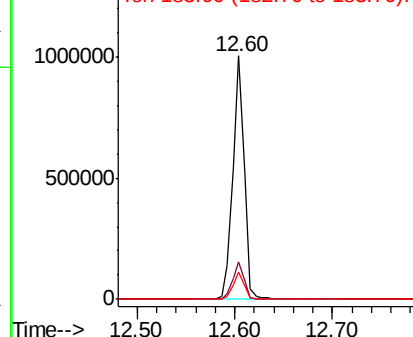
Tot Ion:	184	Resp:	812969
Ion Ratio	Lower	Upper	
184	100		
185	15.3	13.2	19.8
183	11.2	9.1	13.7

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



#78

Pyrene

Concen: 38.588 ng

RT: 12.71 min Scan# 1806

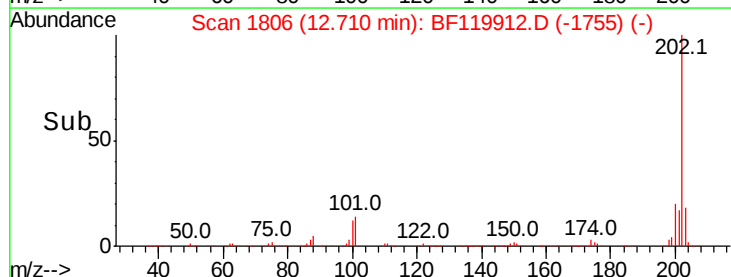
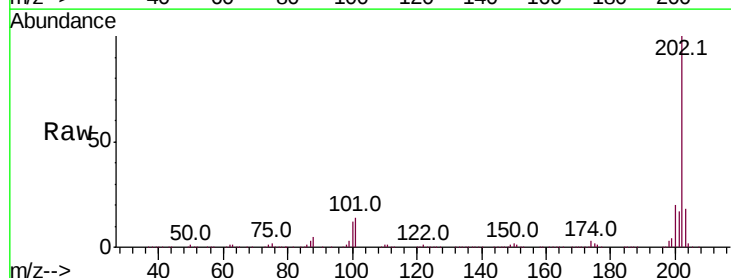
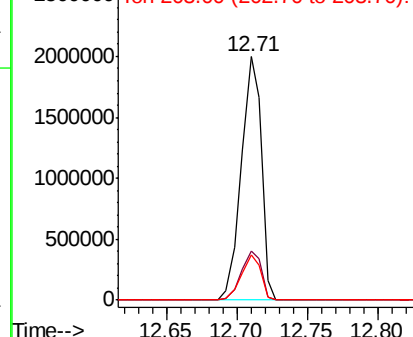
Delta R.T. 0.00 min

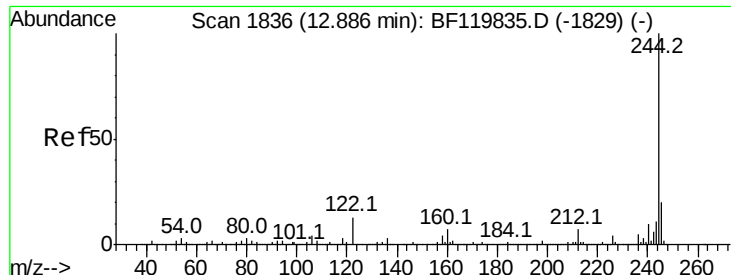
Lab File: BF119912.D

Acq: 13 Apr 2020 12:53

Tgt Ion:	202	Resp:	1973969
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.2	24.2
203	18.5	14.1	21.1

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





#79

Terphenyl-d14

Concen: 72.413 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF119912.D

Acq: 13 Apr 2020 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 2611393

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

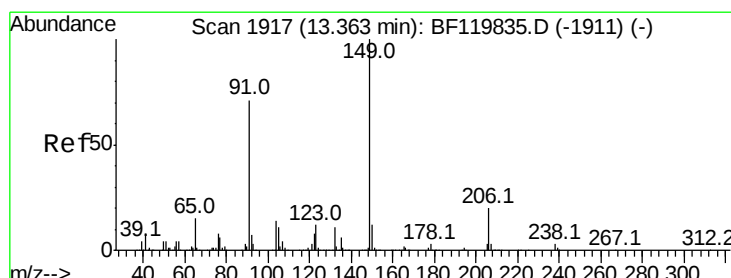
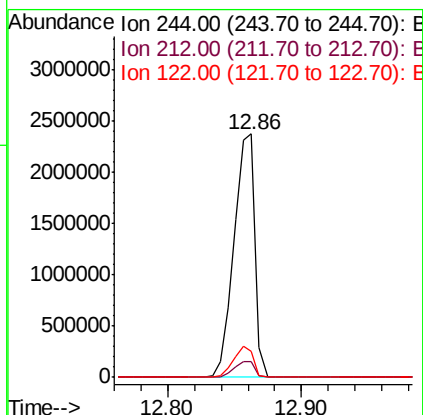
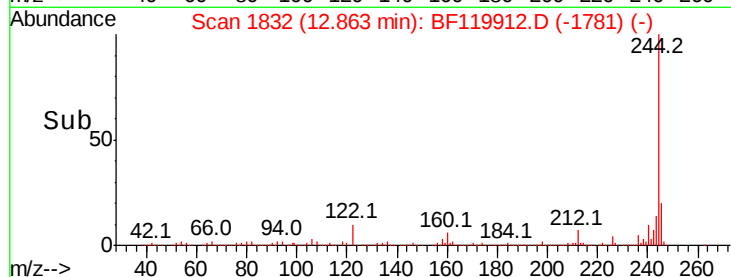
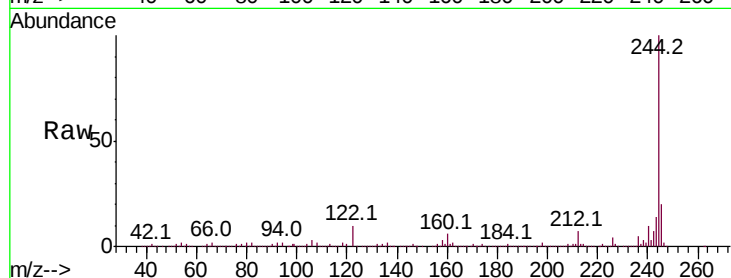
122 10.4 10.3 15.5

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#80

Butylbenzylphthalate

Concen: 37.625 ng

RT: 13.33 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BF119912.D

Acq: 13 Apr 2020 12:53

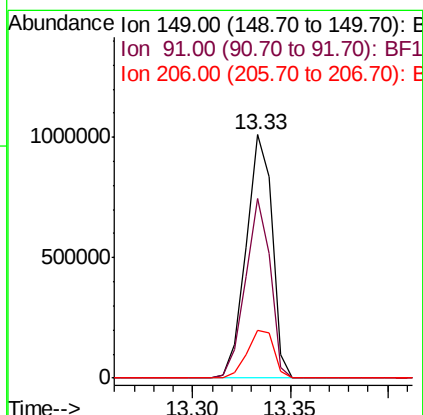
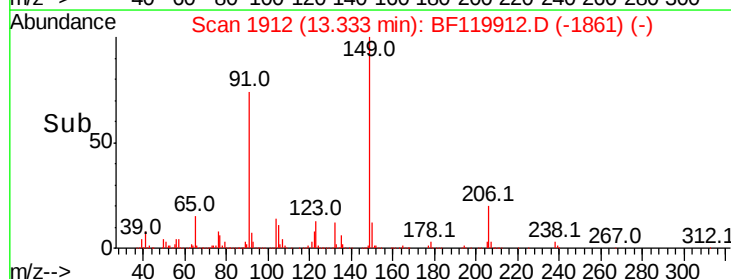
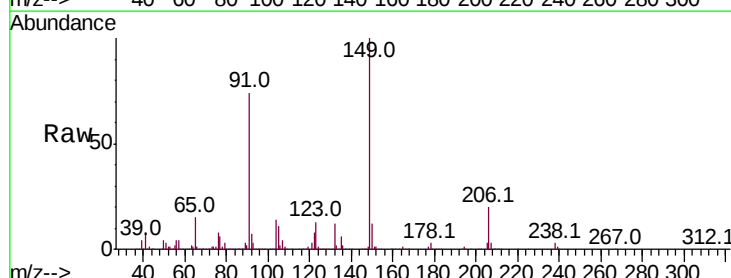
Tgt Ion:149 Resp: 933937

Ion Ratio Lower Upper

149 100

91 73.8 56.7 85.1

206 19.8 15.7 23.5





#81

Benzo(a)anthracene

Concen: 39.878 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF119912.D

Acq: 13 Apr 2020 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1591929

Ion Ratio Lower Upper

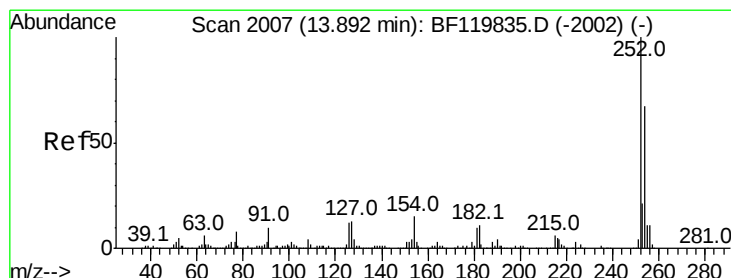
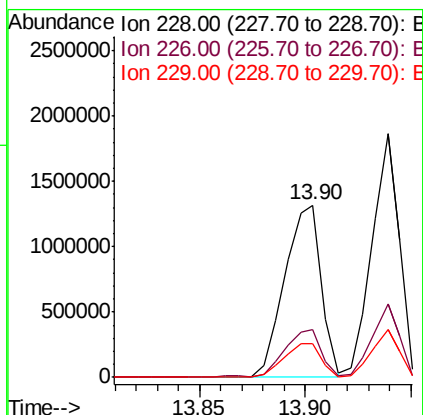
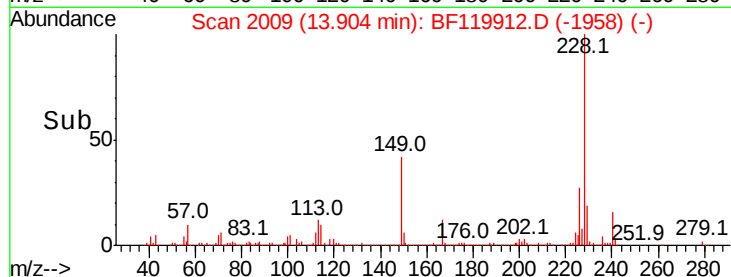
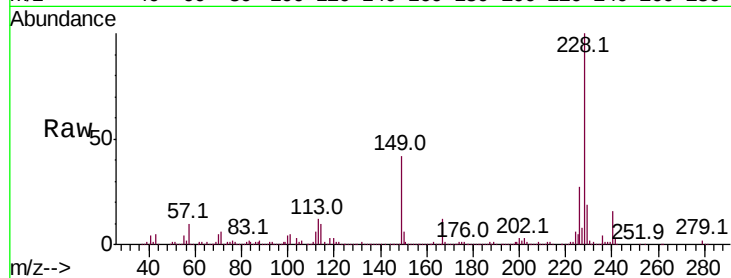
228 100

226 27.4 21.9 32.9

229 19.4 15.9 23.9

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 43.953 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF119912.D

Acq: 13 Apr 2020 12:53

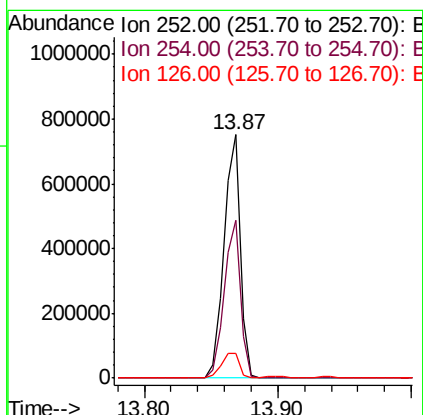
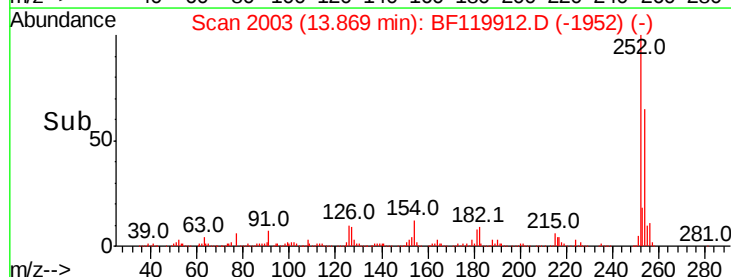
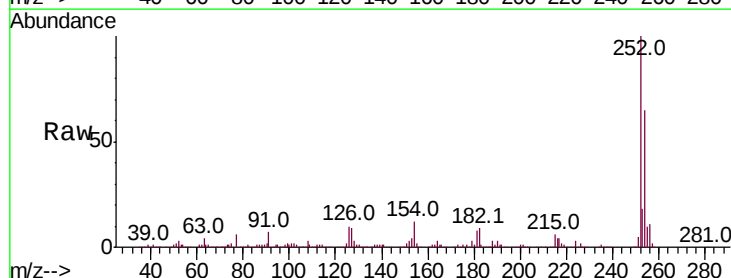
Tgt Ion:252 Resp: 654669

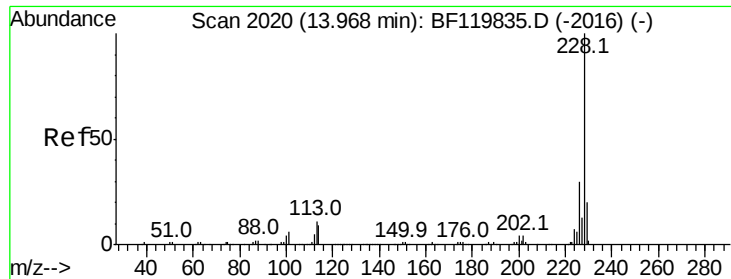
Ion Ratio Lower Upper

252 100

254 65.1 53.9 80.9

126 10.3 9.7 14.5





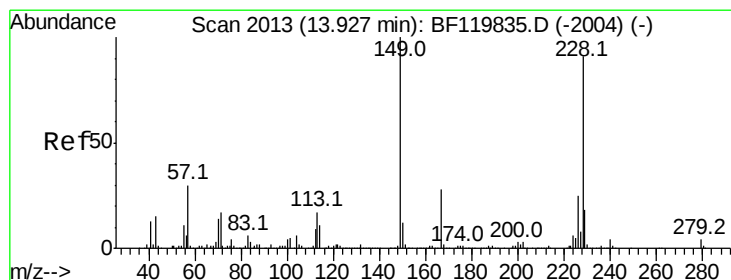
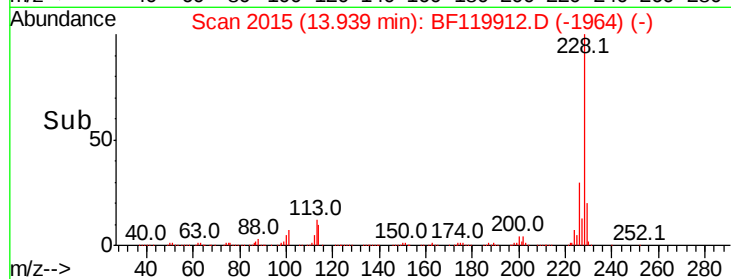
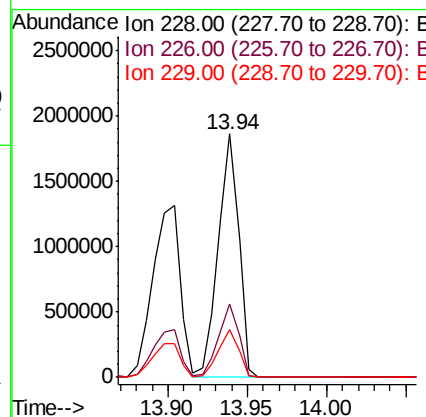
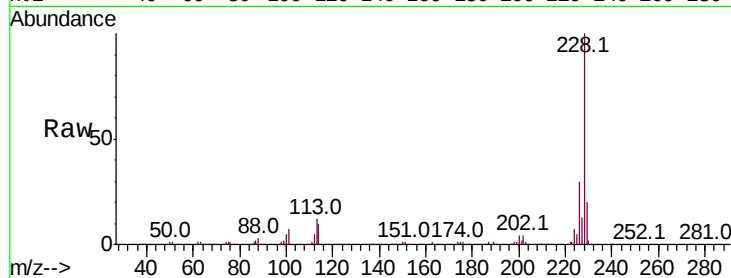
#83
 Chrvsene
 Concen: 41.441 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF119912.D
 Acq: 13 Apr 2020 12:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.2
229	19.7	15.9	23.9

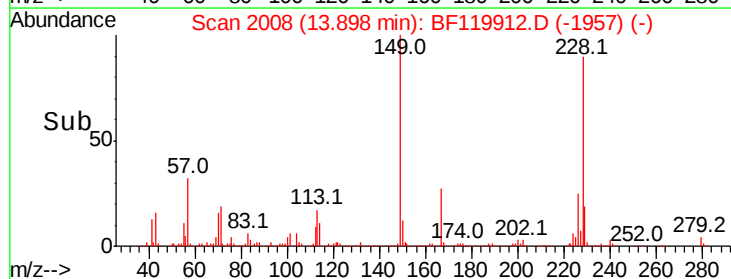
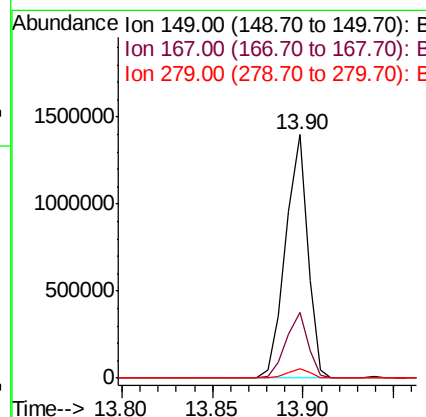
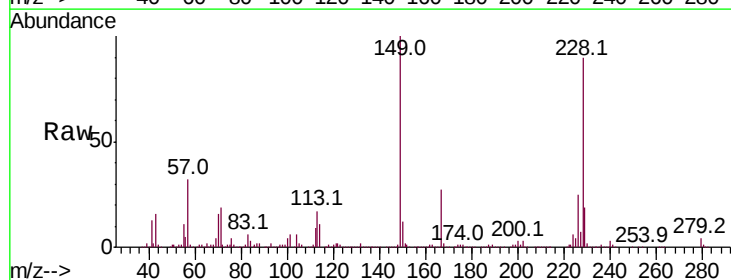
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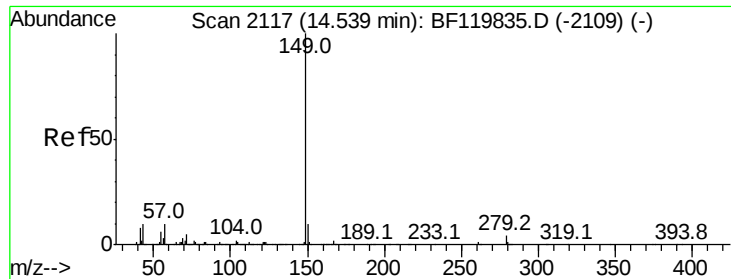
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.432 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BF119912.D
 Acq: 13 Apr 2020 12:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.2	33.2
279	3.9	3.4	5.0





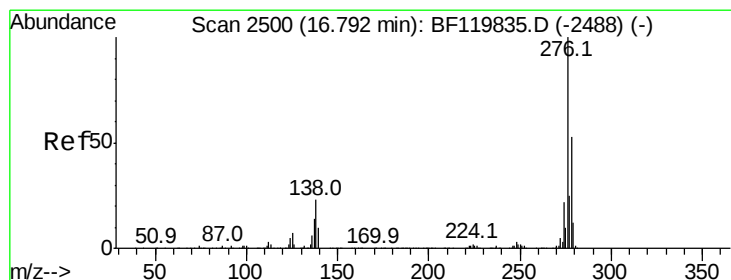
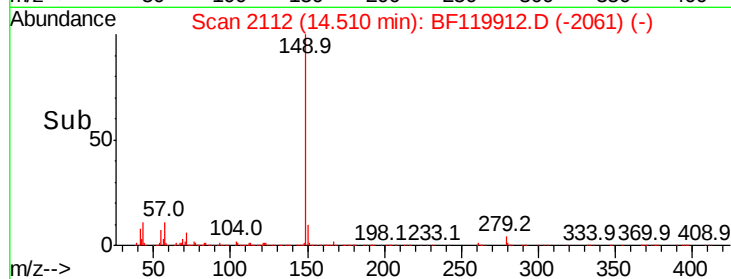
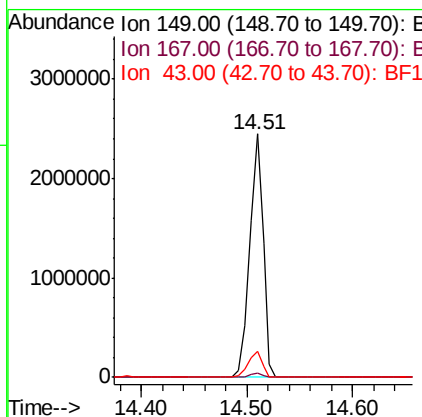
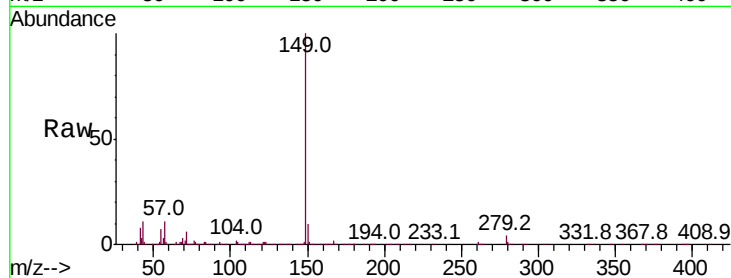
#85
Di-n-octyl phthalate
Concen: 37.737 ng
RT: 14.51 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.2	9.2	13.8

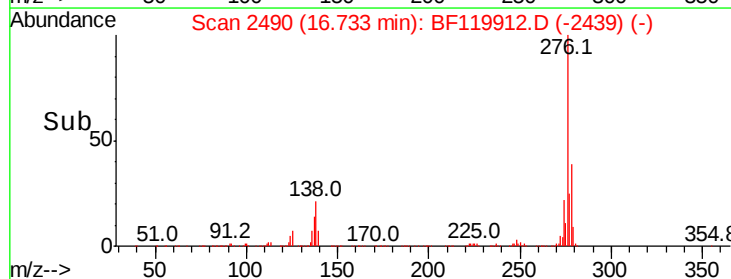
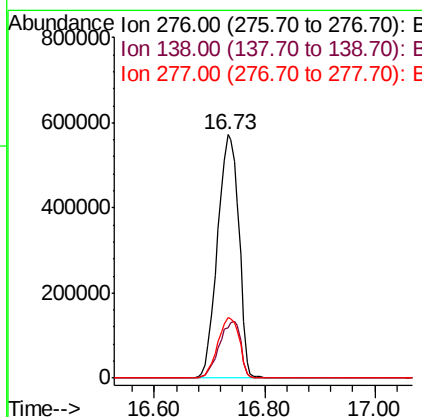
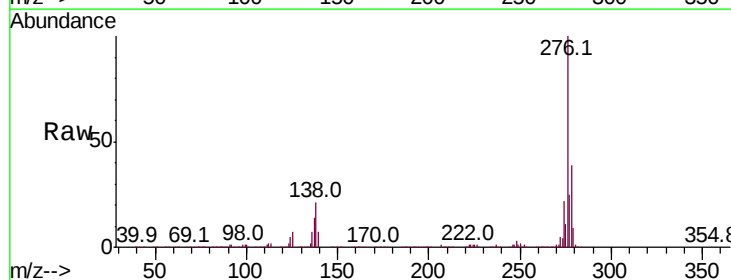
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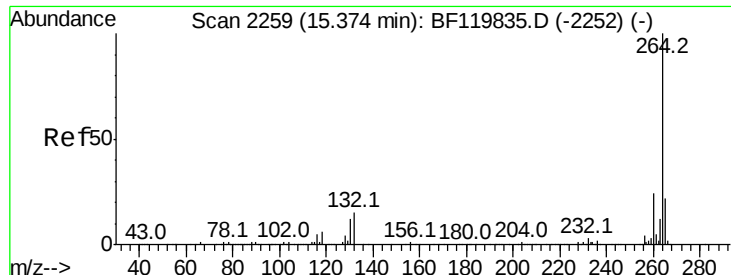
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.242 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	18.0	27.0
277	25.1	20.1	30.1





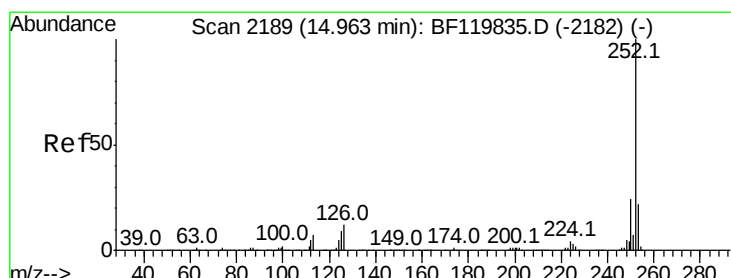
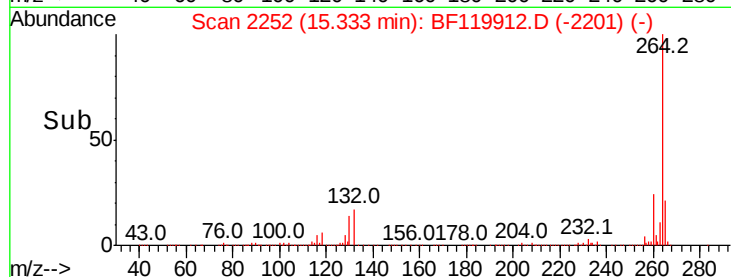
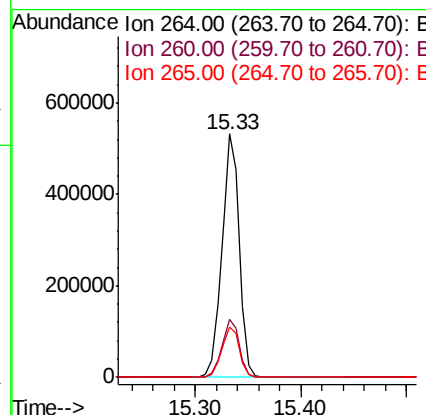
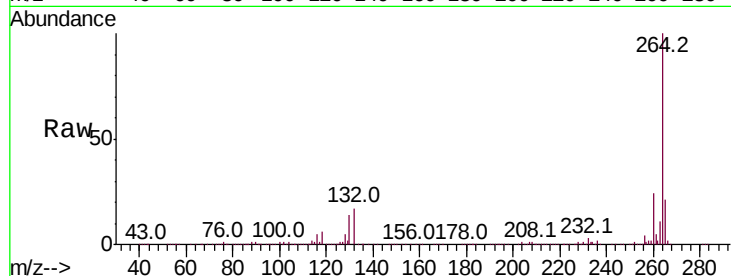
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	20.8	17.6	26.4

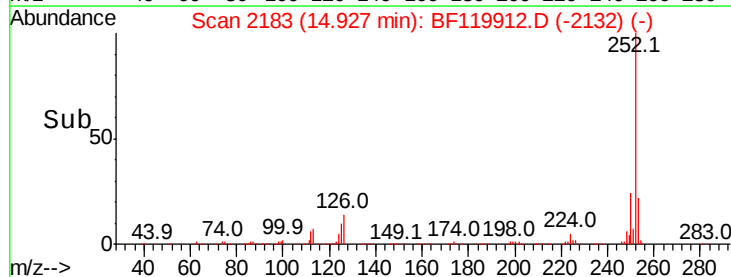
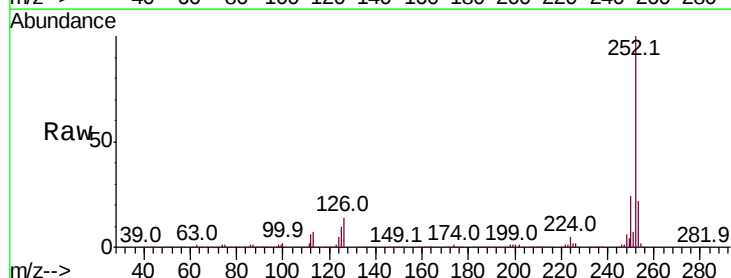
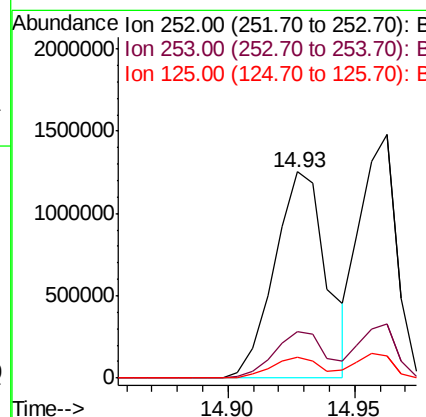
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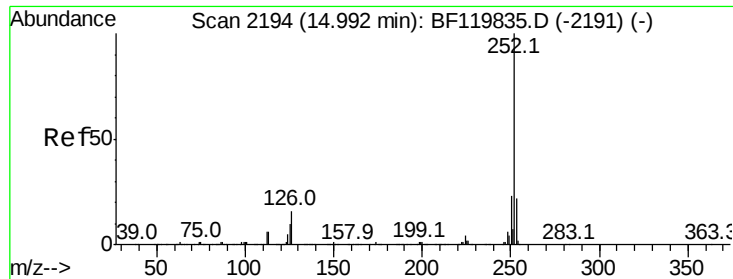
mohammad
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#88
Benzo(b)fluoranthene
Concen: 40.423 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BF119912.D
Acq: 13 Apr 2020 12:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	10.4	7.4	11.2





#89

Benzo(k)fluoranthene

Concen: 38.908 ng

RT: 14.96 min Scan# 2189

Delta R.T. 0.00 min

Lab File: BF119912.D

Acq: 13 Apr 2020 12:53

Instrument :

BNA_F

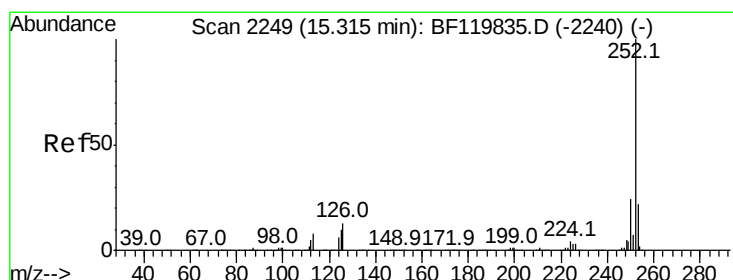
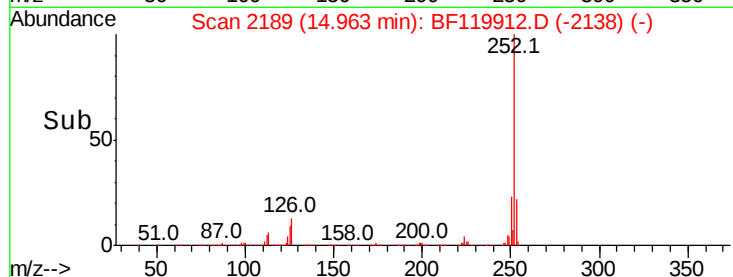
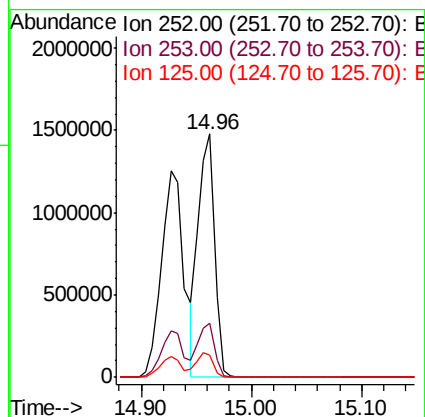
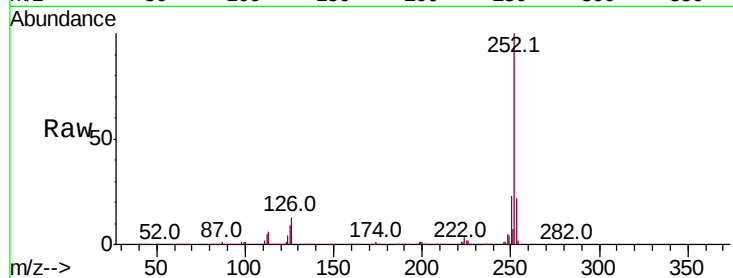
ClientSampleId :

SSTDCCC040

Tot Ion:252	Resp: 1485704		
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	9.1	7.7	11.5

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 40.822 ng

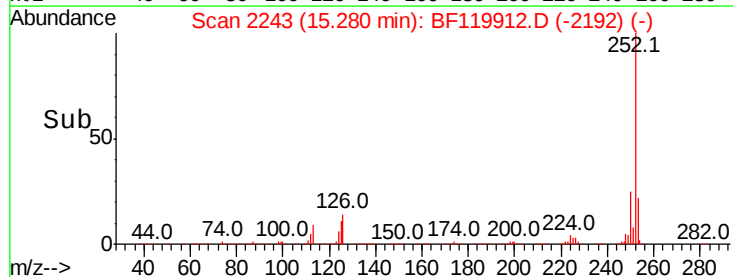
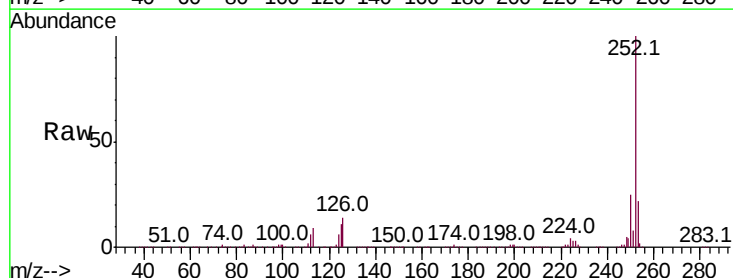
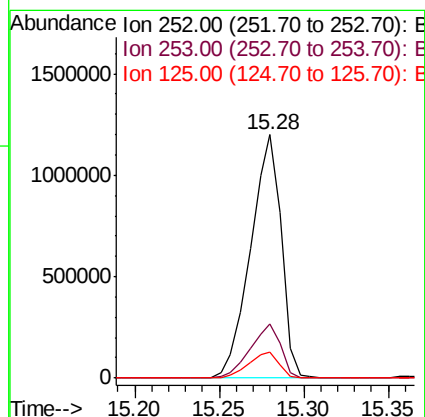
RT: 15.28 min Scan# 2243

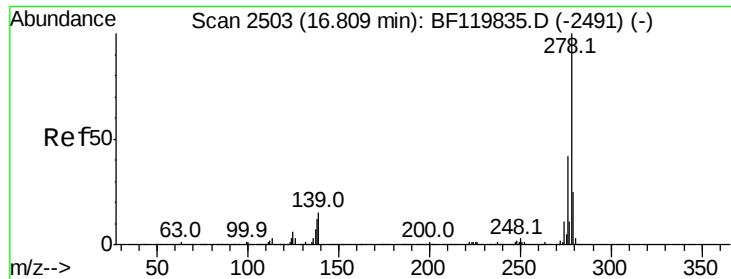
Delta R.T. 0.00 min

Lab File: BF119912.D

Acq: 13 Apr 2020 12:53

Tgt Ion:252	Resp: 1519027		
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	10.9	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 38.654 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BF119912.D

Acq: 13 Apr 2020 12:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 1274064

Ion Ratio Lower Upper

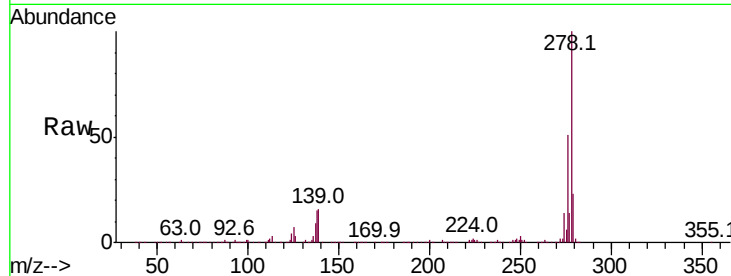
278 100

139 15.6 11.6 17.4

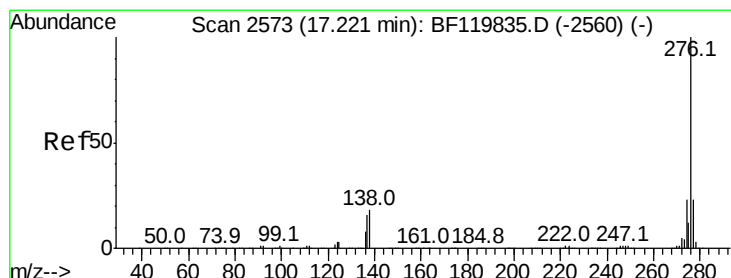
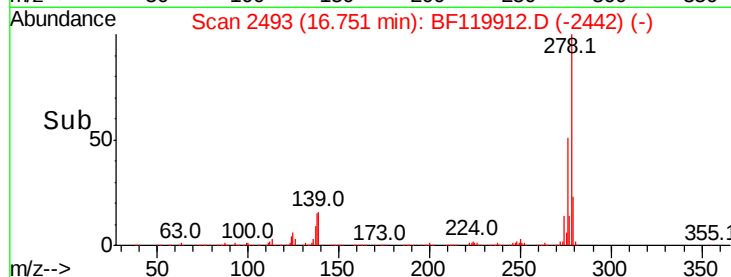
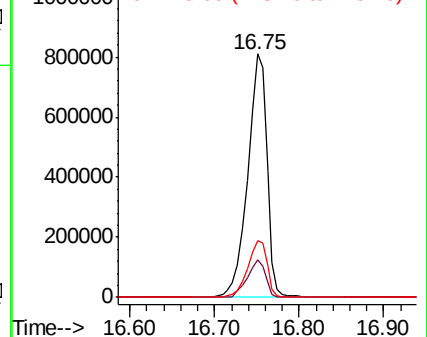
279 23.5 19.7 29.5

Manual Integrations
APPROVED

mohammad
4/14/2020 3:38:20 PM



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



#92

Benzo(g,h,i)perylene

Concen: 37.303 ng

RT: 17.16 min Scan# 2562

Delta R.T. 0.00 min

Lab File: BF119912.D

Acq: 13 Apr 2020 12:53

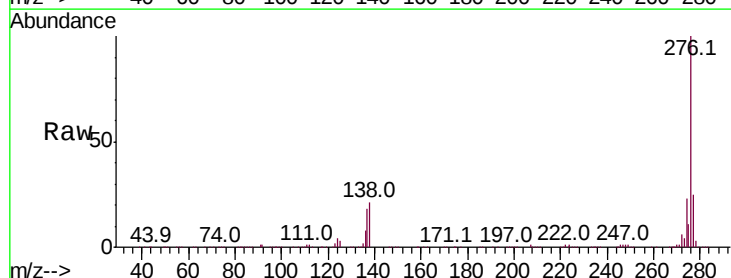
Tgt Ion:276 Resp: 1213695

Ion Ratio Lower Upper

276 100

277 24.6 18.5 27.7

138 20.8 14.6 22.0



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

