

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
 Data File : BF121116.D
 Acq On : 29 Jul 2020 22:33
 Operator : JU/CG
 Sample : L3436-20MSD 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20MSD

Manual Integrations
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 7/30/2020 3:34:00 PM

Quant Time: Jul 30 06:18:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	181935	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	676990	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	323807	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	550058	20.00	ng	0.00
76) Chrysene-d12	13.97	240	459949	20.00	ng	0.00
86) Perylene-d12	15.43	264	389552	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	149767	13.50	ng	0.00
7) Phenol-d6	6.44	99	182616	12.74	ng	0.00
23) Nitrobenzene-d5	7.36	82	104551	8.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	41062	11.59	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	217780	10.04	ng	0.00
79) Terphenyl-d14	12.91	244	194924	9.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	24240	4.746	ng	97
3) Pyridine	3.26	79	46089	3.392	ng	99
4) n-Nitrosodimethylamine	3.16	42	28093	4.835	ng	# 93
6) Aniline	6.46	93	74550	3.984	ng	# 86
8) 2-Chlorophenol	6.59	128	62492	5.111	ng	98
9) Benzaldehyde	6.35	77	44874	3.648	ng	98
10) Phenol	6.46	94	82156	5.210	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	61109	5.056	ng	97
12) 1,3-Dichlorobenzene	6.75	146	67247	5.073	ng	98
13) 1,4-Dichlorobenzene	6.82	146	68693	5.211	ng	99
14) 1,2-Dichlorobenzene	6.97	146	65364	5.241	ng	99
15) Benzyl Alcohol	6.95	79	46333	4.570	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	82515	4.737	ng	95
17) 2-Methylphenol	7.07	107	50406	4.652	ng	98
18) Hexachloroethane	7.32	117	10509	2.203	ng	93
19) n-Nitroso-di-n-propylamine	7.21	70	43383	5.322	ng	97
20) 3+4-Methylphenols	7.22	107	66369	4.815	ng	# 72
22) Acetophenone	7.21	105	91621	6.030	ng	# 91
24) Nitrobenzene	7.39	77	61659	4.890	ng	98
25) Isophorone	7.62	82	114457	4.902	ng	95
26) 2-Nitrophenol	7.70	139	18291	3.054	ng	92
27) 2,4-Dimethylphenol	7.75	122	53719	5.525	ng	94
28) bis(2-Chloroethoxy)methane	7.83	93	73000	5.122	ng	99
29) 2,4-Dichlorophenol	7.96	162	49248	4.956	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	55510	5.035	ng	98
31) Naphthalene	8.11	128	228121	6.569	ng	99
33) 4-Chloroaniline	8.16	127	61395	3.963	ng	99
34) Hexachlorobutadiene	8.23	225	33139	5.099	ng	96
35) Caprolactam	8.49	113	14642	4.595	ng	# 83
36) 4-Chloro-3-methylphenol	8.65	107	50686	4.974	ng	99
37) 2-Methylnaphthalene	8.80	142	142543	6.322	ng	98
38) 1-Methylnaphthalene	8.90	142	133048	6.230	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	54354	5.761	ng	97
43) 2,4,6-Trichlorophenol	9.08	196	32719	4.926	ng	96

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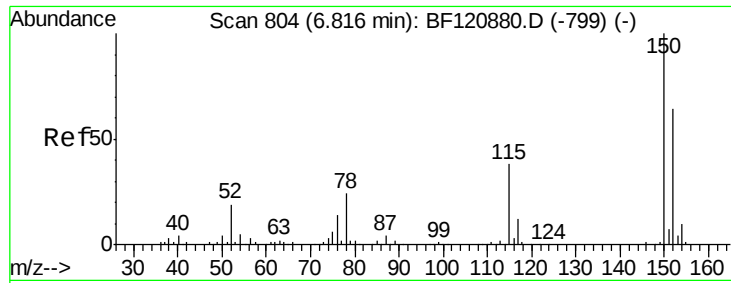
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.13	196	33951	4.506	nq	96
46) 1,1'-Biphenyl	9.26	154	148604	6.016	nq	99
47) 2-Chloronaphthalene	9.29	162	106452	5.286	nq	97
48) 2-Nitroaniline	9.39	65	32765	5.384	nq	99
49) Acenaphthylene	9.70	152	229306	7.330	nq	98
50) Dimethylphthalate	9.56	163	165385	7.080	nq	99
51) 2,6-Dinitrotoluene	9.62	165	18710	3.728	nq	91
52) Acenaphthene	9.87	154	131799	6.626	nq	99
53) 3-Nitroaniline	9.79	138	31483	5.002	nq	89
55) Dibenzofuran	10.05	168	171698	5.969	nq	97
56) 4-Nitrophenol	9.97	139	31155	6.516	nq	93
57) 2,4-Dinitrotoluene	10.03	165	20464	3.105	nq	87
58) Fluorene	10.39	166	163840	7.637	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	23929	4.171	nq	# 93
60) Diethylphthalate	10.26	149	119517	5.058	nq	99
61) 4-Chlorophenyl-phenylether	10.38	204	56503	4.938	nq	99
62) 4-Nitroaniline	10.40	138	33254	5.423	nq	95
63) Azobenzene	10.54	77	102375	4.551	nq	98
66) n-Nitrosodiphenylamine	10.50	169	101322	5.855	nq	98
67) 4-Bromophenyl-phenylether	10.87	248	32195	5.250	nq	95
68) Hexachlorobenzene	10.94	284	34077	5.137	nq	# 88
69) Atrazine	11.03	200	25323	5.909	nq	98
70) Pentachlorophenol	11.14	266	22906	6.027	nq	99
71) Phenanthrene	11.35	178	535059	18.914	nq	99
72) Anthracene	11.40	178	292224	10.287	nq	99
73) Carbazole	11.56	167	169004	5.995	nq	100
74) Di-n-butylphthalate	11.89	149	183415	5.638	nq	97
75) Fluoranthene	12.54	202	811457	25.878	nq	99
77) Benzidine	12.66	184	44103	3.647	nq	98
78) Pyrene	12.77	202	833807	25.641	nq	99
80) Butylbenzylphthalate	13.39	149	71224	4.913	nq	94
81) Benzo(a)anthracene	13.96	228	456188	16.379	nq	96
82) 3,3'-Dichlorobenzidine	13.92	252	50779	4.832	nq	99
83) Chrysene	14.00	228	444179	15.175	nq	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	105186	5.884	nq	99
85) Di-n-octyl phthalate	14.56	149	168767	4.745	nq	# 93
87) Indeno(1,2,3-cd)pyrene	16.86	276	211318	7.800	nq	98
88) Benzo(b)fluoranthene	15.00	252	395308	16.788	nq	97
89) Benzo(k)fluoranthene	15.03	252	228978m	10.663	nq	
90) Benzo(a)pyrene	15.36	252	309737	14.417	nq	98
91) Dibenzo(a,h)anthracene	16.87	278	114361	5.168	nq	# 93
92) Benzo(g,h,i)perylene	17.29	276	188609	8.644	nq	99

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



#1

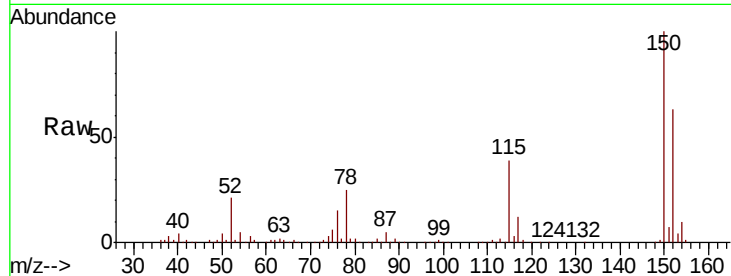
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Instrument :
BNA_F
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20MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	125.6	188.4
115	61.5	46.2	69.2

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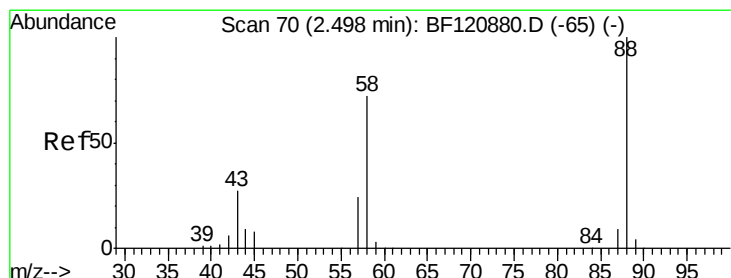
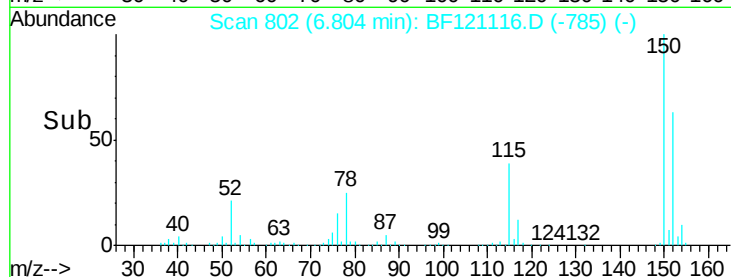
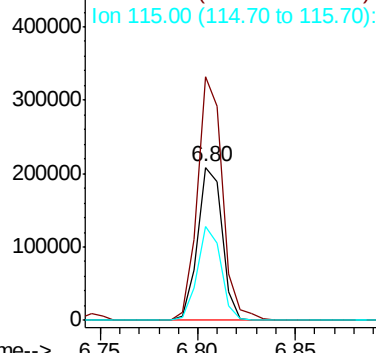


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

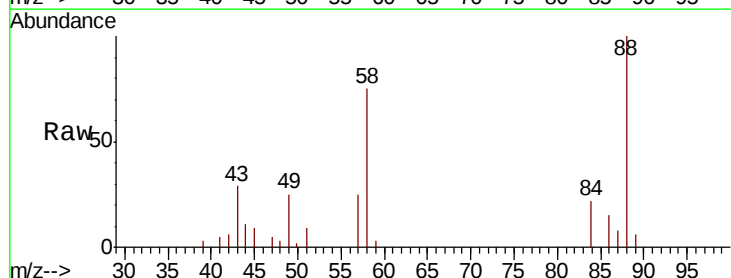
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 4.746 ng
RT: 2.49 min Scan# 68
Delta R.T. -0.02 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.9	58.2	87.4
43	26.7	21.3	31.9

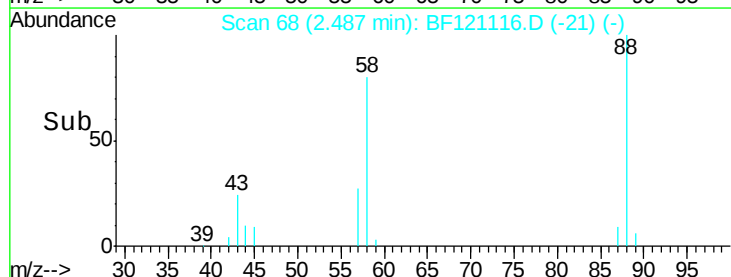
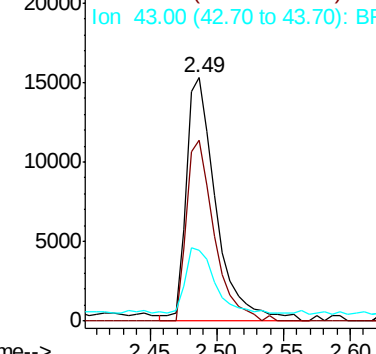


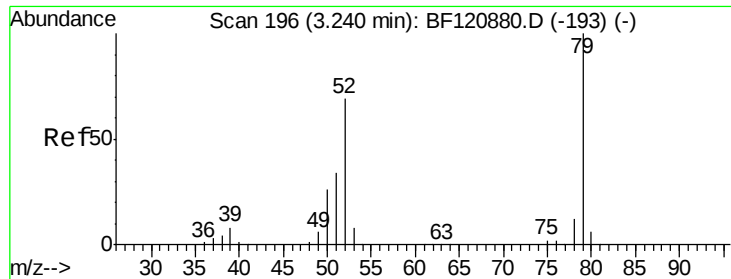
Abundance

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





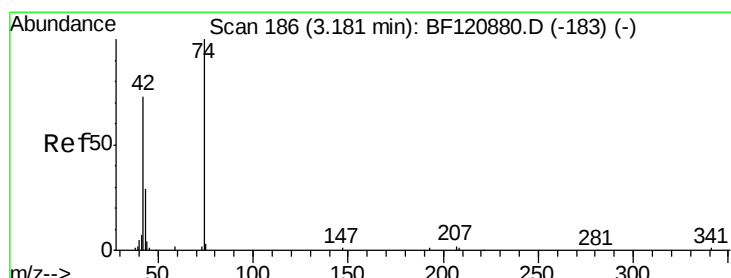
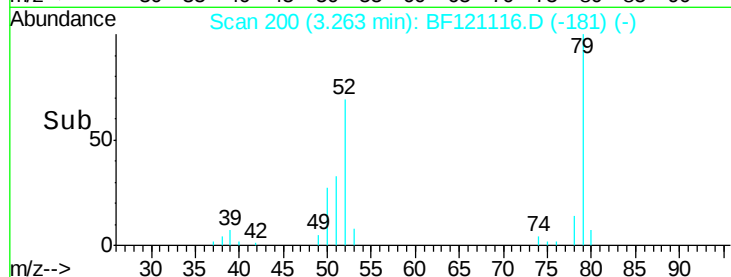
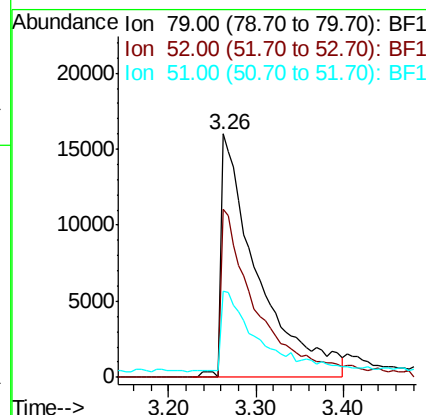
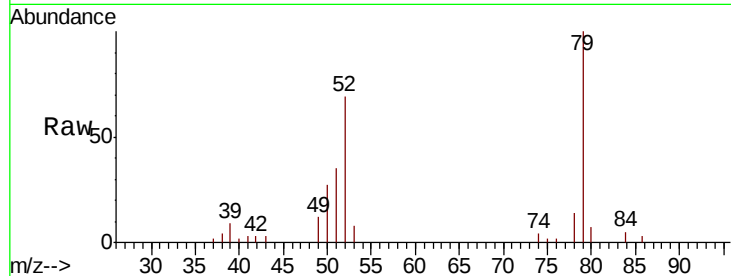
#3
 Pvridine
 Concen: 3.392 ng
 RT: 3.26 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

Instrument :
 BNA_F
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 20MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		46089		
52	68.8	54.9	82.3		
51	35.5	27.4	41.0		

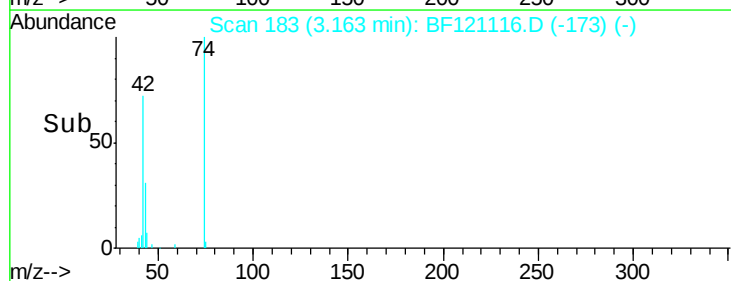
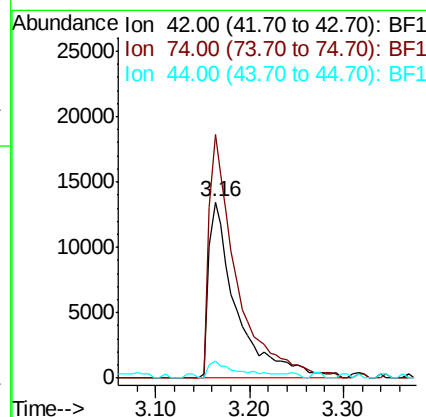
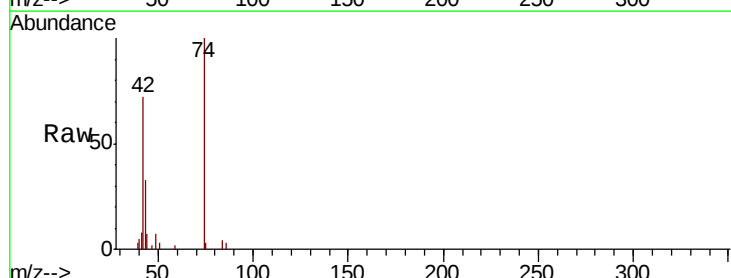
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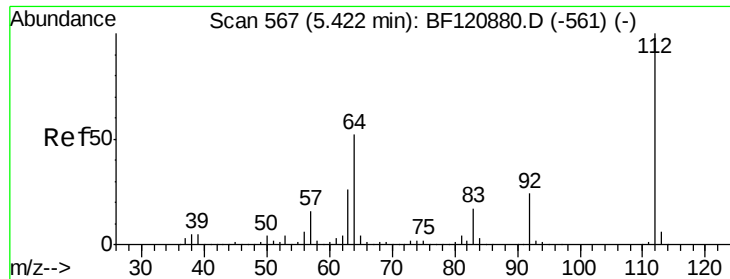
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#4
 n-Nitrosodimethylamine
 Concen: 4.835 ng
 RT: 3.16 min Scan# 183
 Delta R.T. -0.04 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		28093		
74	138.1	117.3	175.9		
44	9.9	5.9	8.9#		





#5

2-Fluorophenol

Concen: 13.495 ng

RT: 5.42 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

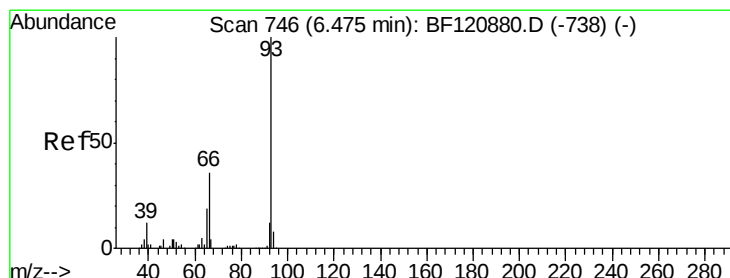
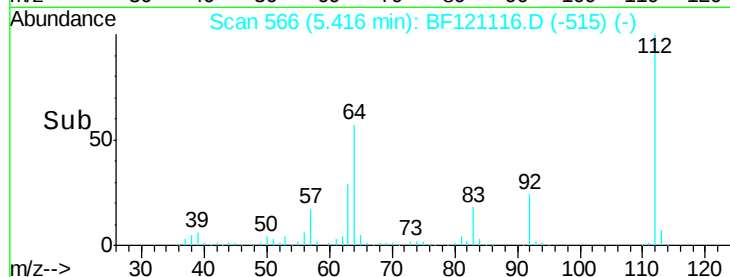
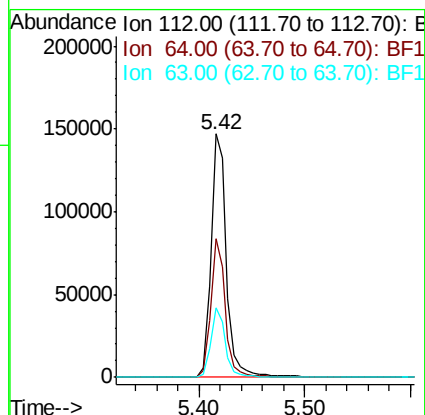
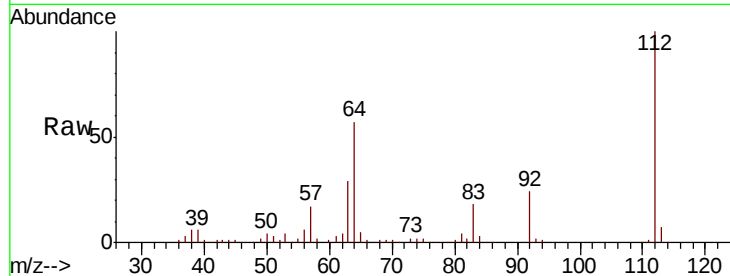
ClientSampled :

20MSD

Tot Ion:	112	Resp:	149767
Ion Ratio	Lower	Upper	
112	100		
64	56.8	43.9	65.9
63	28.6	22.7	34.1

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#6

Aniline

Concen: 3.984 ng

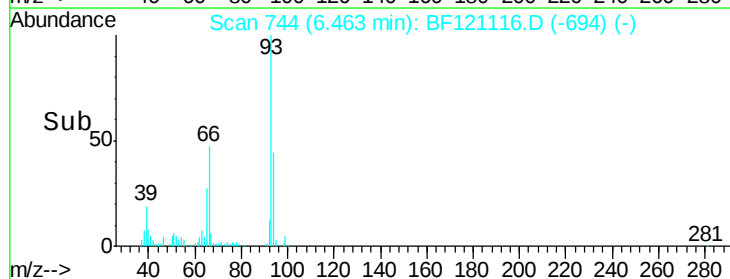
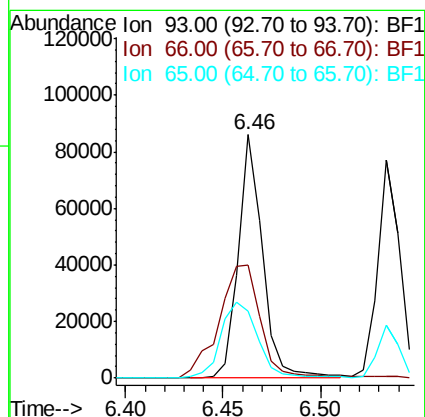
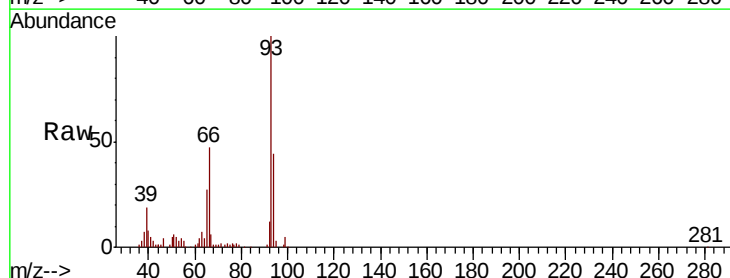
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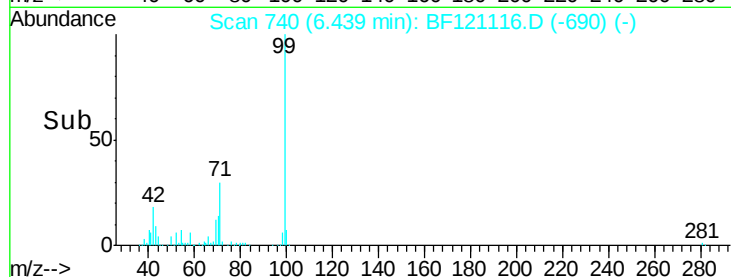
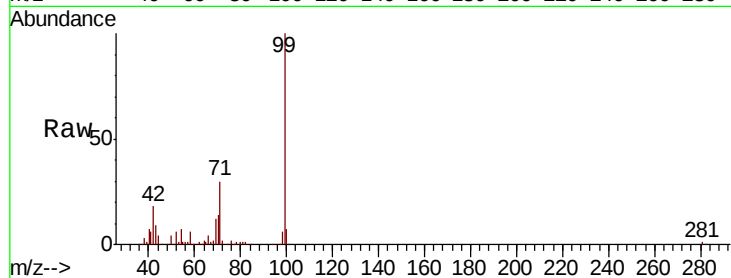
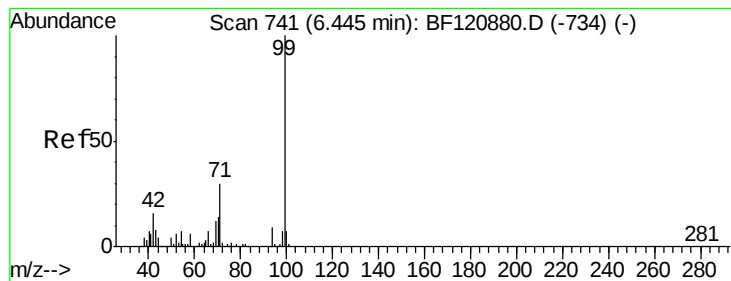
Delta R.T. -0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Tgt Ion:	93	Resp:	74550
Ion Ratio	Lower	Upper	
93	100		
66	46.5	31.0	46.4#
65	27.3	16.2	24.4#





#7

Phenol-d6

Concen: 12.739 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Tot Ion:	99	Resp:	182616
Ion Ratio	Lower	Upper	
99	100		
42	17.7	13.5	20.3
71	30.1	25.0	37.4

Instrument :

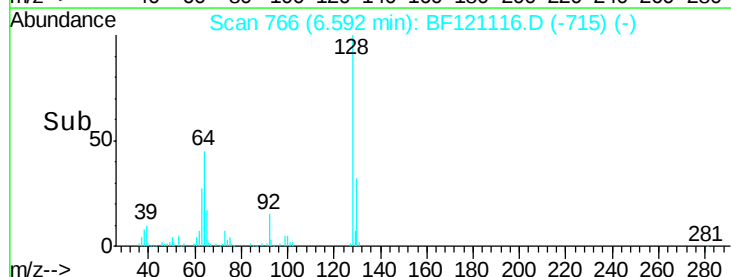
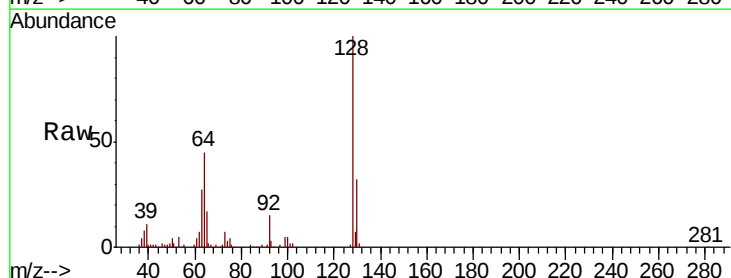
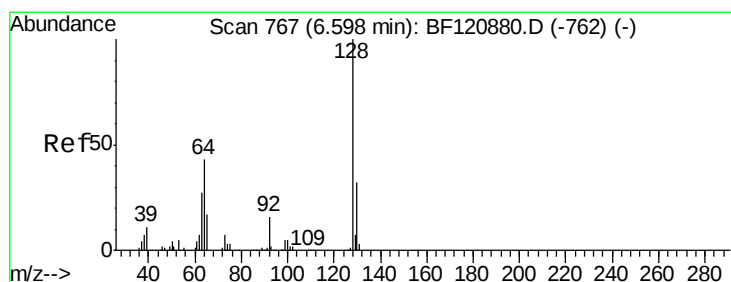
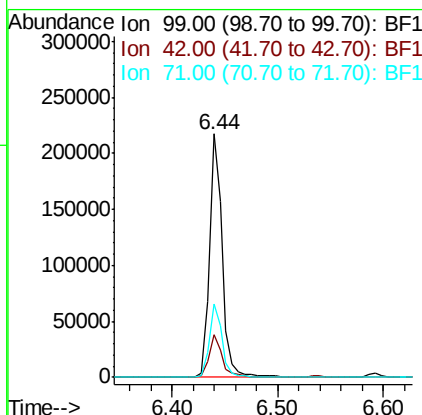
BNA_F

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#8

2-Chlorophenol

Concen: 5.111 ng

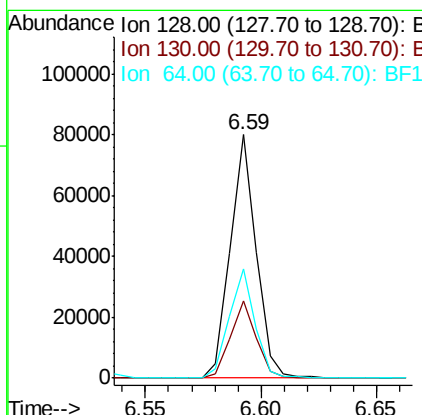
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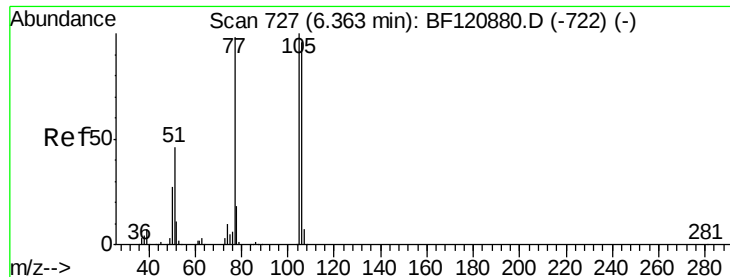
Delta R.T. -0.00 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Tgt Ion:	128	Resp:	62492
Ion Ratio	Lower	Upper	
128	100		
130	31.8	12.7	52.7
64	45.0	23.8	63.8





#9

Benzaldehyde

Concen: 3.648 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

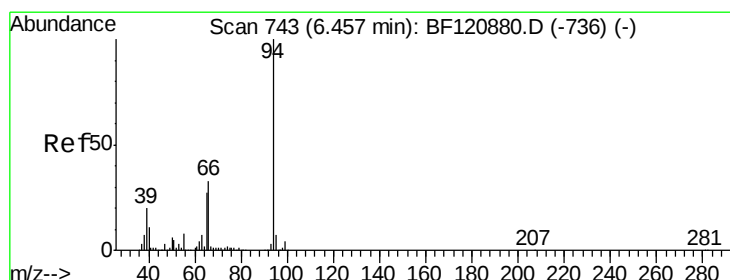
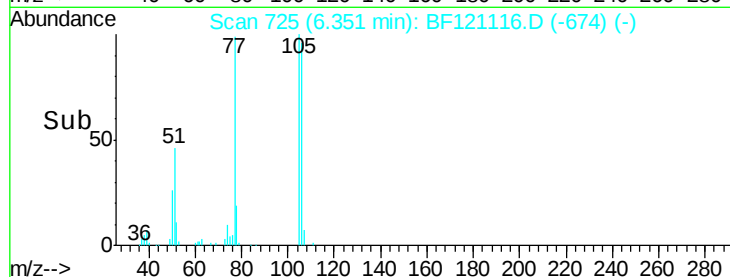
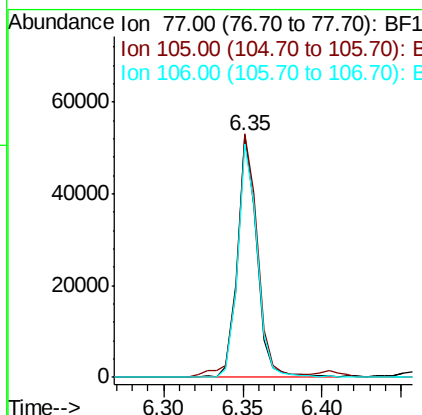
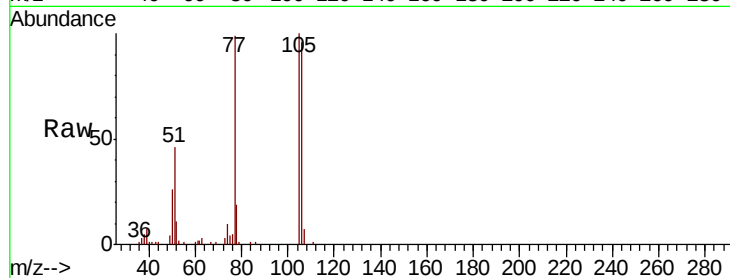
ClientSampleId :

20MSD

Tot Ion:	77	Resp:	44874
Ion	Ratio	Lower	Upper
77	100		
105	100.7	82.4	122.4
106	96.6	78.9	118.9

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#10

Phenol

Concen: 5.210 ng

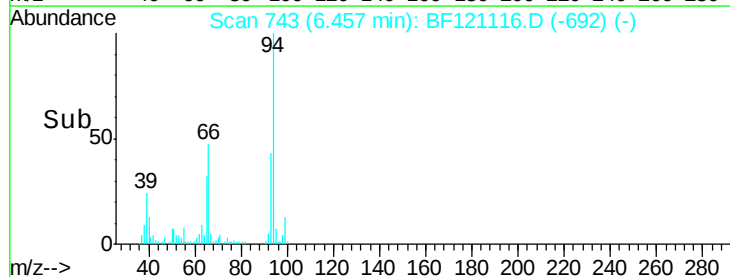
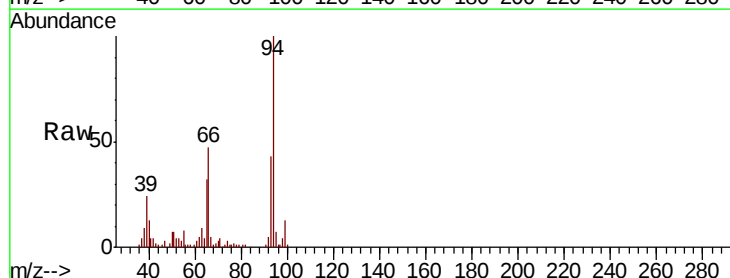
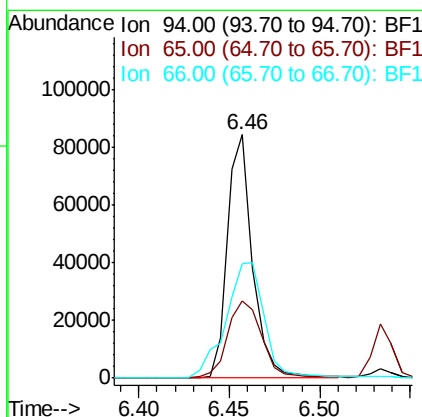
RT: 6.46 min Scan# 743

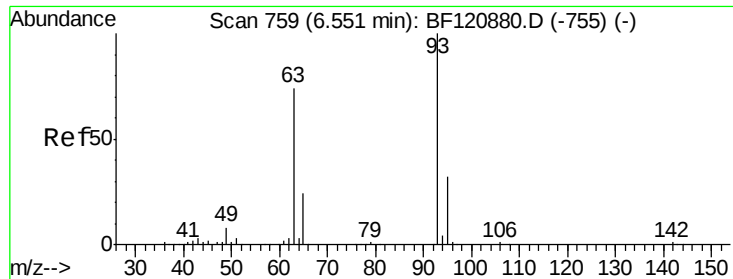
Delta R.T. -0.00 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Tgt Ion:	94	Resp:	82156
Ion	Ratio	Lower	Upper
94	100		
65	31.8	12.6	52.6
66	46.9	25.6	65.6





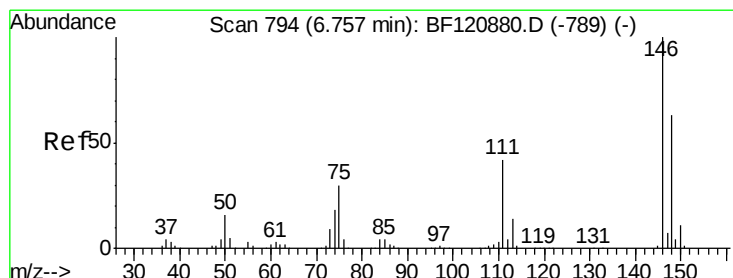
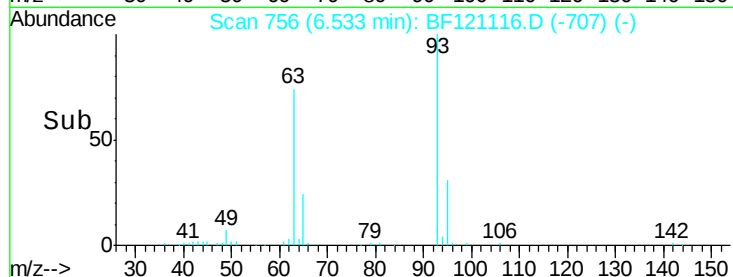
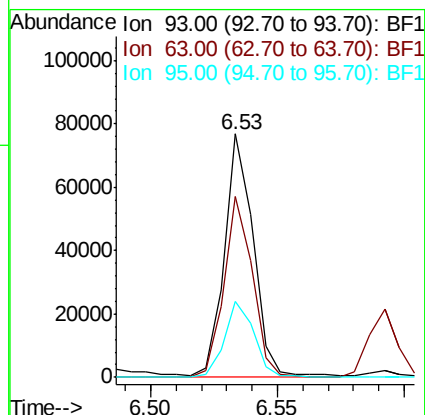
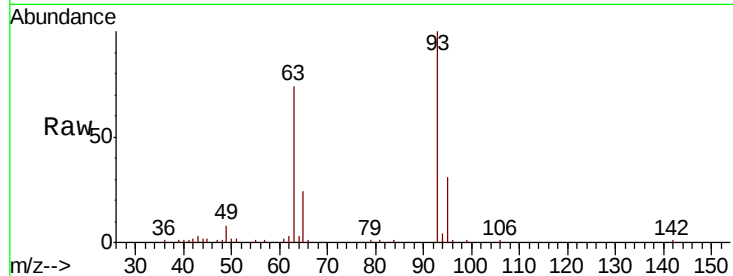
#11
bis(2-Chloroethyl)ether
Concen: 5.056 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Instrument :
BNA_F
ClientSampled :
20MSD

Tot Ion:	93	Resp:	61109
Ion	Ratio	Lower	Upper
93	100		
63	74.3	51.9	91.9
95	31.4	13.2	53.2

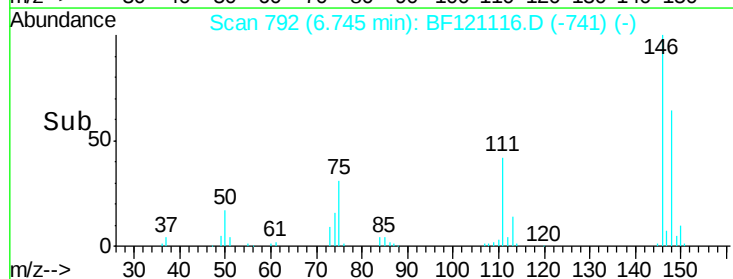
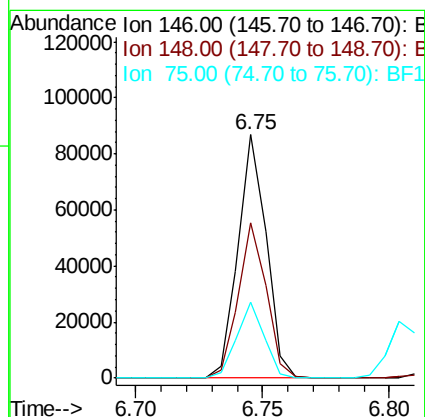
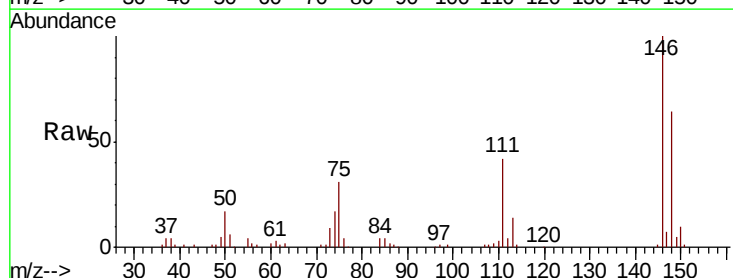
Manual Integrations
APPROVED

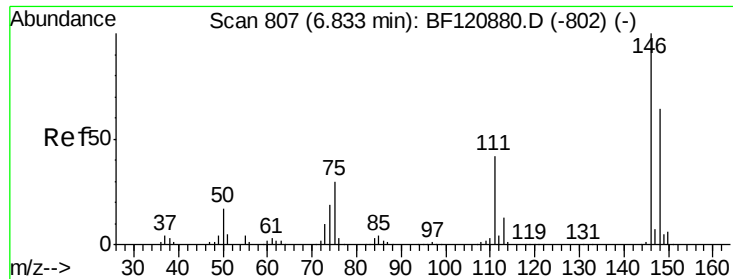
mohammad
7/30/2020 3:34:00 PM



#12
1,3-Dichlorobenzene
Concen: 5.073 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion:	146	Resp:	67247
Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.7	77.5
75	31.4	23.8	35.6





#13

1,4-Dichlorobenzene

Concen: 5.211 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

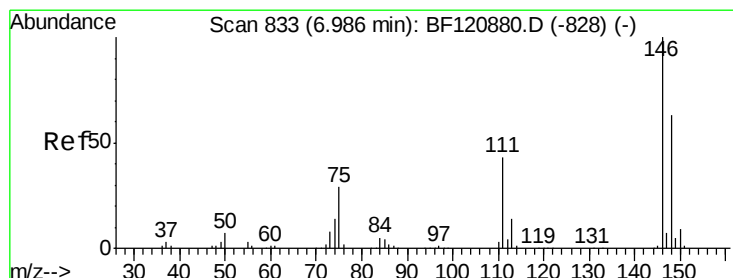
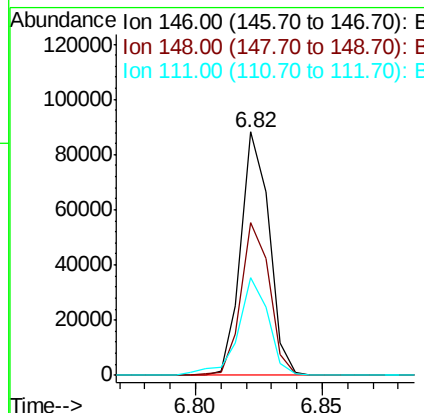
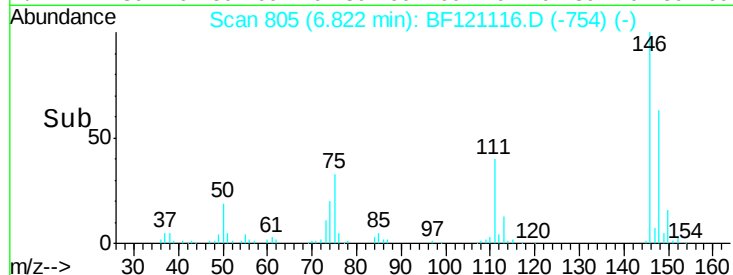
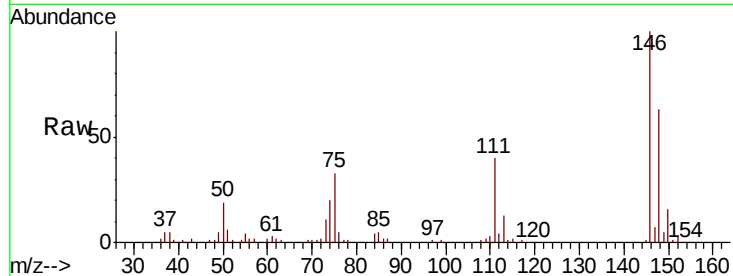
ClientSampled :

20MSD

Tot Ion:	146	Resp:	68693
Ion Ratio	Lower	Upper	
146	100		
148	62.9	50.5	75.7
111	40.2	32.8	49.2

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#14

1,2-Dichlorobenzene

Concen: 5.241 ng

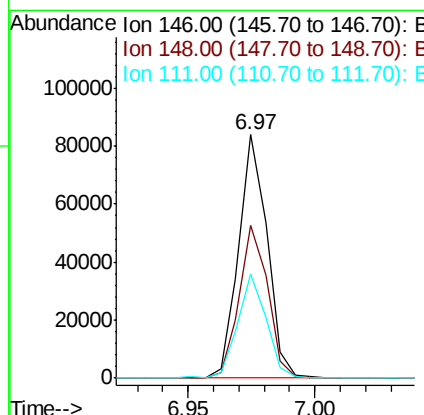
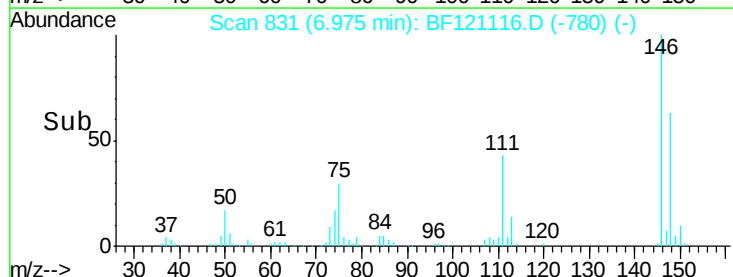
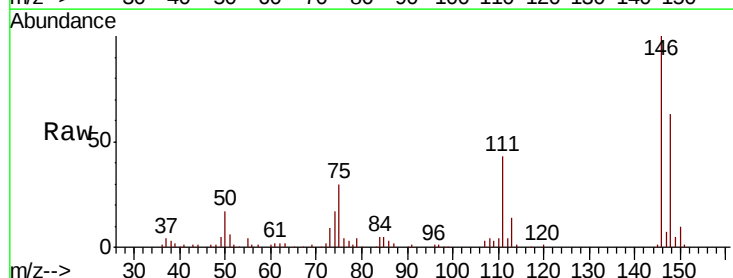
RT: 6.97 min Scan# 831

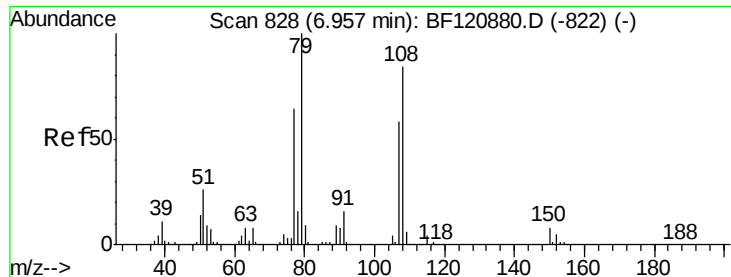
Delta R.T. -0.00 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Tgt Ion:	146	Resp:	65364
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.8	76.2
111	42.6	35.4	53.0





#15

Benzyl Alcohol

Concen: 4.570 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

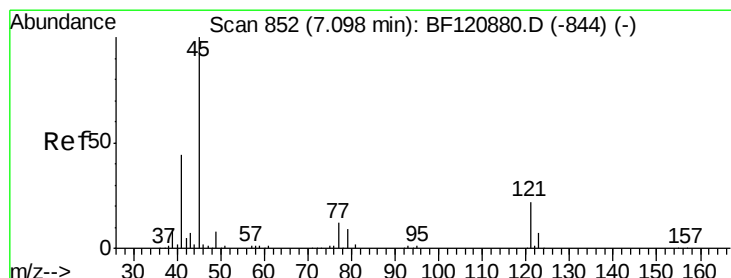
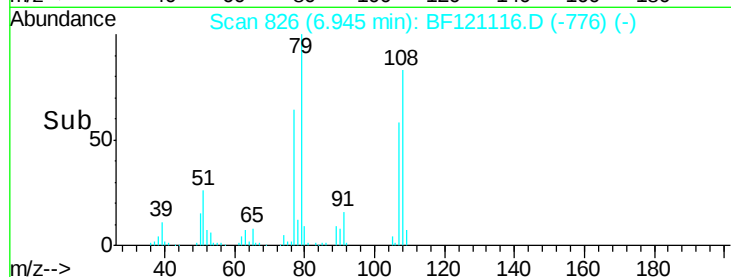
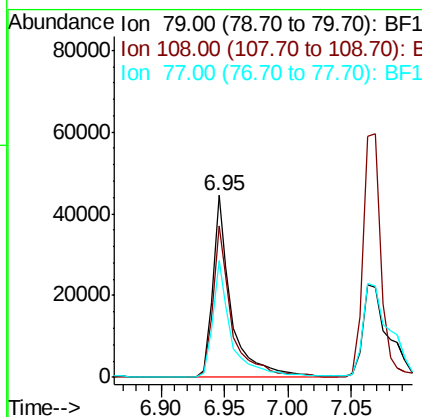
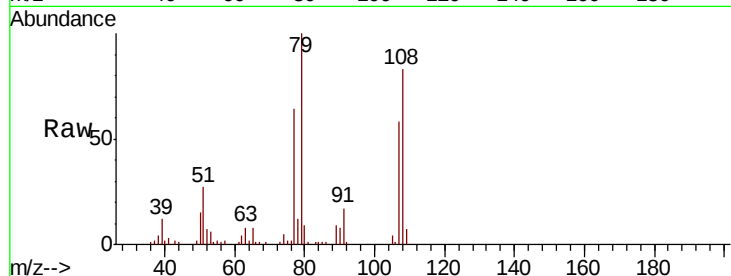
ClientSampled :

20MSD

Tot Ion:	79	Resp:	46333
Ion Ratio	Lower	Upper	
79	100		
108	82.9	68.6	103.0
77	64.0	51.4	77.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 4.737 ng

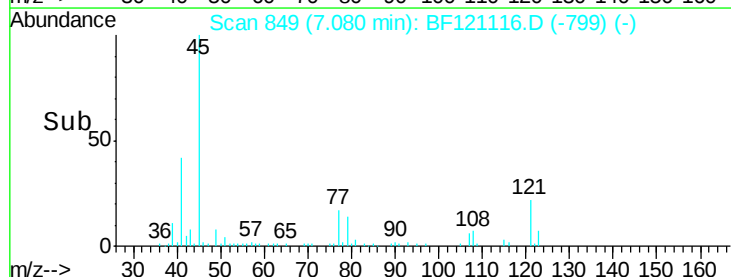
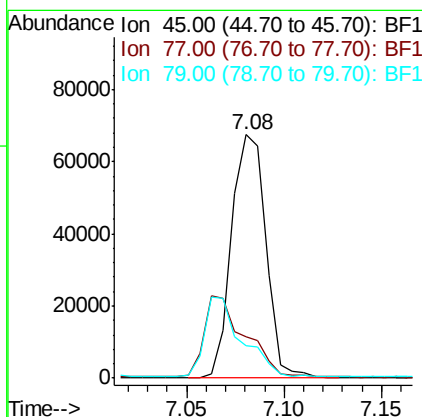
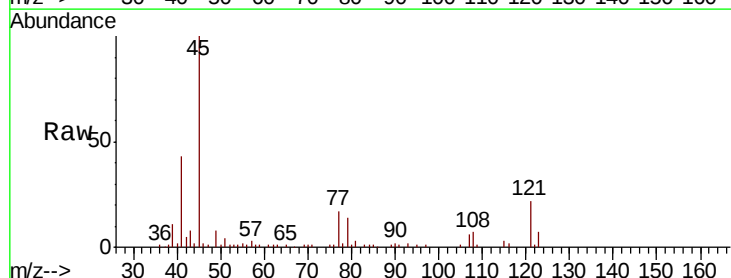
RT: 7.08 min Scan# 849

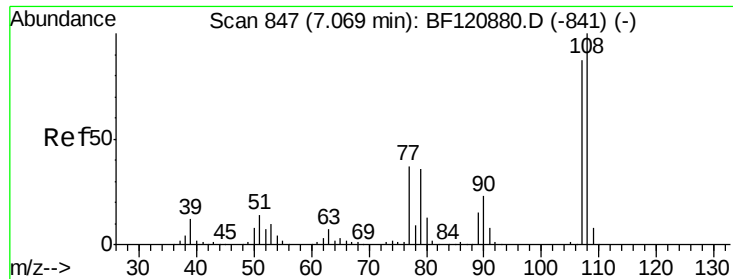
Delta R.T. -0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Tgt Ion:	45	Resp:	82515
Ion Ratio	Lower	Upper	
45	100		
77	17.0	0.0	34.7
79	13.6	0.0	32.0





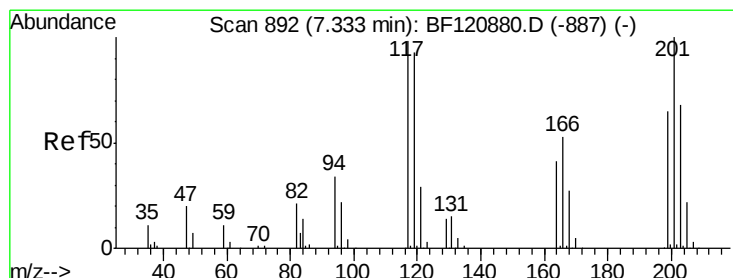
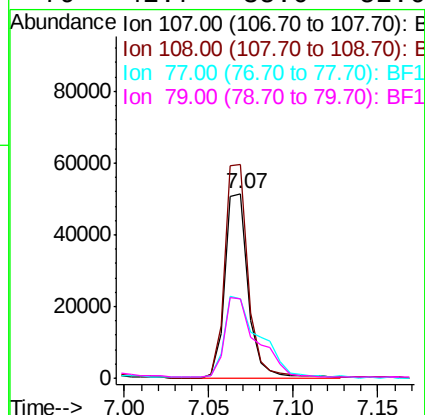
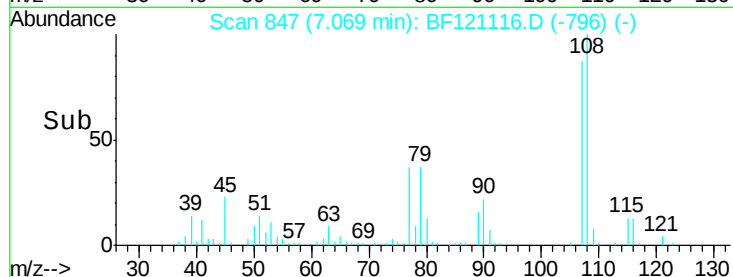
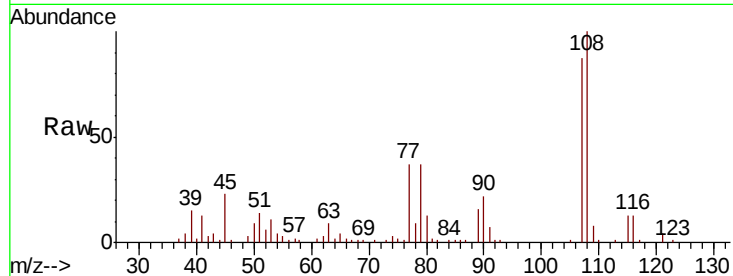
#17
2-Methylphenol
Concen: 4.652 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Instrument :
BNA_F
ClientSampleId :
20MSD

Tot Ion:	107	Resp:	50406
Ion	Ratio	Lower	Upper
107	100		
108	115.6	91.2	136.8
77	43.1	36.5	54.7
79	42.7	35.0	52.6

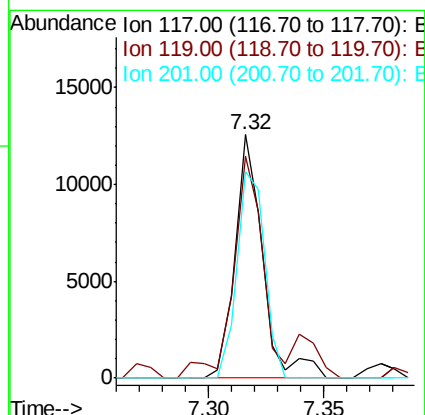
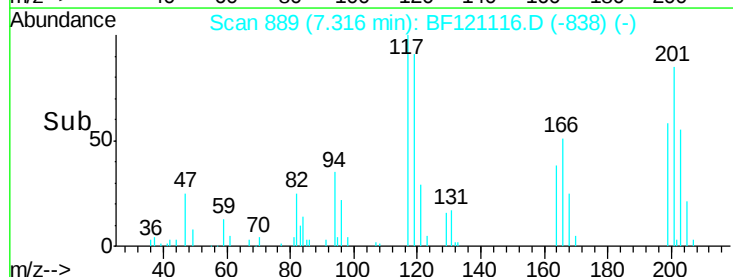
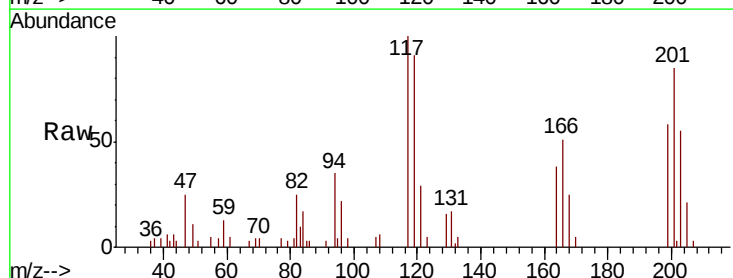
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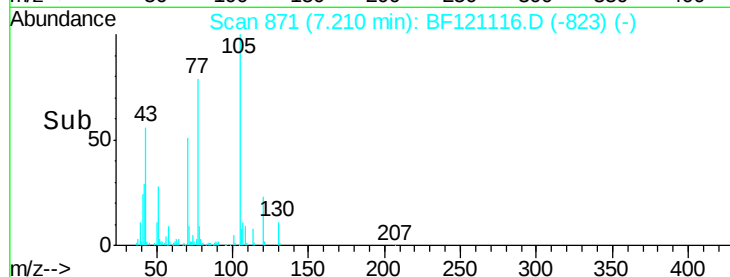
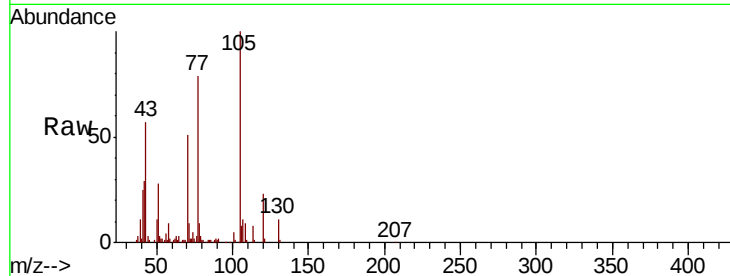
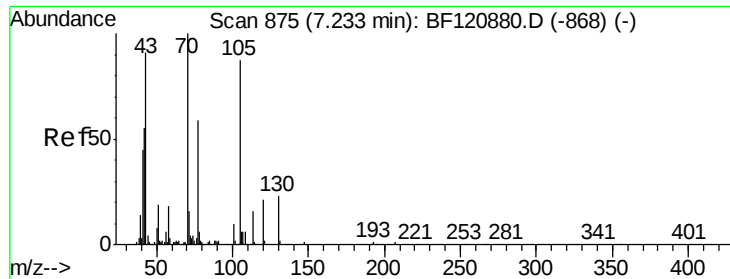
mohammad
7/30/2020 3:34:00 PM



#18
Hexachloroethane
Concen: 2.203 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion:	117	Resp:	10509
Ion	Ratio	Lower	Upper
117	100		
119	90.9	76.6	114.8
201	85.0	75.0	112.4





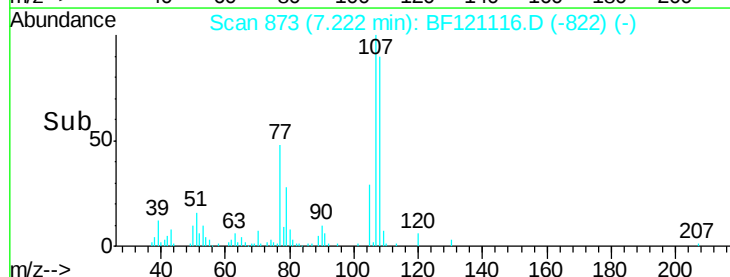
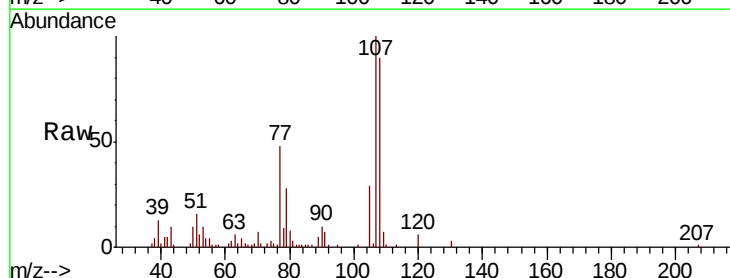
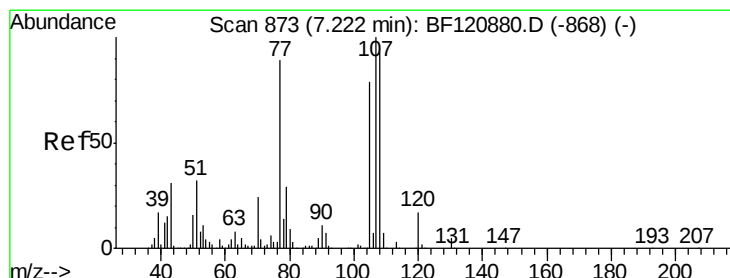
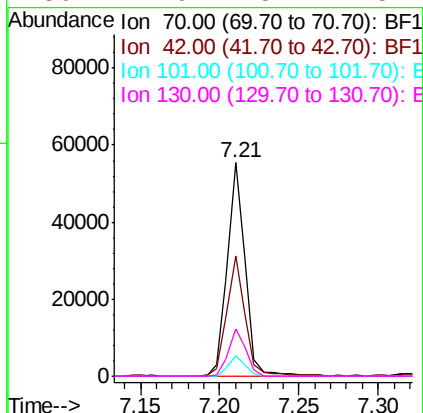
#19
n-Nitroso-di-n-propylamine
Concen: 5.322 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Instrument :
BNA_F
ClientSampleId :
20MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.6	43.3	64.9
101	9.9	8.4	12.6
130	21.9	18.7	28.1

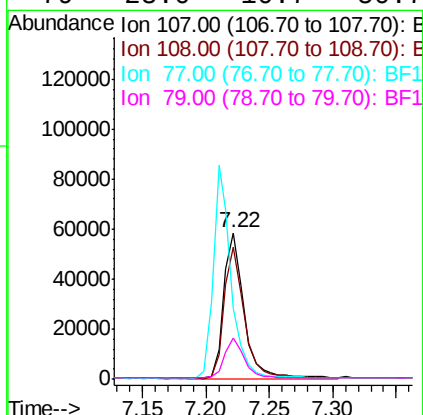
Manual Integrations
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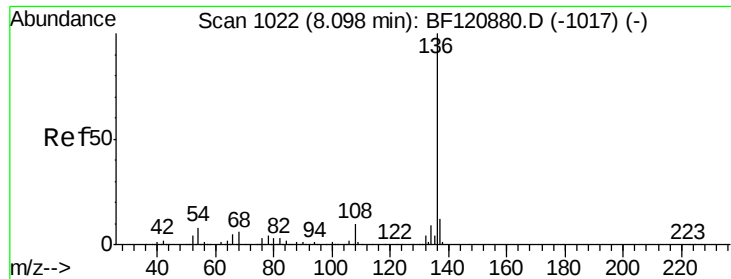
mohammad
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#20
3+4-Methylphenols
Concen: 4.815 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	73.7	113.7
77	48.1	84.9	124.9#
79	28.0	10.7	50.7





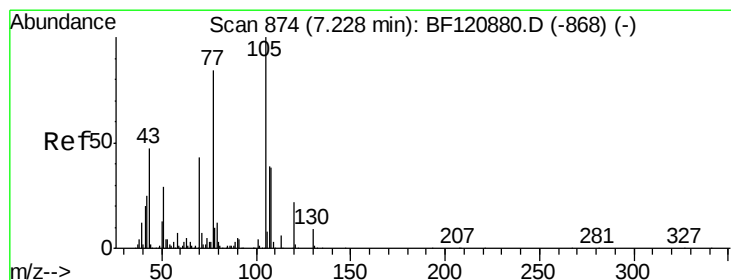
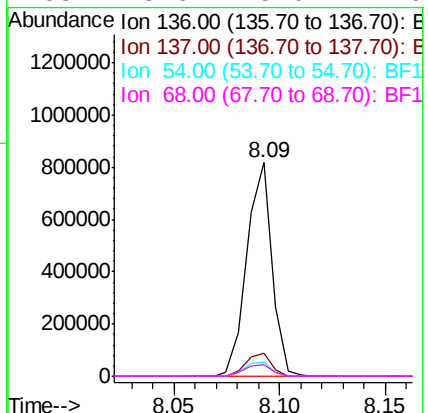
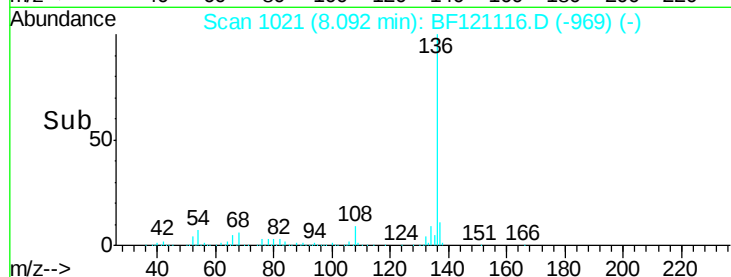
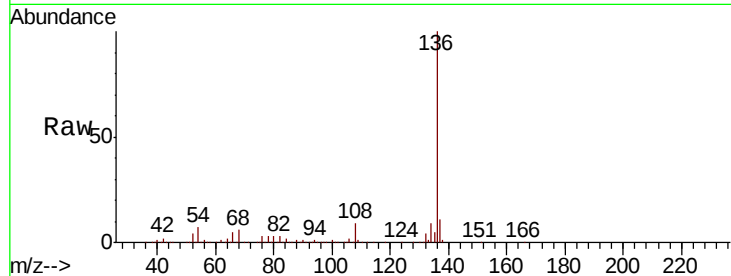
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Instrument :
BNA_F
ClientSampleId :
20MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		676990		
137	10.9		9.0	13.4	
54	6.7		6.1	9.1	
68	5.6		5.0	7.6	

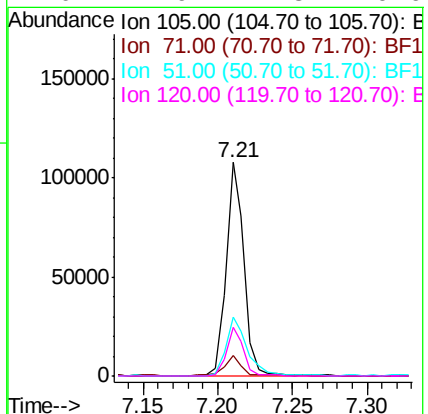
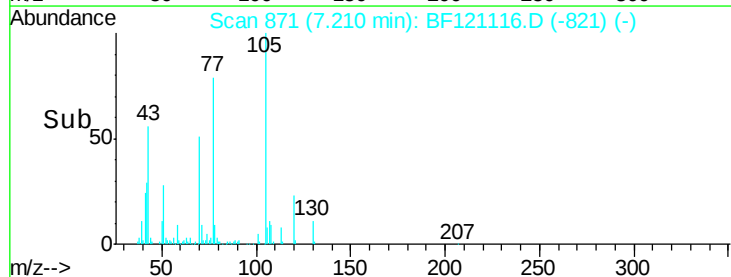
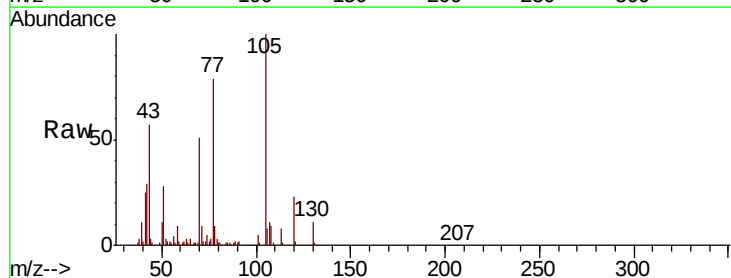
Manual Integrations
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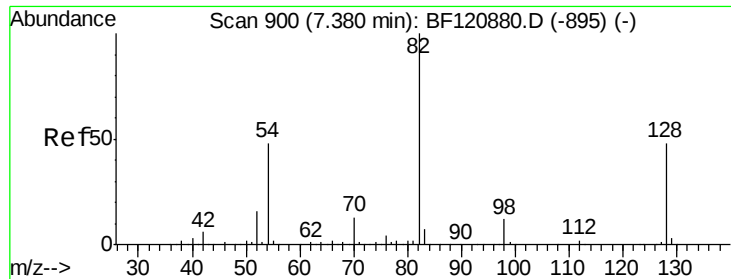
mohammad
7/30/2020 3:34:00 PM



#22
Acetophenone
Concen: 6.030 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		91621		
71	9.3		3.8	5.8#	
51	27.8		28.0	42.0#	
120	22.9		17.8	26.6	





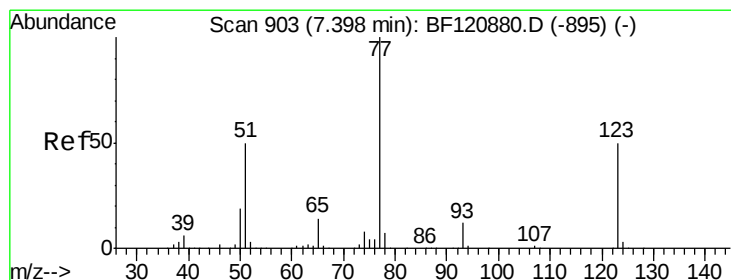
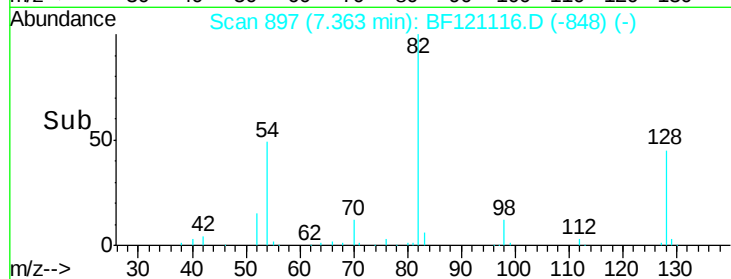
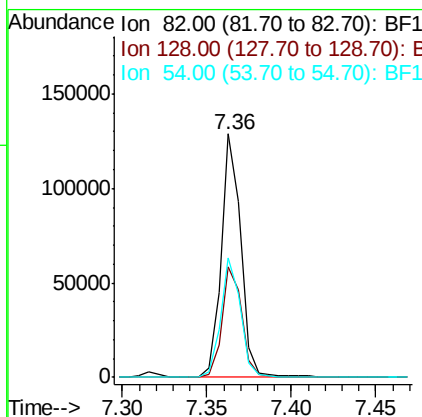
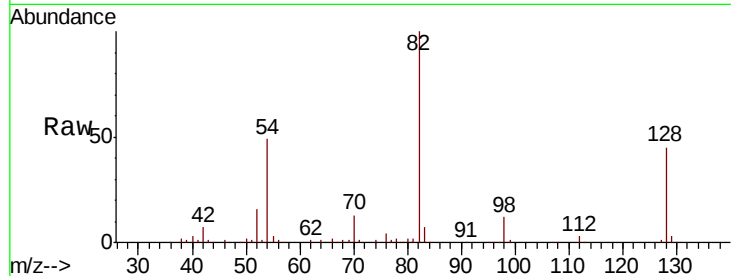
#23
 Nitrobenzene-d5
 Concen: 8.936 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

Instrument :
 BNA_F
 ClientSampleId :
 20MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.3	39.2	58.8	
54	49.1	37.8	56.8	

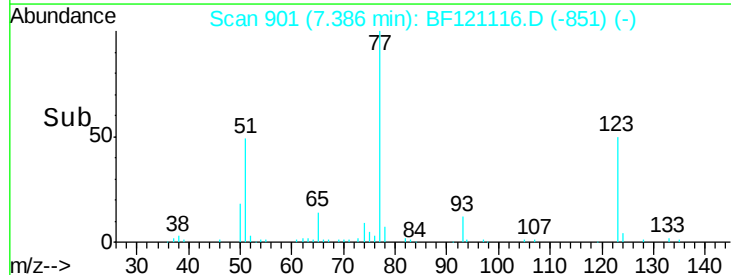
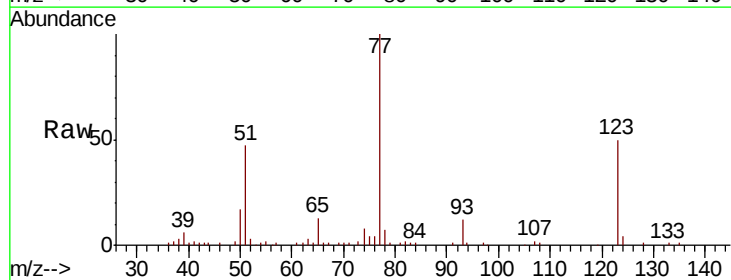
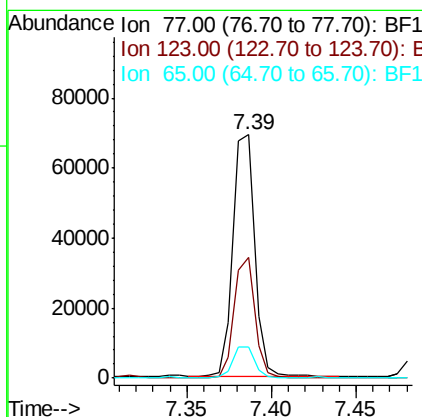
Manual Integrations
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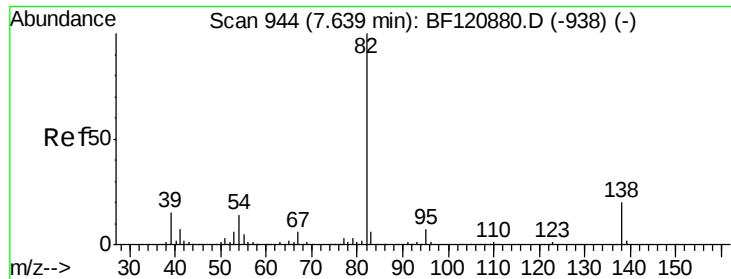
mohammad
 7/30/2020 3:34:00 PM



#24
 Nitrobenzene
 Concen: 4.890 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.6	41.0	61.6	
65	12.6	10.3	15.5	





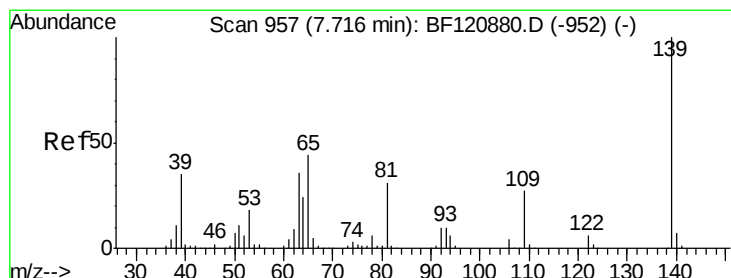
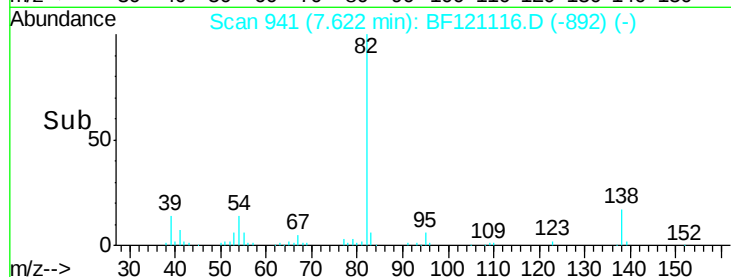
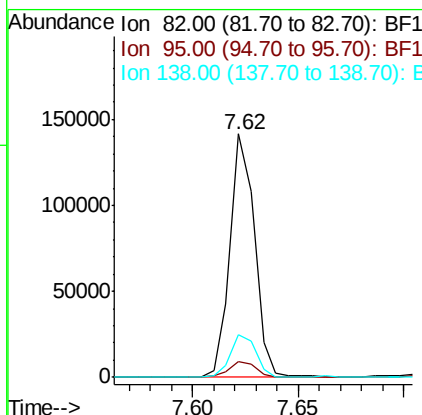
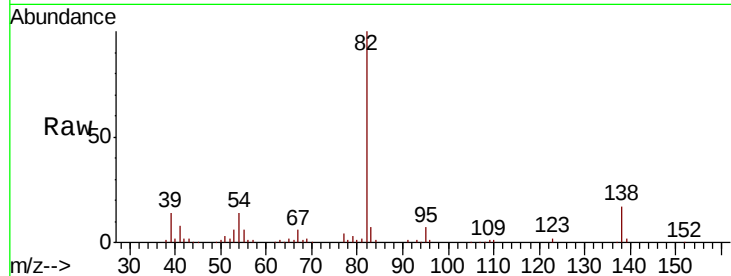
#25
Isophorone
Concen: 4.902 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Instrument :
BNA_F
ClientSampleId :
20MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	114457		
95	6.6	5.5	8.3	
138	17.3	16.2	24.2	

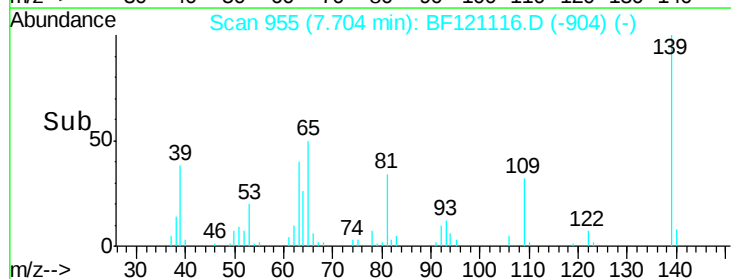
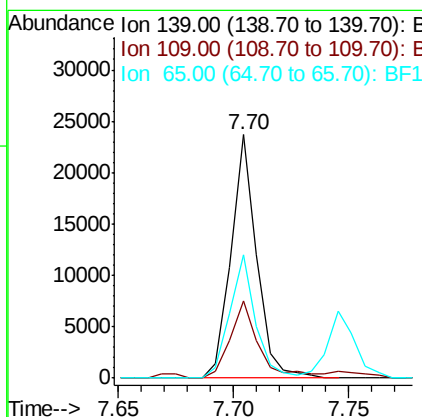
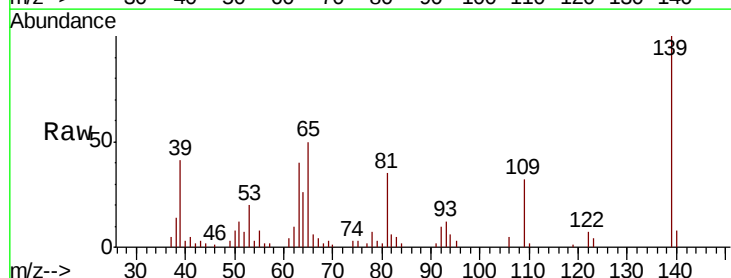
Manual Integrations
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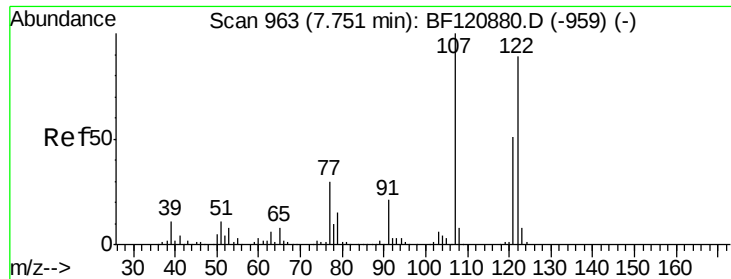
mohammad
7/30/2020 3:34:00 PM



#26
2-Nitrophenol
Concen: 3.054 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	18291		
109	31.7	21.7	32.5	
65	50.4	36.3	54.5	





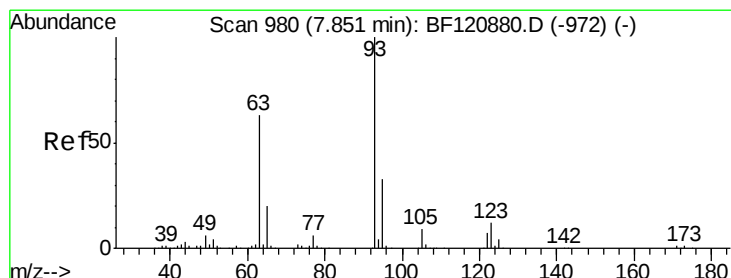
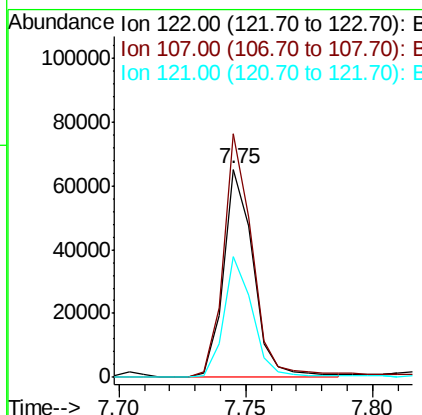
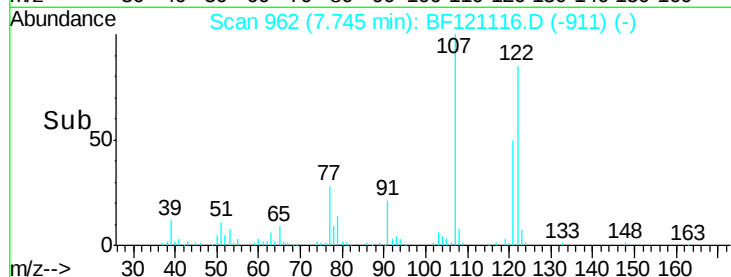
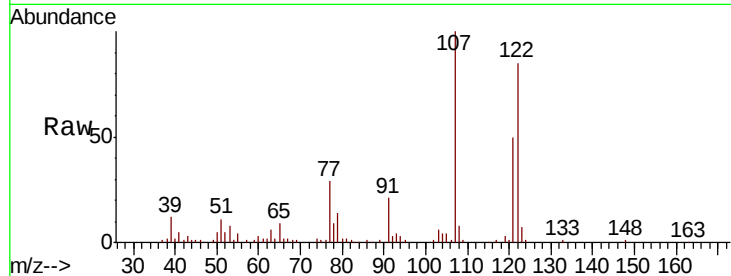
#27
2,4-Dimethylphenol
Concen: 5.525 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Instrument :
BNA_F
ClientSampleId :
20MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.1	87.1	130.7
121	58.2	45.5	68.3

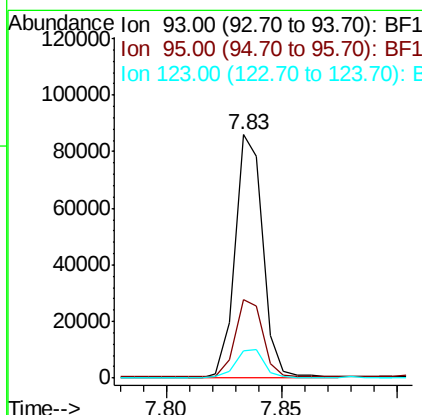
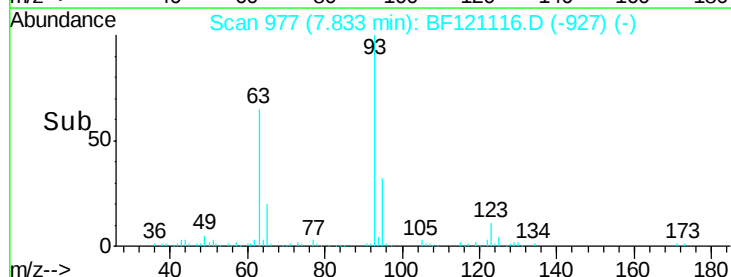
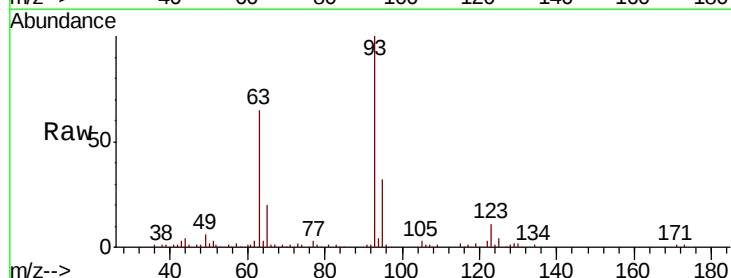
Manual Integrations
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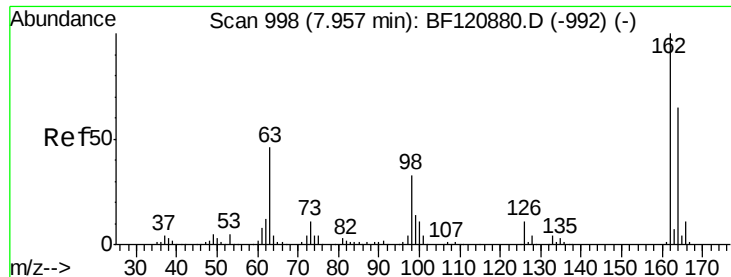
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 5.122 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.4
123	11.3	9.5	14.3





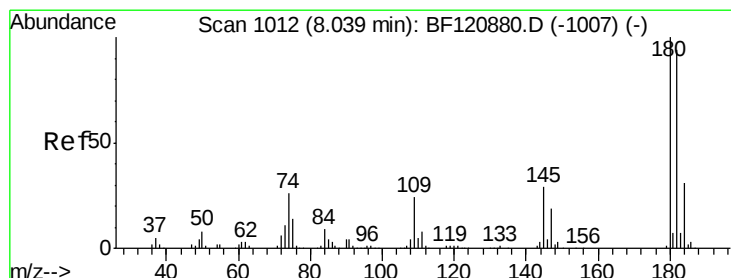
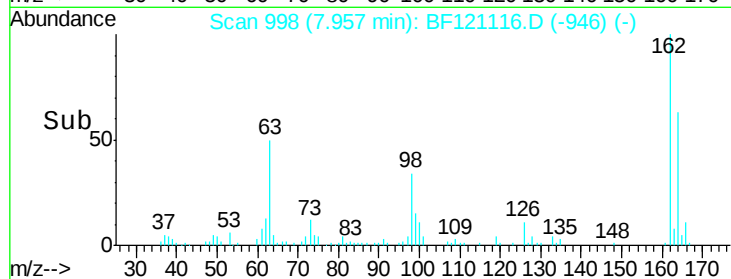
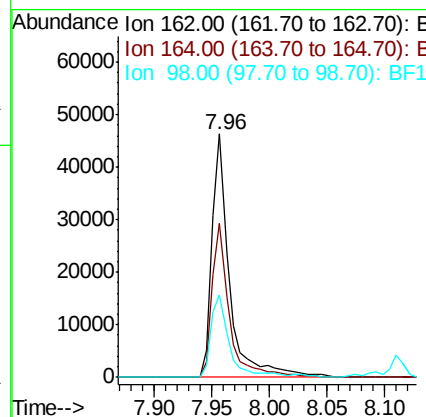
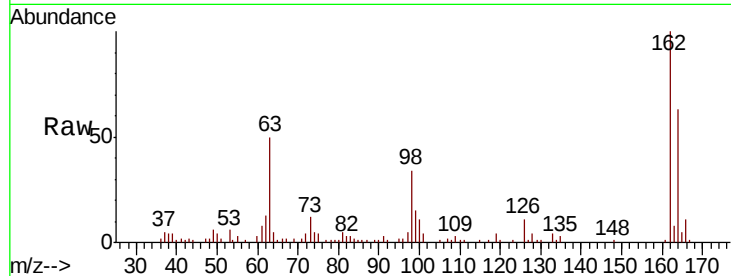
#29
2,4-Dichlorophenol
Concen: 4.956 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Instrument :
BNA_F
ClientSampleId :
20MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.7	84.7
98	34.1	14.2	54.2

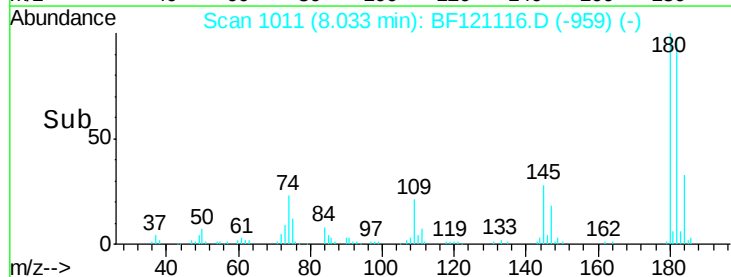
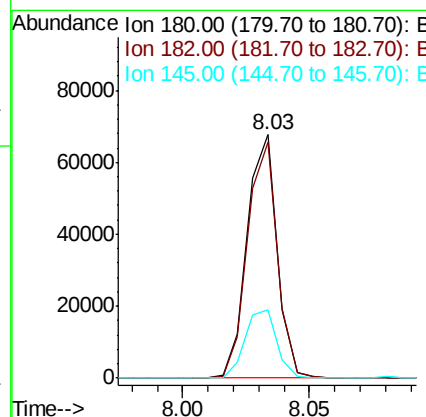
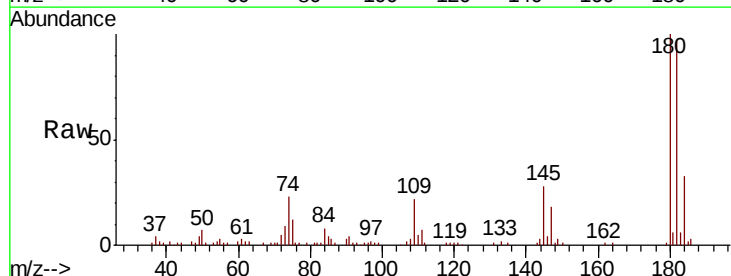
Manual Integrations
APPROVED

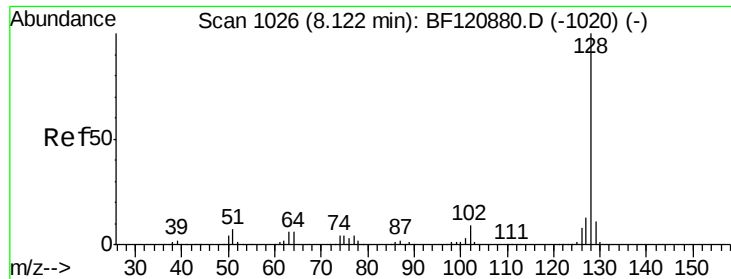
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 5.035 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.4	114.6
145	28.0	24.2	36.4





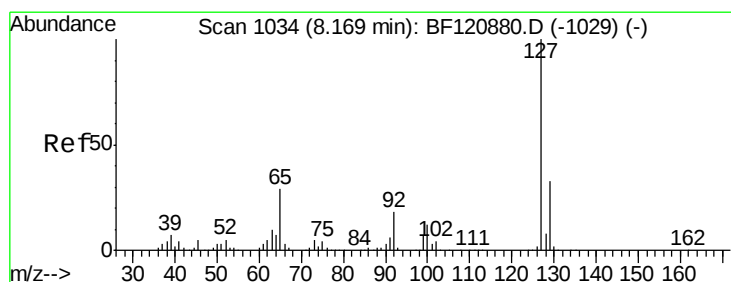
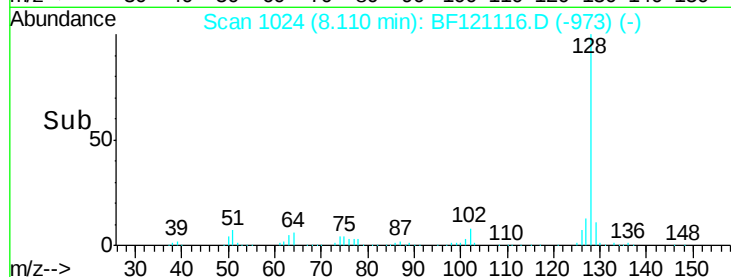
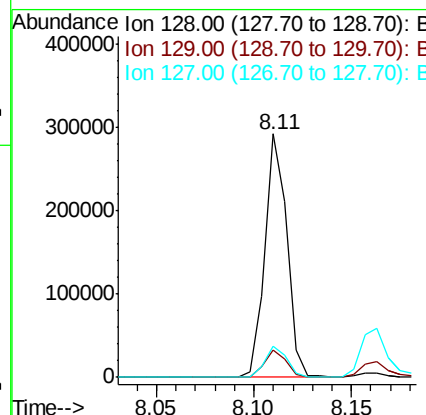
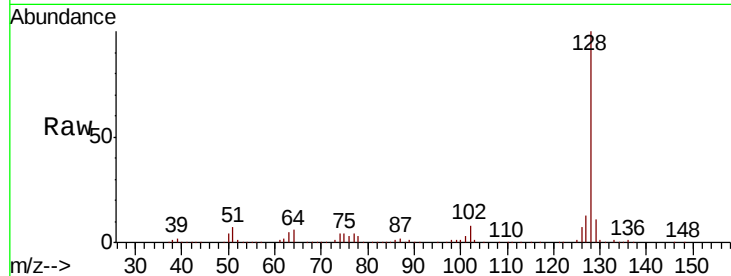
#31
Naphthalene
Concen: 6.569 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Instrument :
BNA_F
ClientSampleId :
20MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	12.9	10.8	16.2

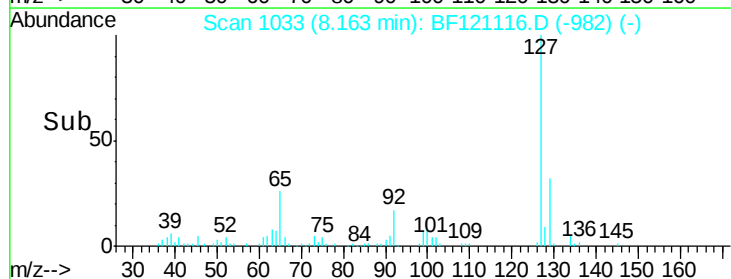
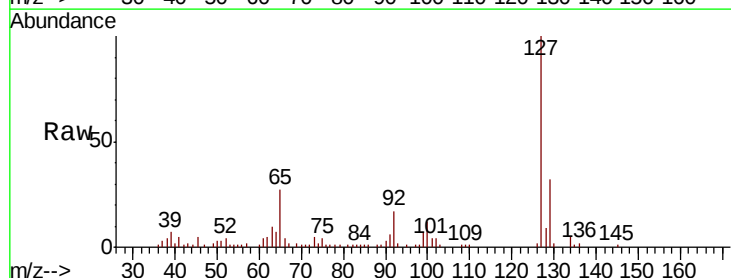
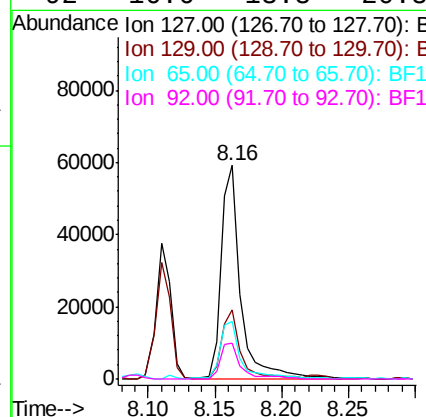
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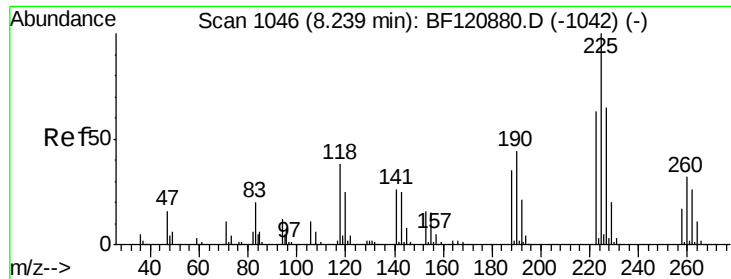
mohammad
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#33
4-Chloroaniline
Concen: 3.963 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	26.9	21.4	32.0
92	16.6	13.8	20.8





#34

Hexachlorobutadiene

Concen: 5.099 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

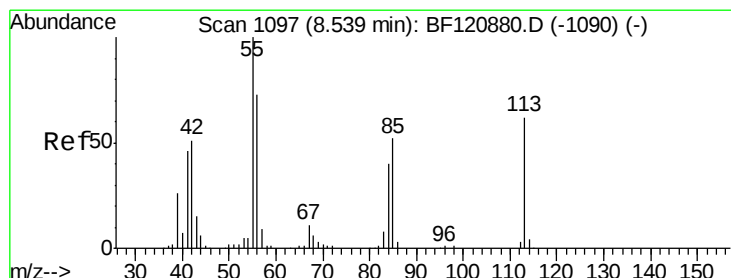
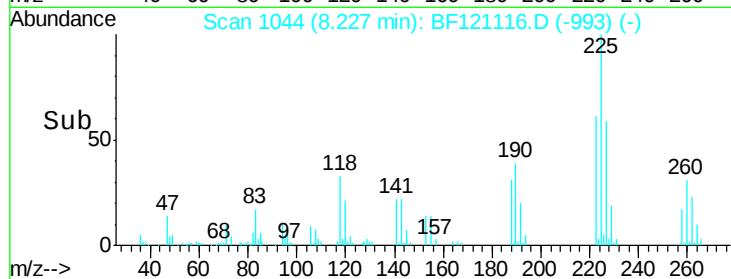
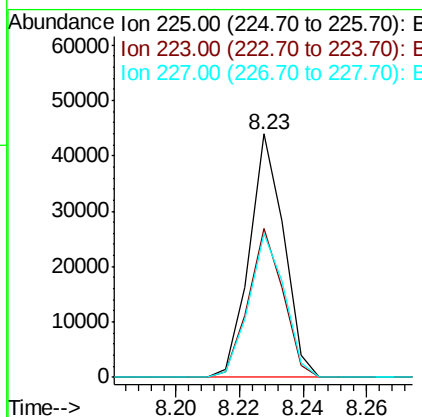
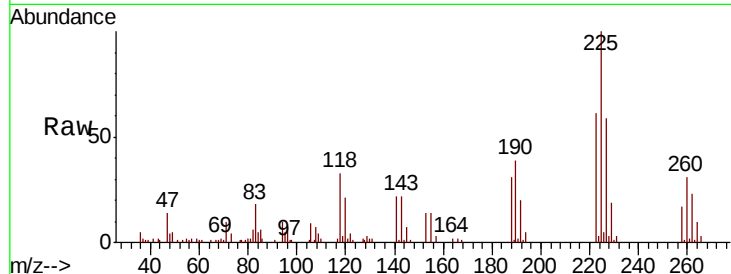
ClientSampleId :

20MSD

Tot Ion:	225	Resp:	33139
Ion Ratio	Lower	Upper	
225	100		
223	61.2	49.7	74.5
227	59.1	51.4	77.0

Manual Integrations
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#35

Caprolactam

Concen: 4.595 ng

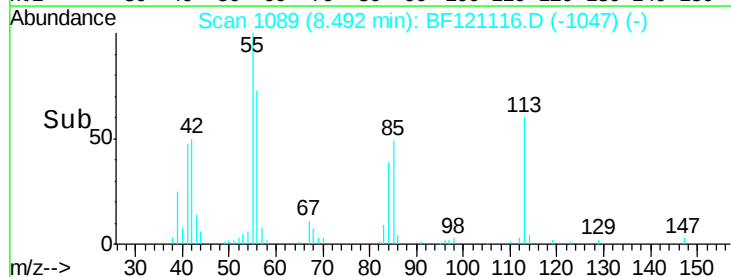
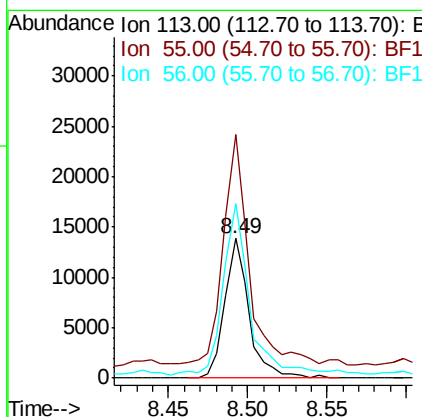
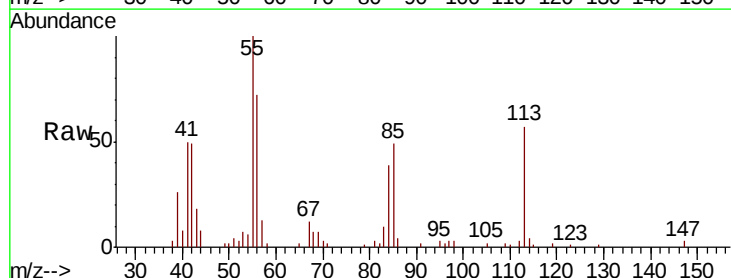
RT: 8.49 min Scan# 1089

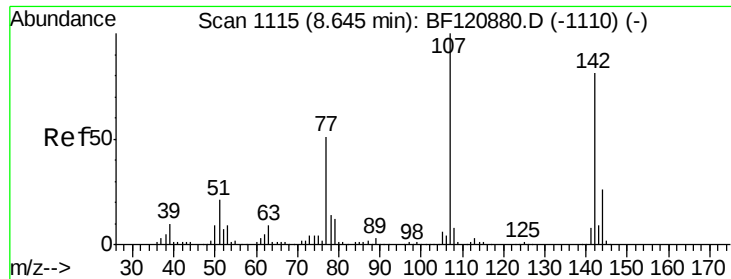
Delta R.T. -0.05 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Tgt Ion:	113	Resp:	14642
Ion Ratio	Lower	Upper	
113	100		
55	174.6	131.0	171.0#
56	125.3	90.4	130.4





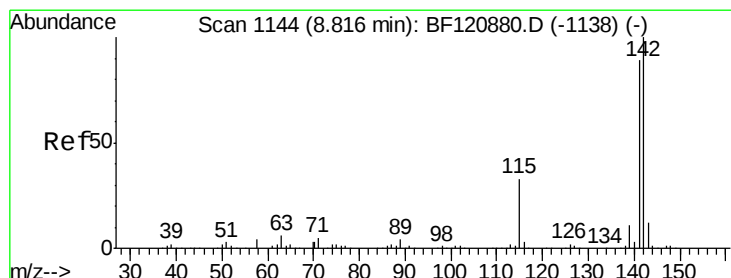
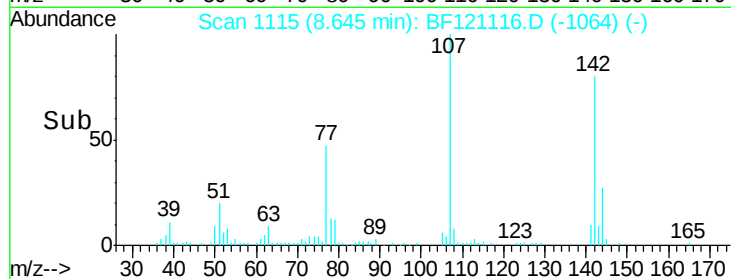
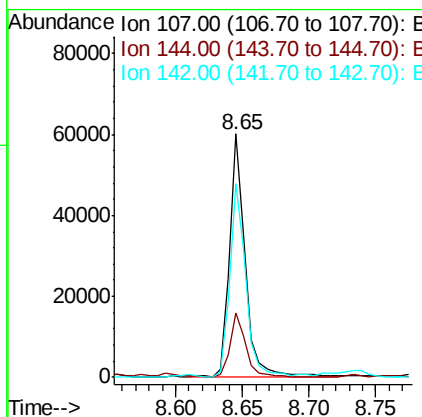
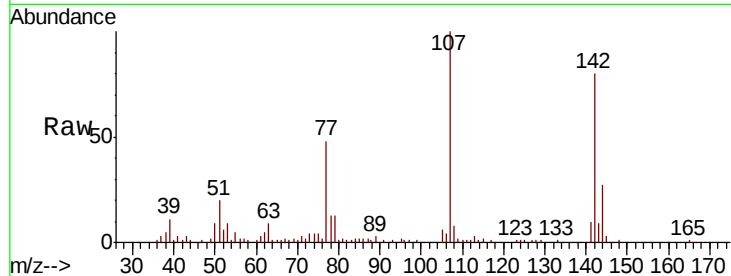
#36
 4-Chloro-3-methylphenol
 Concen: 4.974 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

Instrument :
 BNA_F
 ClientSampleId :
 20MSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.9	31.3
142	79.7	64.5	96.7

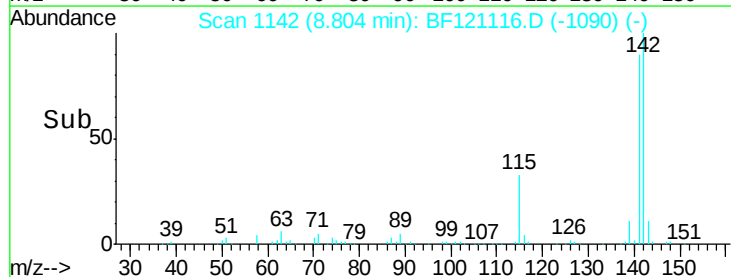
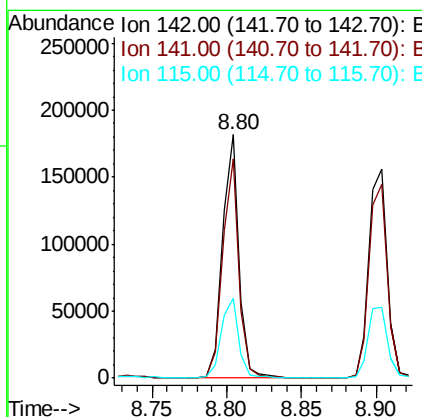
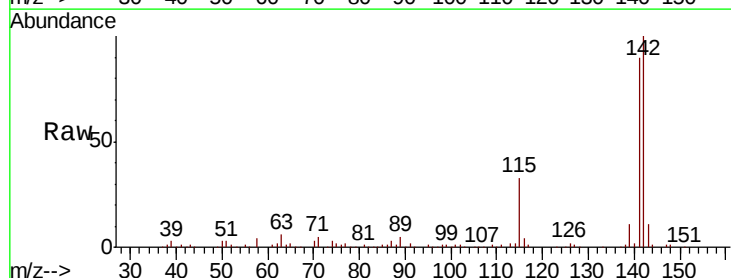
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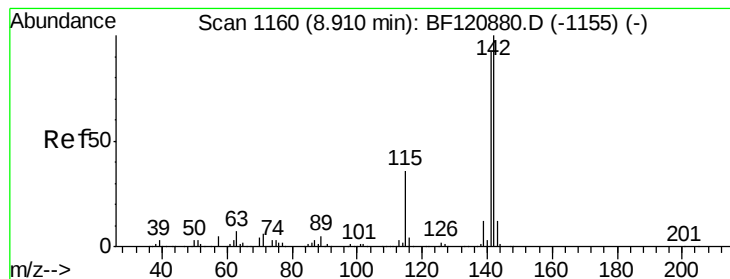
mohammad
 7/30/2020 3:34:00 PM



#37
 2-Methylnaphthalene
 Concen: 6.322 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.6	105.8
115	32.5	27.1	40.7





#38

1-Methylnaphthalene

Concen: 6.230 ng

RT: 8.90 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

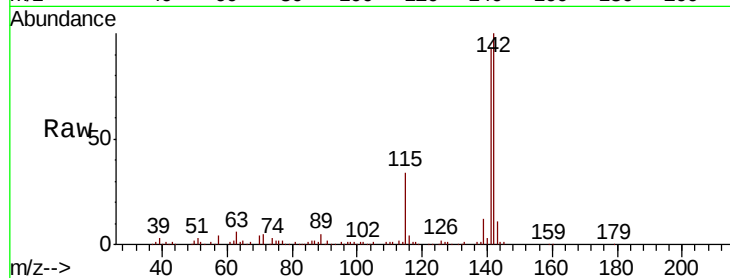
ClientSampleId :

20MSD

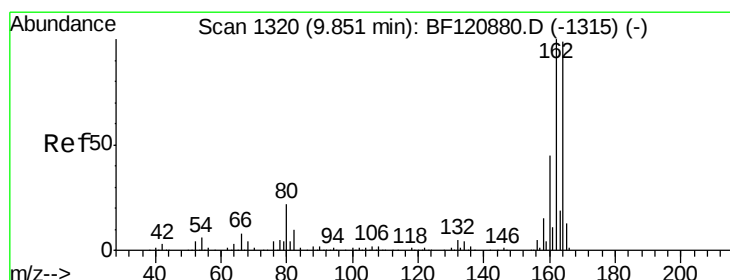
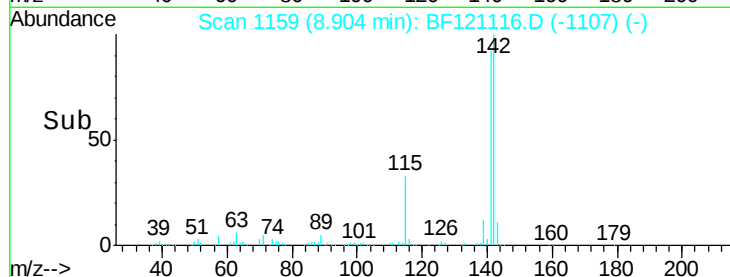
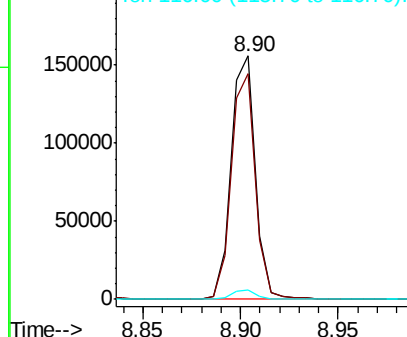
Tot Ion:	142	Resp:	133048
Ion Ratio	Lower	Upper	
142	100		
141	92.6	73.0	109.6
116	3.6	3.0	4.6

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

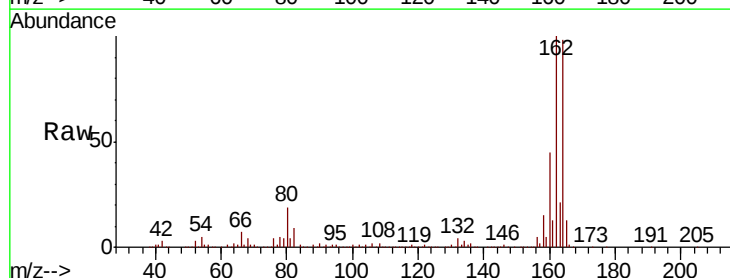
RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

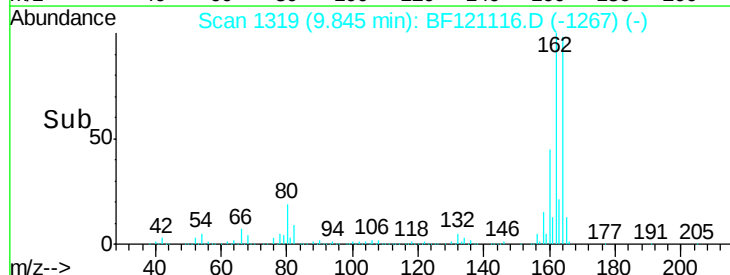
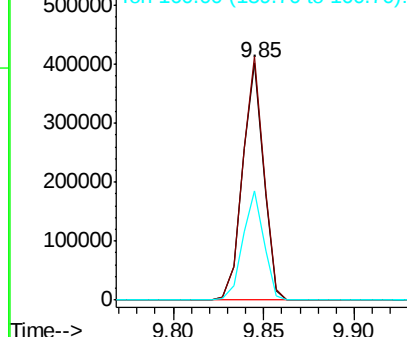
Lab File: BF121116.D

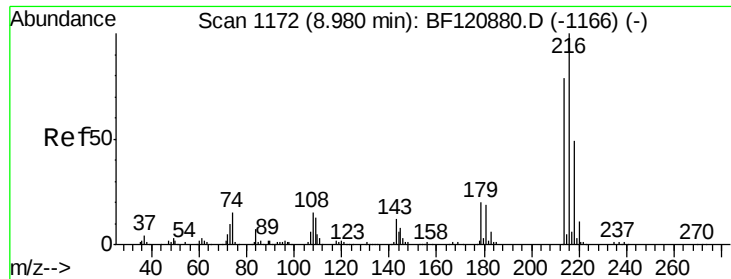
Acq: 29 Jul 2020 22:33

Tgt Ion:	164	Resp:	323807
Ion Ratio	Lower	Upper	
164	100		
162	102.6	82.2	123.2
160	45.8	37.2	55.8



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





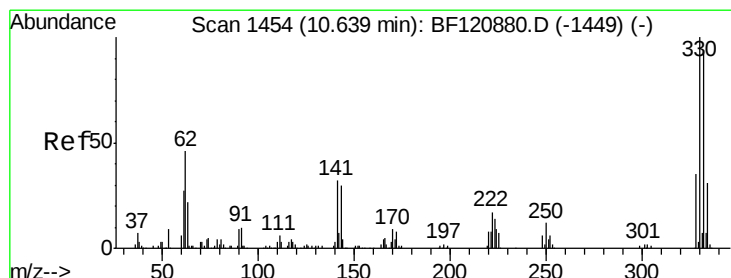
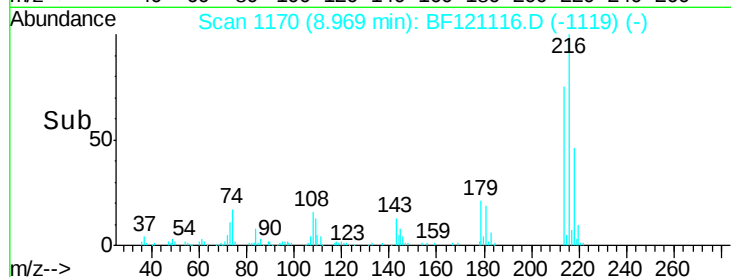
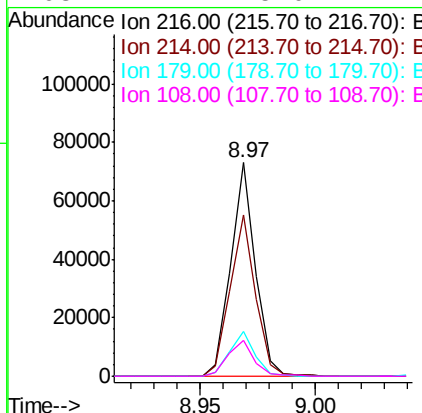
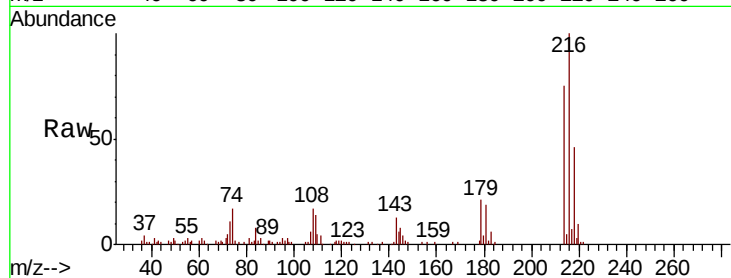
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 5.761 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

Instrument :
 BNA_F
 ClientSampleId :
 20MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		54354		
214	77.5	63.9	95.9		
179	21.5	16.6	24.8		
108	17.7	15.0	22.4		

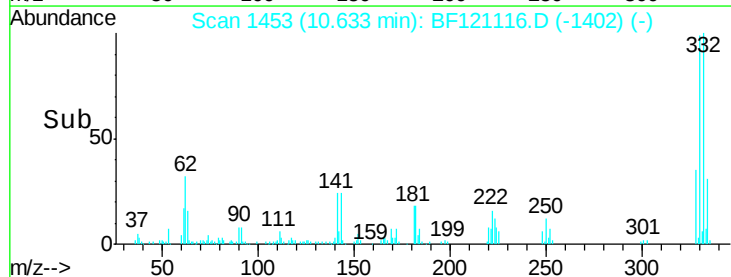
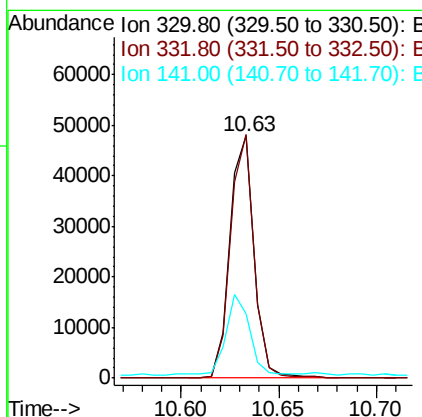
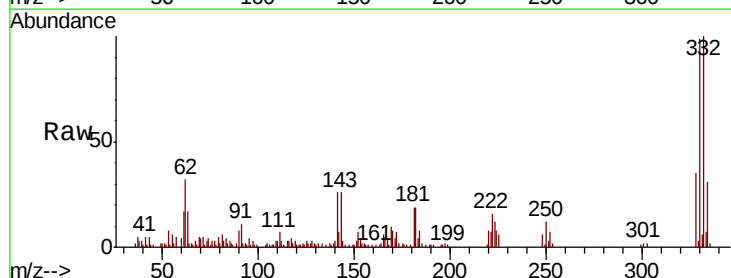
Manual Integrations
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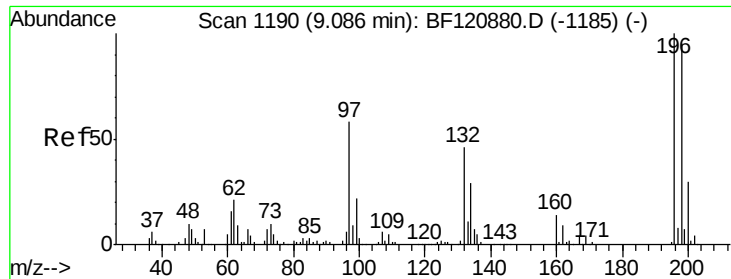
mohammad
 7/30/2020 3:34:00 PM



#42
 2,4,6-Tribromophenol
 Concen: 11.585 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100		41062		
332	98.2	76.1	114.1		
141	32.9	24.1	36.1		





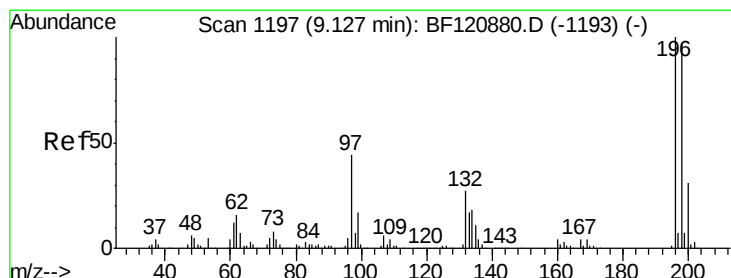
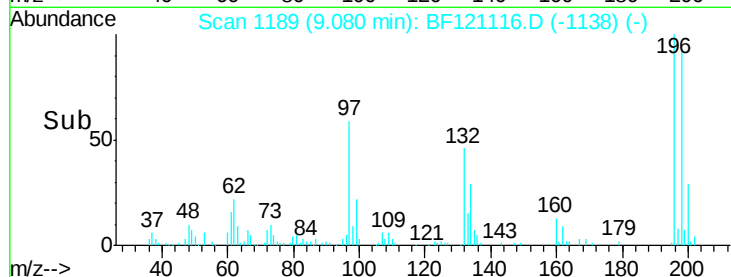
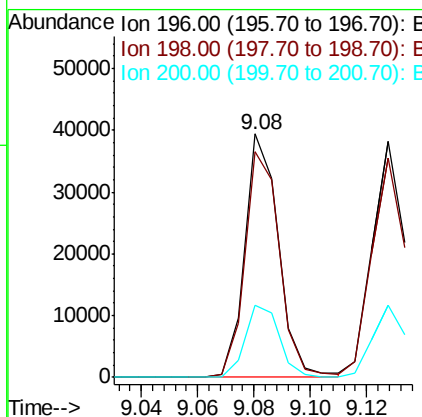
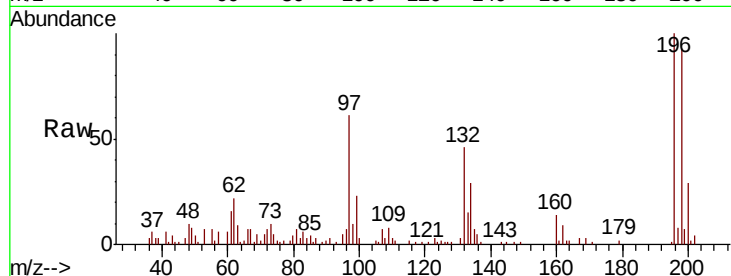
#43
 2,4,6-Trichlorophenol
 Concen: 4.926 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

Instrument :
 BNA_F
 ClientSampled :
 20MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	32719		
198	92.5		77.5	116.3
200	29.5		24.6	37.0

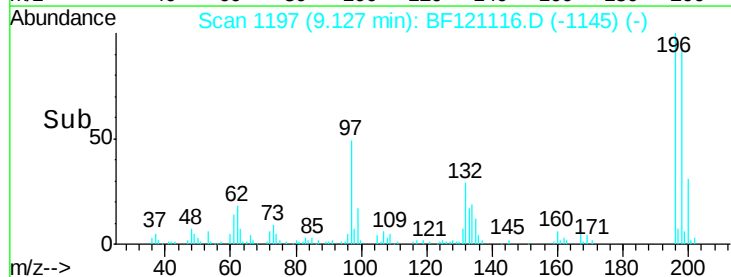
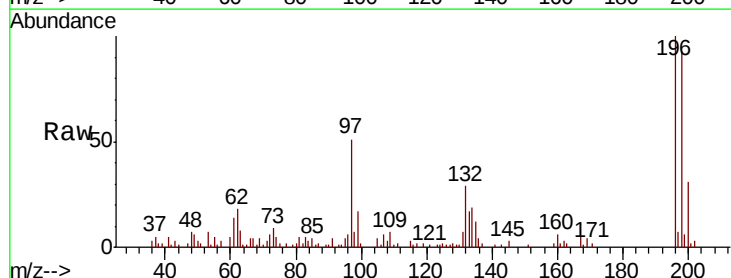
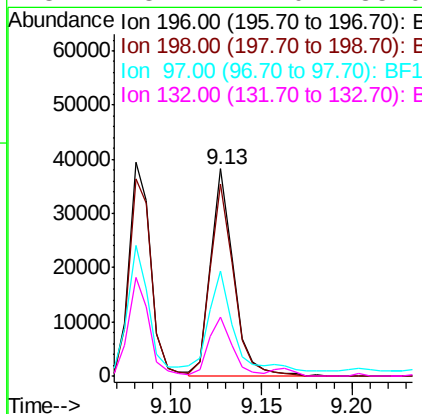
Manual Integrations
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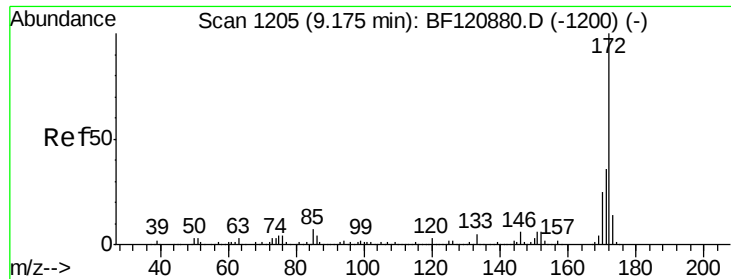
mohammad
 7/30/2020 3:34:00 PM



#44
 2,4,5-Trichlorophenol
 Concen: 4.506 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	33951		
198	92.9		76.2	114.4
97	50.9		37.3	55.9
132	28.7		22.0	33.0





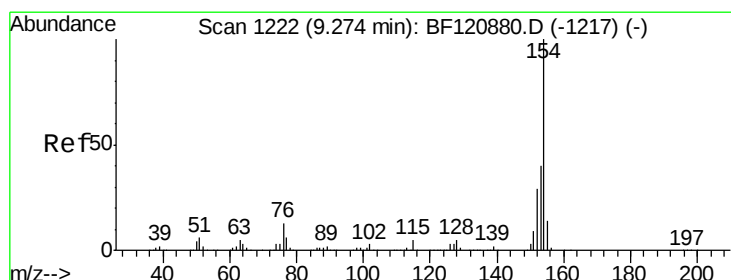
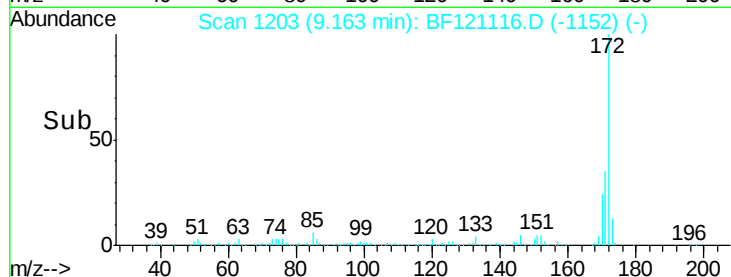
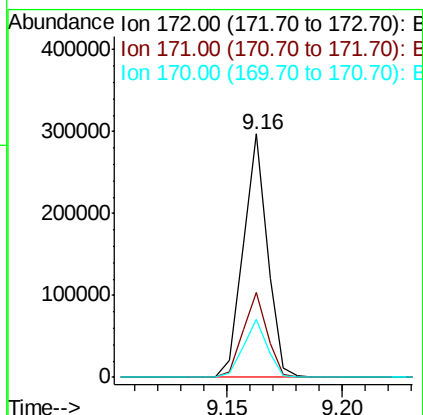
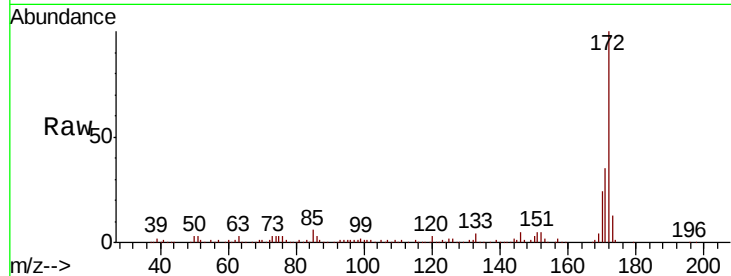
#45
2-Fluorobiphenyl
Concen: 10.042 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Instrument :
BNA_F
ClientSampleId :
20MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.0	43.4
170	23.7	19.6	29.4

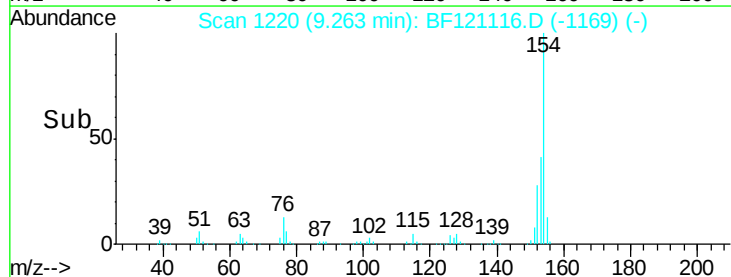
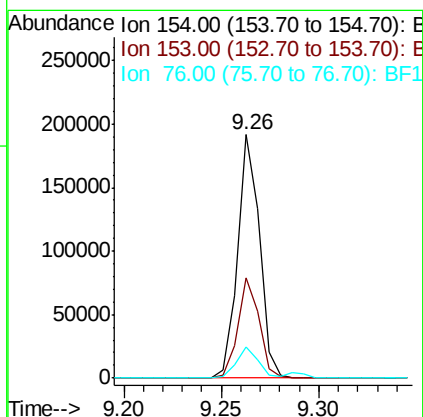
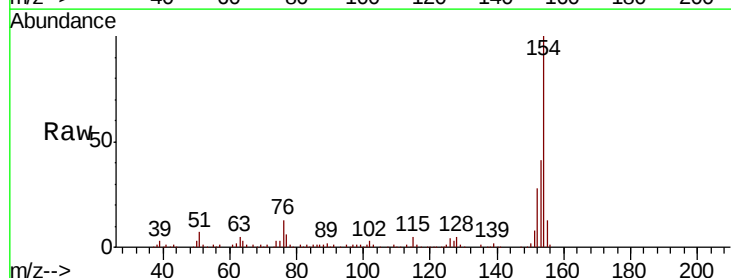
Manual Integrations
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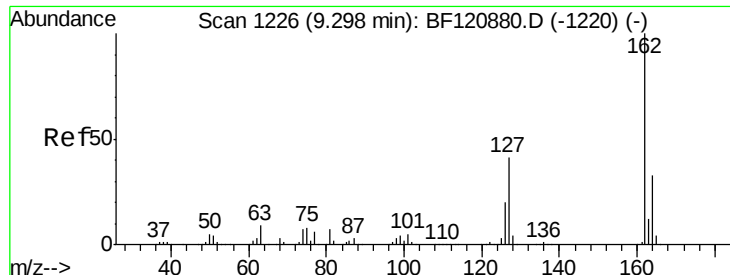
mohammad
7/30/2020 3:34:00 PM



#46
1,1'-Biphenyl
Concen: 6.016 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.6	60.6
76	12.9	0.0	33.4





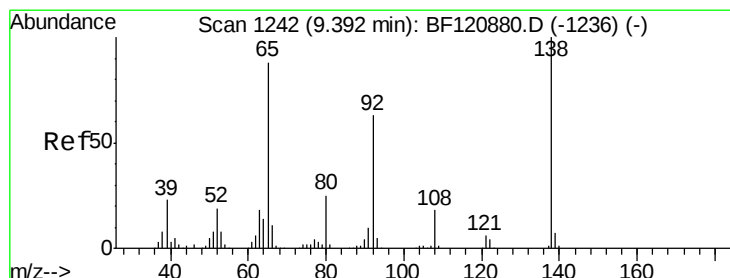
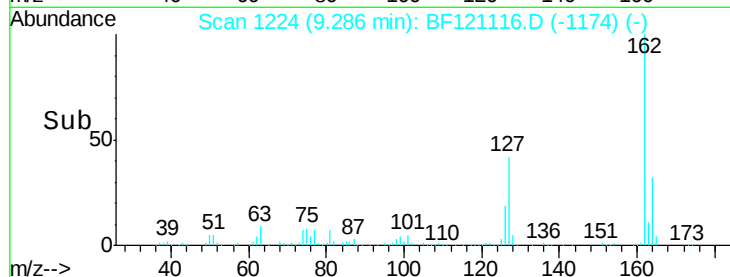
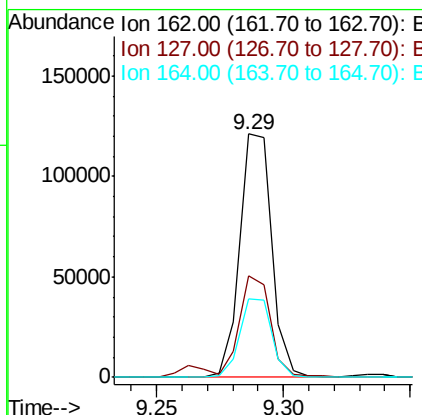
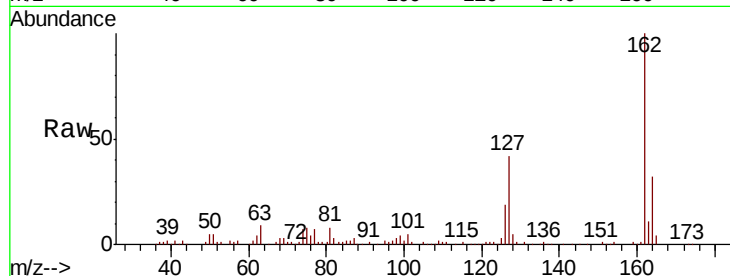
#47
2-Chloronaphthalene
Concen: 5.286 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Instrument :
BNA_F
ClientSampleId :
20MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.6	31.1	46.7	
164	32.2	26.6	40.0	

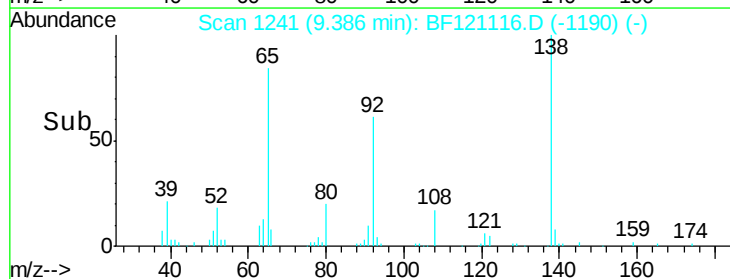
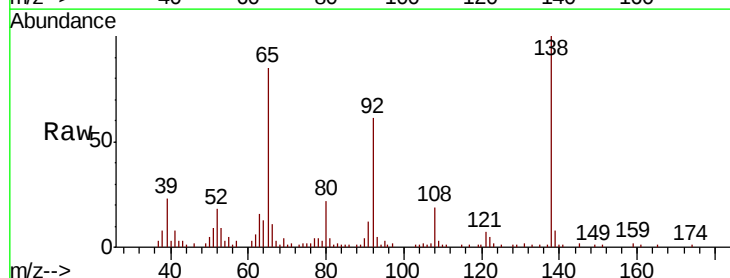
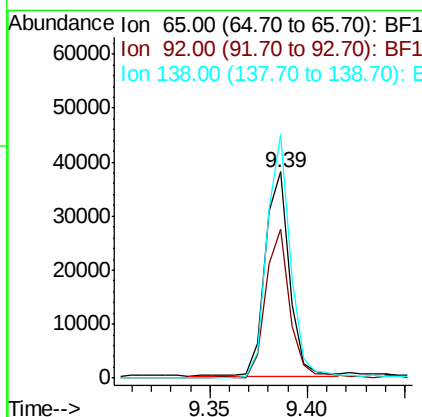
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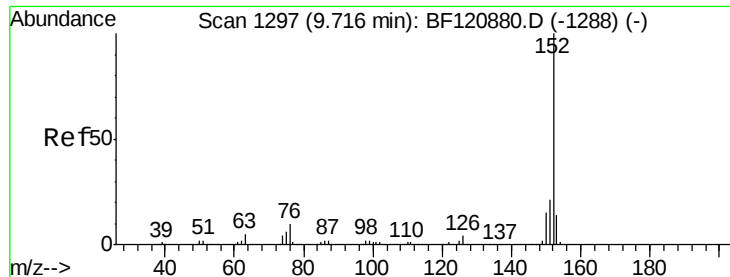
mohammad
7/30/2020 3:34:00 PM



#48
2-Nitroaniline
Concen: 5.384 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	72.5	58.0	87.0	
138	118.2	93.3	139.9	





#49

Acenaphthylene

Concen: 7.330 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

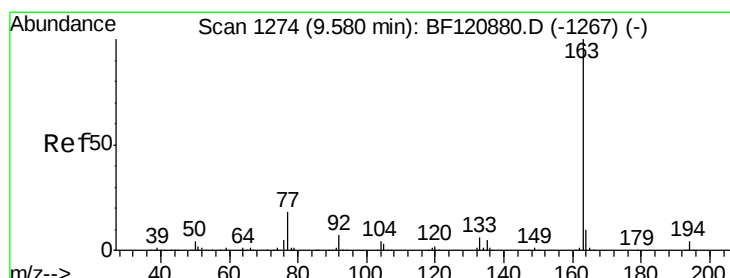
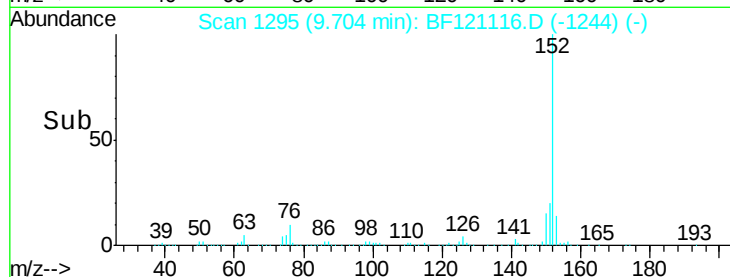
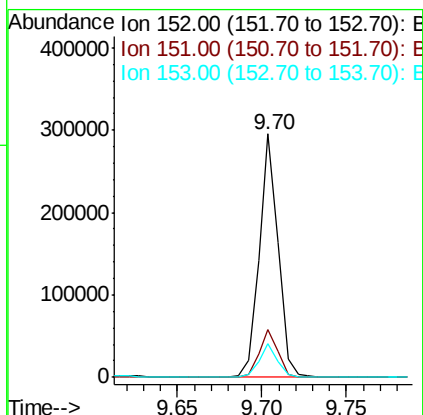
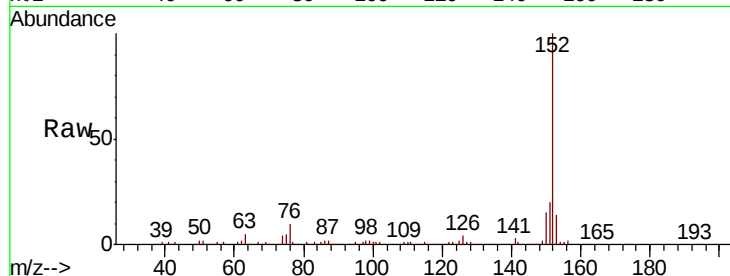
ClientSampleId :

20MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		229306		
151	19.7		16.6	25.0	
153	13.6		11.0	16.4	

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#50

Dimethylphthalate

Concen: 7.080 ng

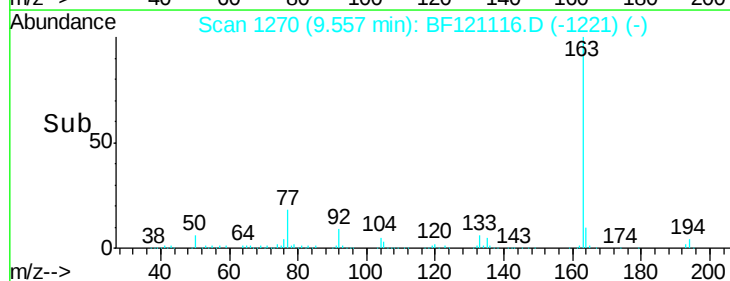
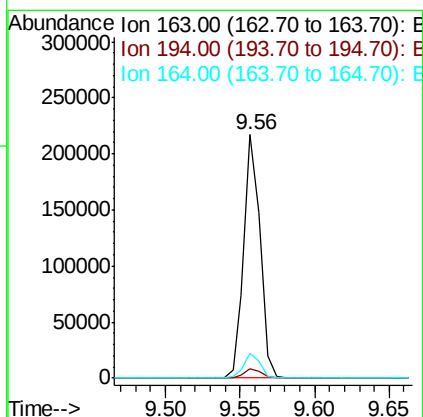
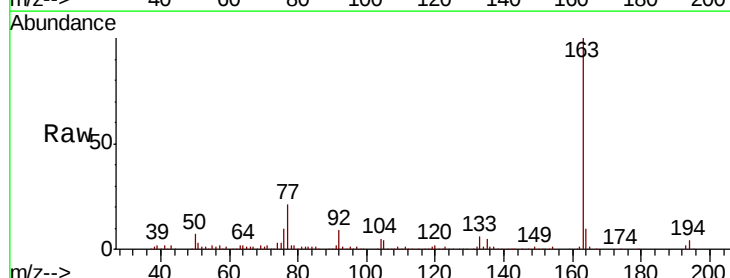
RT: 9.56 min Scan# 1270

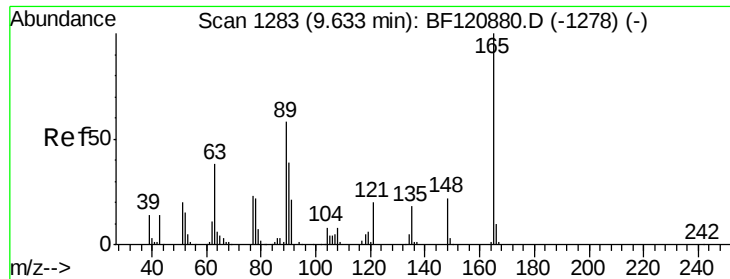
Delta R.T. -0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		165385		
194	3.8		3.0	4.4	
164	10.0		8.4	12.6	





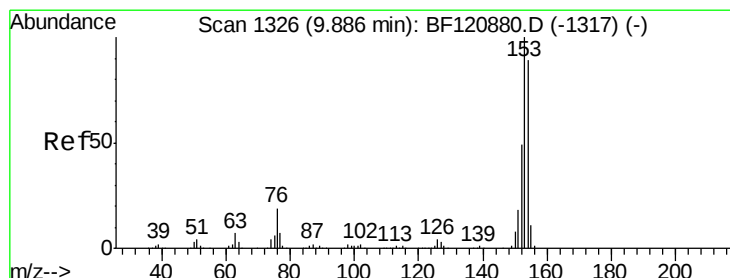
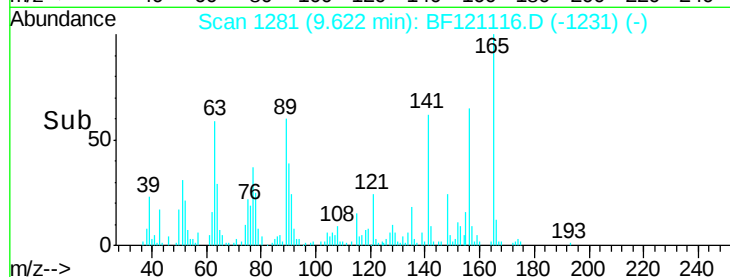
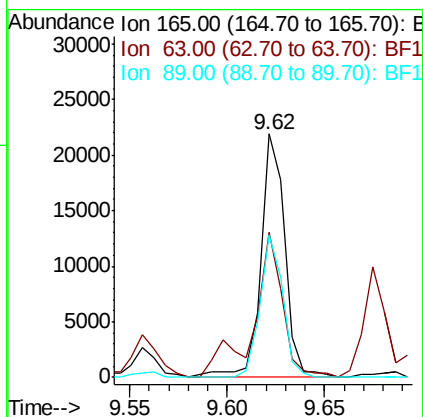
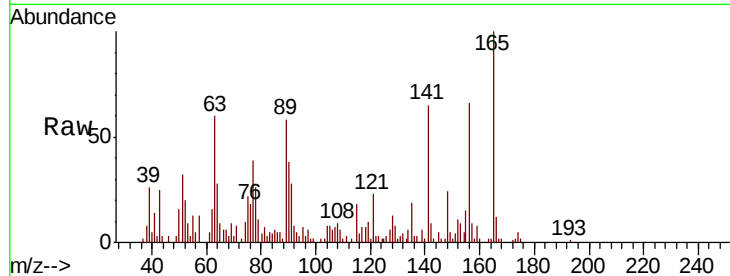
#51
 2,6-Dinitrotoluene
 Concen: 3.728 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

Instrument :
 BNA_F
 ClientSampleId :
 20MSD

Tot Ion:	165	Resp:	18710
Ion Ratio	Lower	Upper	
165	100		
63	59.8	41.1	61.7
89	58.5	43.5	65.3

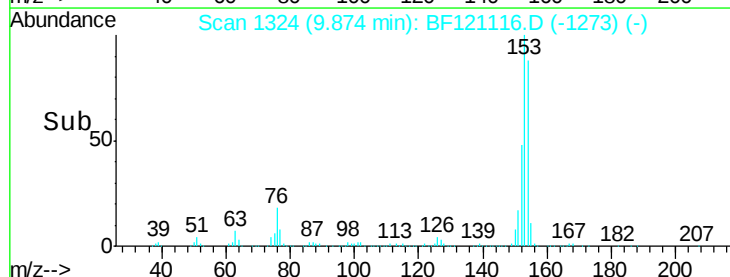
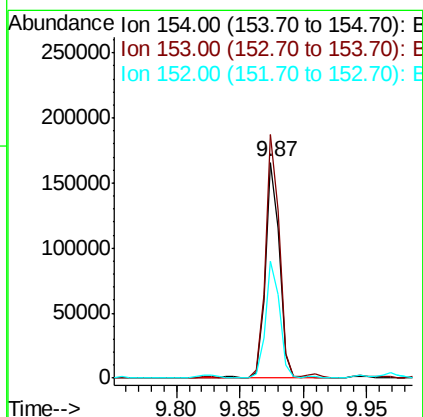
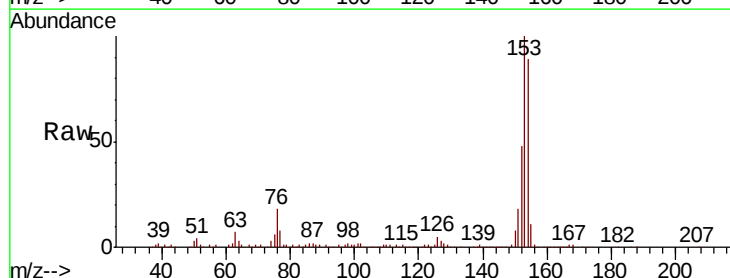
Manual Integrations
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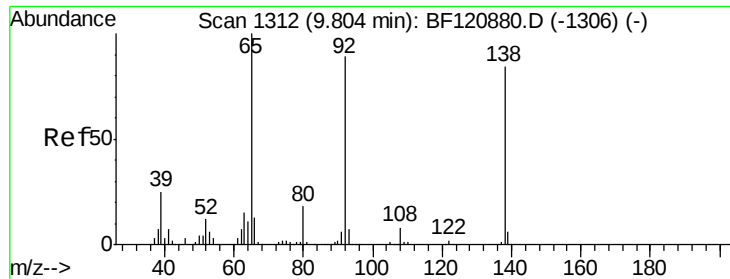
mohammad
 7/30/2020 3:34:00 PM



#52
 Acenaphthene
 Concen: 6.626 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

Tgt Ion:	154	Resp:	131799
Ion Ratio	Lower	Upper	
154	100		
153	112.7	89.6	134.4
152	54.3	43.8	65.6





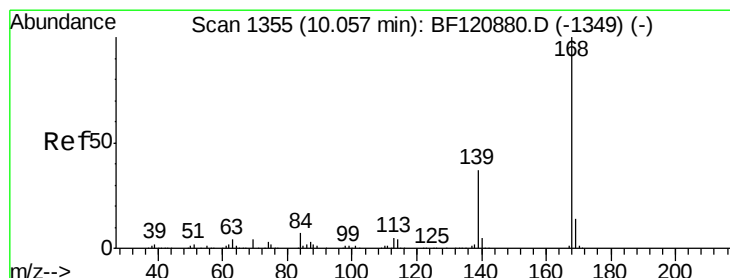
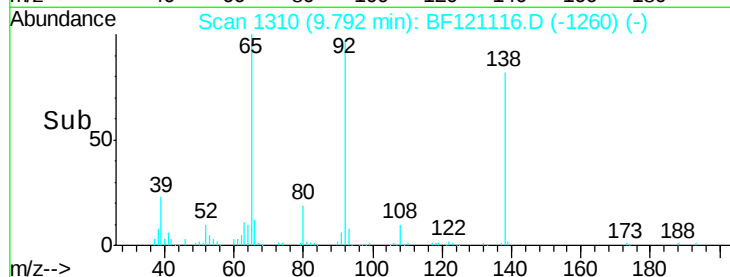
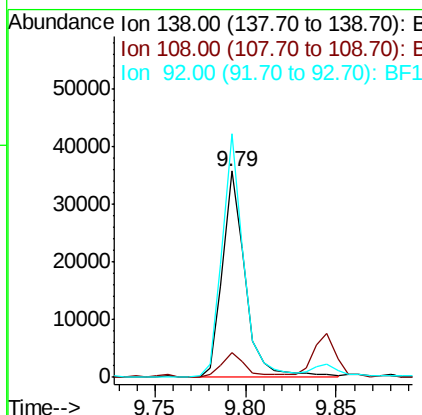
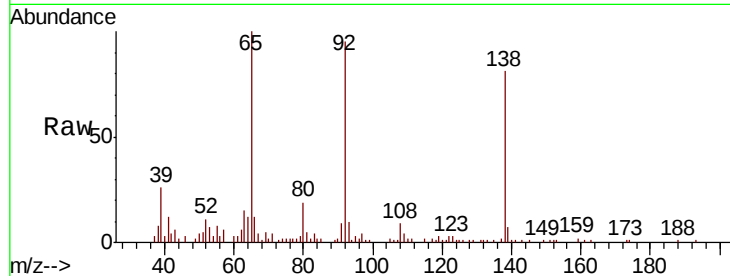
#53
3-Nitroaniline
Concen: 5.002 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Instrument :
BNA_F
ClientSampleId :
20MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.7	7.8	11.8
92	118.0	85.0	127.4

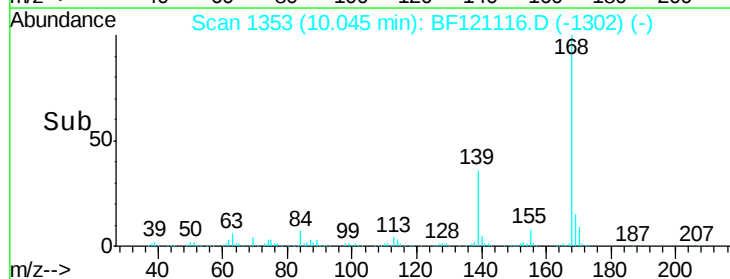
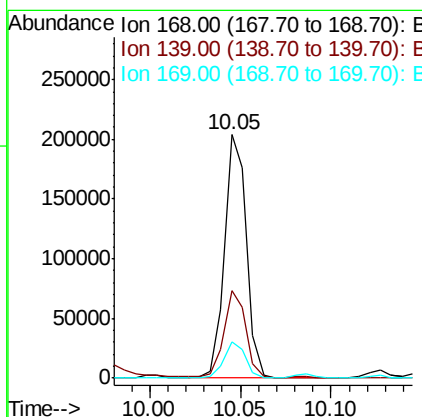
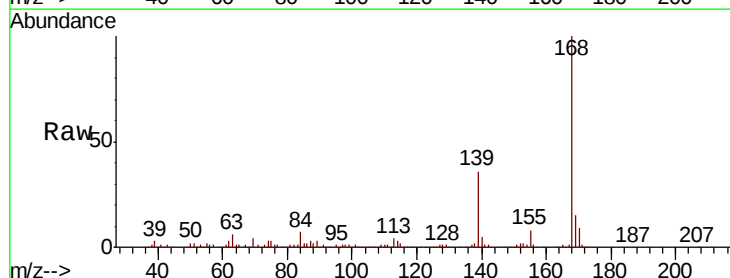
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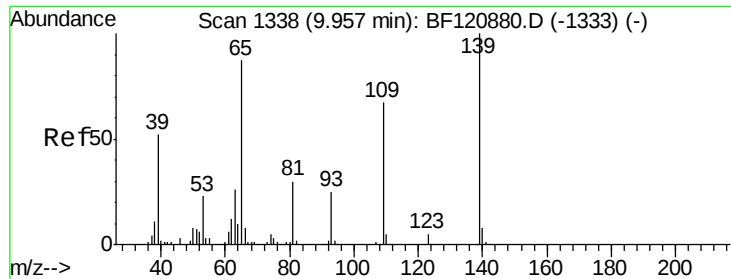
mohammad
7/30/2020 3:34:00 PM



#55
Dibenzofuran
Concen: 5.969 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.8	30.1	45.1
169	15.0	11.3	16.9





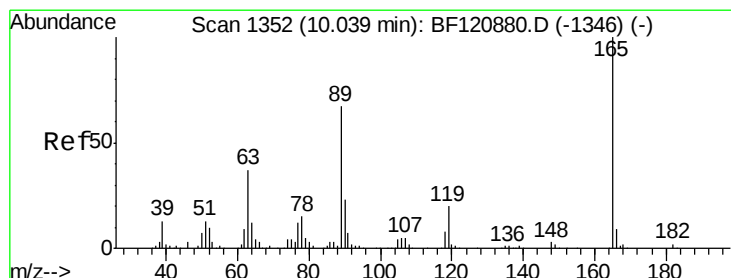
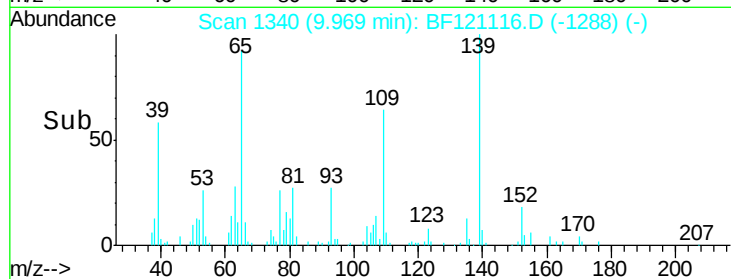
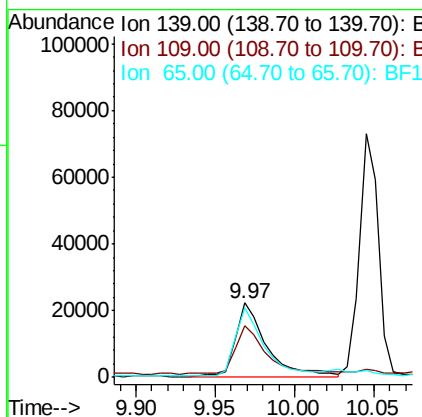
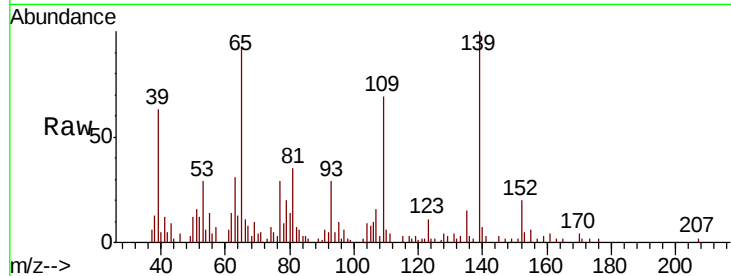
#56
4-Nitrophenol
Concen: 6.516 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Instrument :
BNA_F
ClientSampleId :
20MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	69.0	44.8	84.8	
65	93.1	65.6	105.6	

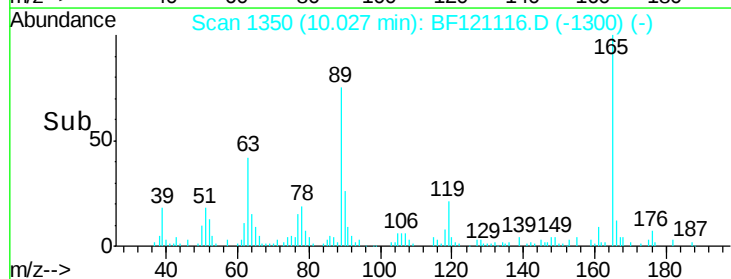
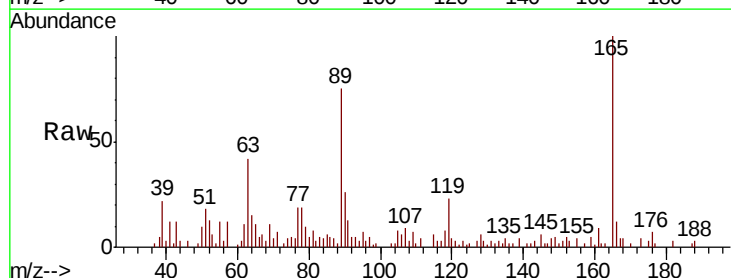
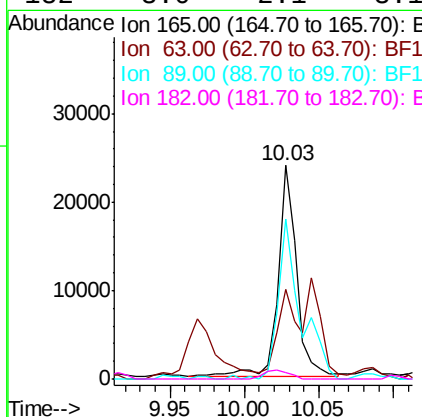
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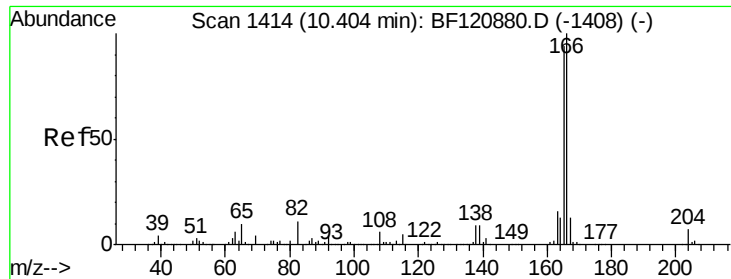
mohammad
7/30/2020 3:34:00 PM



#57
2,4-Dinitrotoluene
Concen: 3.105 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.3	29.8	44.8	
89	75.0	50.3	75.5	
182	3.0	2.1	3.1	





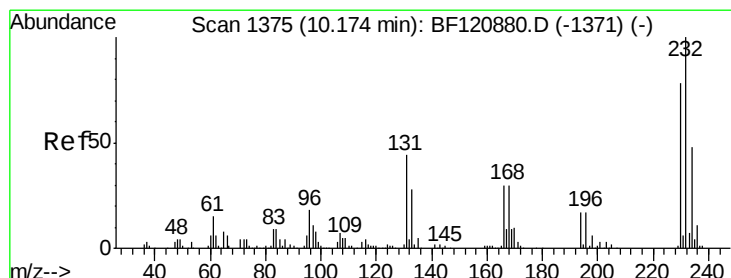
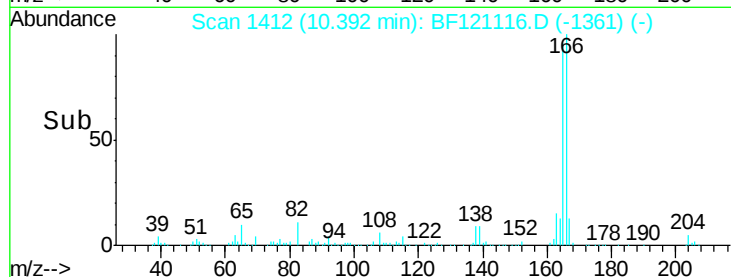
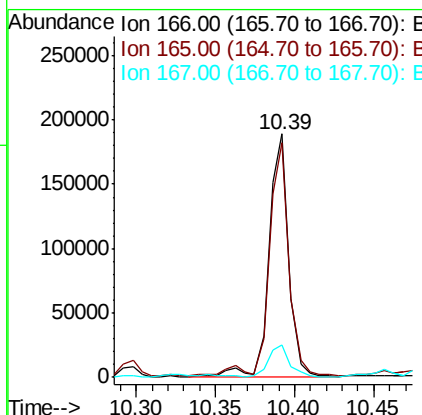
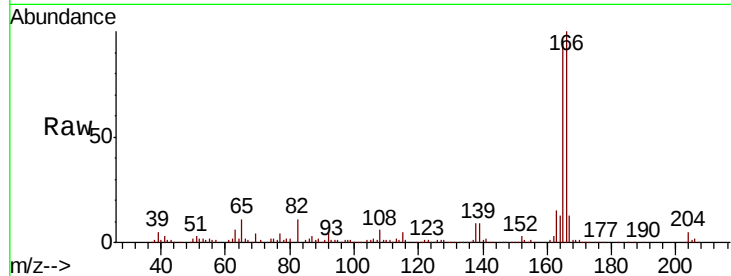
#58
 Fluorene
 Concen: 7.637 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

Instrument :
 BNA_F
 ClientSampled :
 20MSD

Tot Ion:	166	Resp:	163840
Ion Ratio	Lower	Upper	
166	100		
165	96.4	76.4	114.6
167	13.1	10.7	16.1

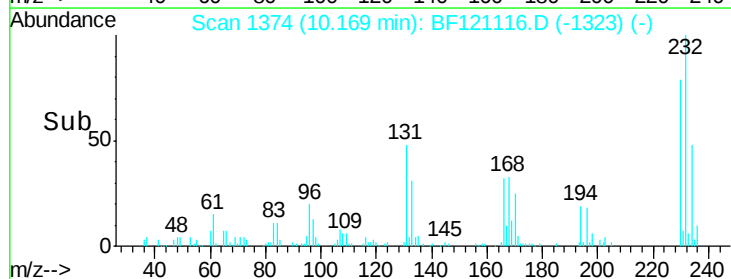
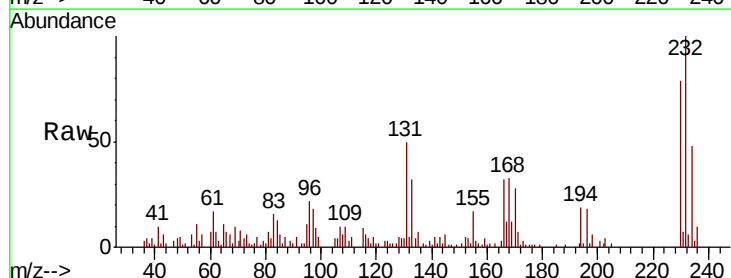
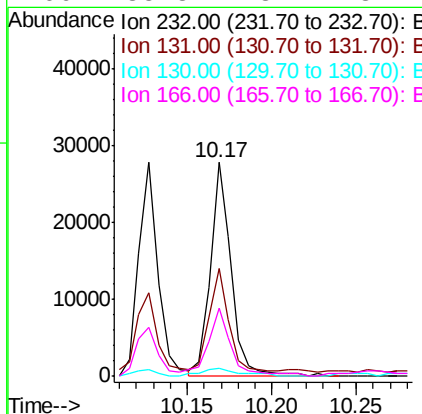
Manual Integrations
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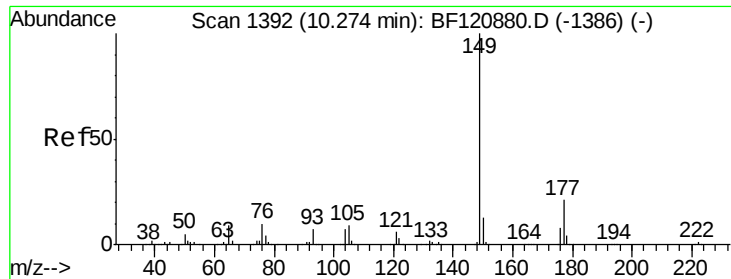
mohammad
 7/30/2020 3:34:00 PM



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.171 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

Tgt Ion:	232	Resp:	23929
Ion Ratio	Lower	Upper	
232	100		
131	44.8	34.2	51.2
130	6.8	1.7	2.5#
166	35.8	23.1	34.7#





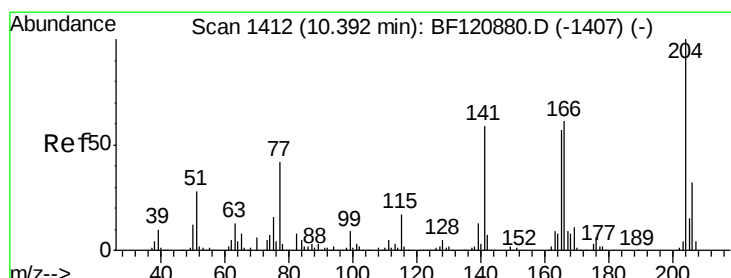
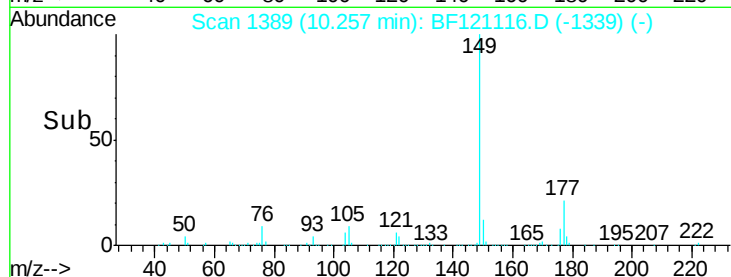
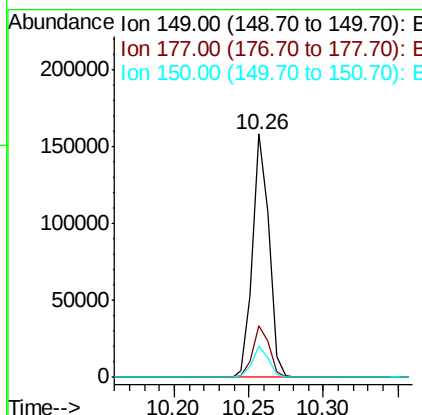
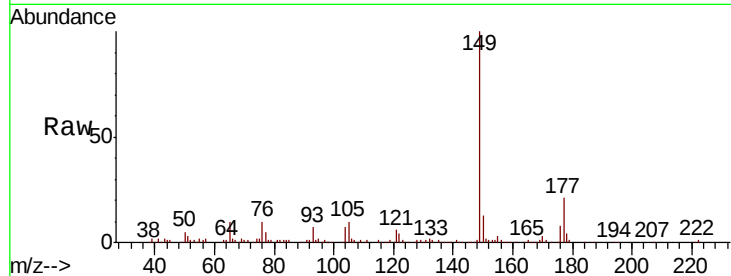
#60
Diethylphthalate
Concen: 5.058 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Instrument :
BNA_F
ClientSampleId :
20MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.6	26.4
150	12.5	10.2	15.4

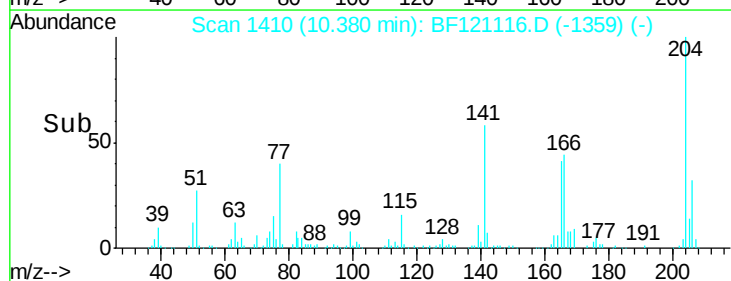
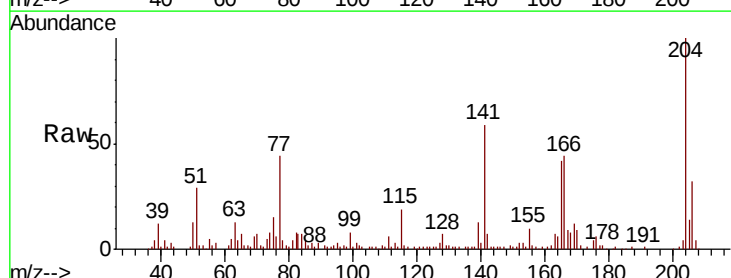
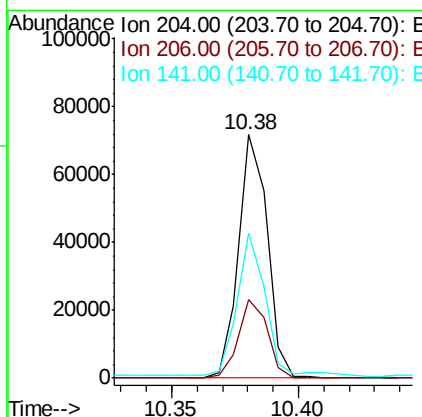
Manual Integrations
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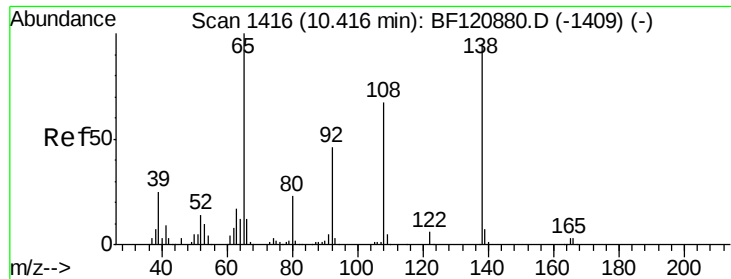
mohammad
7/30/2020 3:34:00 PM



#61
4-Chlorophenyl-phenylether
Concen: 4.938 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.0	39.0
141	59.5	46.9	70.3





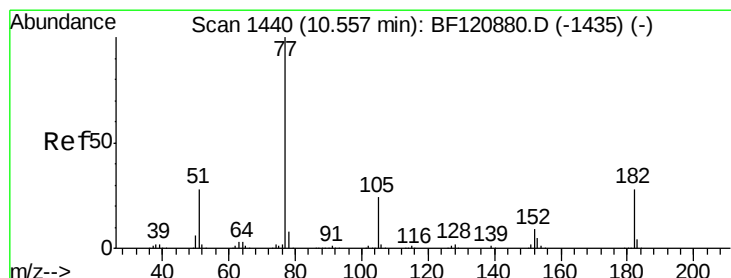
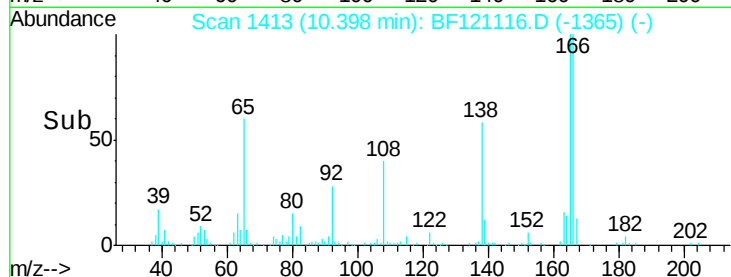
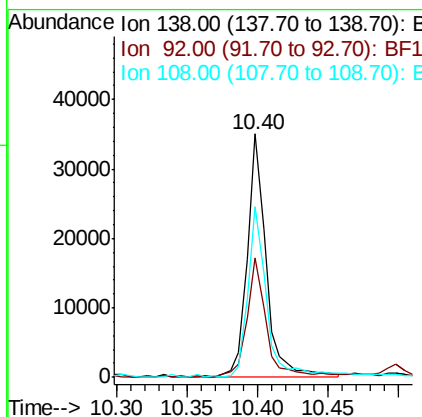
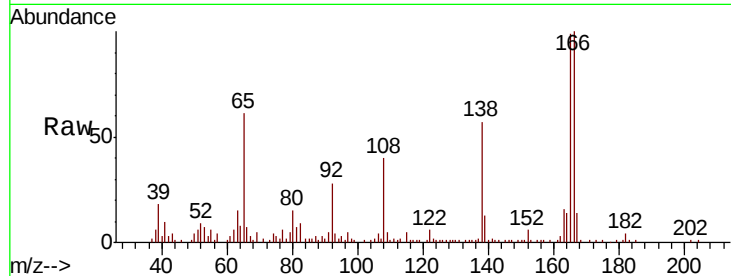
#62
4-Nitroaniline
Concen: 5.423 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Instrument :
BNA_F
ClientSampleId :
20MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.9	25.2	65.2
108	70.2	46.7	86.7

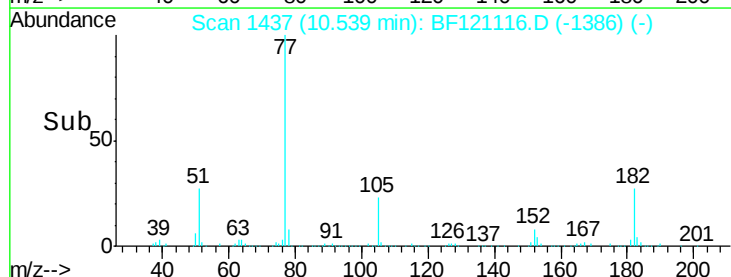
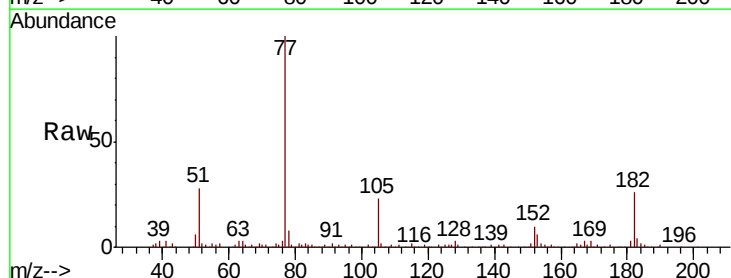
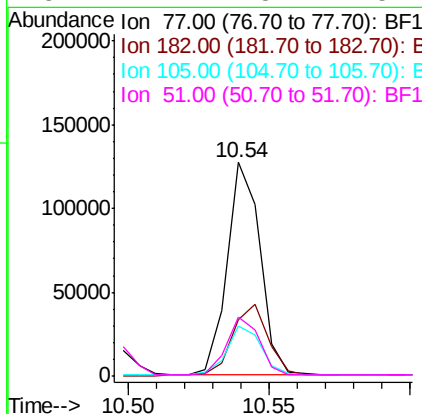
Manual Integrations
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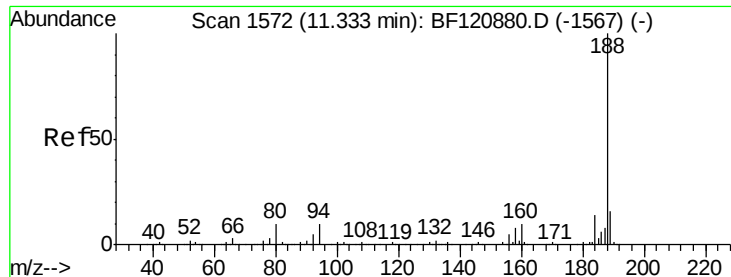
mohammad
7/30/2020 3:34:00 PM



#63
Azobenzene
Concen: 4.551 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.3	4.5	44.5
105	23.3	3.4	43.4
51	27.7	8.7	48.7





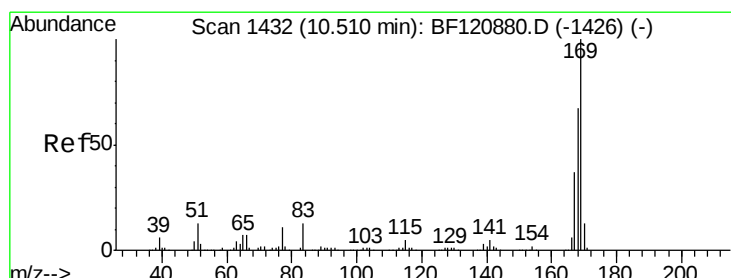
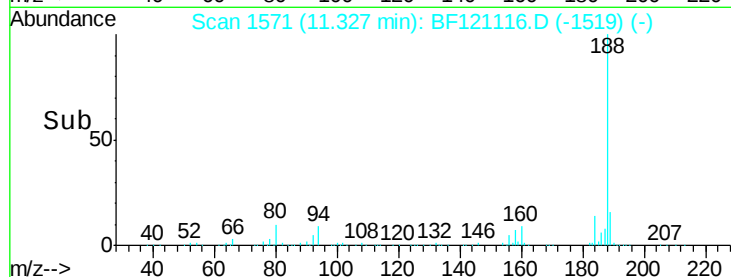
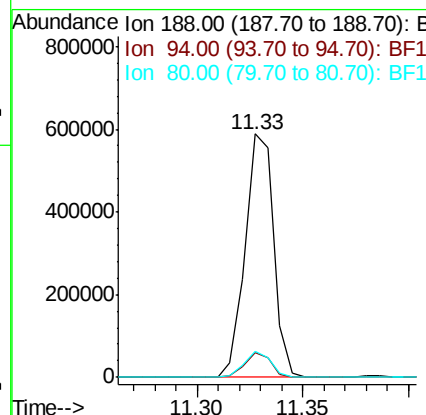
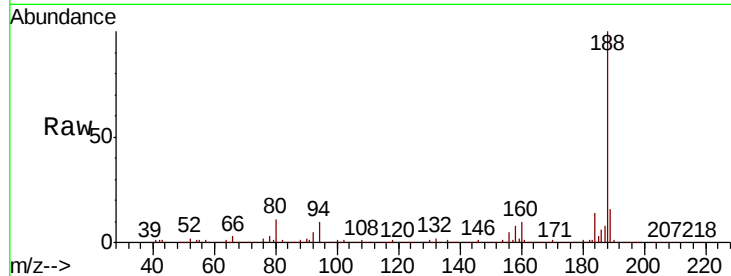
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Instrument :
BNA_F
ClientSampleId :
20MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.9	8.0	12.0
80	10.6	8.3	12.5

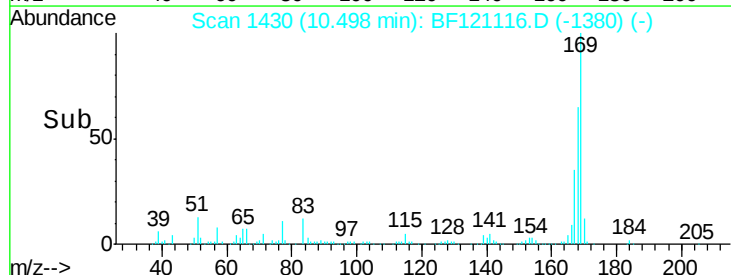
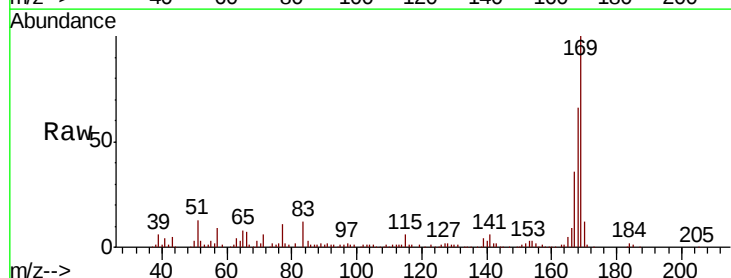
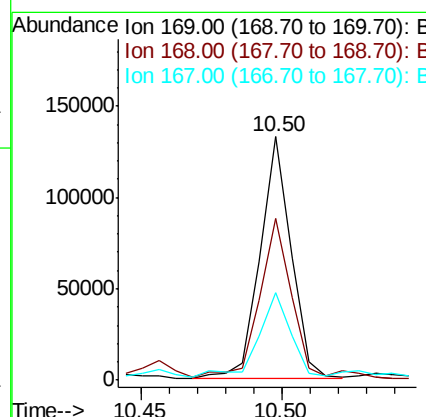
Manual Integrations
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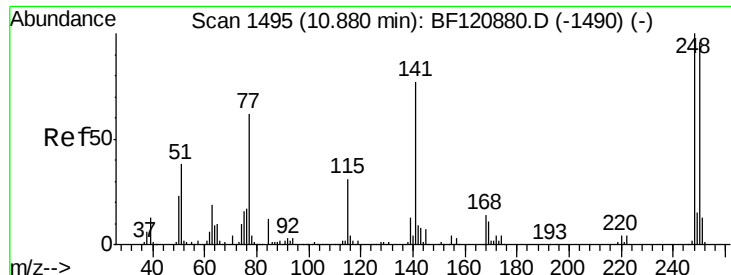
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 5.855 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Resp Lower	Upper
169	100		
168	66.3	53.7	80.5
167	35.9	30.0	45.0





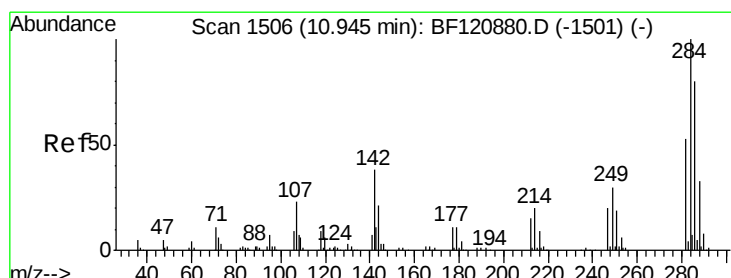
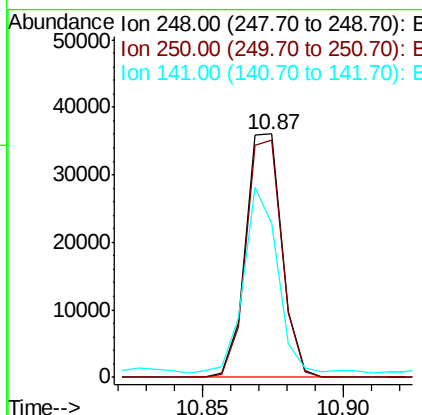
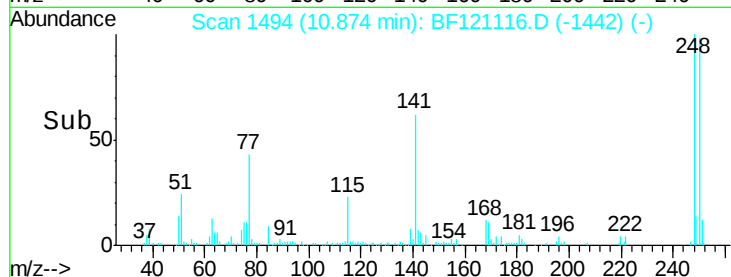
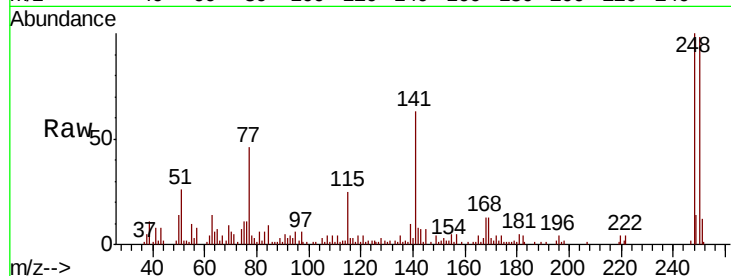
#67
4-Bromophenyl-phenylether
Concen: 5.250 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Instrument :
BNA_F
ClientSampled :
20MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.0	115.6
141	63.3	56.6	85.0

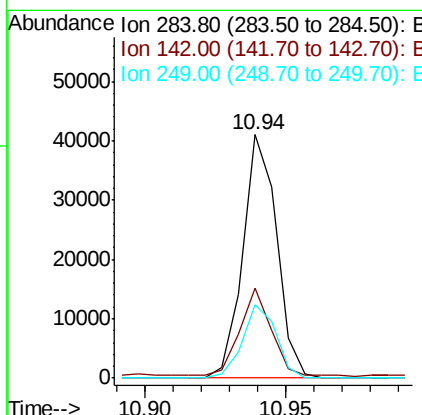
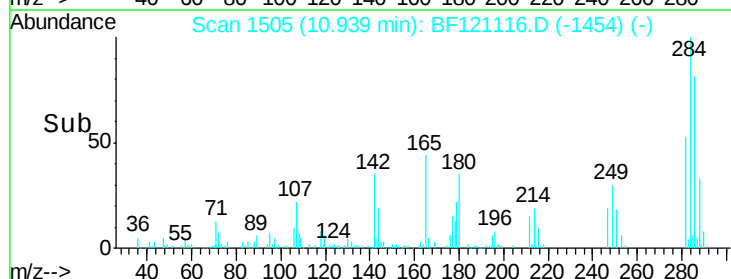
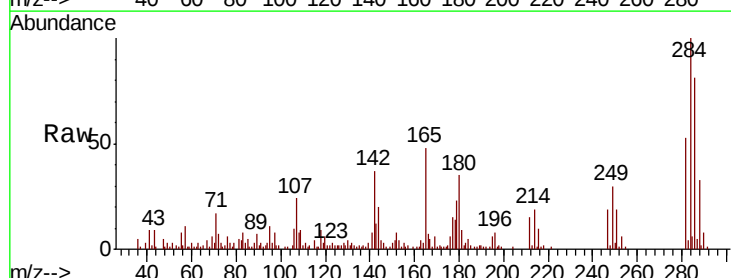
Manual Integrations
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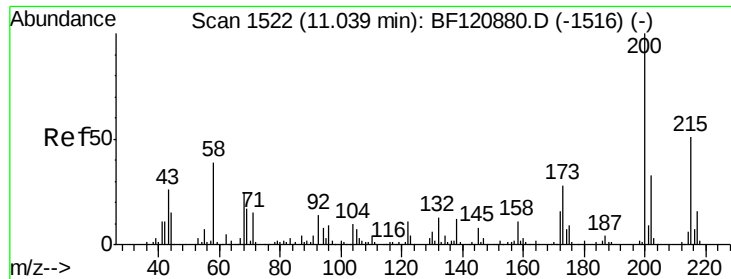
mohammad
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#68
Hexachlorobenzene
Concen: 5.137 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.8	21.1	31.7#
249	30.2	22.5	33.7





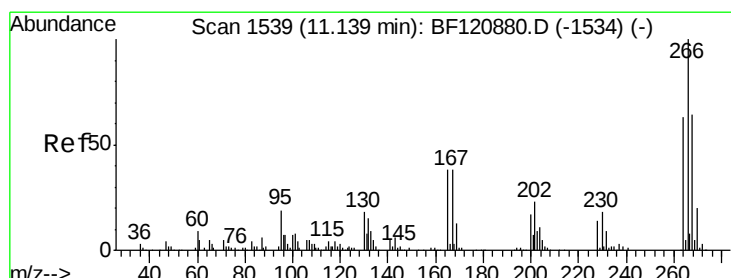
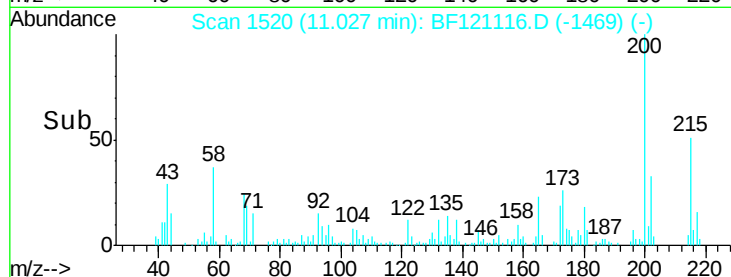
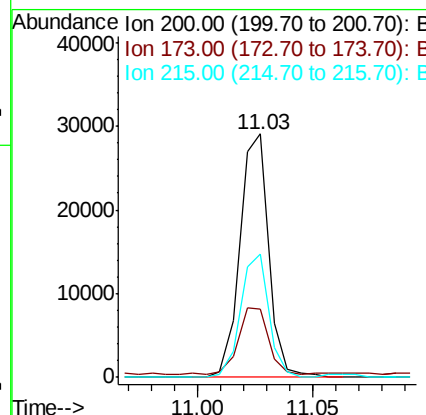
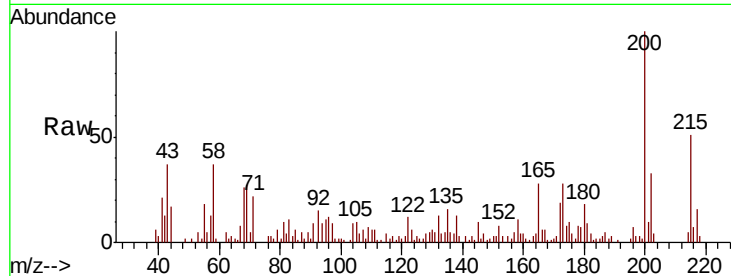
#69
Atrazine
Concen: 5.909 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Instrument :
BNA_F
ClientSampled :
20MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	7.6	47.6
215	50.7	28.8	68.8

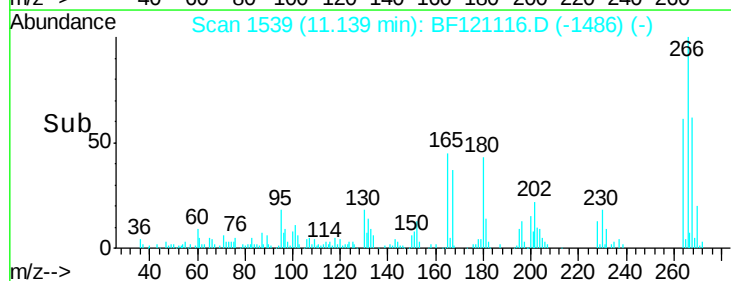
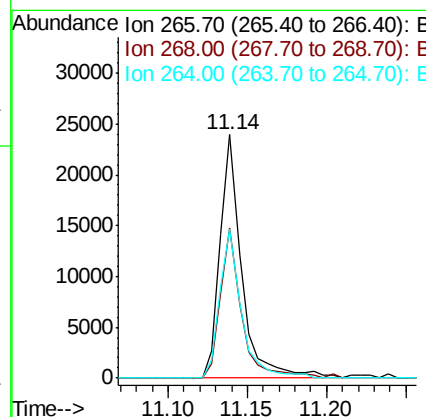
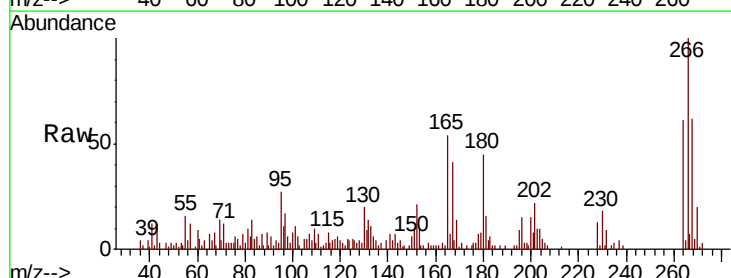
Manual Integrations
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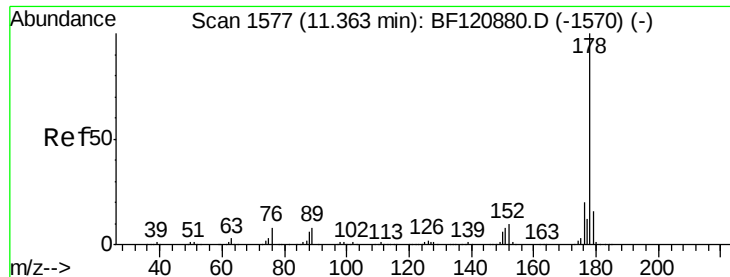
mohammad
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#70
Pentachlorophenol
Concen: 6.027 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	49.7	74.5
264	61.1	50.4	75.6





#71

Phenanthrene

Concen: 18.914 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

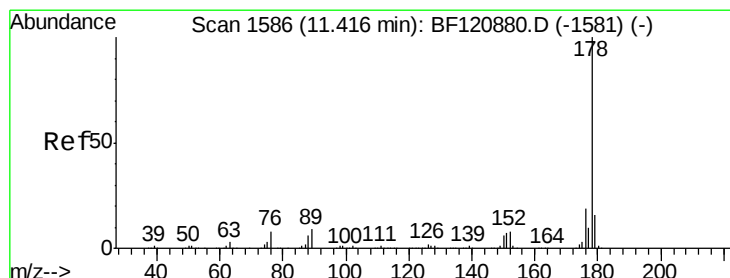
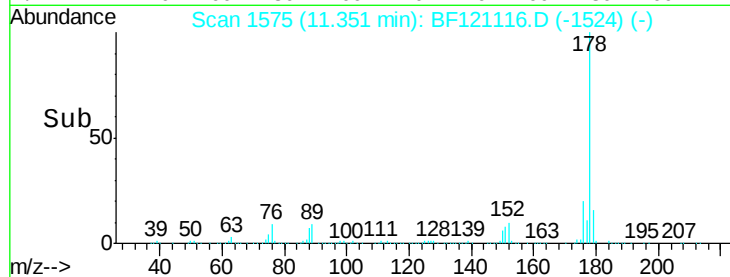
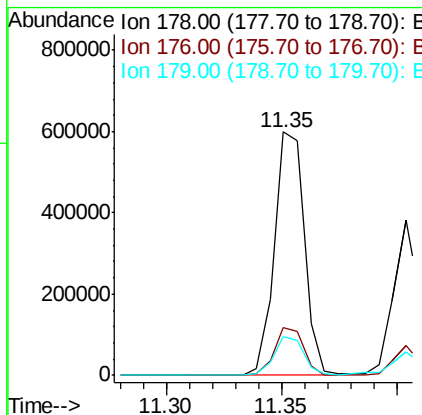
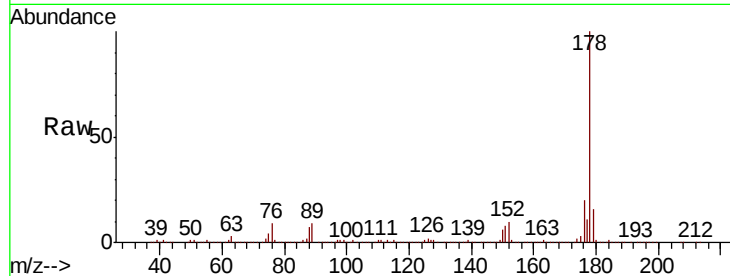
ClientSampleId :

20MSD

Tot Ion:	178	Resp:	535059
Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.2
179	15.9	12.6	19.0

Manual Integrations
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#72

Anthracene

Concen: 10.287 ng

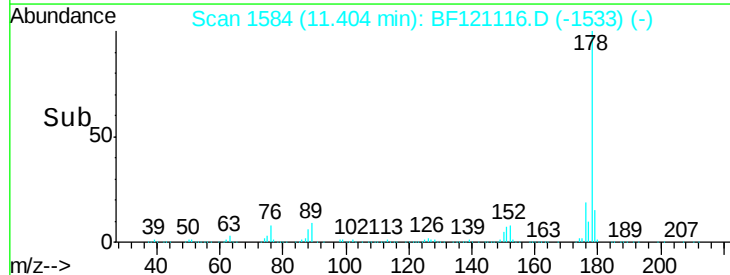
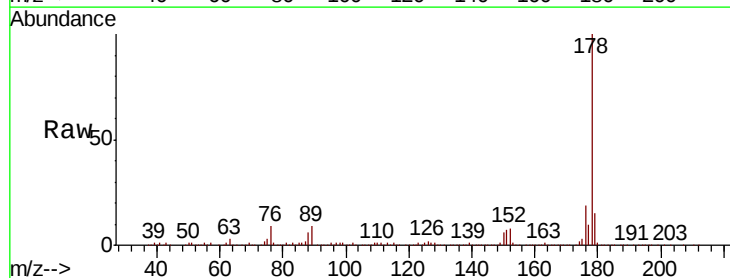
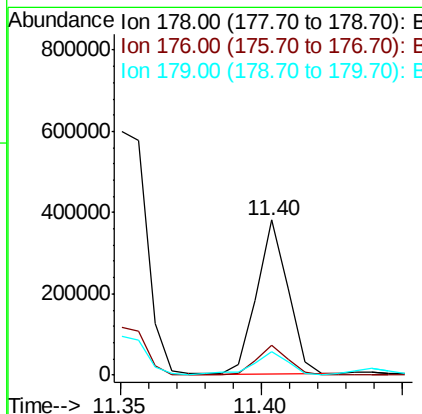
RT: 11.40 min Scan# 1584

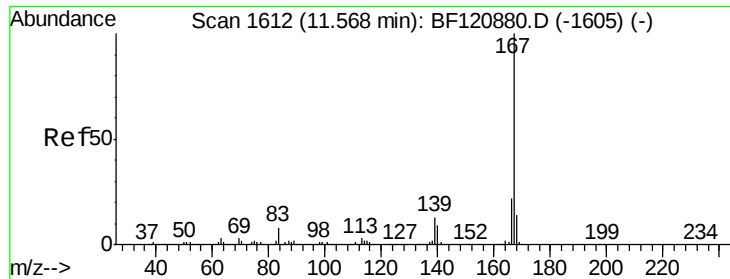
Delta R.T. -0.00 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Tgt Ion:	178	Resp:	292224
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.5	12.6	19.0





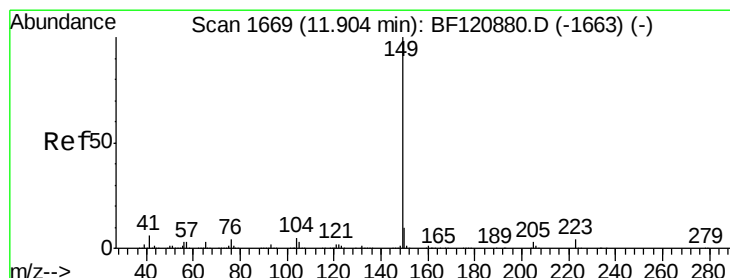
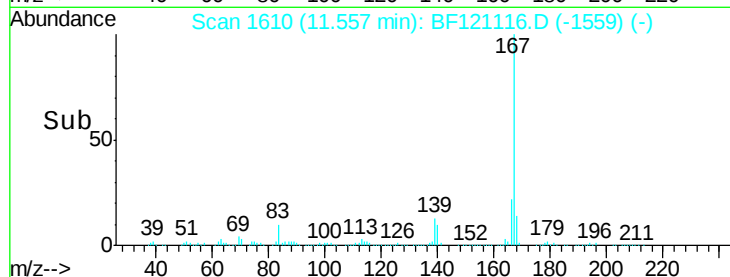
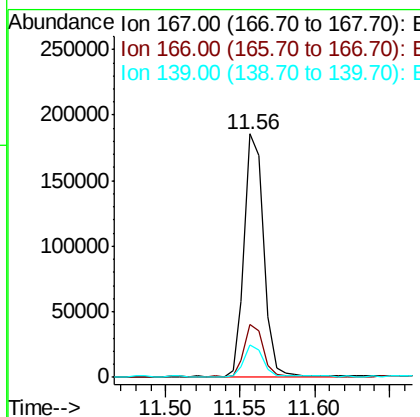
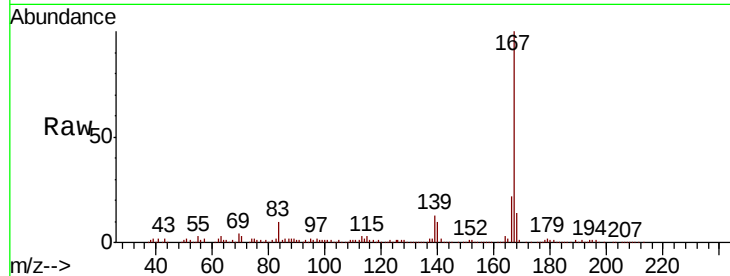
#73
 Carbazole
 Concen: 5.995 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

Instrument :
 BNA_F
 ClientSampled :
 20MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.5	26.3
139	13.1	10.5	15.7

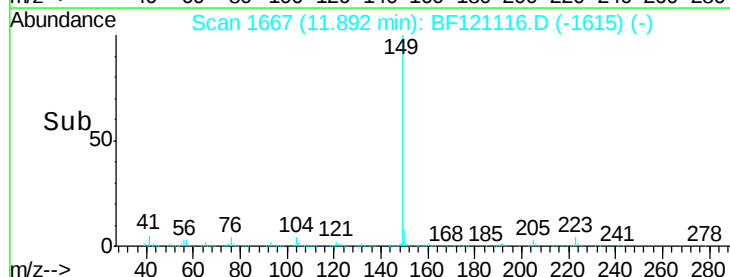
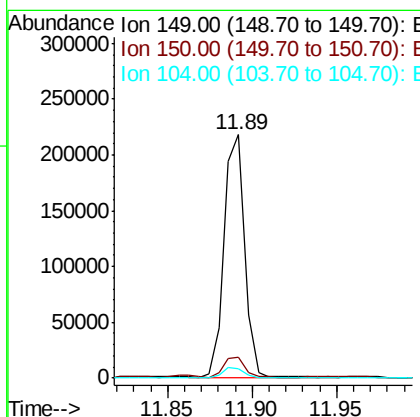
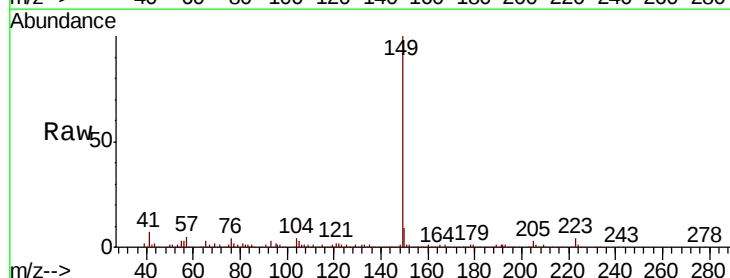
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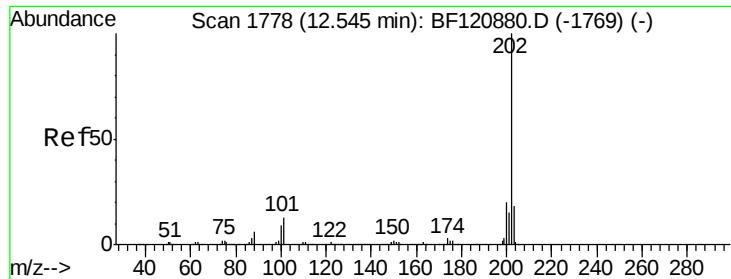
mohammad
 7/30/2020 3:34:00 PM



#74
 Di-n-butylphthalate
 Concen: 5.638 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.01 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.8	11.8
104	4.1	3.9	5.9





#75

Fluoranthene

Concen: 25.878 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

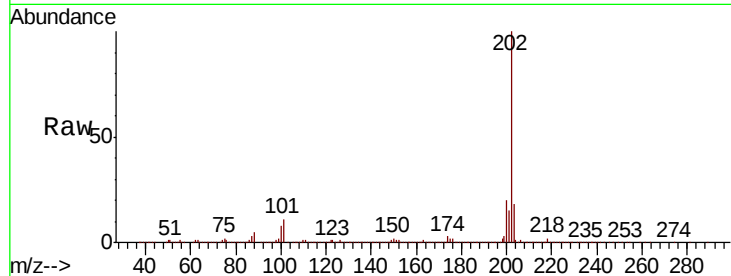
ClientSampleId :

20MSD

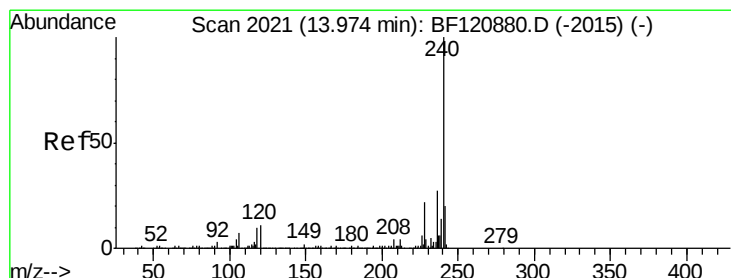
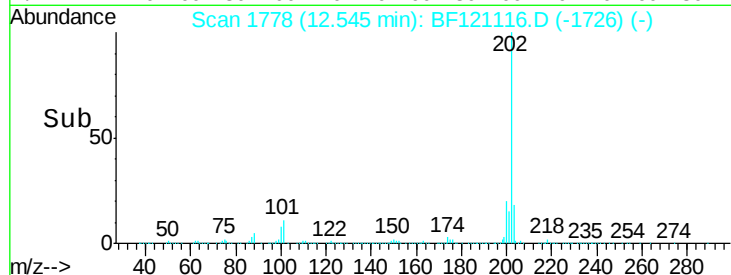
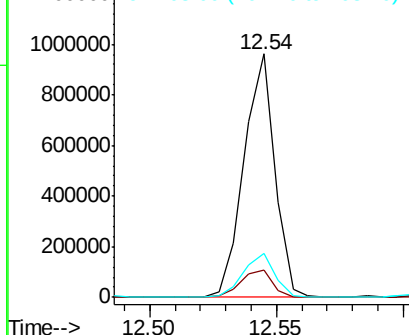
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		811457		
101	11.1	0.0	30.5		
203	17.9	0.0	37.7		

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



#76

Chrysene-d12

Concen: 20.000 ng

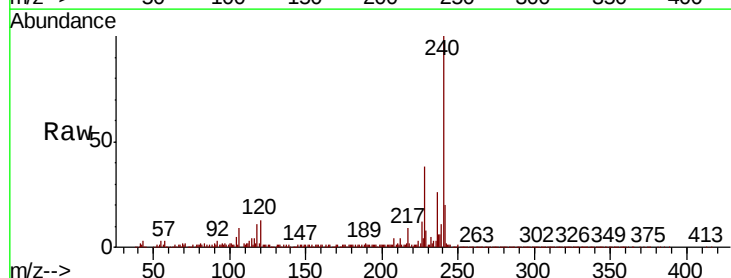
RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

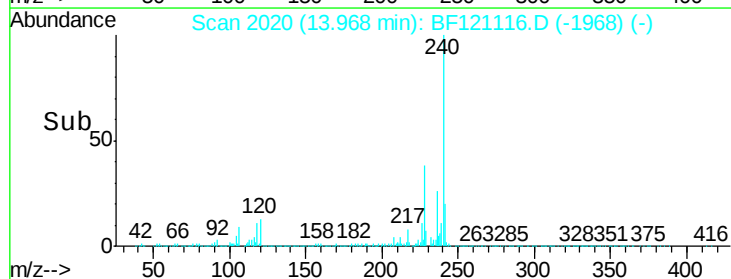
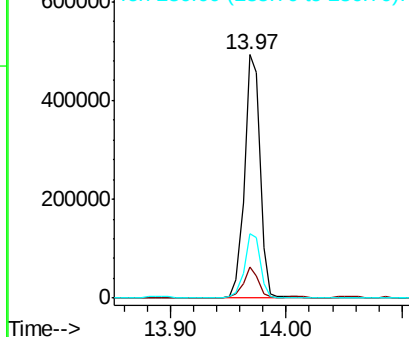
Lab File: BF121116.D

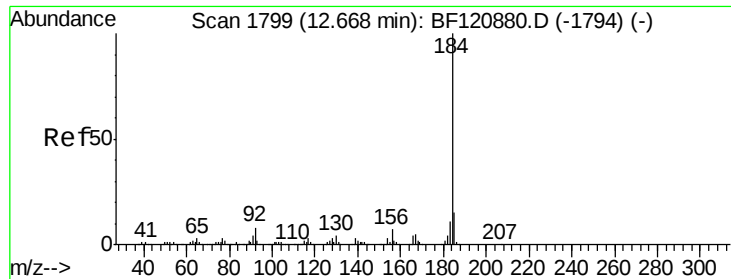
Acq: 29 Jul 2020 22:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		459949		
120	12.9	9.3	13.9		
236	26.3	21.1	31.7		



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





#77

Benzidine

Concen: 3.647 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

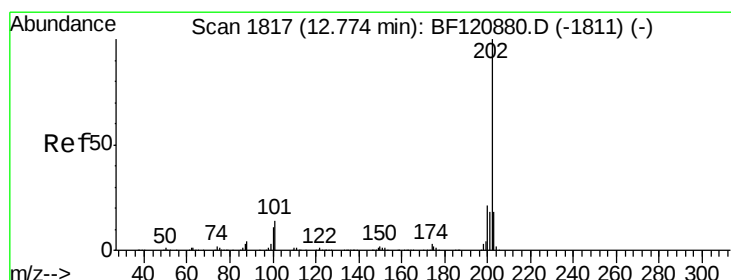
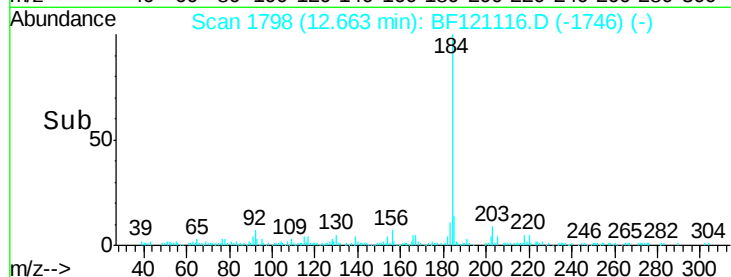
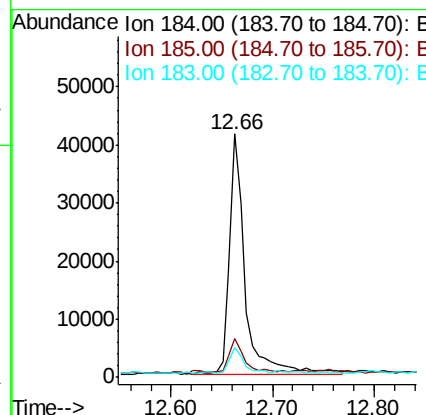
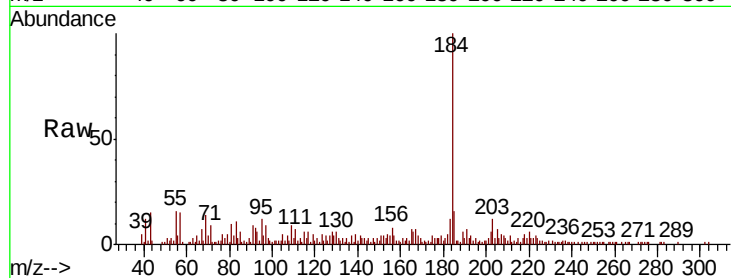
ClientSampled :

20MSD

Tot Ion:	184	Resp:	44103
Ion Ratio	Lower	Upper	
184	100		
185	15.7	12.1	18.1
183	12.0	9.0	13.4

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#78

Pyrene

Concen: 25.641 ng

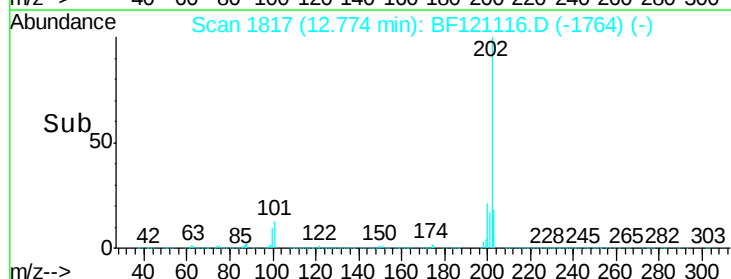
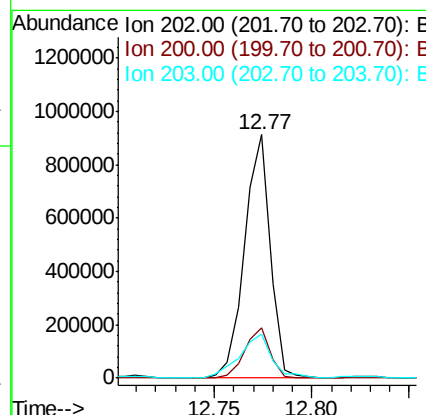
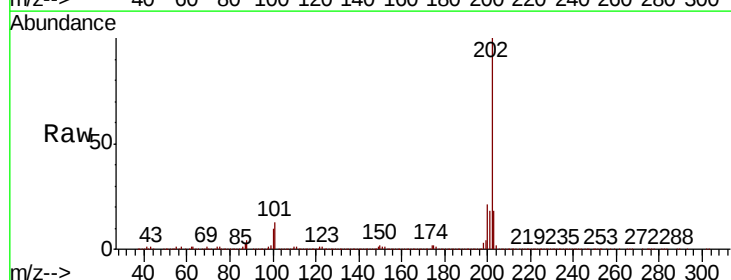
RT: 12.77 min Scan# 1817

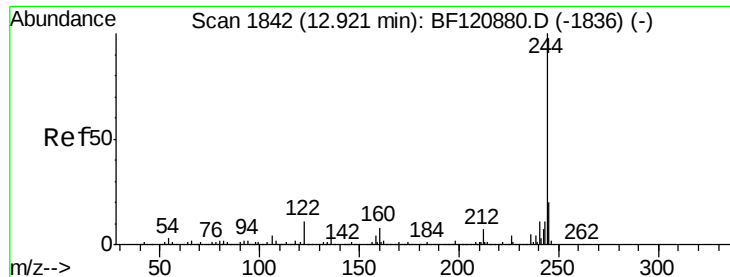
Delta R.T. 0.01 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Tgt Ion:	202	Resp:	833807
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.0	25.6
203	17.8	14.6	21.8





#79

Terphenyl-d14

Concen: 9.212 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121116.D

Acq: 29 Jul 2020 22:33

Instrument :

BNA_F

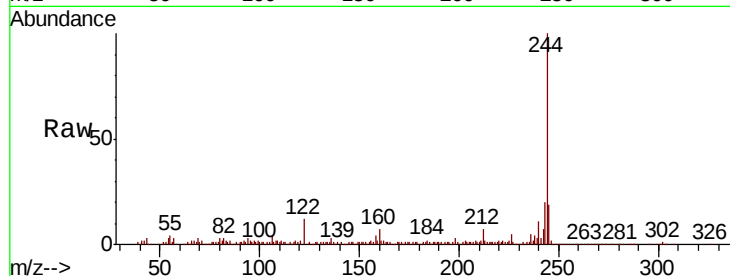
ClientSampleId :

20MSD

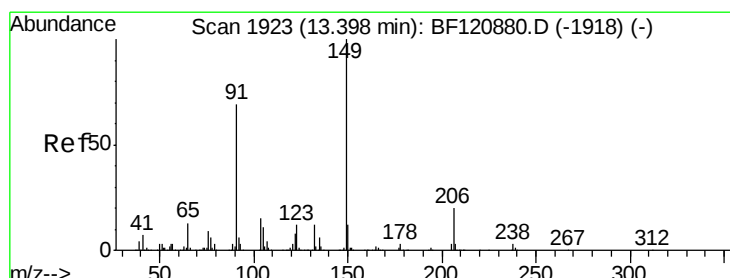
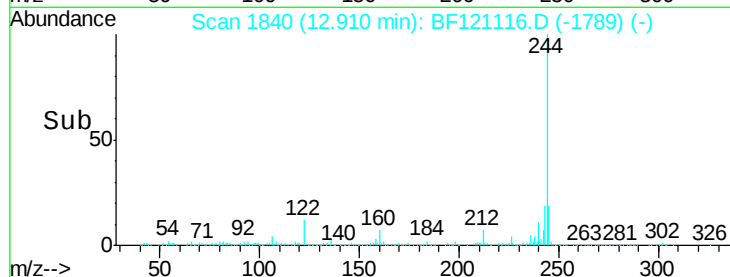
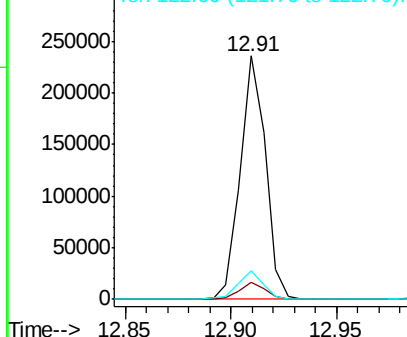
Tot Ion:	244	Resp:	194924
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.7	8.5
122	11.8	8.3	12.5

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



#80

Butylbenzylphthalate

Concen: 4.913 ng

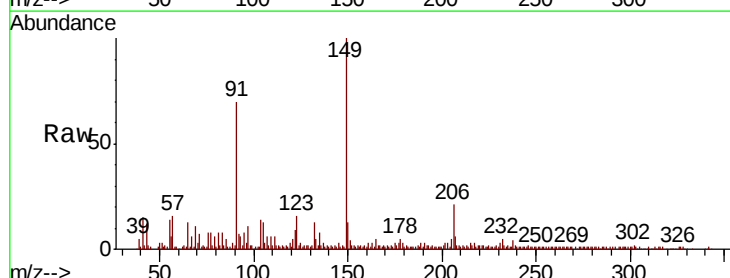
RT: 13.39 min Scan# 1921

Delta R.T. -0.00 min

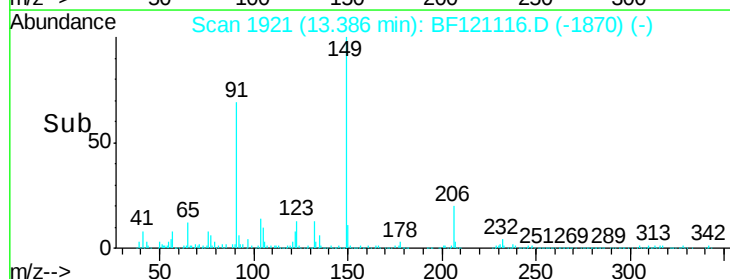
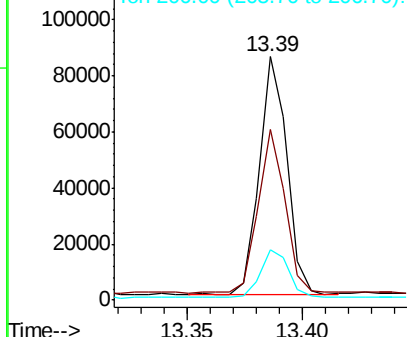
Lab File: BF121116.D

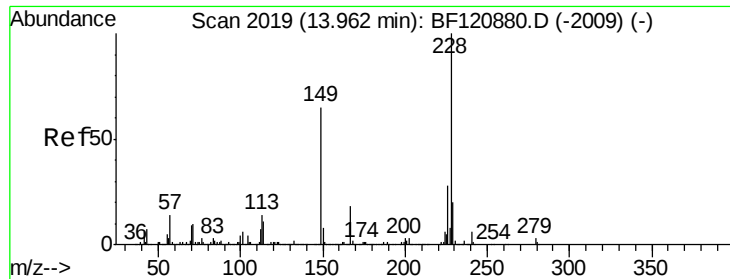
Acq: 29 Jul 2020 22:33

Tgt Ion:	149	Resp:	71224
Ion Ratio	Lower	Upper	
149	100		
91	70.2	51.4	77.0
206	20.9	17.9	26.9



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





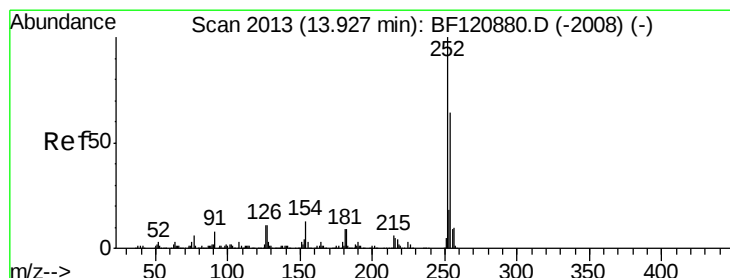
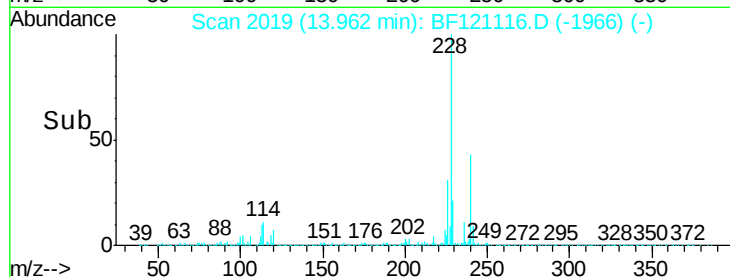
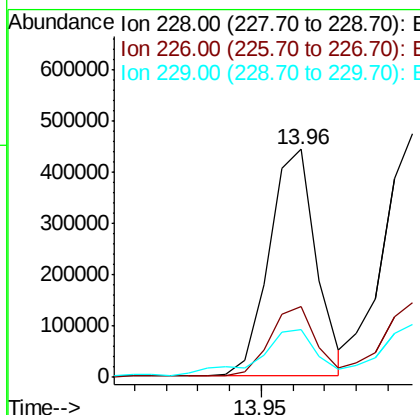
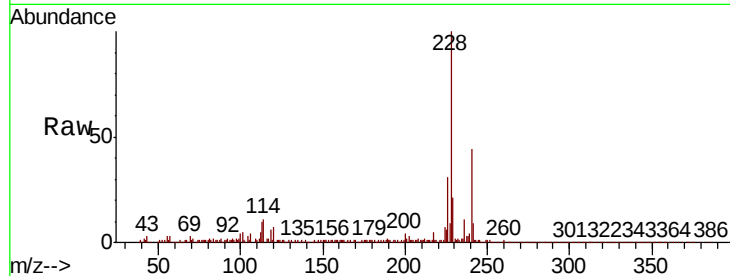
#81
Benzo(a)anthracene
Concen: 16.379 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Instrument :
BNA_F
ClientSampleId :
20MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.6	34.0
229	21.2	16.1	24.1

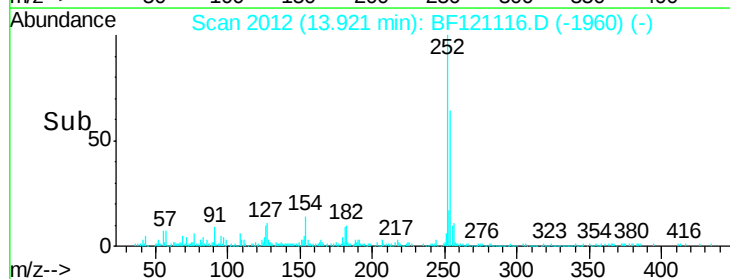
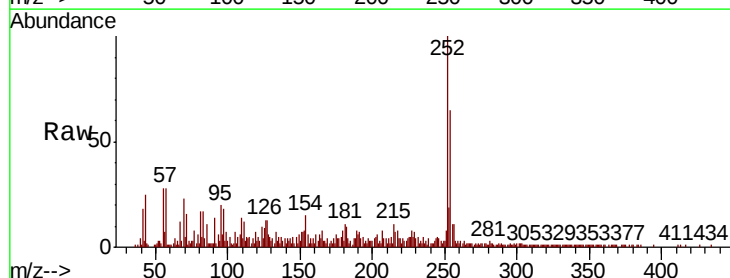
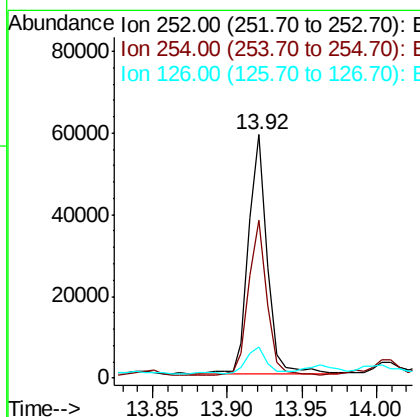
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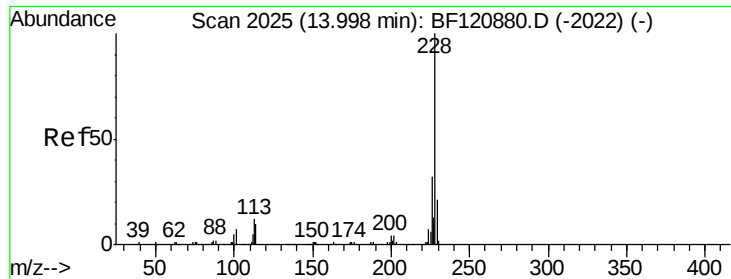
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#82
3,3'-Dichlorobenzidine
Concen: 4.832 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.3	76.9
126	12.7	9.2	13.8





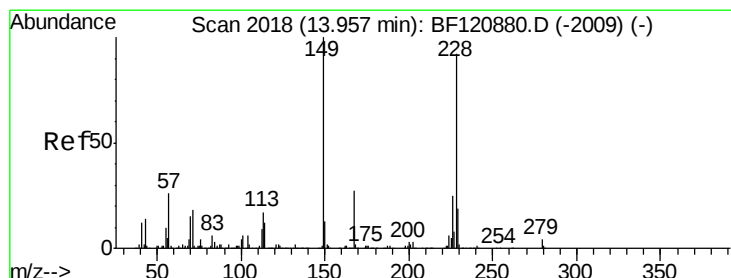
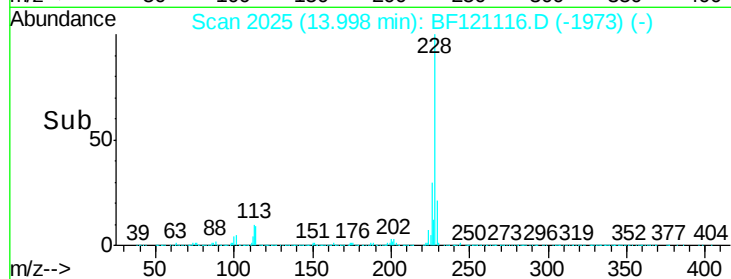
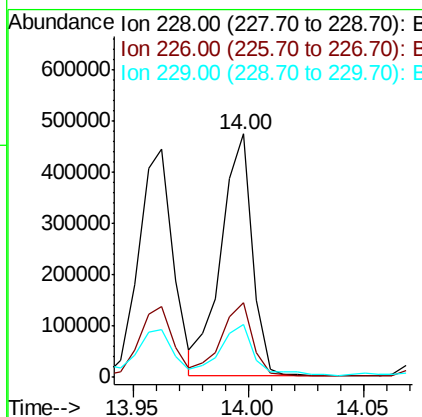
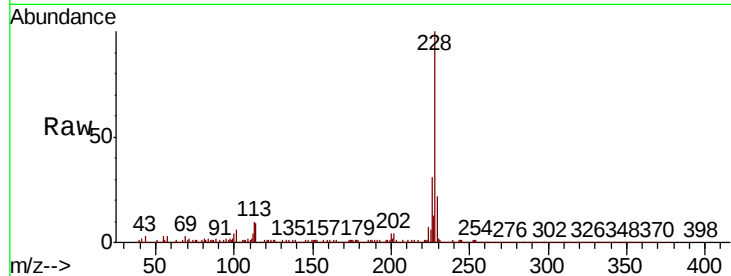
#83
Chrysene
Concen: 15.175 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Instrument :
BNA_F
ClientSampleId :
20MSD

Tot Ion:	228	Resp:	444179
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.4	38.0
229	21.6	16.2	24.4

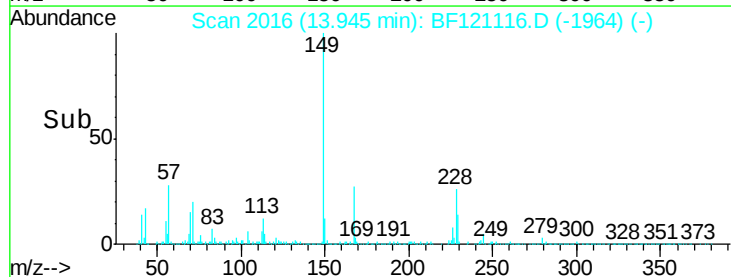
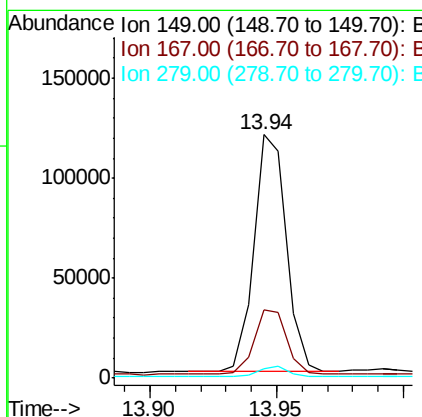
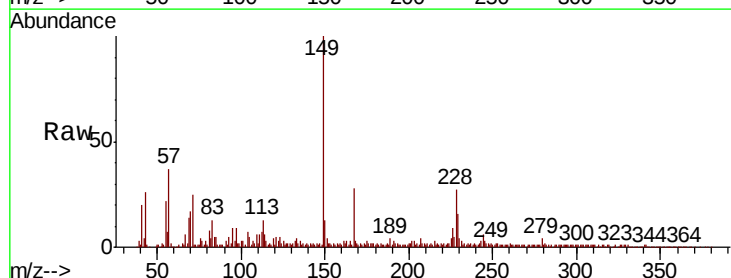
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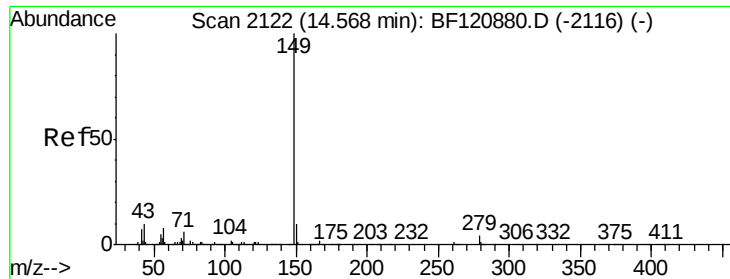
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#84
Bis(2-ethylhexyl)phthalate
Concen: 5.884 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion:	149	Resp:	105186
Ion Ratio	Lower	Upper	
149	100		
167	27.8	21.8	32.6
279	3.6	2.9	4.3





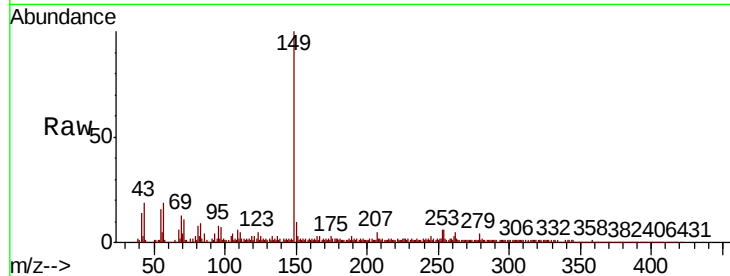
#85
Di-n-octyl phthalate
Concen: 4.745 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.01 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Instrument :
BNA_F
ClientSampled :
20MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	2.7	1.3	1.9#	
43	12.4	7.5	11.3#	

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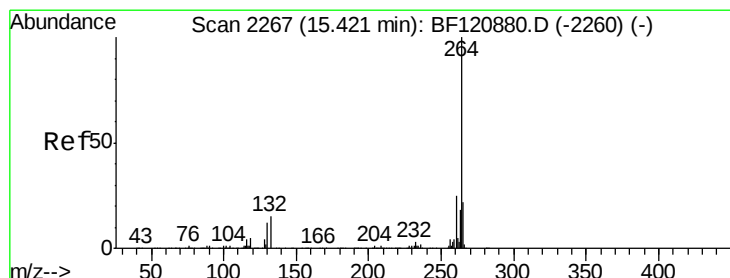
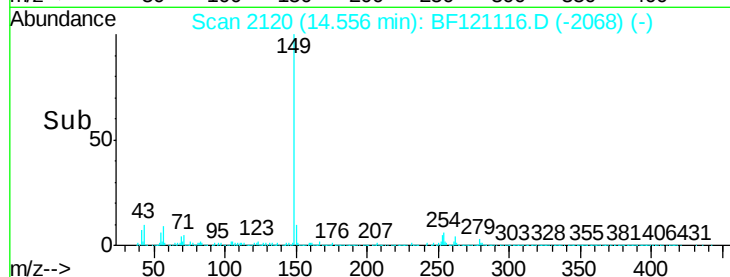
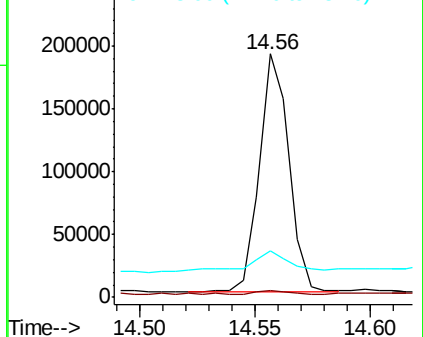


Abundance

Ion 149.00 (148.70 to 149.70): E

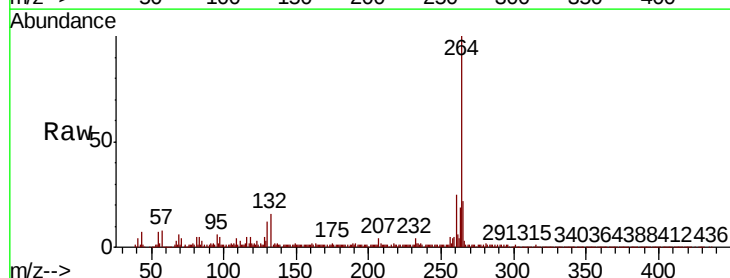
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.02 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.6	19.9	29.9	
265	21.8	17.8	26.8	

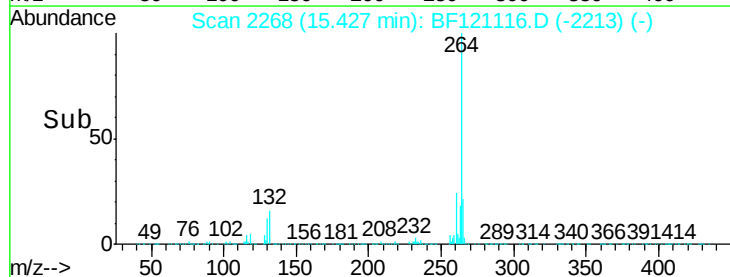
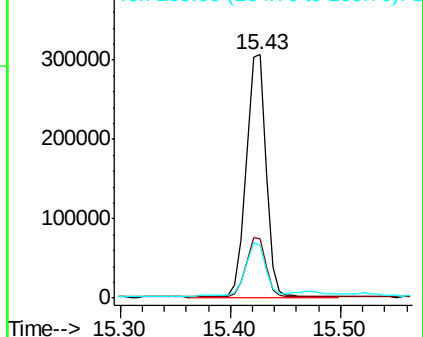


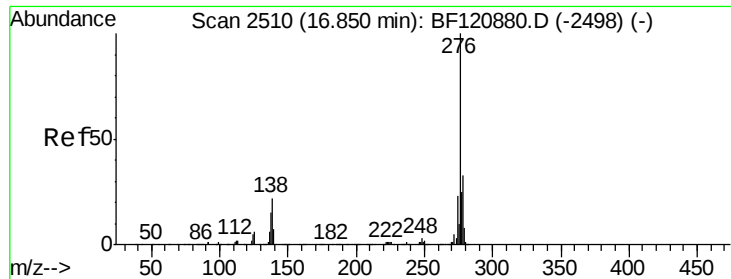
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





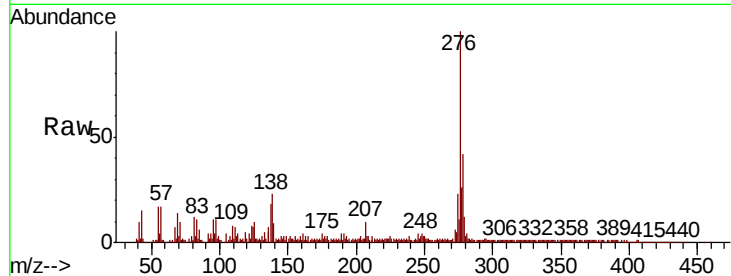
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 7.800 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.02 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

Instrument :
 BNA_F
 ClientSampled :
 20MSD

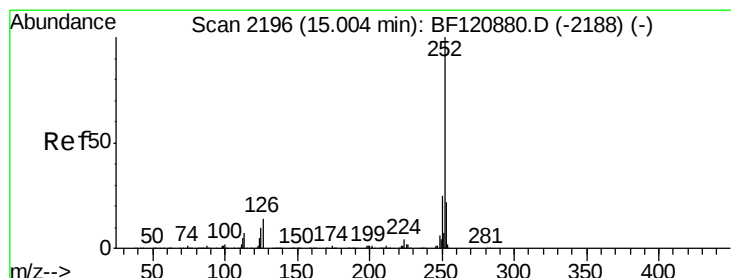
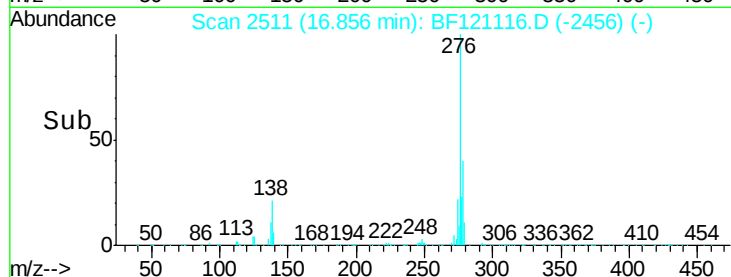
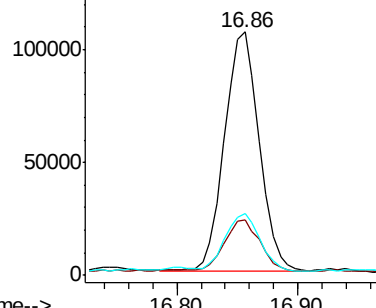
Tot Ion:	276	Resp:	211318
Ion Ratio	Lower	Upper	
276	100		
138	22.7	19.3	28.9
277	24.5	20.1	30.1

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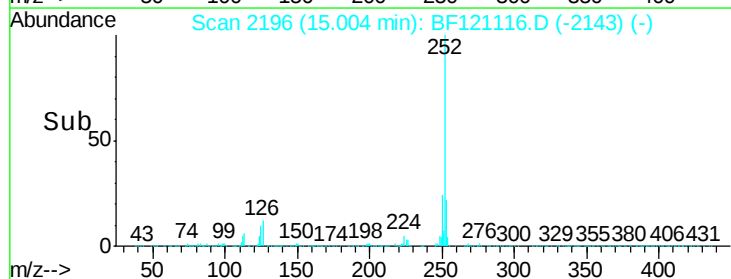
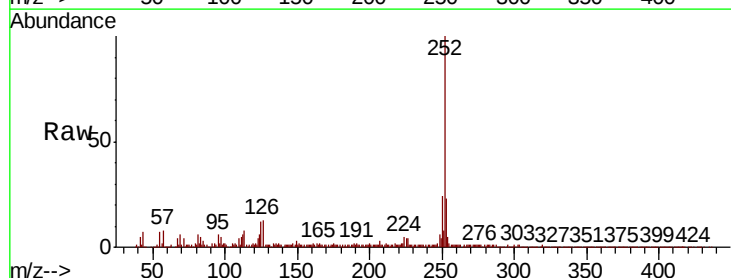
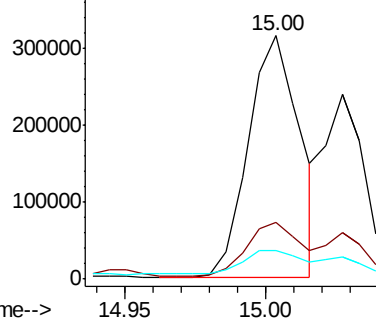
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

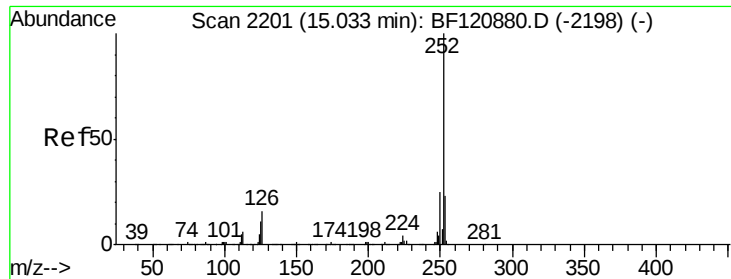


#88
 Benzo(b)fluoranthene
 Concen: 16.788 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: BF121116.D
 Acq: 29 Jul 2020 22:33

Tgt Ion:	252	Resp:	395308
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.9	26.9
125	12.0	8.1	12.1

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





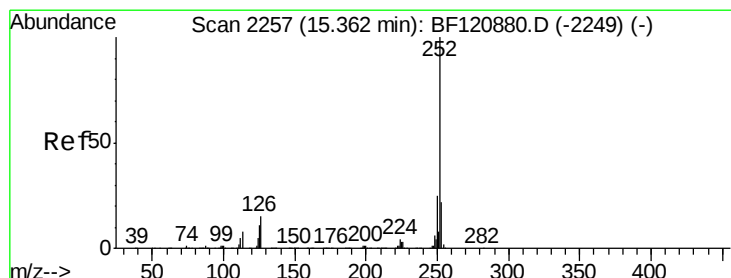
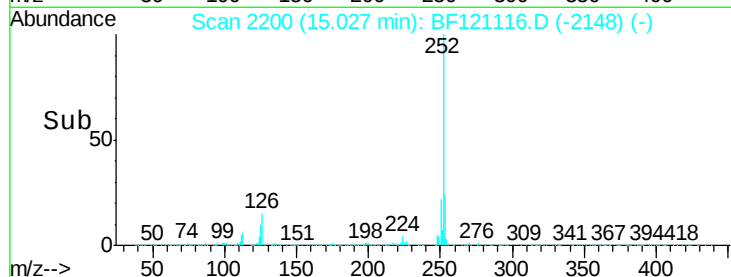
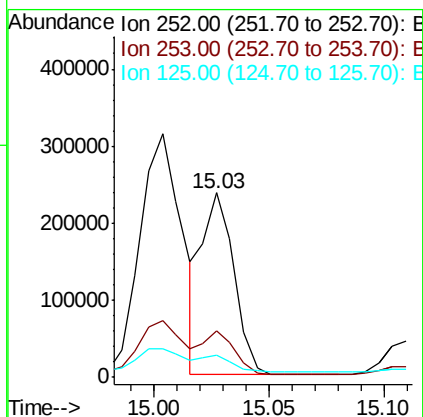
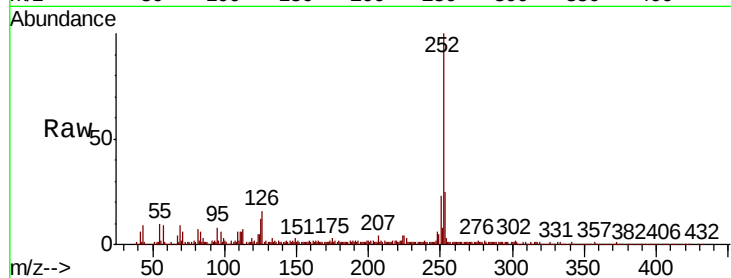
#89
Benzo(k)fluoranthene
Concen: 10.663 ng m
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Instrument :
BNA_F
ClientSampleId :
20MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.1	27.1
125	12.3	8.0	12.0

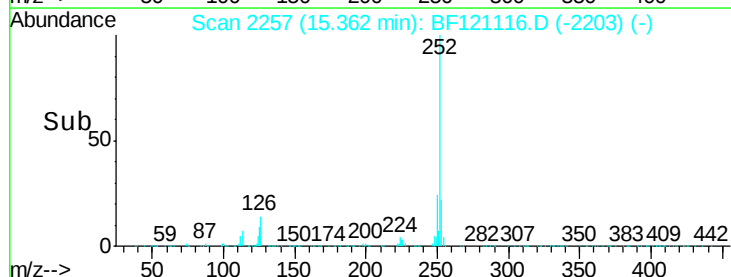
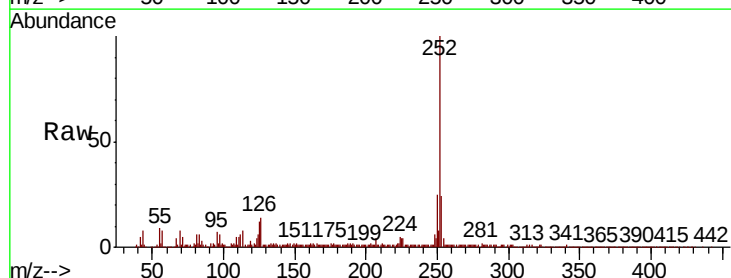
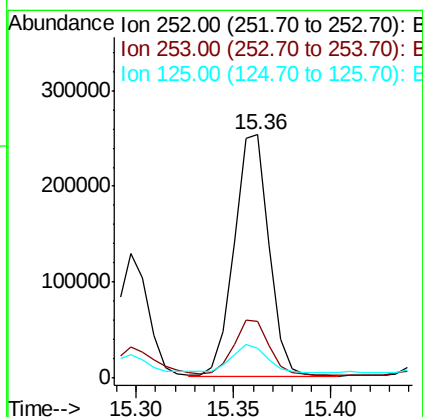
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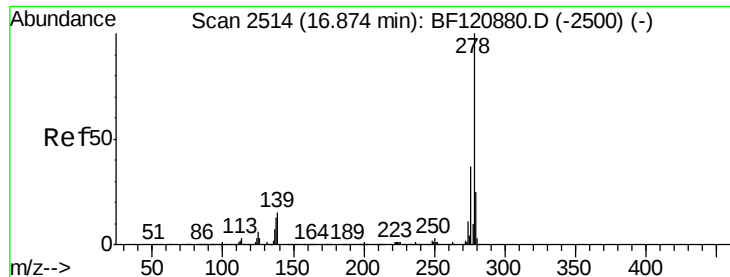
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#90
Benzo(a)pyrene
Concen: 14.417 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.02 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	12.2	9.5	14.3





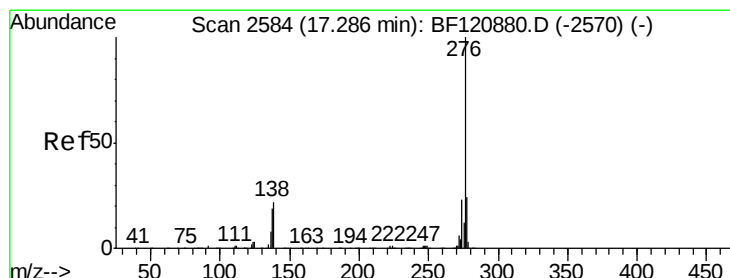
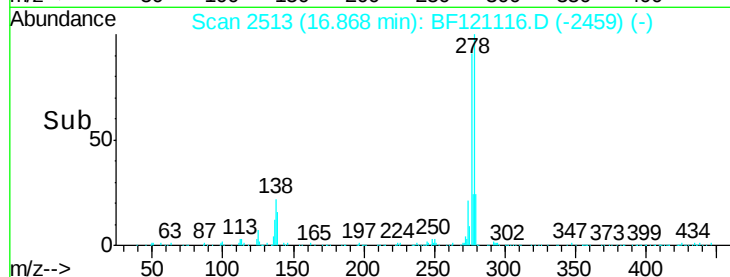
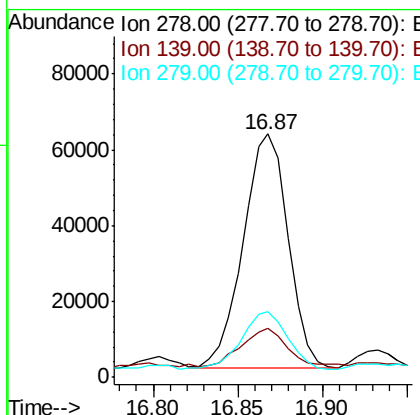
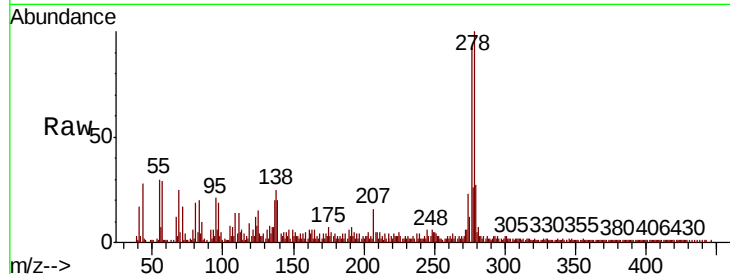
#91
Dibenzo(a,h)anthracene
Concen: 5.168 ng
RT: 16.87 min Scan# 2513
Delta R.T. 0.02 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Instrument :
BNA_F
ClientSampleId :
20MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.4	12.6	18.8#
279	26.8	19.5	29.3

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#92
Benzo(g,h,i)perylene
Concen: 8.644 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.02 min
Lab File: BF121116.D
Acq: 29 Jul 2020 22:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.4	29.0
138	21.3	17.2	25.8

