

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120307.D
 Acq On : 14 May 2020 22:51
 Operator : MA/SJ
 Sample : L2501-07MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320MSD

Manual Integrations
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Quant Time: May 15 04:33:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:47:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	373604	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	1455602	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	707725	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1242331	20.00	ng	0.00
76) Chrysene-d12	13.79	240	701424	20.00	ng	0.00
87) Perylene-d12	15.17	264	657288	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	1917370	99.86	ng	0.02
7) Phenol-d6	6.28	99	2139706	88.12	ng	0.00
23) Nitrobenzene-d5	7.20	82	1641072	77.19	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	607411	105.26	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	2900161	84.19	ng	0.00
79) Terphenyl-d14	12.73	244	2611396	82.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	299970	39.272	ng	96
3) Pyridine	3.02	79	560363	23.338	ng	100
4) n-Nitrosodimethylamine	2.94	42	331642	35.275	ng	96
6) Aniline	6.29	93	554871	17.868	ng	# 31
8) 2-Chlorophenol	6.42	128	847004	37.832	ng	97
9) Benzaldehyde	6.17	77	404440	27.019	ng	99
10) Phenol	6.29	94	859315	30.316	ng	87
11) bis(2-Chloroethyl)ether	6.37	93	826356	36.496	ng	99
12) 1,3-Dichlorobenzene	6.56	146	826619	34.505	ng	99
13) 1,4-Dichlorobenzene	6.64	146	864625	35.042	ng	99
14) 1,2-Dichlorobenzene	6.79	146	791495	35.622	ng	98
15) Benzyl Alcohol	6.78	79	658875	38.194	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1293528	36.251	ng	90
17) 2-Methylphenol	6.90	107	643544	34.050	ng	94
18) Hexachloroethane	7.13	117	307755	32.741	ng	99
19) n-Nitroso-di-n-propylamine	7.05	70	589434	37.053	ng	97
20) 3+4-Methylphenols	7.06	107	835791	34.013	ng	97
22) Acetophenone	7.05	105	1168668	39.191	ng	# 98
24) Nitrobenzene	7.22	77	876517	38.309	ng	100
25) Isophorone	7.46	82	1647171	37.236	ng	99
26) 2-Nitrophenol	7.53	139	464958	38.855	ng	99
27) 2,4-Dimethylphenol	7.58	122	724137	41.600	ng	95
28) bis(2-Chloroethoxy)methane	7.67	93	1068502	38.430	ng	99
29) 2,4-Dichlorophenol	7.78	162	684941	38.312	ng	98
30) 1,2,4-Trichlorobenzene	7.85	180	734527	37.076	ng	98
31) Naphthalene	7.93	128	2412576	39.272	ng	100
32) Benzoic acid	7.73	122	357567	31.338	ng	95
33) 4-Chloroaniline	7.99	127	372621	13.310	ng	99
34) Hexachlorobutadiene	8.05	225	404630	35.336	ng	97
35) Caprolactam	8.36	113	161040m	27.534	ng	
36) 4-Chloro-3-methylphenol	8.49	107	718634	37.158	ng	97
37) 2-Methylnaphthalene	8.62	142	1564432	37.213	ng	98
38) 1-Methylnaphthalene	8.72	142	1494703	36.658	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	706062	39.565	ng	99

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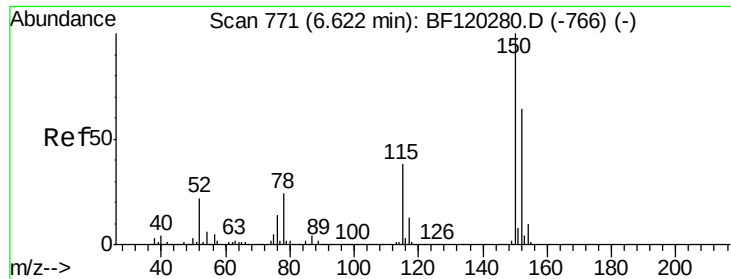
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Quant Time: May 15 04:33:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	335829	48.468	ng	98
43) 2,4,6-Trichlorophenol	8.91	196	463622	38.704	ng	99
44) 2,4,5-Trichlorophenol	8.96	196	495786	36.040	ng	97
46) 1,1'-Biphenyl	9.09	154	1902051	41.018	ng	99
47) 2-Chloronaphthalene	9.12	162	1437787	38.654	ng	98
48) 2-Nitroaniline	9.22	65	514842	37.935	ng	98
49) Acenaphthylene	9.53	152	2188566	38.518	ng	100
50) Dimethylphthalate	9.40	163	1870786	41.816	ng	100
51) 2,6-Dinitrotoluene	9.46	165	366348	36.689	ng	93
52) Acenaphthene	9.70	154	1291265	37.914	ng	100
53) 3-Nitroaniline	9.63	138	203991	17.131	ng	99
54) 2,4-Dinitrophenol	9.75	184	252389	53.548	ng	91
55) Dibenzofuran	9.87	168	1899108	38.722	ng	99
56) 4-Nitrophenol	9.82	139	388318	60.692	ng	92
57) 2,4-Dinitrotoluene	9.87	165	440033	37.568	ng	98
58) Fluorene	10.22	166	1463389	39.179	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.00	232	391963	37.861	ng	99
60) Diethylphthalate	10.10	149	1630424	37.748	ng	99
61) 4-Chlorophenyl-phenylether	10.20	204	713448	36.738	ng	97
62) 4-Nitroaniline	10.25	138	358188	32.304	ng	98
63) Azobenzene	10.37	77	1593233	39.030	ng	97
65) 4,6-Dinitro-2-methylphenol	10.27	198	189276	30.126	ng	92
66) n-Nitrosodiphenylamine	10.33	169	1360420	39.581	ng	100
67) 4-Bromophenyl-phenylether	10.69	248	435326	36.111	ng	99
68) Hexachlorobenzene	10.76	284	464315	36.816	ng	98
69) Atrazine	10.86	200	348783	33.914	ng	99
70) Pentachlorophenol	10.96	266	410369	76.505	ng	99
71) Phenanthrene	11.17	178	2010249	38.508	ng	99
72) Anthracene	11.22	178	2176265	38.942	ng	100
73) Carbazole	11.38	167	1972178	37.769	ng	99
74) Di-n-butylphthalate	11.72	149	2426570	38.559	ng	99
75) Fluoranthene	12.36	202	2052862	36.689	ng	99
77) Benzidine	12.49	184	983938	48.037	ng	97
78) Pyrene	12.59	202	2025757	40.511	ng	99
80) Butylbenzylphthalate	13.21	149	891047	37.842	ng	97
81) Benzo(a)anthracene	13.77	228	1399736	37.835	ng	99
82) 3,3'-Dichlorobenzidine	13.74	252	399737	28.672	ng	97
83) Chrysene	13.81	228	1508272	37.967	ng	99
84) Bis(2-ethylhexyl)phthalate	13.77	149	1088719	37.163	ng	100
85) Di-n-octyl phthalate	14.38	149	1827724	34.680	ng	99
86) Indeno(1,2,3-cd)pyrene	16.51	276	1378795	38.241	ng	100
88) Benzo(b)fluoranthene	14.79	252	1278277	35.611	ng	98
89) Benzo(k)fluoranthene	14.82	252	1336415	42.972	ng	99
90) Benzo(a)pyrene	15.12	252	1200396	37.288	ng	99
91) Dibenzo(a,h)anthracene	16.52	278	1163686	40.803	ng	99
92) Benzo(g,h,i)perylene	16.90	276	1081487	37.605	ng	98

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



#1

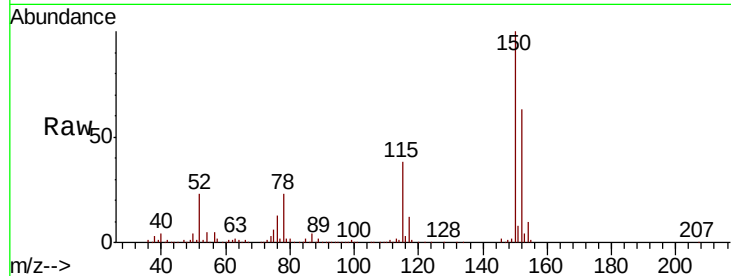
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

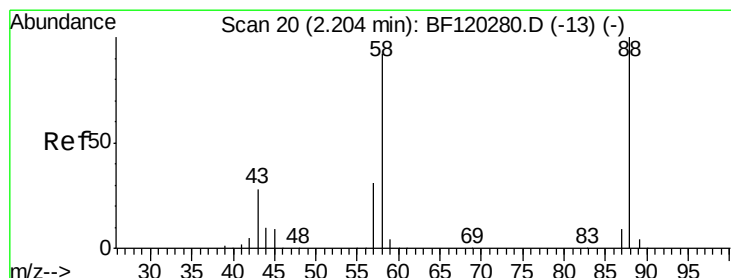
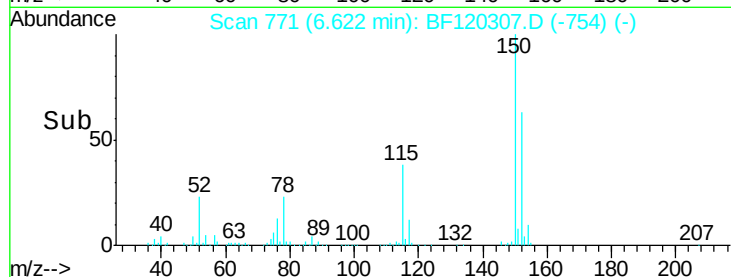
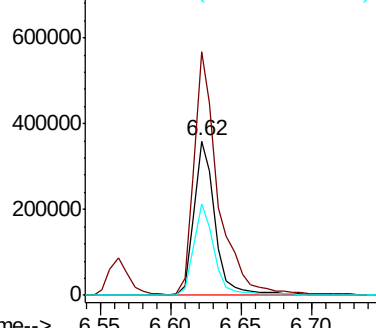
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.2	189.2
115	59.2	47.9	71.9

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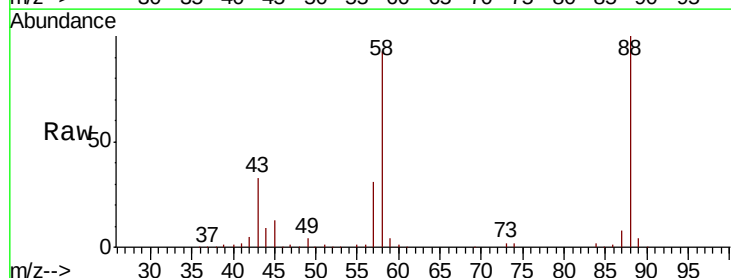
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



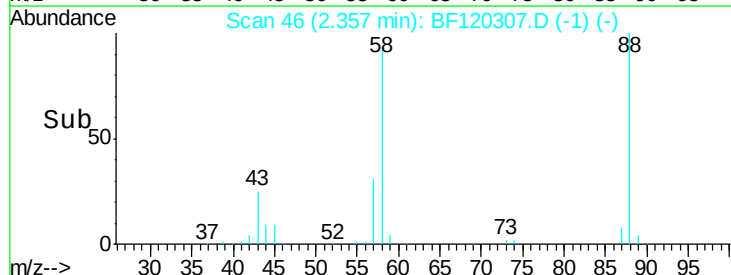
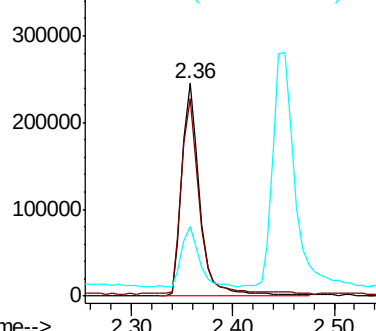
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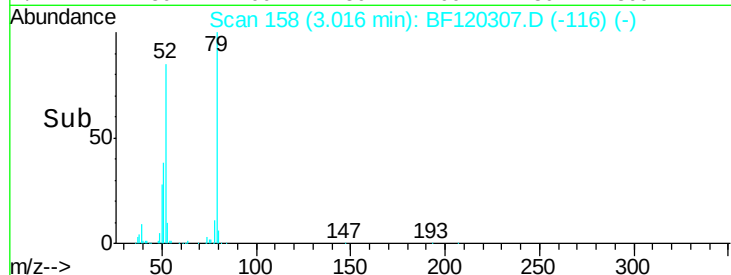
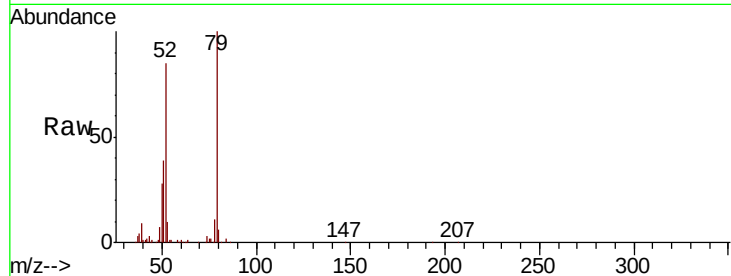
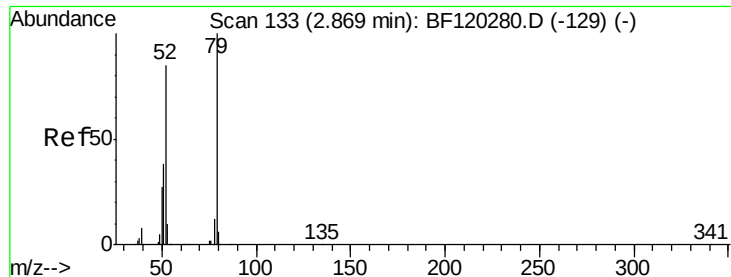
1,4-Dioxane
Concen: 39.272 ng
RT: 2.36 min Scan# 46
Delta R.T. 0.15 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.1	75.8	113.6
43	27.3	23.6	35.4



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





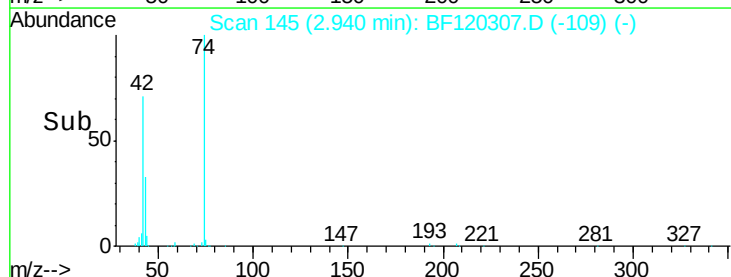
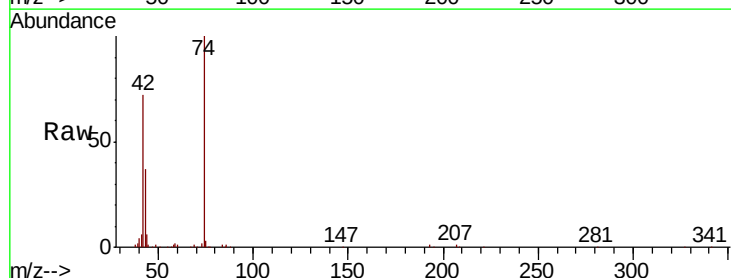
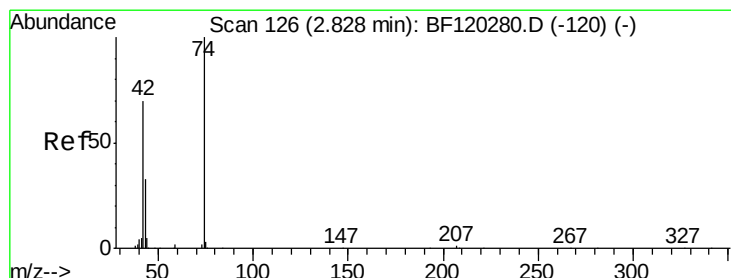
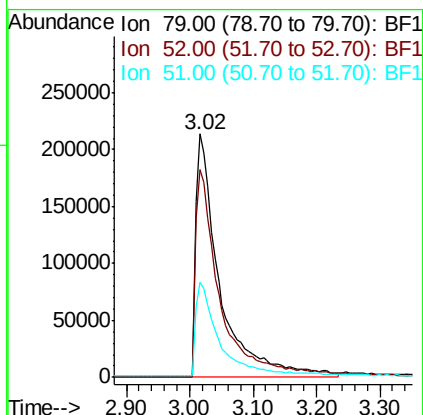
#3
Pvridine
Concen: 23.338 ng
RT: 3.02 min Scan# 158
Delta R.T. 0.15 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Tot Ion	Ratio	Lower	Upper
79	100		
52	85.2	68.4	102.6
51	38.9	31.0	46.4

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

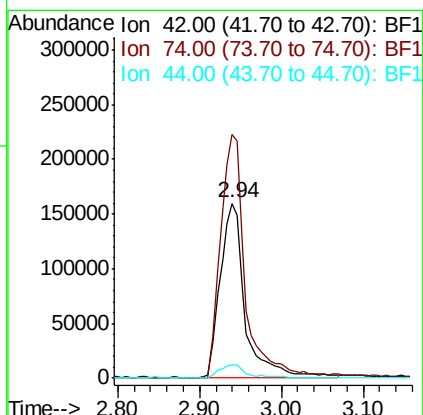
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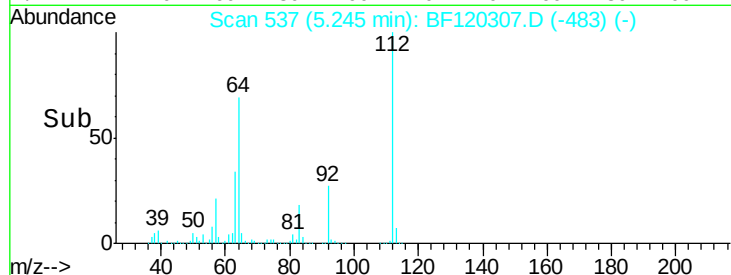
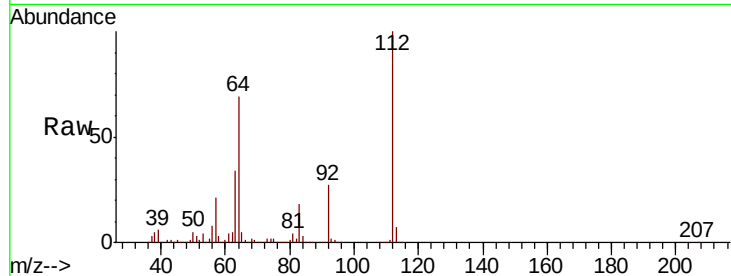
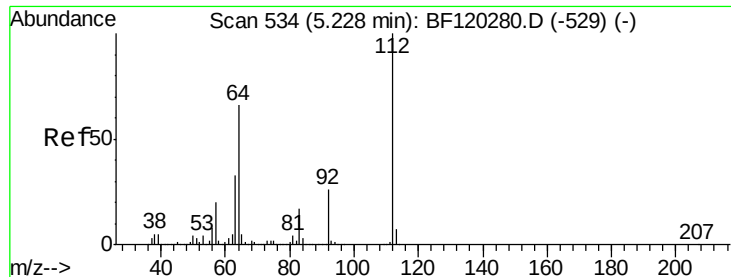
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#4
n-Nitrosodimethylamine
Concen: 35.275 ng
RT: 2.94 min Scan# 145
Delta R.T. 0.11 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Tgt Ion	Ratio	Lower	Upper
42	100		
74	139.0	114.8	172.2
44	7.8	5.6	8.4





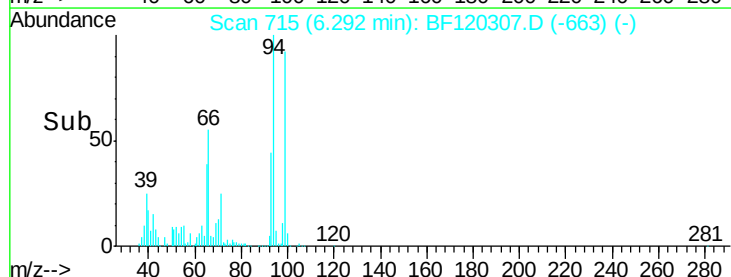
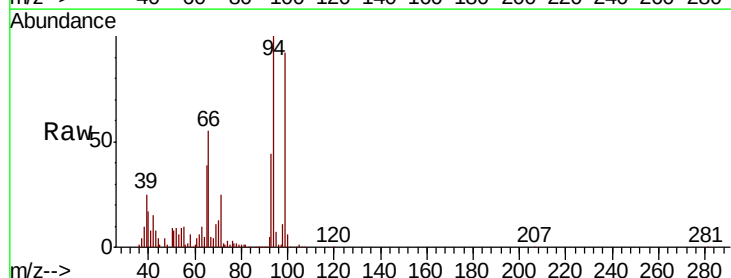
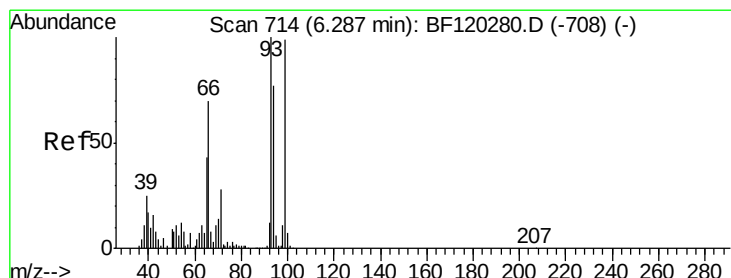
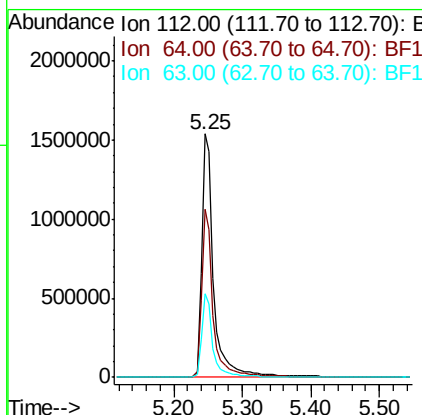
#5
2-Fluorophenol
Concen: 99.855 ng
RT: 5.25 min Scan# 537
Delta R.T. 0.02 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Tot Ion	Ratio	Lower	Upper
112	100		
64	69.1	52.7	79.1
63	34.3	26.2	39.4

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

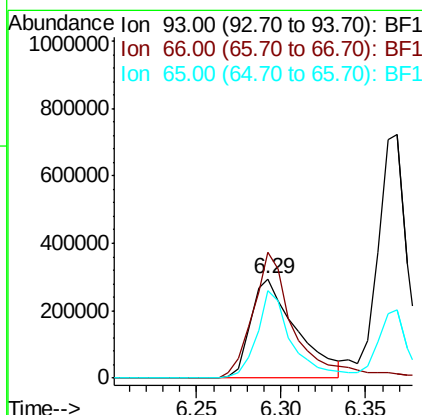
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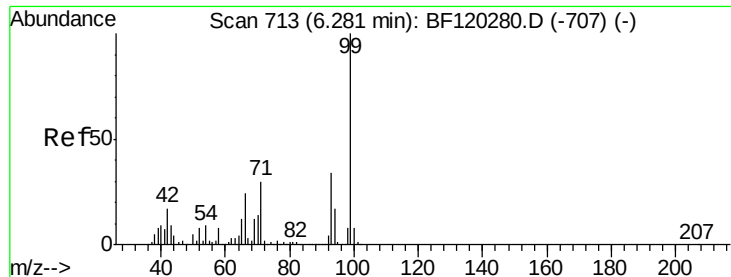
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#6
Aniline
Concen: 17.868 ng
RT: 6.29 min Scan# 715
Delta R.T. 0.01 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Tgt Ion	Ratio	Lower	Upper
93	100		
66	126.4	56.2	84.4#
65	88.1	34.2	51.2#





#7

Phenol-d6

Concen: 88.119 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MSD

Tot Ion: 99 Resp: 2139706

Ion Ratio Lower Upper

99 100

42 17.5 13.6 20.4

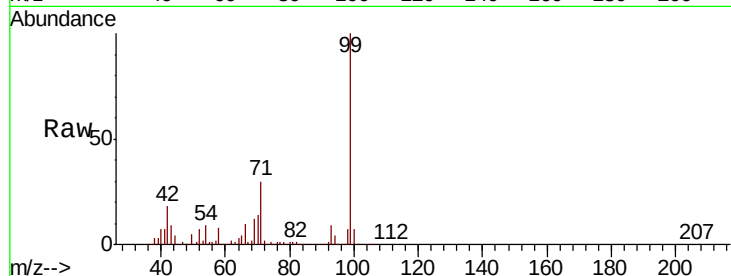
71 30.3 24.2 36.4

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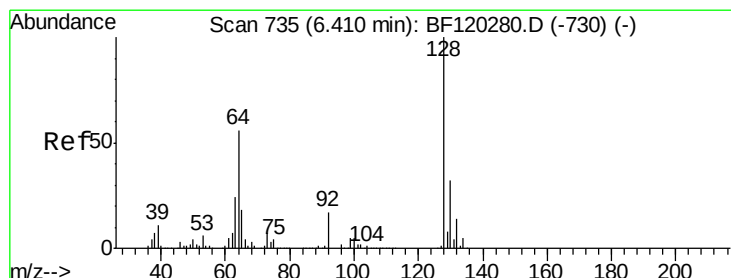
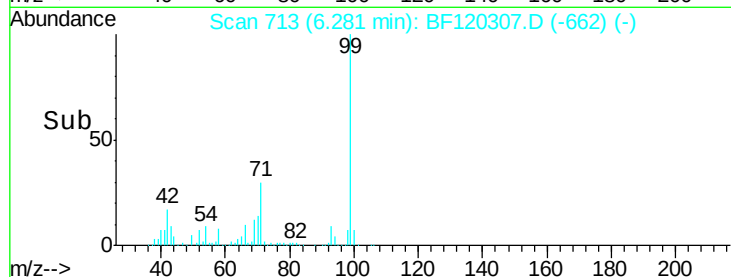
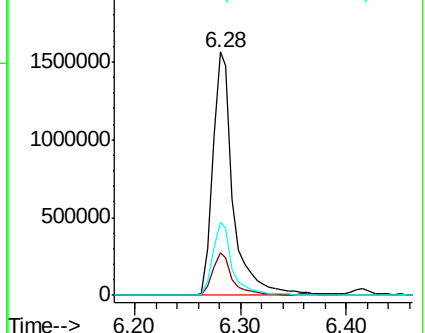
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.832 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

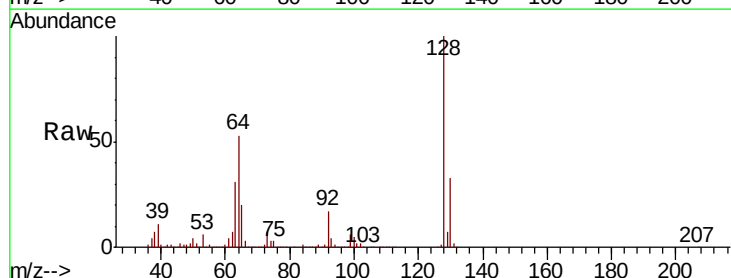
Tgt Ion: 128 Resp: 847004

Ion Ratio Lower Upper

128 100

130 32.6 12.4 52.4

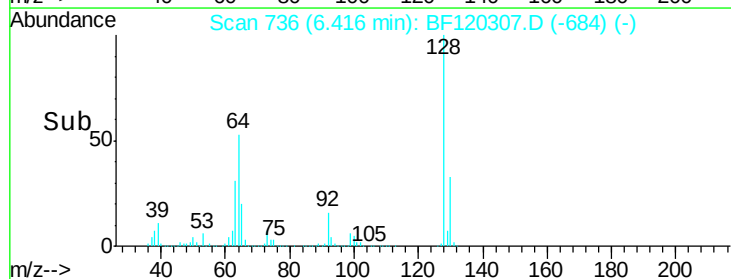
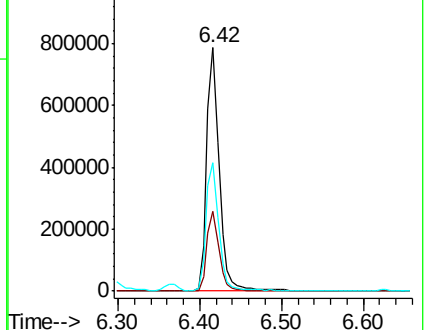
64 53.0 36.7 76.7

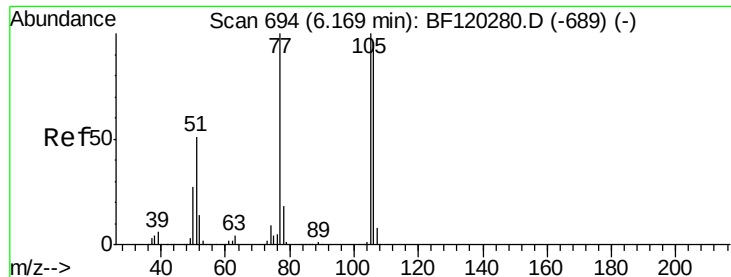


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.019 ng

RT: 6.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA_F

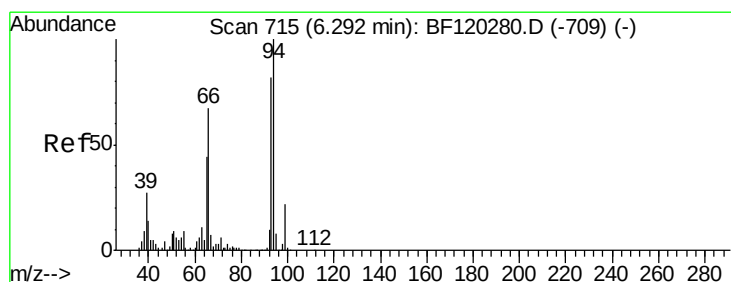
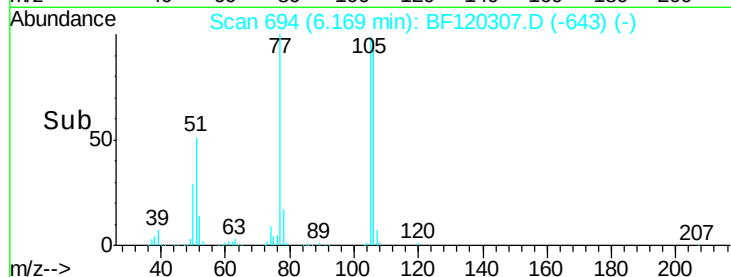
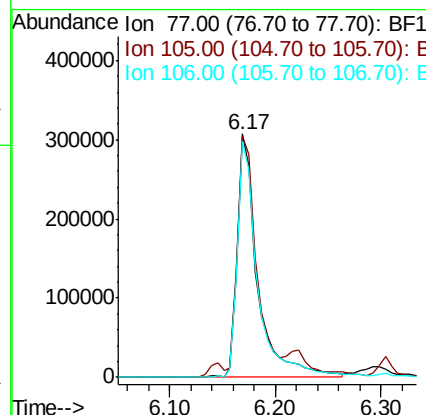
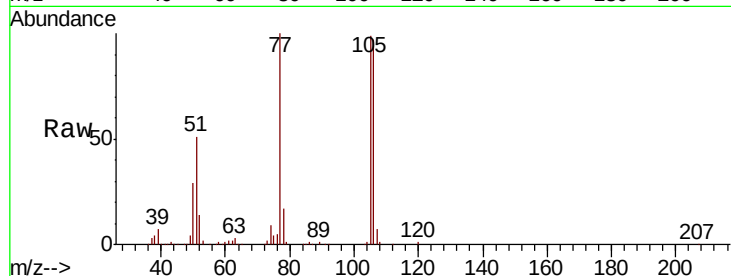
ClientSampleId :

EO-01-051320MSD

Tot Ion:	77	Resp:	404440
Ion	Ratio	Lower	Upper
77	100		
105	98.8	79.9	119.9
106	96.9	75.7	115.7

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#10

Phenol

Concen: 30.316 ng

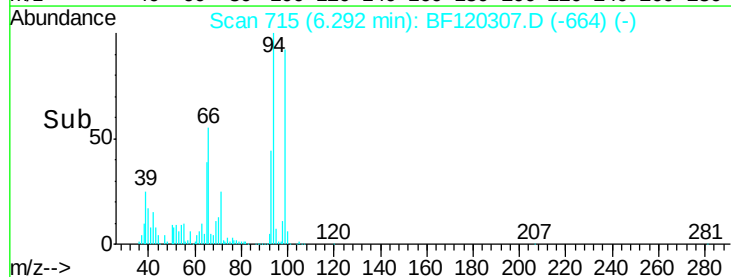
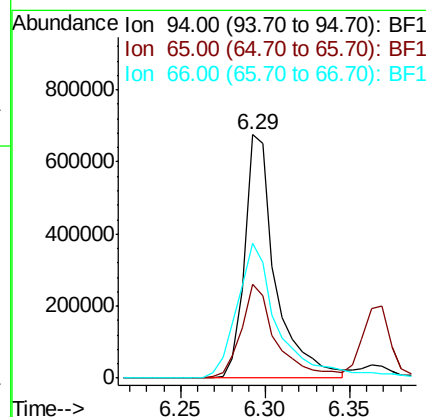
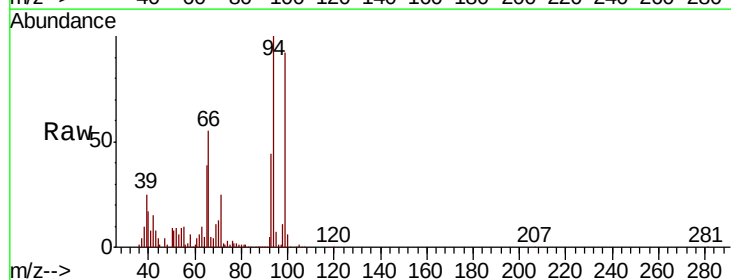
RT: 6.29 min Scan# 715

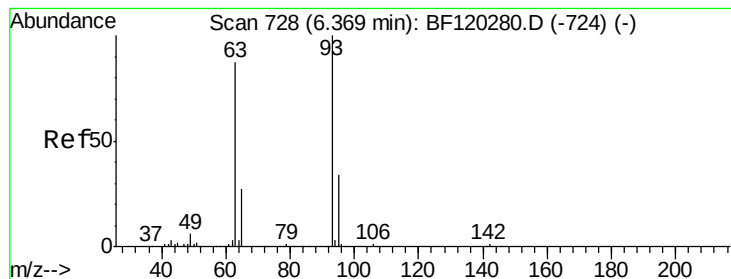
Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Tgt Ion:	94	Resp:	859315
Ion	Ratio	Lower	Upper
94	100		
65	38.5	24.1	64.1
66	55.3	47.5	87.5





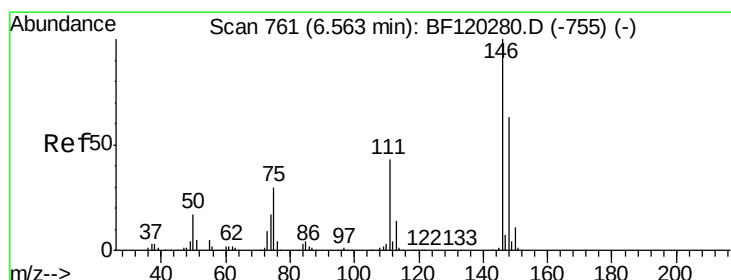
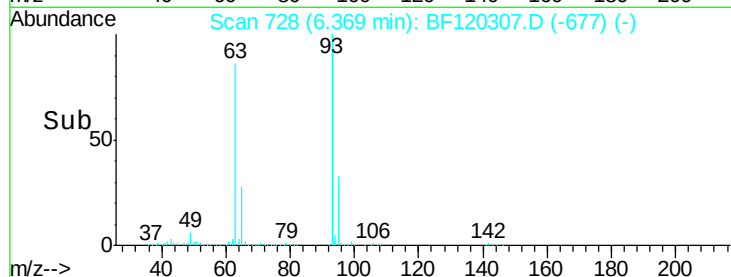
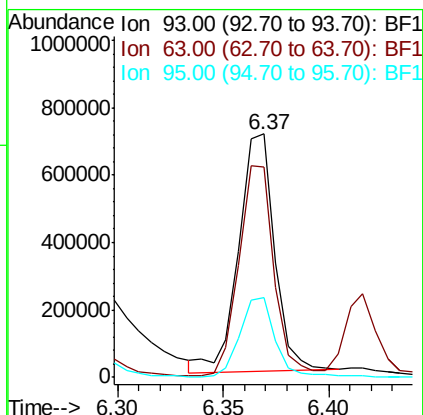
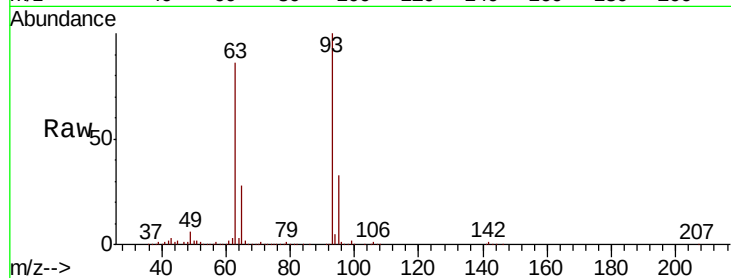
#11
bis(2-Chloroethyl)ether
Concen: 36.496 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

Tot Ion	93	Resp	826356
Ion	Ratio	Lower	Upper
93	100		
63	86.1	65.4	105.4
95	32.7	12.9	52.9

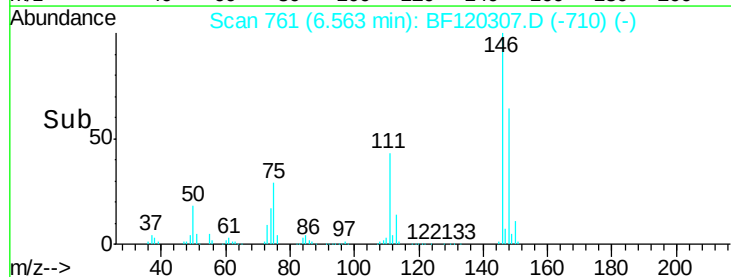
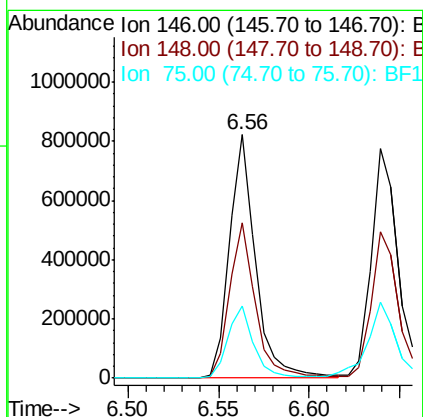
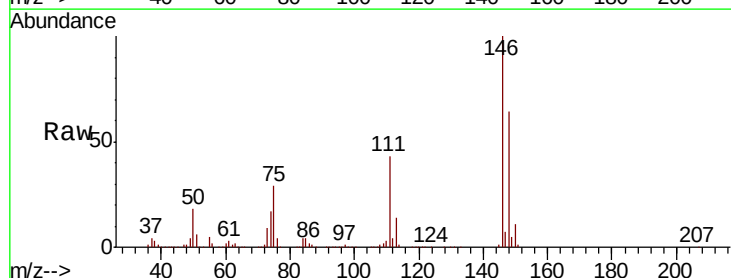
Manual Integrations
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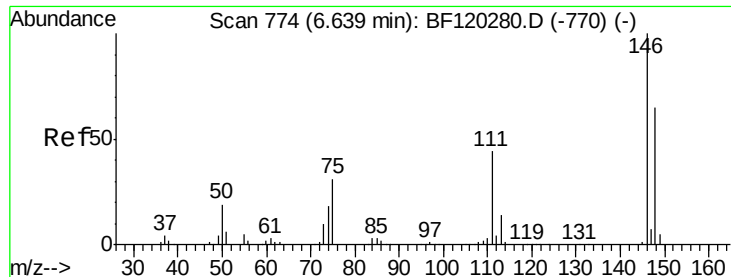
mohammad
5/18/2020 1:32:20 PM



#12
1,3-Dichlorobenzene
Concen: 34.505 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Tgt Ion	146	Resp	826619
Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.5	75.7
75	29.5	24.2	36.4





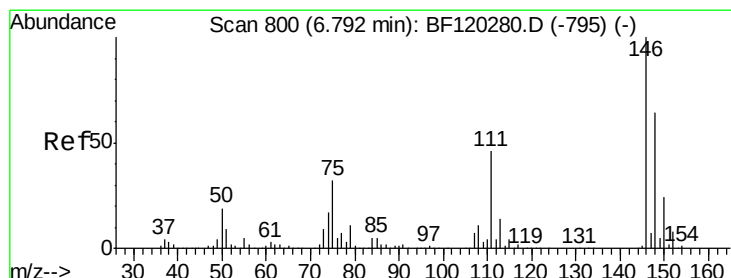
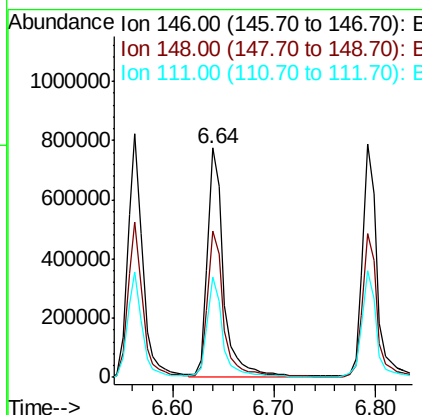
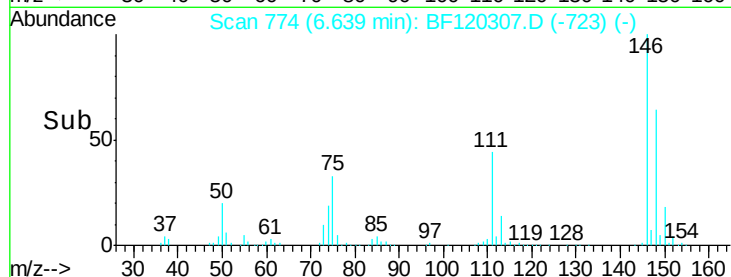
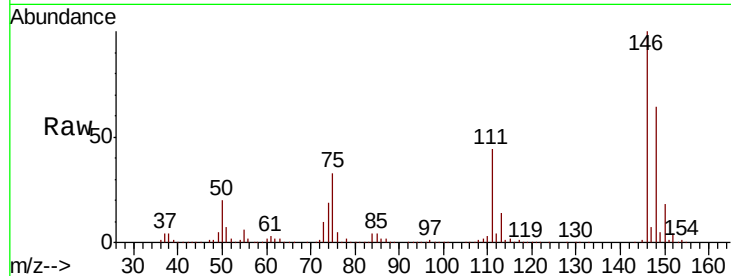
#13
 1,4-Dichlorobenzene
 Concen: 35.042 ng
 RT: 6.64 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF120307.D
 Acq: 14 May 2020 22:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.6	77.4
111	43.9	35.1	52.7

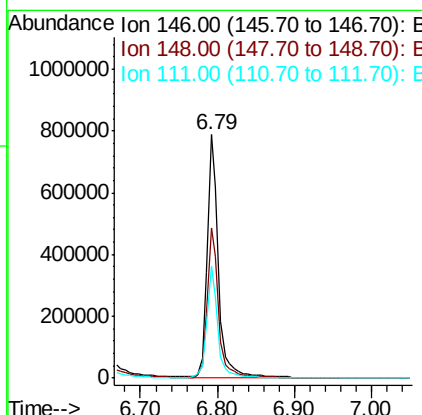
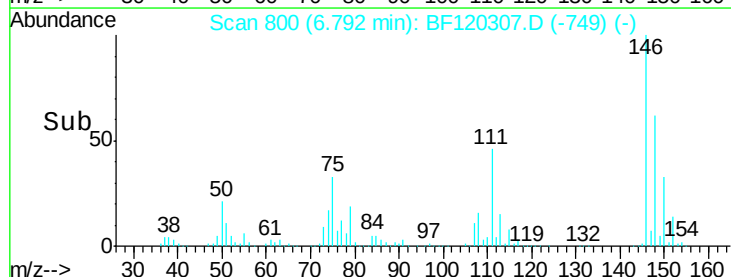
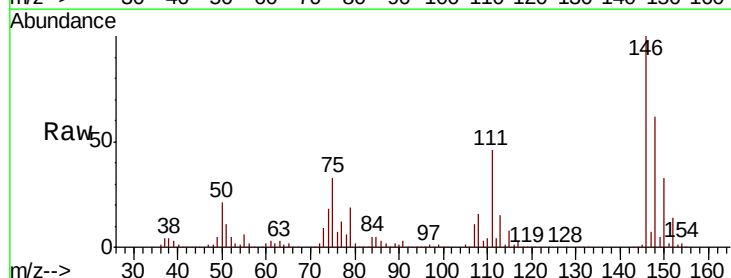
Manual Integrations
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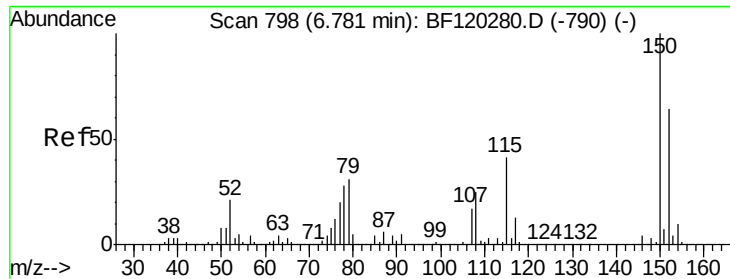
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 35.622 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF120307.D
 Acq: 14 May 2020 22:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	51.1	76.7
111	45.8	36.6	55.0





#15

Benzyl Alcohol

Concen: 38.194 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MSD

Tot Ion: 79 Resp: 658875

Ion Ratio Lower Upper

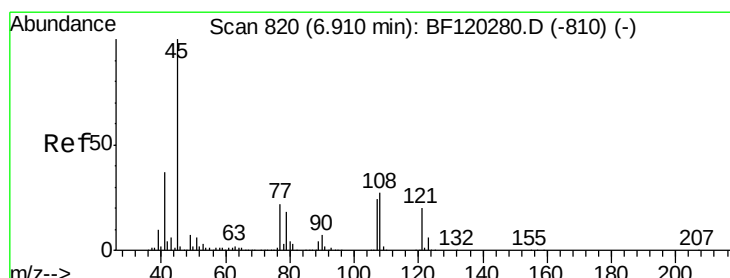
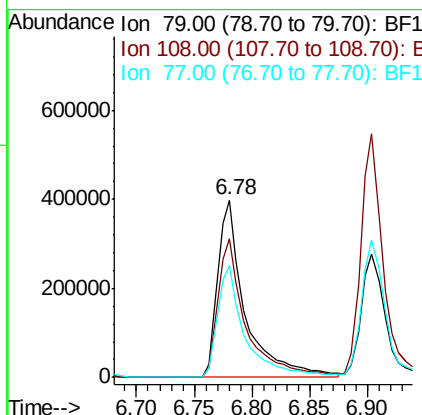
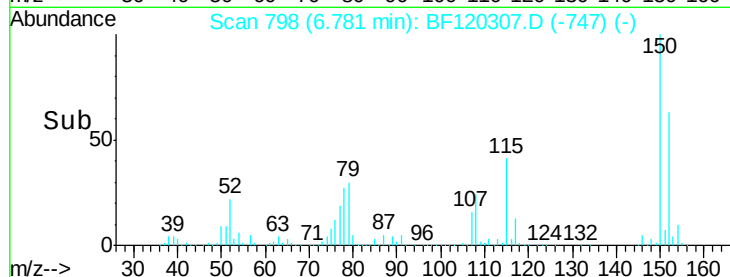
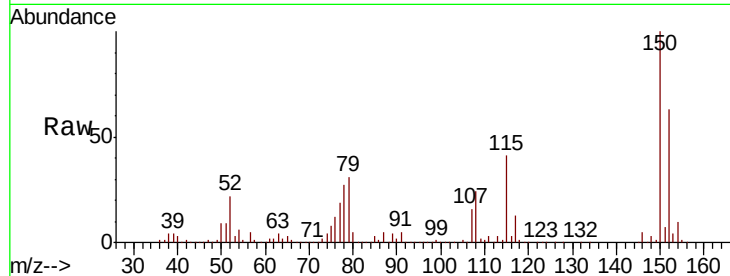
79 100

108 78.3 64.2 96.4

77 62.8 51.6 77.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.251 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

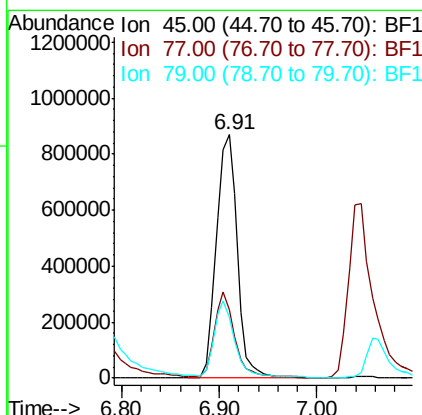
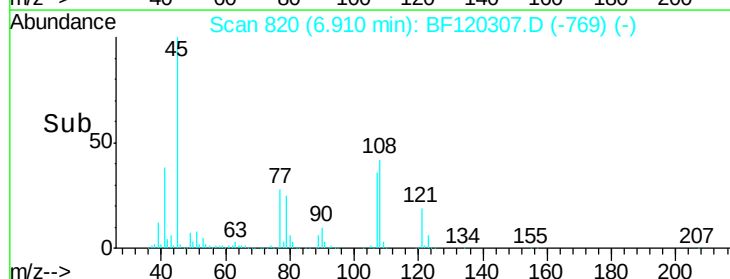
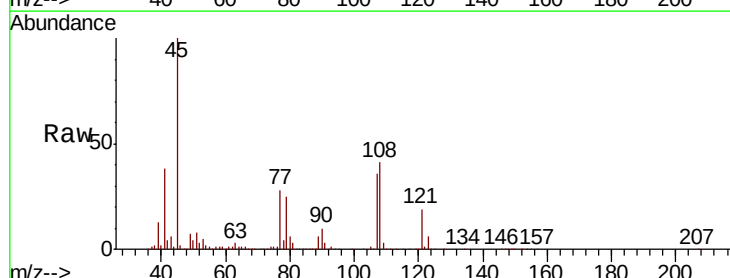
Tgt Ion: 45 Resp: 1293528

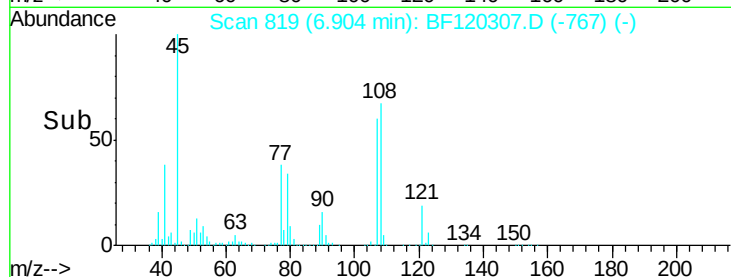
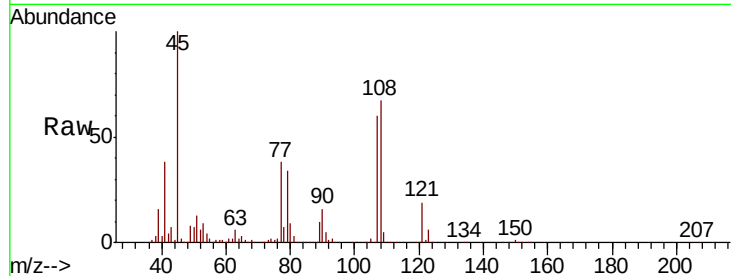
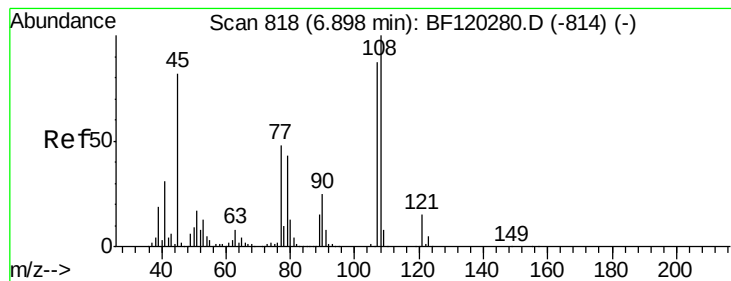
Ion Ratio Lower Upper

45 100

77 27.9 3.1 43.1

79 24.8 0.0 40.0





#17

2-Methylphenol

Concen: 34.050 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Tot Ion	107	Resp	643544
Ion	Ratio	Lower	Upper
107	100		
108	112.5	92.4	138.6
77	63.4	44.5	66.7
79	57.1	40.4	60.6

Instrument :

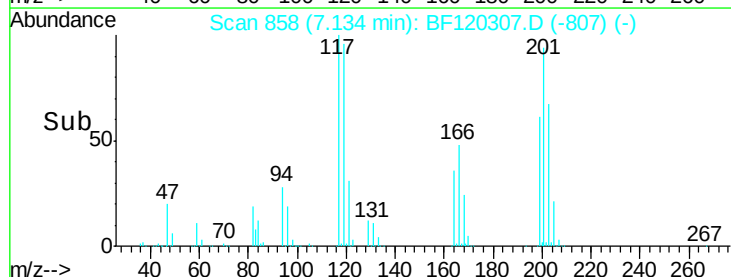
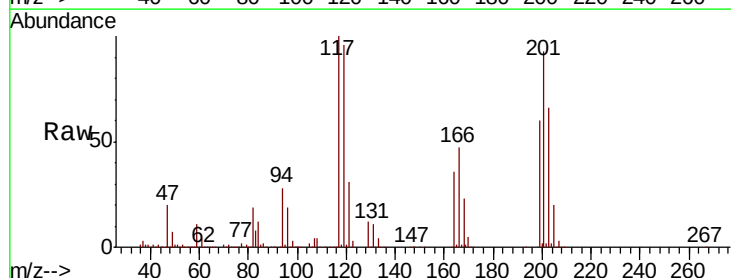
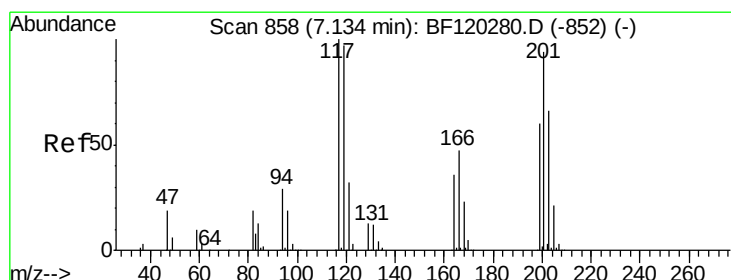
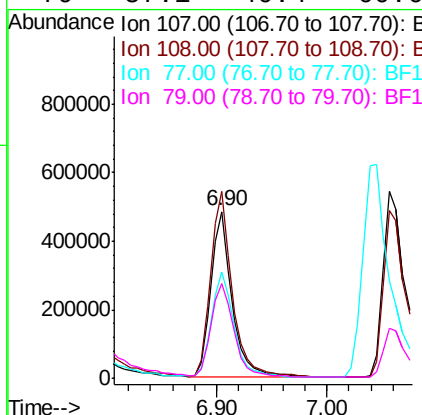
BNA_F

ClientSampleId :

EO-01-051320MSD

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#18

Hexachloroethane

Concen: 32.741 ng

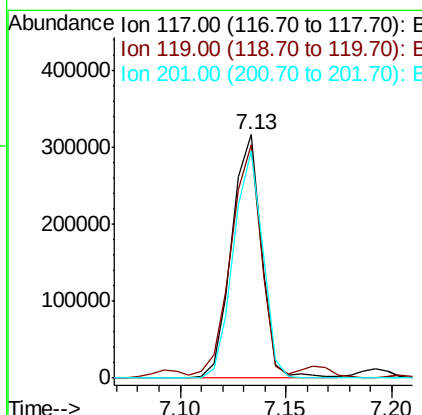
RT: 7.13 min Scan# 858

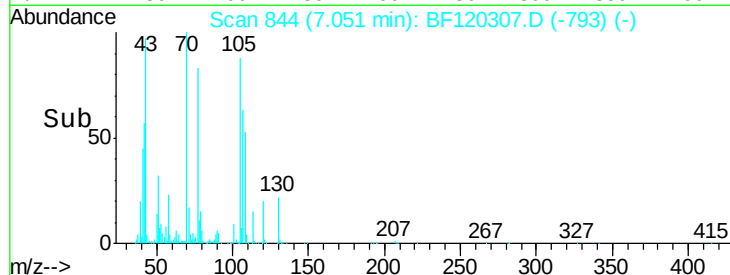
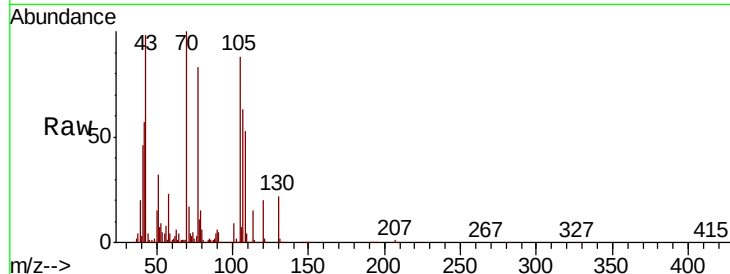
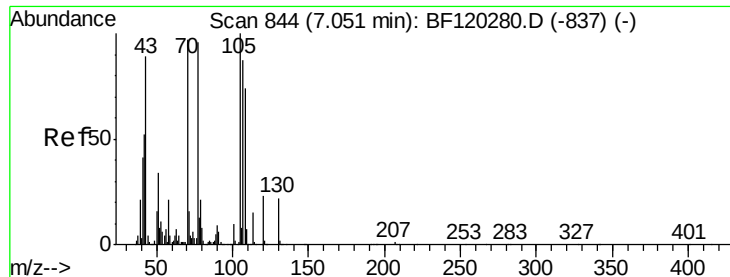
Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Tgt Ion	117	Resp	307755
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.4	116.0
201	93.5	74.9	112.3





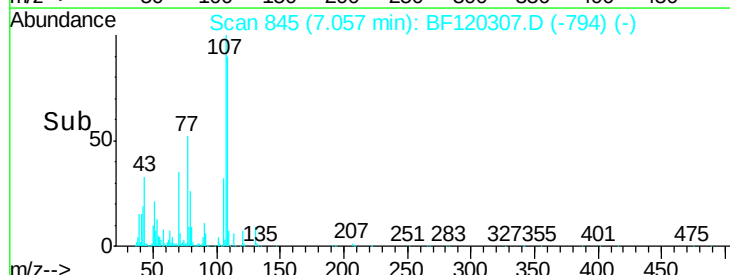
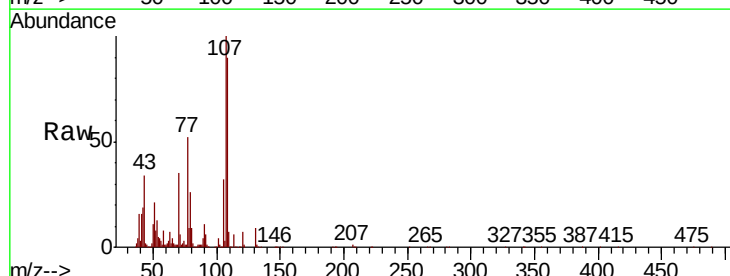
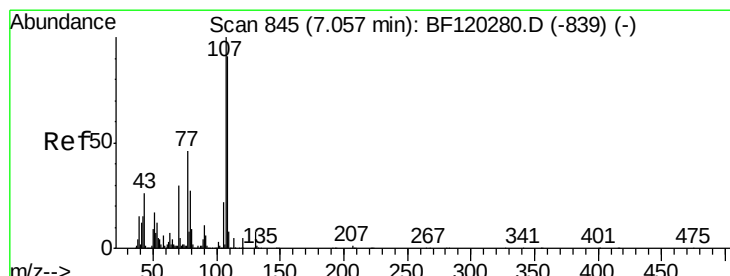
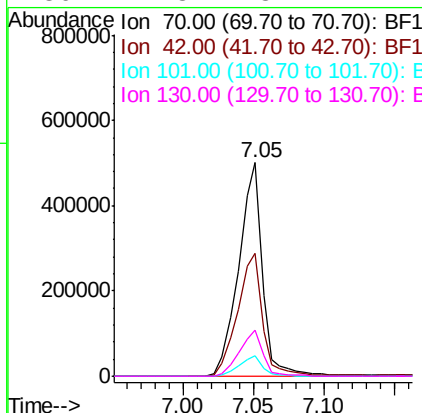
#19
n-Nitroso-di-n-propylamine
Concen: 37.053 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.3	43.4	65.0
101	9.4	7.8	11.8
130	21.8	18.2	27.4

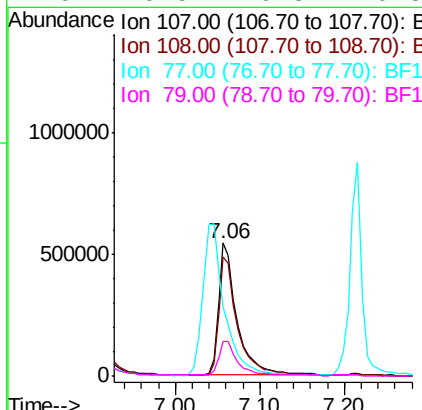
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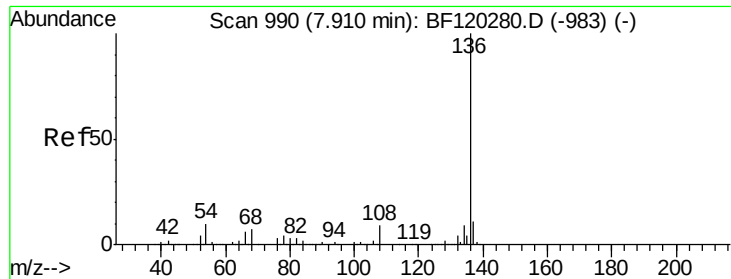
mohammad
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#20
3+4-Methylphenols
Concen: 34.013 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	71.1	111.1
77	52.4	28.1	68.1
79	26.5	6.8	46.8





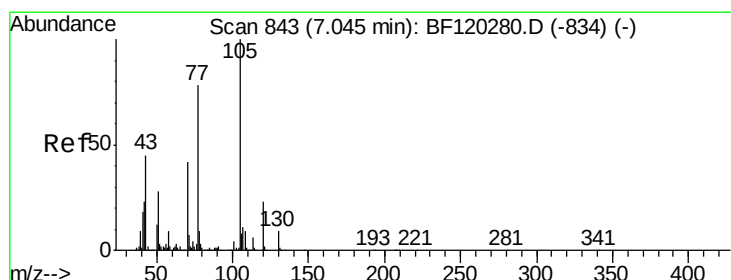
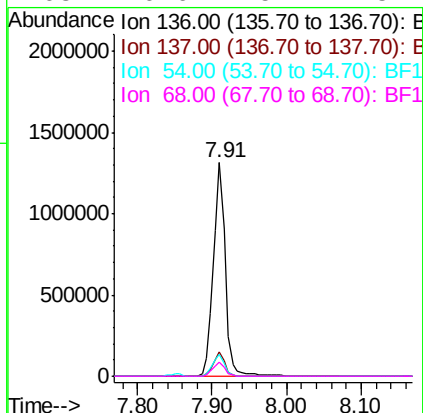
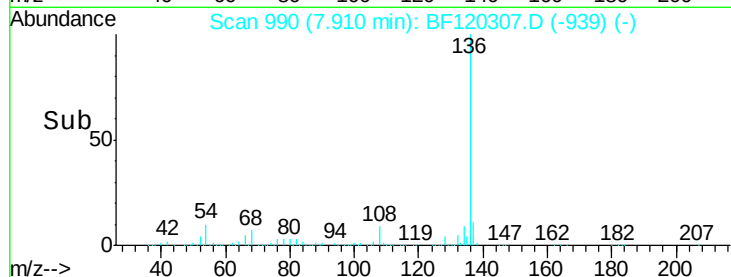
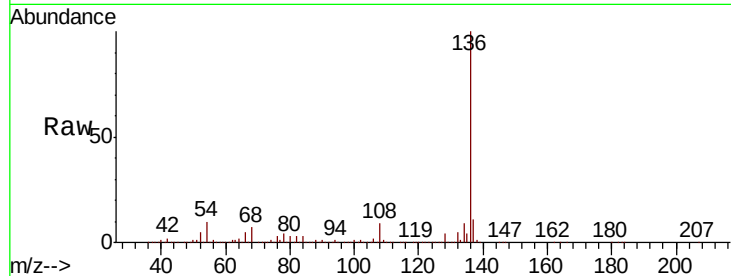
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

Tot Ion	136	Resp	1455602
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.5	7.9	11.9
68	6.6	5.4	8.2

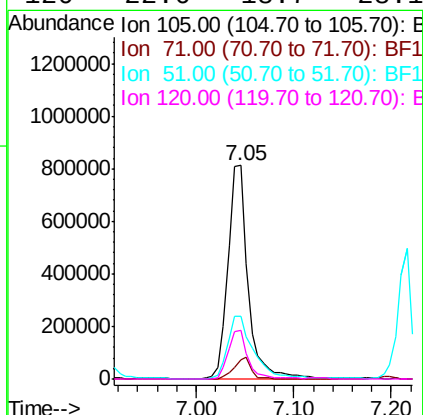
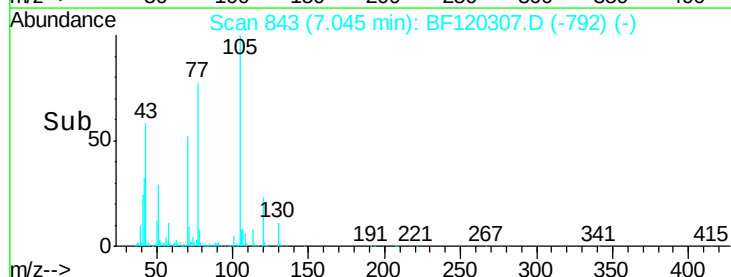
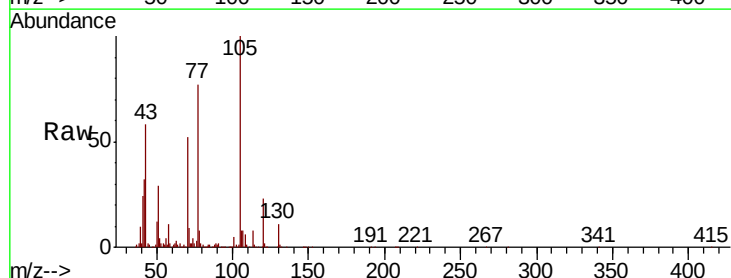
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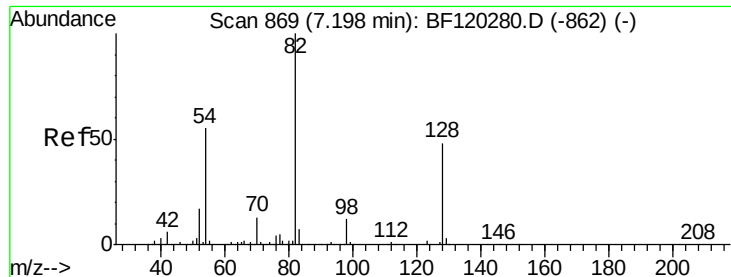
mohammad
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#22
Acetophenone
Concen: 39.191 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Tgt Ion	105	Resp	1168668
Ion	Ratio	Lower	Upper
105	100		
71	8.9	5.6	8.4#
51	29.4	22.6	34.0
120	22.6	18.7	28.1





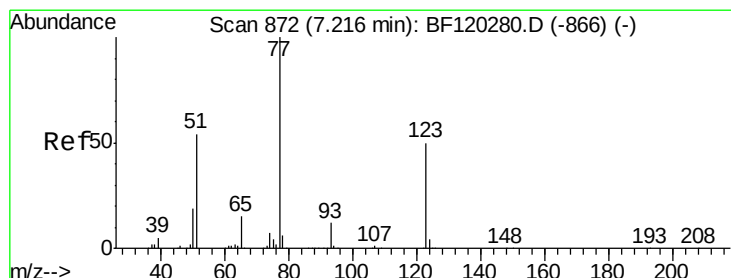
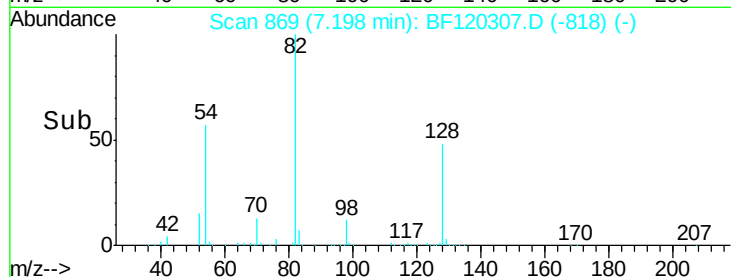
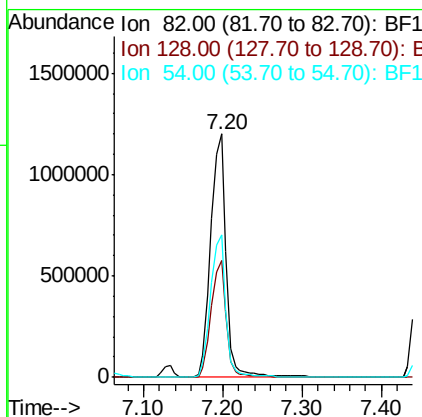
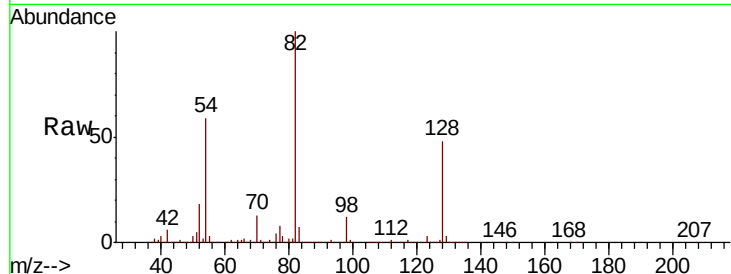
#23
Nitrobenzene-d5
Concen: 77.190 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

Tot Ion	82	Resp	1641072
Ion	Ratio	Lower	Upper
82	100		
128	47.8	38.3	57.5
54	58.6	43.9	65.9

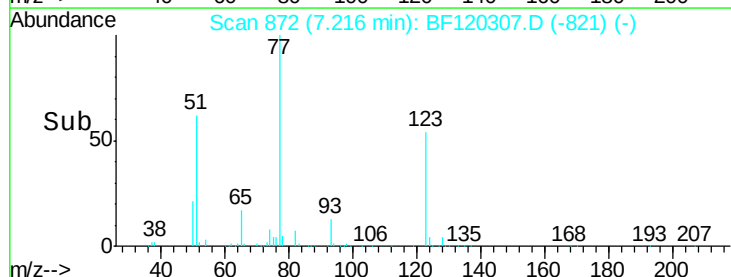
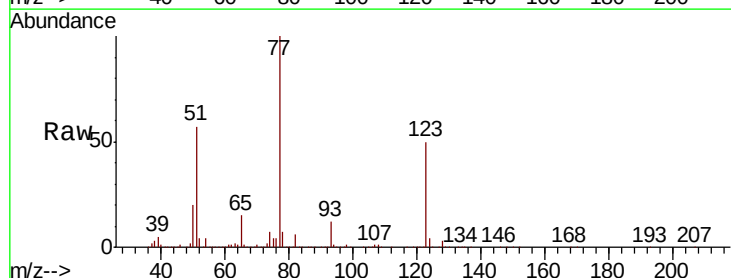
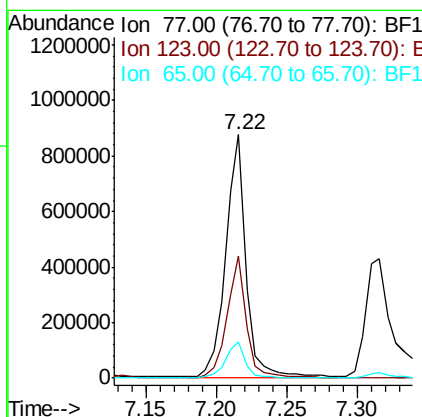
Manual Integrations
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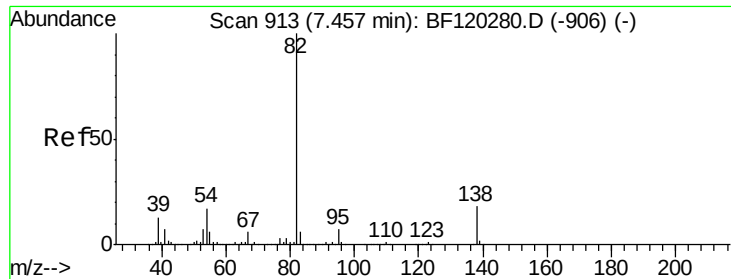
mohammad
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#24
Nitrobenzene
Concen: 38.309 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Tgt Ion	77	Resp	876517
Ion	Ratio	Lower	Upper
77	100		
123	49.9	40.0	60.0
65	14.9	11.7	17.5





#25

Isophorone

Concen: 37.236 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MSD

Tot Ion: 82 Resp: 1647171

Ion Ratio Lower Upper

82 100

95 6.4 5.4 8.0

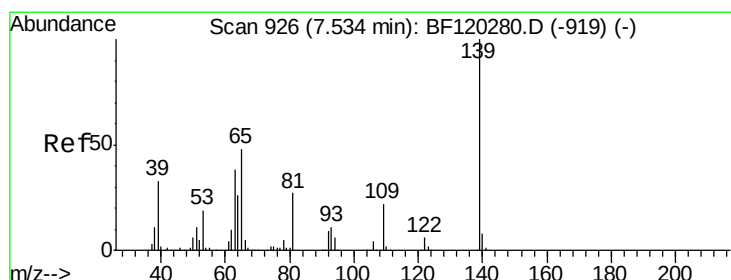
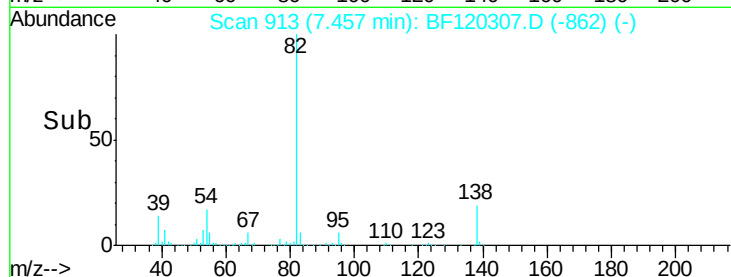
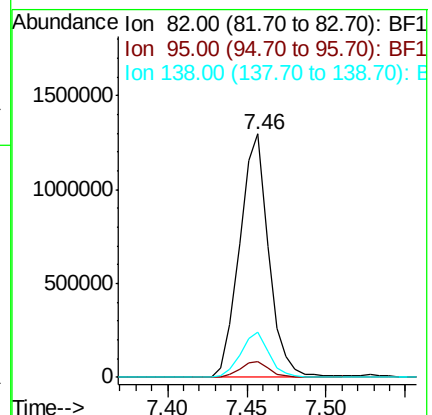
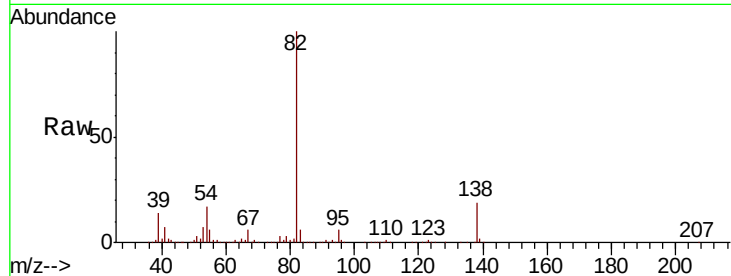
138 18.8 14.7 22.1

Manual Integrations

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#26

2-Nitrophenol

Concen: 38.855 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

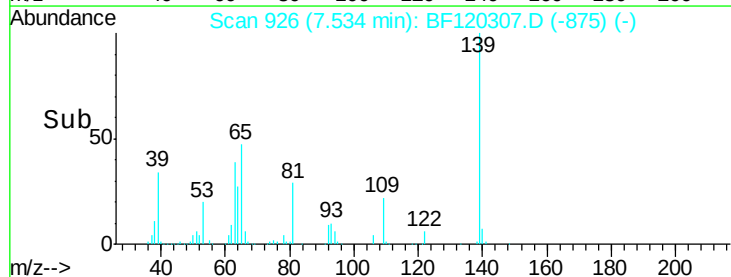
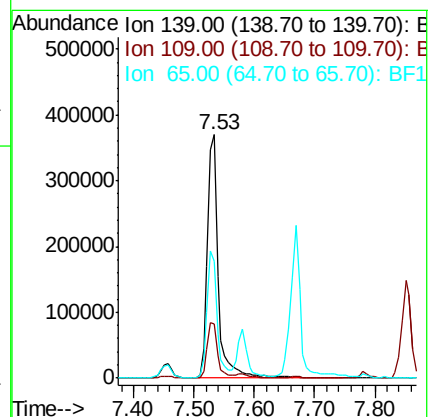
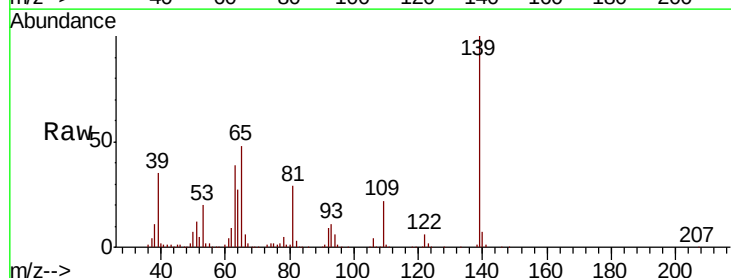
Tgt Ion: 139 Resp: 464958

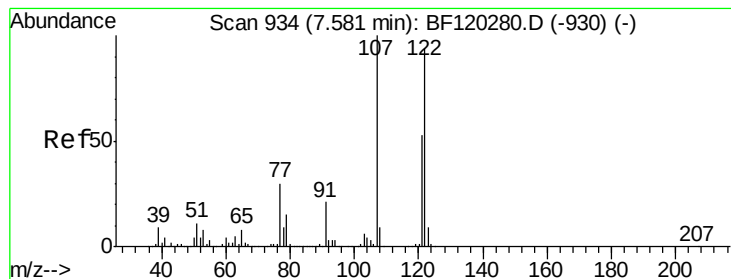
Ion Ratio Lower Upper

139 100

109 22.5 17.7 26.5

65 48.2 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 41.600 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA_F

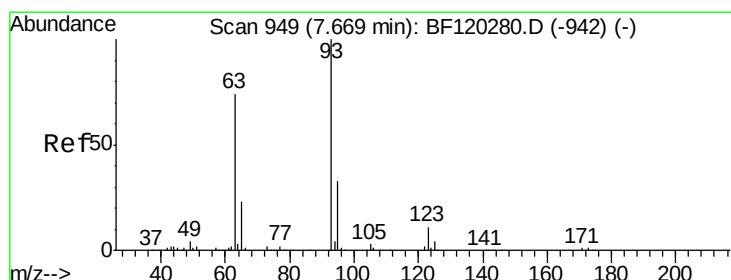
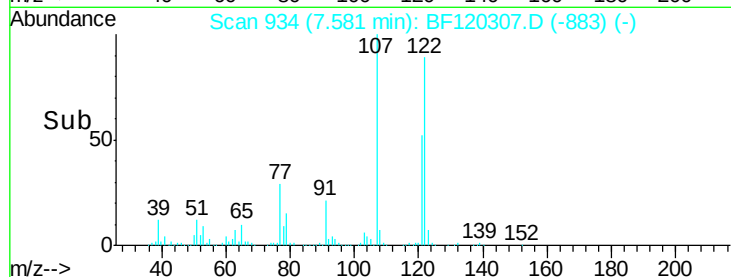
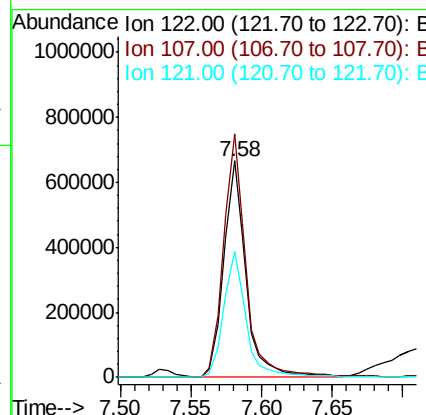
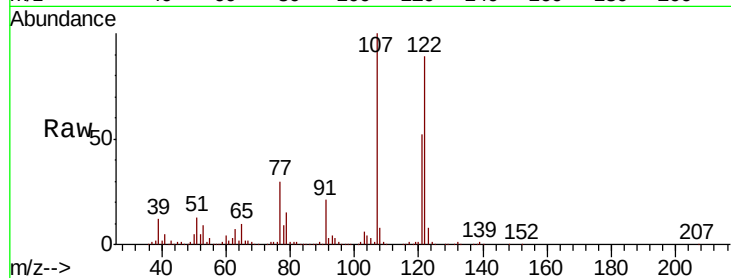
ClientSampleId :

EO-01-051320MSD

Tot Ion:	122	Resp:	724137
Ion Ratio	Lower	Upper	
122	100		
107	112.5	85.0	127.6
121	58.4	45.1	67.7

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#28

bis(2-Chloroethoxy)methane

Concen: 38.430 ng

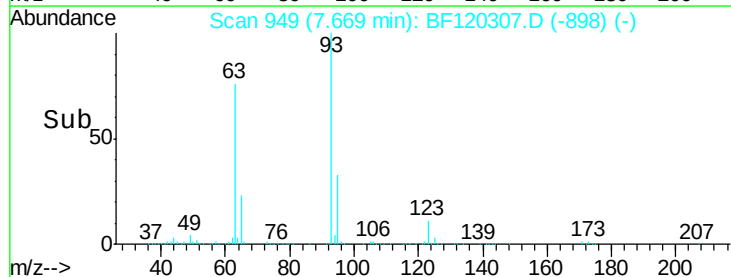
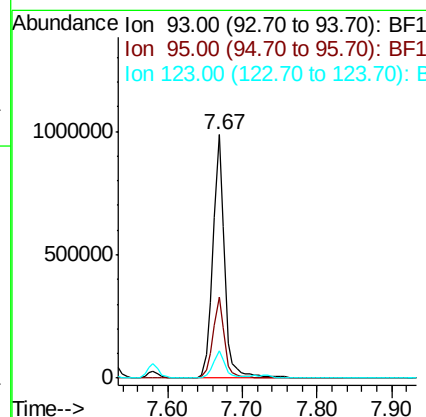
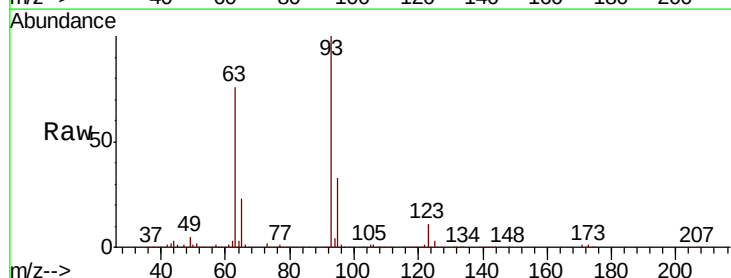
RT: 7.67 min Scan# 949

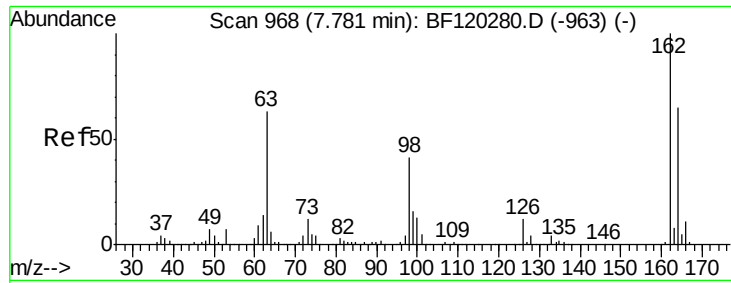
Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Tgt Ion:	93	Resp:	1068502
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.8	40.2
123	11.1	9.2	13.8





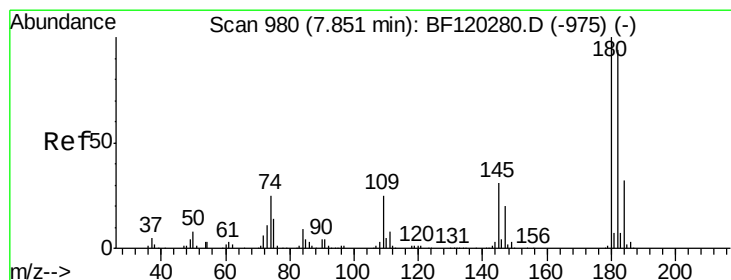
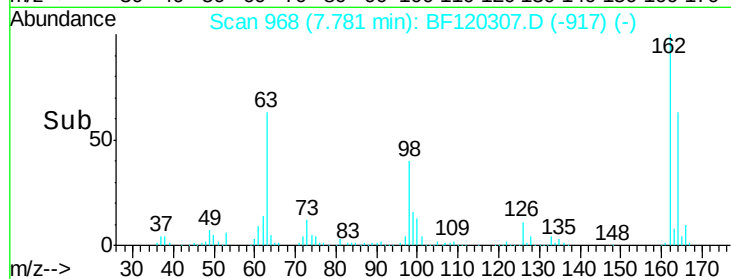
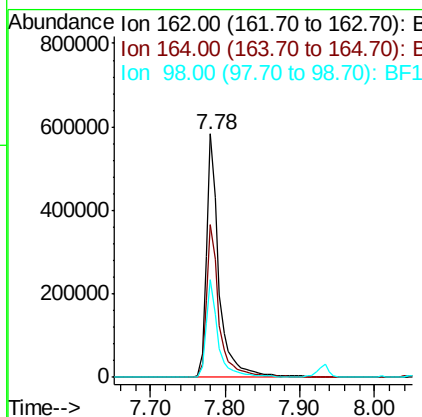
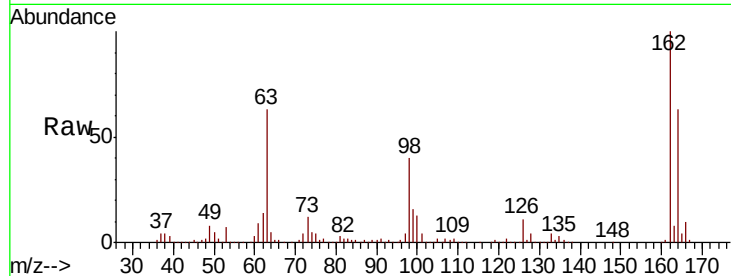
#29
2,4-Dichlorophenol
Concen: 38.312 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

Tot Ion:	162	Resp:	684941
Ion Ratio	Lower	Upper	
162	100		
164	63.0	44.9	84.9
98	39.9	20.7	60.7

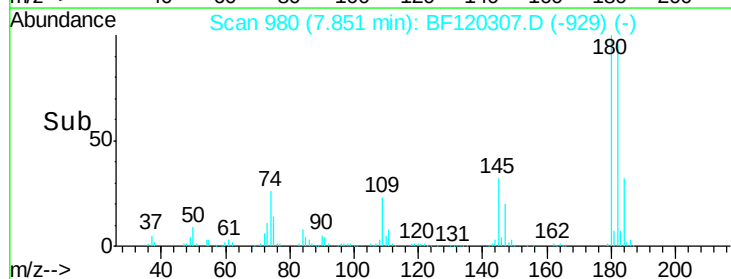
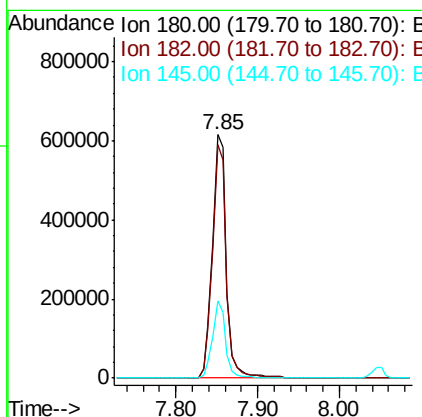
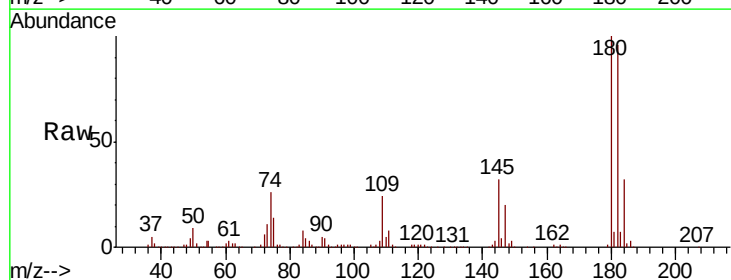
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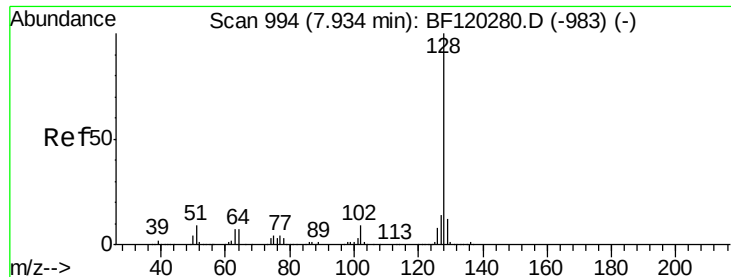
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#30
1,2,4-Trichlorobenzene
Concen: 37.076 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Tgt Ion:	180	Resp:	734527
Ion Ratio	Lower	Upper	
180	100		
182	95.8	75.3	112.9
145	31.5	24.9	37.3





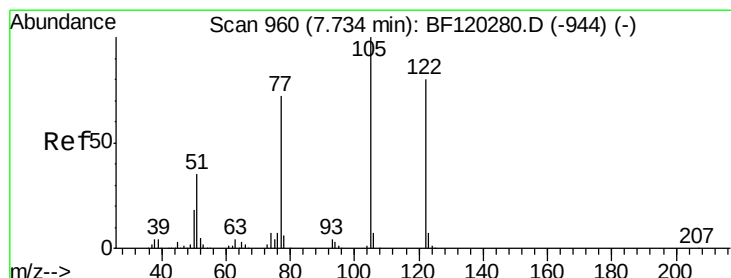
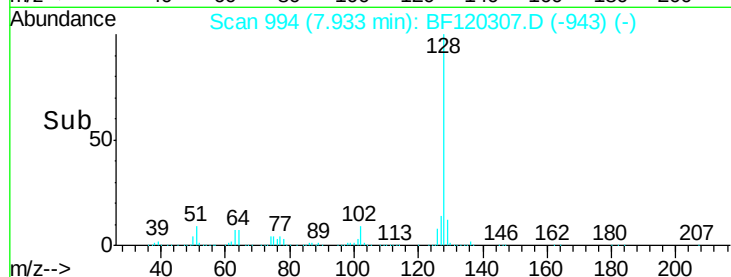
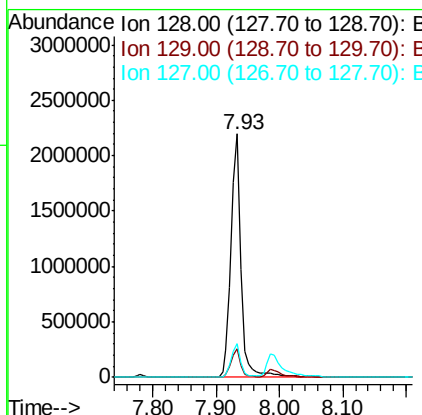
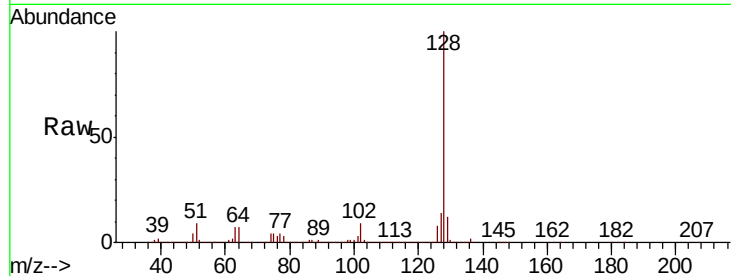
#31
Naphthalene
Concen: 39.272 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.3	13.9
127	14.0	11.2	16.8

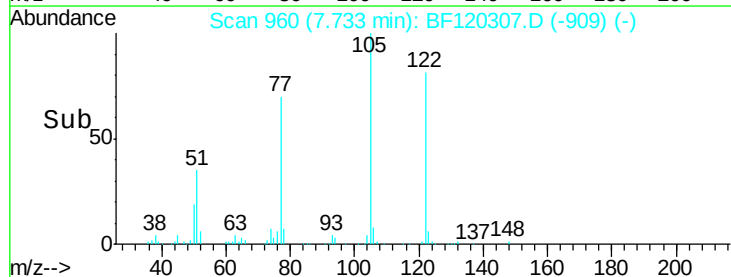
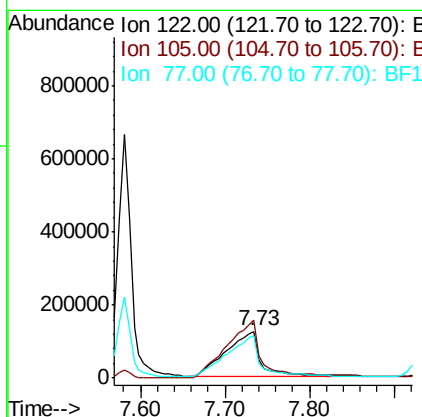
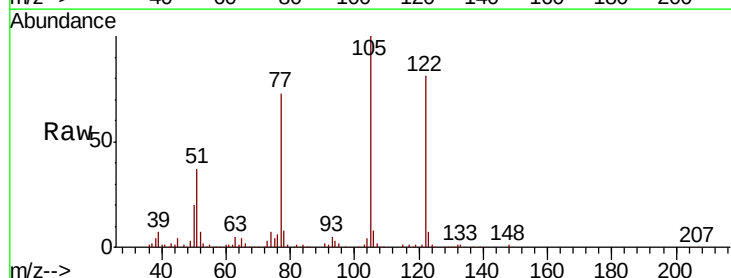
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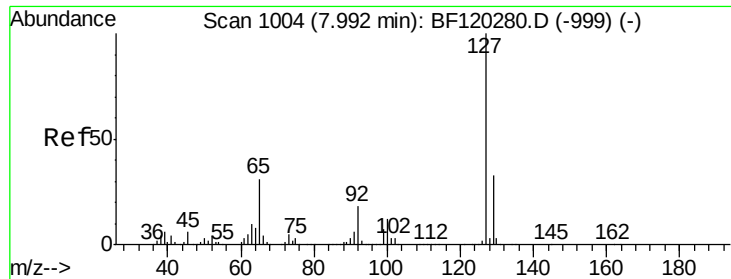
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#32
Benzoic acid
Concen: 31.338 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.0	98.1	138.1
77	90.9	66.7	106.7





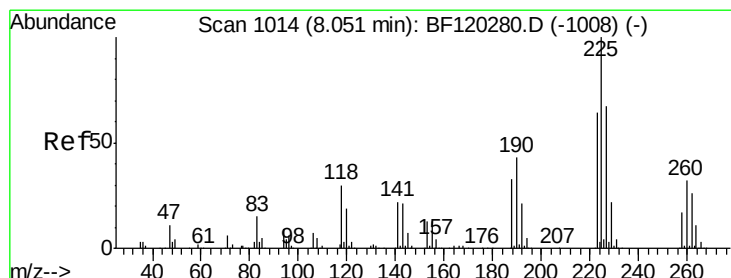
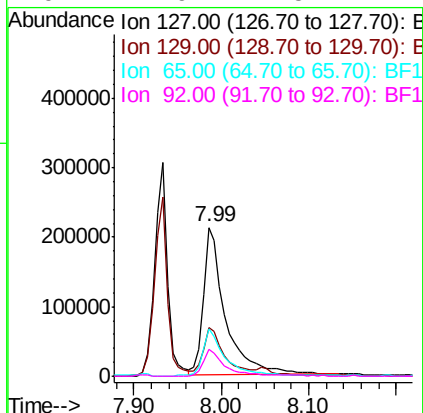
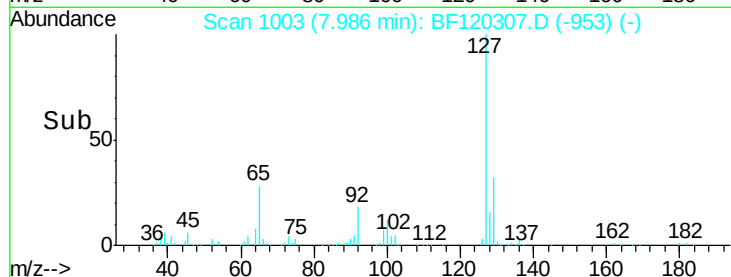
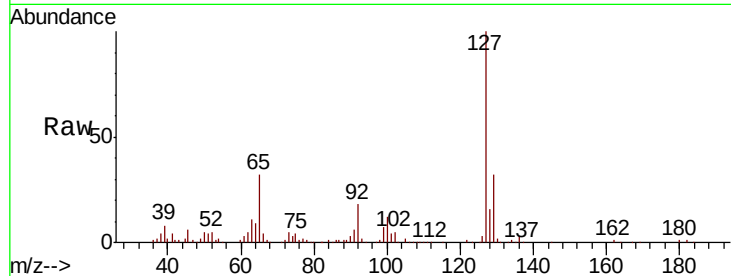
#33
4-Chloroaniline
Concen: 13.310 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.4	39.6		
65	32.2	24.8	37.2		
92	17.9	14.5	21.7		

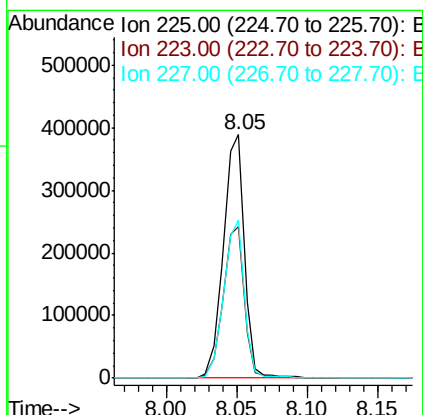
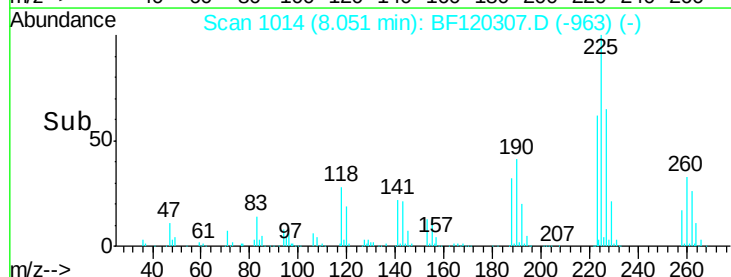
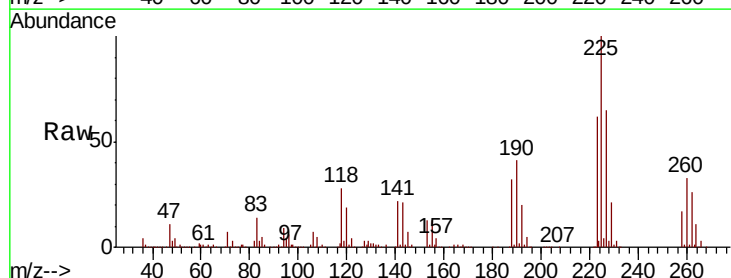
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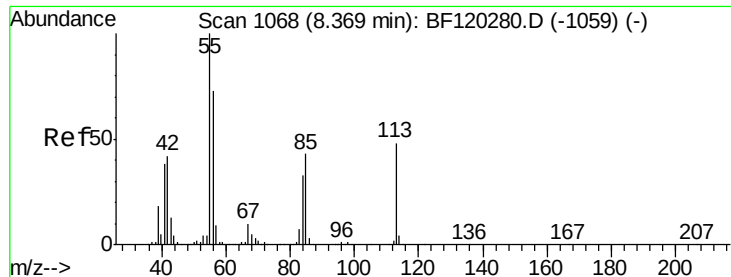
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#34
Hexachlorobutadiene
Concen: 35.336 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.3	51.4	77.0		
227	64.6	54.0	81.0		





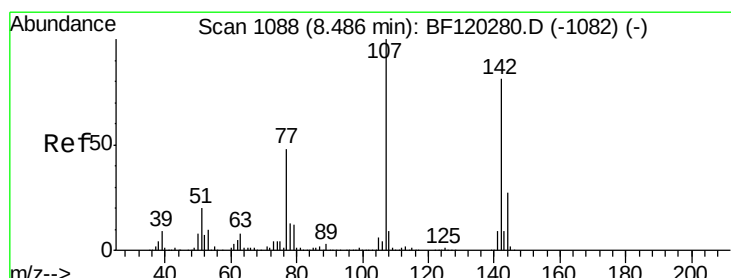
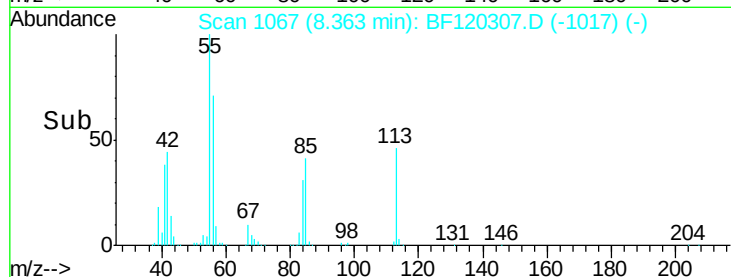
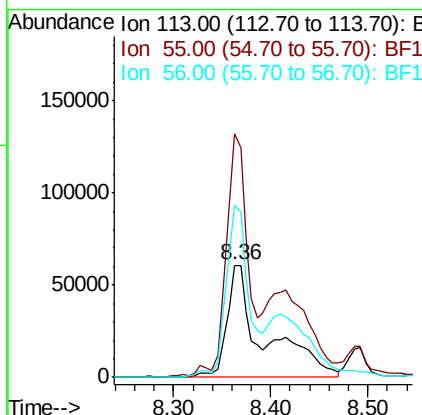
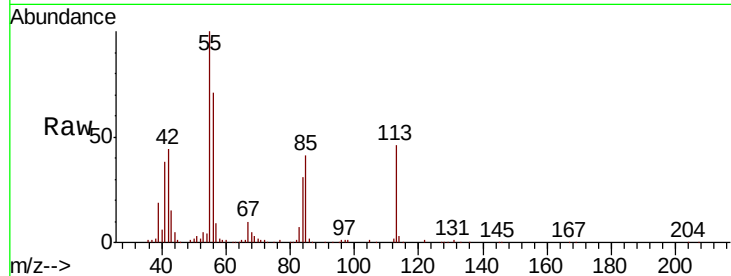
#35
 Caprolactam
 Concen: 27.534 ng/ml
 RT: 8.36 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BF120307.D
 Acq: 14 May 2020 22:51

Instrument :
 BNA_F
 ClientSampleID :
 EO-01-051320MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	217.3	190.4	230.4
56	153.4	132.7	172.7

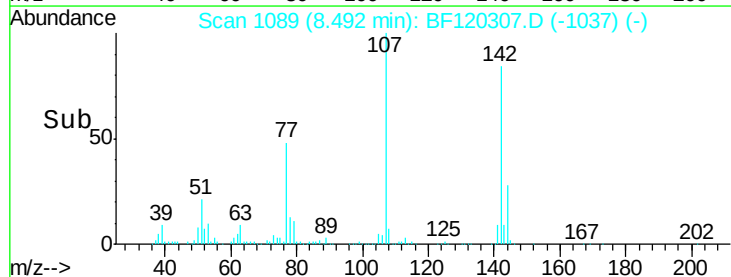
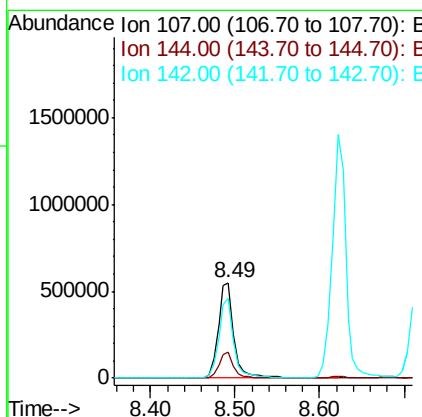
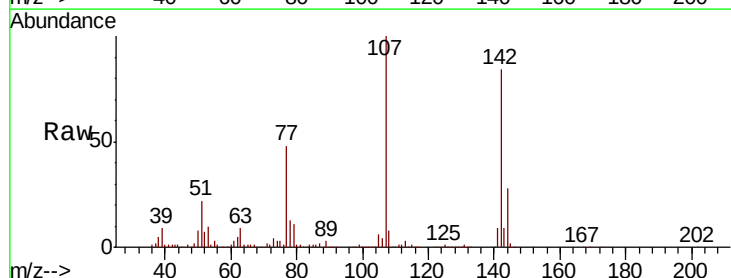
Manual Integrations
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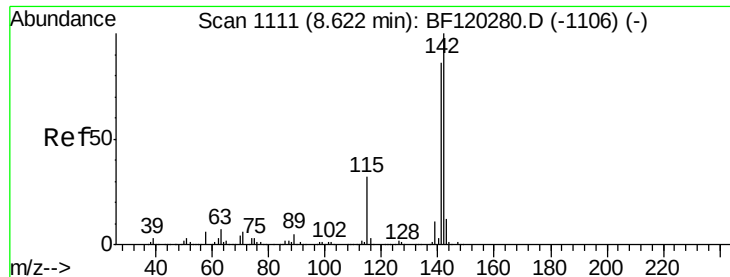
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 37.158 ng/ml
 RT: 8.49 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: BF120307.D
 Acq: 14 May 2020 22:51

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.6	21.4	32.2
142	83.9	65.1	97.7





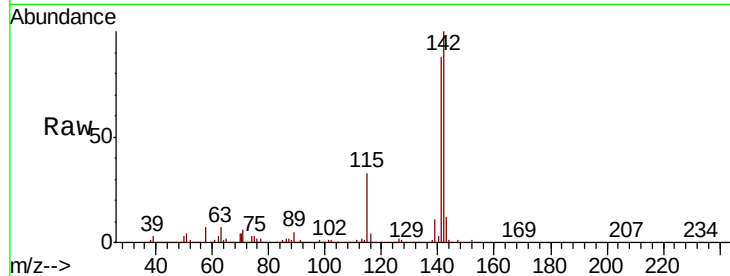
#37
2-Methylnaphthalene
Concen: 37.213 ng
RT: 8.62 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	68.8	103.2
115	32.8	25.7	38.5

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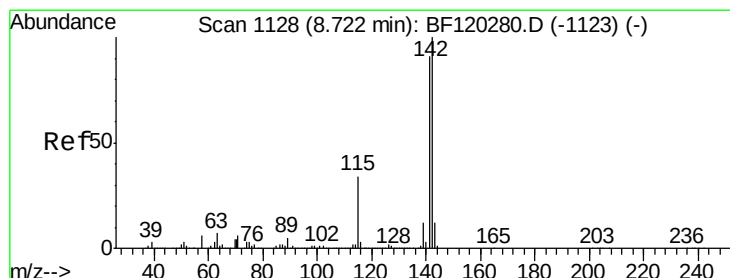
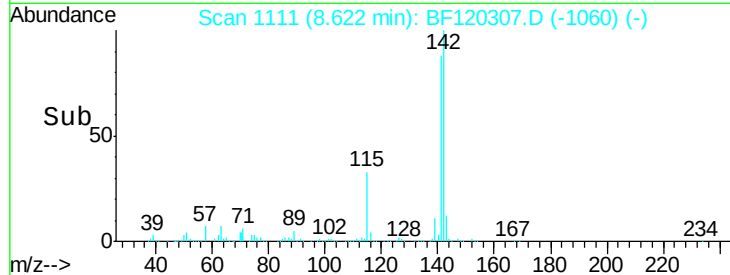
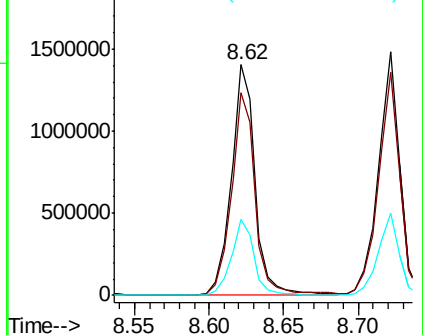


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 36.658 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

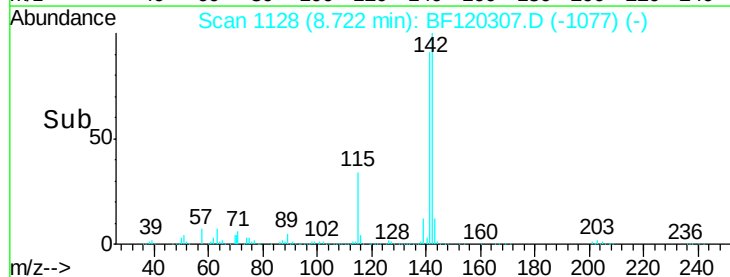
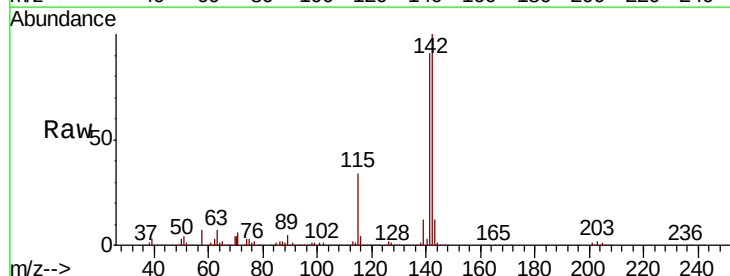
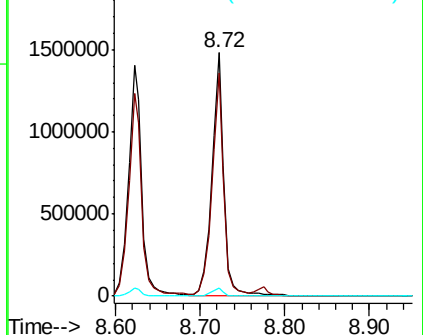
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.0	109.6
116	3.6	2.7	4.1

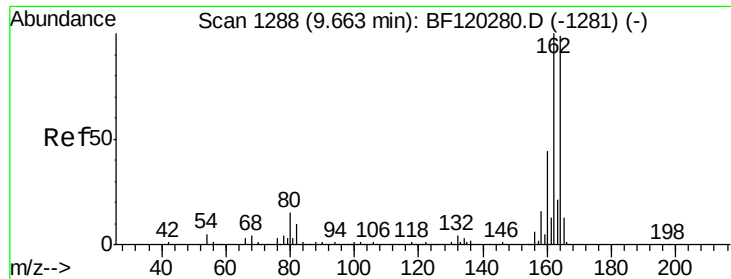
Abundance

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





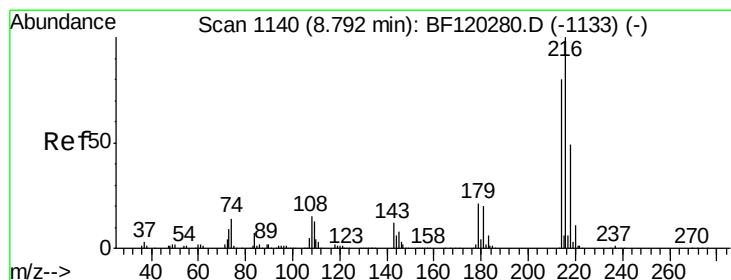
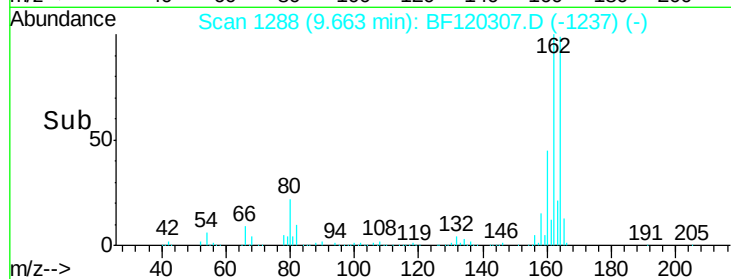
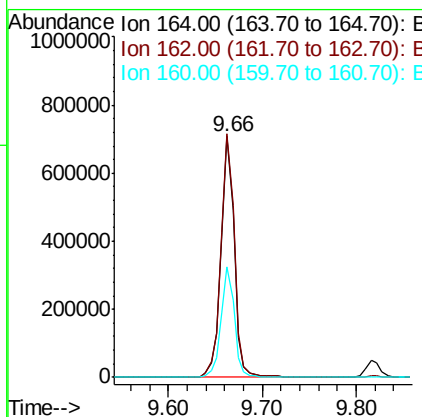
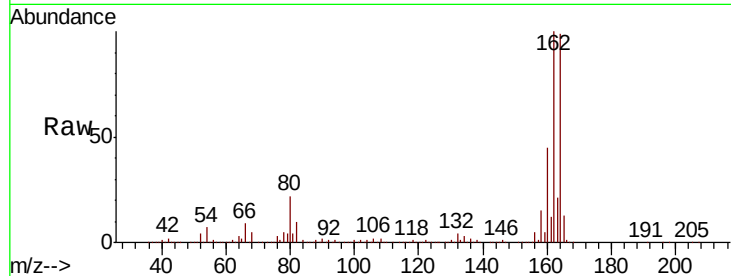
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.0	81.2	121.8	
160	45.9	35.8	53.6	

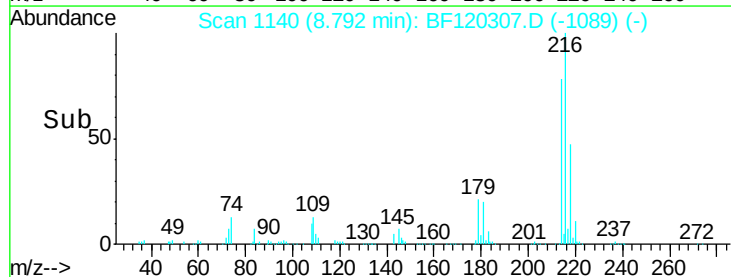
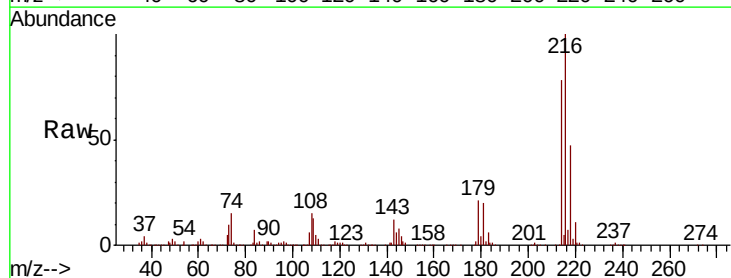
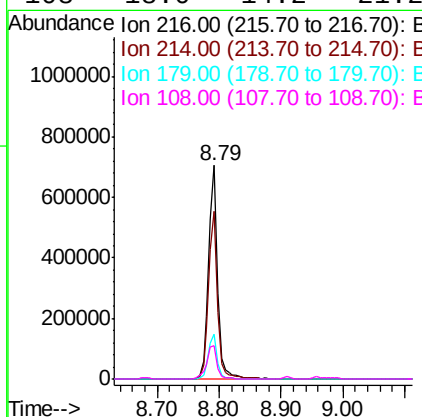
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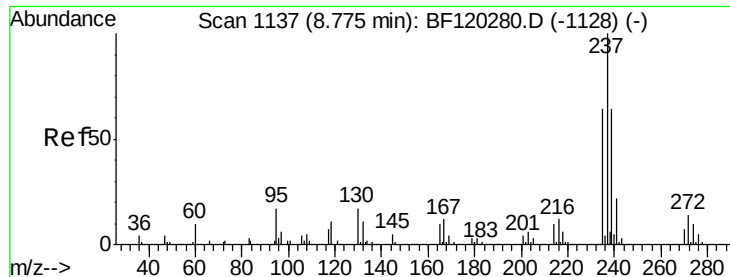
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.565 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.4	64.0	96.0	
179	21.0	16.9	25.3	
108	18.0	14.2	21.2	





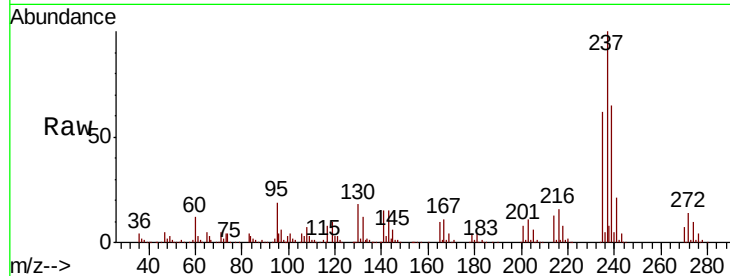
#41
Hexachlorocyclopentadiene
Concen: 48.468 ng
RT: 8.77 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

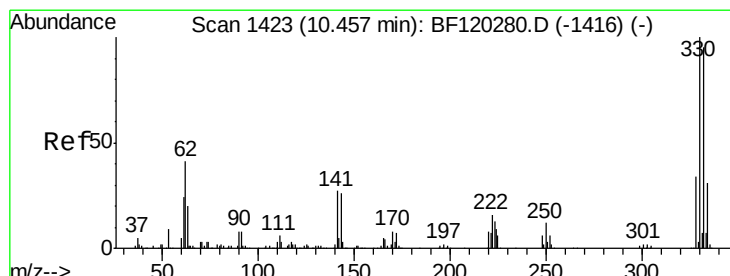
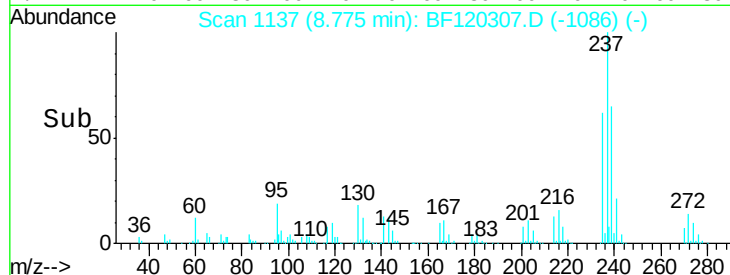
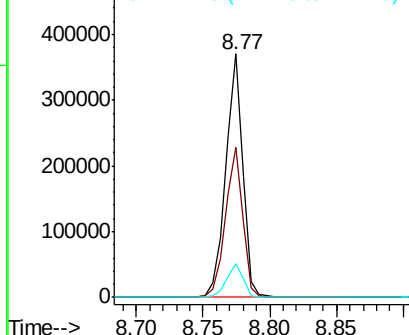
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.8	43.8	83.8
272	13.7	0.0	33.9

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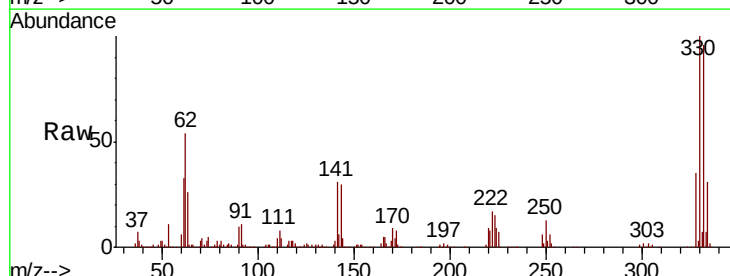


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

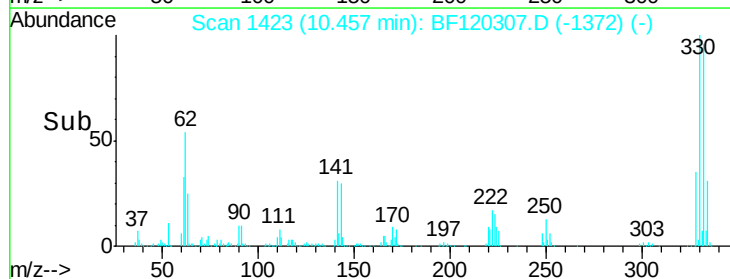
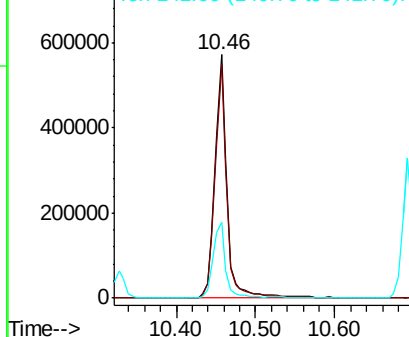


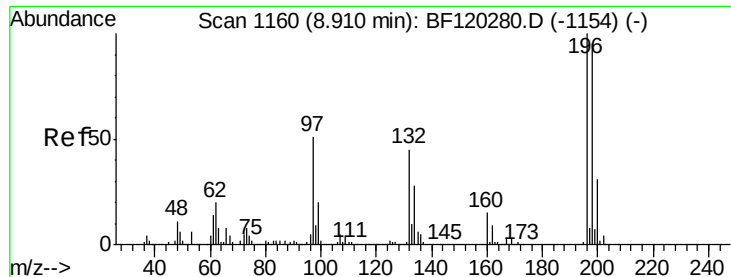
#42
2,4,6-Tribromophenol
Concen: 105.263 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	94.7	76.5	114.7
141	31.6	25.4	38.0



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





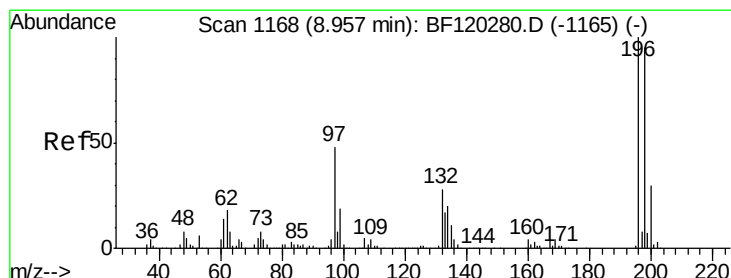
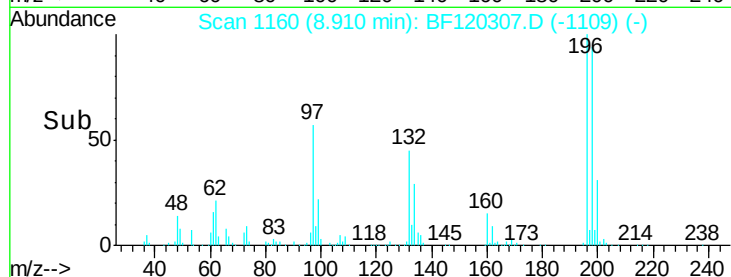
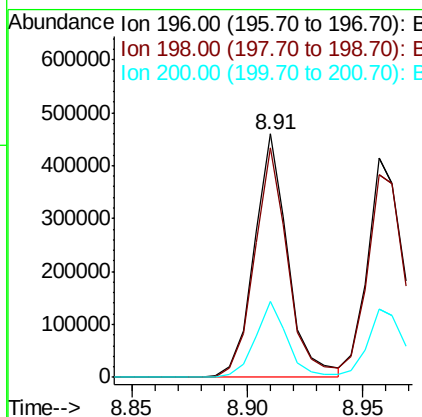
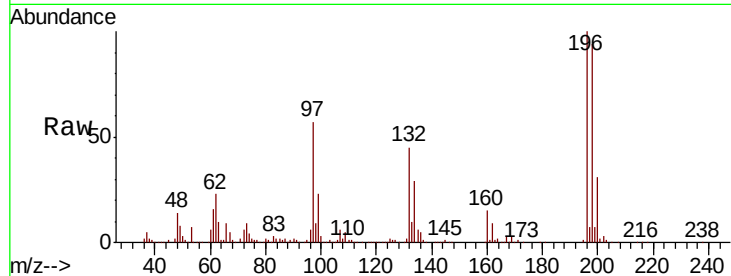
#43
 2,4,6-Trichlorophenol
 Concen: 38.704 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: BF120307.D
 Acq: 14 May 2020 22:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320MSD

Tot Ion:	196	Resp:	463622
Ion Ratio	Lower	Upper	
196	100		
198	94.2	76.2	114.4
200	31.0	24.9	37.3

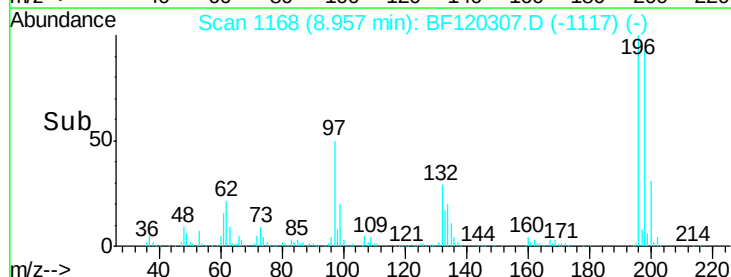
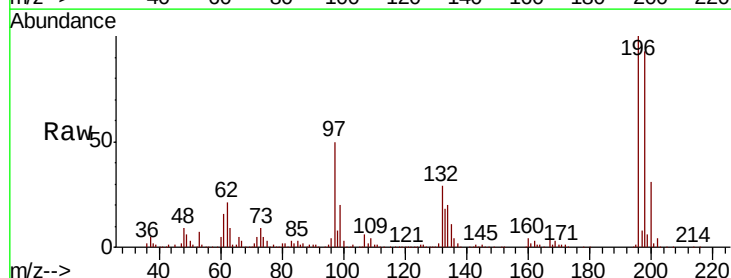
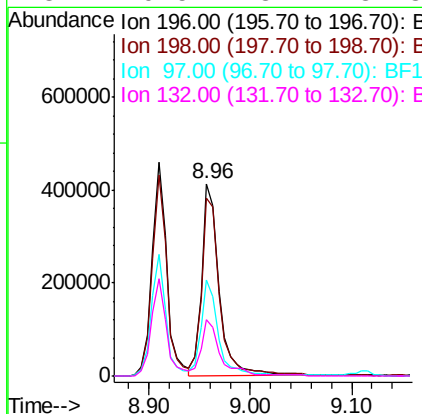
Manual Integrations
 APPROVED

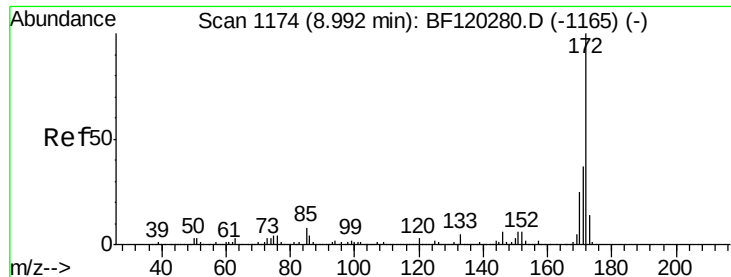
mohammad
 5/18/2020 1:32:20 PM



#44
 2,4,5-Trichlorophenol
 Concen: 36.040 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF120307.D
 Acq: 14 May 2020 22:51

Tgt Ion:	196	Resp:	495786
Ion Ratio	Lower	Upper	
196	100		
198	92.5	76.2	114.4
97	50.2	38.6	57.8
132	29.5	23.2	34.8





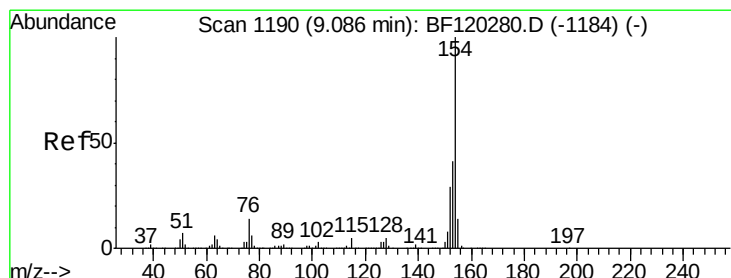
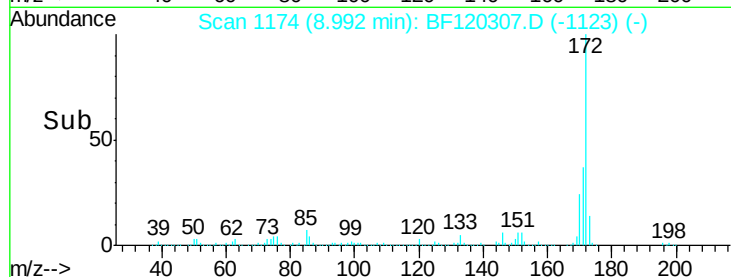
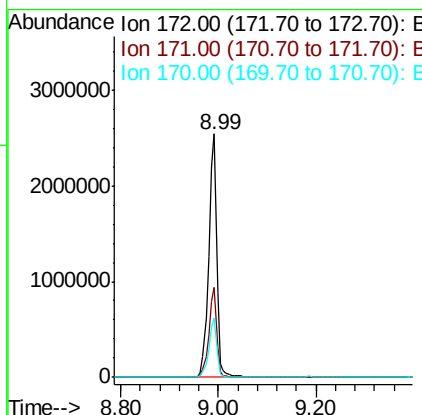
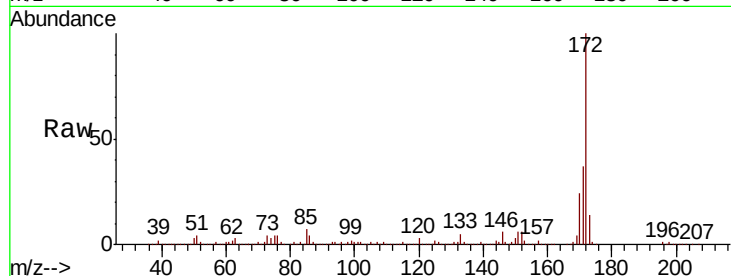
#45
2-Fluorobiphenyl
Concen: 84.189 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.5	19.9	29.9

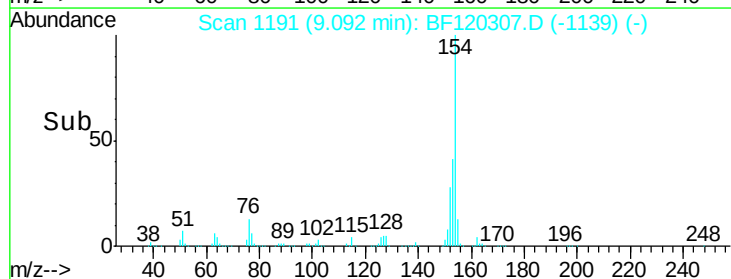
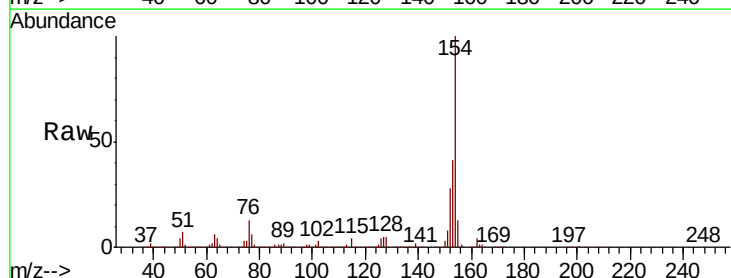
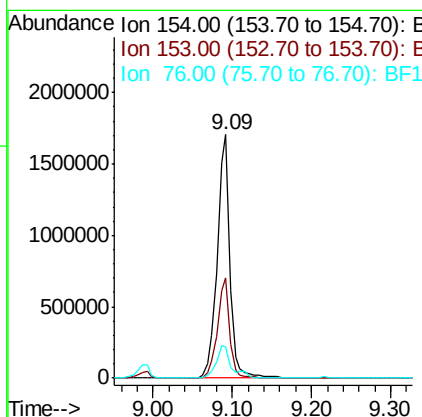
Manual Integrations
APPROVED

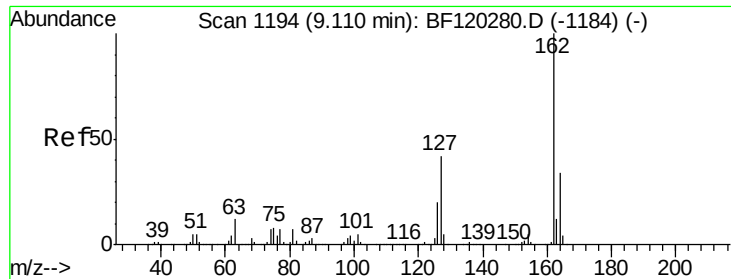
mohammad
5/18/2020 1:32:20 PM



#46
1,1'-Biphenyl
Concen: 41.018 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.01 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.8	60.8
76	13.0	0.0	34.3





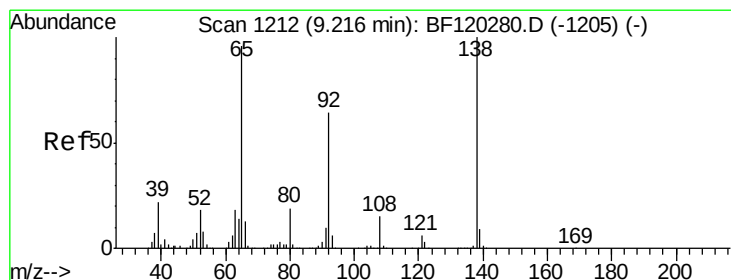
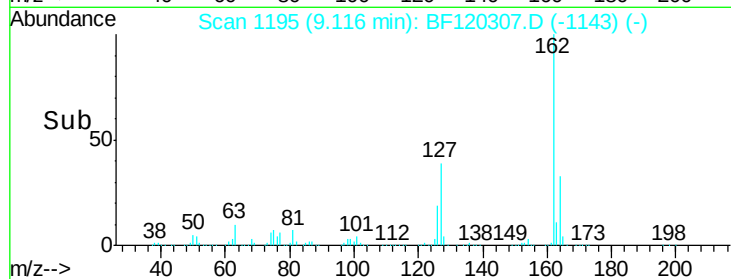
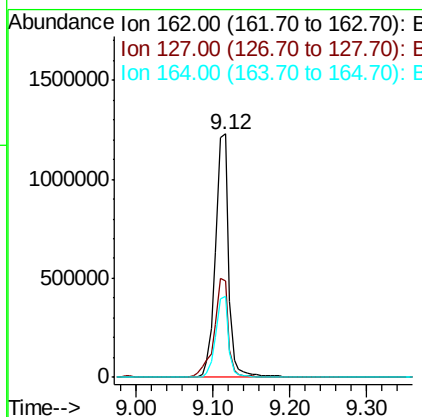
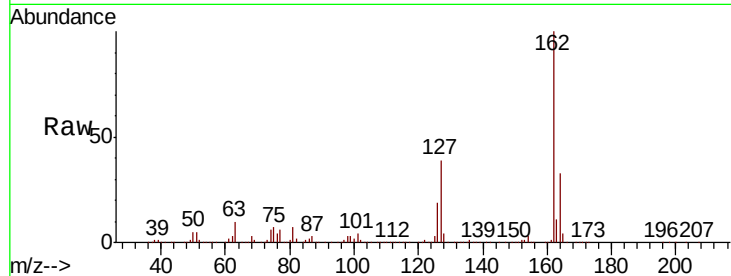
#47
 2-Chloronaphthalene
 Concen: 38.654 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF120307.D
 Acq: 14 May 2020 22:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320MSD

Tot Ion:	162	Resp:	1437787
Ion	Ratio	Lower	Upper
162	100		
127	39.5	33.4	50.0
164	33.4	27.0	40.6

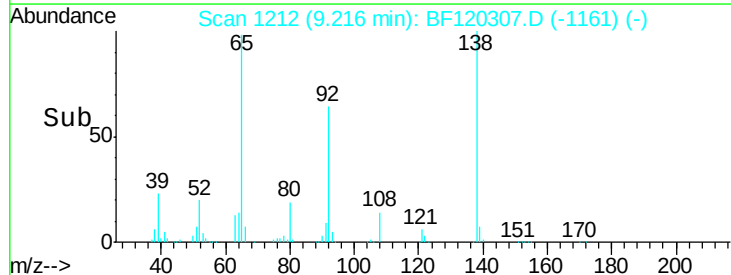
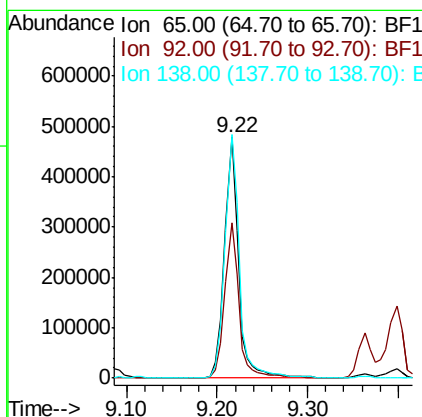
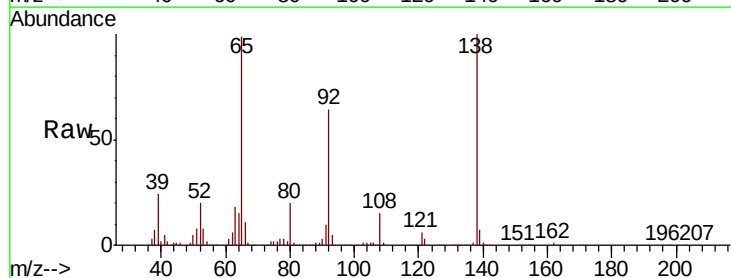
Manual Integrations
 APPROVED

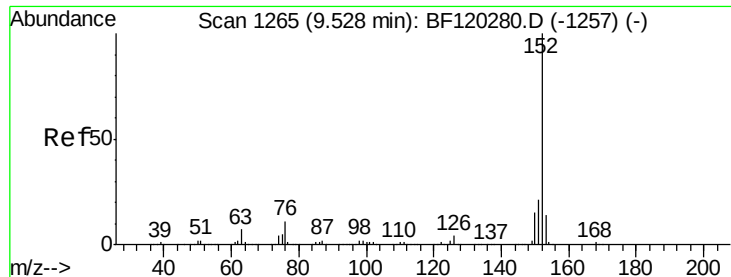
mohammad
 5/18/2020 1:32:20 PM



#48
 2-Nitroaniline
 Concen: 37.935 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF120307.D
 Acq: 14 May 2020 22:51

Tgt Ion:	65	Resp:	514842
Ion	Ratio	Lower	Upper
65	100		
92	64.7	52.9	79.3
138	101.1	83.0	124.4





#49

Acenaphthylene

Concen: 38.518 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MSD

Tot Ion:152 Resp: 2188566

Ion Ratio Lower Upper

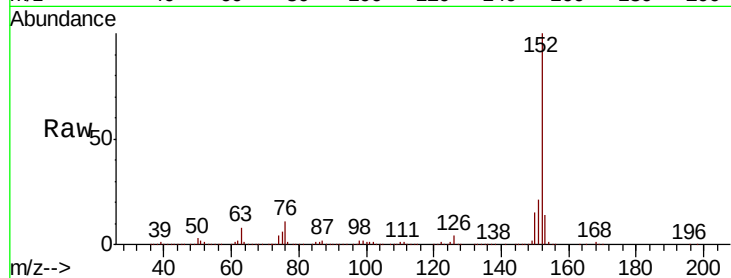
152 100

151 20.8 16.6 25.0

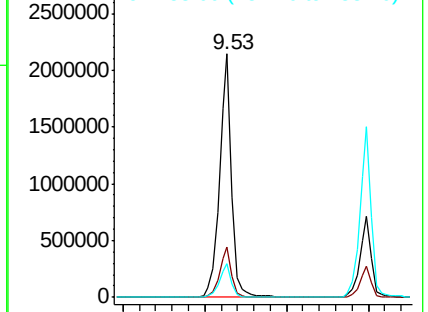
153 13.6 11.1 16.7

Manual Integrations
APPROVED

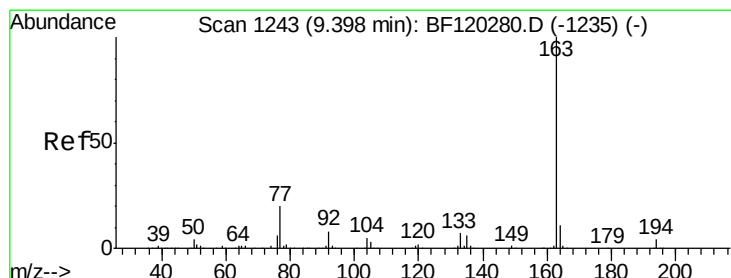
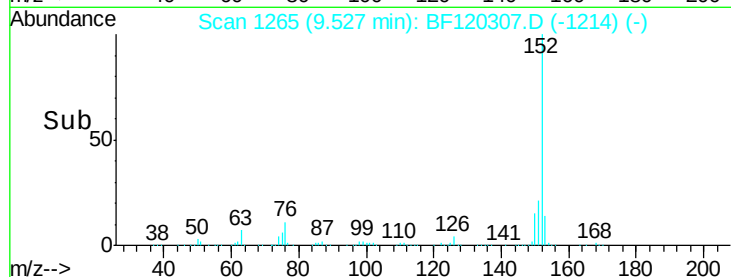
mohammad
5/18/2020 1:32:20 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time--> 9.40 9.50 9.60 9.70



#50

Dimethylphthalate

Concen: 41.816 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

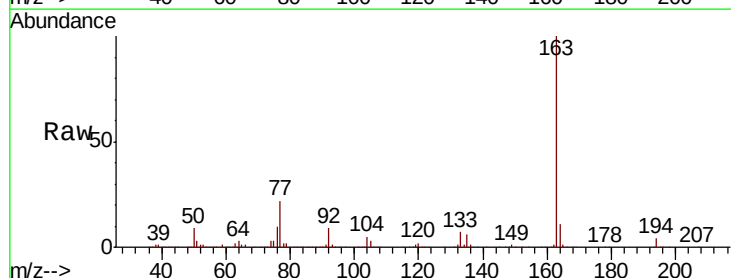
Tgt Ion:163 Resp: 1870786

Ion Ratio Lower Upper

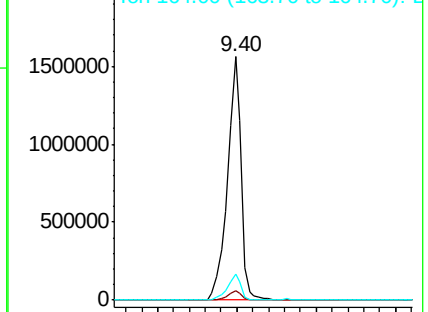
163 100

194 3.9 3.1 4.7

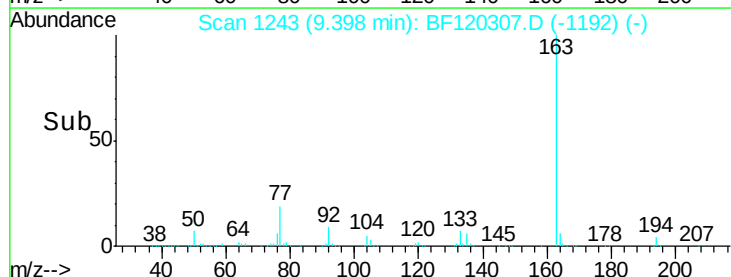
164 10.7 8.6 12.8

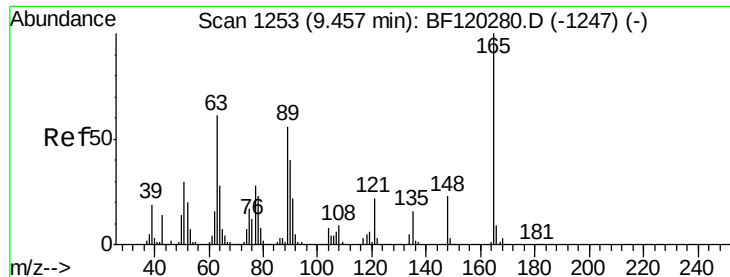


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time--> 9.30 9.40 9.50





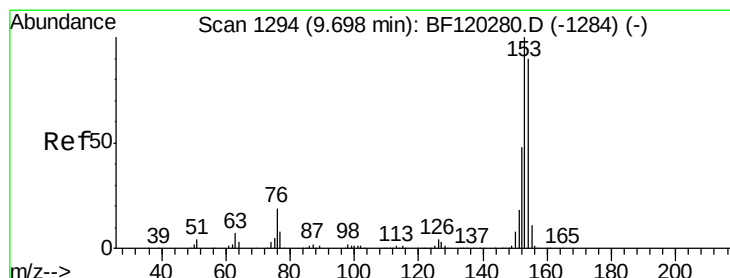
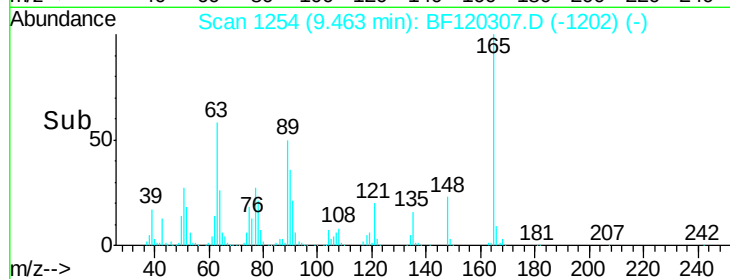
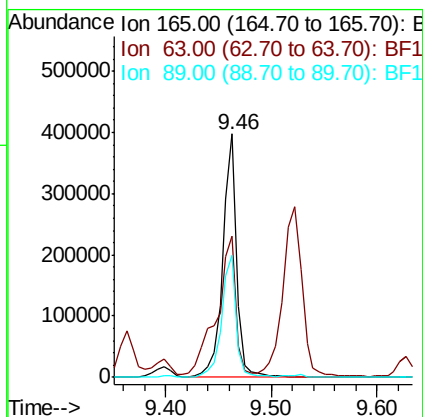
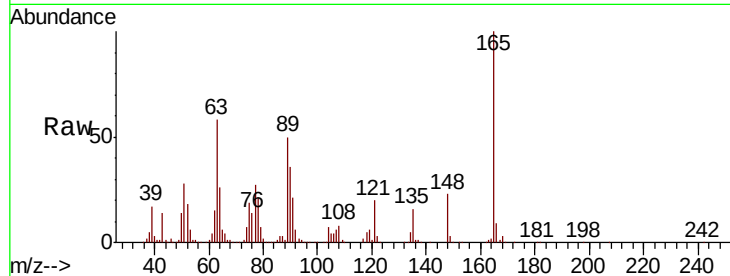
#51
2,6-Dinitrotoluene
Concen: 36.689 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.2	50.2	75.2
89	50.2	44.6	66.8

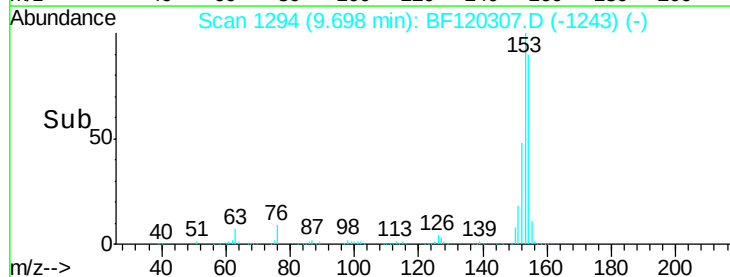
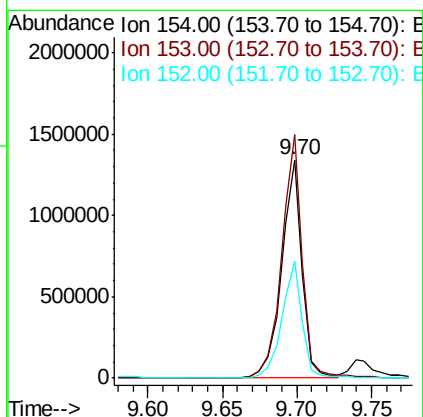
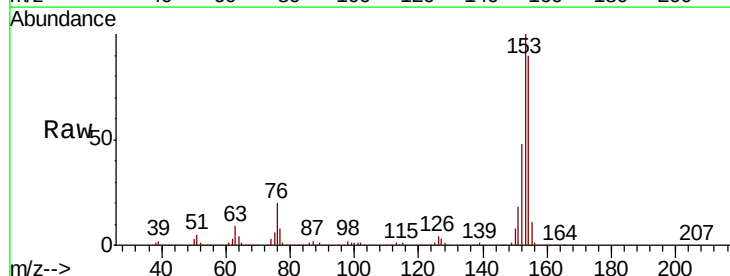
Manual Integrations
APPROVED

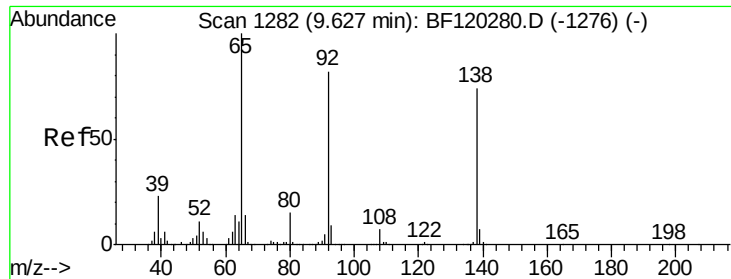
mohammad
5/18/2020 1:32:20 PM



#52
Acenaphthene
Concen: 37.914 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.3	89.0	133.4
152	53.3	42.6	64.0





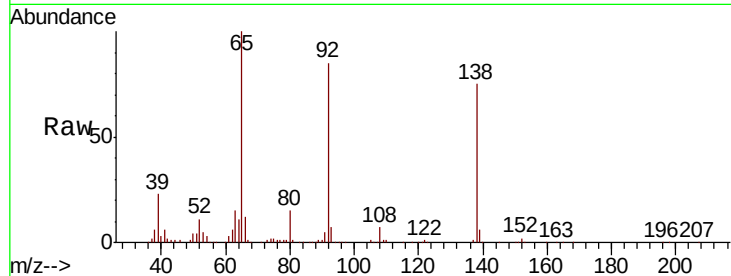
#53
3-Nitroaniline
Concen: 17.131 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	203991		
108	8.9		8.2	12.2
92	112.5		89.6	134.4

Manual Integrations
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mohammad
5/18/2020 1:32:20 PM

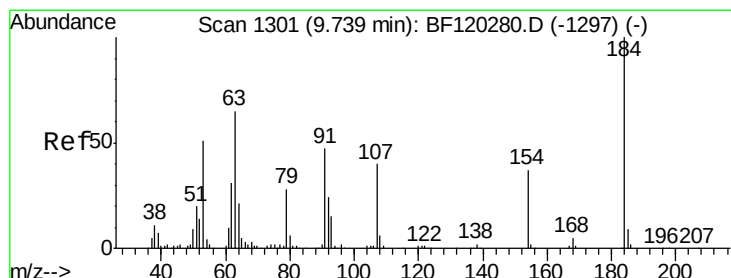
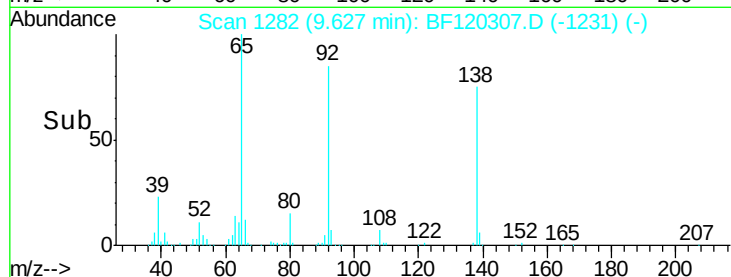
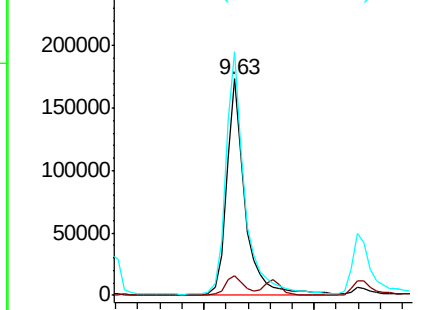


Abundance

Ion 138.00 (137.70 to 138.70): E

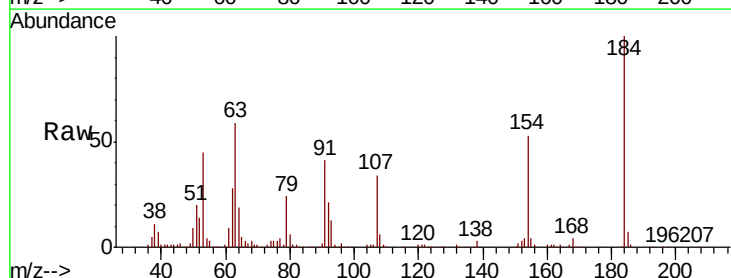
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 53.548 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	252389		
63	58.9		53.6	80.4
154	53.5		46.8	70.2

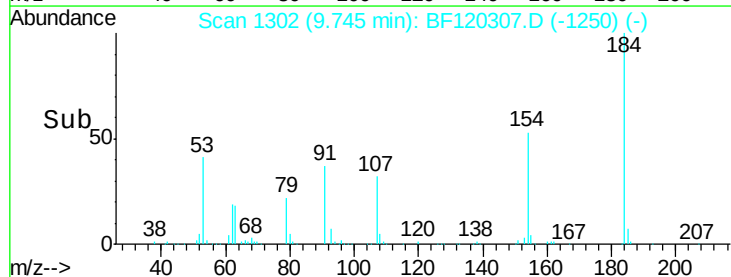
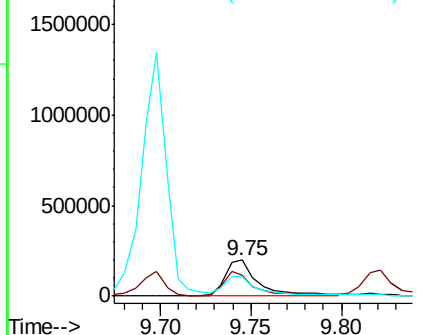


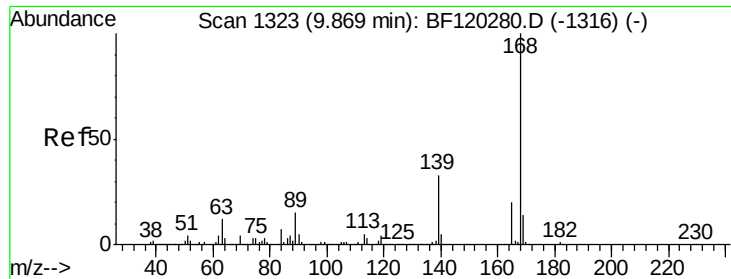
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





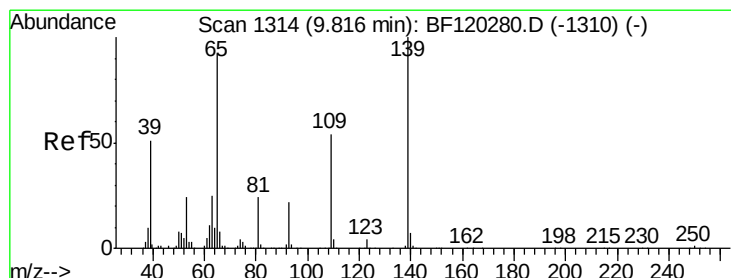
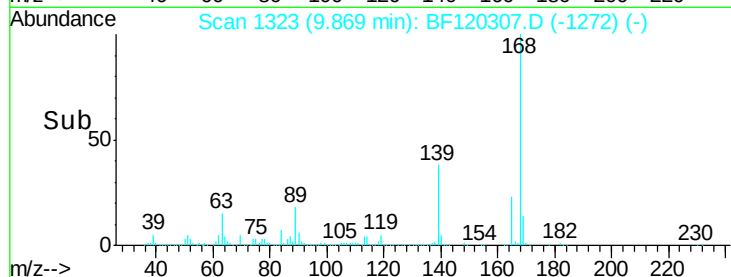
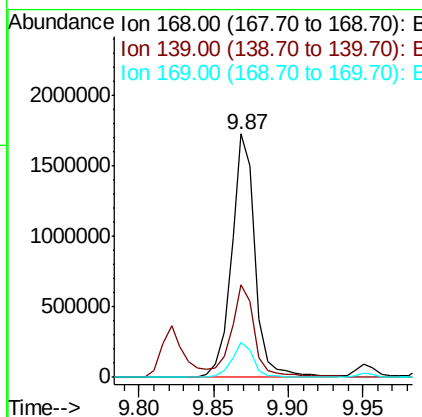
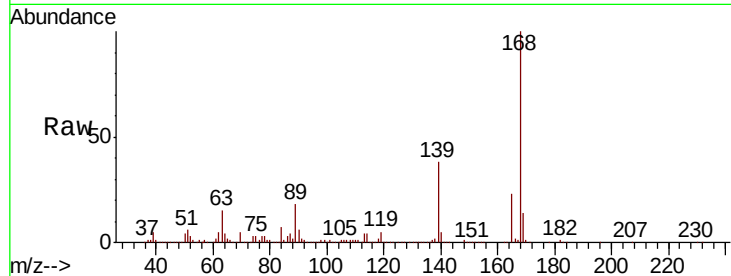
#55
Dibenzofuran
Concen: 38.722 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	29.8	44.6
169	14.2	11.0	16.6

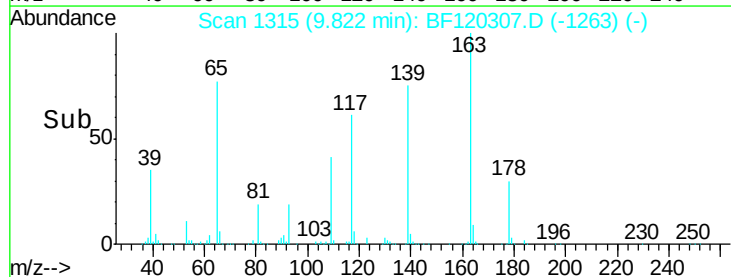
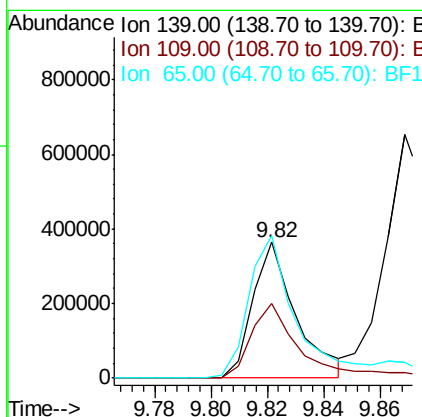
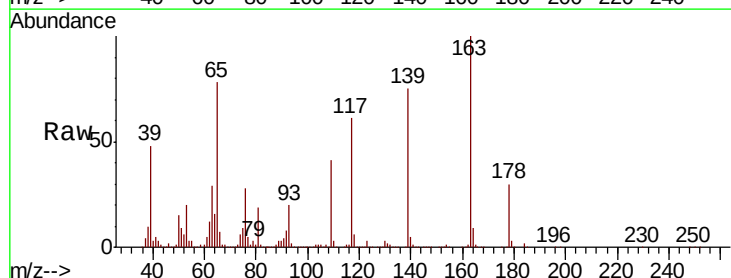
Manual Integrations
APPROVED

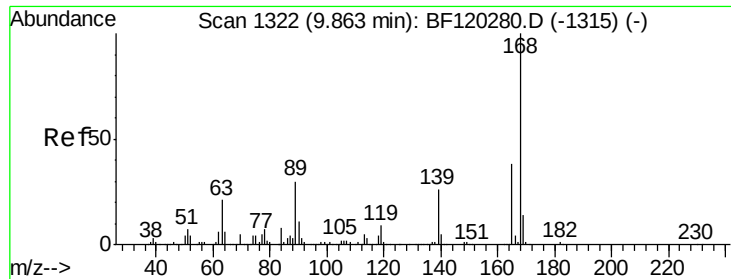
mohammad
5/18/2020 1:32:20 PM



#56
4-Nitrophenol
Concen: 60.692 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	55.3	34.6	74.6
65	104.5	73.3	113.3





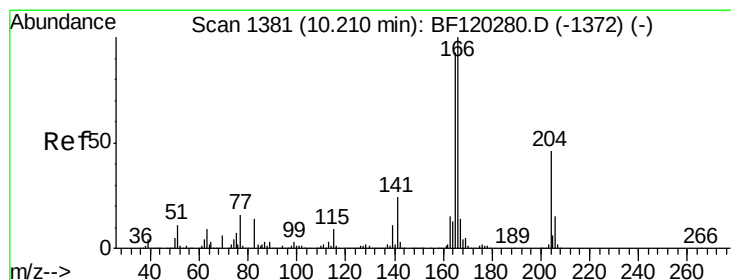
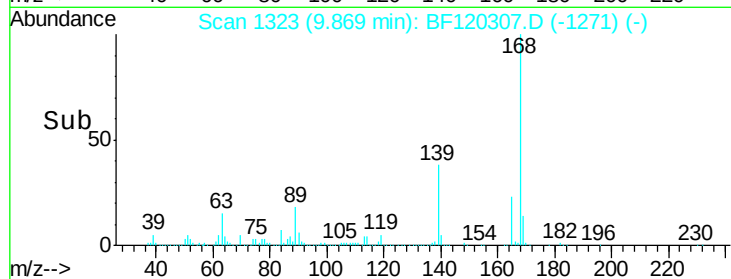
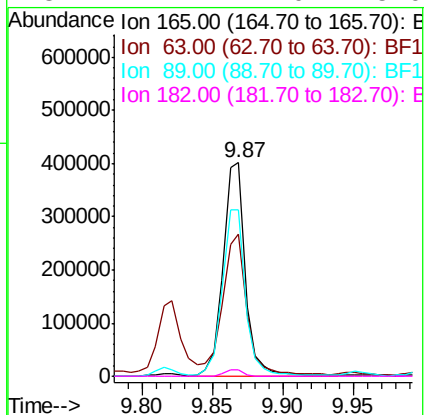
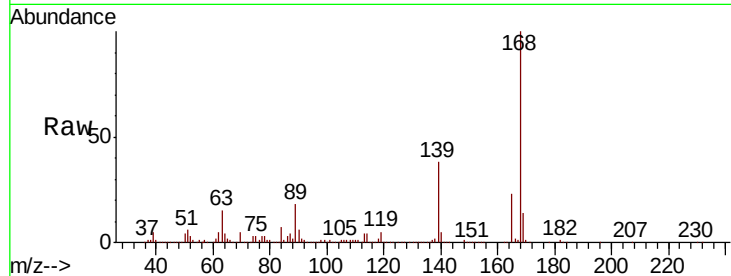
#57
 2,4-Dinitrotoluene
 Concen: 37.568 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF120307.D
 Acq: 14 May 2020 22:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	440033		
63	66.6	51.8	77.8	
89	77.9	64.2	96.4	
182	2.7	2.0	3.0	

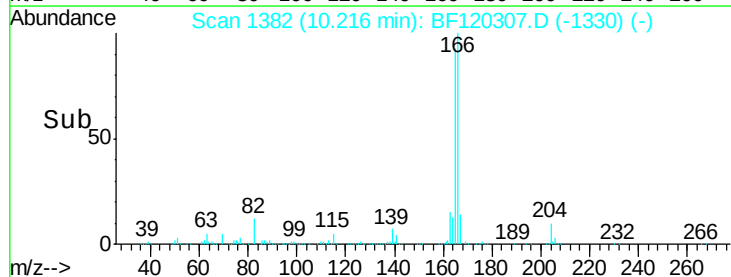
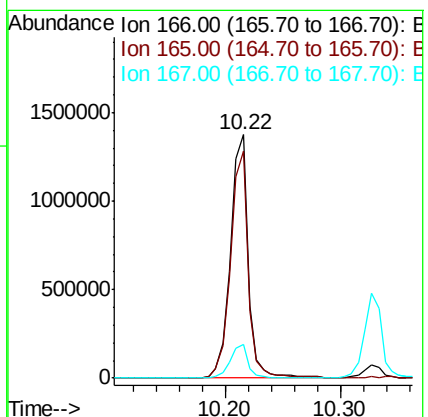
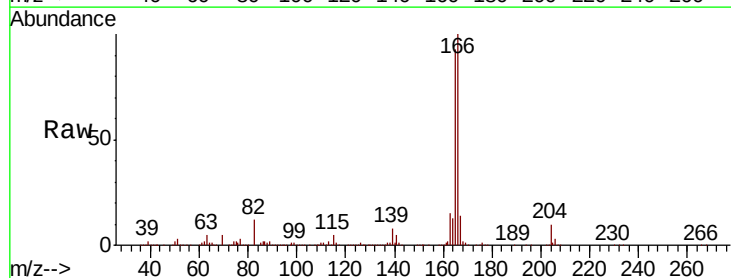
Manual Integrations
 APPROVED

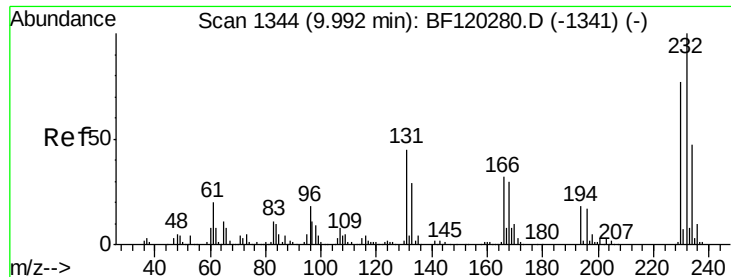
mohammad
 5/18/2020 1:32:20 PM



#58
 Fluorene
 Concen: 39.179 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF120307.D
 Acq: 14 May 2020 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1463389		
165	93.2	74.7	112.1	
167	13.7	11.4	17.0	





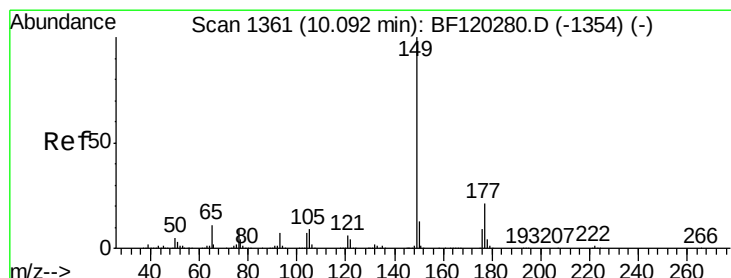
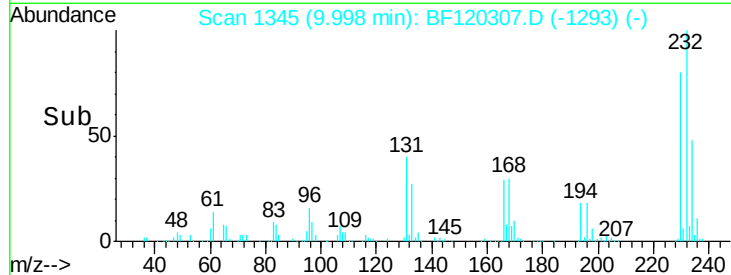
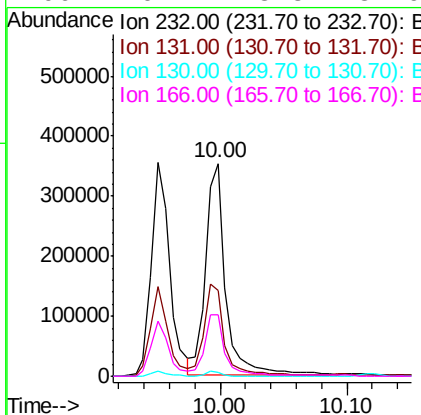
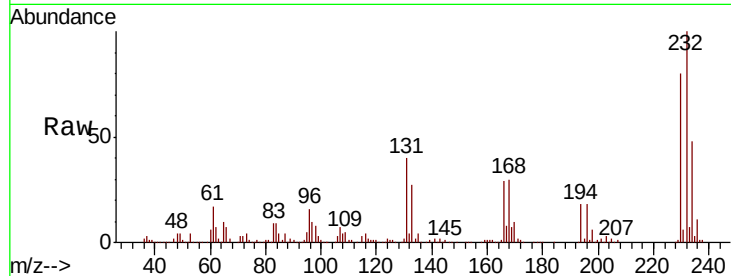
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.861 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.01 min
 Lab File: BF120307.D
 Acq: 14 May 2020 22:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.2	34.1	51.1
130	2.1	1.7	2.5
166	29.4	23.3	34.9

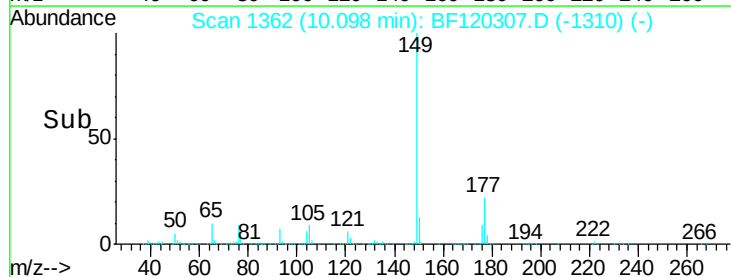
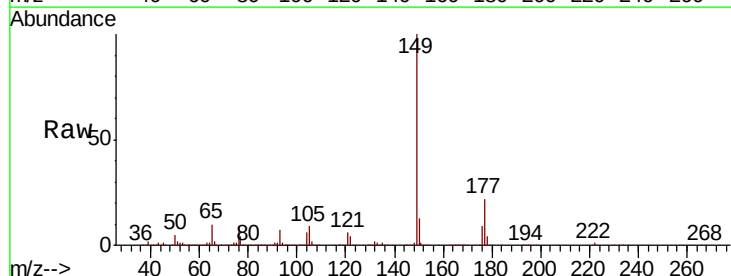
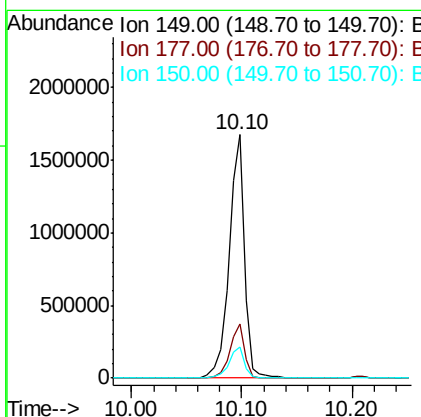
Manual Integrations
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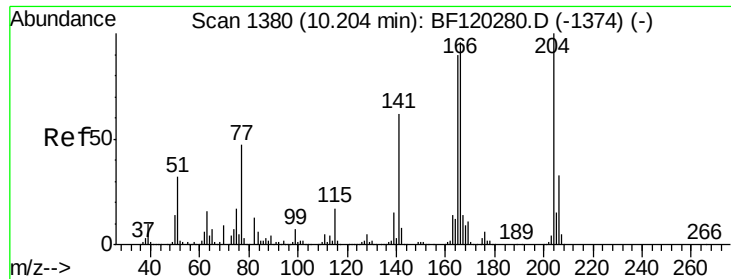
mohammad
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#60
 Diethylphthalate
 Concen: 37.748 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF120307.D
 Acq: 14 May 2020 22:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.1	25.7
150	12.8	10.3	15.5





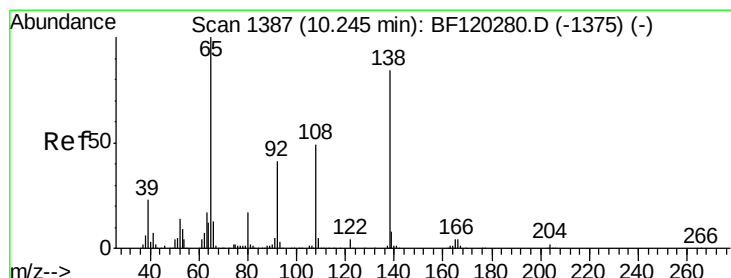
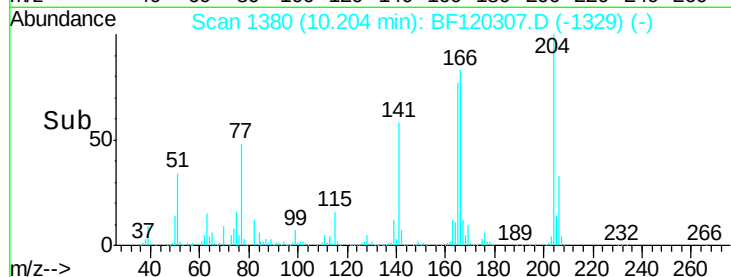
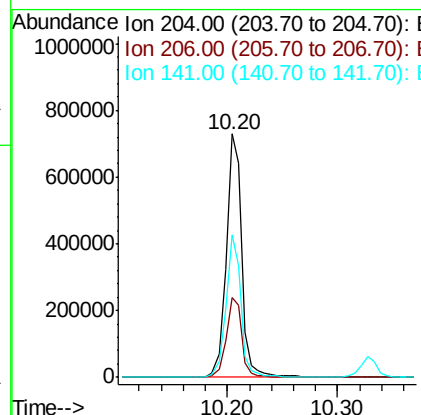
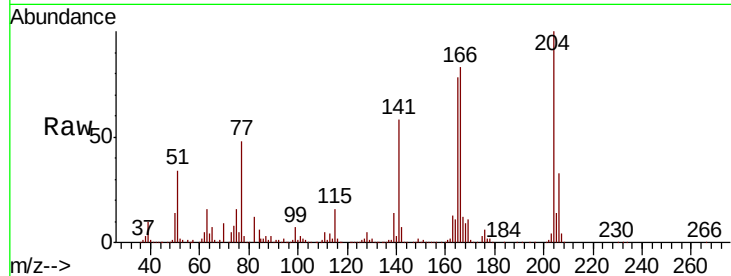
#61
 4-Chlorophenyl-phenylether
 Concen: 36.738 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.00 min
 Lab File: BF120307.D
 Acq: 14 May 2020 22:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320MSD

Tot Ion:	204	Resp:	713448
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.8	40.2
141	58.4	49.5	74.3

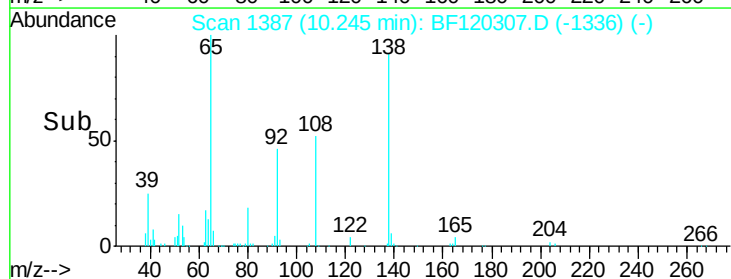
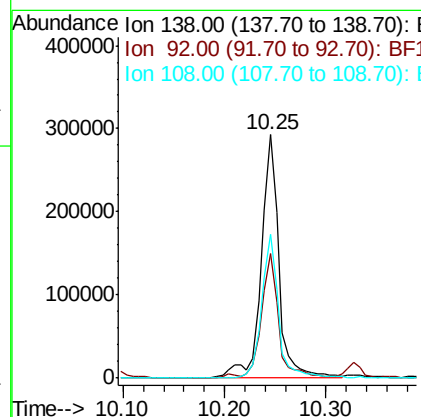
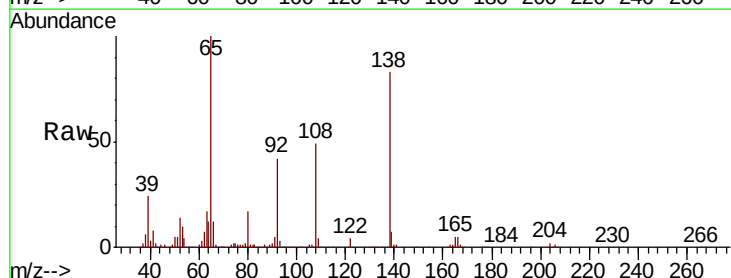
Manual Integrations
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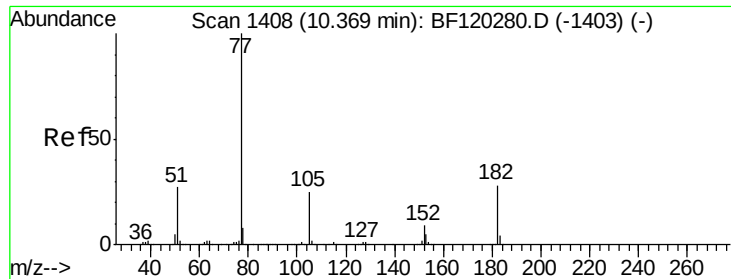
mohammad
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#62
 4-Nitroaniline
 Concen: 32.304 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF120307.D
 Acq: 14 May 2020 22:51

Tgt Ion:	138	Resp:	358188
Ion Ratio	Lower	Upper	
138	100		
92	50.9	28.9	68.9
108	59.2	38.4	78.4





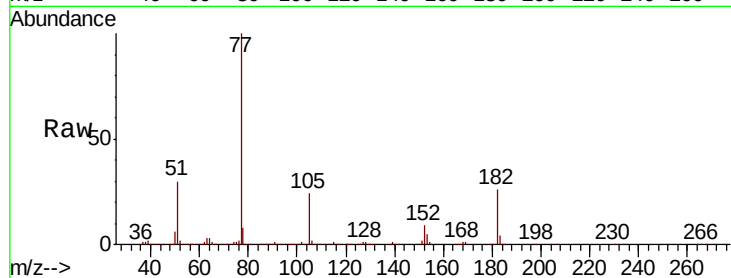
#63
Azobenzene
Concen: 39.030 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

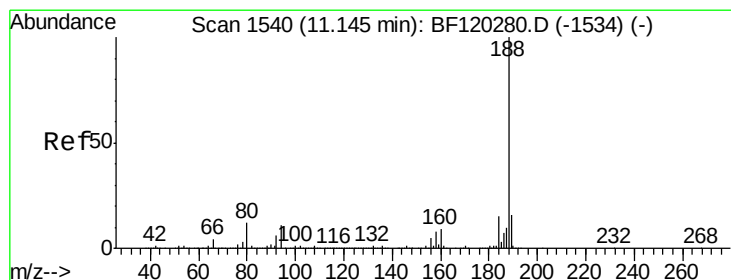
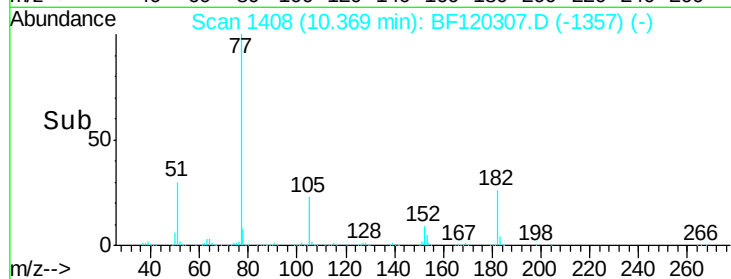
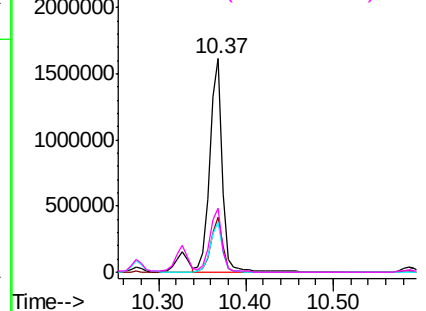
Tot Ion	Ratio	Lower	Upper
77	100		
182	25.8	7.4	47.4
105	23.5	4.4	44.4
51	29.9	8.3	48.3

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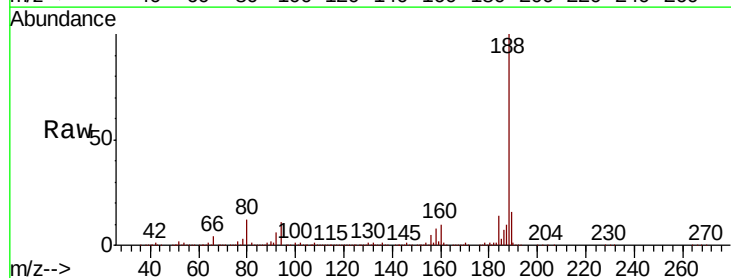


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

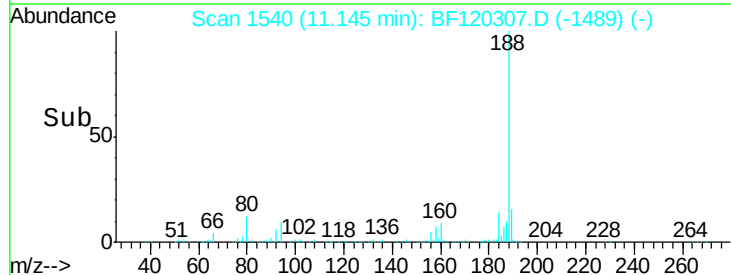
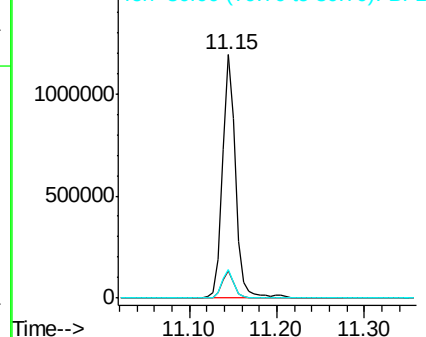


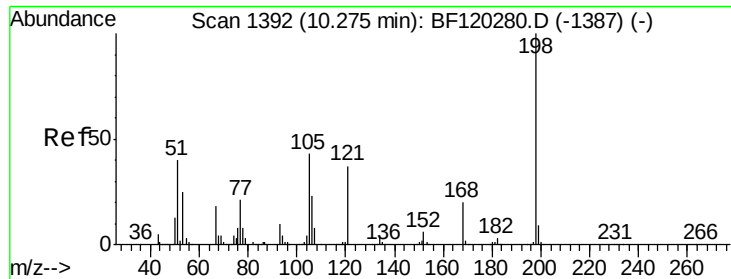
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.6	13.0
80	11.8	9.2	13.8



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





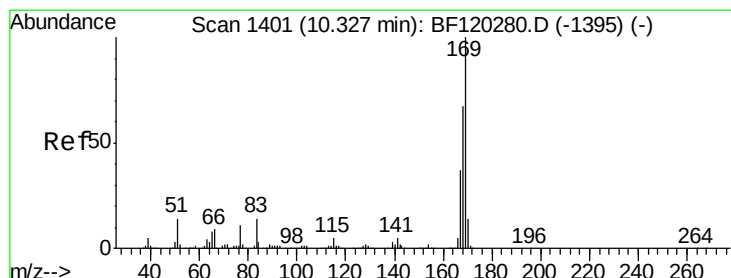
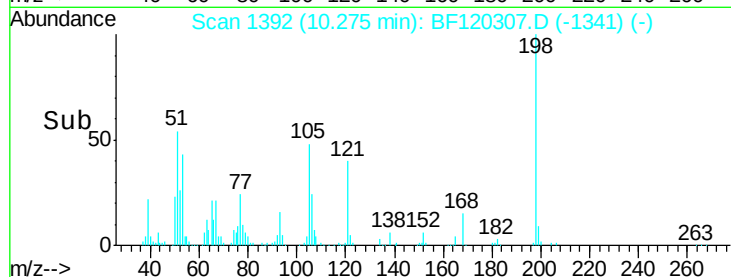
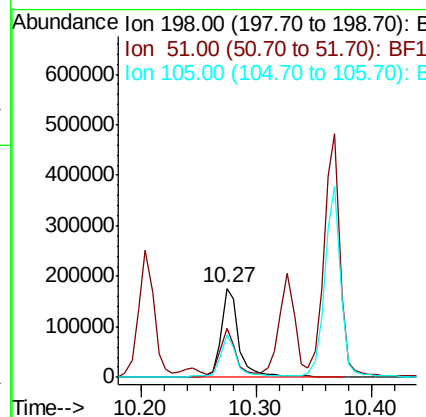
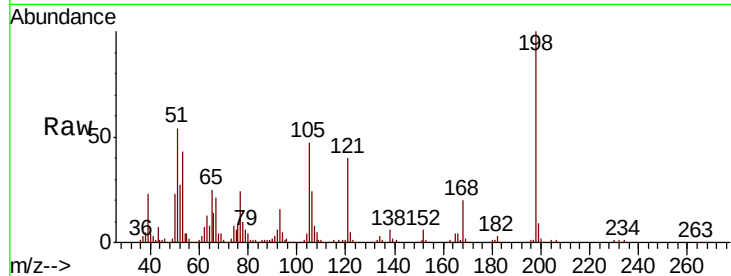
#65
 4,6-Dinitro-2-methylphenol
 Concen: 30.126 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: BF120307.D
 Acq: 14 May 2020 22:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	189276		
51	54.5	27.1	67.1	
105	47.2	24.3	64.3	

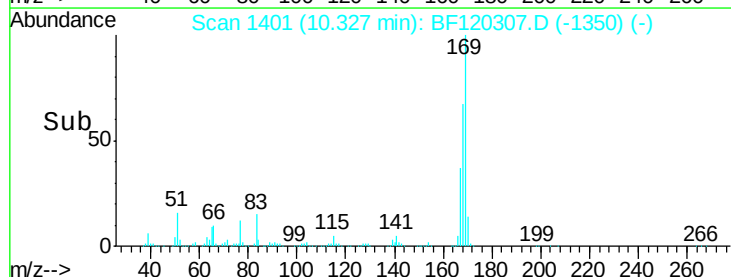
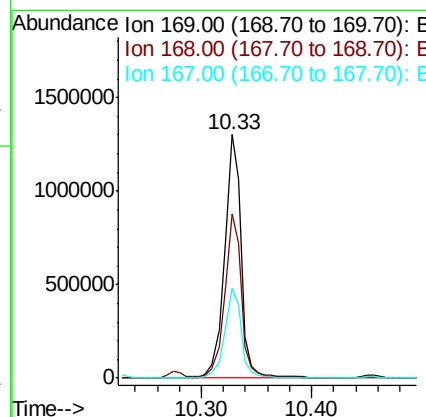
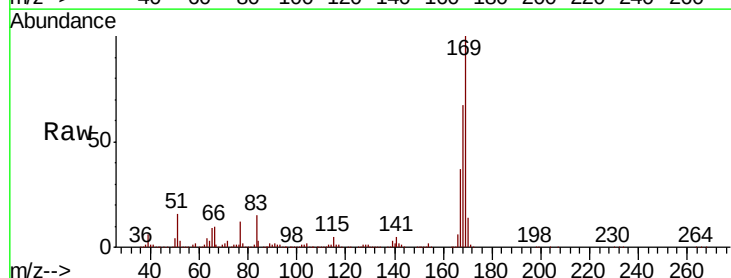
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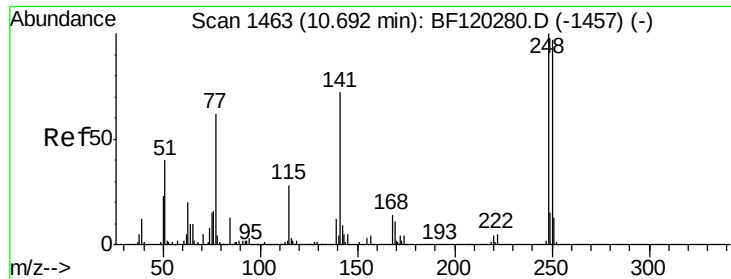
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 39.581 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF120307.D
 Acq: 14 May 2020 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1360420		
168	67.5	53.7	80.5	
167	36.9	29.8	44.6	





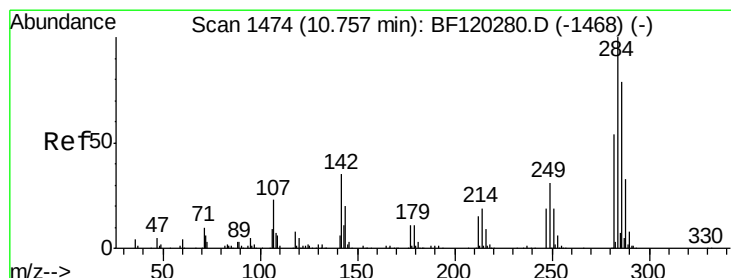
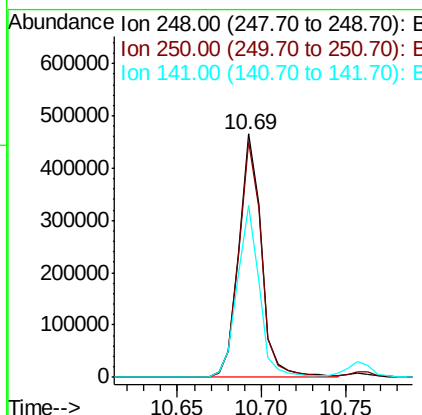
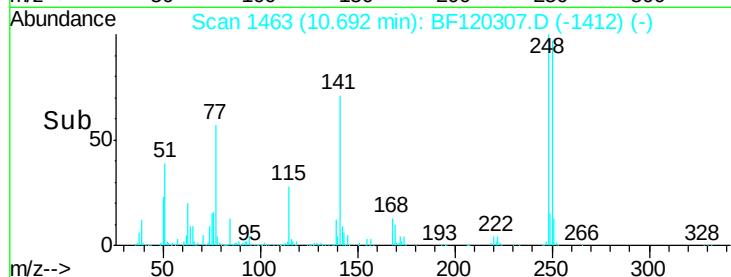
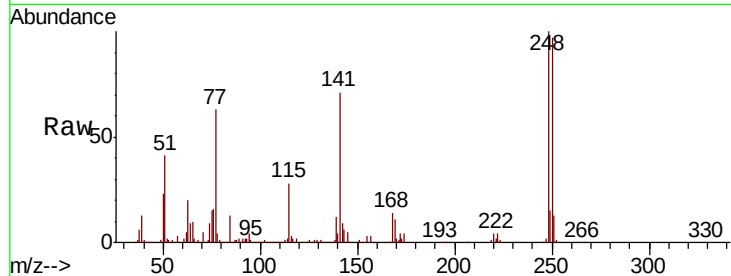
#67
4-Bromophenyl-phenylether
Concen: 36.111 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.8	116.6
141	70.8	57.7	86.5

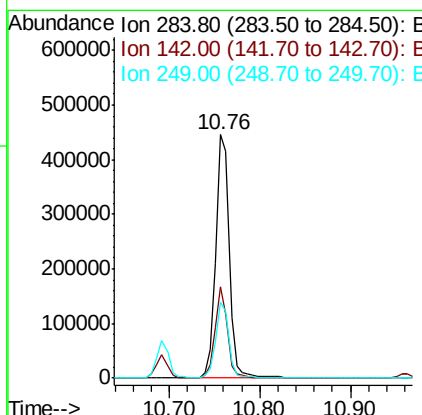
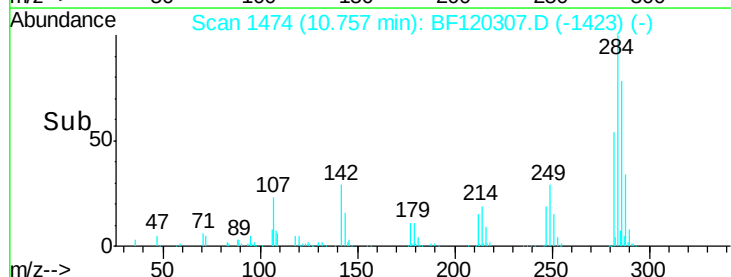
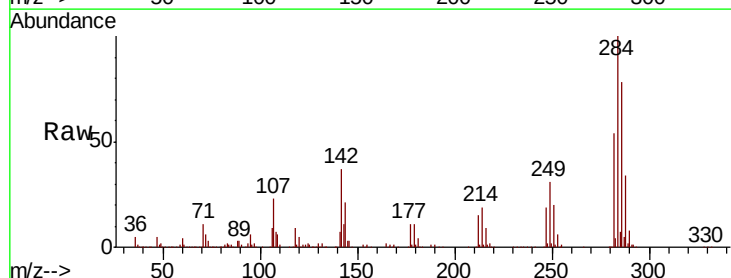
Manual Integrations
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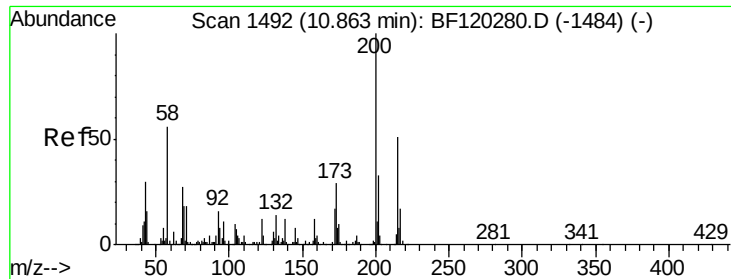
mohammad
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#68
Hexachlorobenzene
Concen: 36.816 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.3	28.5	42.7
249	31.2	24.8	37.2





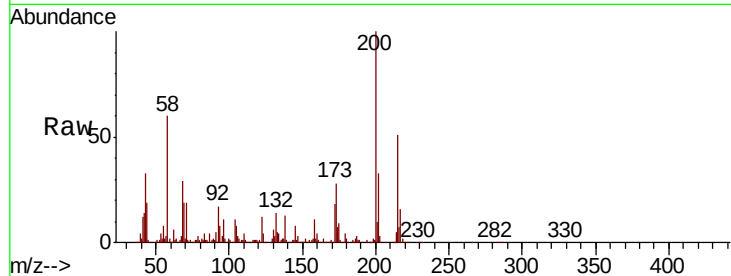
#69
Atrazine
Concen: 33.914 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.2	8.7	48.7
215	51.0	30.6	70.6

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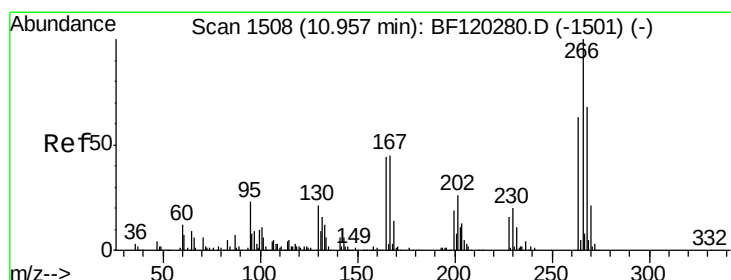
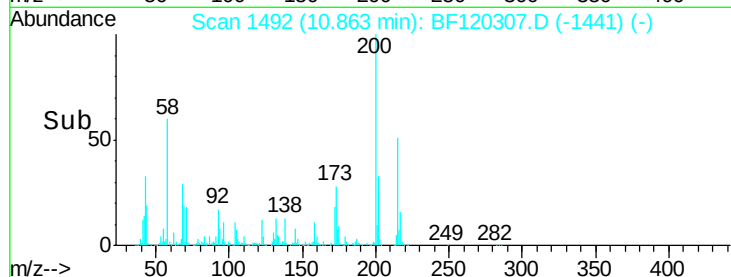
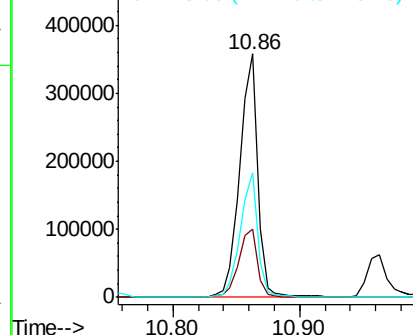


Abundance

Ion 200.00 (199.70 to 200.70): E

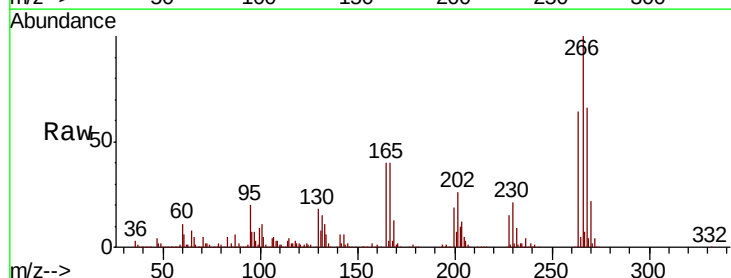
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 76.505 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.4	54.2	81.4
264	63.7	50.2	75.4

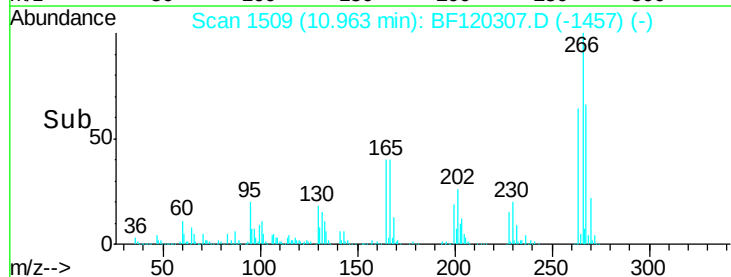
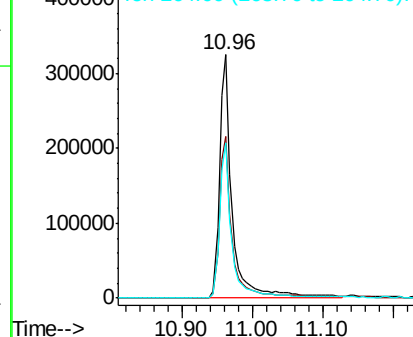


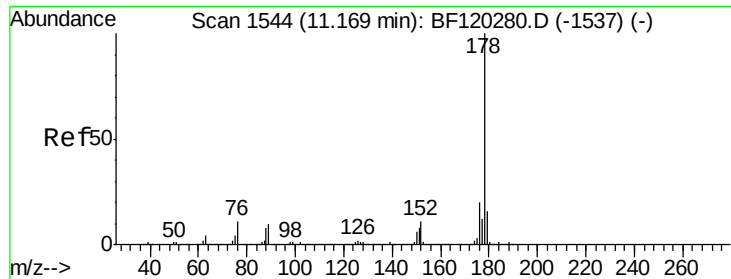
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





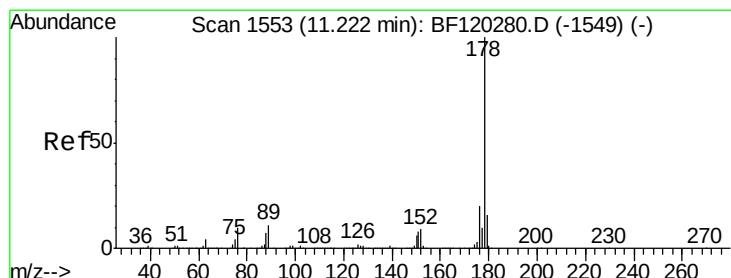
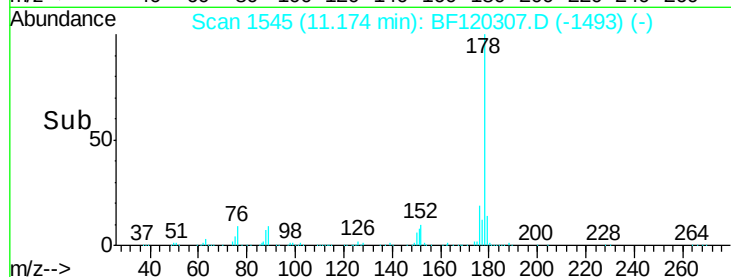
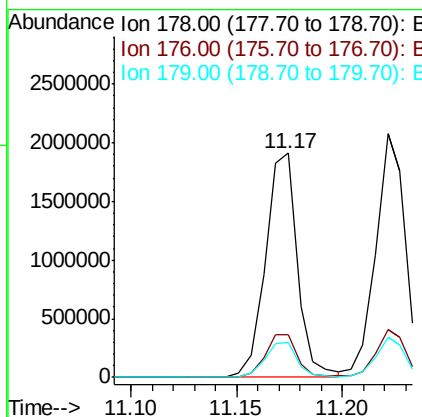
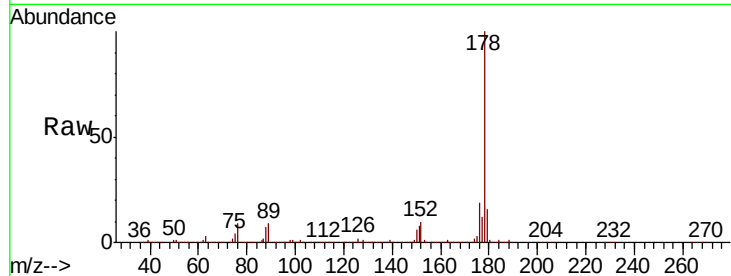
#71
Phenanthrene
Concen: 38.508 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

Tot Ion:178 Resp: 2010249
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.5 12.8 19.2

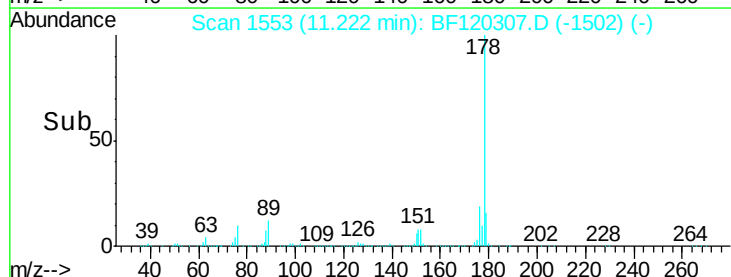
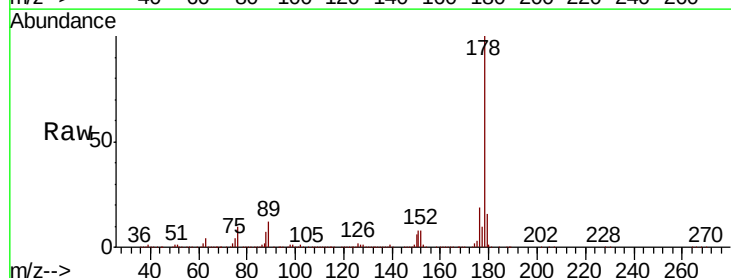
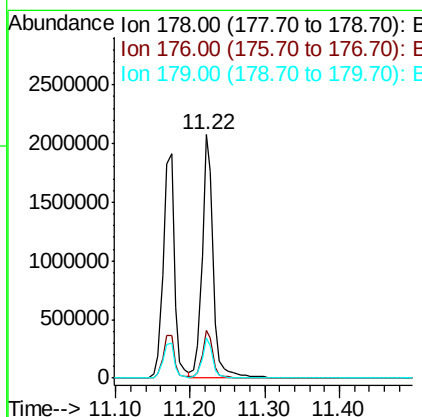
Manual Integrations
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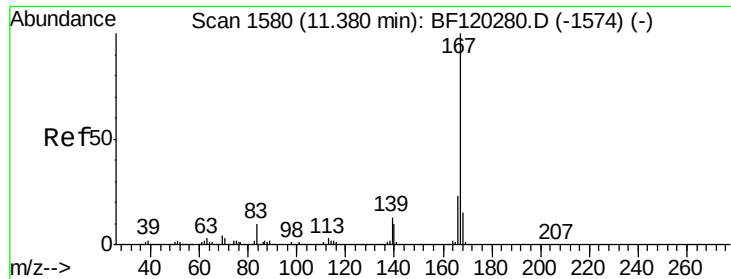
mohammad
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#72
Anthracene
Concen: 38.942 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Tgt Ion:178 Resp: 2176265
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 16.4 13.0 19.6





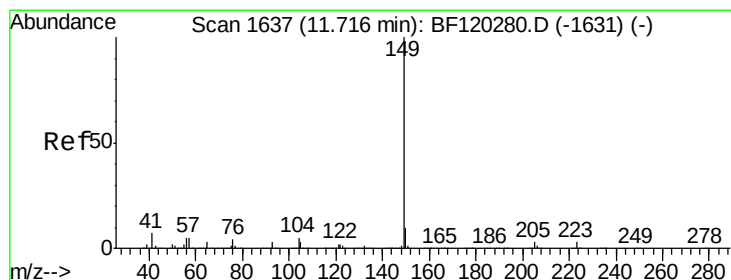
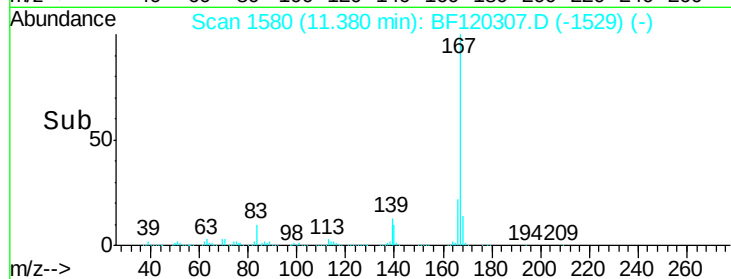
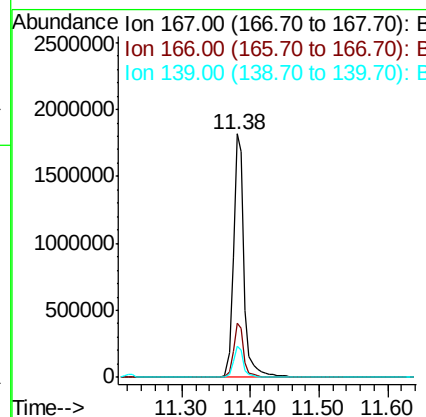
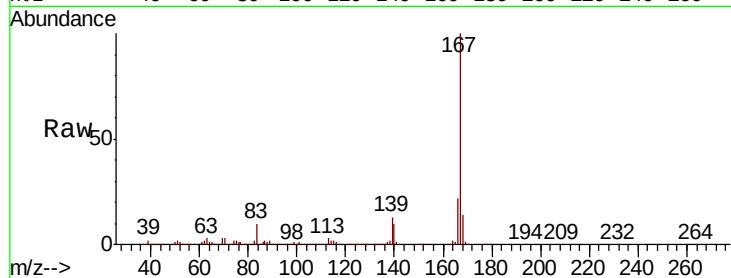
#73
 Carbazole
 Concen: 37.769 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.00 min
 Lab File: BF120307.D
 Acq: 14 May 2020 22:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	12.9	10.6	15.8

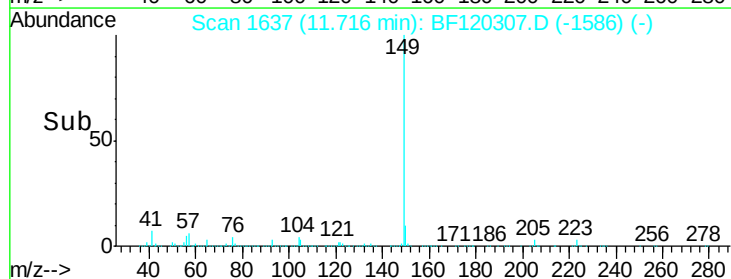
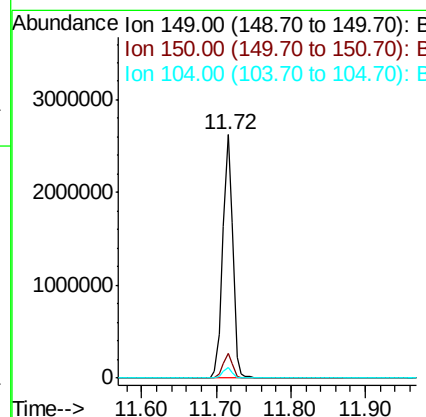
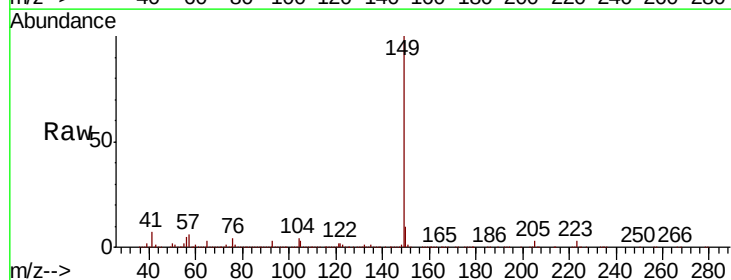
Manual Integrations
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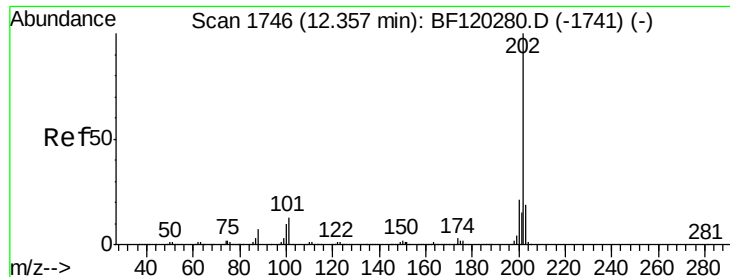
mohammad
 5/18/2020 1:32:20 PM



#74
 Di-n-butylphthalate
 Concen: 38.559 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: BF120307.D
 Acq: 14 May 2020 22:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.4
104	4.5	3.8	5.8





#75

Fluoranthene

Concen: 36.689 ng

RT: 12.36 min Scan# 1746

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA_F

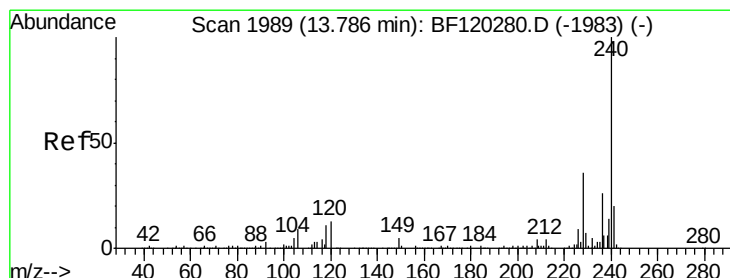
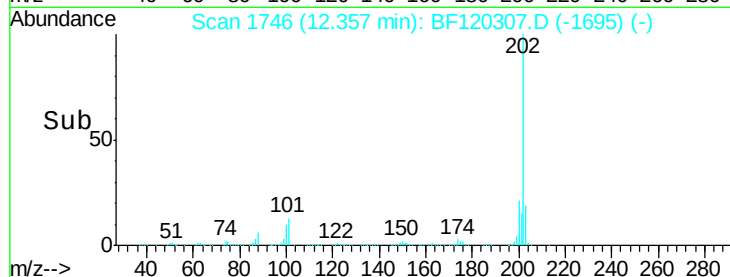
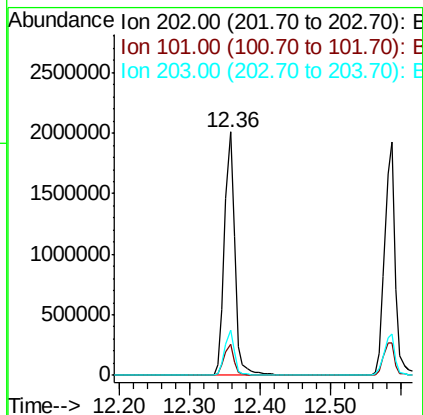
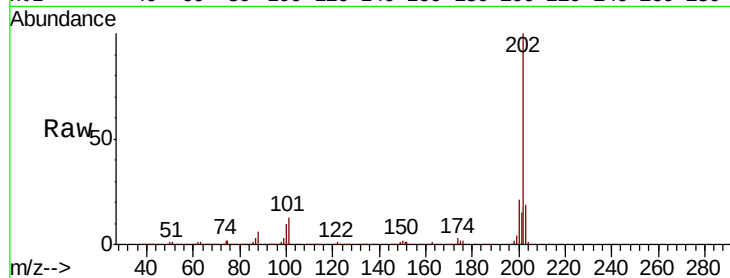
ClientSampleId :

EO-01-051320MSD

Tot Ion:	202	Resp:	2052862
Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	18.8	0.0	39.1

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#76

Chrysene-d12

Concen: 20.000 ng

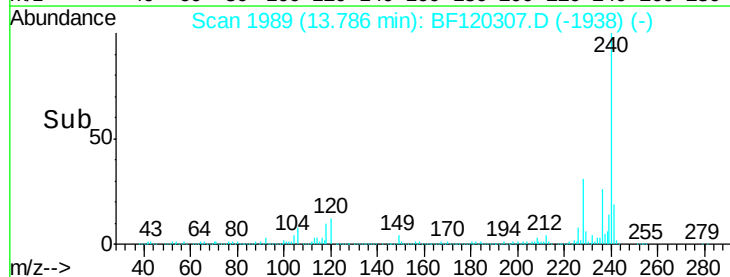
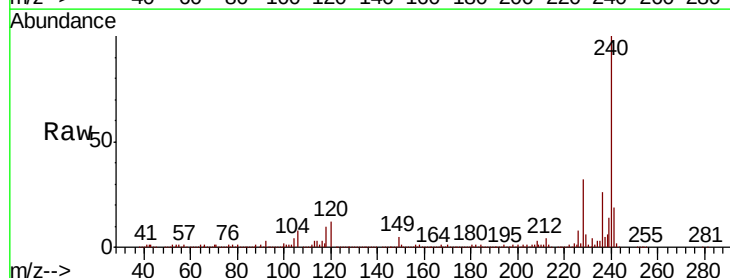
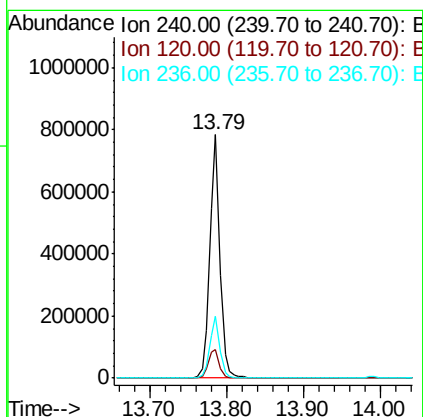
RT: 13.79 min Scan# 1989

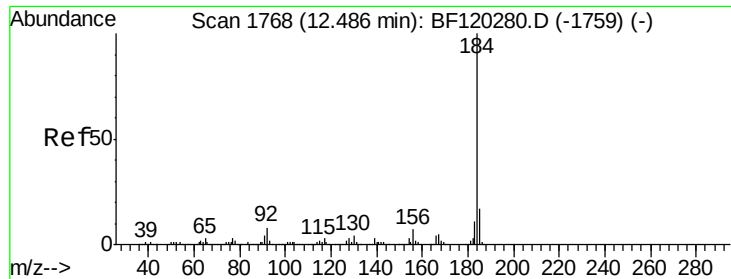
Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Tgt Ion:	240	Resp:	701424
Ion	Ratio	Lower	Upper
240	100		
120	11.7	10.4	15.6
236	25.6	21.0	31.6





#77

Benzidine

Concen: 48.037 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA_F

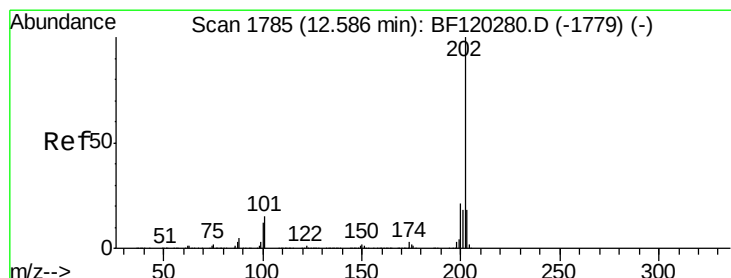
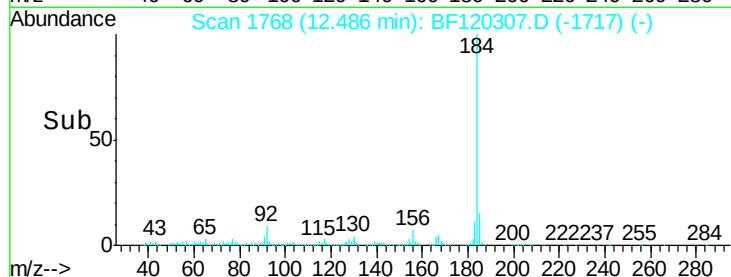
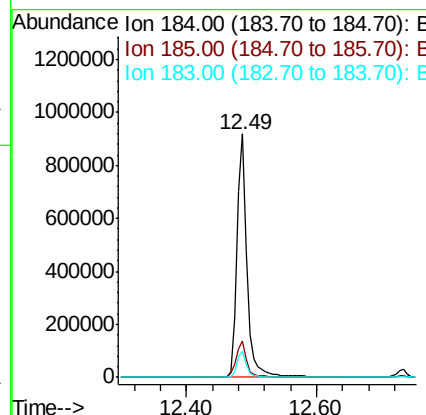
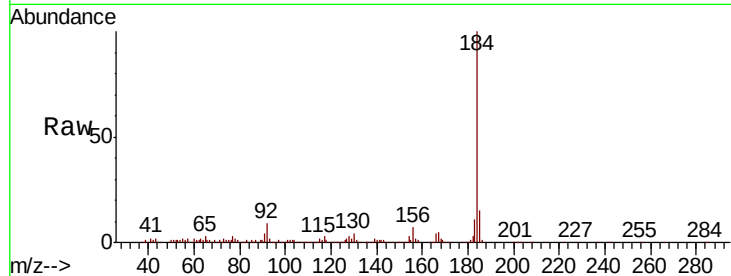
ClientSampleId :

EO-01-051320MSD

Tot Ion:	184	Resp:	983938
Ion Ratio	Lower	Upper	
184	100		
185	14.8	13.7	20.5
183	10.7	8.7	13.1

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#78

Pyrene

Concen: 40.511 ng

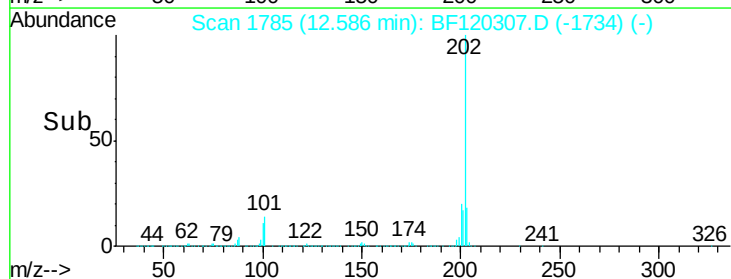
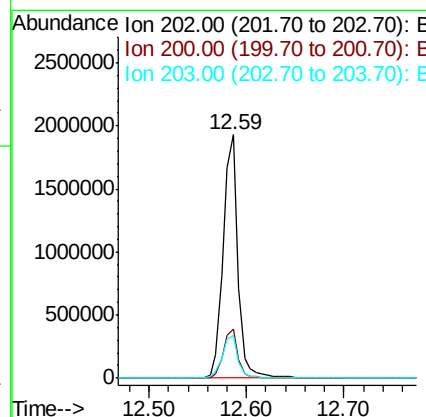
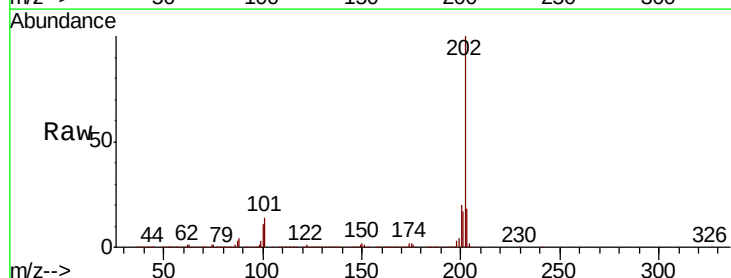
RT: 12.59 min Scan# 1785

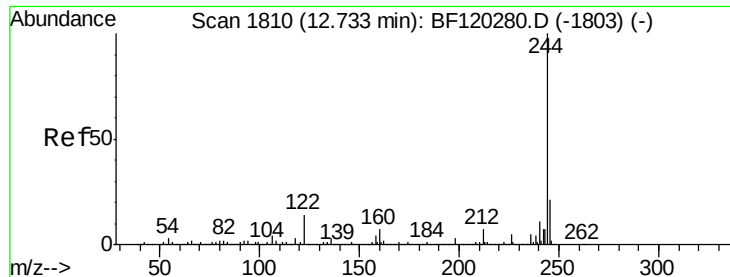
Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Tgt Ion:	202	Resp:	2025757
Ion Ratio	Lower	Upper	
202	100		
200	20.0	16.6	25.0
203	17.8	14.6	22.0





#79

Terphenyl-d14

Concen: 82.249 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MSD

Tot Ion:244 Resp: 2611396

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

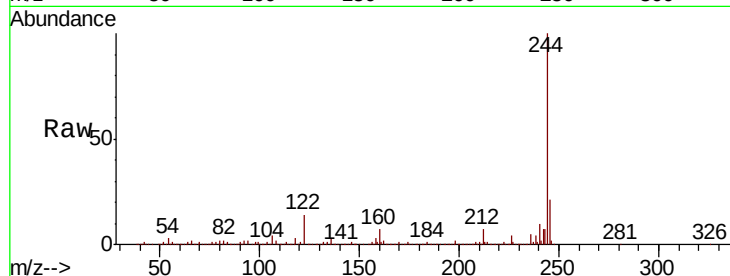
122 13.6 10.8 16.2

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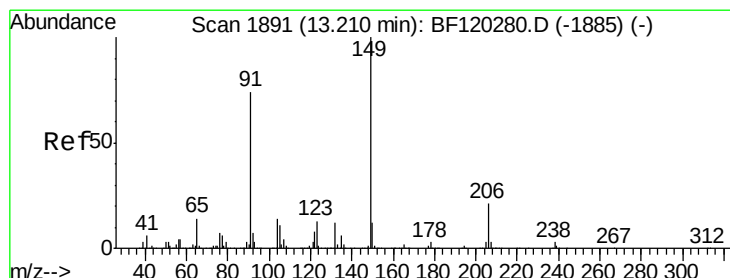
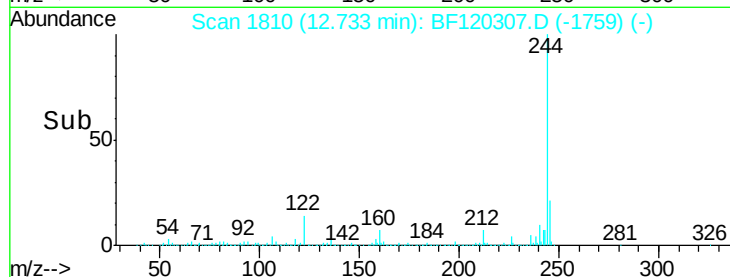
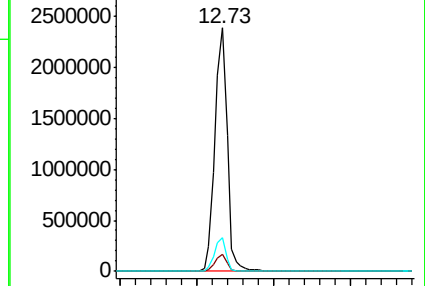
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.842 ng

RT: 13.21 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

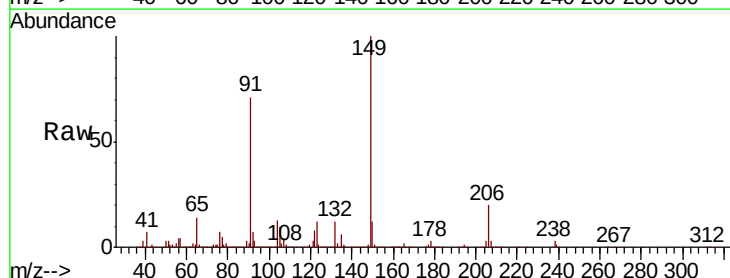
Tgt Ion:149 Resp: 891047

Ion Ratio Lower Upper

149 100

91 71.2 59.0 88.4

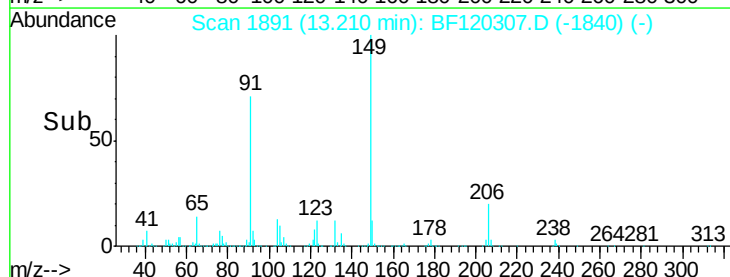
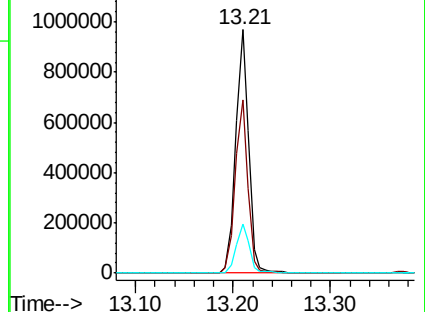
206 20.3 16.8 25.2

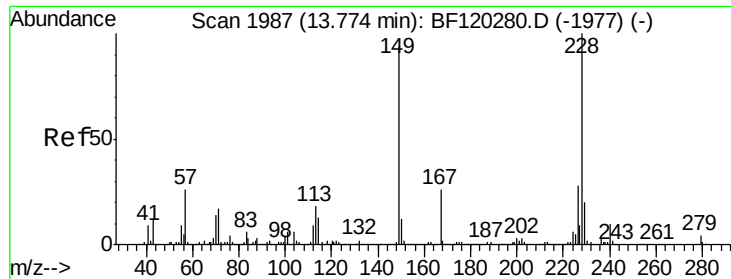


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.835 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MSD

Tot Ion:228 Resp: 1399736

Ion Ratio Lower Upper

228 100

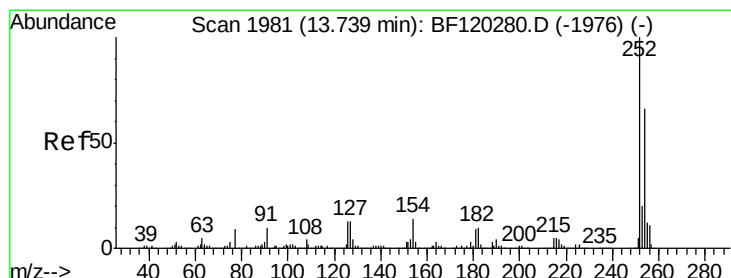
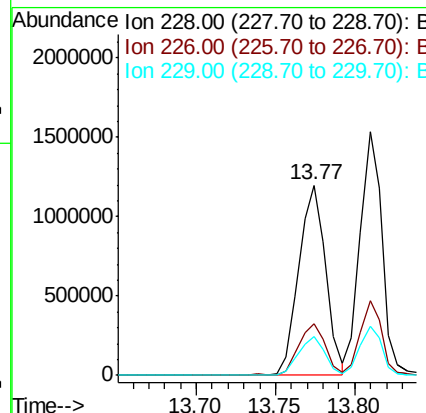
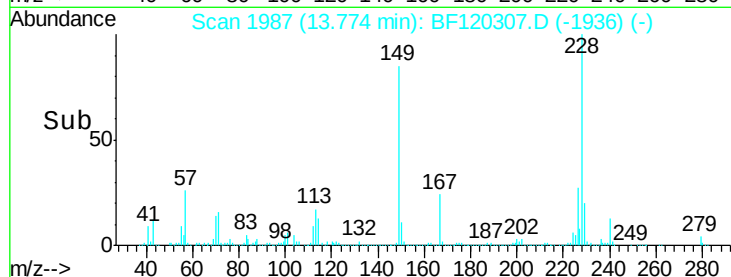
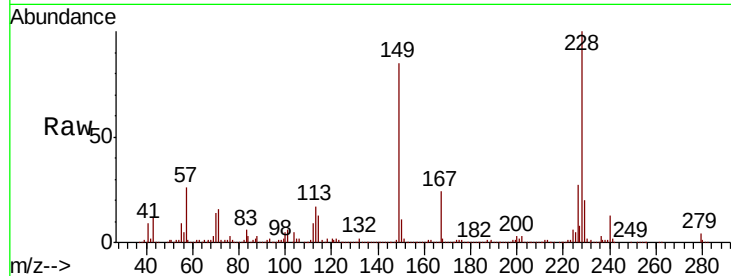
226 27.1 22.6 33.8

229 20.2 16.4 24.6

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#82

3,3'-Dichlorobenzidine

Concen: 28.672 ng

RT: 13.74 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

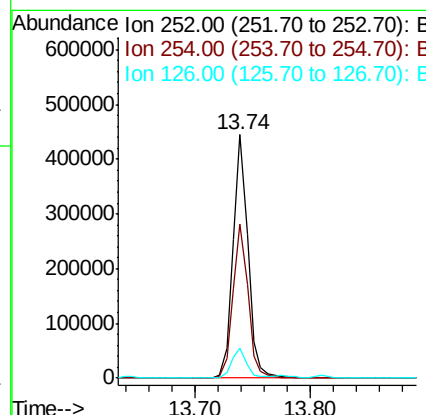
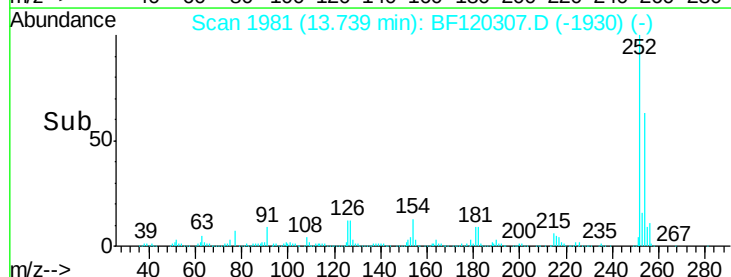
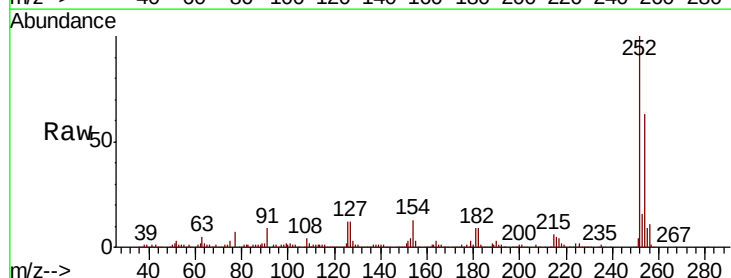
Tgt Ion:252 Resp: 399737

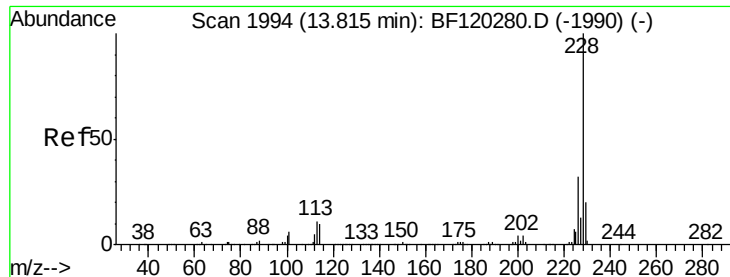
Ion Ratio Lower Upper

252 100

254 63.2 52.6 78.8

126 12.4 10.7 16.1





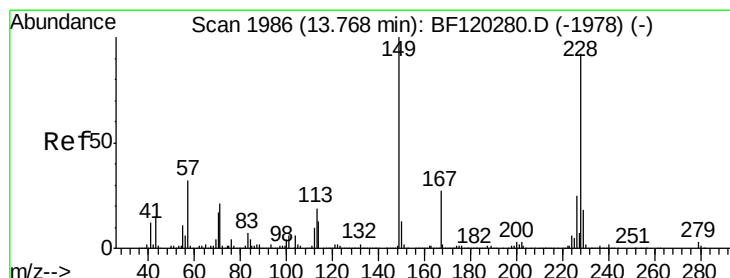
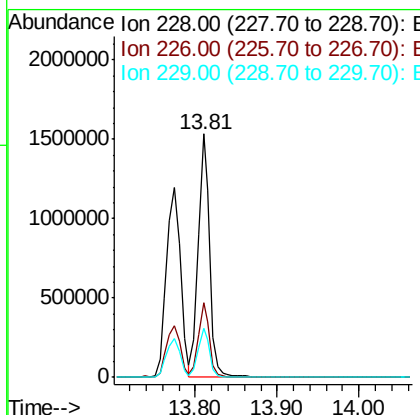
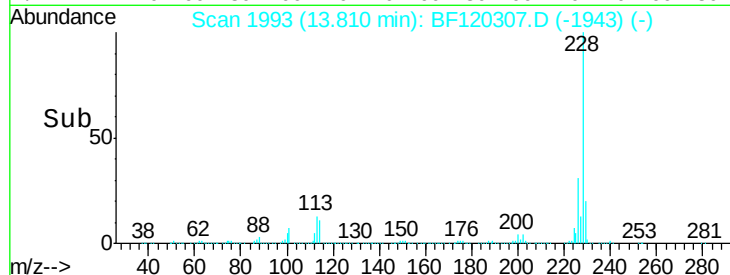
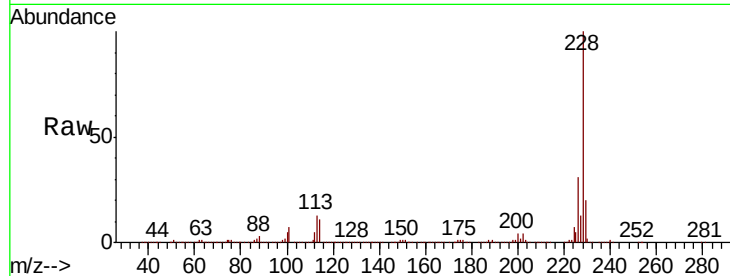
#83
 Chrysene
 Concen: 37.967 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BF120307.D
 Acq: 14 May 2020 22:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320MSD

Tot Ion:228 Resp: 1508272
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.6
 229 20.2 16.2 24.4

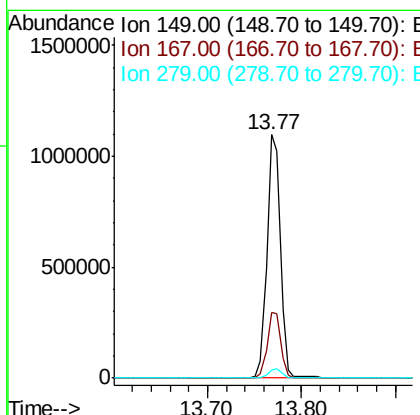
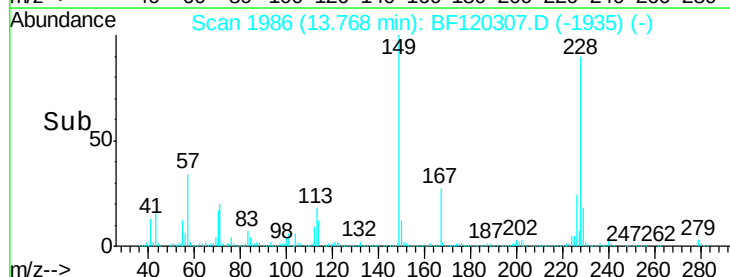
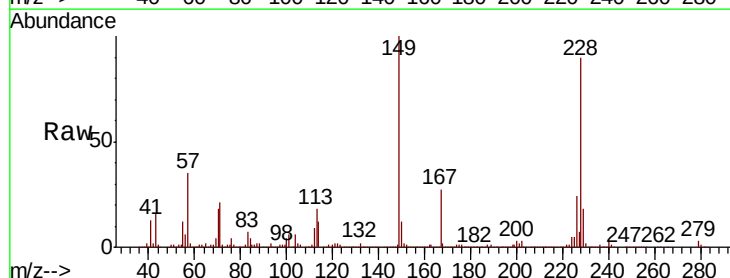
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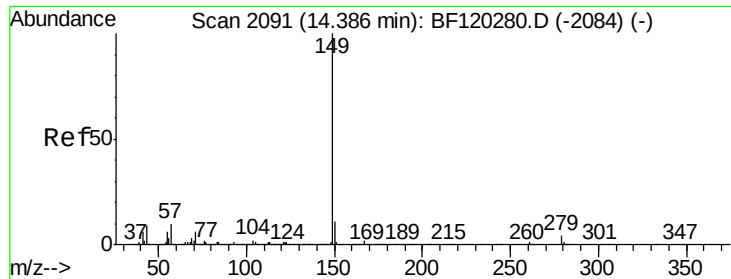
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.163 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BF120307.D
 Acq: 14 May 2020 22:51

Tgt Ion:149 Resp: 1088719
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.8 32.8
 279 3.4 2.8 4.2





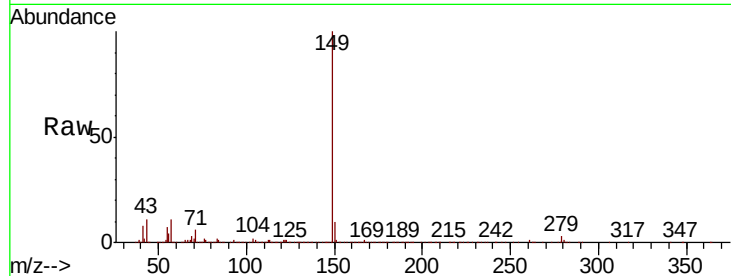
#85
Di-n-octyl phthalate
Concen: 34.680 ng
RT: 14.38 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.9	7.5	11.3

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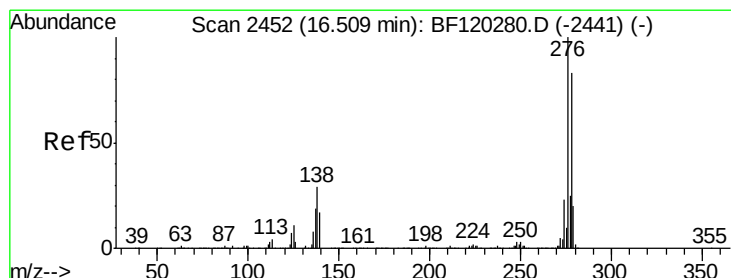
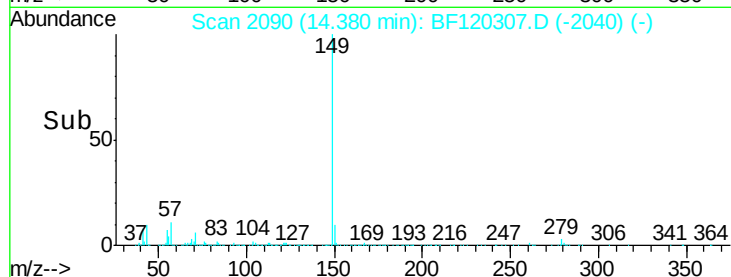
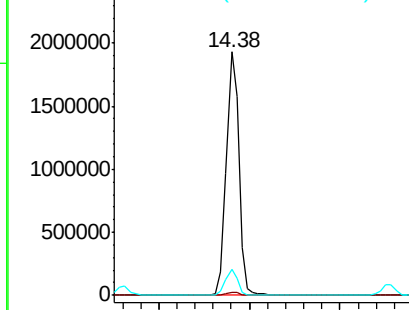


Abundance

Ion 149.00 (148.70 to 149.70): E

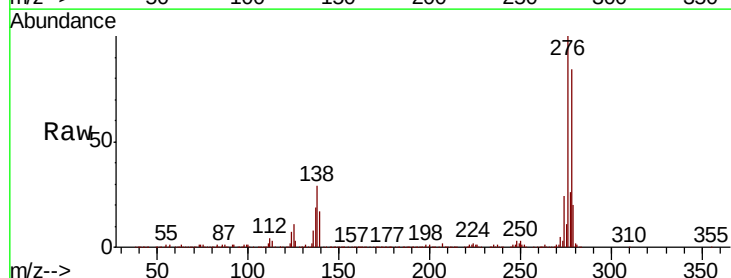
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.241 ng
RT: 16.51 min Scan# 2452
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.8	23.3	34.9
277	25.3	20.2	30.4

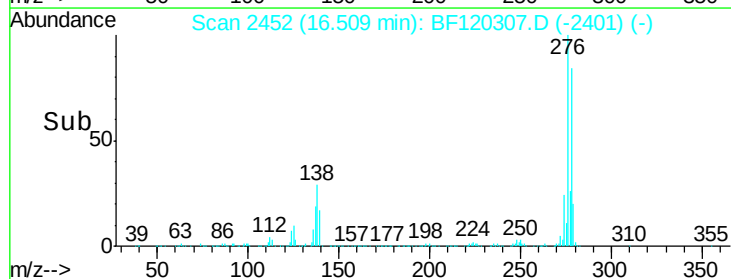
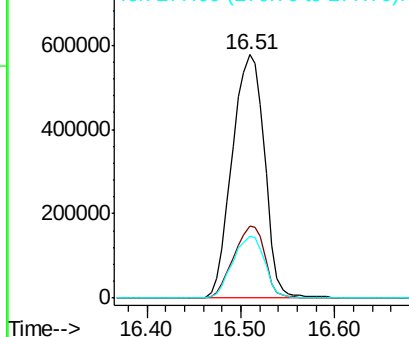


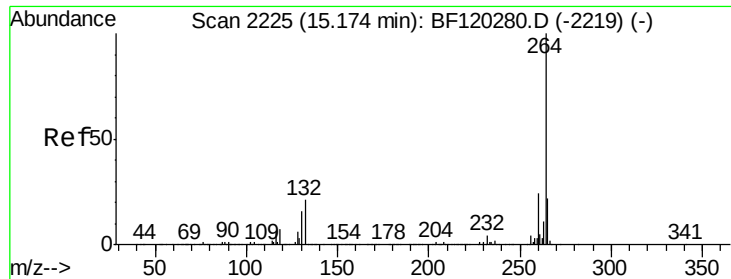
Abundance

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





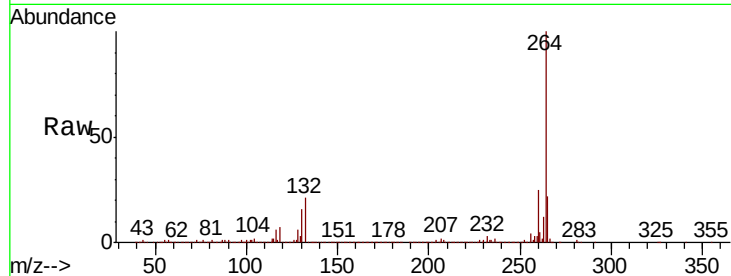
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Instrument :
BNA_F
ClientSampleId :
EO-01-051320MSD

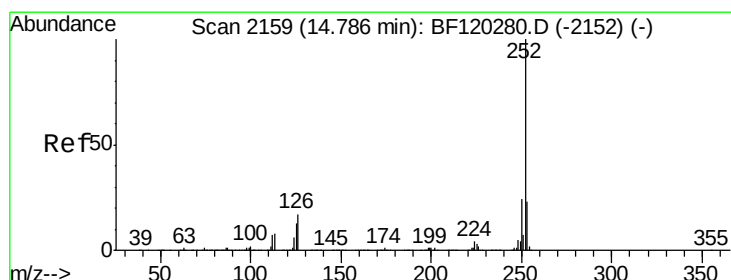
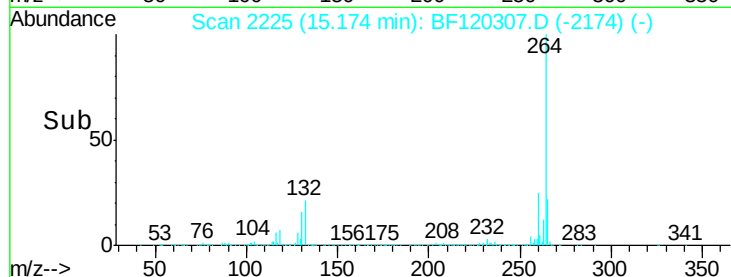
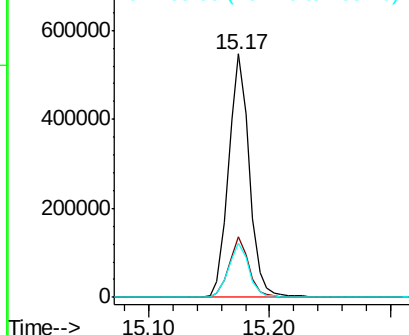
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.0	28.6
265	22.2	17.5	26.3

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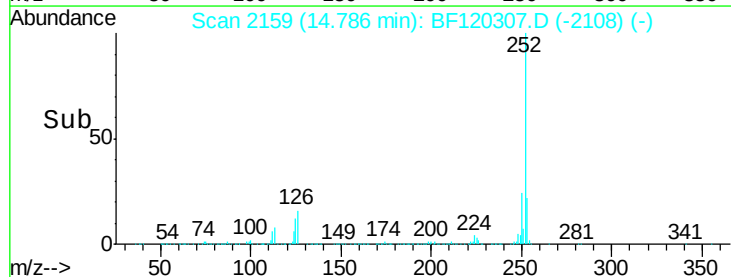
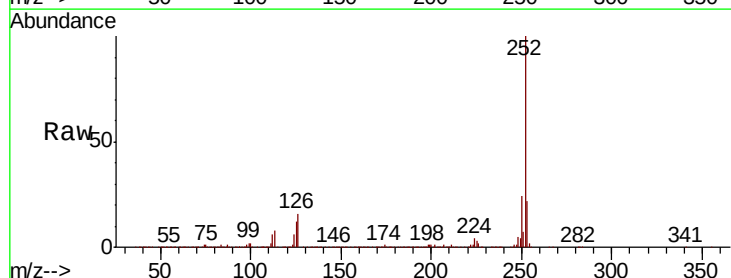
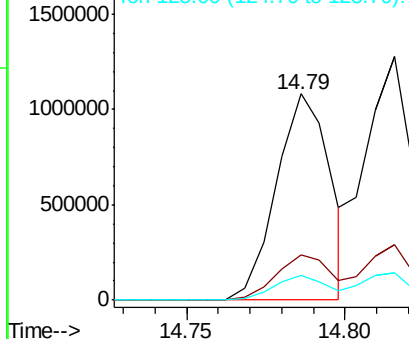
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

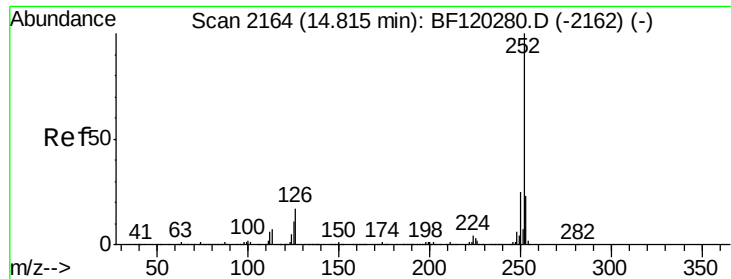


#88
Benzo(b)fluoranthene
Concen: 35.611 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BF120307.D
Acq: 14 May 2020 22:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	12.1	10.4	15.6

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: 42.972 ng

RT: 14.82 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA_F

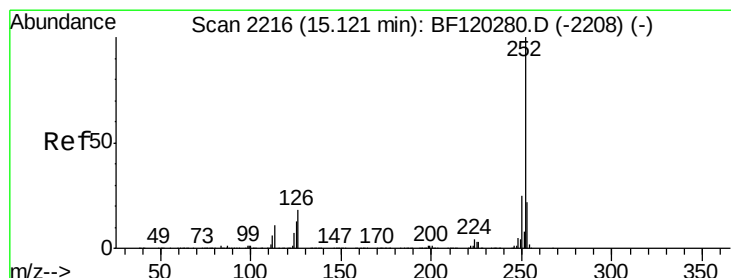
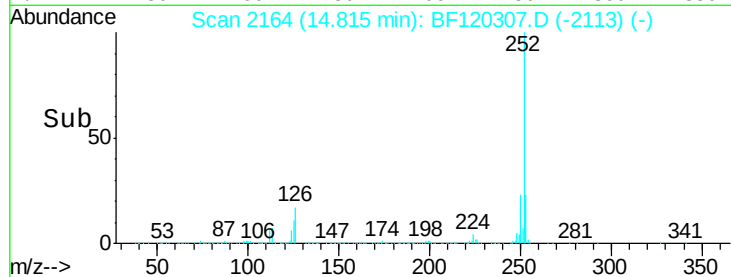
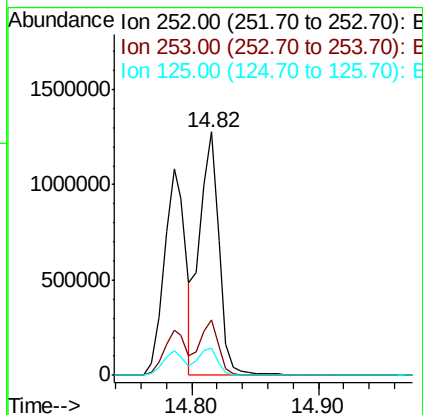
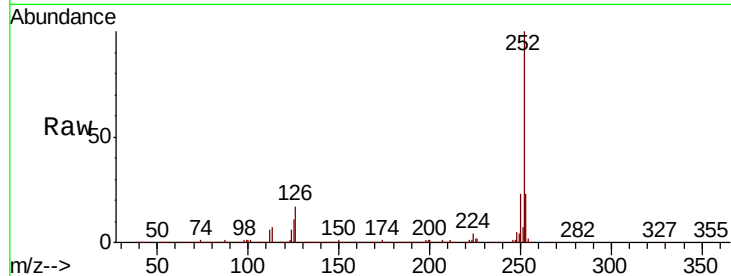
ClientSampleId :

EO-01-051320MSD

Tot Ion:	252	Resp:	1336415
Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	11.4	9.9	14.9

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#90

Benzo(a)pyrene

Concen: 37.288 ng

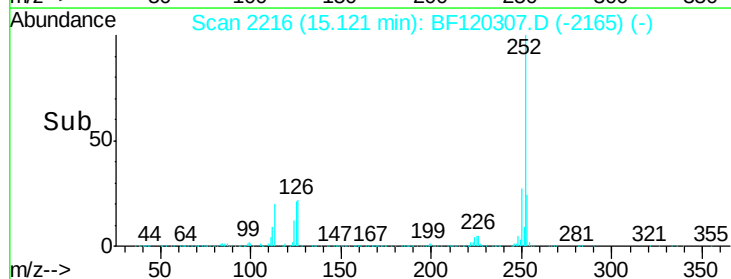
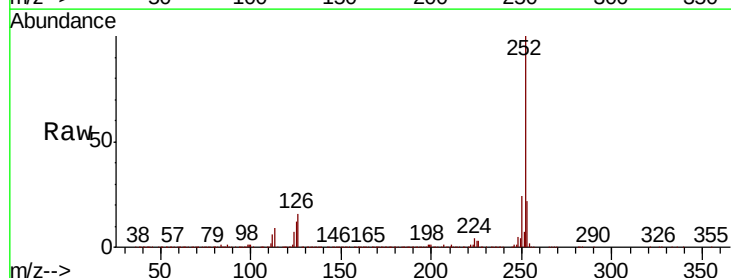
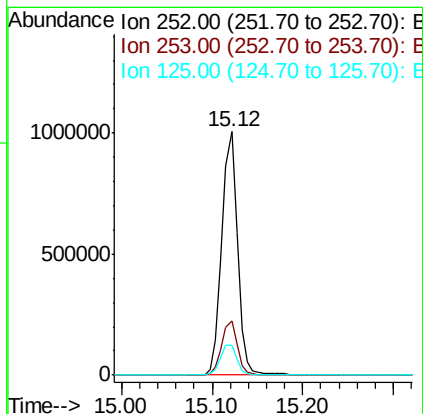
RT: 15.12 min Scan# 2216

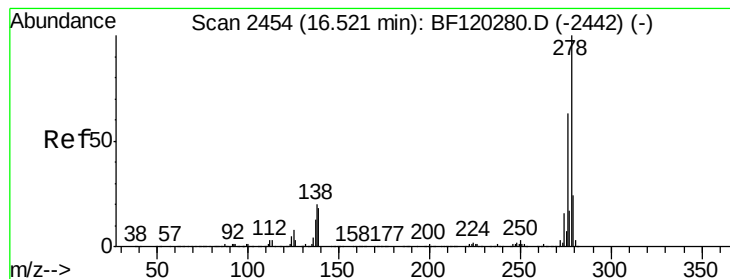
Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Tgt Ion:	252	Resp:	1200396
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	12.5	10.6	16.0





#91

Dibenzo(a,h)anthracene

Concen: 40.803 ng

RT: 16.52 min Scan# 2454

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

Instrument :

BNA_F

ClientSampleId :

EO-01-051320MSD

Tot Ion:278 Resp: 1163686

Ion Ratio Lower Upper

278 100

139 17.6 14.7 22.1

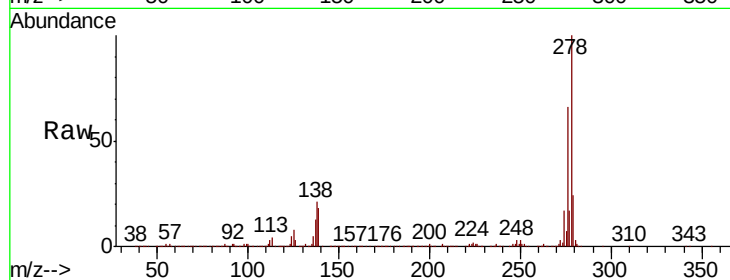
279 24.1 19.2 28.8

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mohammad

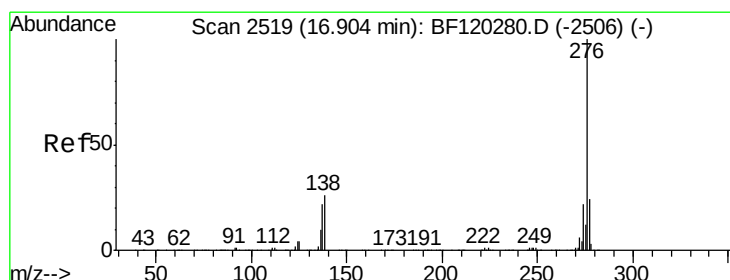
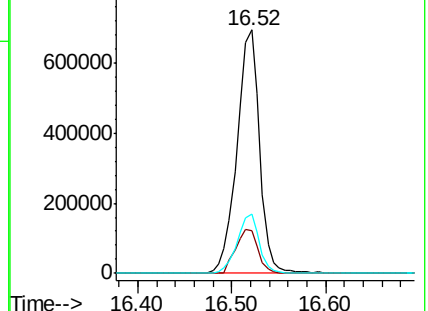
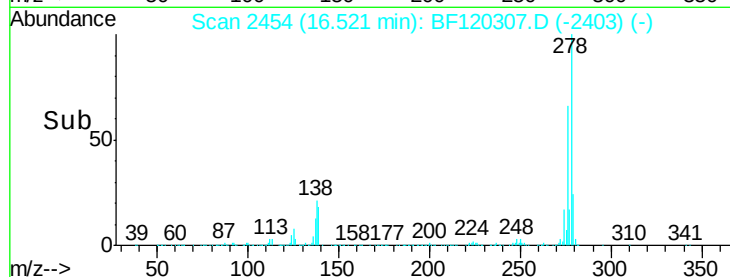
5/18/2020 1:32:20 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.605 ng

RT: 16.90 min Scan# 2519

Delta R.T. -0.00 min

Lab File: BF120307.D

Acq: 14 May 2020 22:51

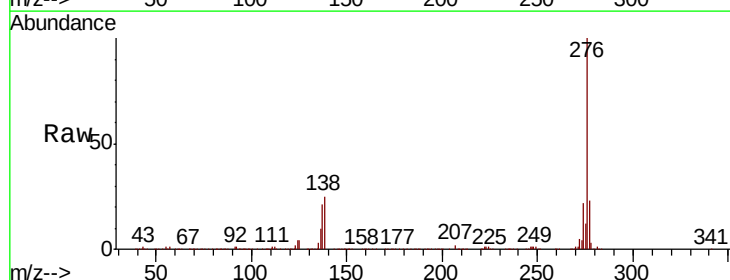
Tgt Ion:276 Resp: 1081487

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 24.8 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

