

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071320\
 Data File : BF120852.D
 Acq On : 13 Jul 2020 14:43
 Operator : JU/CG
 Sample : L3184-06MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MS

Manual Integrations
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mohammad
 7/14/2020 12:01:47 PM

Quant Time: Jul 13 15:13:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 14:16:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	191181	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	725818	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	369636	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	684345	20.00	ng	0.00
76) Chrysene-d12	14.00	240	509567	20.00	ng	0.00
86) Perylene-d12	15.45	264	429200	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1394045	112.56	ng	0.02
7) Phenol-d6	6.47	99	1557794	98.49	ng	0.00
23) Nitrobenzene-d5	7.40	82	1237855	98.81	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	520040	140.04	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2057916	84.23	ng	0.00
79) Terphenyl-d14	12.94	244	2162619	83.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	234238	41.404	ng	96
3) Pyridine	3.42	79	570905	36.841	ng	97
4) n-Nitrosodimethylamine	3.35	42	311544	40.188	ng	86
6) Aniline	6.50	93	638814	31.449	ng	96
8) 2-Chlorophenol	6.62	128	617442	46.826	ng	99
9) Benzaldehyde	6.38	77	106061	11.275	ng	98
10) Phenol	6.48	94	622952	38.288	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	598193	45.182	ng	99
12) 1,3-Dichlorobenzene	6.77	146	620212	42.733	ng	98
13) 1,4-Dichlorobenzene	6.85	146	623181	42.869	ng	98
14) 1,2-Dichlorobenzene	7.00	146	580246	41.955	ng	99
15) Benzyl Alcohol	6.97	79	492321	41.429	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	842982	40.820	ng	99
17) 2-Methylphenol	7.09	107	479810	40.676	ng	99
18) Hexachloroethane	7.35	117	233594	42.754	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	398316	41.827	ng	95
20) 3+4-Methylphenols	7.24	107	519157	35.734	ng	# 86
22) Acetophenone	7.25	105	748362	41.481	ng	# 94
24) Nitrobenzene	7.42	77	637311	45.309	ng	97
25) Isophorone	7.66	82	1170554	43.327	ng	99
26) 2-Nitrophenol	7.73	139	308221	51.782	ng	# 88
27) 2,4-Dimethylphenol	7.77	122	500951	46.450	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	726375	45.428	ng	99
29) 2,4-Dichlorophenol	7.97	162	506134	47.010	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	544371	45.016	ng	99
31) Naphthalene	8.14	128	1684770	43.434	ng	100
32) Benzoic acid	7.89	122	330472	43.746	ng	94
33) 4-Chloroaniline	8.19	127	388250	23.587	ng	98
34) Hexachlorobutadiene	8.26	225	308607	42.432	ng	100
35) Caprolactam	8.56	113	121459m	38.716	ng	
36) 4-Chloro-3-methylphenol	8.67	107	515115	45.994	ng	93
37) 2-Methylnaphthalene	8.83	142	1135947	45.049	ng	99
38) 1-Methylnaphthalene	8.93	142	1078332	45.654	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	479165	42.892	ng	99

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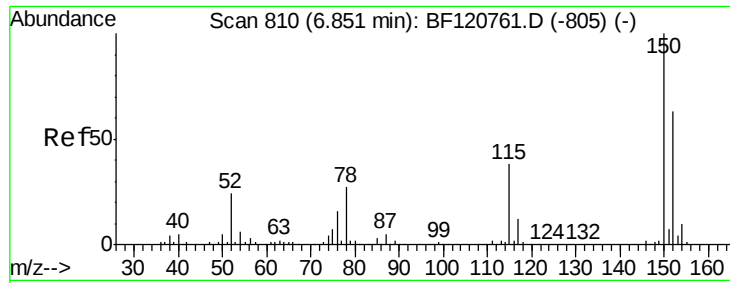
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Quant Time: Jul 13 15:13:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 14:16:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	491483	74.462	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	366793	48.184	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	385229	45.600	ng	98
46) 1,1'-Biphenyl	9.30	154	1308241	43.877	ng	98
47) 2-Chloronaphthalene	9.32	162	1057898	44.289	ng	98
48) 2-Nitroaniline	9.42	65	339392	47.482	ng	89
49) Acenaphthylene	9.74	152	1648650	44.024	ng	100
50) Dimethylphthalate	9.60	163	1456732	54.025	ng	99
51) 2,6-Dinitrotoluene	9.66	165	274346	51.043	ng	88
52) Acenaphthene	9.91	154	1129192	48.604	ng	100
53) 3-Nitroaniline	9.82	138	219999	34.127	ng	99
54) 2,4-Dinitrophenol	9.93	184	255289	116.193	ng	# 82
55) Dibenzofuran	10.08	168	1486627	44.392	ng	98
56) 4-Nitrophenol	9.99	139	413993	83.622	ng	88
57) 2,4-Dinitrotoluene	10.06	165	362685	53.928	ng	# 79
58) Fluorene	10.42	166	1053843	42.278	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	323616	51.478	ng	96
60) Diethylphthalate	10.30	149	1240459	44.162	ng	98
61) 4-Chlorophenyl-phenylether	10.42	204	499409	39.854	ng	96
62) 4-Nitroaniline	10.45	138	302457	52.793	ng	86
63) Azobenzene	10.57	77	1209764	42.103	ng	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	174320	58.738	ng	# 74
66) n-Nitrosodiphenylamine	10.53	169	1029391	44.878	ng	97
67) 4-Bromophenyl-phenylether	10.90	248	344845	43.440	ng	99
68) Hexachlorobenzene	10.97	284	390958	46.933	ng	# 92
69) Atrazine	11.06	200	282181	47.752	ng	98
70) Pentachlorophenol	11.16	266	448189	95.096	ng	99
71) Phenanthrene	11.39	178	1609393	43.343	ng	100
72) Anthracene	11.43	178	1686745	44.954	ng	99
73) Carbazole	11.59	167	1603387	44.467	ng	100
74) Di-n-butylphthalate	11.92	149	1883951	42.202	ng	99
75) Fluoranthene	12.57	202	1794548	45.368	ng	99
77) Benzidine	12.69	184	654100	45.477	ng	99
78) Pyrene	12.80	202	1834677	45.081	ng	100
80) Butylbenzylphthalate	13.42	149	817051	46.502	ng	99
81) Benzo(a)anthracene	13.99	228	1391099	42.588	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	421298	38.220	ng	# 99
83) Chrysene	14.03	228	1525212	45.777	ng	100
84) Bis(2-ethylhexyl)phthalate	13.98	149	894167	38.808	ng	98
85) Di-n-octyl phthalate	14.60	149	1833650	44.985	ng	97
87) Indeno(1,2,3-cd)pyrene	16.90	276	1283954	46.639	ng	100
88) Benzo(b)fluoranthene	15.03	252	1412837	50.071	ng	99
89) Benzo(k)fluoranthene	15.06	252	1368845	49.855	ng	99
90) Benzo(a)pyrene	15.39	252	1205921	47.910	ng	99
91) Dibenzo(a,h)anthracene	16.92	278	1076204	46.904	ng	99
92) Benzo(g,h,i)perylene	17.33	276	1037959	49.497	ng	99

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



#1

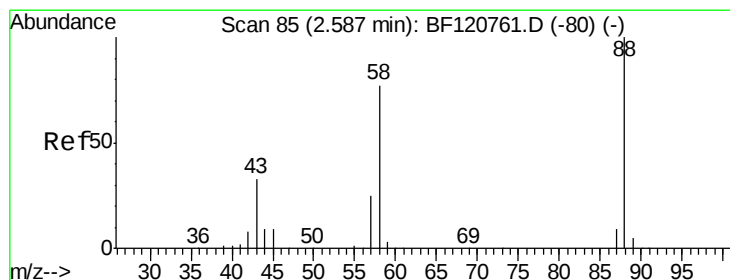
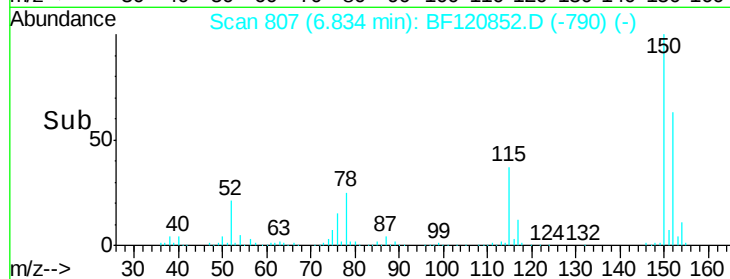
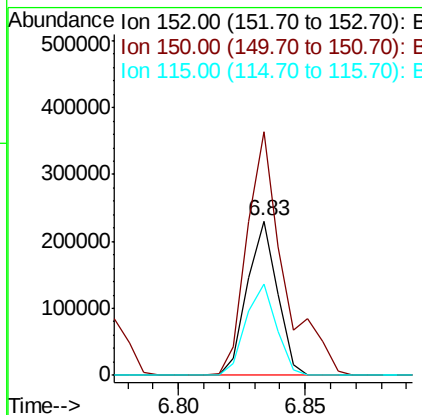
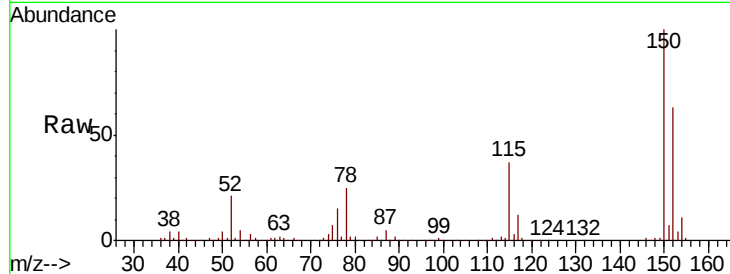
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.1	189.1
115	59.1	48.5	72.7

Manual Integrations
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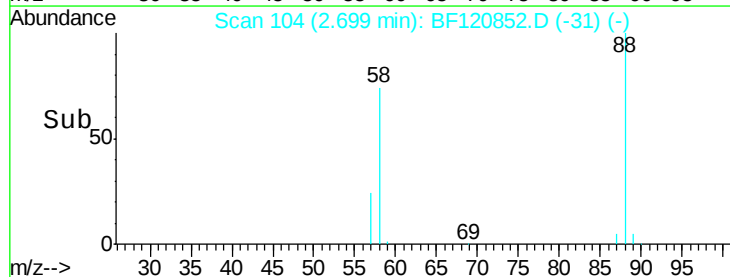
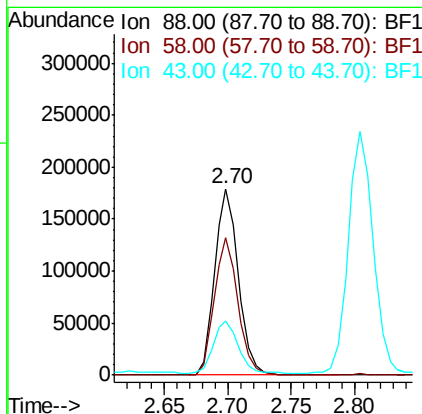
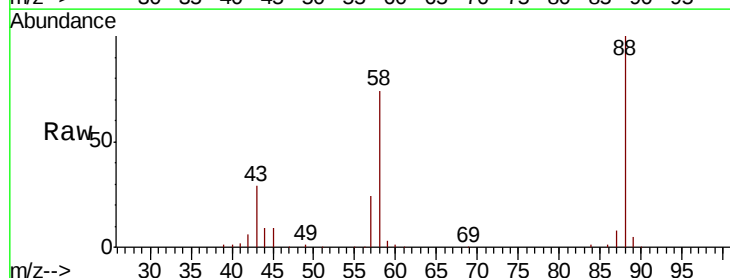
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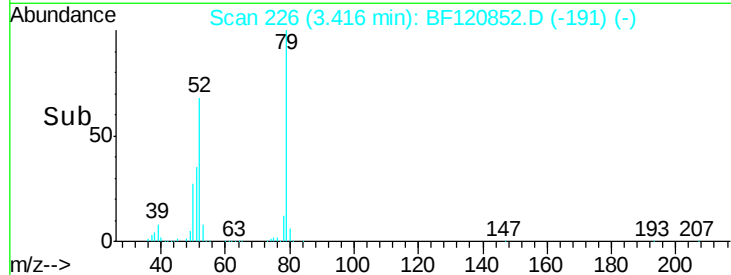
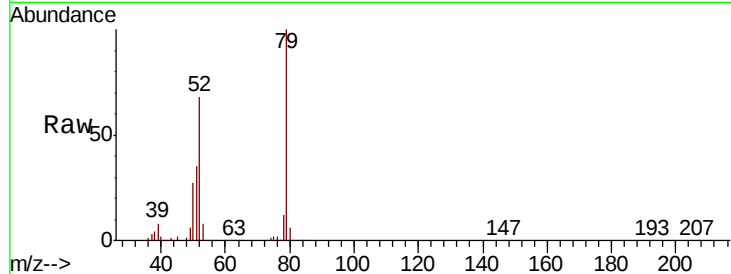
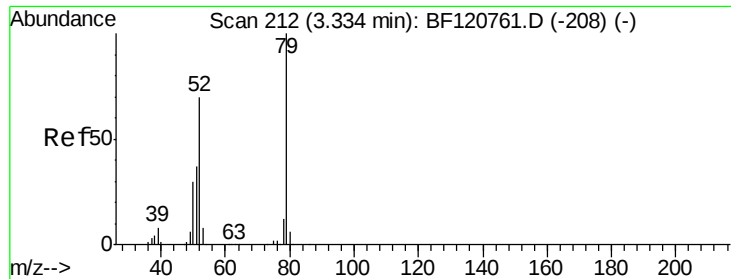


#2

1,4-Dioxane
Concen: 41.404 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.13 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.5	60.4	90.6
43	28.7	26.3	39.5





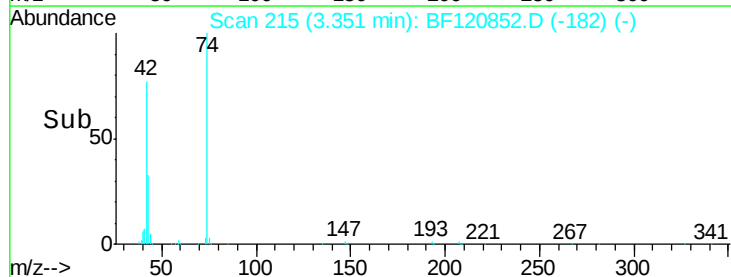
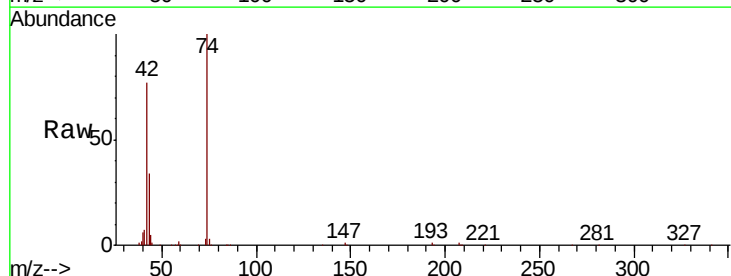
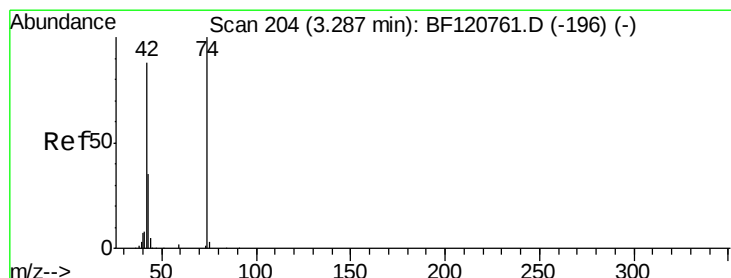
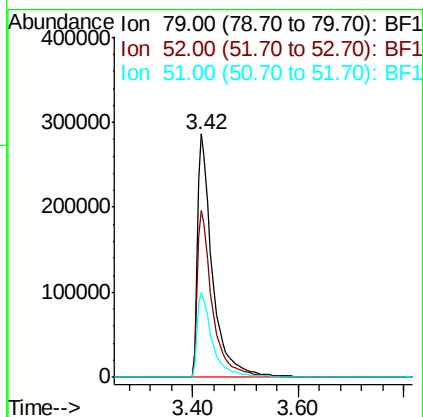
#3
 Pvridine
 Concen: 36.841 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.11 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	570905		
52	52	68.3		56.3	84.5
51	51	34.8		30.1	45.1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MS

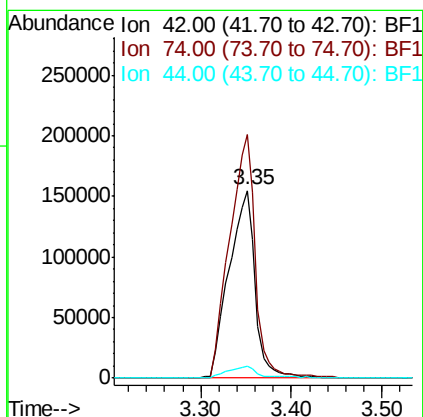
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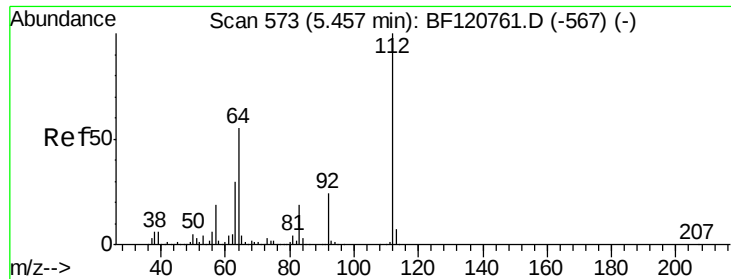
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#4
 n-Nitrosodimethylamine
 Concen: 40.188 ng
 RT: 3.35 min Scan# 215
 Delta R.T. 0.09 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	311544		
74	74	129.8		90.8	136.2
44	44	6.4		5.8	8.8





#5

2-Fluorophenol

Concen: 112.559 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MS

Tot Ion: 112 Resp: 1394045

Ion Ratio Lower Upper

112 100

64 55.6 43.8 65.6

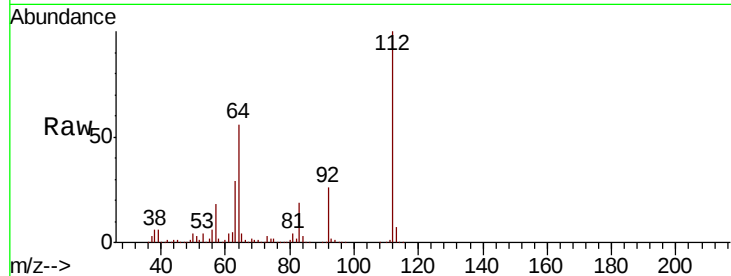
63 29.4 23.6 35.4

Manual Integrations

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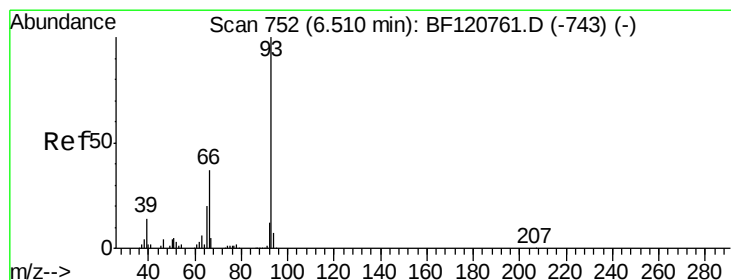
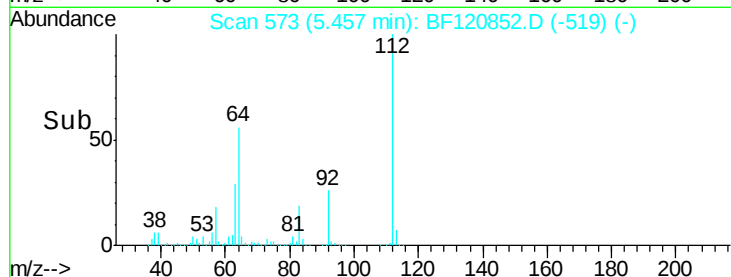
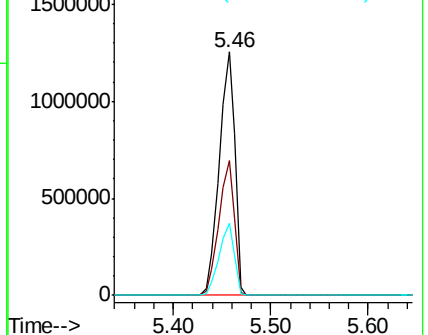
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.449 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

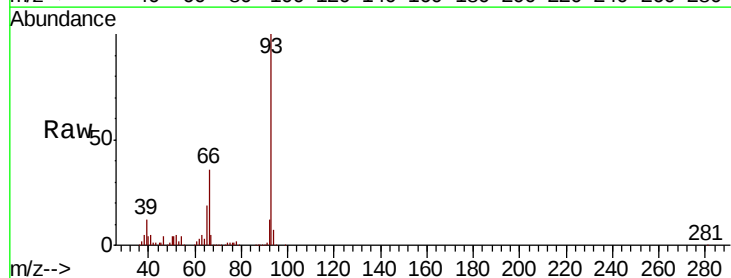
Tgt Ion: 93 Resp: 638814

Ion Ratio Lower Upper

93 100

66 36.0 31.3 46.9

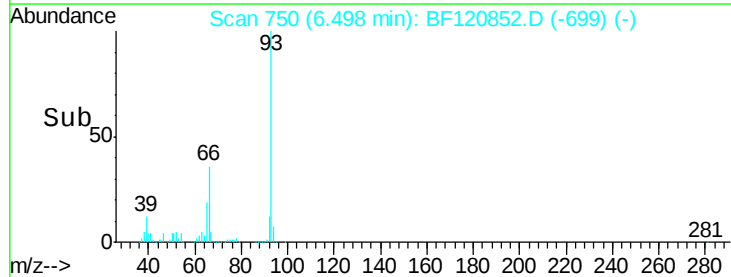
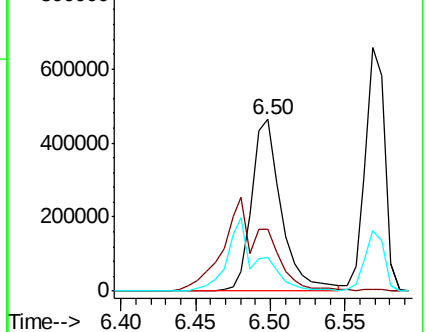
65 19.5 16.5 24.7

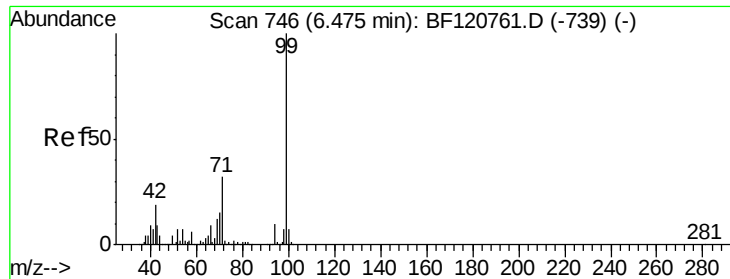


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 98.494 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MS

Tot Ion: 99 Resp: 1557794

Ion Ratio Lower Upper

99 100

42 17.2 15.4 23.0

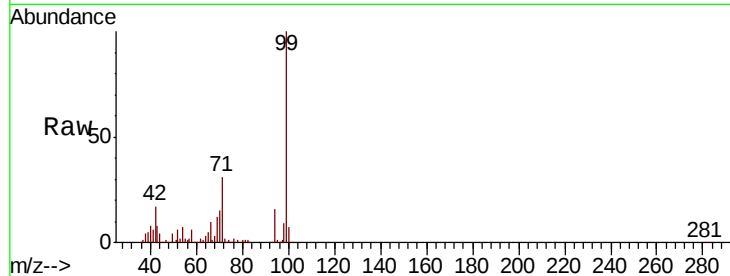
71 31.2 25.9 38.9

Manual Integrations

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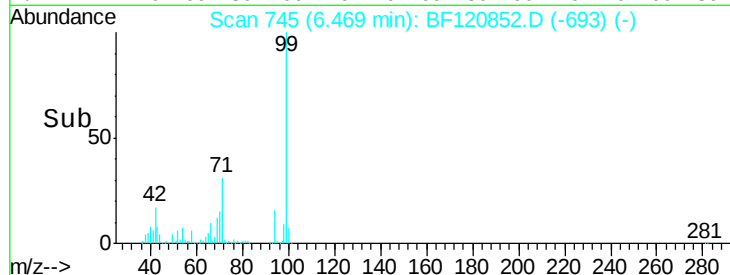
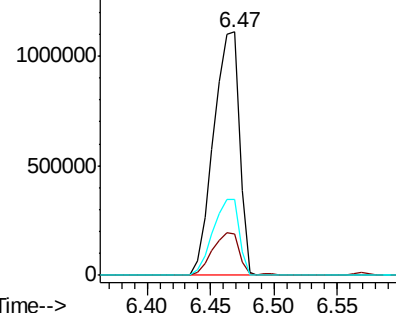
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.826 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

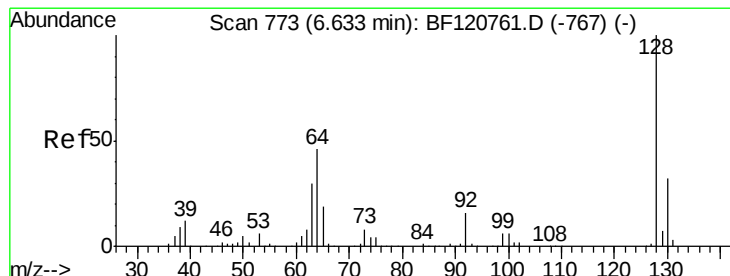
Tgt Ion: 128 Resp: 617442

Ion Ratio Lower Upper

128 100

130 33.3 12.1 52.1

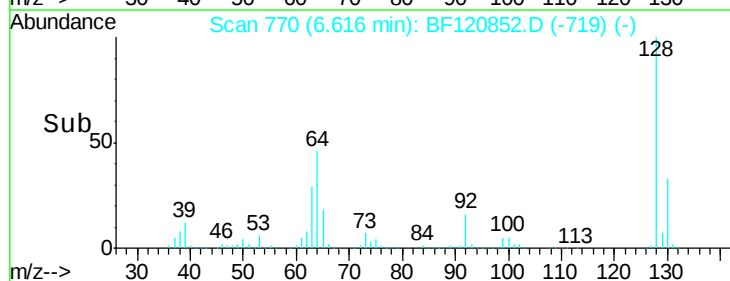
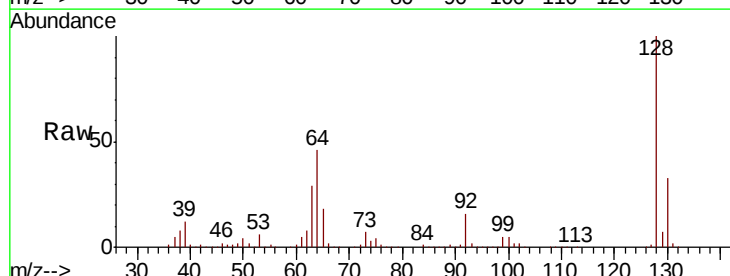
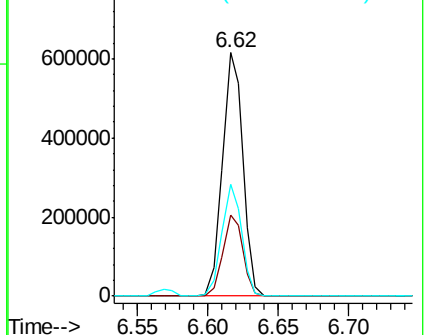
64 45.7 26.3 66.3

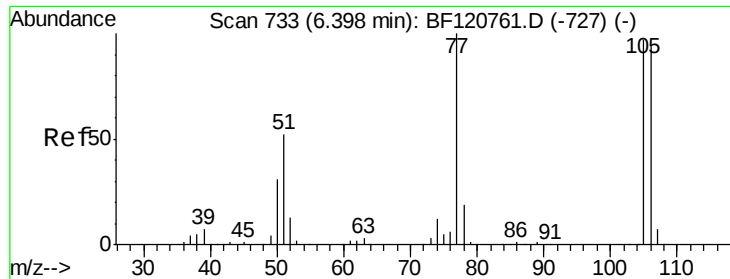


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 11.275 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :

BNA_F

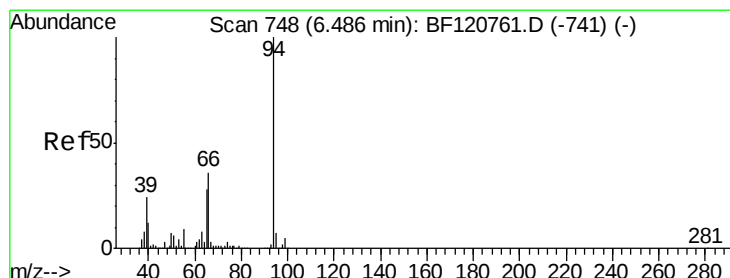
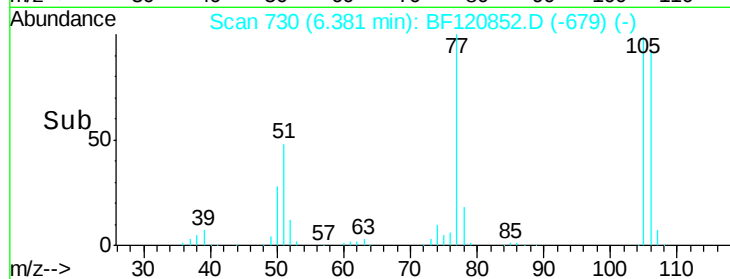
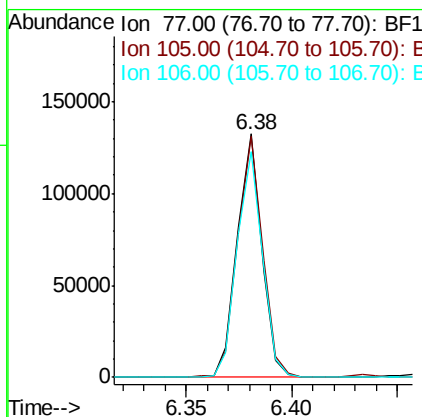
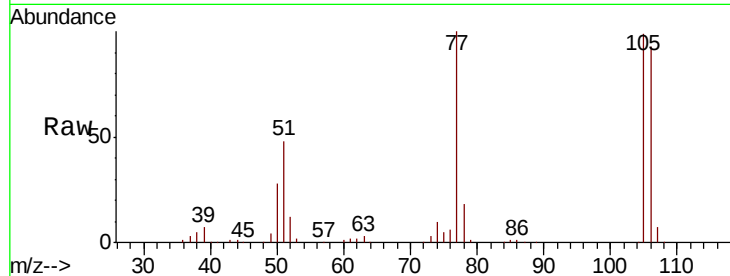
ClientSampleId :

EO-02-070920MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	98.8		76.8	116.8	
106	92.5		73.8	113.8	

Manual Integrations
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#10

Phenol

Concen: 38.288 ng

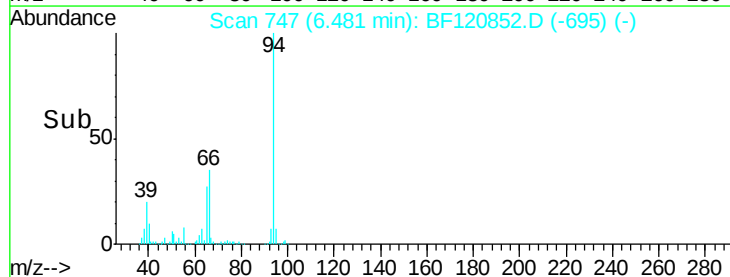
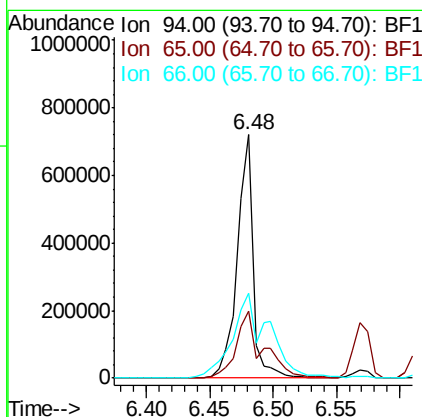
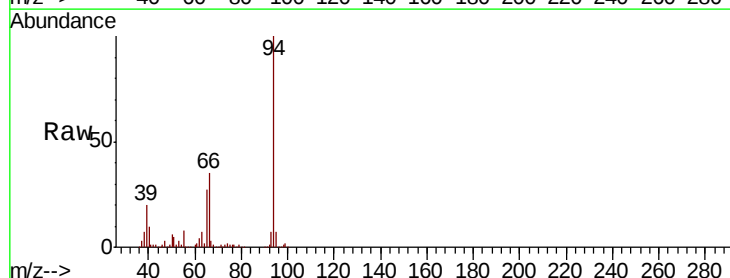
RT: 6.48 min Scan# 747

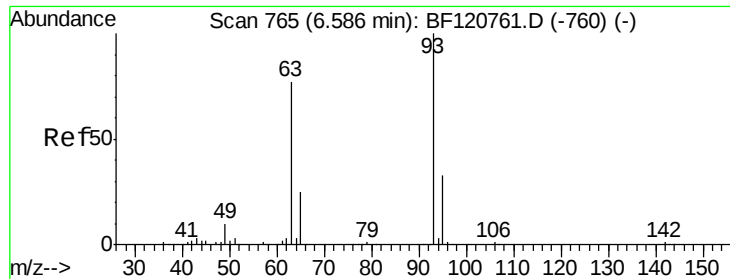
Delta R.T. 0.01 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	27.3		8.4	48.4	
66	35.0		16.5	56.5	





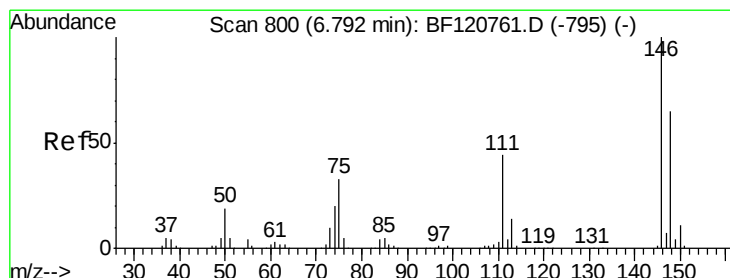
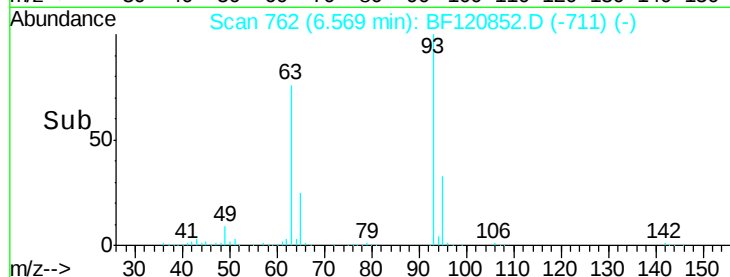
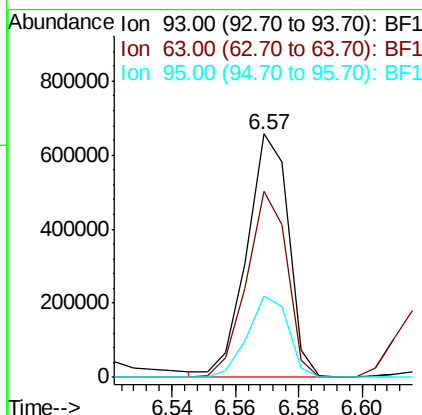
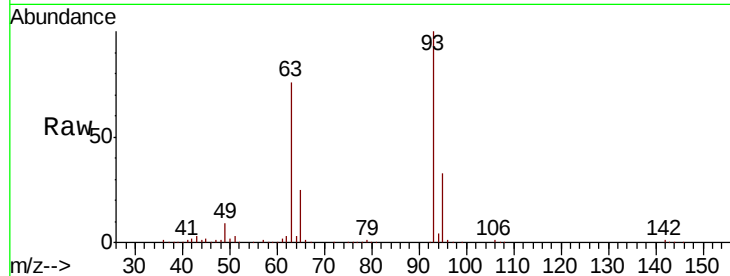
#11
bis(2-Chloroethyl)ether
Concen: 45.182 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	76.3	56.9	96.9	
95	33.1	13.3	53.3	

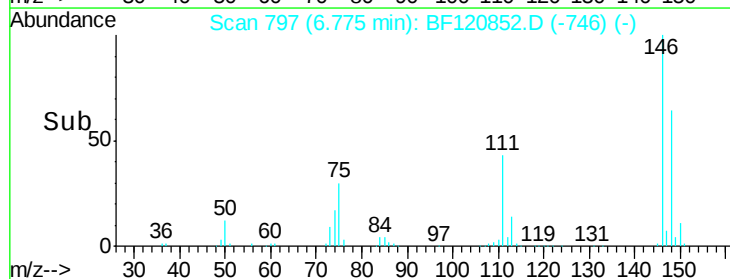
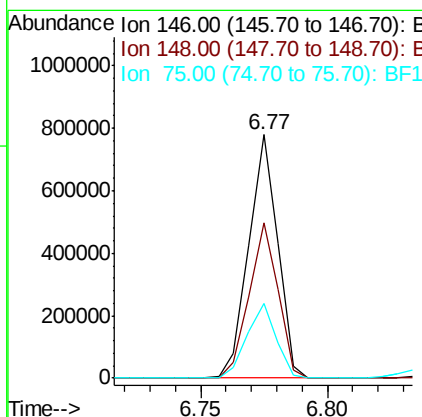
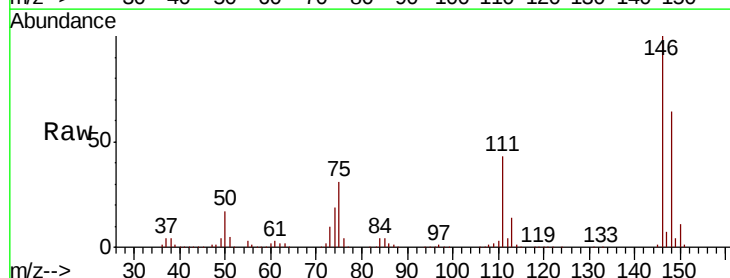
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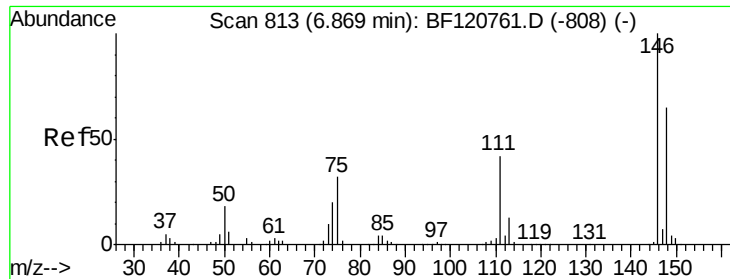
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.733 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.9	52.1	78.1	
75	30.7	26.0	39.0	





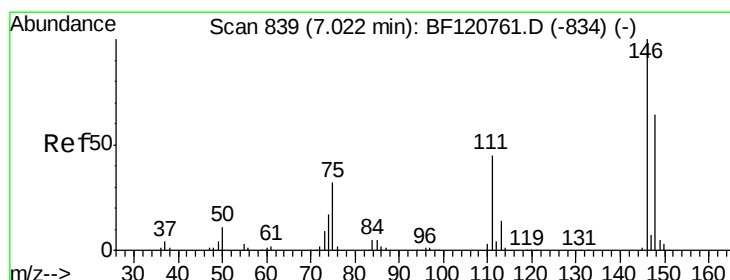
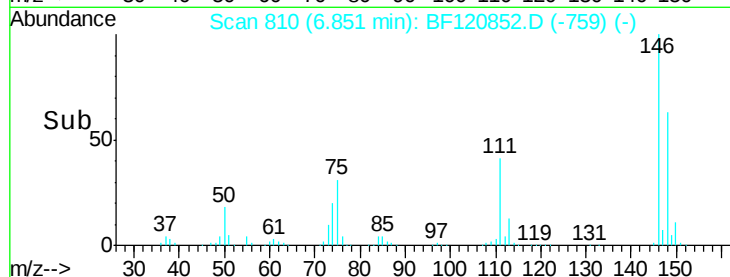
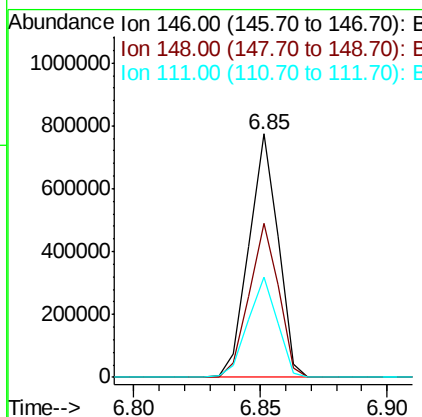
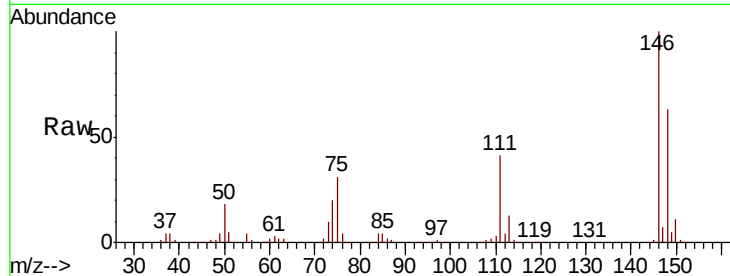
#13
 1,4-Dichlorobenzene
 Concen: 42.869 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.6
111	41.2	33.7	50.5

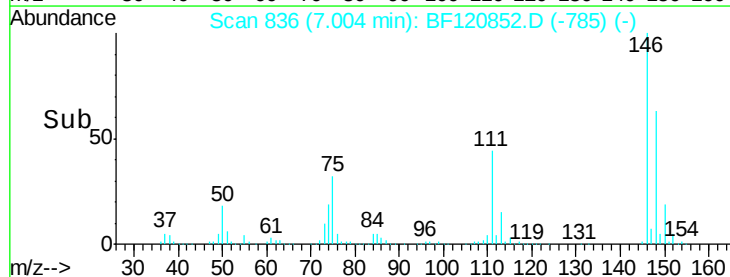
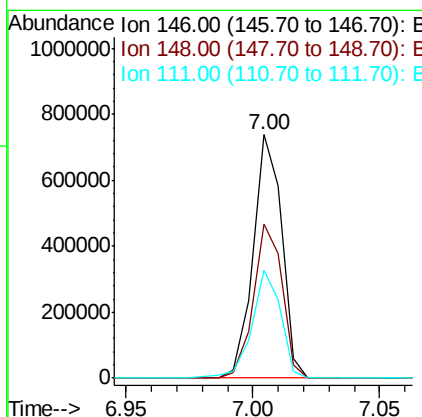
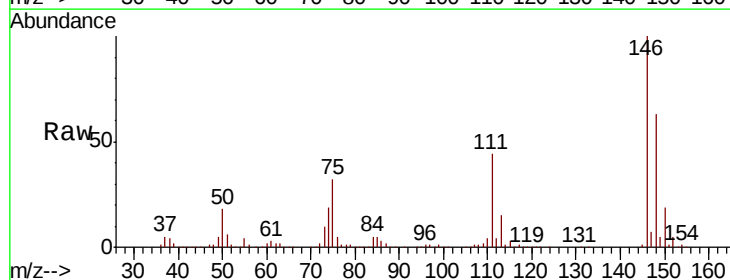
Manual Integrations
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#14
 1,2-Dichlorobenzene
 Concen: 41.955 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.0	76.4
111	44.4	35.7	53.5





#15

Benzyl Alcohol

Concen: 41.429 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :

BNA_F

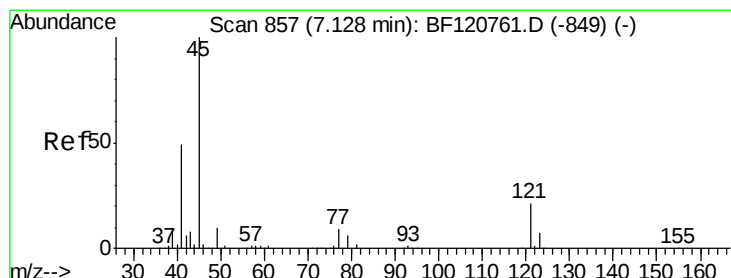
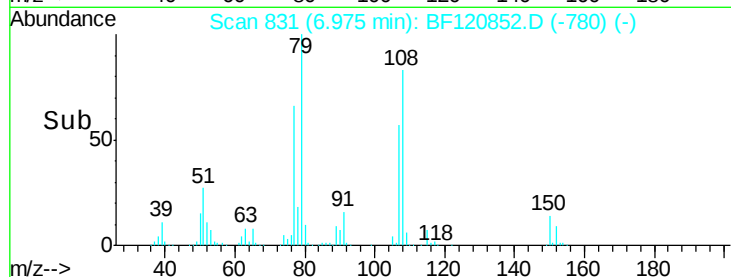
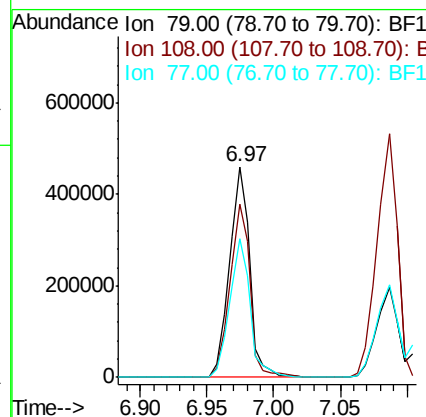
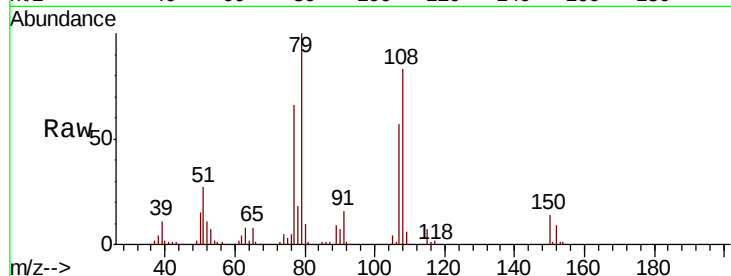
ClientSampleId :

EO-02-070920MS

Tot Ion:	79	Resp:	492321
Ion Ratio	Lower	Upper	
79	100		
108	82.5	62.4	93.6
77	65.7	52.7	79.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.820 ng

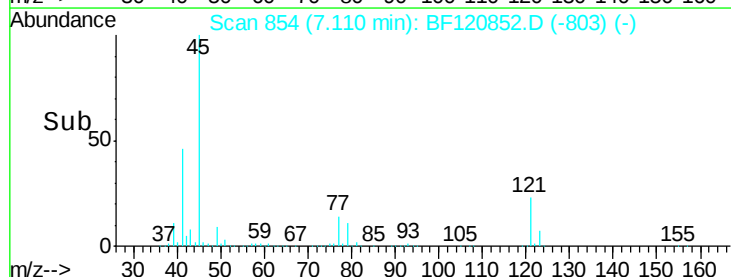
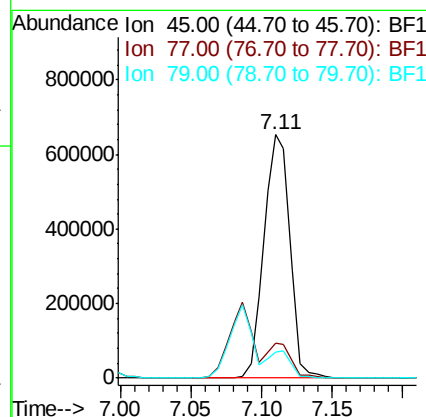
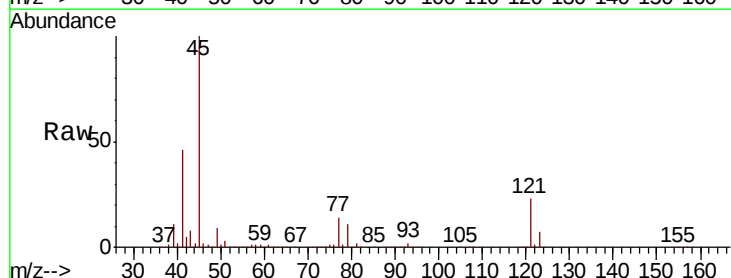
RT: 7.11 min Scan# 854

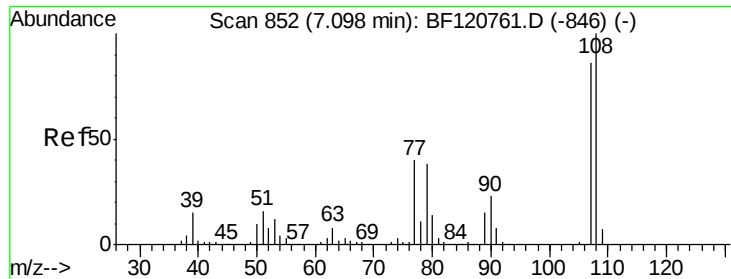
Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Tgt Ion:	45	Resp:	842982
Ion Ratio	Lower	Upper	
45	100		
77	14.4	0.0	33.7
79	10.7	0.0	30.5





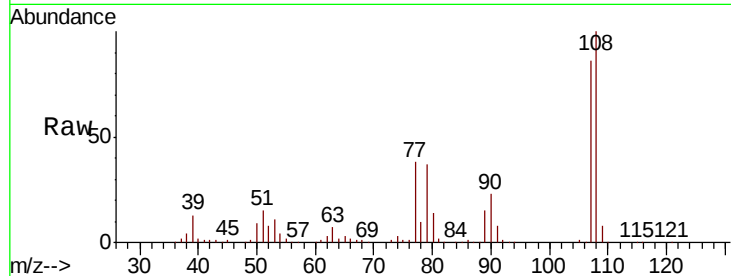
#17
2-Methylphenol
Concen: 40.676 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

Tot Ion:	107	Resp:	479810
Ion Ratio	Lower	Upper	
107	100		
108	116.0	93.1	139.7
77	44.3	37.3	55.9
79	43.0	35.3	52.9

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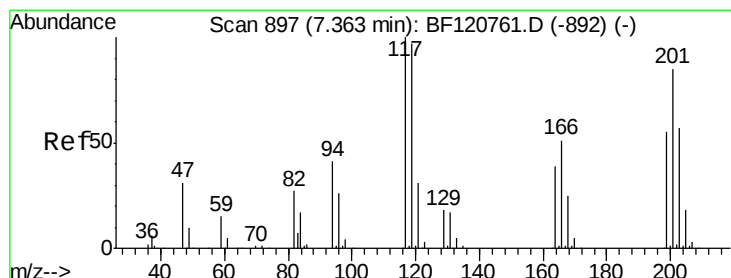
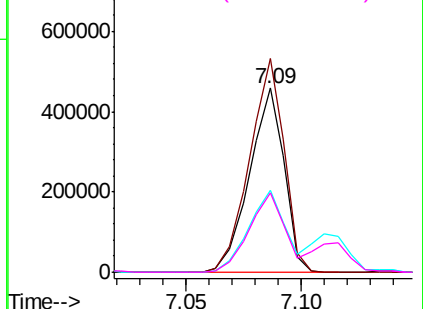
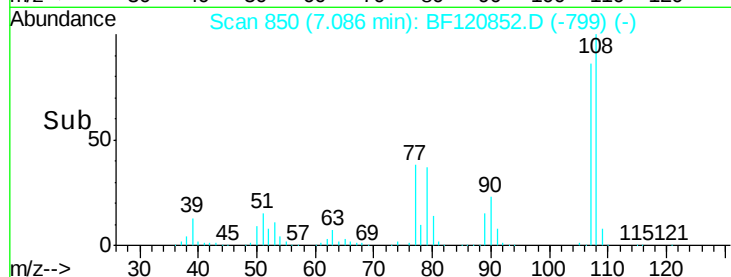
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

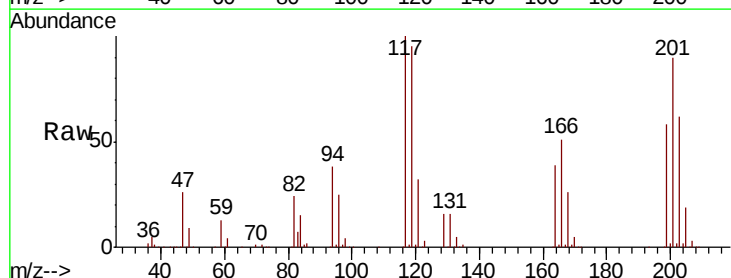
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.754 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion:	117	Resp:	233594
Ion Ratio	Lower	Upper	
117	100		
119	95.0	77.9	116.9
201	89.5	68.3	102.5

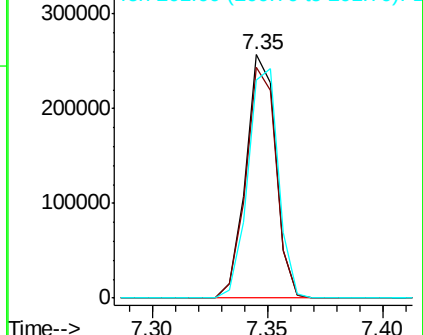
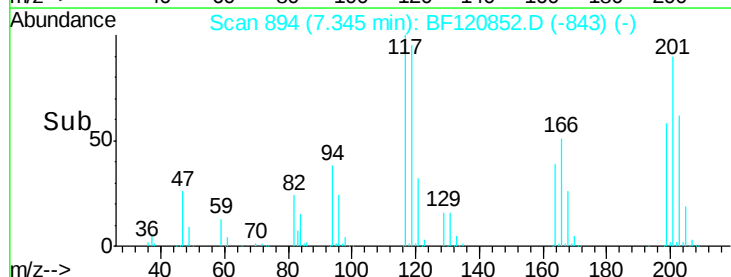


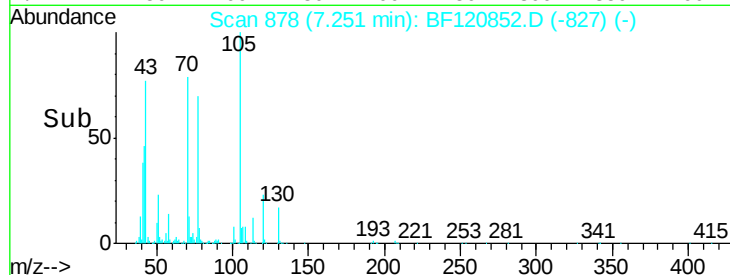
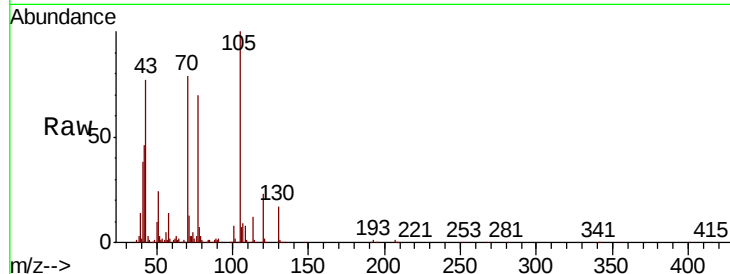
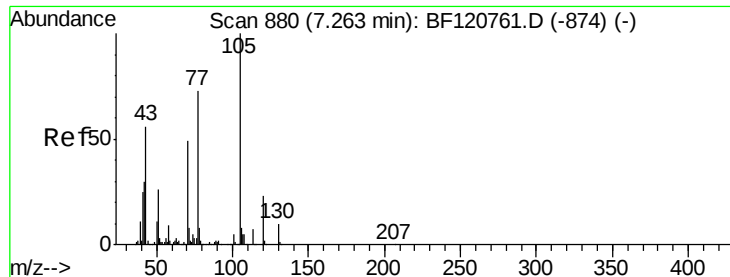
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





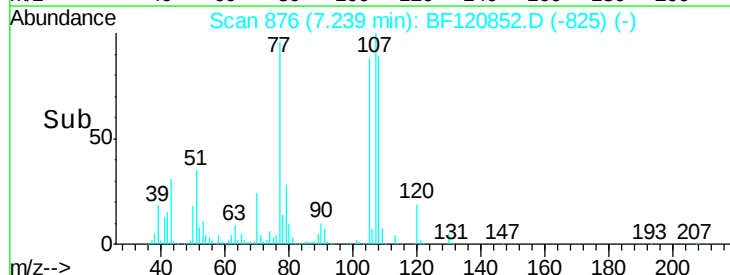
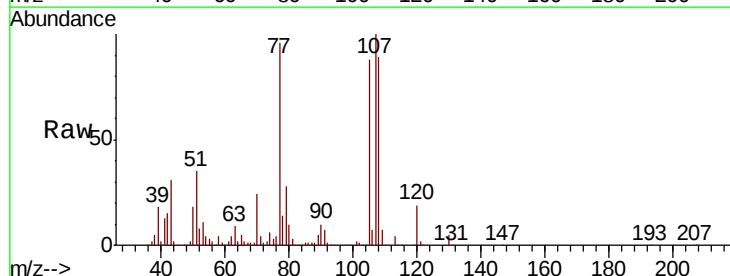
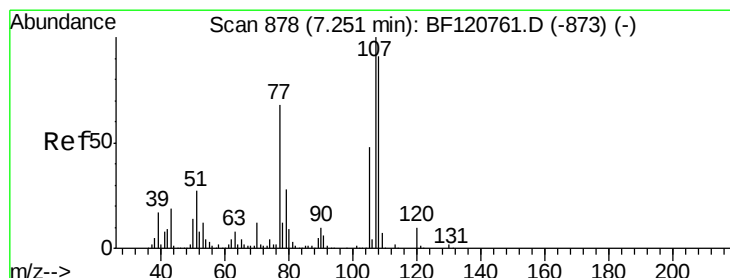
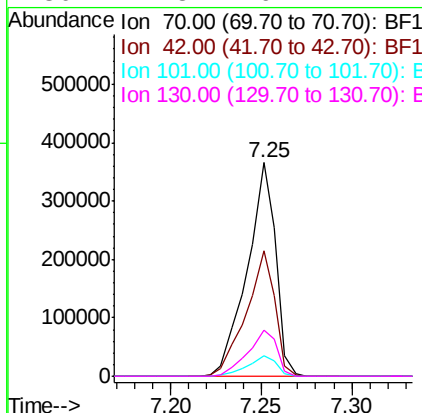
#19
n-Nitroso-di-n-propylamine
Concen: 41.827 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	58.5	50.3	75.5		
101	9.7	7.5	11.3		
130	21.8	16.1	24.1		

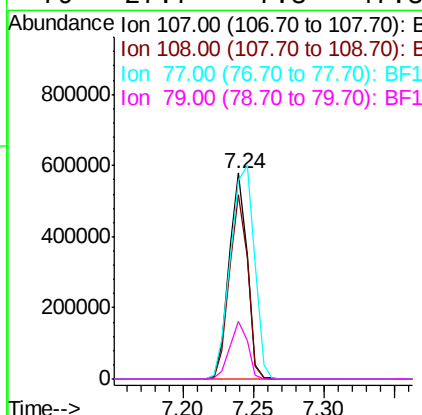
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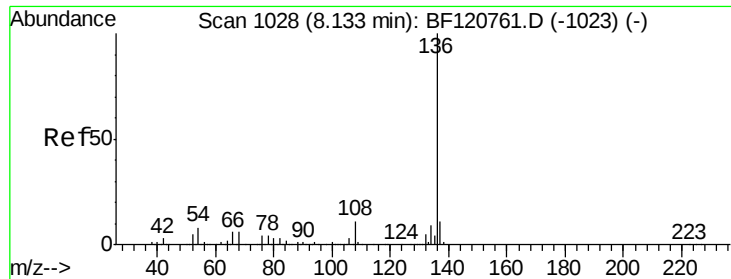
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#20
3+4-Methylphenols
Concen: 35.734 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.2	70.9	110.9		
77	96.5	48.3	88.3		
79	27.7	7.8	47.8		





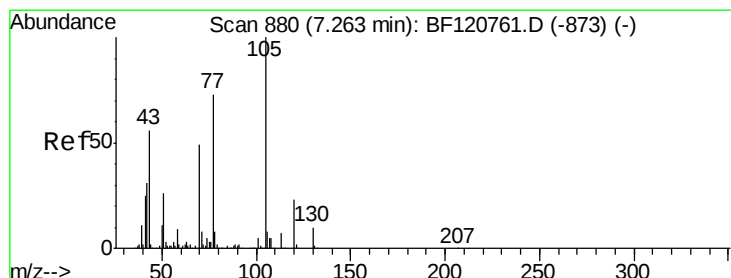
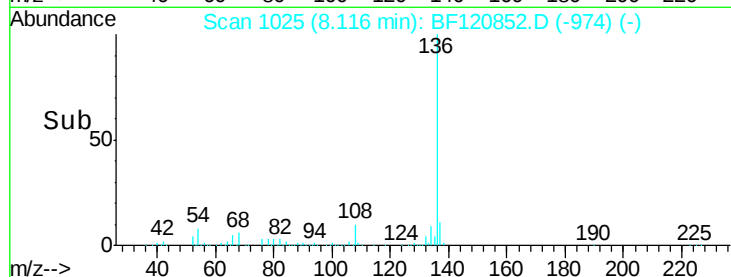
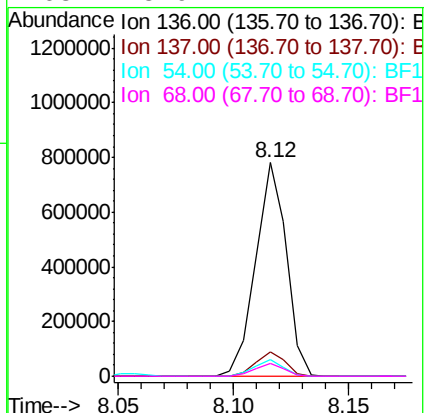
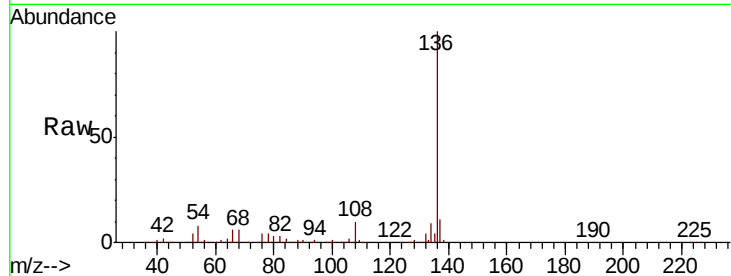
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	9.0	13.6	
54	7.8	6.2	9.4	
68	5.9	4.7	7.1	

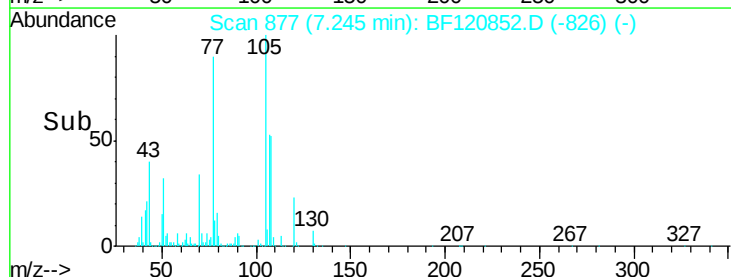
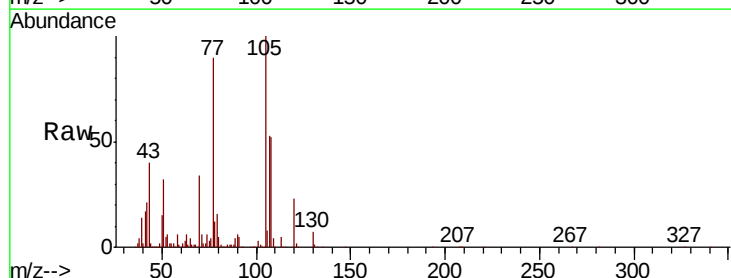
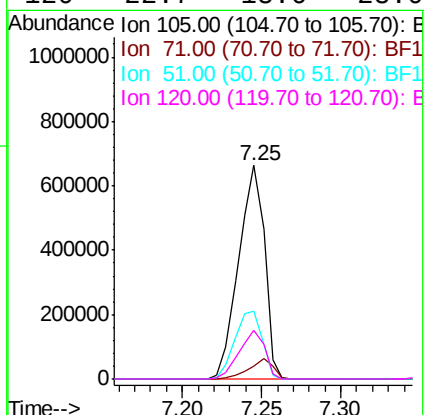
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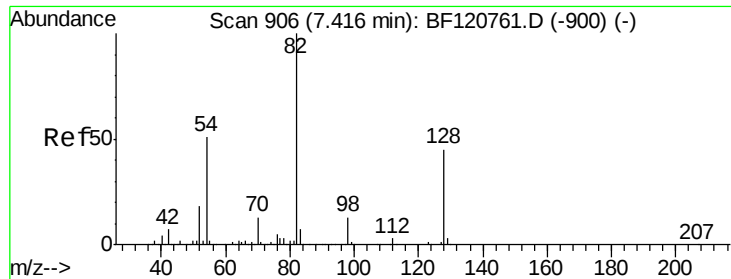
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#22
Acetophenone
Concen: 41.481 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.8	6.5	9.7#	
51	31.7	21.0	31.4#	
120	22.7	18.6	28.0	





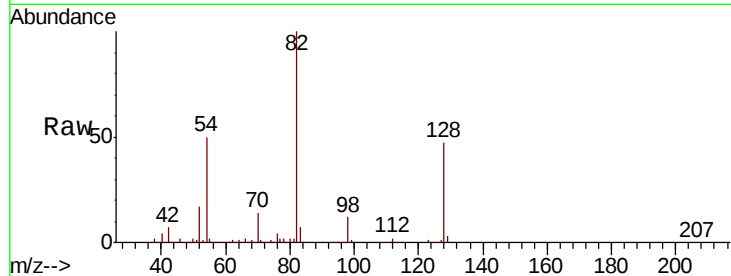
#23
Nitrobenzene-d5
Concen: 98.811 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

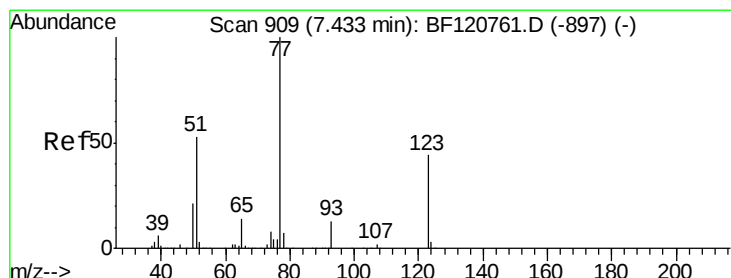
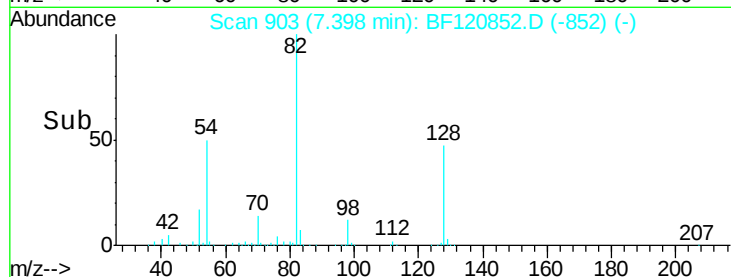
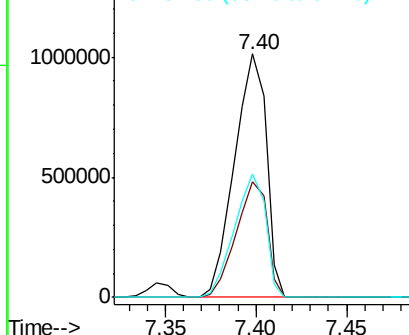
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	35.7	53.5
54	50.4	40.9	61.3

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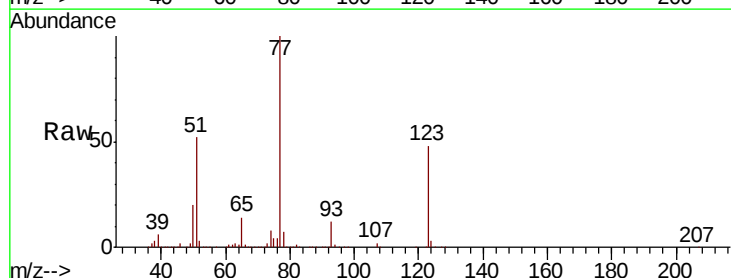


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

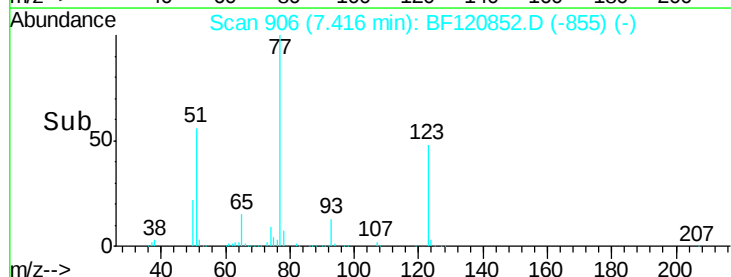
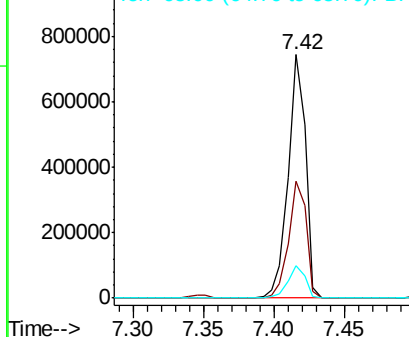


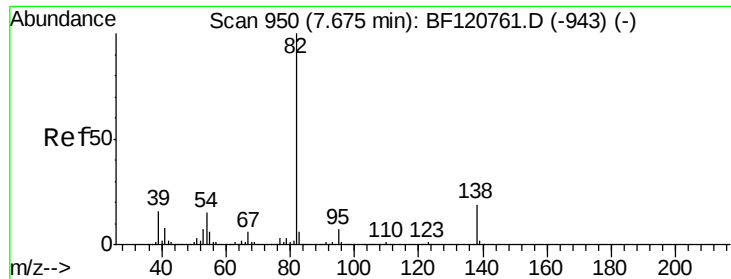
#24
Nitrobenzene
Concen: 45.309 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.8	36.1	54.1
65	13.5	11.0	16.4



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





#25

Isophorone

Concen: 43.327 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MS

Tot Ion: 82 Resp: 1170554

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

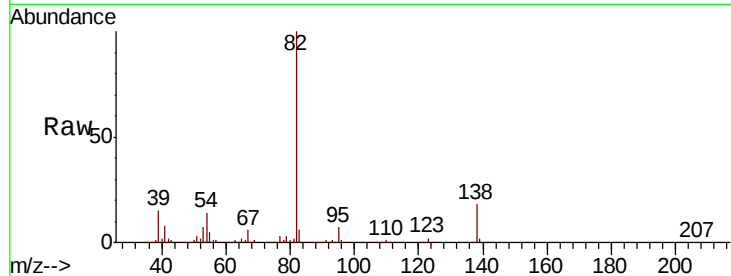
138 18.2 15.0 22.4

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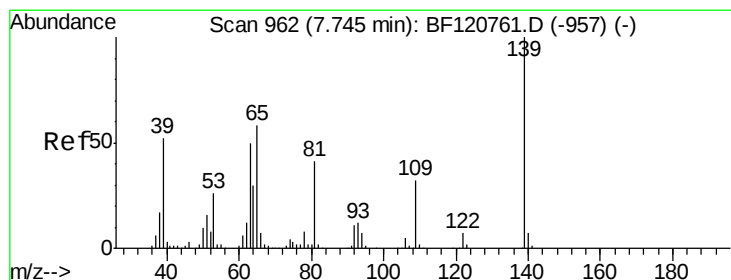
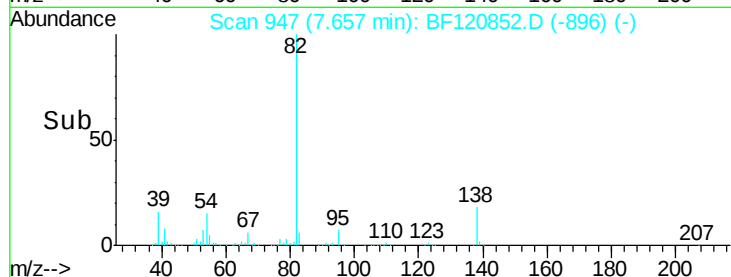
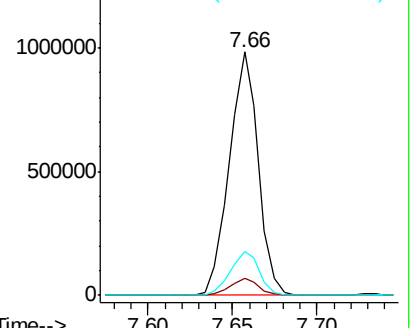
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 51.782 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

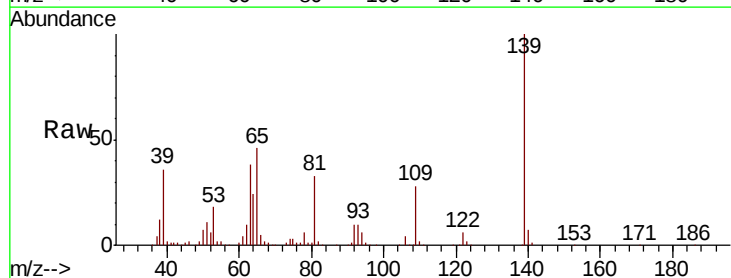
Tgt Ion: 139 Resp: 308221

Ion Ratio Lower Upper

139 100

109 28.4 25.3 37.9

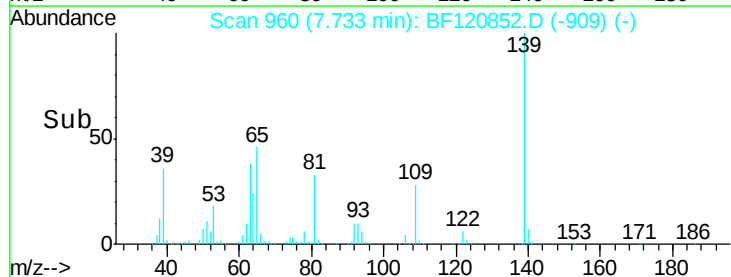
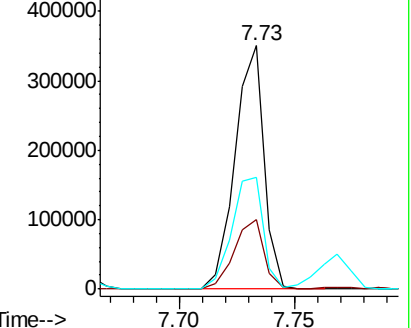
65 45.9 46.2 69.2#

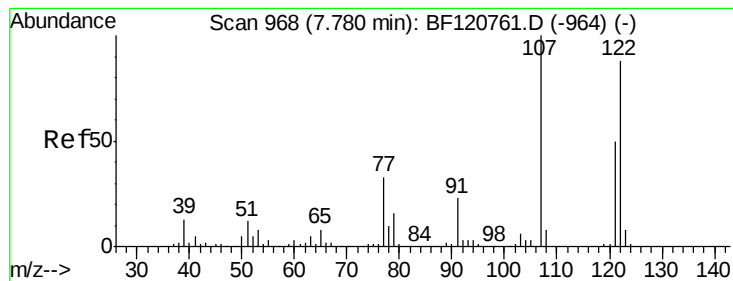


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





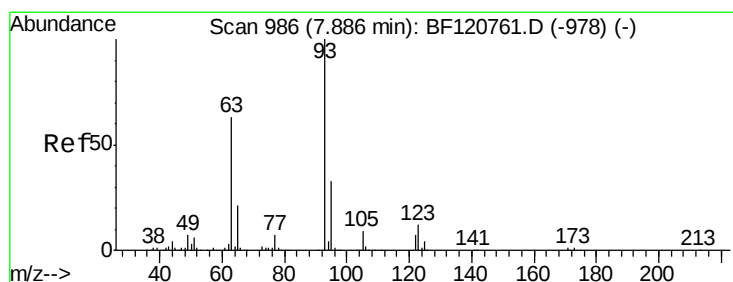
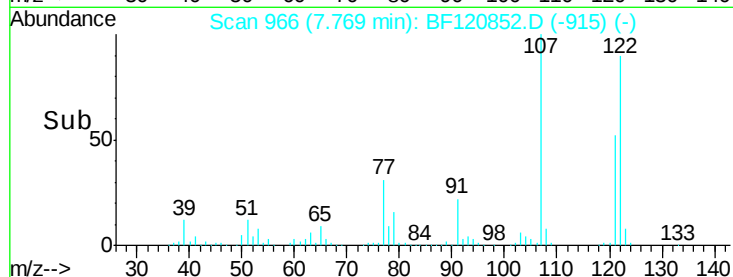
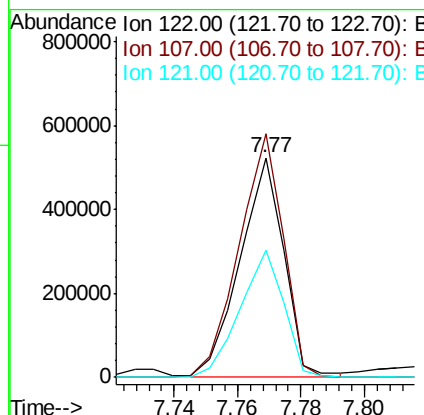
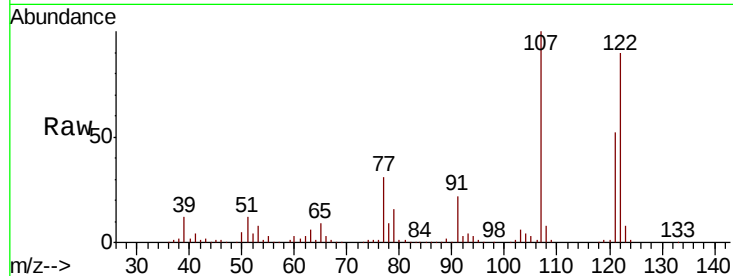
#27
2,4-Dimethylphenol
Concen: 46.450 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.9	90.7	136.1
121	57.9	45.4	68.0

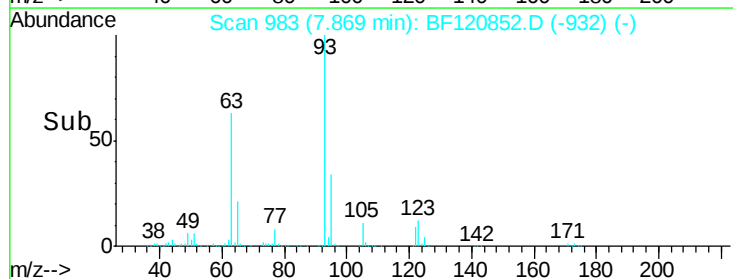
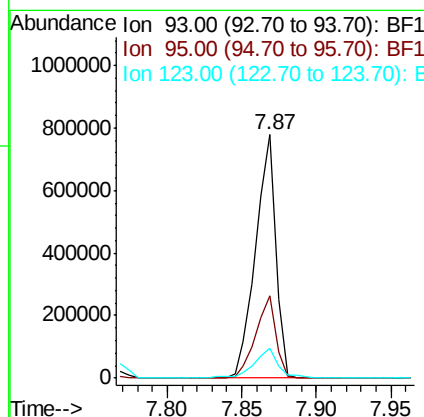
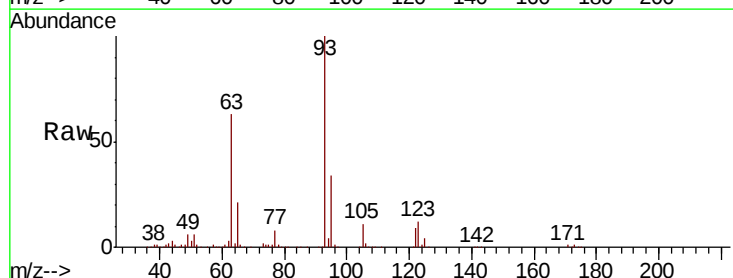
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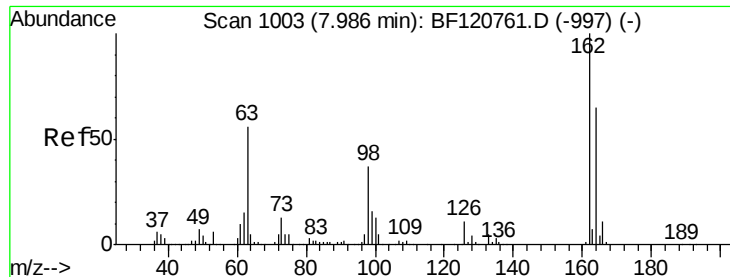
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 45.428 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.4	39.6
123	12.2	10.2	15.2





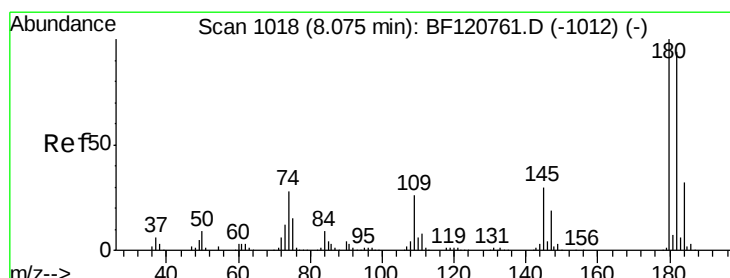
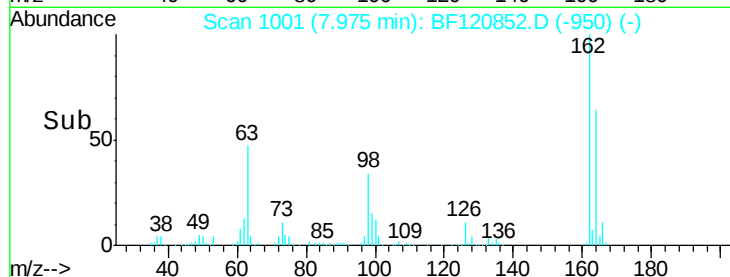
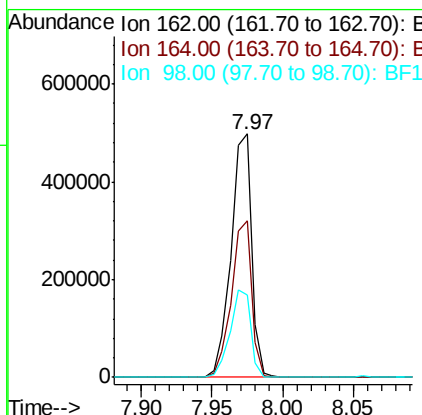
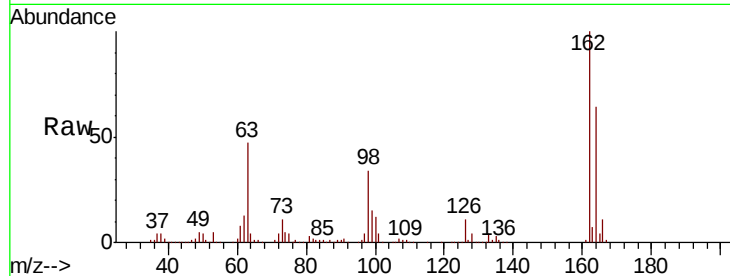
#29
2,4-Dichlorophenol
Concen: 47.010 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	506134		
164	64.5	45.2	85.2	
98	33.7	17.0	57.0	

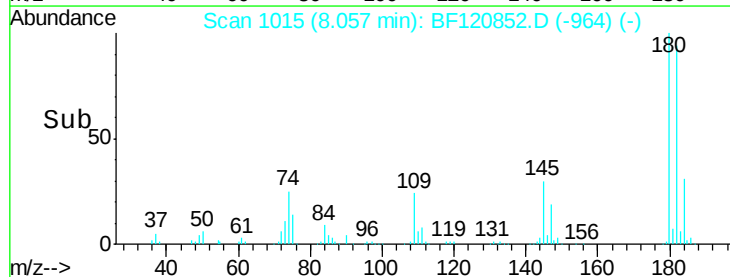
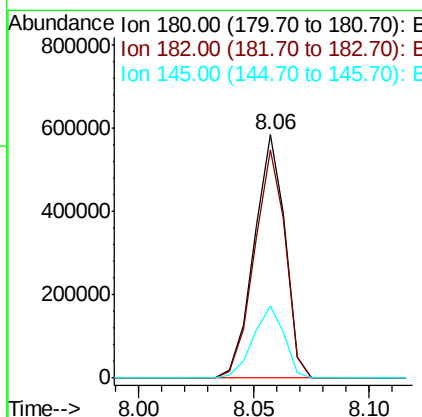
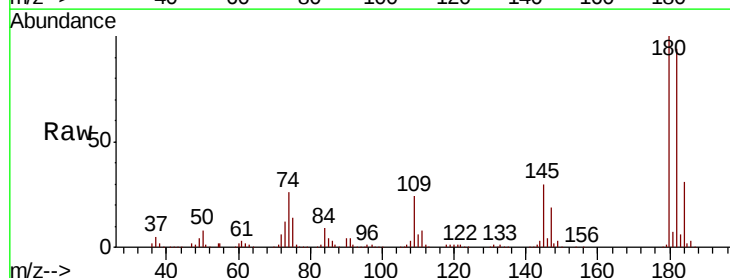
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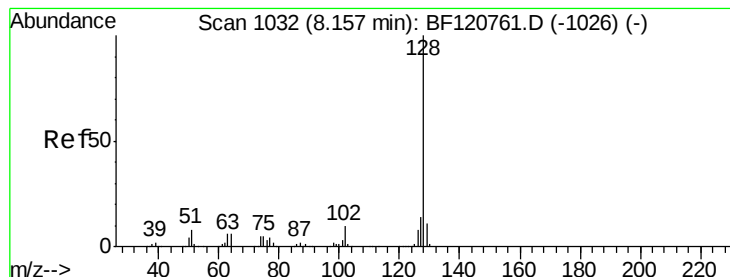
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#30
1,2,4-Trichlorobenzene
Concen: 45.016 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	544371		
182	93.9	75.5	113.3	
145	29.6	24.1	36.1	





#31

Naphthalene

Concen: 43.434 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MS

Tot Ion:128 Resp: 1684770

Ion Ratio Lower Upper

128 100

129 11.6 9.2 13.8

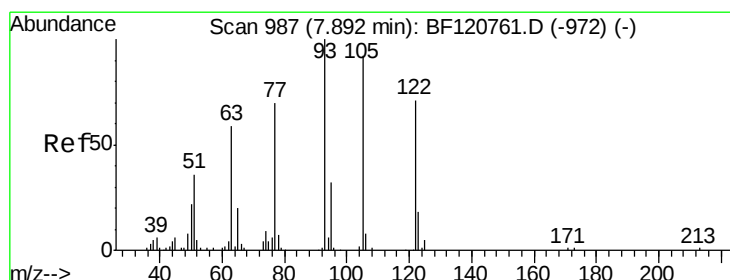
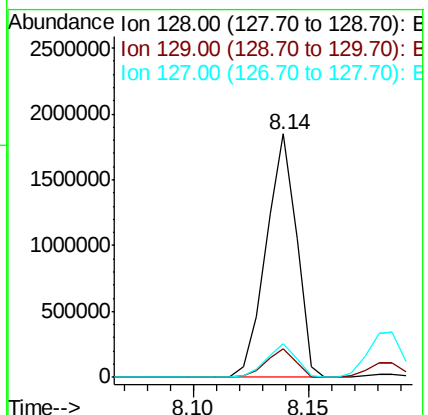
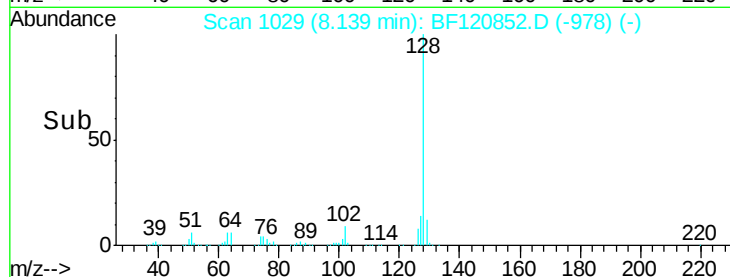
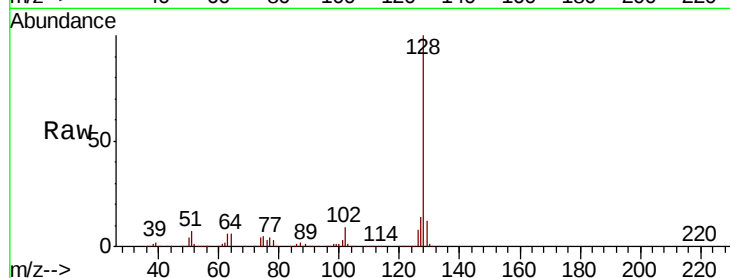
127 13.9 11.1 16.7

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#32

Benzoic acid

Concen: 43.746 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

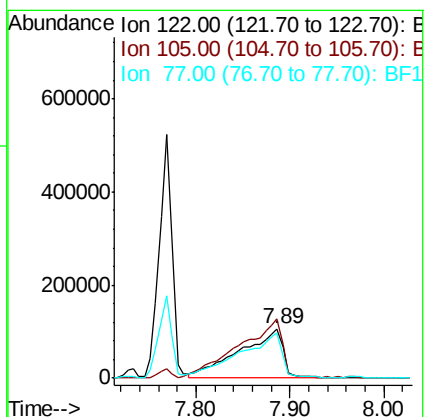
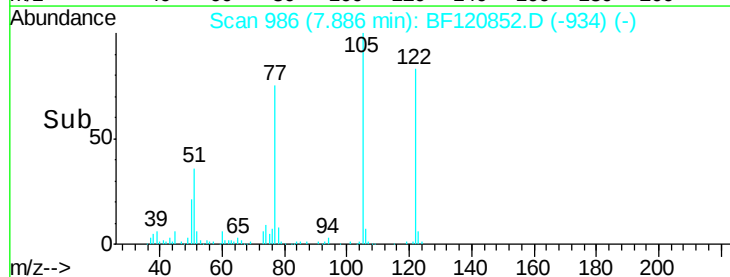
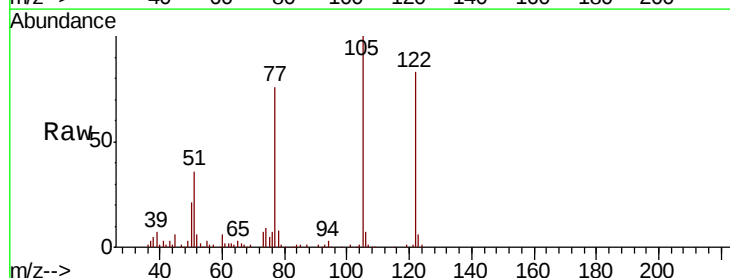
Tgt Ion:122 Resp: 330472

Ion Ratio Lower Upper

122 100

105 119.9 105.8 145.8

77 91.2 77.3 117.3





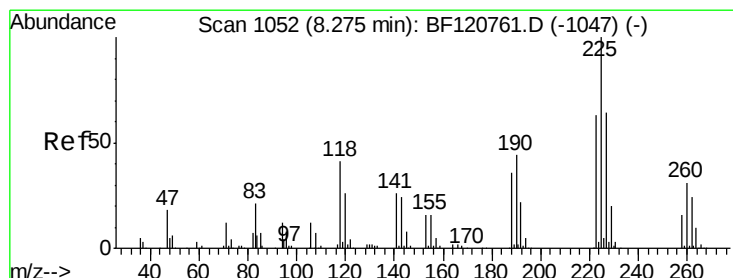
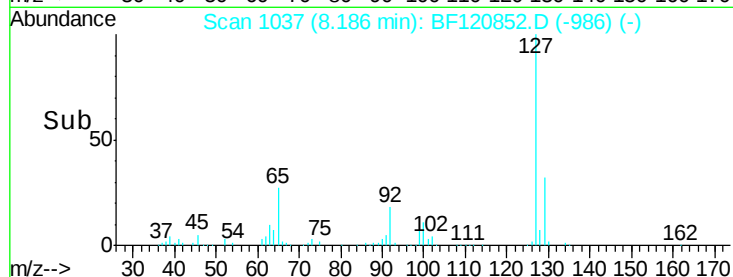
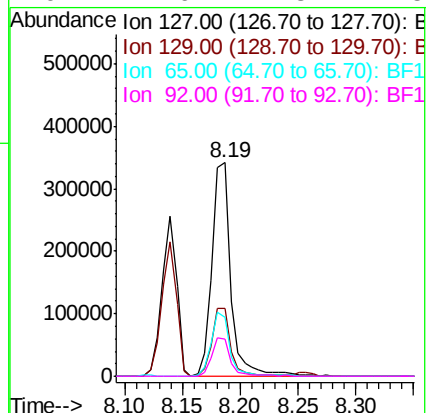
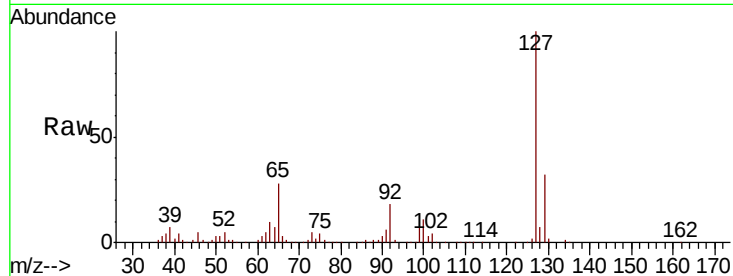
#33
4-Chloroaniline
Concen: 23.587 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.6	39.8		
65	27.7	22.7	34.1		
92	17.6	14.3	21.5		

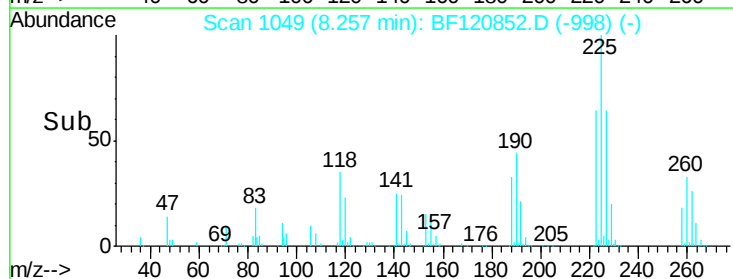
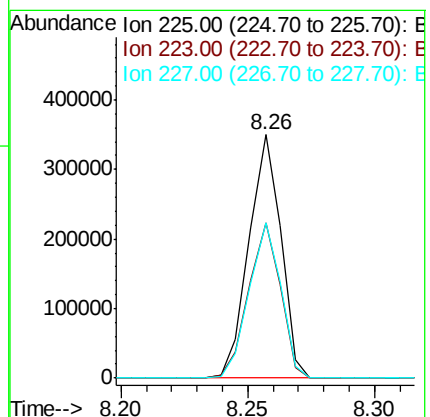
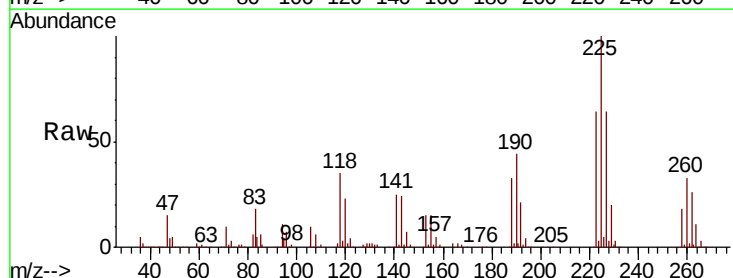
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#34
Hexachlorobutadiene
Concen: 42.432 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	50.6	76.0		
227	64.0	51.4	77.2		





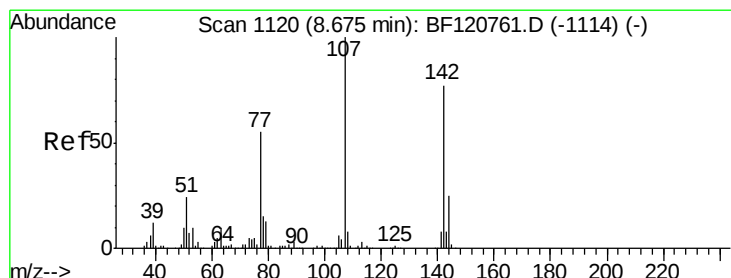
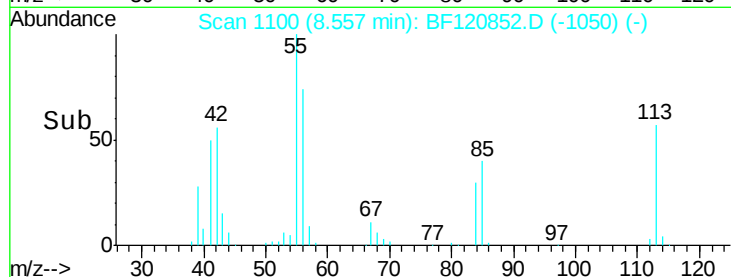
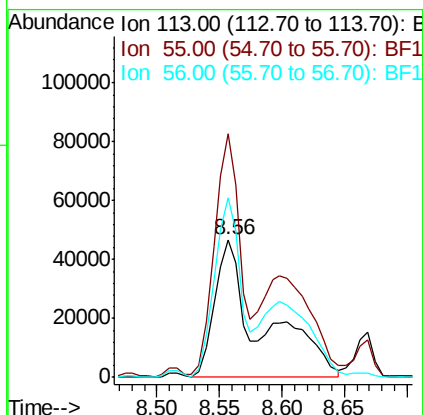
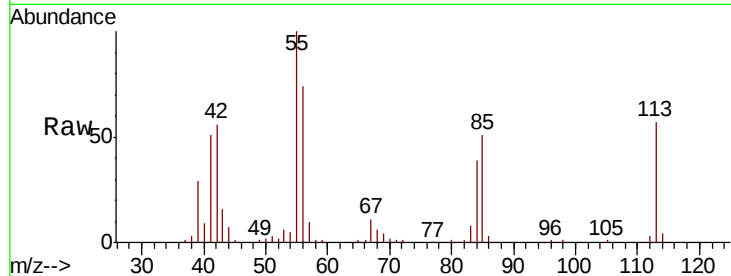
#35
 Caprolactam
 Concen: 38.716 ng/ml
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Instrument :
 BNA_F
 ClientSampleID :
 EO-02-070920MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	176.7	168.3	208.3
56	130.1	118.8	158.8

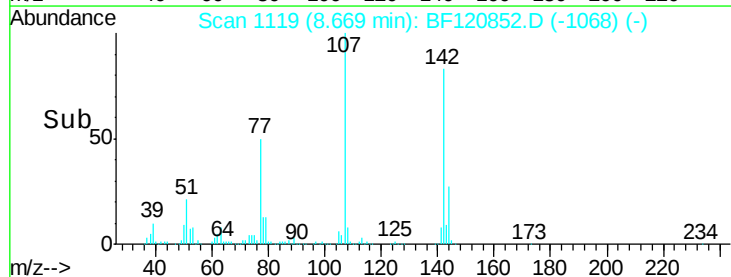
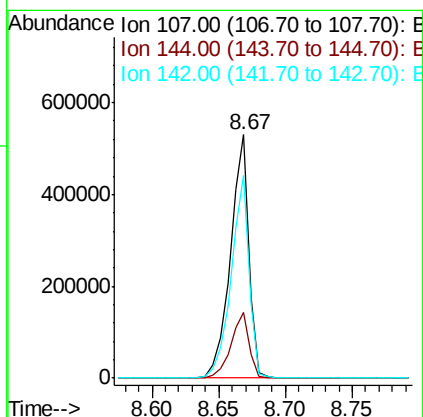
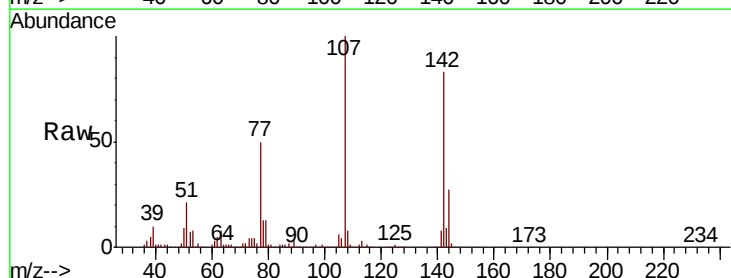
Manual Integrations
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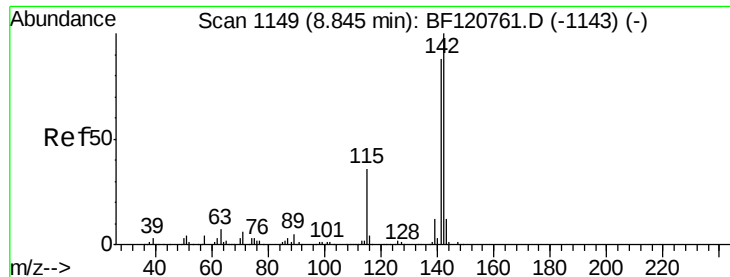
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#36
 4-Chloro-3-methylphenol
 Concen: 45.994 ng/ml
 RT: 8.67 min Scan# 1119
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.2	19.7	29.5
142	83.3	61.2	91.8





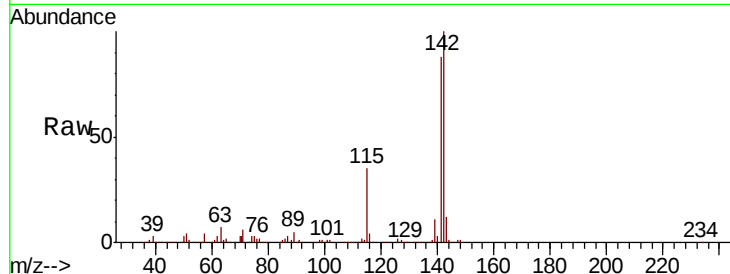
#37
2-Methylnaphthalene
Concen: 45.049 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.2	105.4
115	35.3	29.0	43.4

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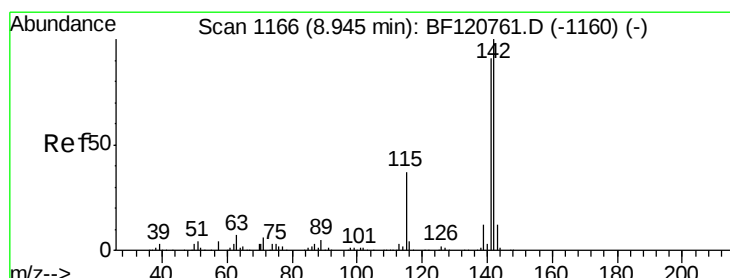
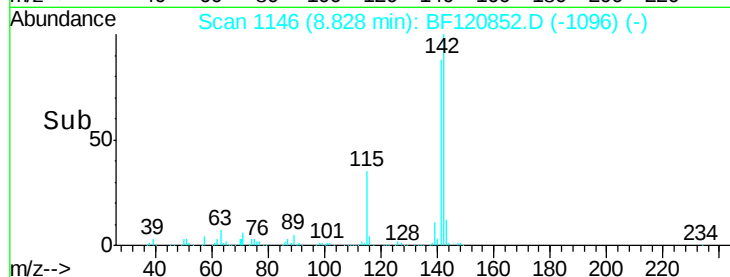
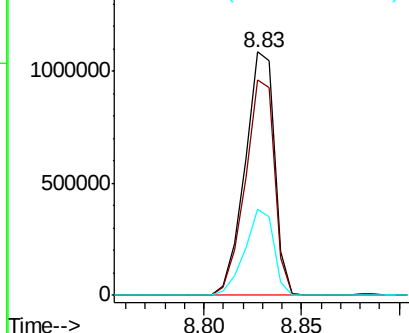


Abundance

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: 45.654 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

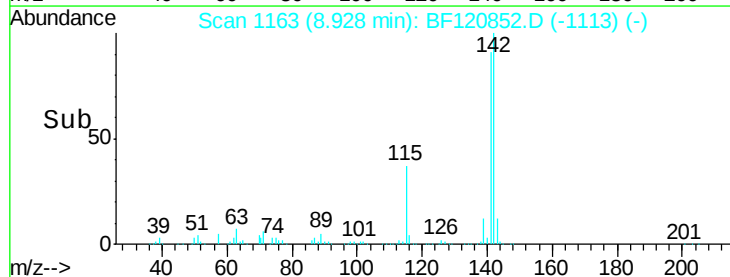
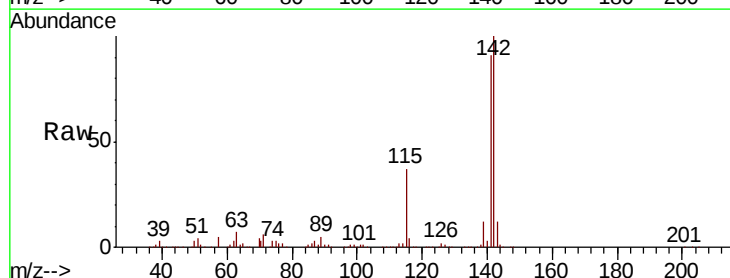
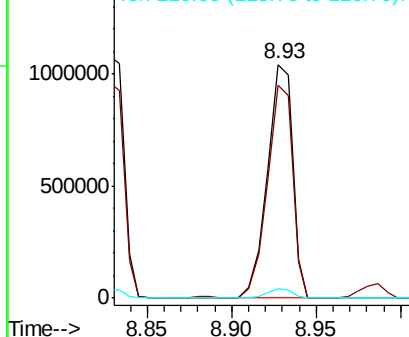
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.5	108.7
116	4.0	3.1	4.7

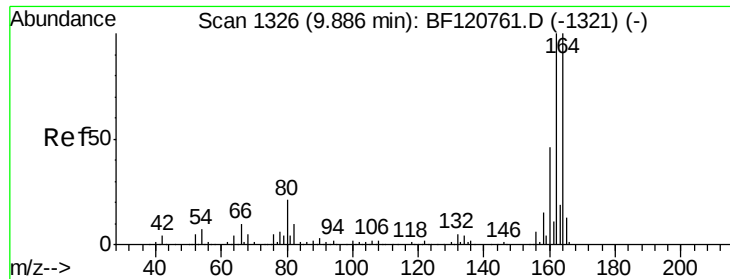
Abundance

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





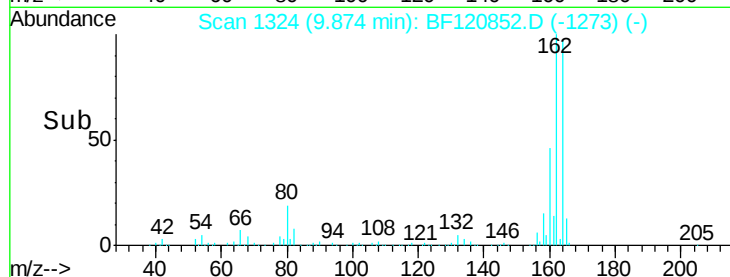
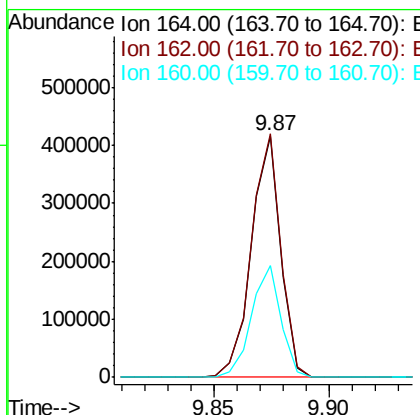
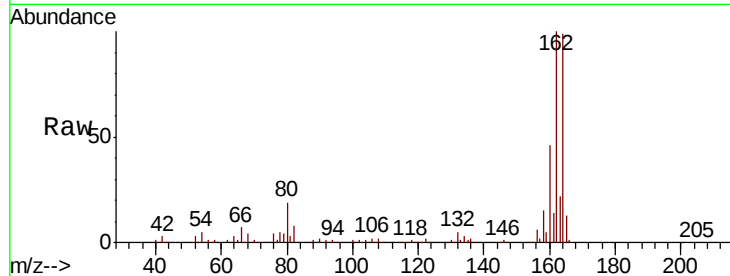
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.2	120.2
160	46.6	36.9	55.3

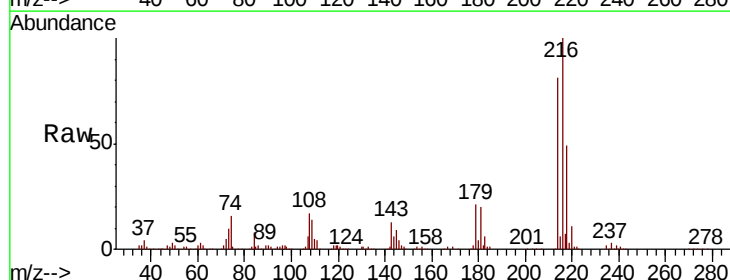
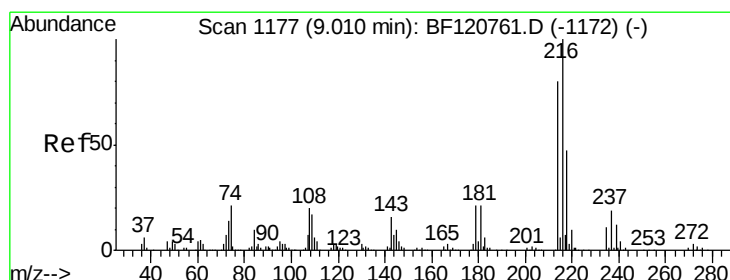
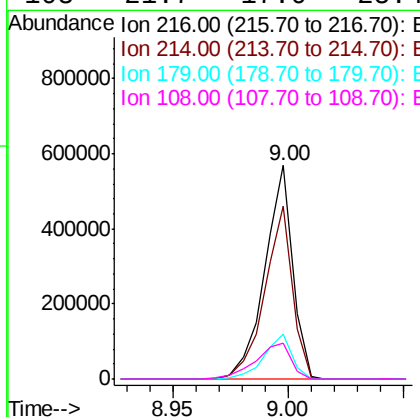
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.892 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.7	95.5
179	20.9	16.7	25.1
108	21.7	17.0	25.4





#41

Hexachlorocyclopentadiene

Concen: 74.462 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :

BNA_F

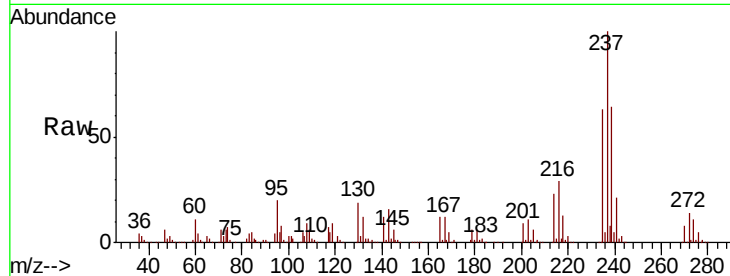
ClientSampleId :

EO-02-070920MS

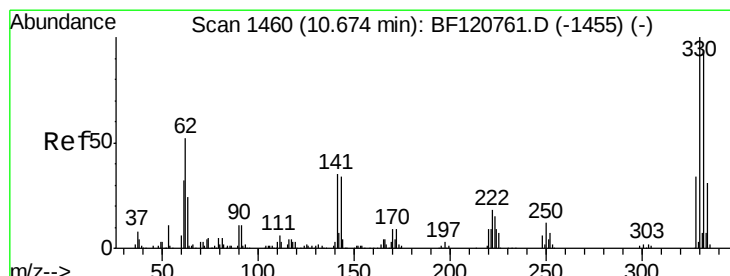
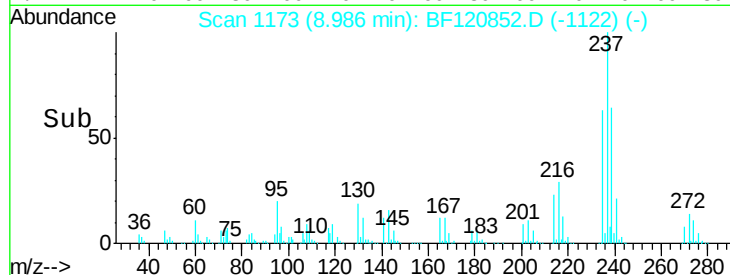
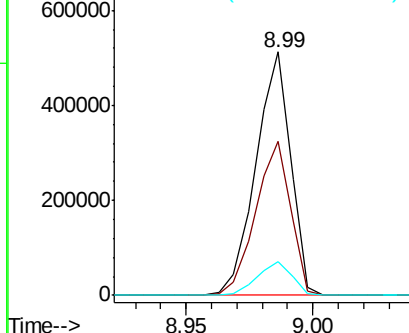
Tot Ion:	237	Resp:	491483
Ion Ratio	Lower	Upper	
237	100		
235	63.1	42.1	82.1
272	13.7	0.0	33.4

Manual Integrations
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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: 140.039 ng

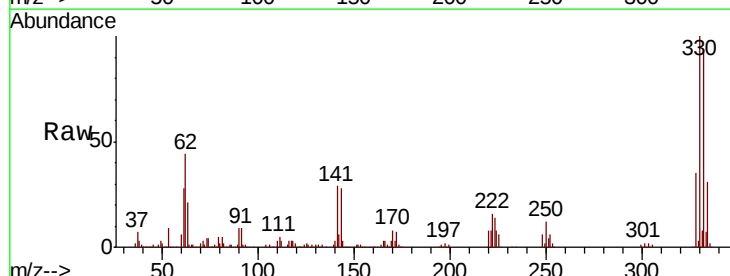
RT: 10.66 min Scan# 1458

Delta R.T. -0.00 min

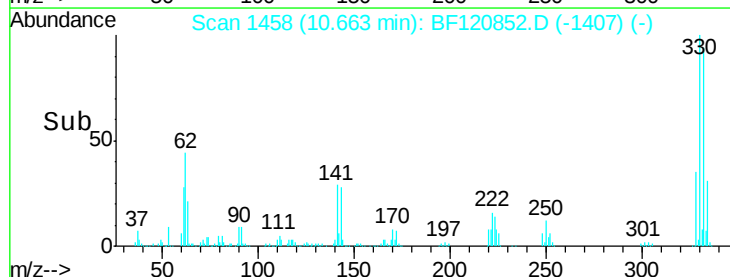
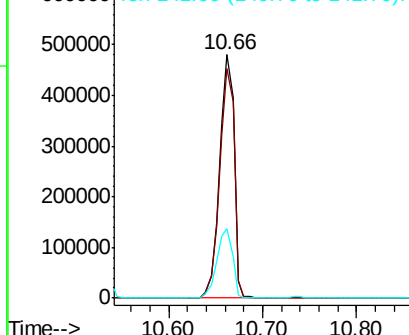
Lab File: BF120852.D

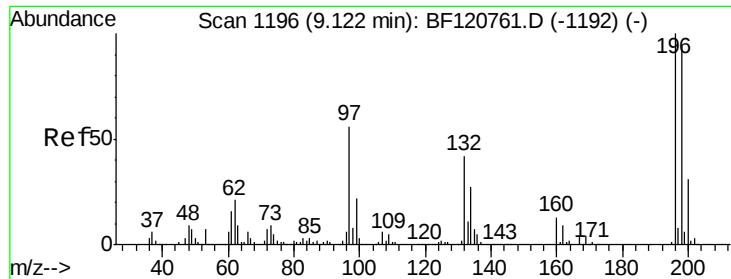
Acq: 13 Jul 2020 14:43

Tgt Ion:	330	Resp:	520040
Ion Ratio	Lower	Upper	
330	100		
332	95.2	75.8	113.6
141	31.2	29.7	44.5



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





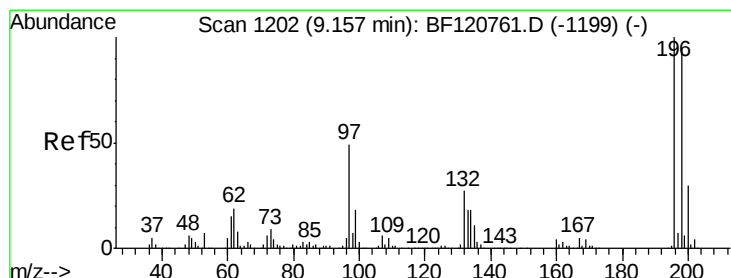
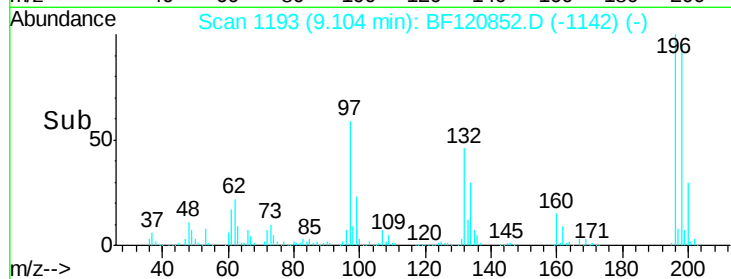
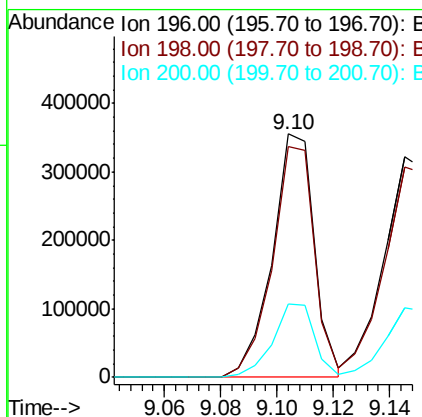
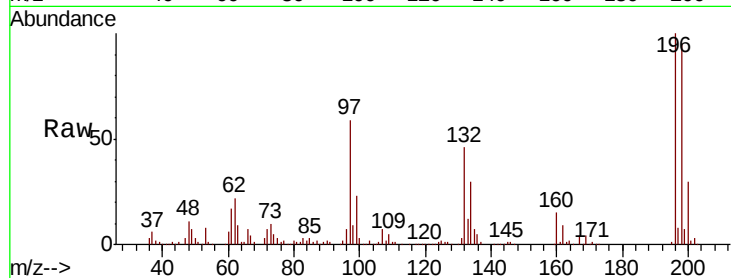
#43
 2,4,6-Trichlorophenol
 Concen: 48.184 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MS

Tot Ion:	196	Resp:	366793
Ion Ratio	Lower	Upper	
196	100		
198	94.7	75.3	112.9
200	29.9	24.4	36.6

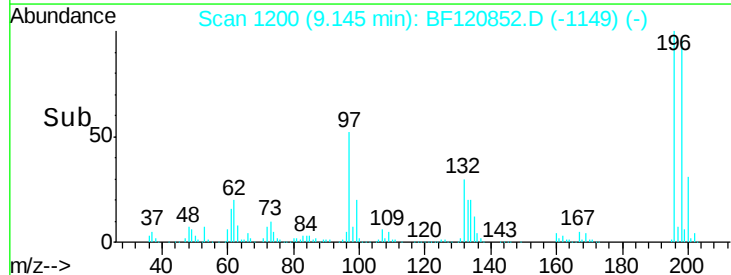
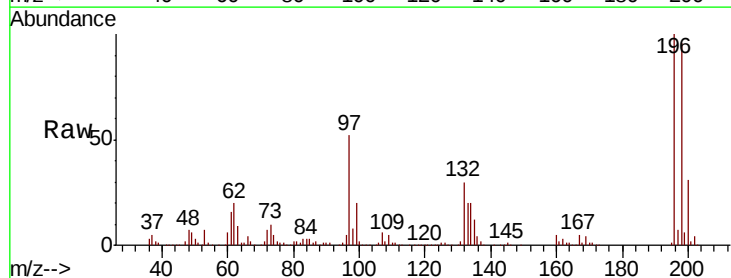
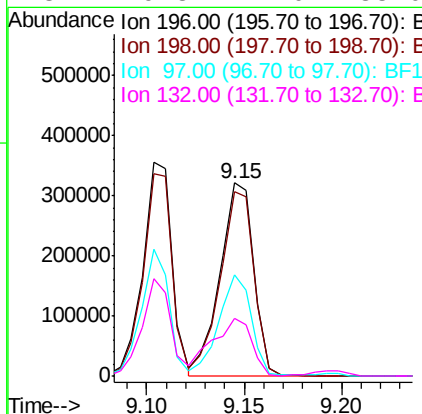
Manual Integrations
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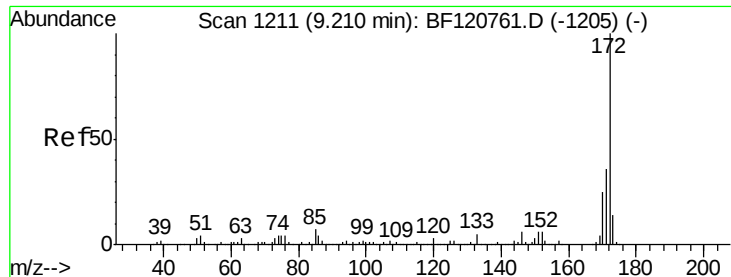
mohammad
 7/14/2020 12:01:47 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.600 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Tgt Ion:	196	Resp:	385229
Ion Ratio	Lower	Upper	
196	100		
198	95.6	76.2	114.2
97	52.1	39.6	59.4
132	29.8	22.0	33.0





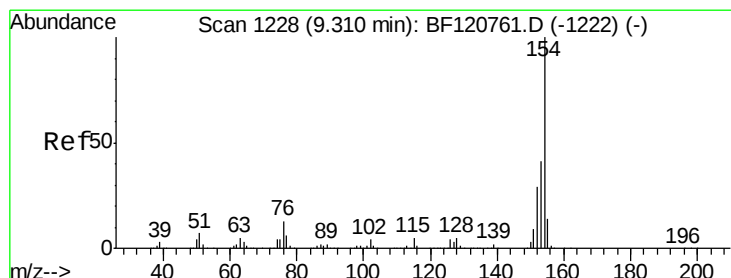
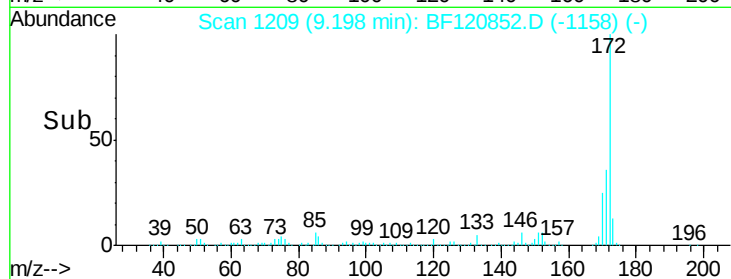
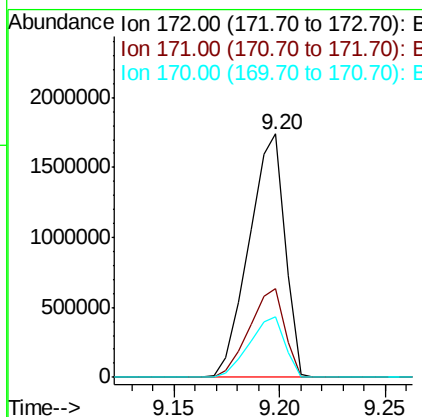
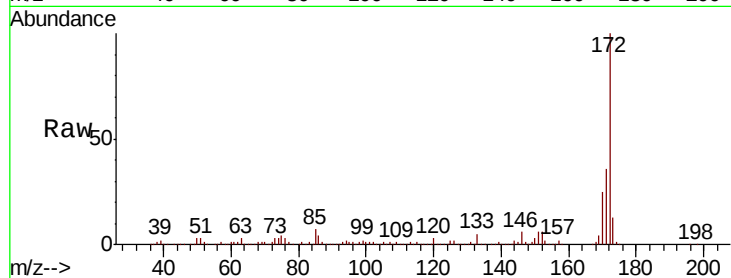
#45
 2-Fluorobiphenyl
 Concen: 84.232 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.1	43.7
170	24.7	19.8	29.6

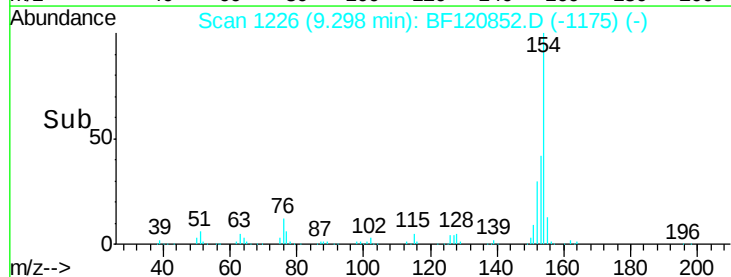
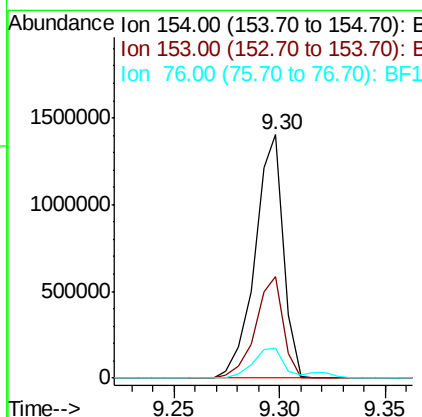
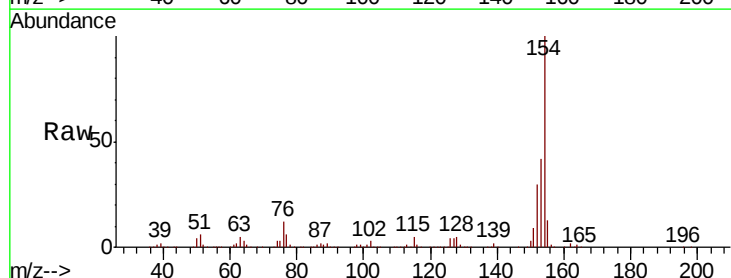
Manual Integrations
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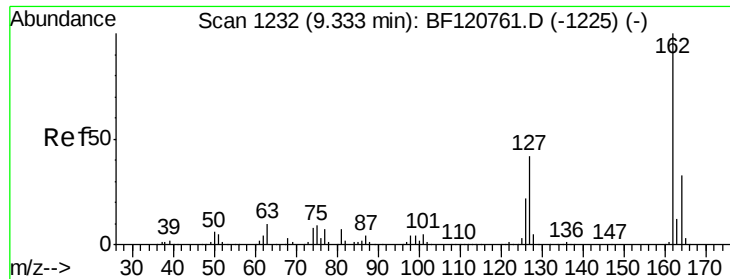
mohammad
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#46
 1,1'-Biphenyl
 Concen: 43.877 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	20.7	60.7
76	12.2	0.0	33.3





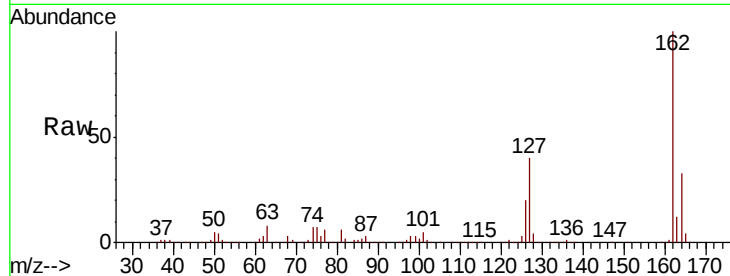
#47
 2-Chloronaphthalene
 Concen: 44.289 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Instrument :
 BNA_F
 ClientSampled :
 EO-02-070920MS

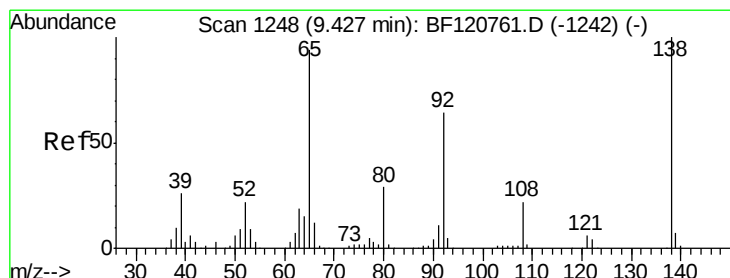
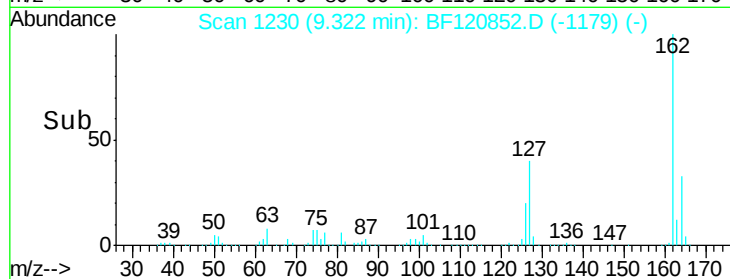
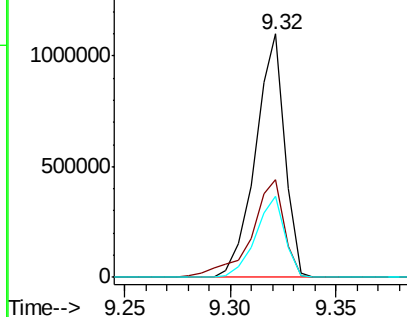
Tot Ion	Ion	Ratio	Lower	Upper
162	100			
127	40.0	33.7	50.5	
164	33.2	26.4	39.6	

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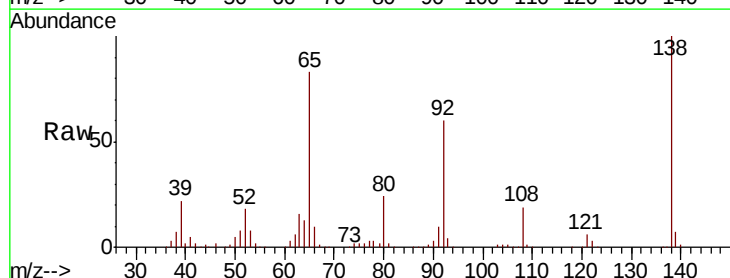


Abundance Ion 162.00 (161.70 to 162.70): E
 1500000
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

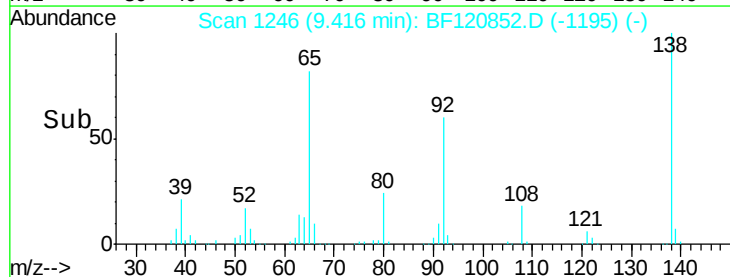
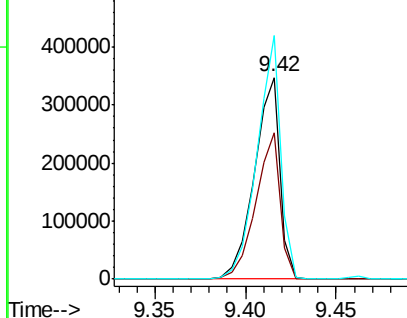


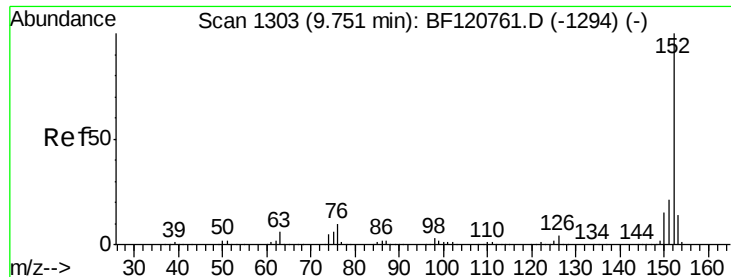
#48
 2-Nitroaniline
 Concen: 47.482 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
92	72.4	54.4	81.6	
138	120.6	84.7	127.1	



Abundance Ion 65.00 (64.70 to 65.70): BF1
 500000
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.024 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MS

Tot Ion:152 Resp: 1648650

Ion Ratio Lower Upper

152 100

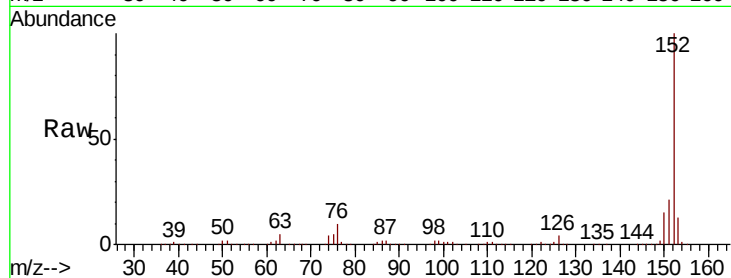
151 20.9 16.9 25.3

153 13.3 10.8 16.2

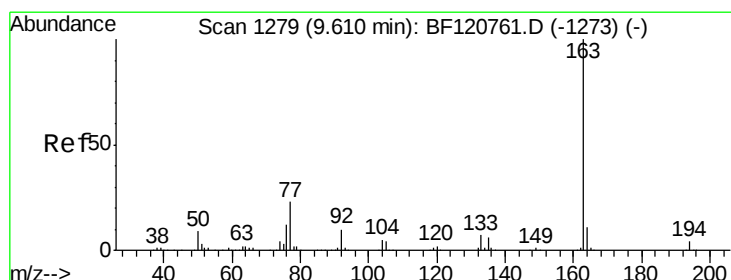
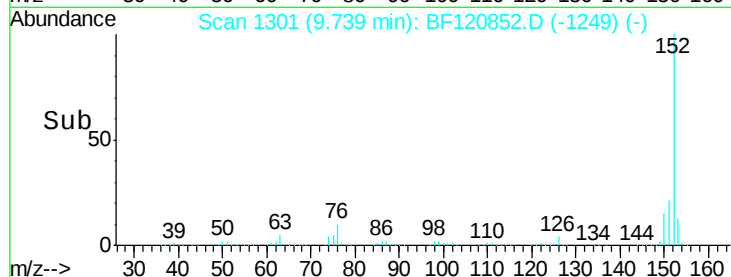
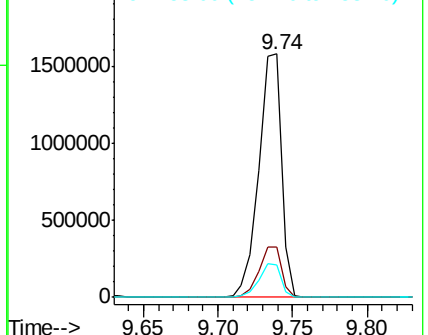
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 54.025 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

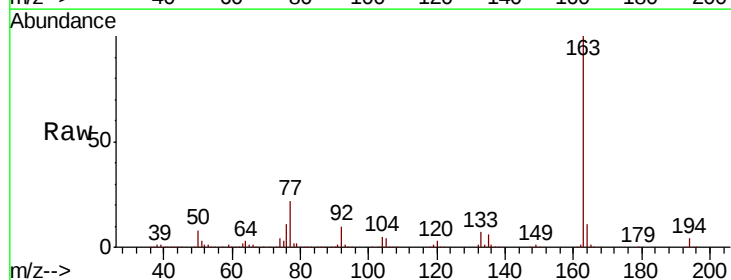
Tgt Ion:163 Resp: 1456732

Ion Ratio Lower Upper

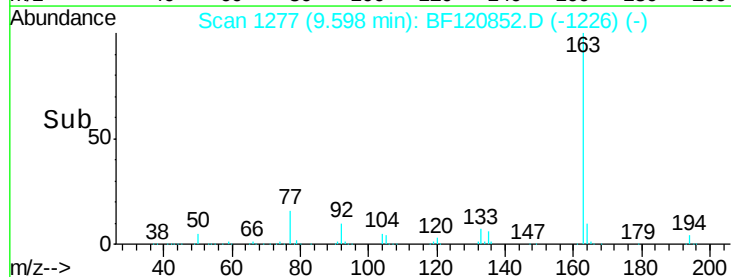
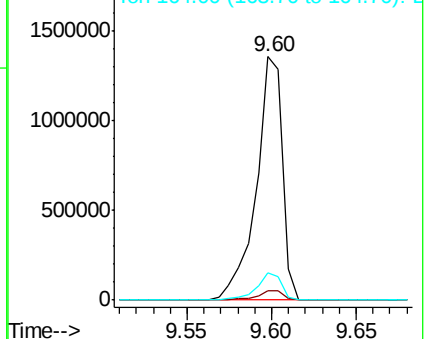
163 100

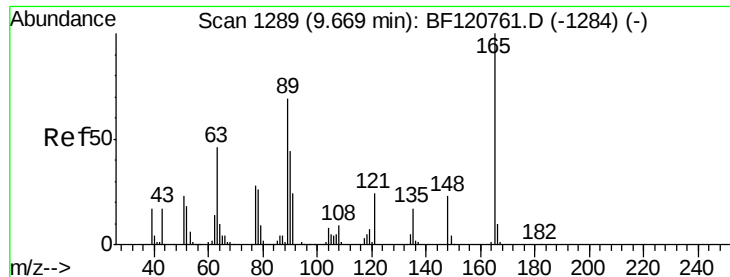
194 4.0 2.9 4.3

164 11.1 8.5 12.7



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





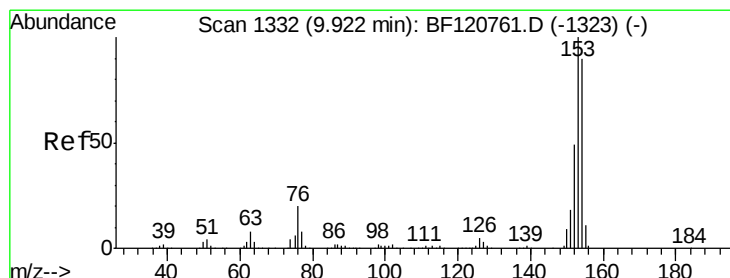
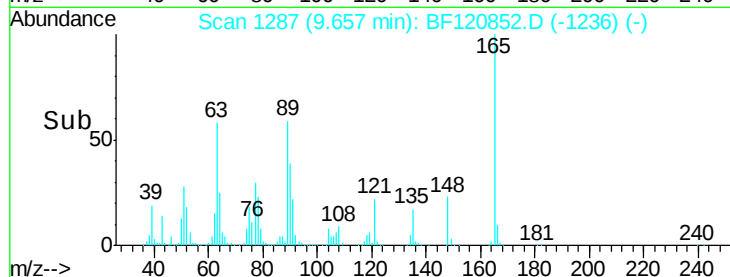
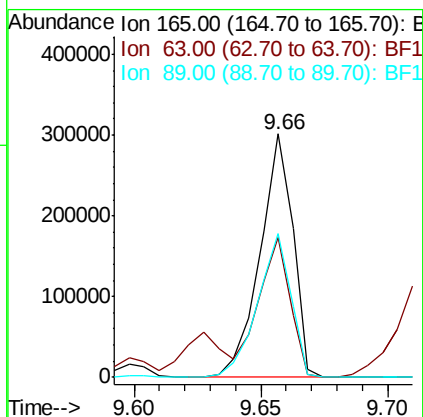
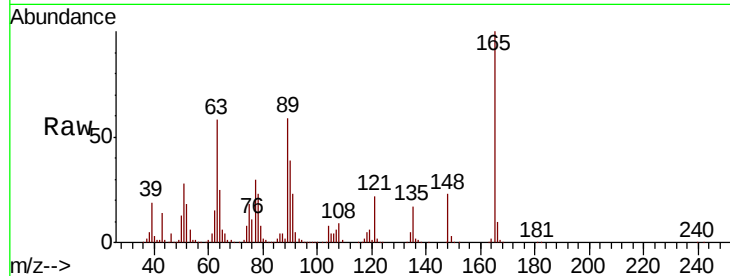
#51
2,6-Dinitrotoluene
Concen: 51.043 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	274346		
63	57.6	54.0	81.0	
89	59.3	55.4	83.2	

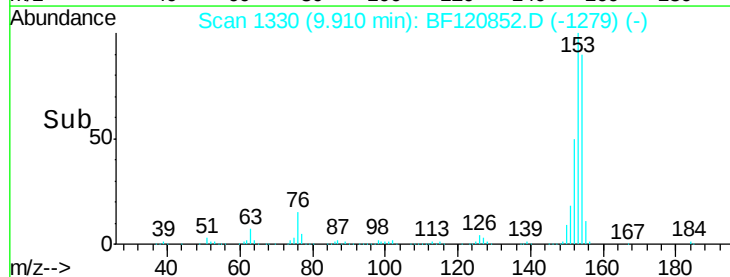
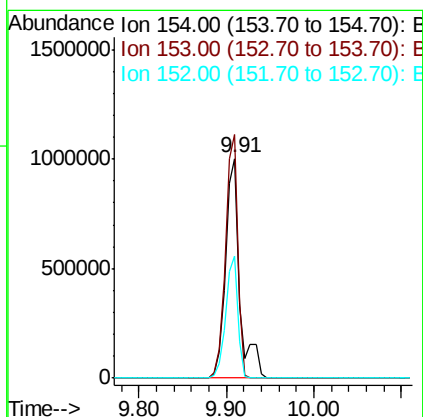
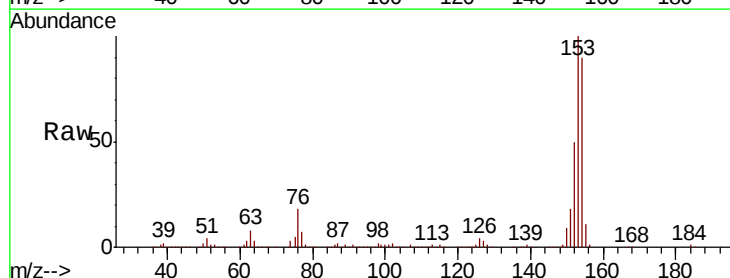
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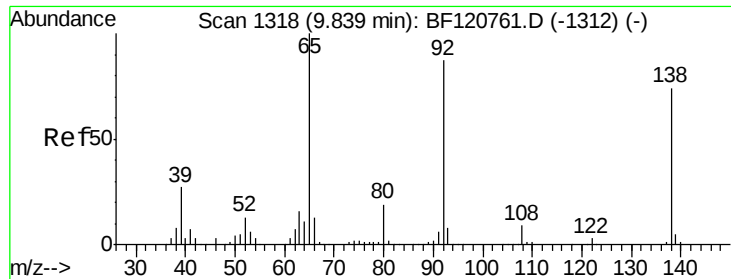
mohammad
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#52
Acenaphthene
Concen: 48.604 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1129192		
153	110.7	88.6	132.8	
152	55.4	43.6	65.4	





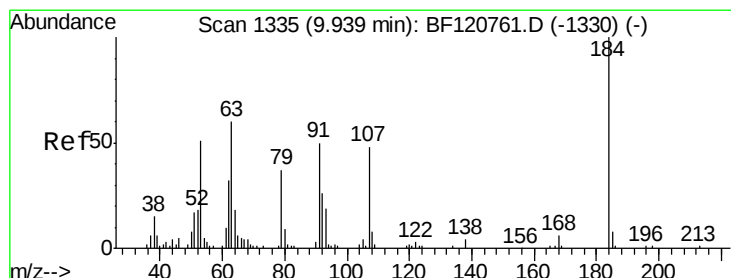
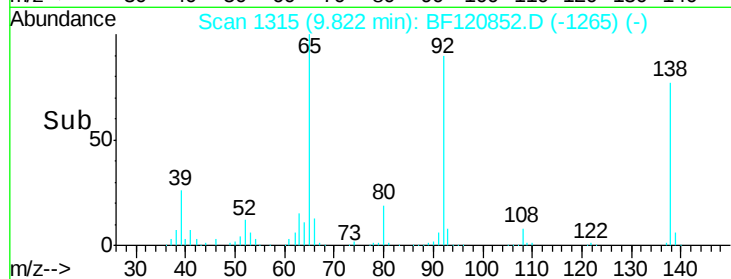
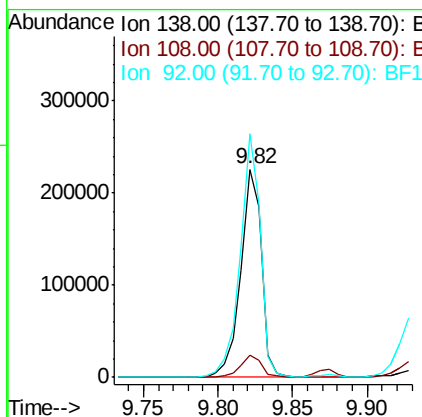
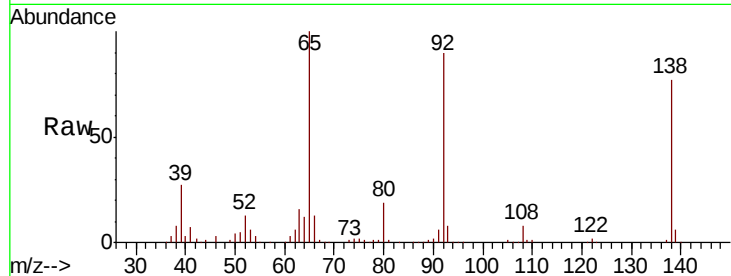
#53
3-Nitroaniline
Concen: 34.127 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.8	14.6
92	117.0	93.4	140.2

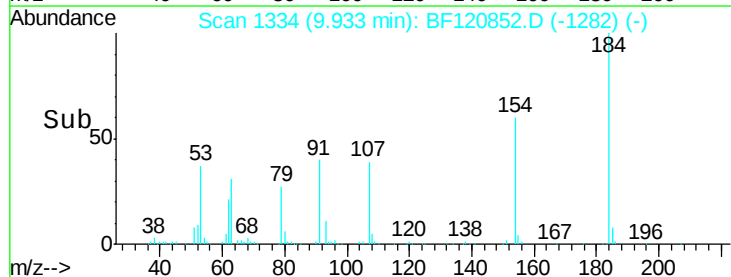
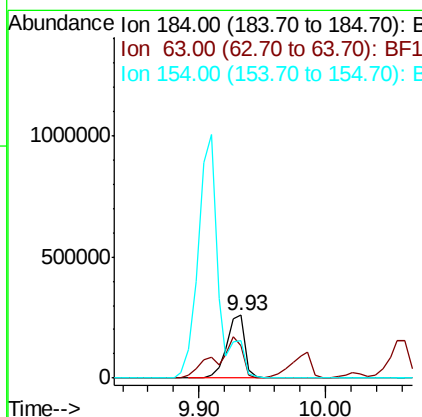
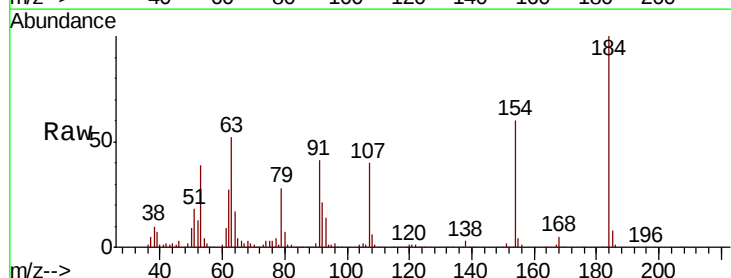
Manual Integrations
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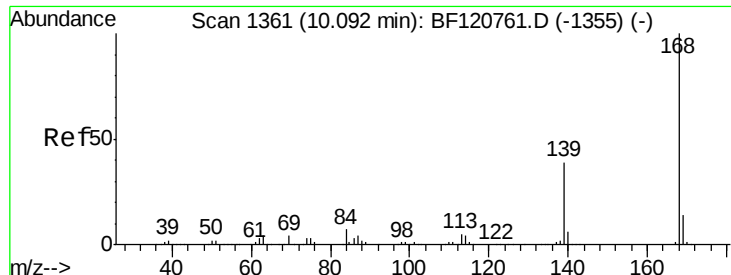
mohammad
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#54
2,4-Dinitrophenol
Concen: 116.193 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.1	57.3	85.9#
154	59.9	55.8	83.6





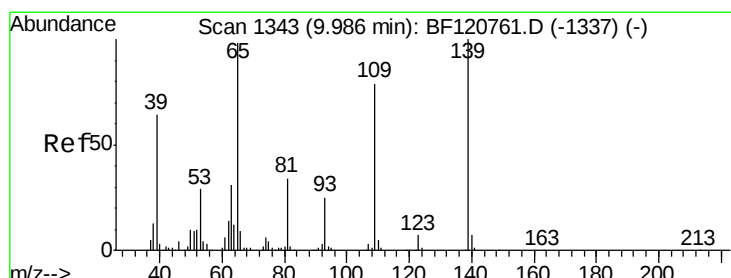
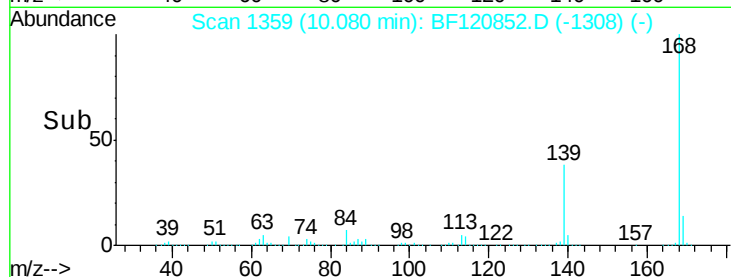
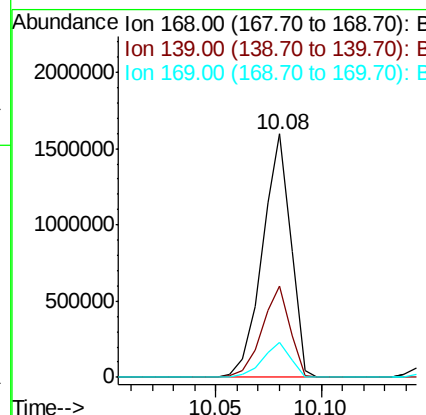
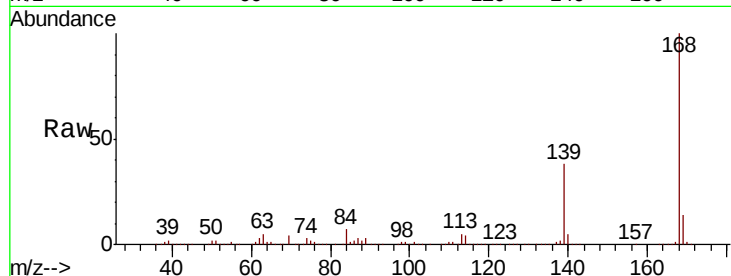
#55
Dibenzenofuran
Concen: 44.392 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

Tot Ion:168 Resp: 1486627
Ion Ratio Lower Upper
168 100
139 37.8 31.3 46.9
169 14.1 11.2 16.8

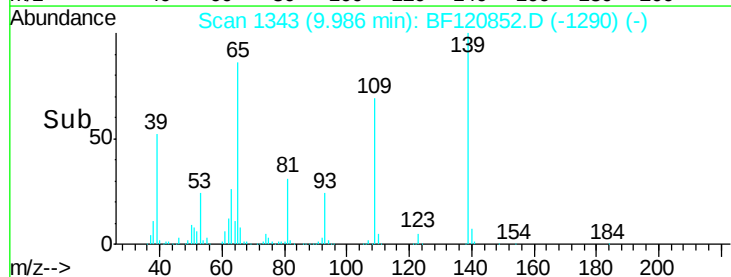
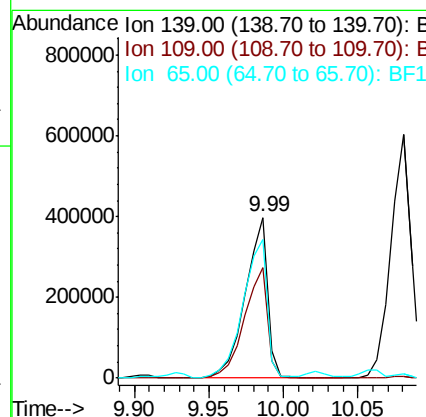
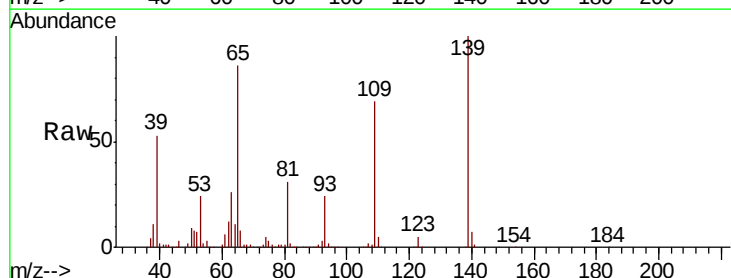
Manual Integrations
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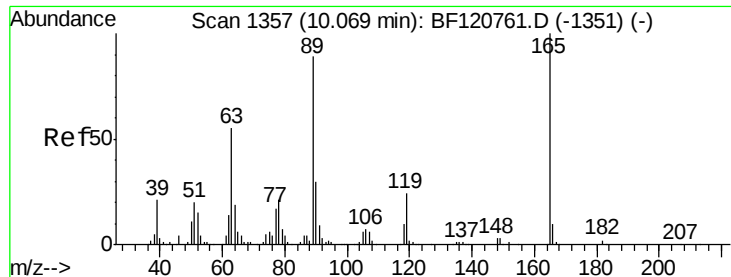
mohammad
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#56
4-Nitrophenol
Concen: 83.622 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion:139 Resp: 413993
Ion Ratio Lower Upper
139 100
109 69.2 58.6 98.6
65 86.1 78.7 118.7





#57

2,4-Dinitrotoluene

Concen: 53.928 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.01 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MS

Tot Ion:165 Resp: 362685
Ion Ratio Lower Upper

165 100

63 40.0 43.8 65.8#

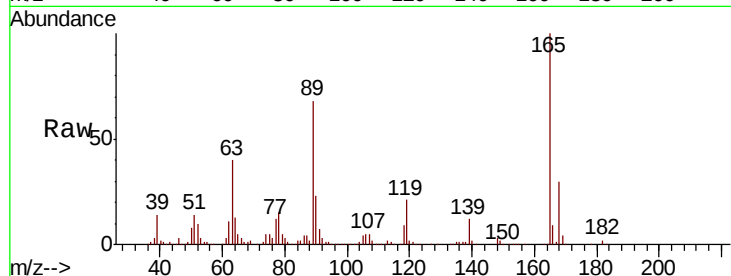
89 68.4 71.4 107.2#

182 2.5 1.8 2.6

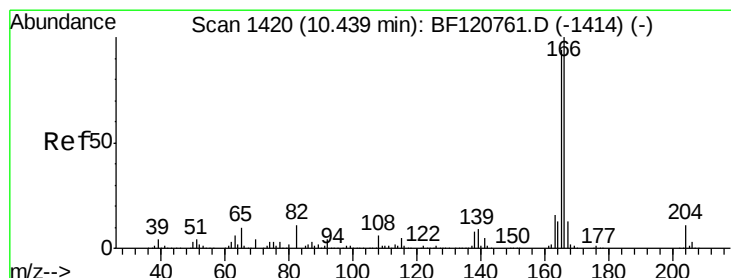
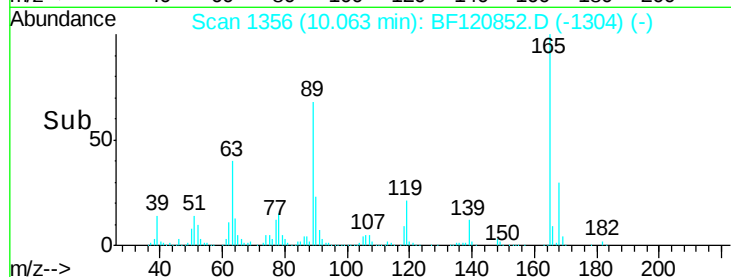
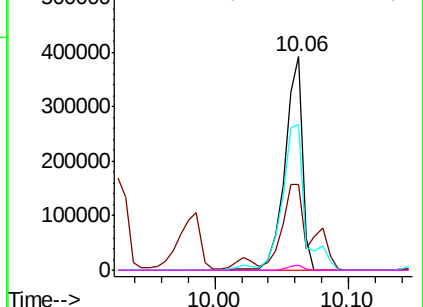
Manual Integrations
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Abundance Ion 165.00 (164.70 to 165.70): E
600000 Ion 63.00 (62.70 to 63.70): BF1
500000 Ion 89.00 (88.70 to 89.70): BF1
400000 Ion 182.00 (181.70 to 182.70): E
300000
200000
100000
0



#58

Fluorene

Concen: 42.278 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BF120852.D

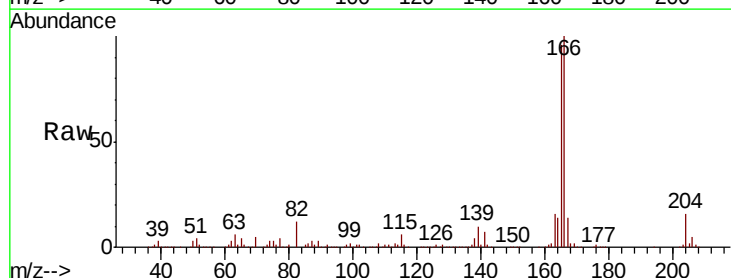
Acq: 13 Jul 2020 14:43

Tgt Ion:166 Resp: 1053843
Ion Ratio Lower Upper

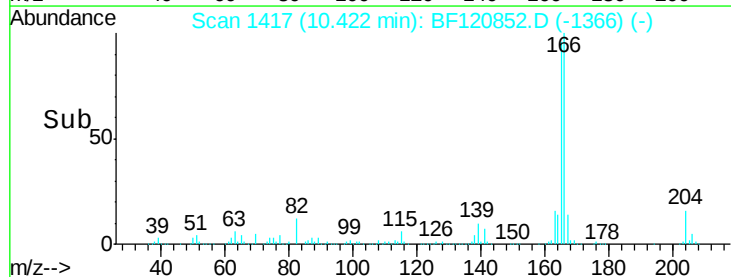
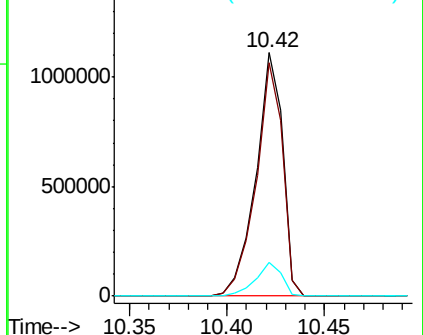
166 100

165 95.8 75.5 113.3

167 14.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
1500000 Ion 165.00 (164.70 to 165.70): E
1000000 Ion 167.00 (166.70 to 167.70): E
500000
0





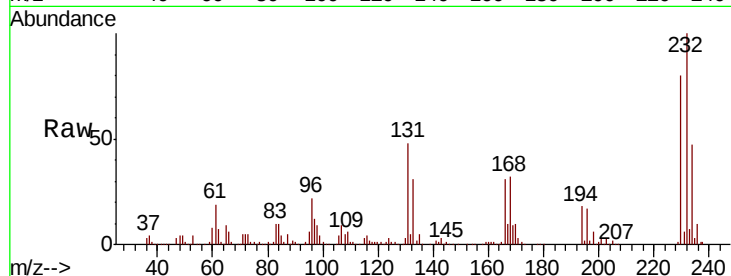
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.478 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

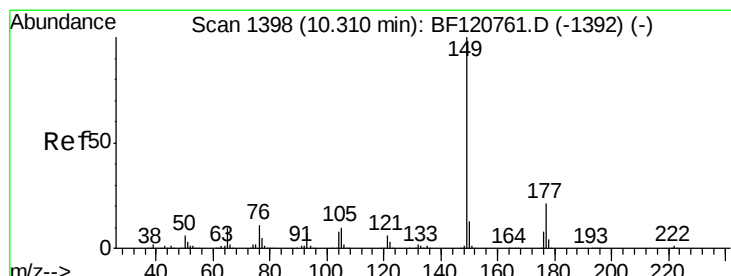
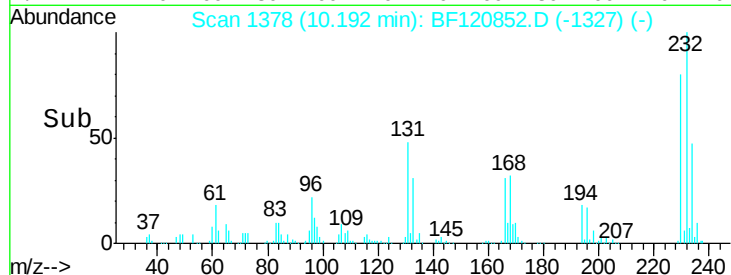
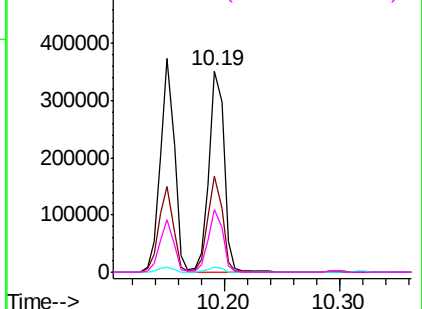
Tot Ion	Ratio	Lower	Upper
232	100		
131	46.6	36.3	54.5
130	2.5	2.0	3.0
166	30.5	20.9	31.3

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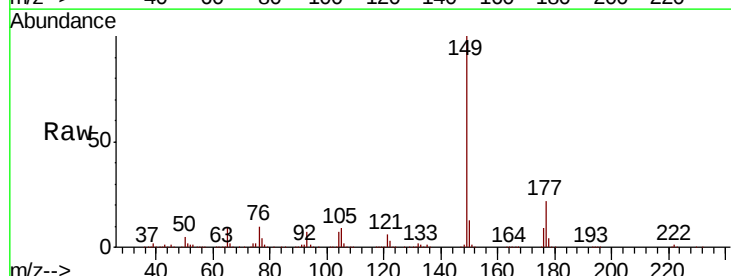


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

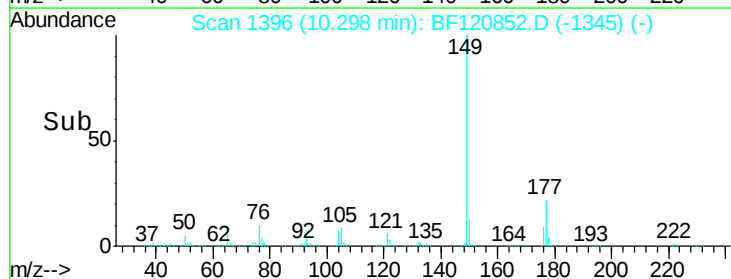
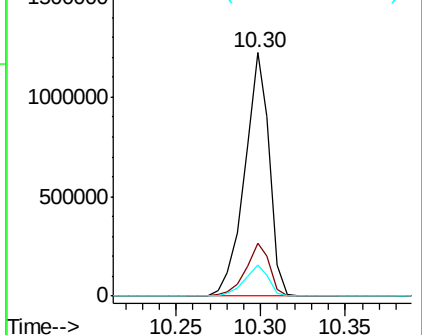


#60
Diethylphthalate
Concen: 44.162 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.4	24.6
150	12.8	10.2	15.4



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





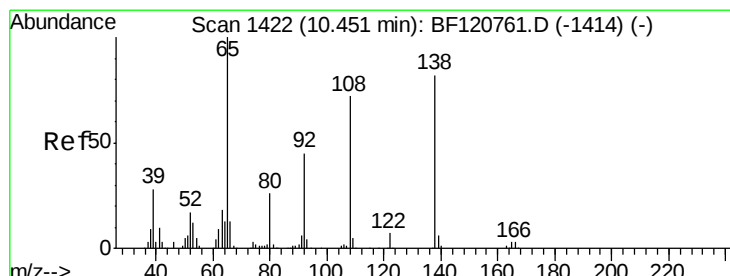
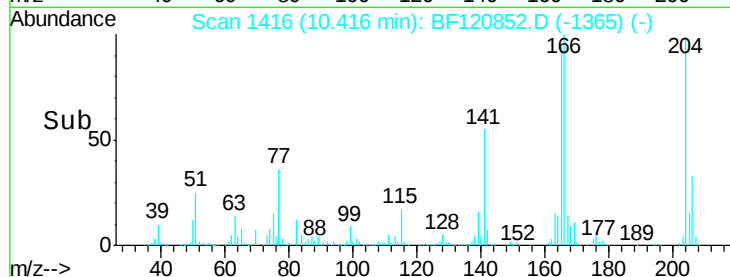
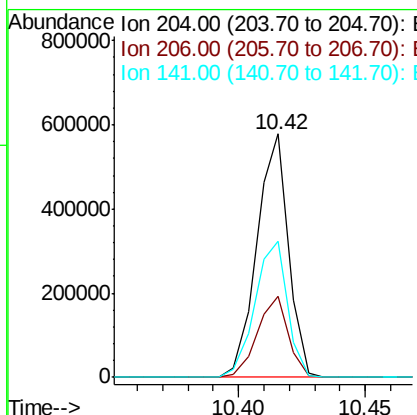
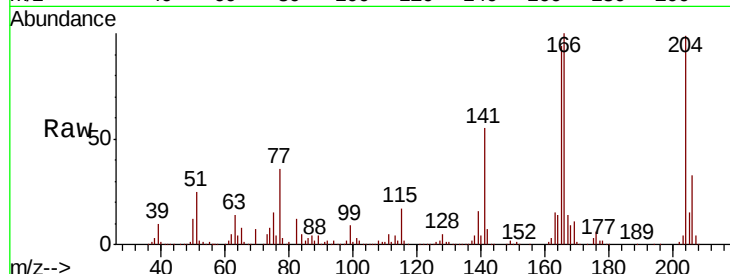
#61
4-Chlorophenyl-phenylether
Concen: 39.854 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	499409		
206	33.4	26.7	40.1	
141	55.9	48.5	72.7	

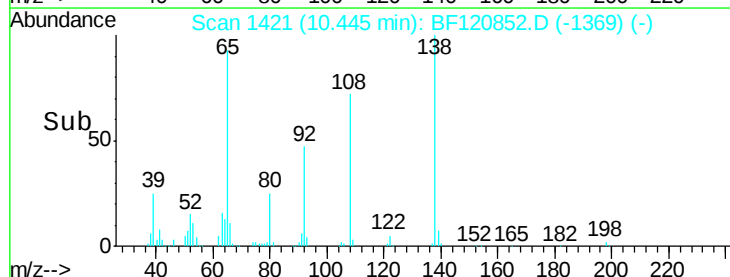
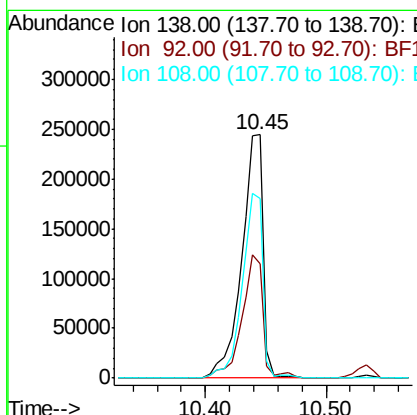
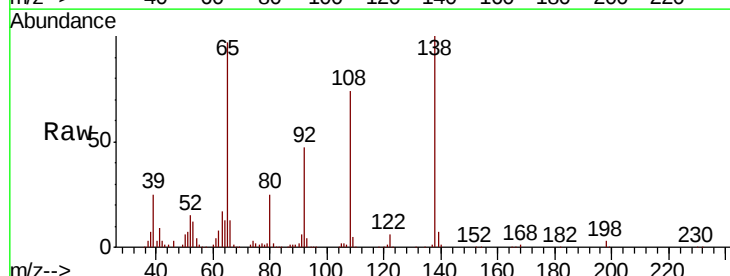
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#62
4-Nitroaniline
Concen: 52.793 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	302457		
92	47.2	34.3	74.3	
108	73.6	68.3	108.3	





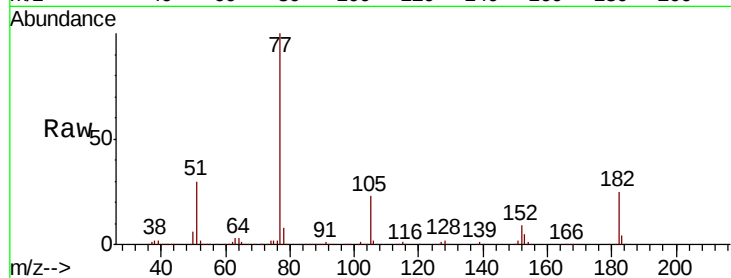
#63
Azobenzene
Concen: 42.103 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

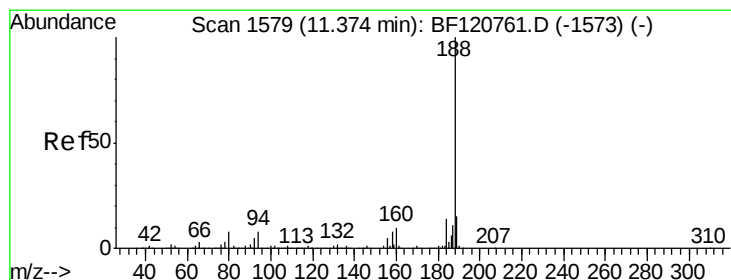
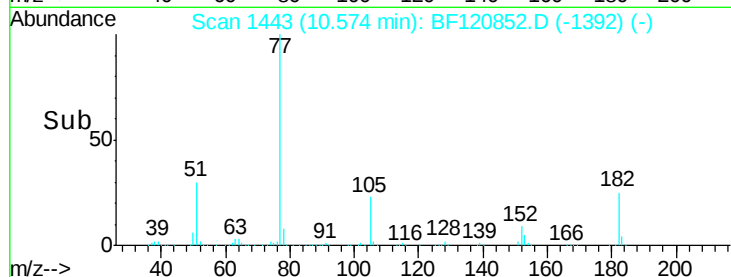
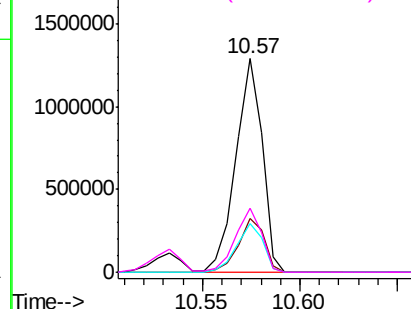
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.2	4.0	44.0	
105	23.1	2.6	42.6	
51	29.9	11.5	51.5	

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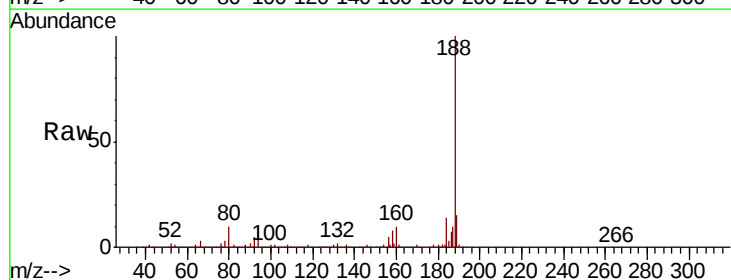


Abundance Ion 77.00 (76.70 to 77.70): BF1
2000000
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

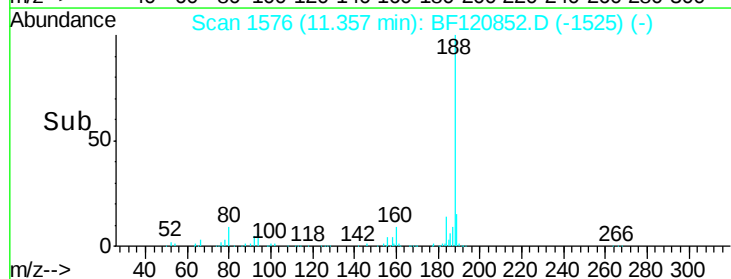
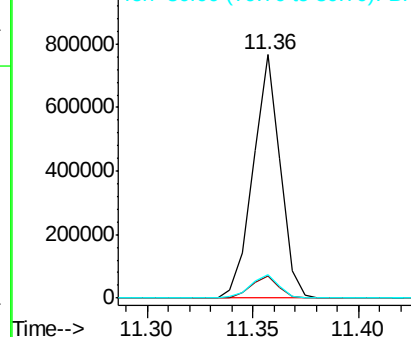


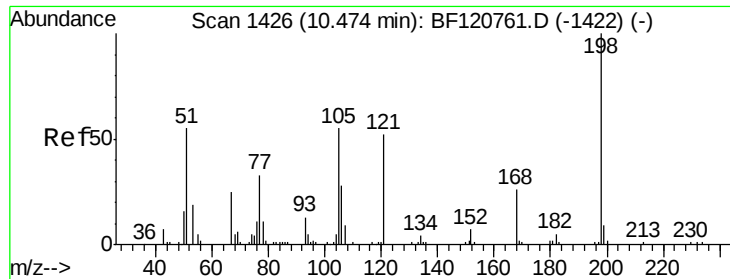
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.2	6.6	9.8	
80	9.8	6.6	10.0	



Abundance Ion 188.00 (187.70 to 188.70): BF1
1000000
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: 58.738 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MS

Tot Ion:198 Resp: 174320

Ion Ratio Lower Upper

198 100

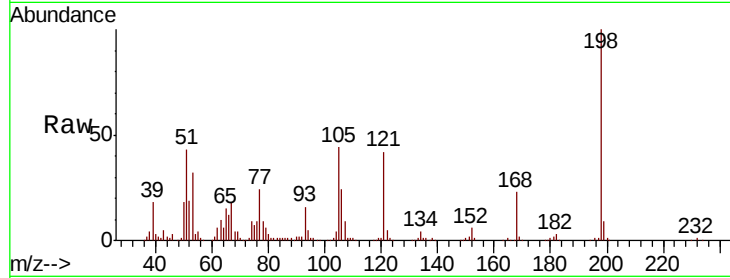
51 43.3 50.0 90.0#

105 44.4 38.3 78.3

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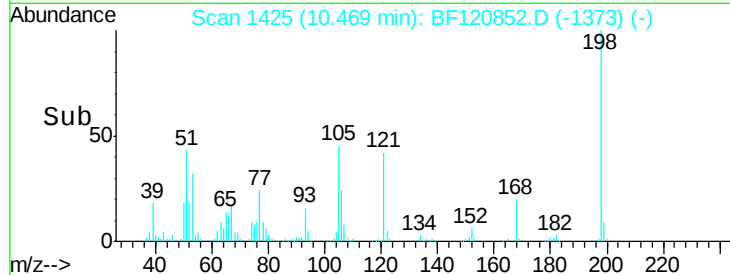


Abundance Ion 198.00 (197.70 to 198.70): E

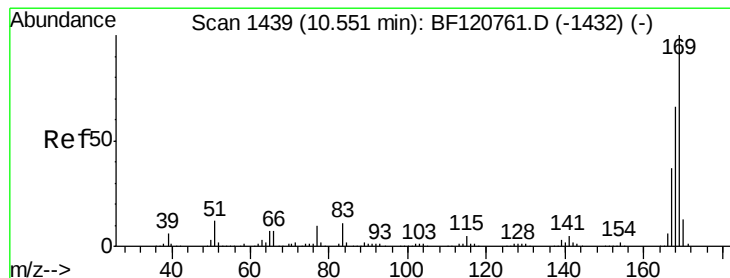
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->



#66

n-Nitrosodiphenylamine

Concen: 44.878 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

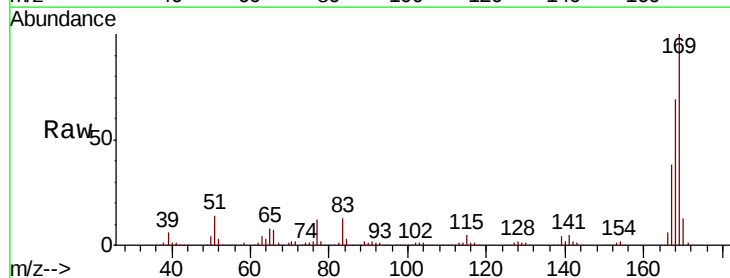
Tgt Ion:169 Resp: 1029391

Ion Ratio Lower Upper

169 100

168 68.8 53.1 79.7

167 38.4 29.6 44.4

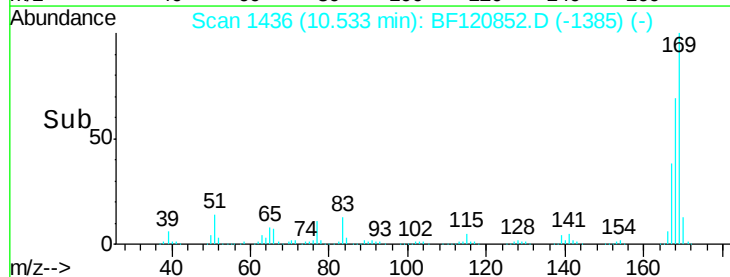


Abundance Ion 169.00 (168.70 to 169.70): E

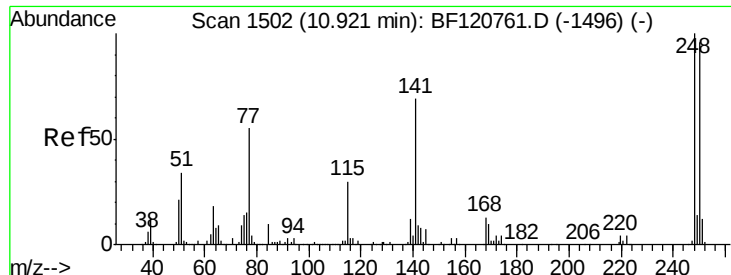
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



Time-->



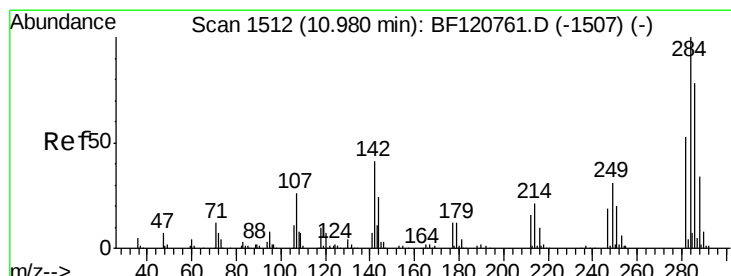
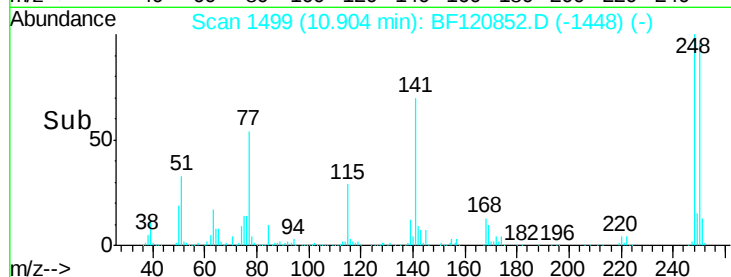
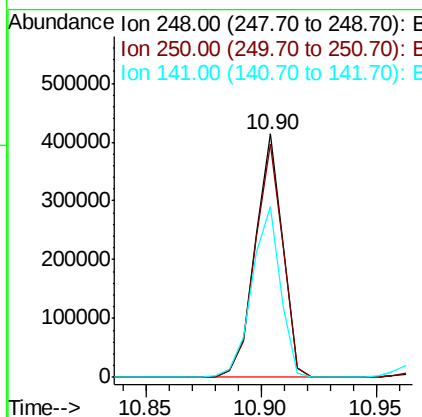
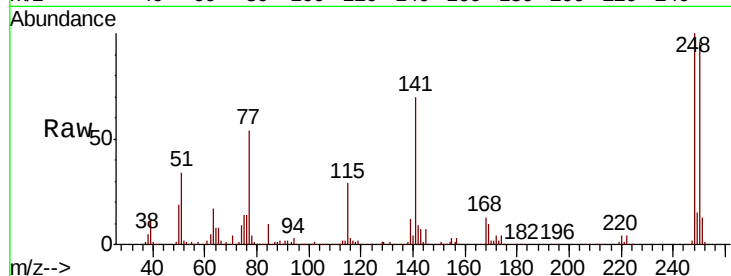
#67
 4-Bromophenyl-phenylether
 Concen: 43.440 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MS

Tot Ion:	248	Resp:	344845
Ion Ratio	Lower	Upper	
248	100		
250	95.8	76.5	114.7
141	70.0	54.9	82.3

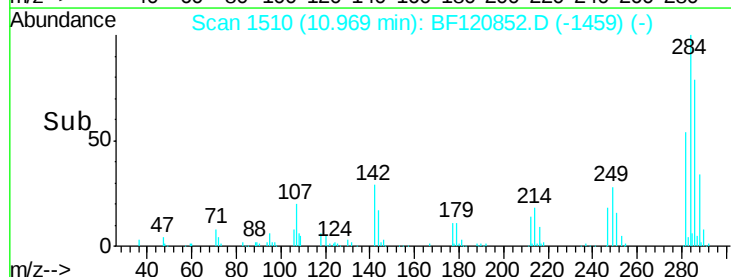
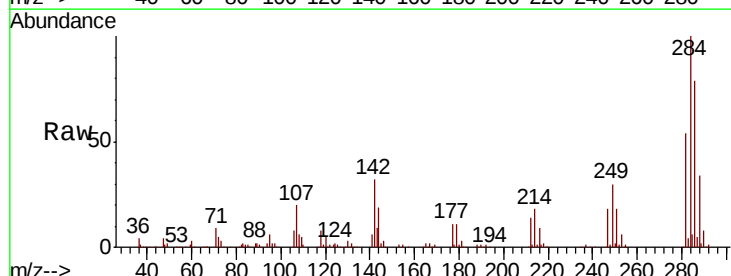
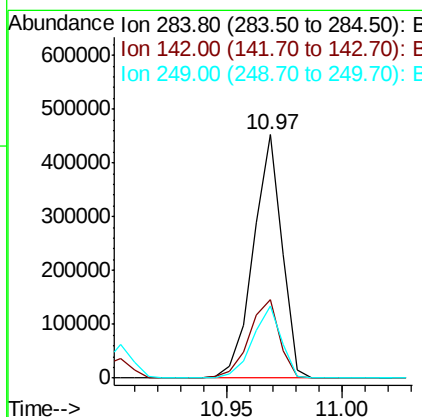
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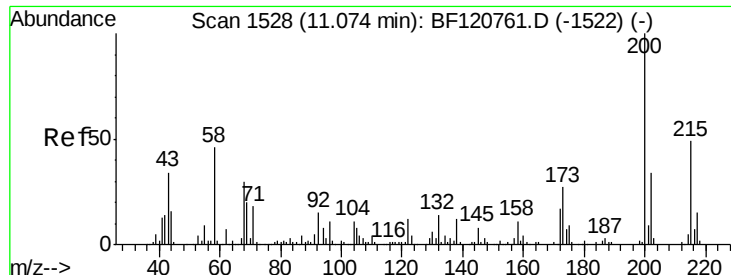
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#68
 Hexachlorobenzene
 Concen: 46.933 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Tgt Ion:	284	Resp:	390958
Ion Ratio	Lower	Upper	
284	100		
142	32.5	32.5	48.7#
249	29.7	24.8	37.2





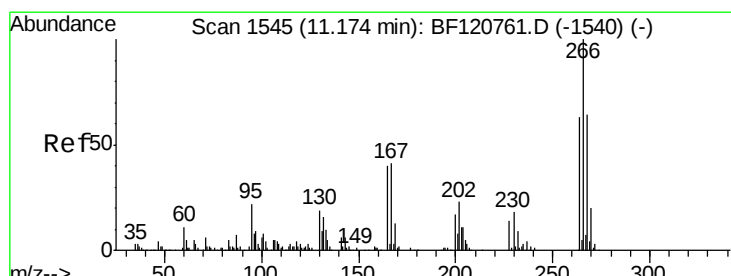
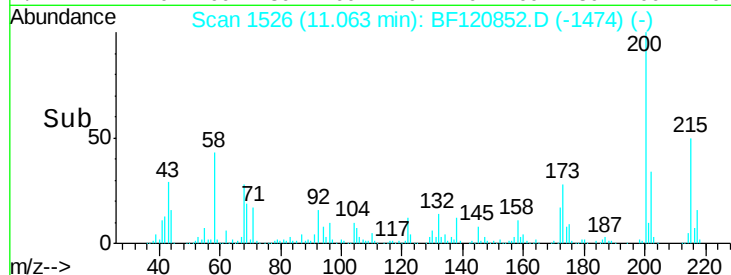
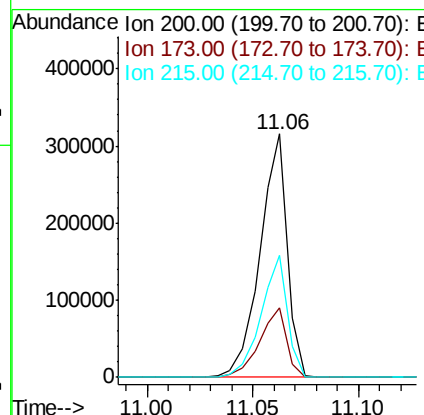
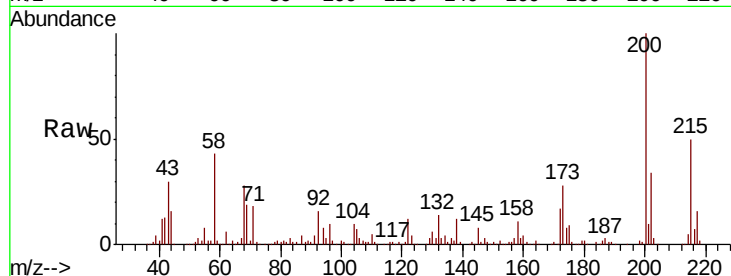
#69
Atrazine
Concen: 47.752 ng
RT: 11.06 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.4	7.4	47.4
215	50.0	28.8	68.8

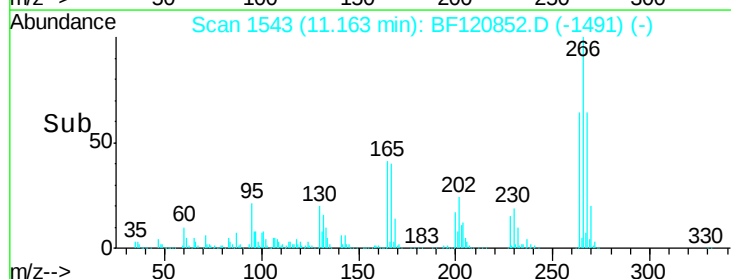
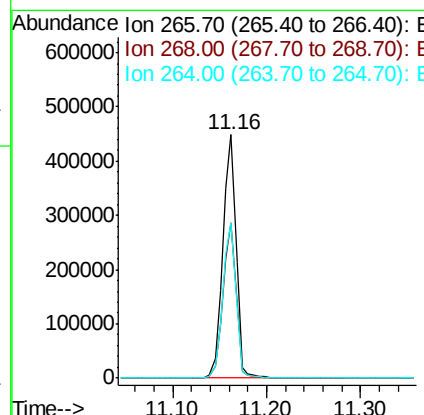
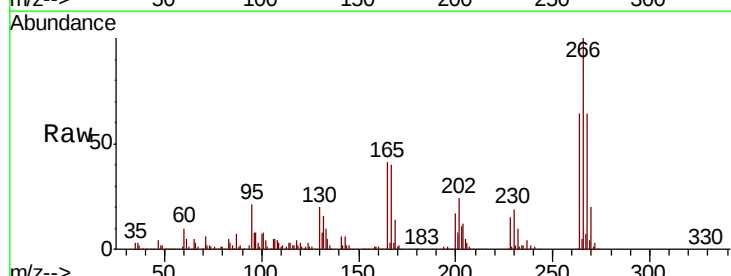
Manual Integrations
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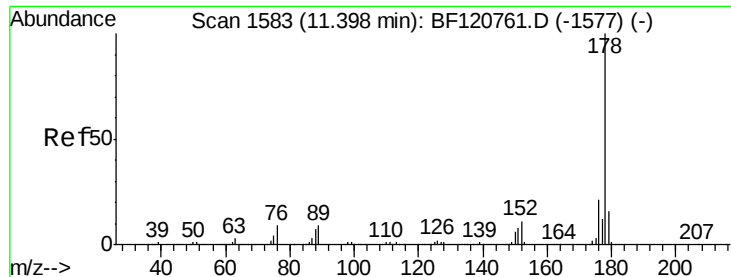
mohammad
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#70
Pentachlorophenol
Concen: 95.096 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.9	51.4	77.2
264	63.7	50.6	75.8





#71

Phenanthrene

Concen: 43.343 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MS

Tot Ion:178 Resp: 1609393

Ion Ratio Lower Upper

178 100

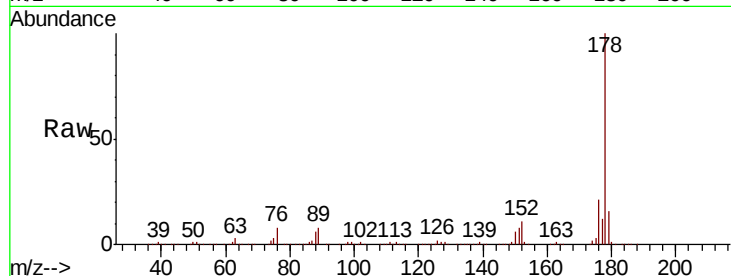
176 20.7 16.4 24.6

179 16.2 12.9 19.3

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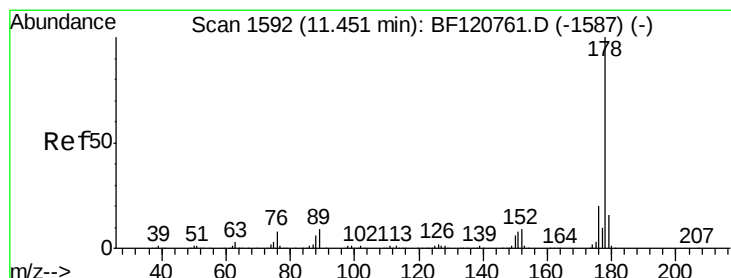
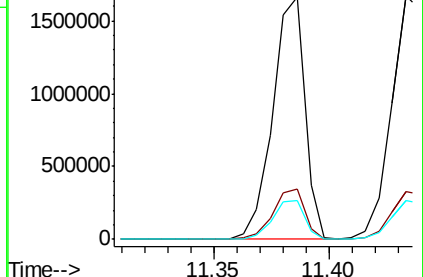
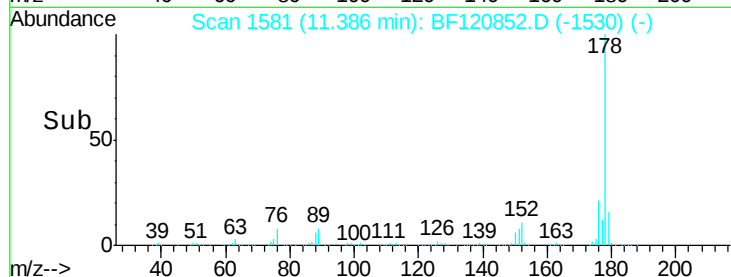
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.954 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

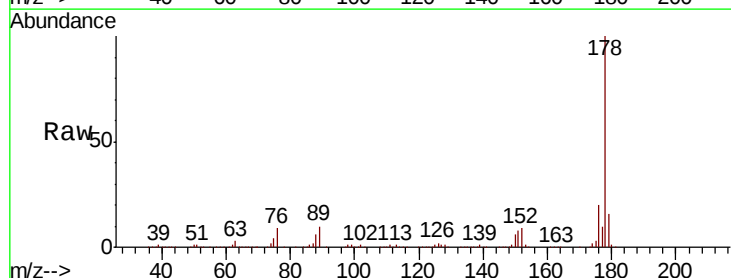
Tgt Ion:178 Resp: 1686745

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.2

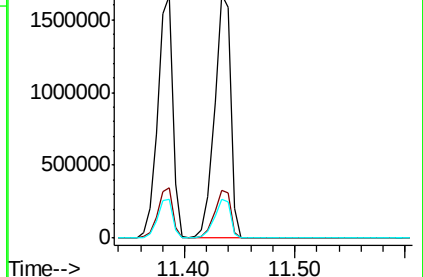
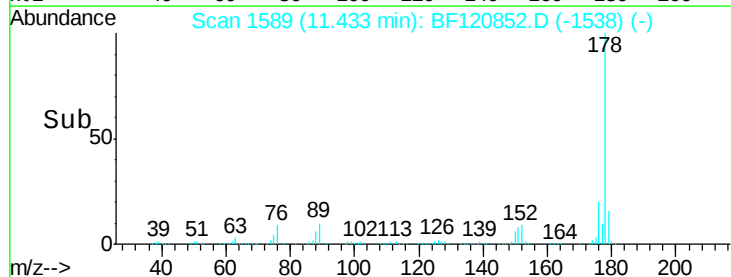
179 16.2 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73
 Carbazole
 Concen: 44.467 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

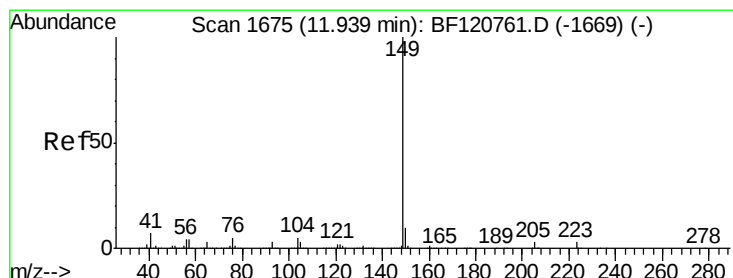
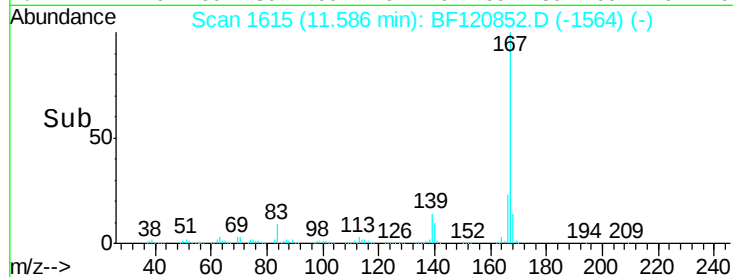
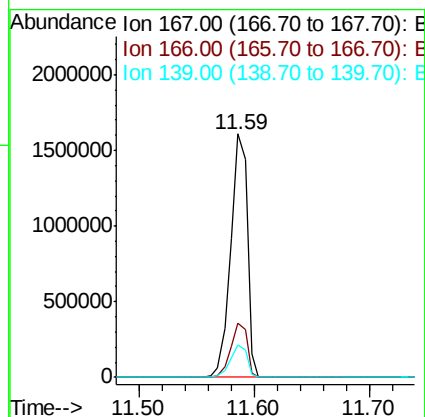
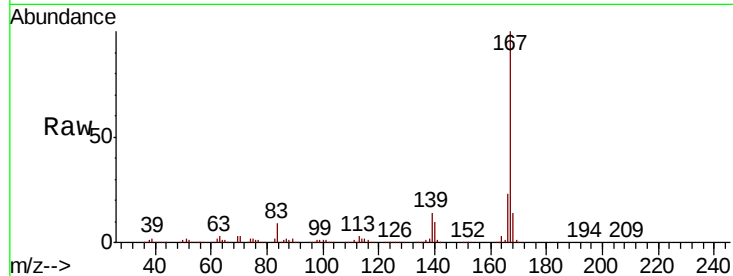
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MS

Tot Ion:167 Resp: 1603387

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.8
139	13.5	10.7	16.1

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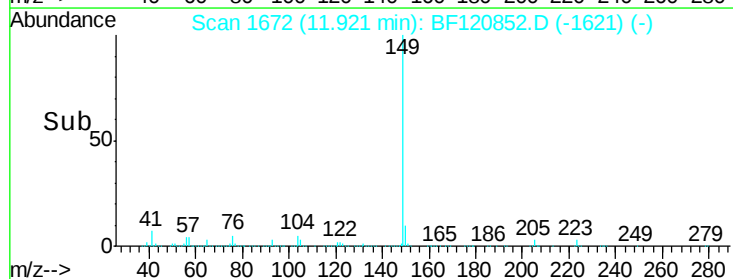
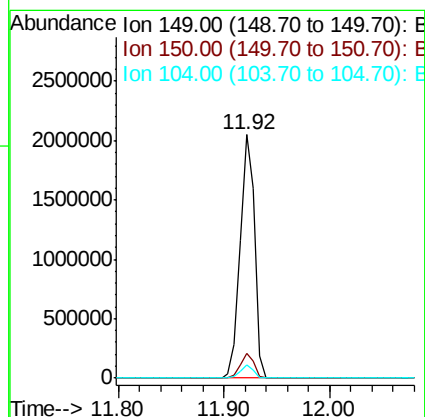
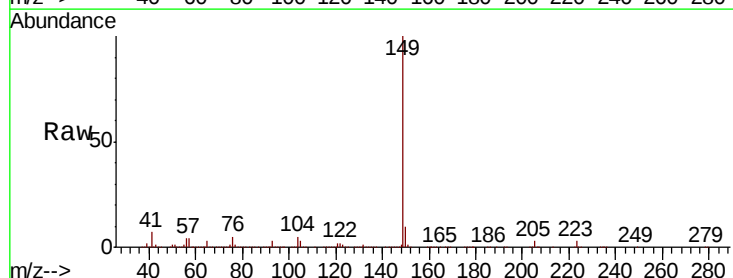
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#74
 Di-n-butylphthalate
 Concen: 42.202 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Tgt Ion:149 Resp: 1883951

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.2	4.0	6.0





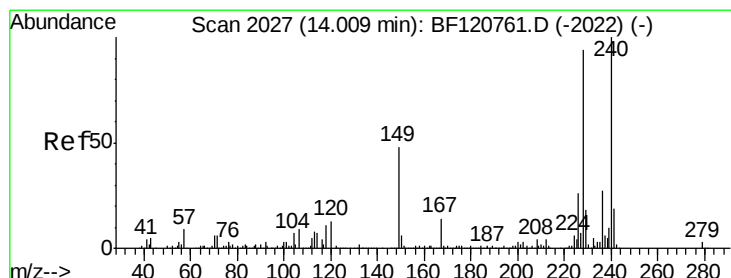
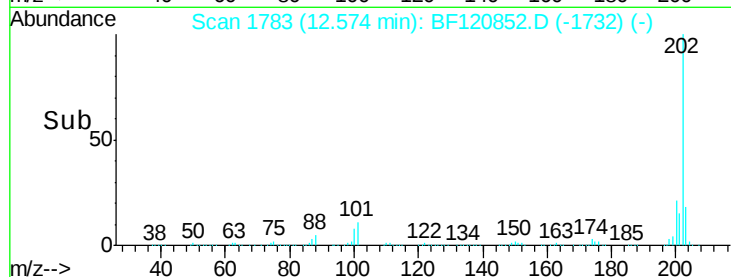
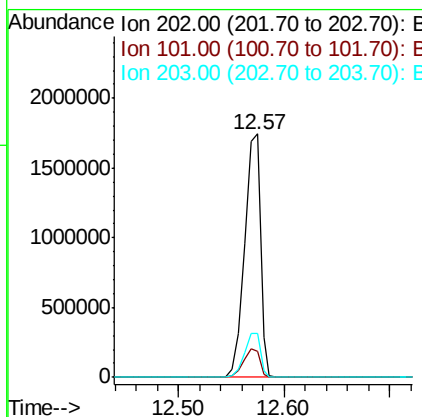
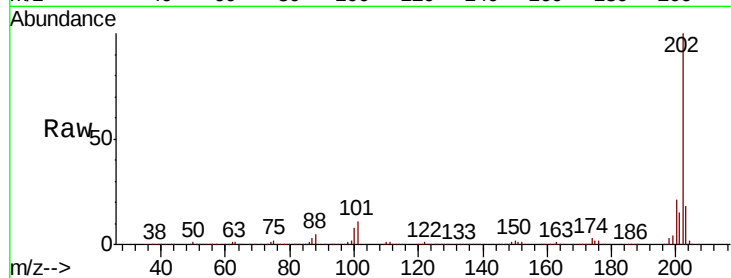
#75
Fluoranthene
Concen: 45.368 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1794548		
101	10.6		0.0	31.6
203	18.0		0.0	38.2

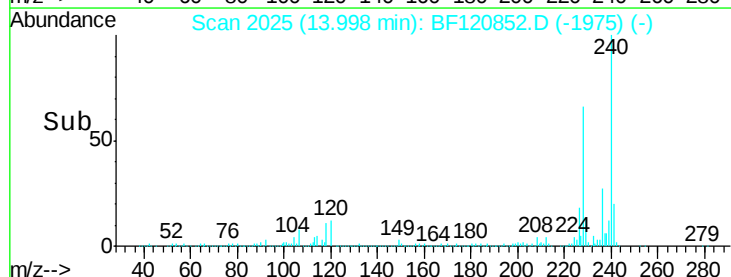
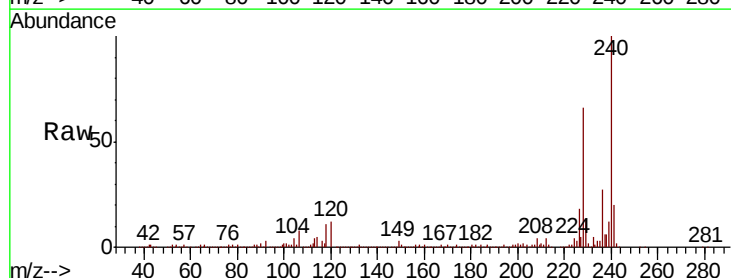
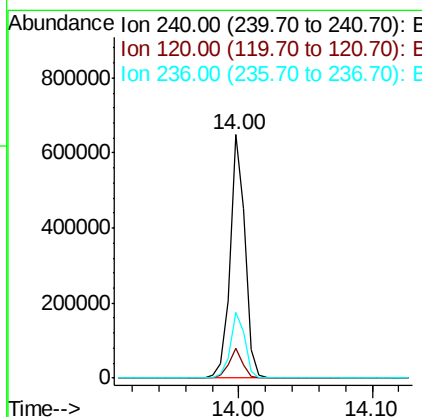
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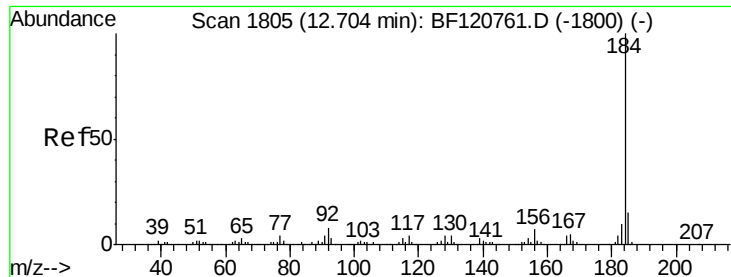
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	509567		
120	12.5		10.3	15.5
236	27.0		21.4	32.2





#77

Benzidine

Concen: 45.477 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :

BNA_F

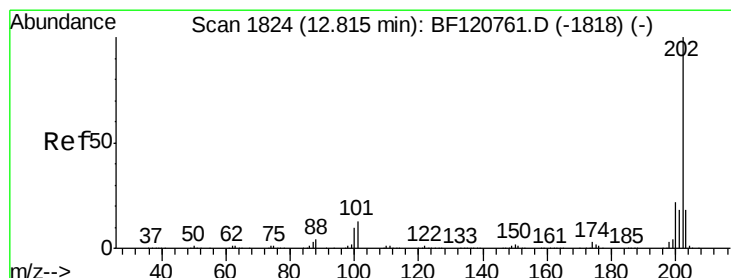
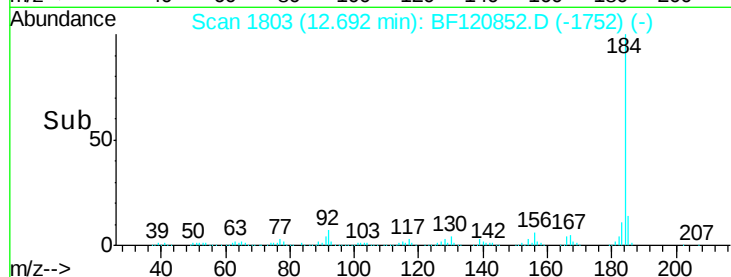
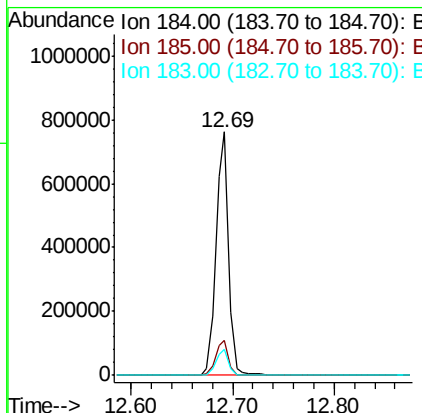
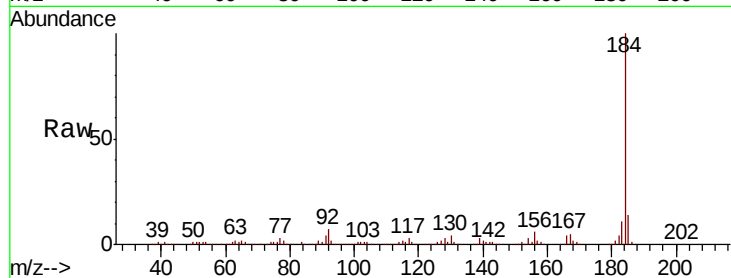
ClientSampleId :

EO-02-070920MS

Tot Ion:	184	Resp:	654100
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.8	17.8
183	10.6	8.3	12.5

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#78

Pyrene

Concen: 45.081 ng

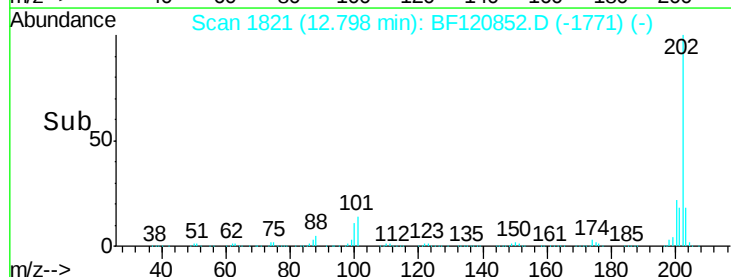
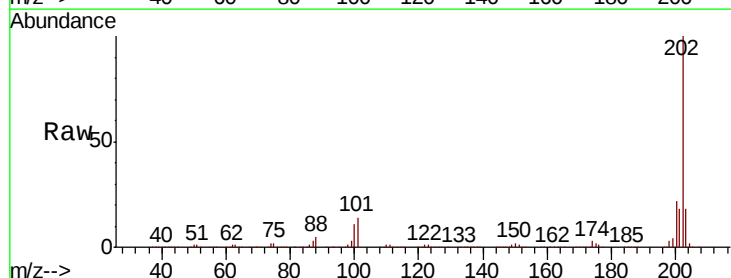
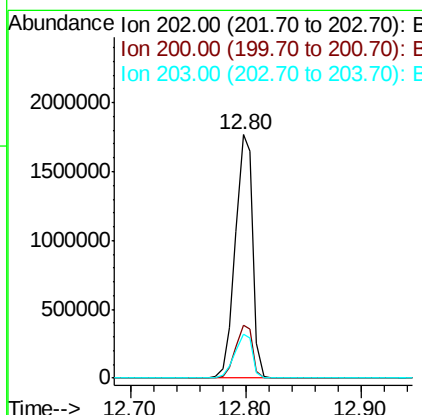
RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Tgt Ion:	202	Resp:	1834677
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.3	25.9
203	18.2	14.6	22.0





#79

Terphenyl-d14

Concen: 83.093 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :

BNA_F

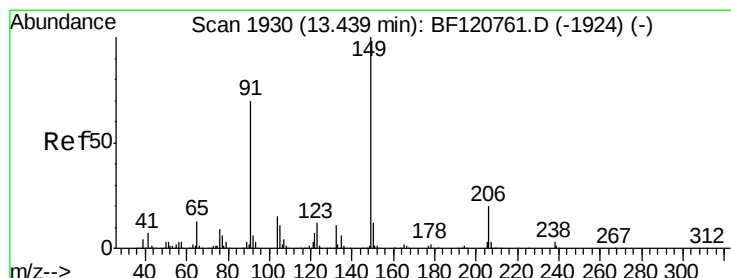
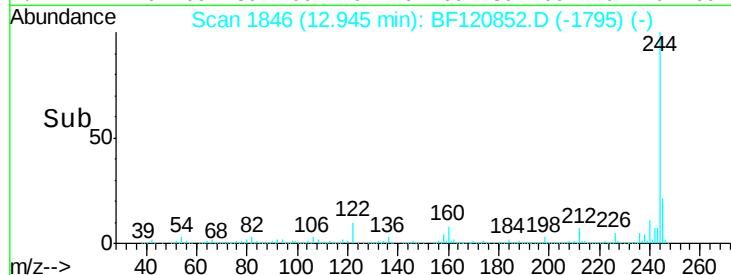
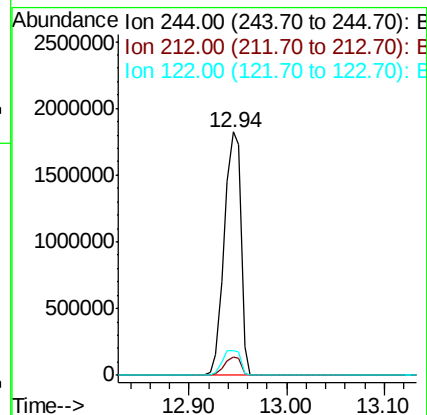
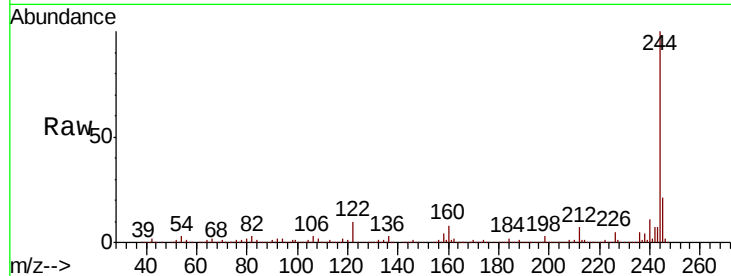
ClientSampleId :

EO-02-070920MS

Tot Ion:	244	Resp:	2162619
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	10.4	9.0	13.4

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#80

Butylbenzylphthalate

Concen: 46.502 ng

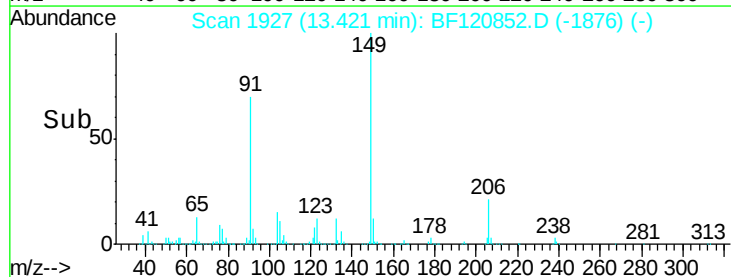
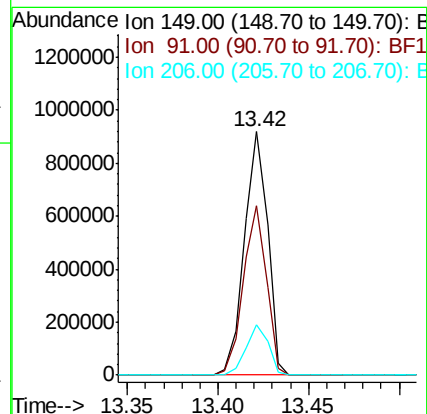
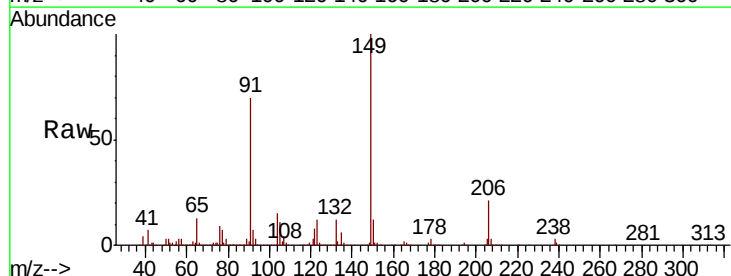
RT: 13.42 min Scan# 1927

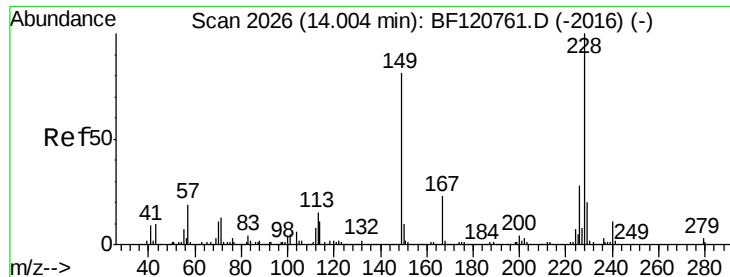
Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Tgt Ion:	149	Resp:	817051
Ion	Ratio	Lower	Upper
149	100		
91	69.8	55.8	83.8
206	20.6	15.7	23.5





#81

Benzo(a)anthracene

Concen: 42.588 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :

BNA_F

ClientSampleId :

EO-02-070920MS

Tot Ion:228 Resp: 1391099

Ion Ratio Lower Upper

228 100

226 28.7 22.6 33.8

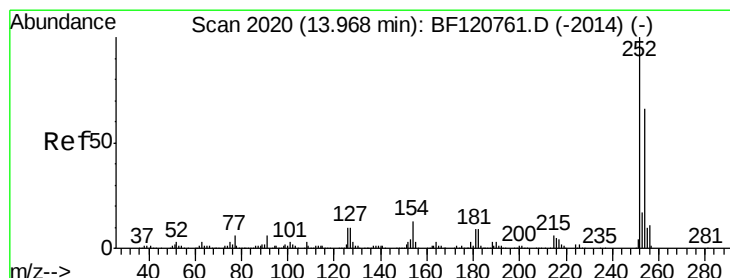
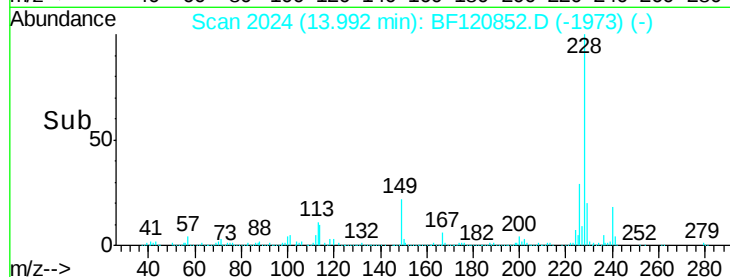
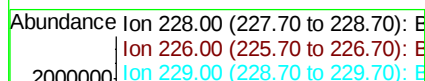
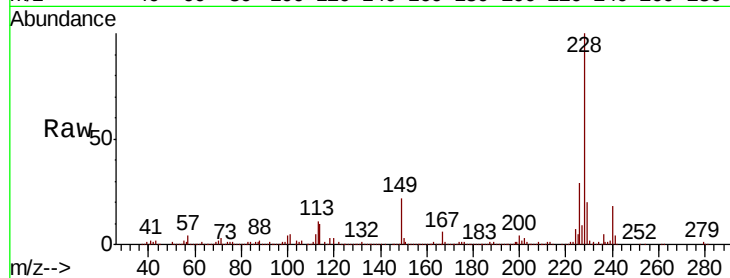
229 20.4 15.8 23.6

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#82

3,3'-Dichlorobenzidine

Concen: 38.220 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

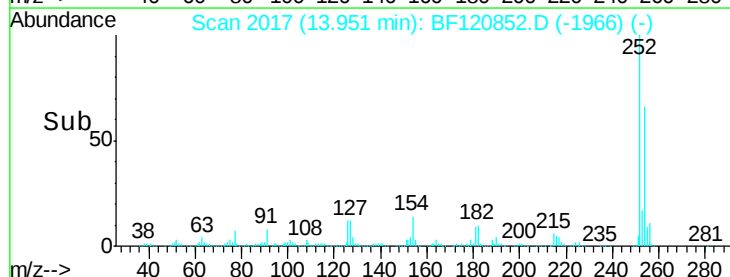
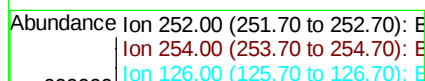
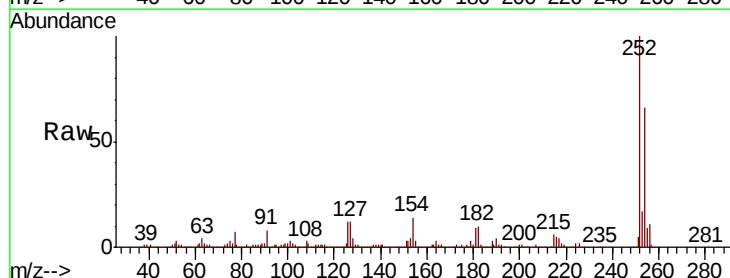
Tgt Ion:252 Resp: 421298

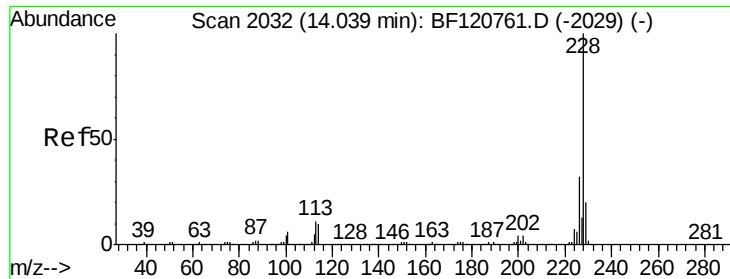
Ion Ratio Lower Upper

252 100

254 65.7 52.6 78.8

126 12.0 7.8 11.8#





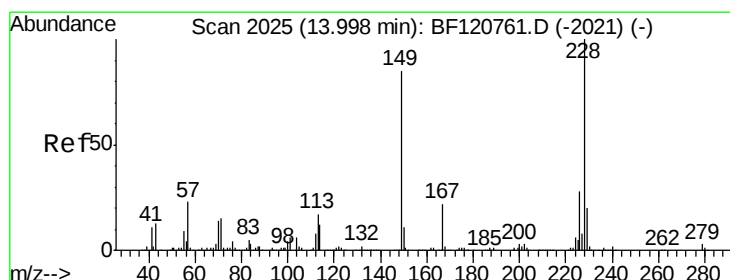
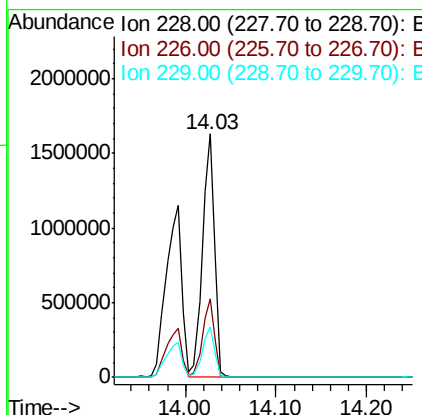
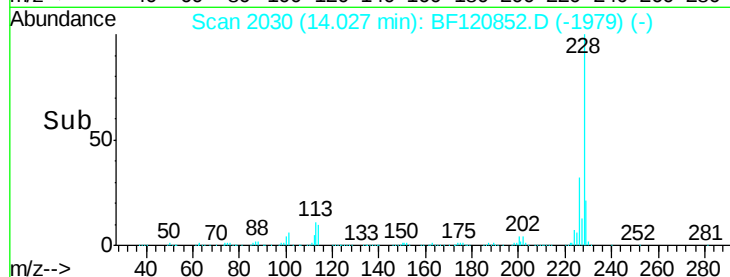
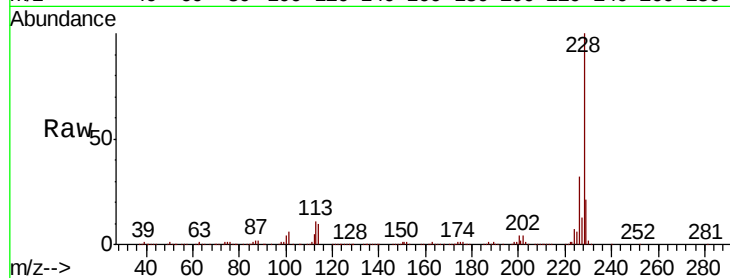
#83
 Chrysene
 Concen: 45.777 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.7	38.5
229	20.8	16.3	24.5

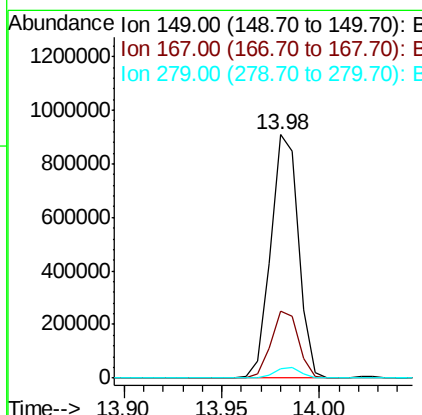
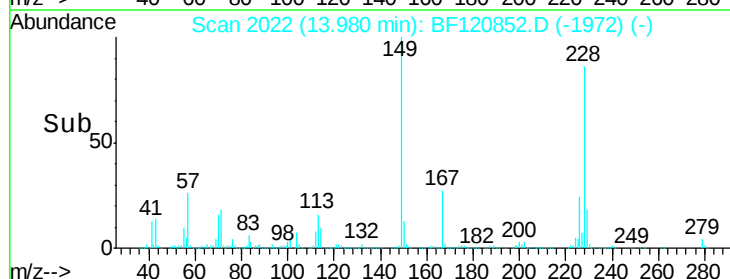
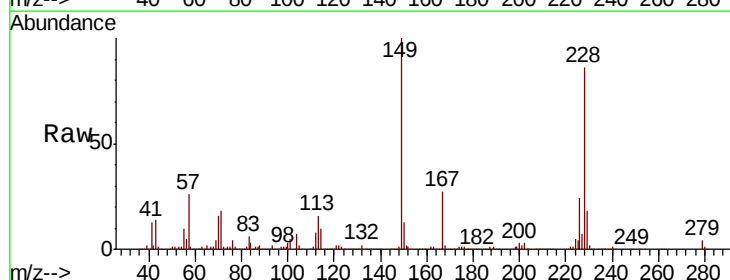
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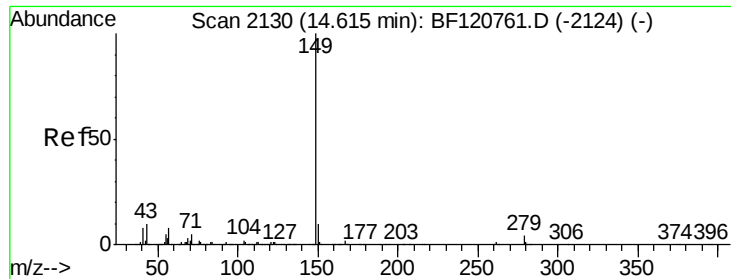
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.808 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	20.9	31.3
279	3.7	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 44.985 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.00 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

Instrument :

BNA_F

ClientSampleID :

EO-02-070920MS

Tot Ion:149 Resp: 1833650

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

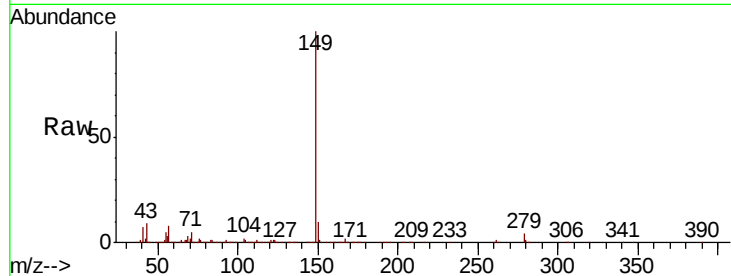
43 9.4 8.7 13.1

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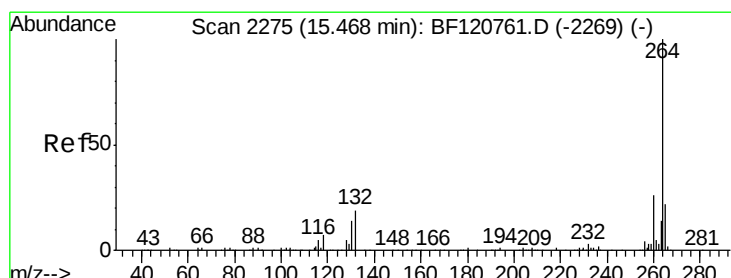
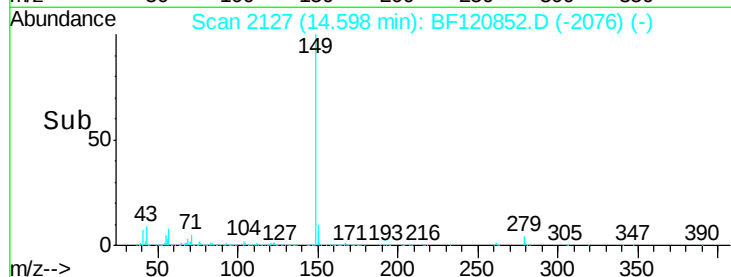
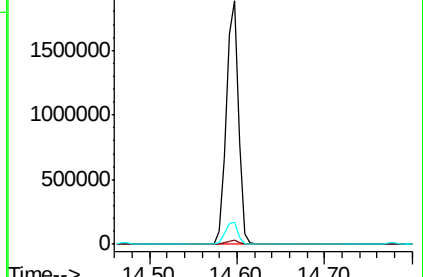
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF120852.D

Acq: 13 Jul 2020 14:43

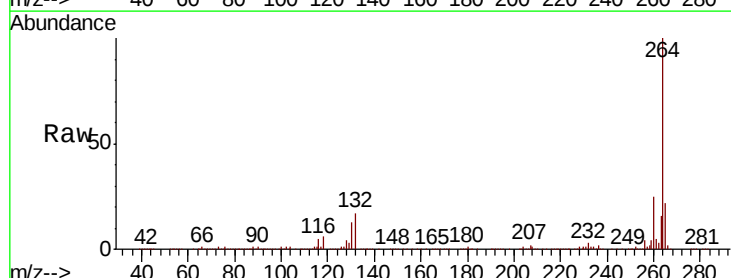
Tgt Ion:264 Resp: 429200

Ion Ratio Lower Upper

264 100

260 25.2 20.6 30.8

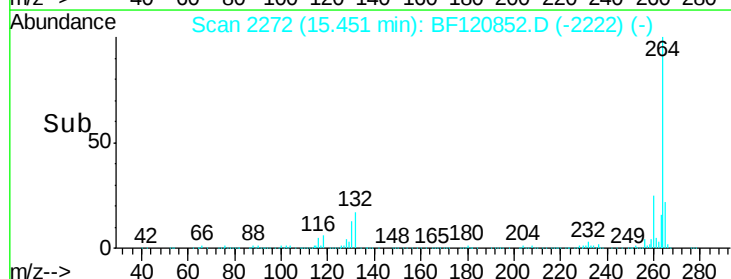
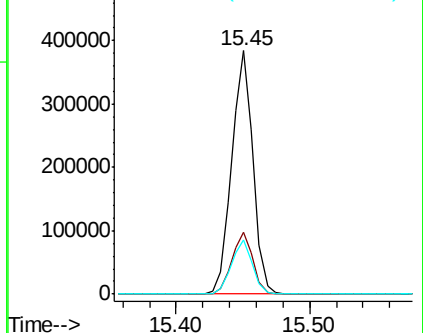
265 22.0 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





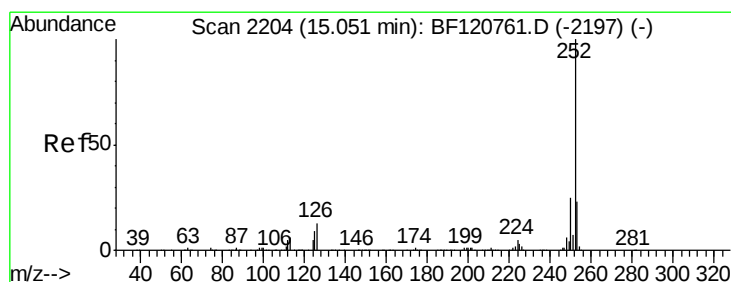
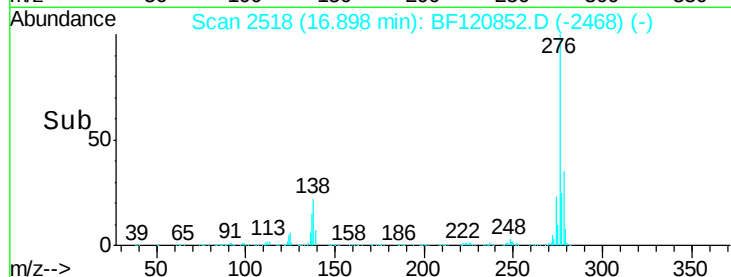
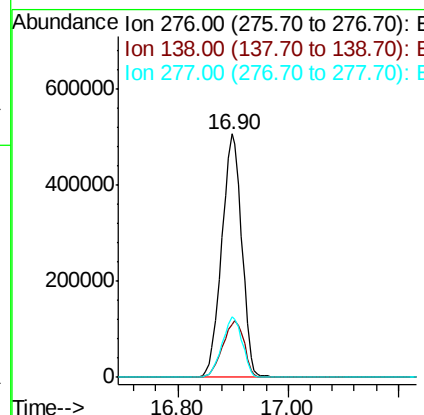
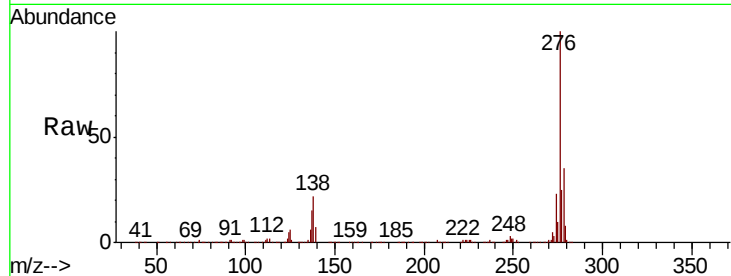
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.639 ng
 RT: 16.90 min Scan# 2518
 Delta R.T. -0.01 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070920MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.8	29.8
277	25.2	19.9	29.9

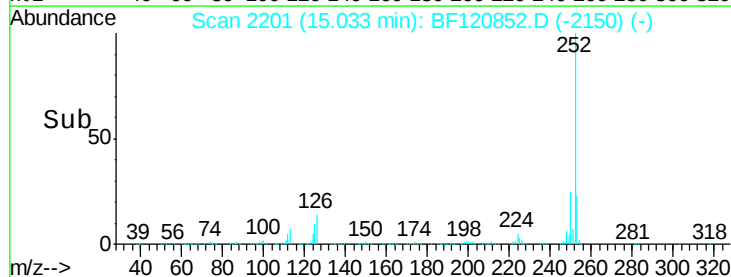
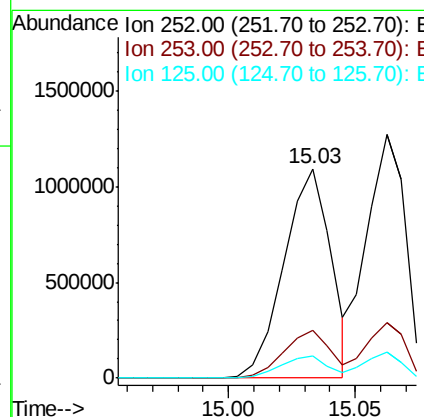
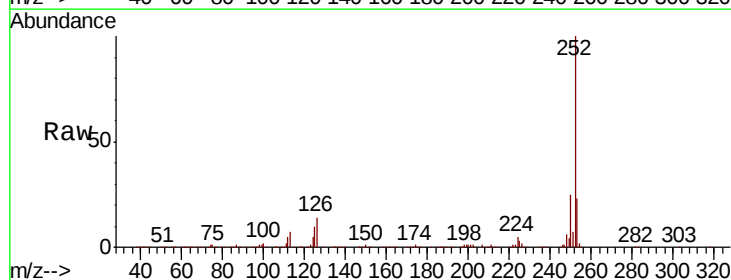
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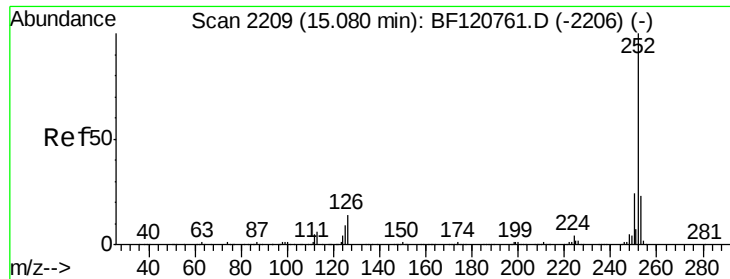
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 50.071 ng
 RT: 15.03 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BF120852.D
 Acq: 13 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	10.3	7.5	11.3





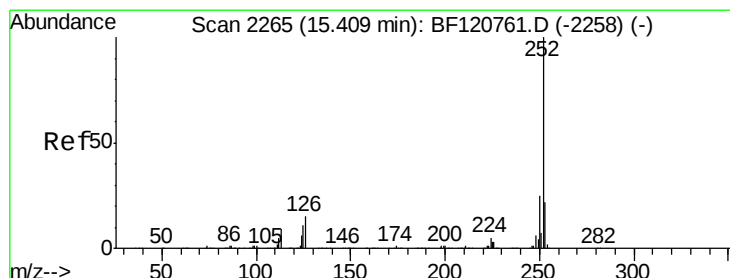
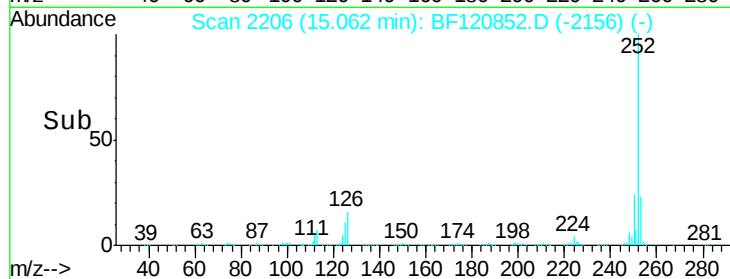
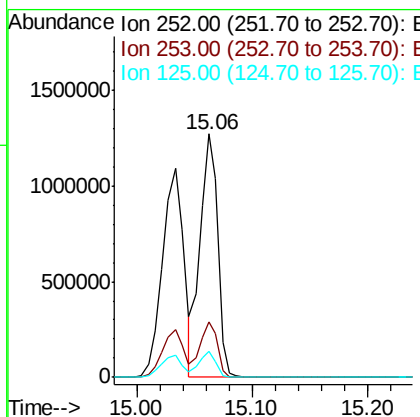
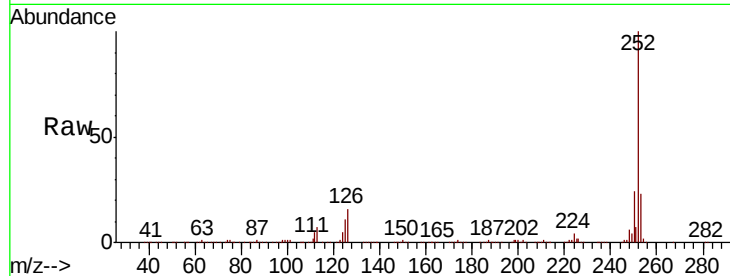
#89
Benzo(k)fluoranthene
Concen: 49.855 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	10.8	7.6	11.4

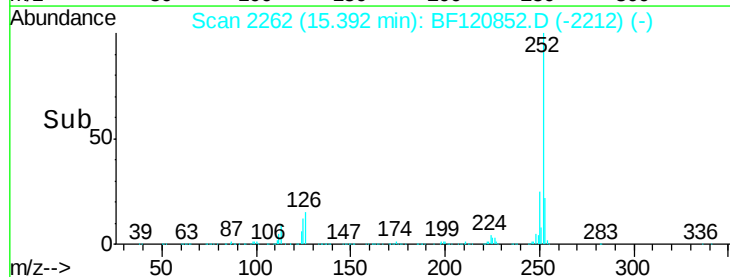
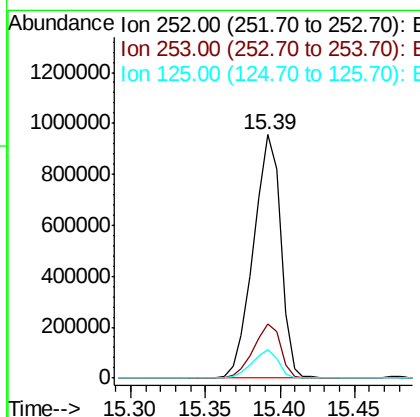
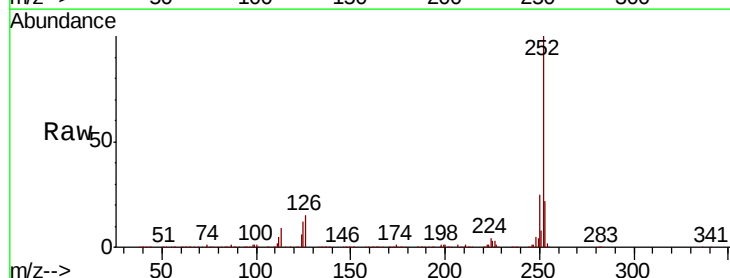
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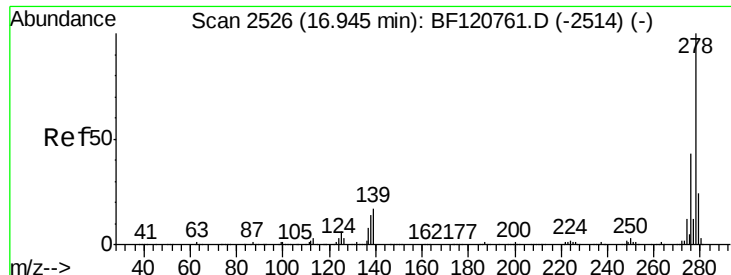
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#90
Benzo(a)pyrene
Concen: 47.910 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	11.7	9.2	13.8





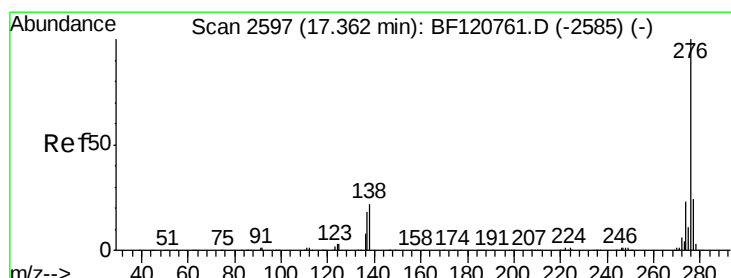
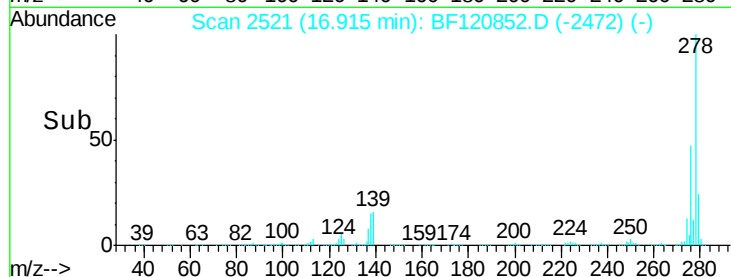
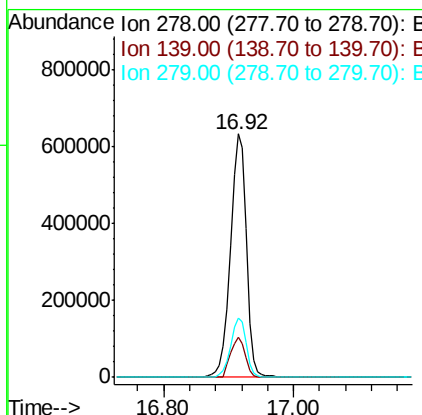
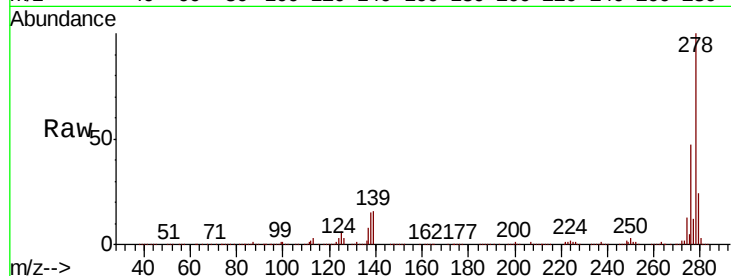
#91
Dibenzo(a,h)anthracene
Concen: 46.904 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Instrument :
BNA_F
ClientSampleId :
EO-02-070920MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.3	19.9
279	24.1	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 49.497 ng
RT: 17.33 min Scan# 2592
Delta R.T. -0.01 min
Lab File: BF120852.D
Acq: 13 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	21.0	17.4	26.2

