

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070220\
 Data File : BF120763.D
 Acq On : 2 Jul 2020 17:30
 Operator : JU/CG
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

mohammad
 7/7/2020 8:25:24 AM

Quant Time: Jul 02 19:00:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 17:30:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	138339	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	494261	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	243857	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	443430	20.00	ng	0.00
76) Chrysene-d12	14.02	240	305104	20.00	ng	0.00
86) Perylene-d12	15.47	264	271774	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1003170	121.37	ng	0.00
7) Phenol-d6	6.48	99	1259639	115.89	ng	0.00
23) Nitrobenzene-d5	7.42	82	1037897	120.51	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	292764	96.73	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1657113	95.79	ng	0.00
79) Terphenyl-d14	12.96	244	1748725	108.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	229707	64.973	ng	99
3) Pyridine	3.33	79	629469	62.781	ng	98
4) n-Nitrosodimethylamine	3.29	42	317544	78.852	ng	100
6) Aniline	6.52	93	822559	62.457	ng	99
8) 2-Chlorophenol	6.64	128	538105	59.874	ng	96
10) Phenol	6.49	94	641532m	61.201	ng	
11) bis(2-Chloroethyl)ether	6.59	93	533167	59.737	ng	97
12) 1,3-Dichlorobenzene	6.79	146	585157	58.966	ng	99
13) 1,4-Dichlorobenzene	6.87	146	577394	57.975	ng	99
14) 1,2-Dichlorobenzene	7.02	146	551390	56.138	ng	99
15) Benzyl Alcohol	6.99	79	470153	68.769	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	821569	68.328	ng	99
17) 2-Methylphenol	7.10	107	477929	61.673	ng	100
18) Hexachloroethane	7.37	117	225004	62.700	ng	92
19) n-Nitroso-di-n-propylamine	7.27	70	369041	59.200	ng	97
20) 3+4-Methylphenols	7.26	107	556540	53.109	ng	94
22) Acetophenone	7.26	105	671560	53.542	ng	# 92
24) Nitrobenzene	7.44	77	568844	63.275	ng	94
25) Isophorone	7.67	82	1054197	63.176	ng	98
26) 2-Nitrophenol	7.75	139	238262	49.545	ng	93
27) 2,4-Dimethylphenol	7.79	122	416894	57.826	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	623599	60.676	ng	99
29) 2,4-Dichlorophenol	7.99	162	430536	59.411	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	481510	56.730	ng	100
31) Naphthalene	8.16	128	1483119	60.140	ng	99
33) 4-Chloroaniline	8.20	127	644512	59.852	ng	98
34) Hexachlorobutadiene	8.27	225	285295	55.671	ng	98
35) Caprolactam	8.59	113	124773	53.047	ng	94
36) 4-Chloro-3-methylphenol	8.68	107	439080	60.471	ng	96
37) 2-Methylnaphthalene	8.85	142	967551	58.061	ng	98
38) 1-Methylnaphthalene	8.95	142	915553	58.574	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	433889	55.735	ng	100
41) Hexachlorocyclopentadiene	9.00	237	271336	76.270	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	301304	57.381	ng	99

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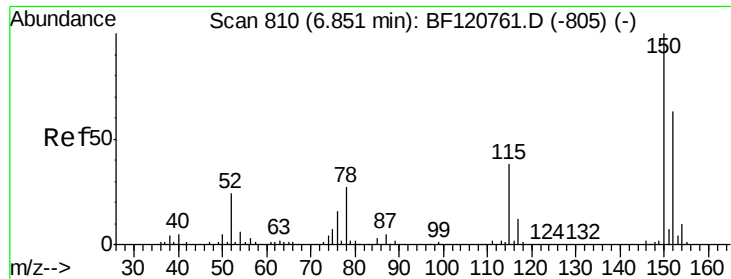
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.16	196	337723	57.238	nq	97
46) 1,1'-Biphenyl	9.32	154	1109168	56.125	nq	99
47) 2-Chloronaphthalene	9.34	162	907372	57.056	nq	98
48) 2-Nitroaniline	9.43	65	284271	61.292	nq	96
49) Acenaphthylene	9.75	152	1406721	56.962	nq	99
50) Dimethylphthalate	9.62	163	1018783	54.510	nq	100
51) 2,6-Dinitrotoluene	9.67	165	207672	50.259	nq	91
52) Acenaphthene	9.93	154	881684	62.379	nq	100
53) 3-Nitroaniline	9.85	138	255842	52.744	nq	93
54) 2,4-Dinitrophenol	9.94	184	78153	47.762	nq	# 86
55) Dibenzofuran	10.10	168	1242145	57.651	nq	98
56) 4-Nitrophenol	9.99	139	189567	63.253	nq	96
57) 2,4-Dinitrotoluene	10.07	165	259914	51.443	nq	92
58) Fluorene	10.44	166	878998	52.410	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	248494m	55.752	nq	
60) Diethylphthalate	10.32	149	1065231	57.986	nq	98
61) 4-Chlorophenyl-phenylether	10.43	204	444154	52.174	nq	97
62) 4-Nitroaniline	10.46	138	242885	50.071	nq	99
63) Azobenzene	10.59	77	1045333	62.336	nq	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	111253	45.459	nq	92
66) n-Nitrosodiphenylamine	10.55	169	850433	58.313	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	303548	56.242	nq	97
68) Hexachlorobenzene	10.99	284	316051	55.185	nq	# 91
69) Atrazine	11.07	200	207875	52.951	nq	98
70) Pentachlorophenol	11.17	266	193428	100.892	nq	99
71) Phenanthrene	11.40	178	1361821	59.050	nq	100
72) Anthracene	11.45	178	1358702	58.745	nq	99
73) Carbazole	11.60	167	1304238	59.309	nq	100
74) Di-n-butylphthalate	11.94	149	1614606	60.696	nq	99
75) Fluoranthene	12.59	202	1430932	55.228	nq	99
77) Benzidine	12.71	184	492432	54.370	nq	99
78) Pyrene	12.82	202	1457726	58.763	nq	100
80) Butylbenzylphthalate	13.44	149	653292	62.451	nq	98
81) Benzo(a)anthracene	14.00	228	1090630	55.556	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	406124	55.425	nq	99
83) Chrysene	14.04	228	1195974	58.070	nq	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	769241	58.974	nq	99
85) Di-n-octyl phthalate	14.62	149	1472591	59.588	nq	100
87) Indeno(1,2,3-cd)pyrene	16.93	276	1063887	61.960	nq	100
88) Benzo(b)fluoranthene	15.05	252	1054998	60.635	nq	100
89) Benzo(k)fluoranthene	15.08	252	1050850	68.942	nq	99
90) Benzo(a)pyrene	15.42	252	948525	63.445	nq	98
91) Dibenzo(a,h)anthracene	16.95	278	895398	63.729	nq	99
92) Benzo(g,h,i)perylene	17.37	276	804422	57.221	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF120763.D

Acq: 2 Jul 2020 17:30

Instrument :

BNA_F

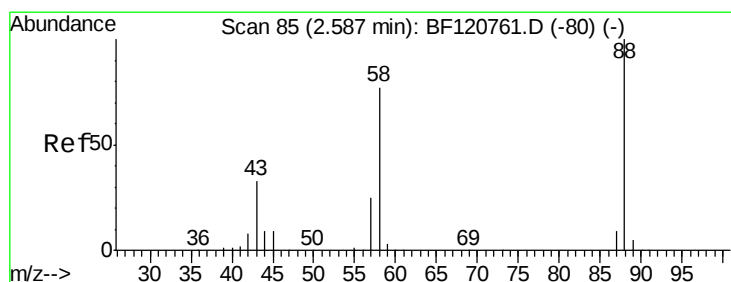
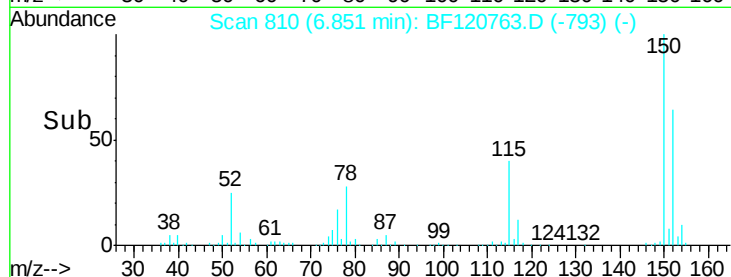
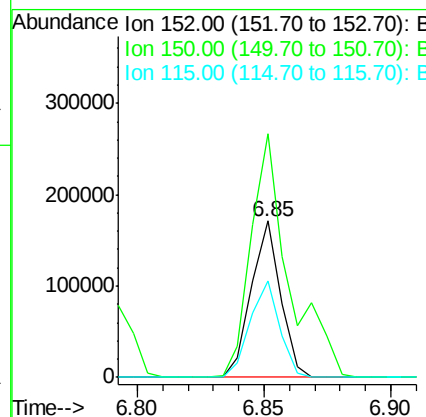
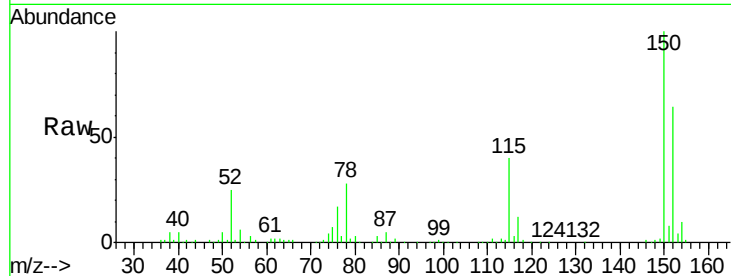
ClientSampleId :

SSTDIC060

Tot Ion:	152	Resp:	138339
Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.1	189.1
115	61.6	48.5	72.7

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#2

1,4-Dioxane

Concen: 64.973 ng

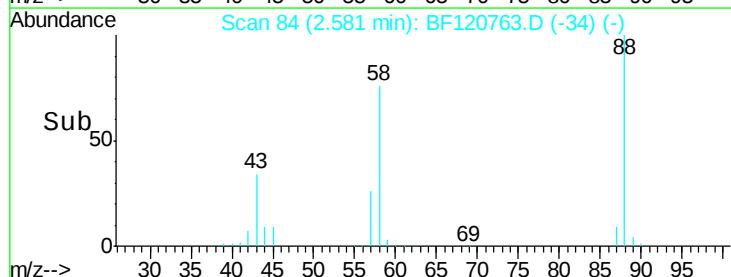
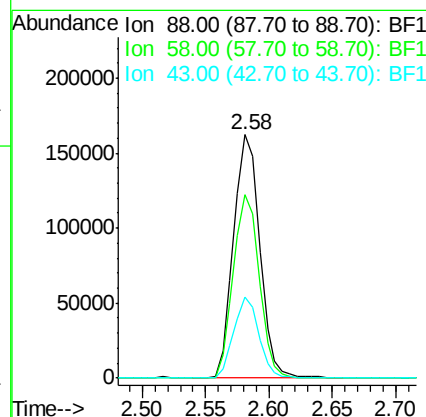
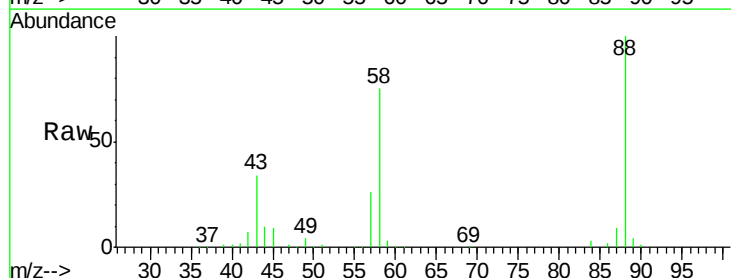
RT: 2.58 min Scan# 84

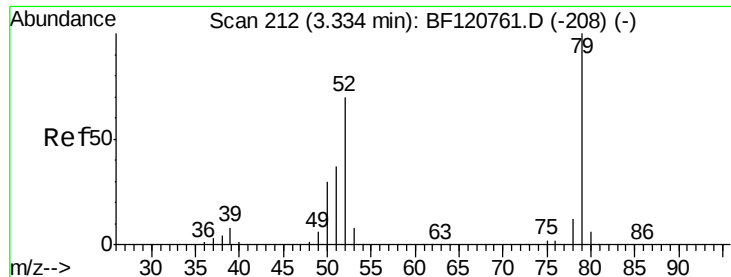
Delta R.T. -0.01 min

Lab File: BF120763.D

Acq: 2 Jul 2020 17:30

Tgt Ion:	88	Resp:	229707
Ion	Ratio	Lower	Upper
88	100		
58	75.1	60.4	90.6
43	32.6	26.3	39.5





#3

Pvridine

Concen: 62.781 ng

RT: 3.33 min Scan# 211

Delta R.T. -0.01 min

Lab File: BF120763.D

Acq: 2 Jul 2020 17:30

Instrument :

BNA_F

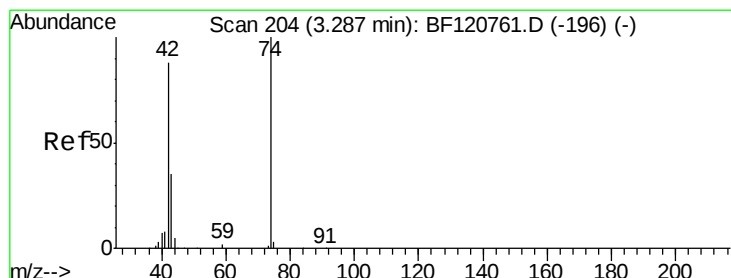
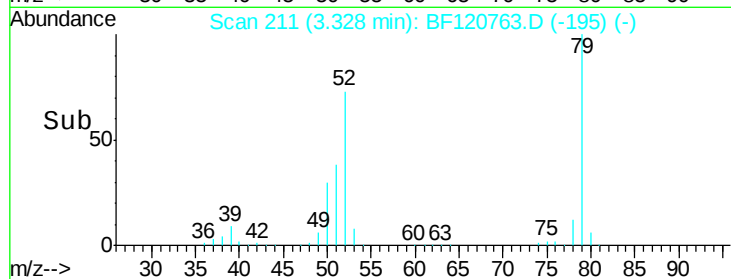
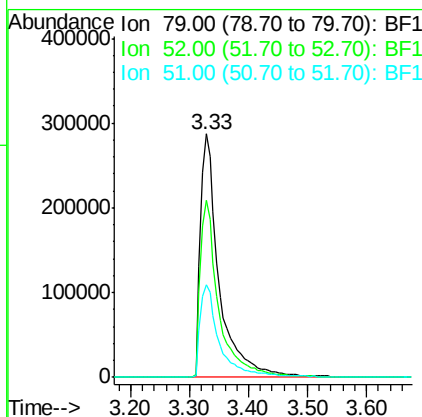
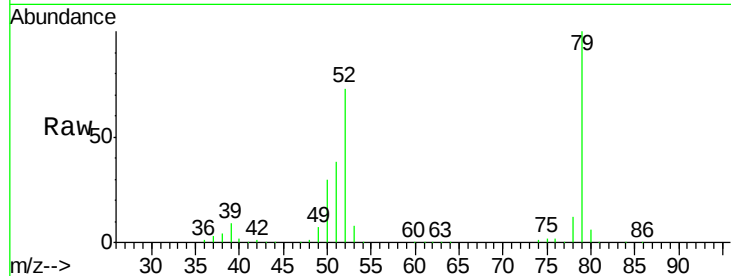
ClientSampleId :

SSTDICC060

Tot Ion:	79	Resp:	629469
Ion	Ratio	Lower	Upper
79	100		
52	72.7	56.3	84.5
51	38.2	30.1	45.1

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#4

n-Nitrosodimethylamine

Concen: 78.852 ng

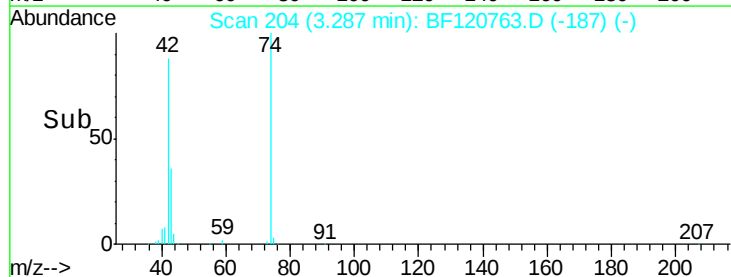
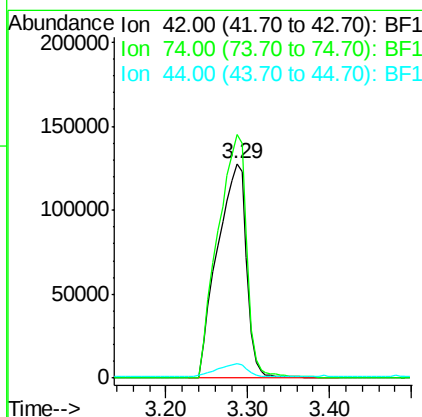
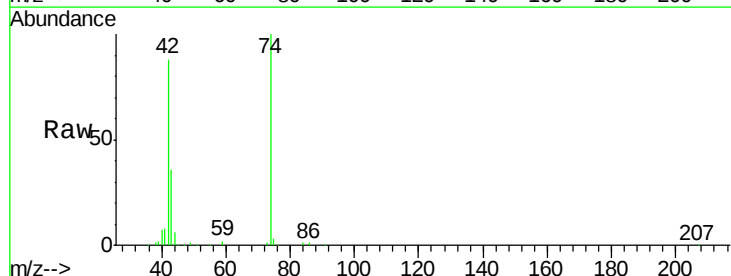
RT: 3.29 min Scan# 204

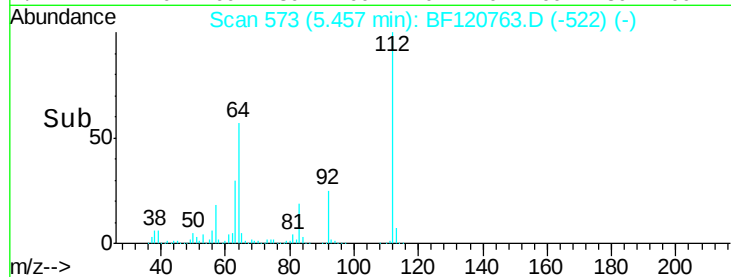
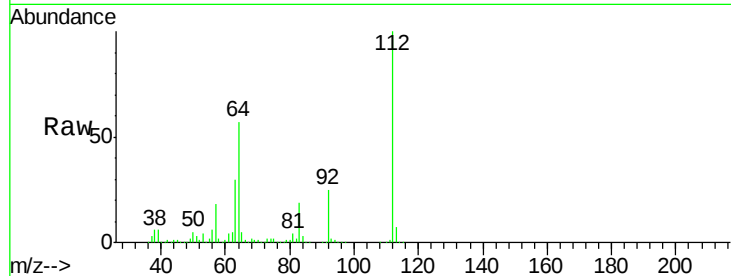
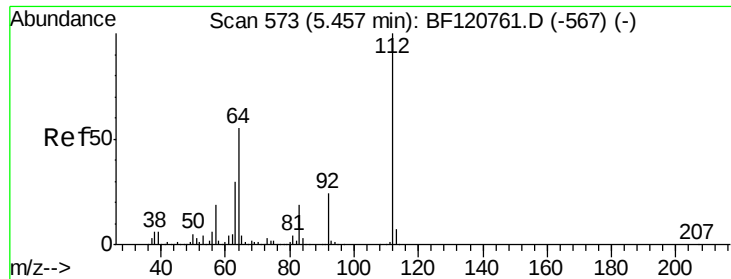
Delta R.T. 0.00 min

Lab File: BF120763.D

Acq: 2 Jul 2020 17:30

Tgt Ion:	42	Resp:	317544
Ion	Ratio	Lower	Upper
42	100		
74	113.4	90.8	136.2
44	6.6	5.8	8.8





#5

2-Fluorophenol

Concen: 121.370 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF120763.D

Acq: 2 Jul 2020 17:30

Tot Ion:	112	Resp:	1003170
Ion	Ratio	Lower	Upper
112	100		
64	57.1	43.8	65.6
63	29.9	23.6	35.4

Instrument :

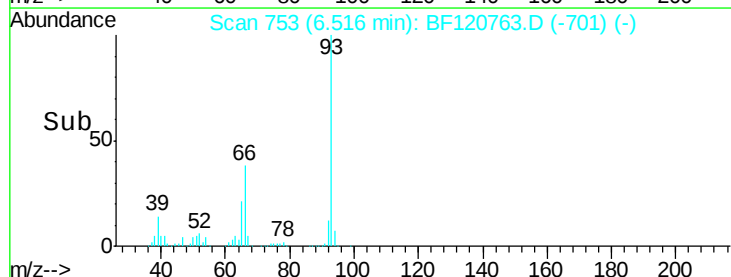
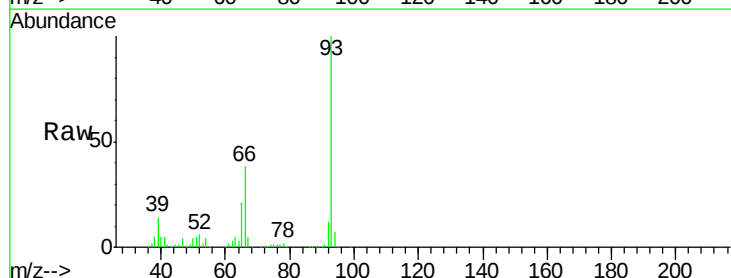
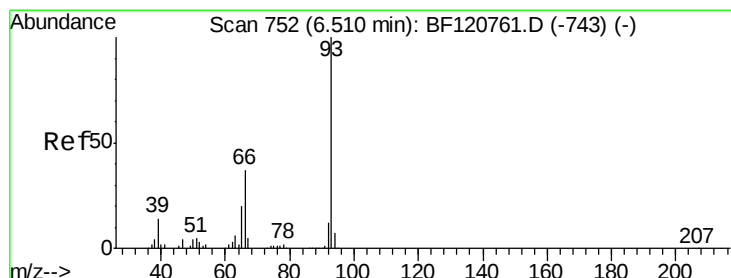
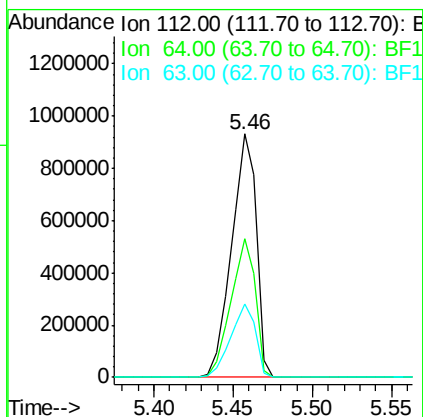
BNA_F

ClientSampleId :

SSTDIC060

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#6

Aniline

Concen: 62.457 ng

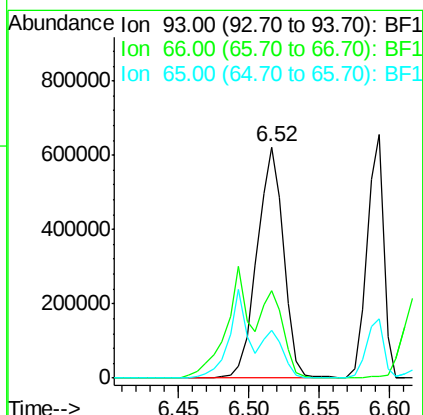
RT: 6.52 min Scan# 753

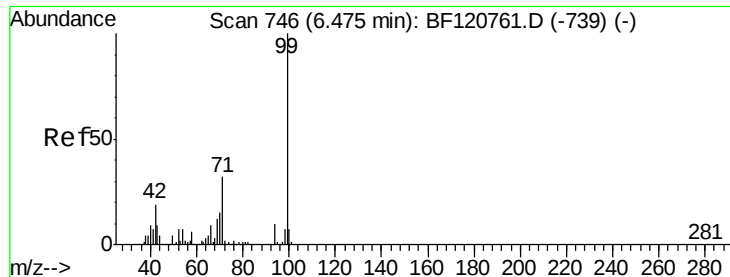
Delta R.T. 0.01 min

Lab File: BF120763.D

Acq: 2 Jul 2020 17:30

Tgt Ion:	93	Resp:	822559
Ion	Ratio	Lower	Upper
93	100		
66	38.1	31.3	46.9
65	20.6	16.5	24.7





#7

Phenol-d6

Concen: 115.895 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120763.D

Acq: 2 Jul 2020 17:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 99 Resp: 1259639

Ion Ratio Lower Upper

99 100

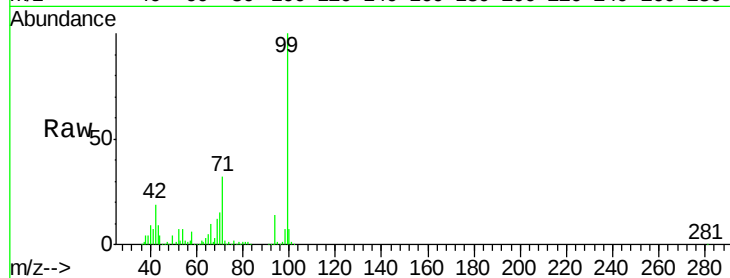
42 18.8 15.4 23.0

71 32.3 25.9 38.9

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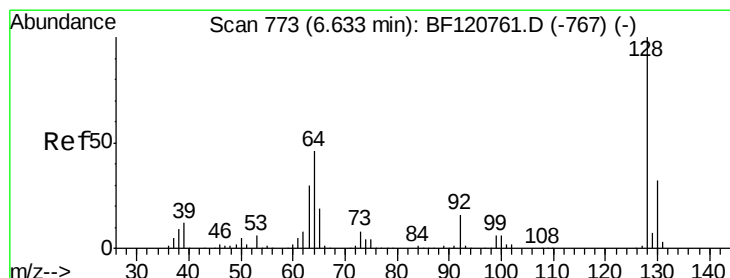
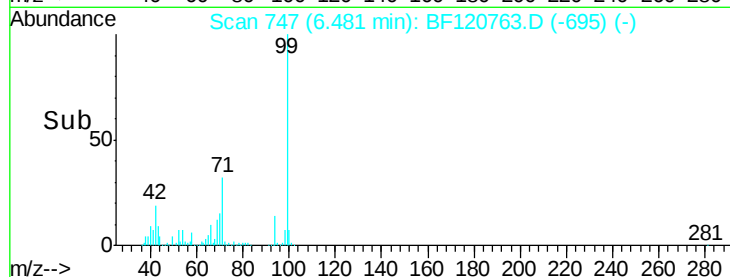
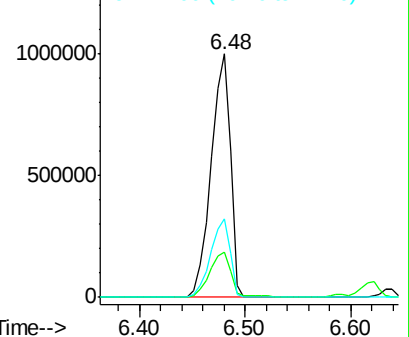
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 59.874 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF120763.D

Acq: 2 Jul 2020 17:30

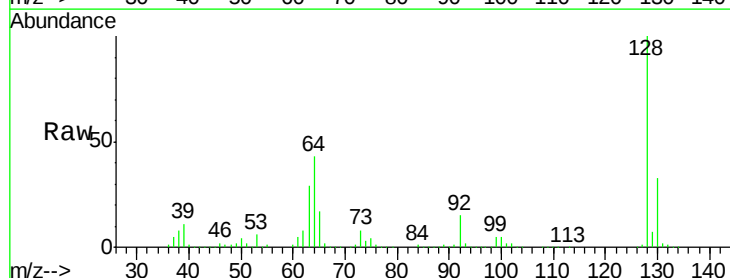
Tgt Ion: 128 Resp: 538105

Ion Ratio Lower Upper

128 100

130 33.2 12.1 52.1

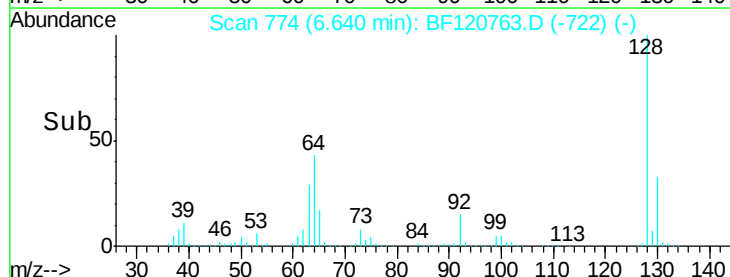
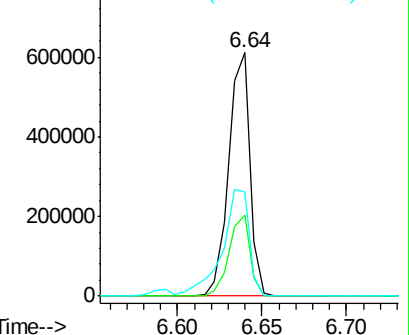
64 43.0 26.3 66.3

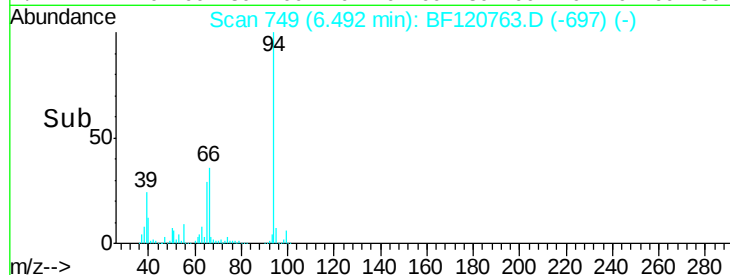
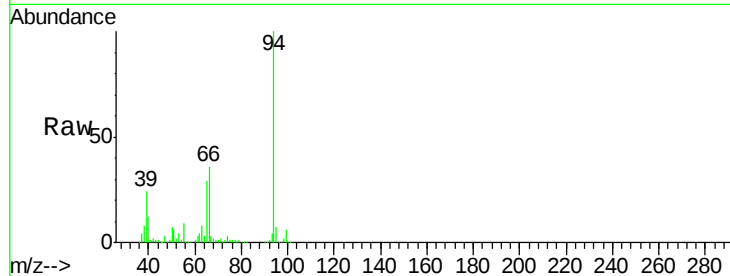
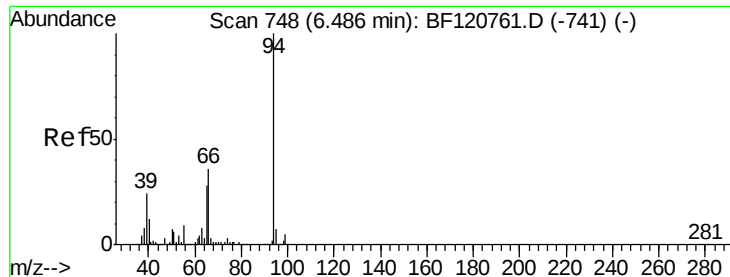


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#10

Phenol

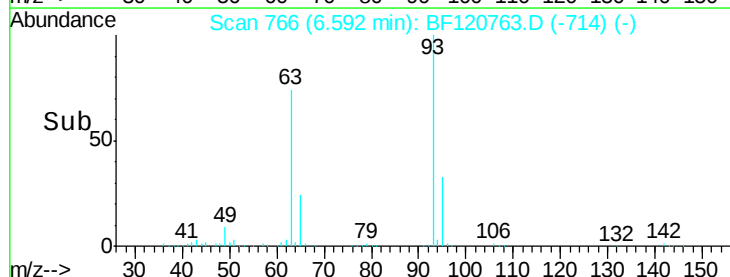
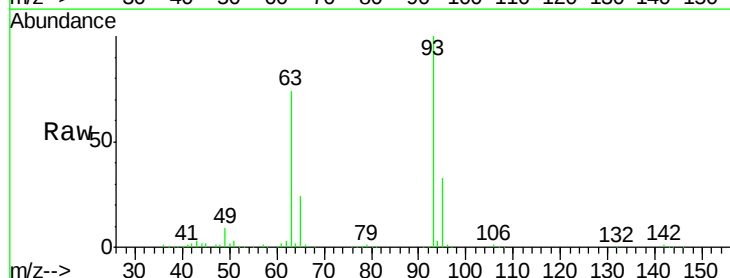
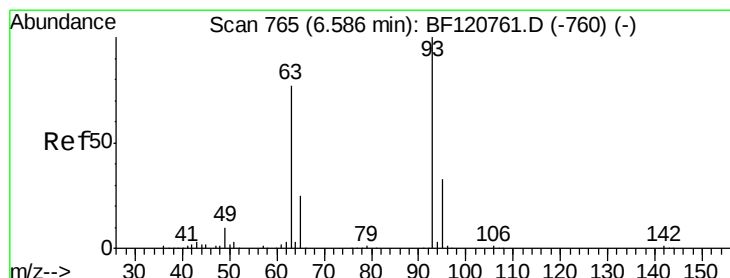
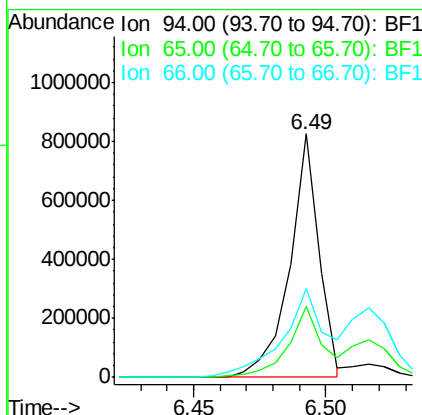
Concen: 61.201 ng/mL
 RT: 6.49 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF120763.D
 Acq: 2 Jul 2020 17:30

Tot Ion	Ratio	Lower	Upper
94	100		
65	29.0	8.4	48.4
66	36.4	16.5	56.5

Instrument :
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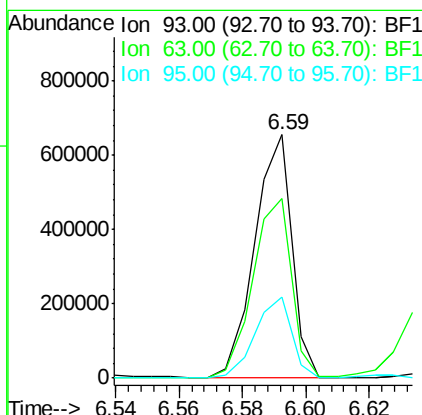


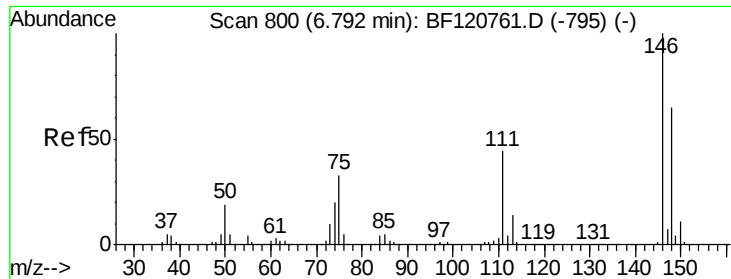
#11

bis(2-Chloroethyl)ether

Concen: 59.737 ng/mL
 RT: 6.59 min Scan# 766
 Delta R.T. 0.01 min
 Lab File: BF120763.D
 Acq: 2 Jul 2020 17:30

Tgt Ion	Ratio	Lower	Upper
93	100		
63	73.7	56.9	96.9
95	33.1	13.3	53.3





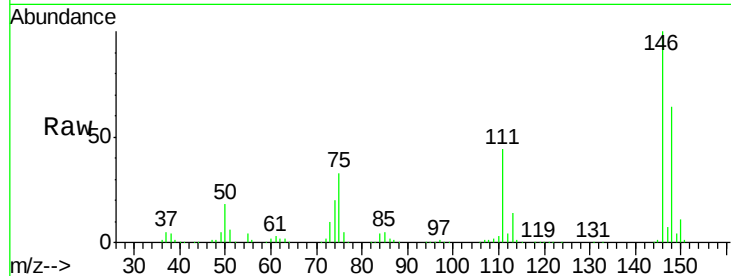
#12
 1,3-Dichlorobenzene
 Concen: 58.966 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF120763.D
 Acq: 2 Jul 2020 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

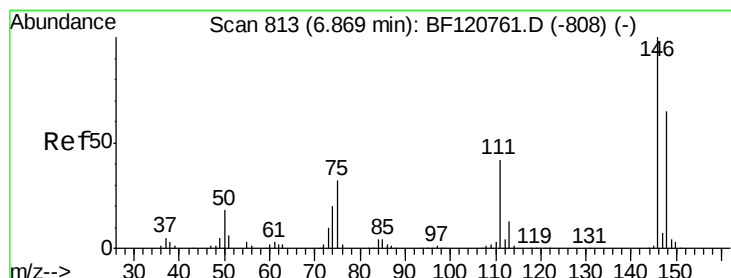
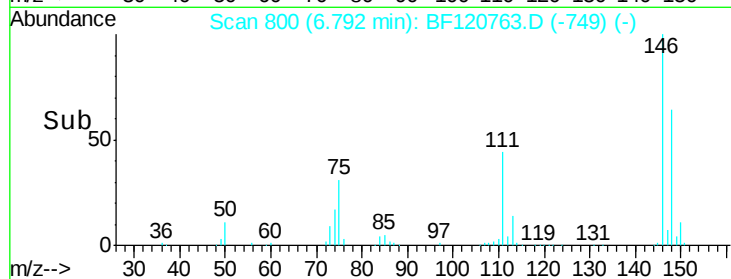
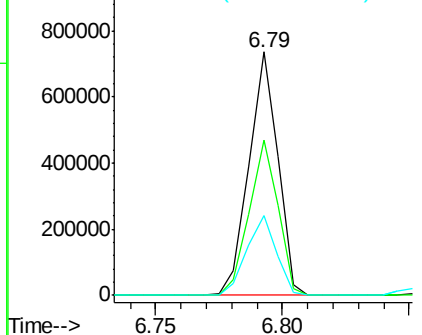
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.1	78.1
75	32.7	26.0	39.0

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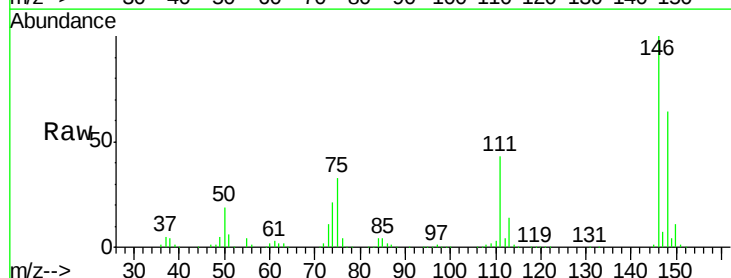


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

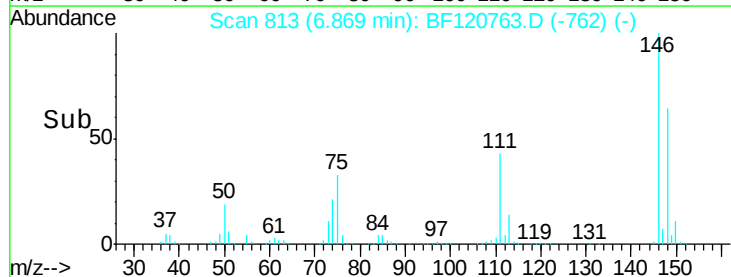
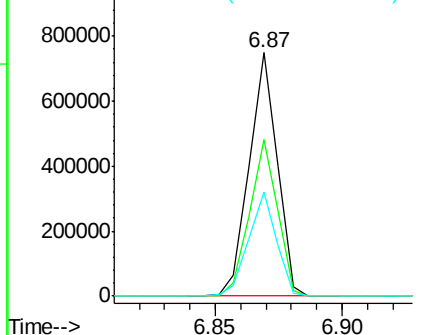


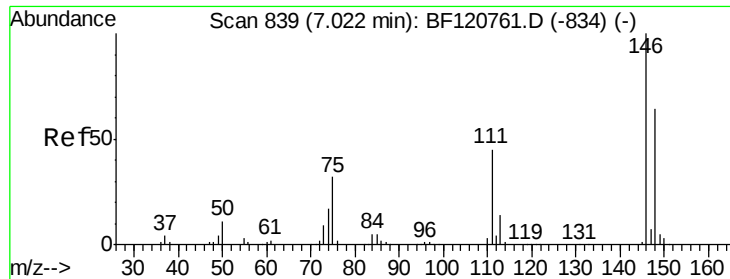
#13
 1,4-Dichlorobenzene
 Concen: 57.975 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF120763.D
 Acq: 2 Jul 2020 17:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.6
111	42.6	33.7	50.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 56.138 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF120763.D

Acq: 2 Jul 2020 17:30

Instrument :

BNA_F

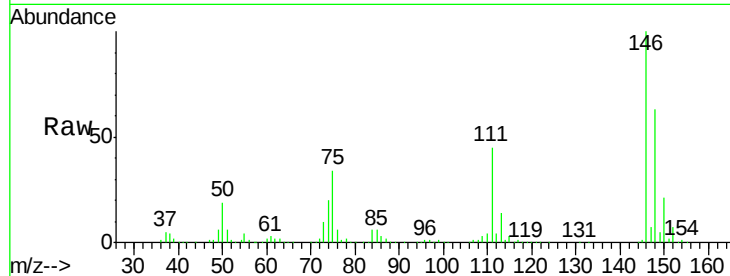
ClientSampleId :

SSTDICC060

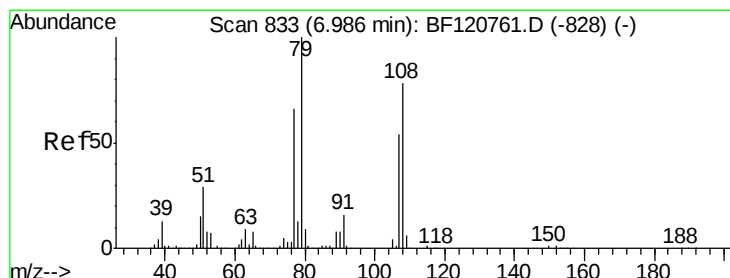
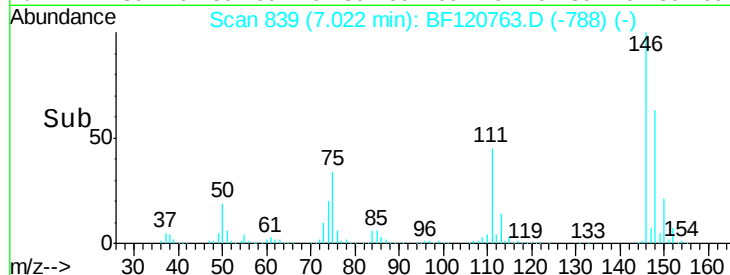
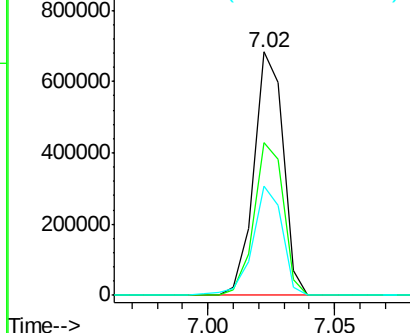
Tot Ion:	146	Resp:	551390
Ion Ratio	Lower	Upper	
146	100		
148	62.5	51.0	76.4
111	45.0	35.7	53.5

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 68.769 ng

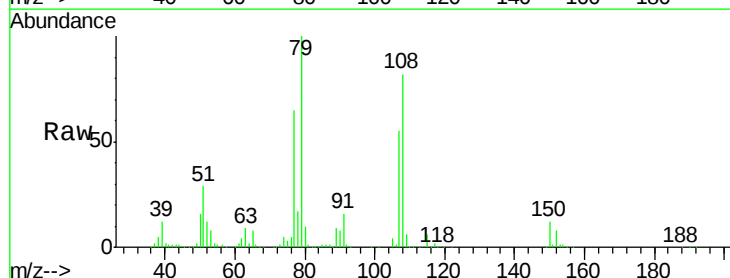
RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

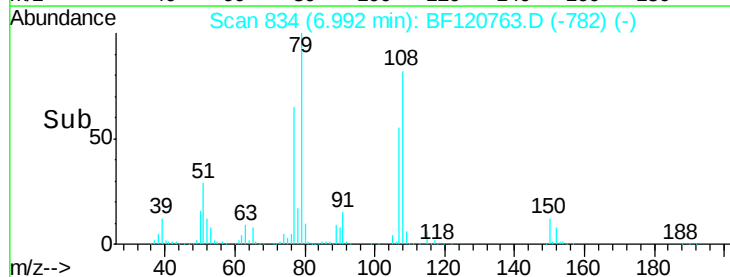
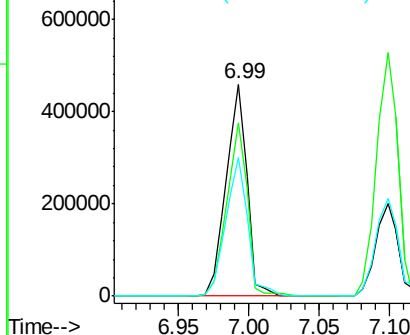
Lab File: BF120763.D

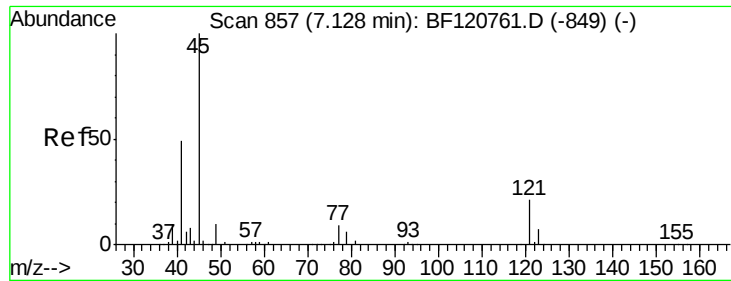
Acq: 2 Jul 2020 17:30

Tgt Ion:	79	Resp:	470153
Ion Ratio	Lower	Upper	
79	100		
108	81.6	62.4	93.6
77	65.2	52.7	79.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1





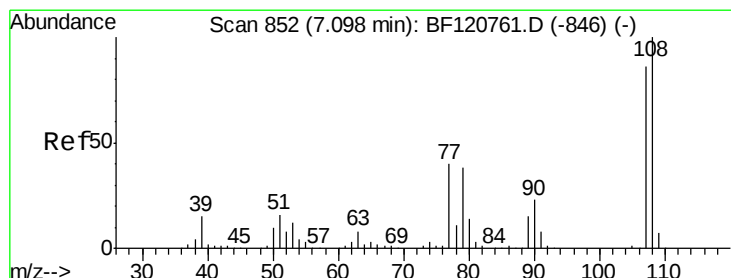
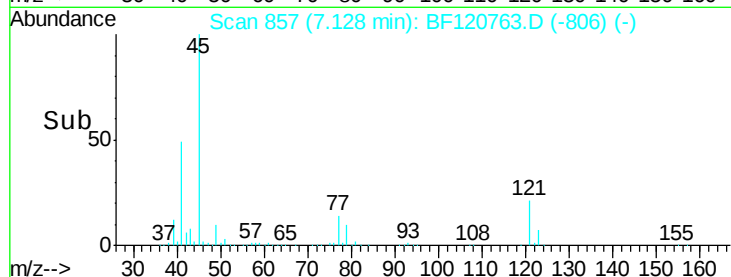
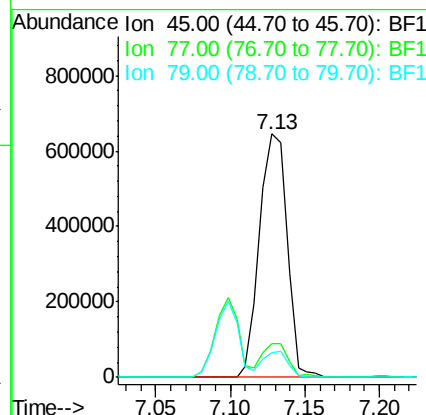
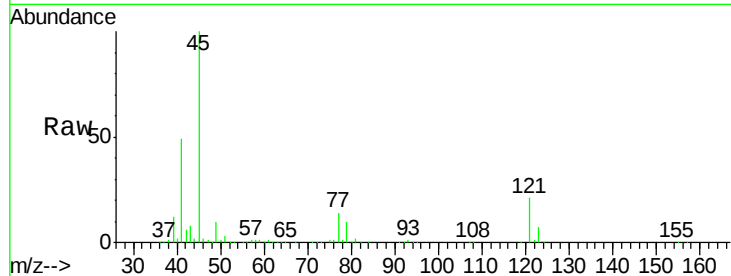
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 68.328 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	33.7
79	10.1	0.0	30.5

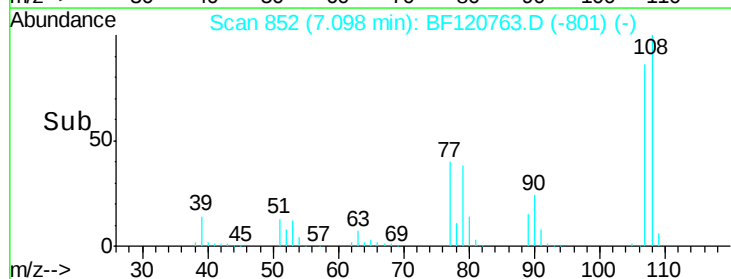
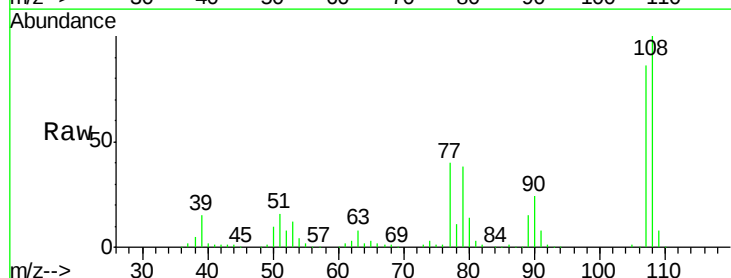
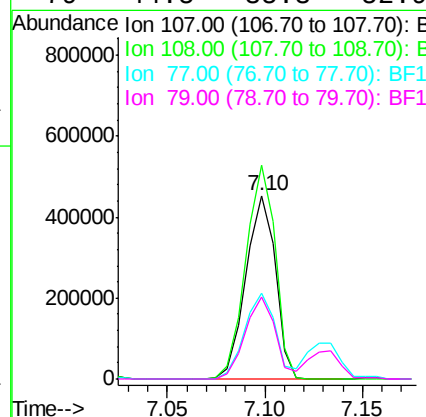
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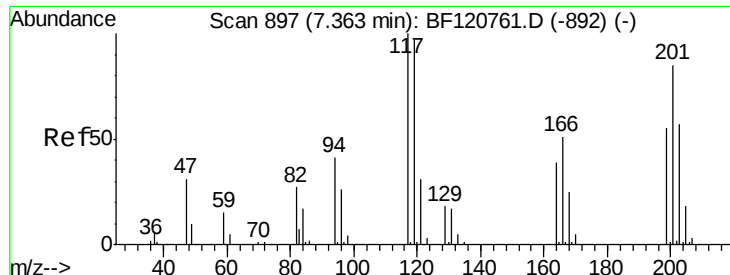
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#17
2-Methylphenol
Concen: 61.673 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	116.6	93.1	139.7
77	46.9	37.3	55.9
79	44.5	35.3	52.9





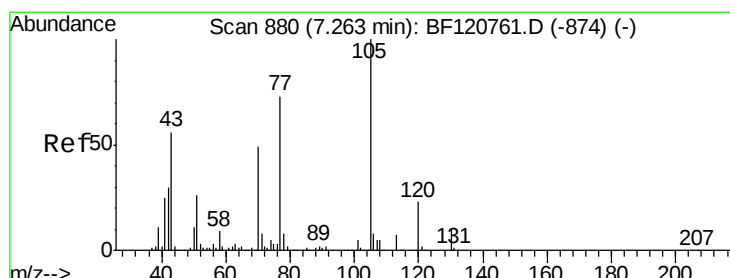
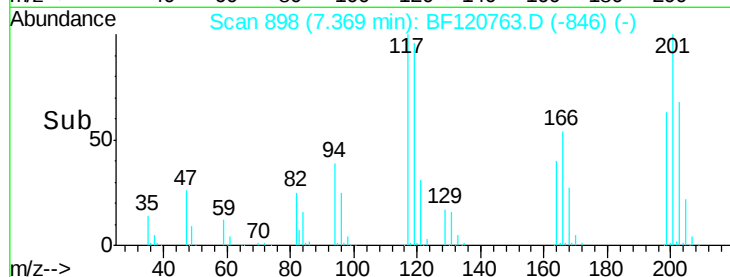
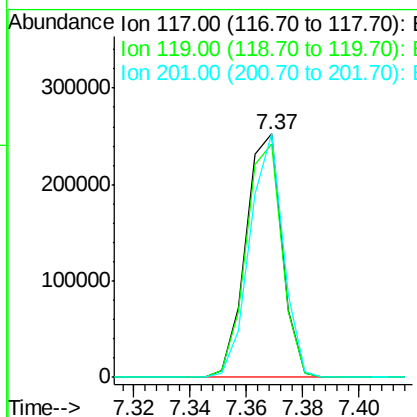
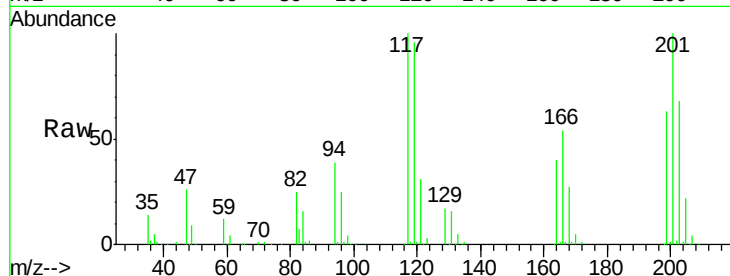
#18
Hexachloroethane
Concen: 62.700 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
117	100	225004		
119	95.9		77.9	116.9
201	99.9		68.3	102.5

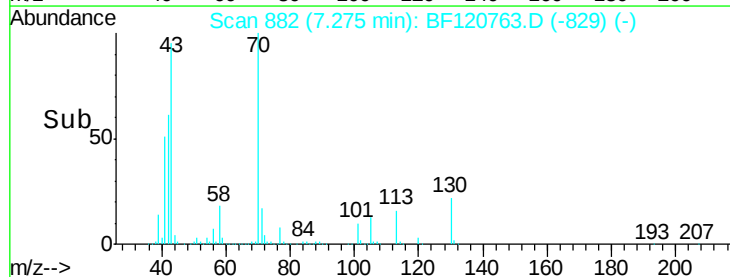
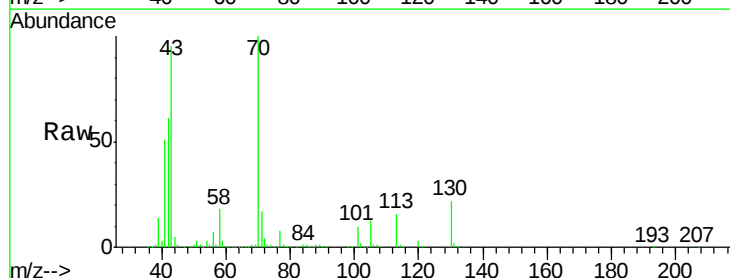
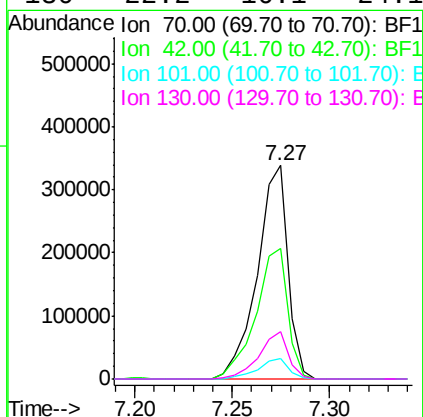
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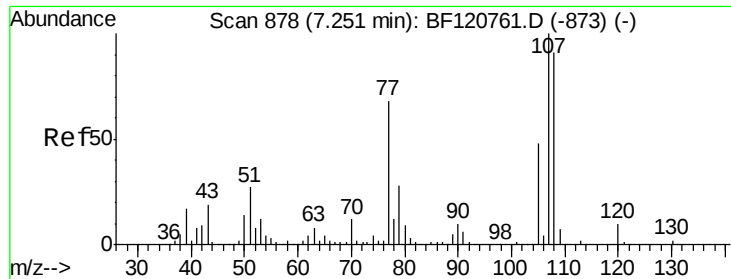
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#19
n-Nitroso-di-n-propylamine
Concen: 59.200 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	369041		
42	60.9		50.3	75.5
101	9.7		7.5	11.3
130	22.2		16.1	24.1





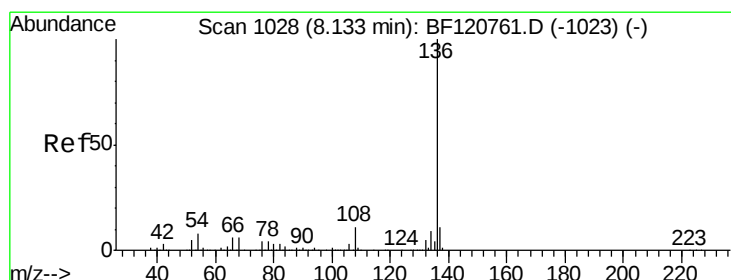
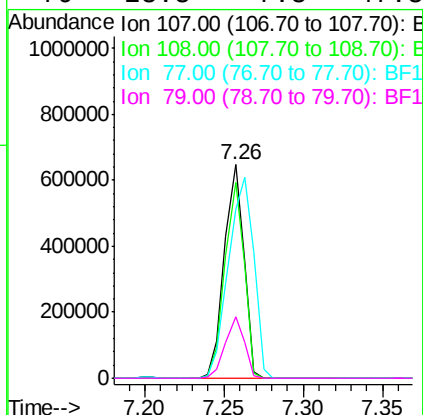
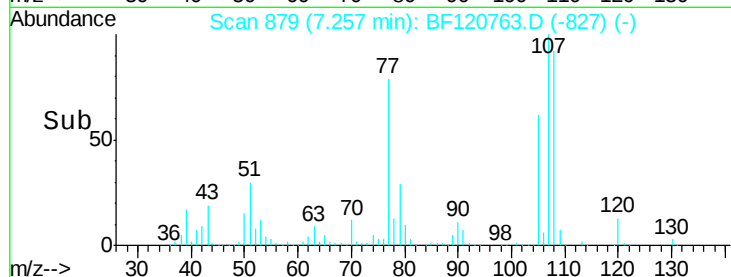
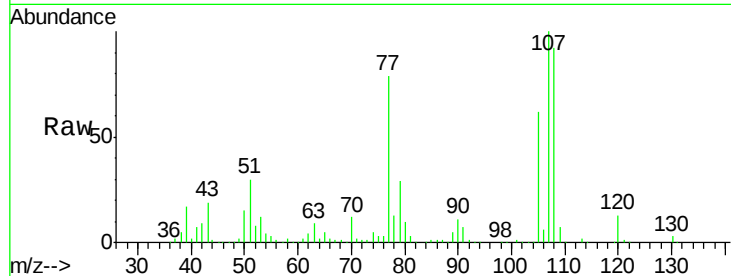
#20
3+4-Methylphenols
Concen: 53.109 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	556540		
108	108	92.0		70.9	110.9
77	77	79.4		48.3	88.3
79	79	28.8		7.8	47.8

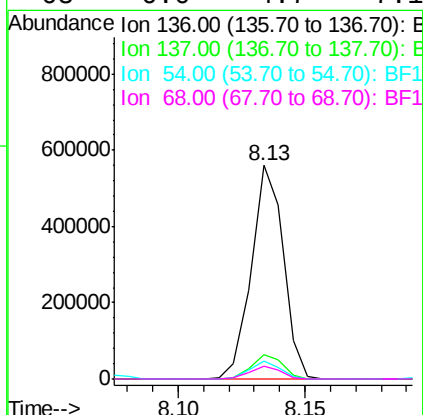
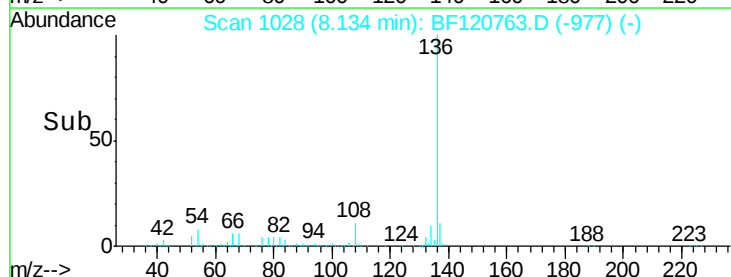
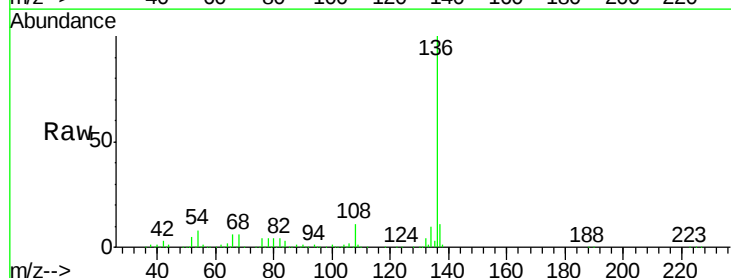
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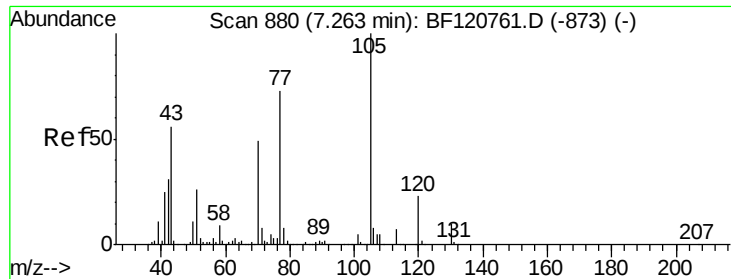
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100	494261		
137	137	11.4		9.0	13.6
54	54	8.5		6.2	9.4
68	68	6.0		4.7	7.1





#22

Acetophenone

Concen: 53.542 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF120763.D

Acq: 2 Jul 2020 17:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 105 Resp: 671560
Ion Ratio Lower Upper

105 100

71 4.2 6.5 9.7#

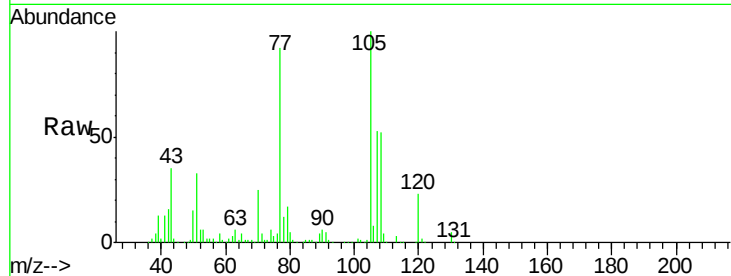
51 33.3 21.0 31.4#

120 22.6 18.6 28.0

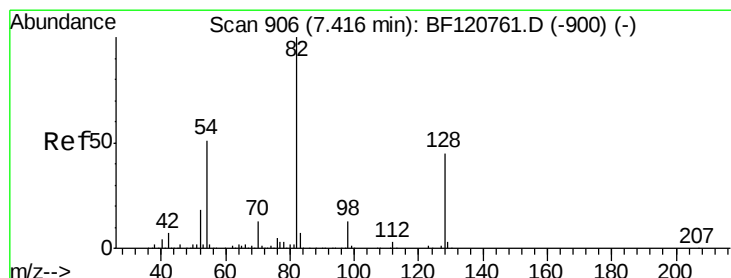
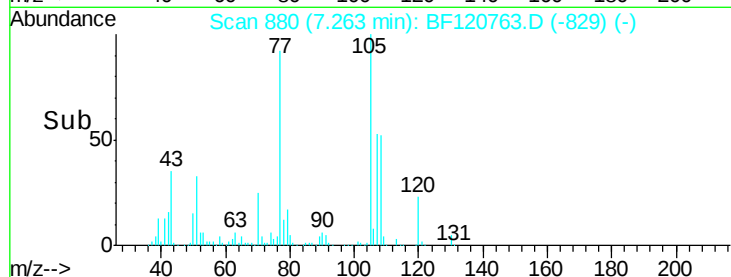
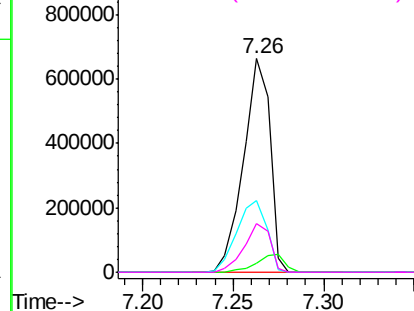
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Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 120.507 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF120763.D

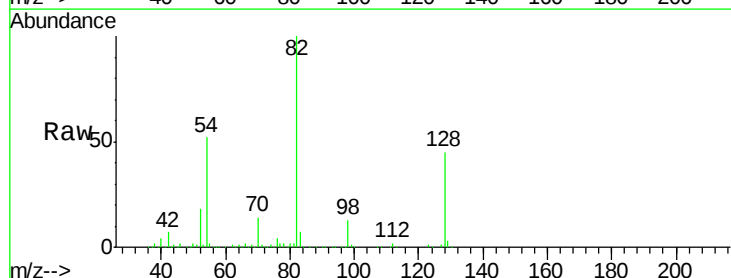
Acq: 2 Jul 2020 17:30

Tgt Ion: 82 Resp: 1037897
Ion Ratio Lower Upper

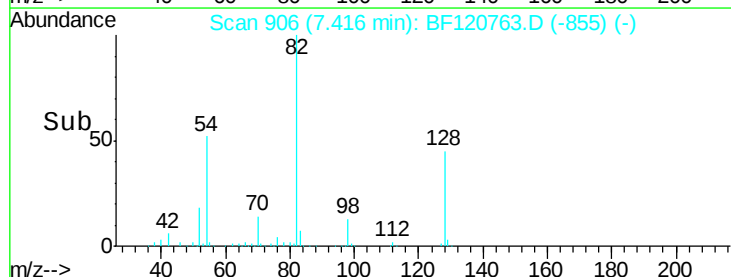
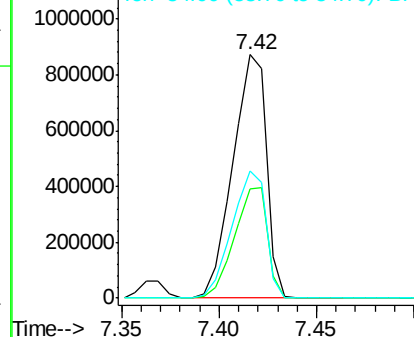
82 100

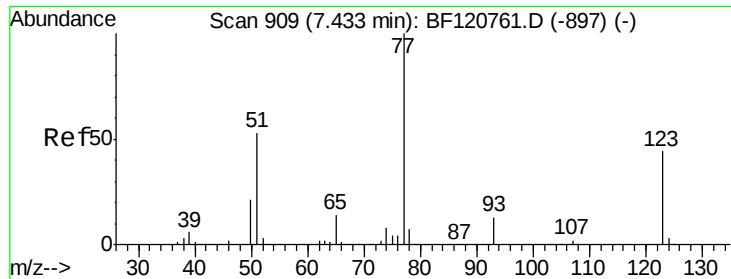
128 45.0 35.7 53.5

54 52.4 40.9 61.3



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





#24

Nitrobenzene

Concen: 63.275 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.01 min

Lab File: BF120763.D

Acq: 2 Jul 2020 17:30

Instrument :

BNA_F

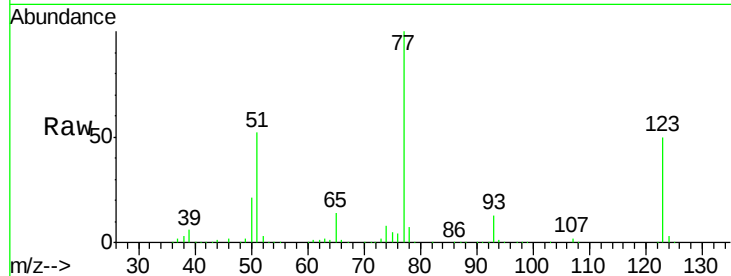
ClientSampleId :

SSTDIC060

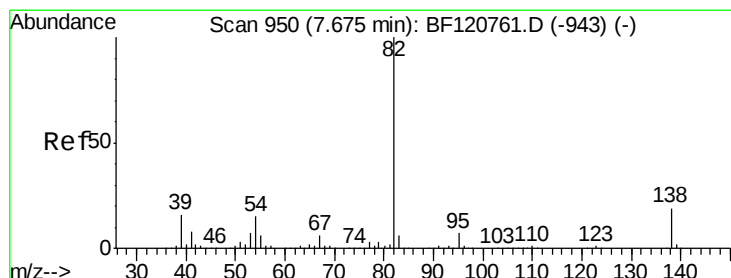
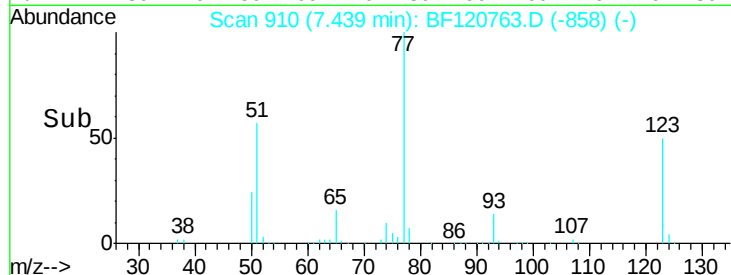
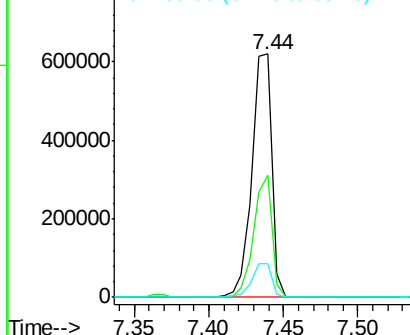
Tot Ion:	77	Resp:	568844
Ion Ratio	Lower	Upper	
77	100		
123	50.2	36.1	54.1
65	13.9	11.0	16.4

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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: 63.176 ng

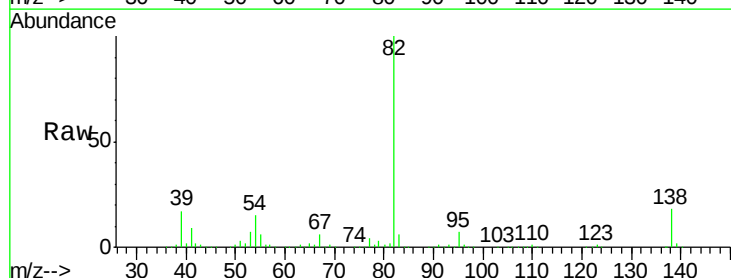
RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

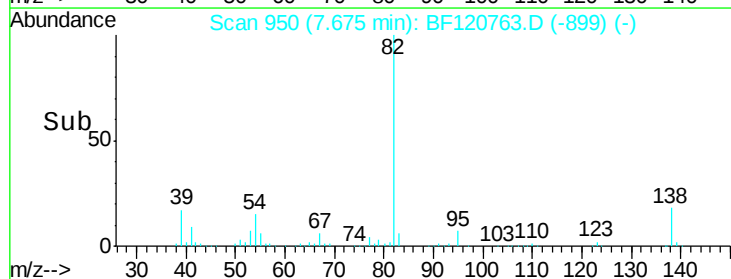
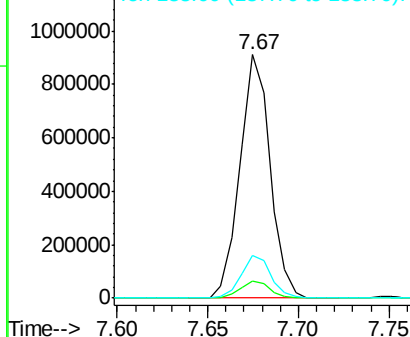
Lab File: BF120763.D

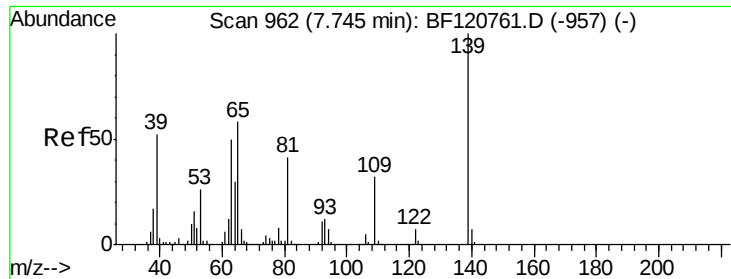
Acq: 2 Jul 2020 17:30

Tgt Ion:	82	Resp:	1054197
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	17.6	15.0	22.4



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: 49.545 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF120763.D

Acq: 2 Jul 2020 17:30

Instrument :

BNA_F

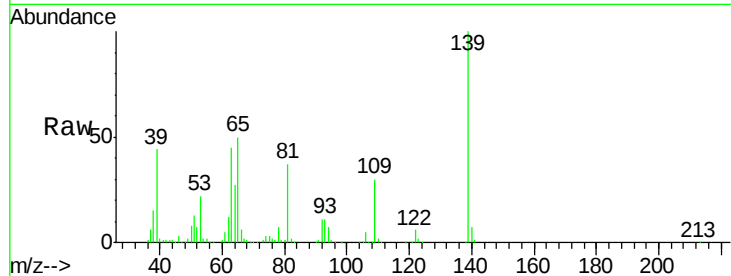
ClientSampled :

SSTDICC060

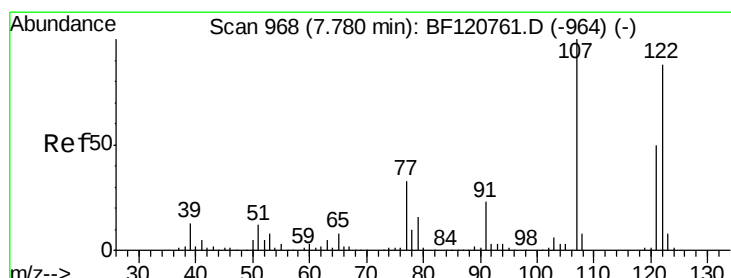
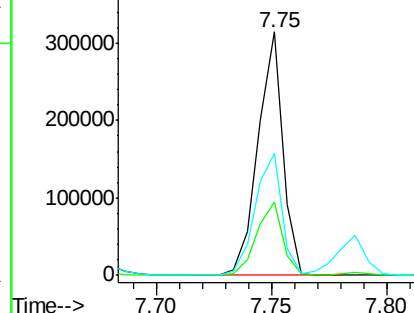
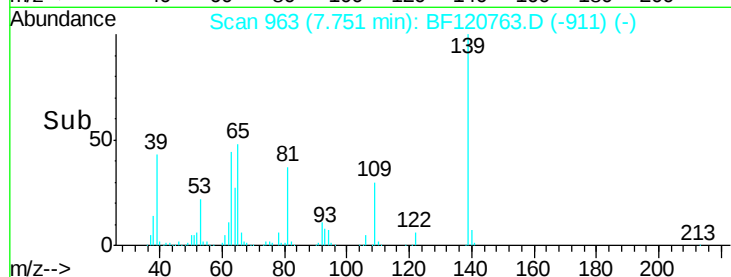
Tot Ion:	139	Resp:	238262
Ion Ratio	Lower	Upper	
139	100		
109	30.2	25.3	37.9
65	50.4	46.2	69.2

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1



#27

2,4-Dimethylphenol

Concen: 57.826 ng

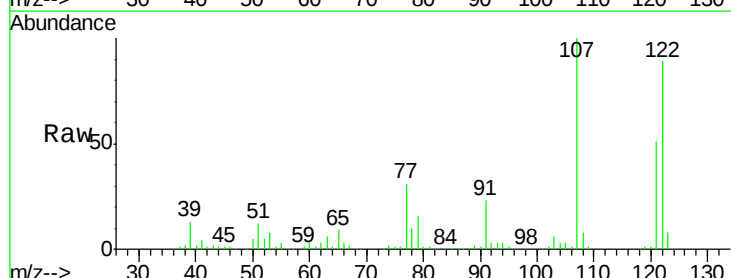
RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

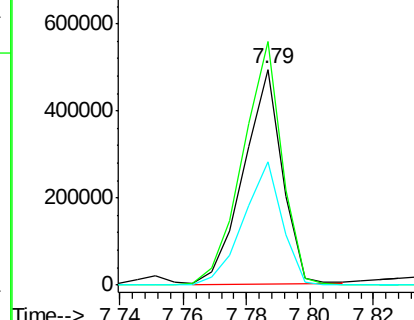
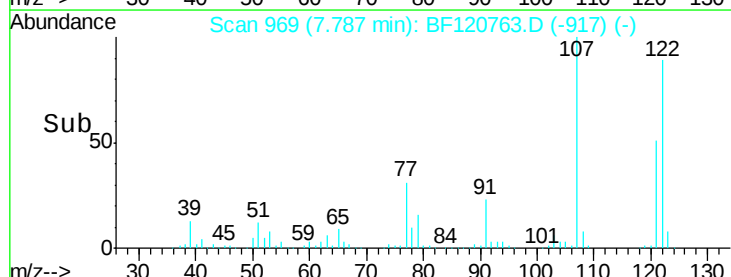
Lab File: BF120763.D

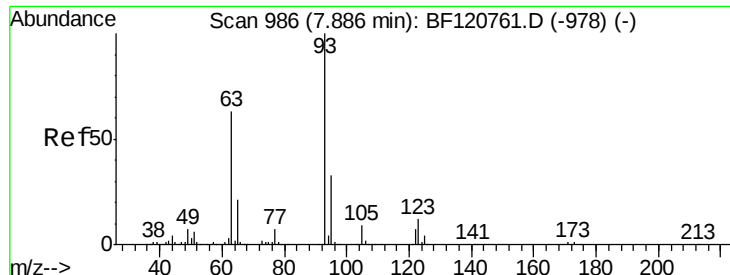
Acq: 2 Jul 2020 17:30

Tgt Ion:	122	Resp:	416894
Ion Ratio	Lower	Upper	
122	100		
107	112.8	90.7	136.1
121	57.4	45.4	68.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





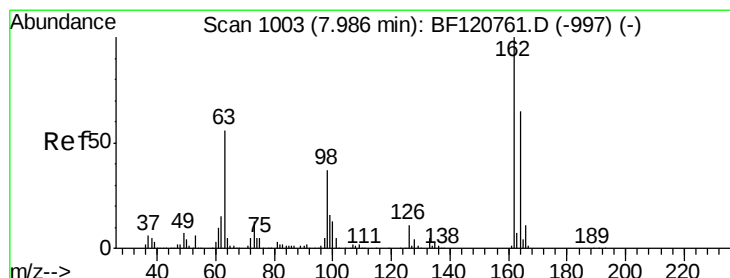
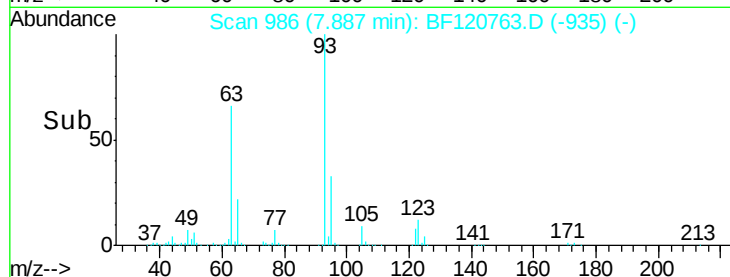
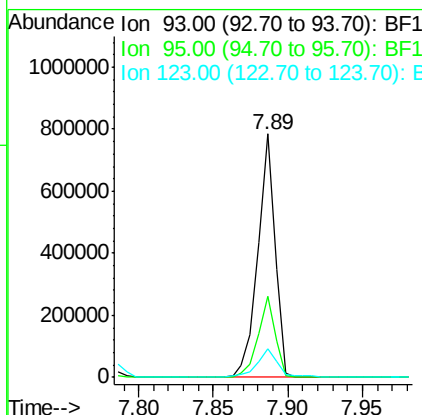
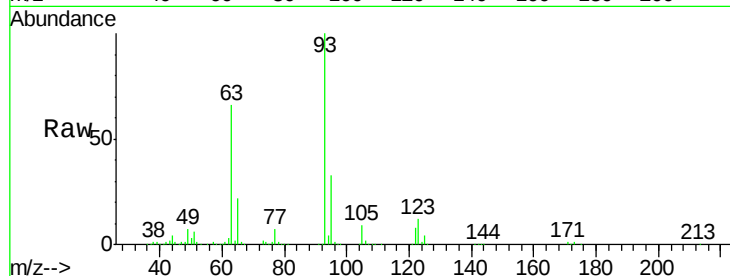
#28
bis(2-Chloroethoxy)methane
Concen: 60.676 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.4	39.6
123	11.9	10.2	15.2

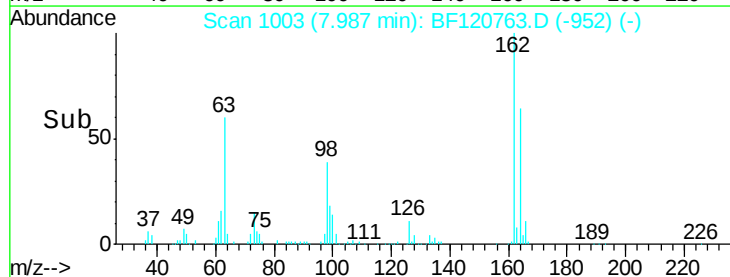
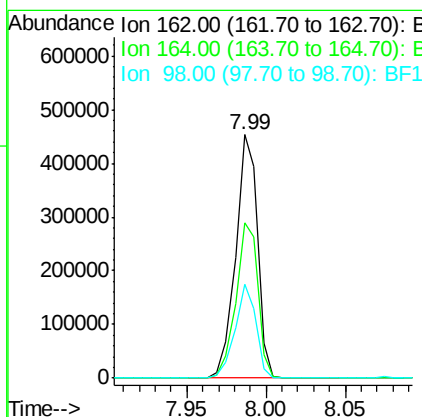
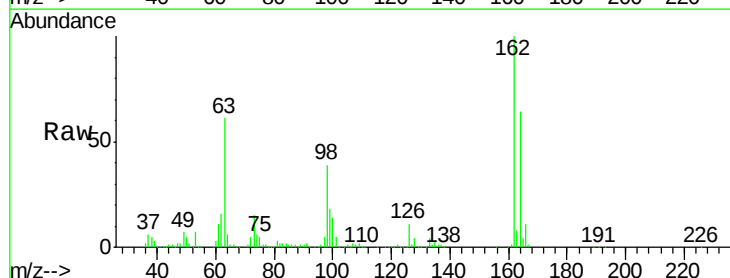
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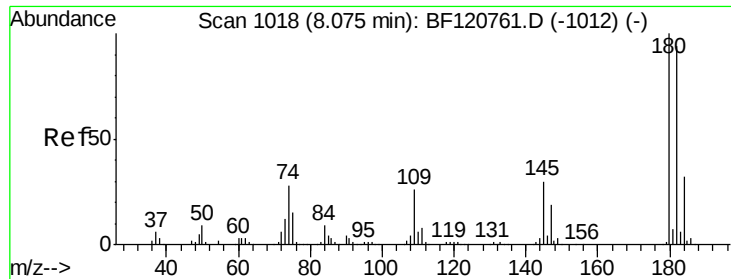
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#29
2,4-Dichlorophenol
Concen: 59.411 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	45.2	85.2
98	38.7	17.0	57.0





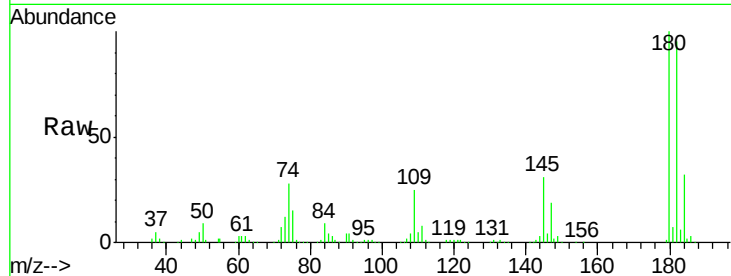
#30
 1,2,4-Trichlorobenzene
 Concen: 56.730 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF120763.D
 Acq: 2 Jul 2020 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

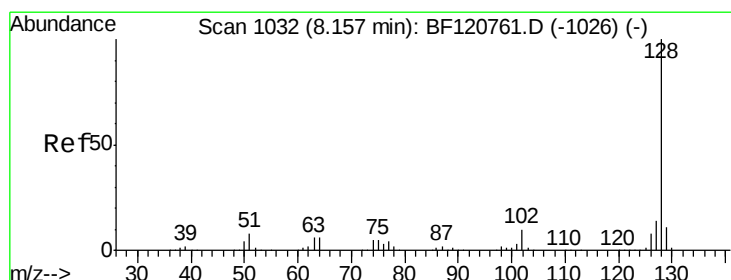
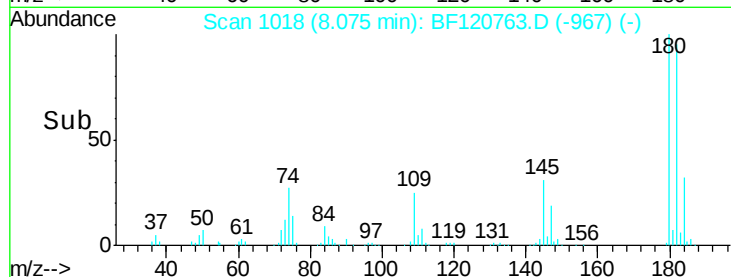
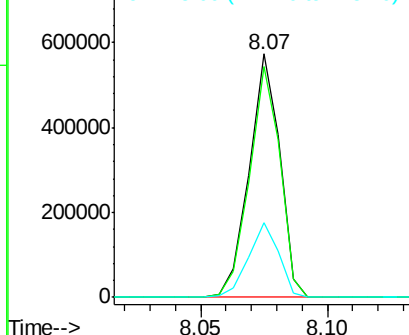
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.5	113.3
145	30.7	24.1	36.1

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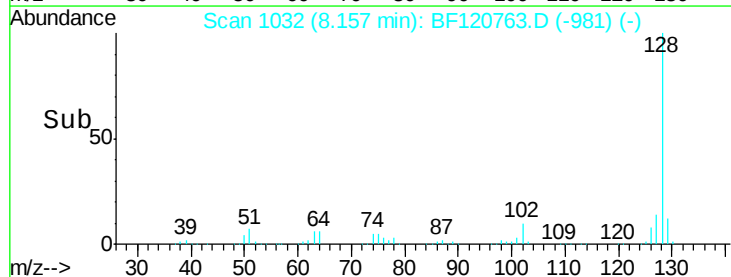
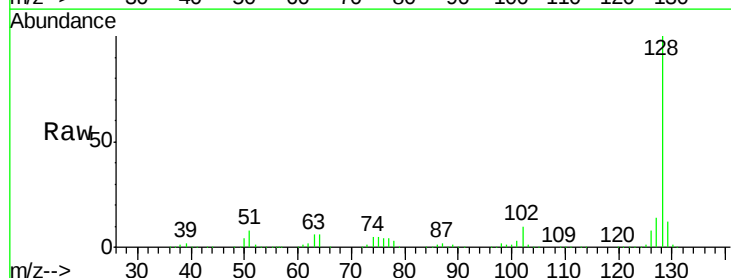
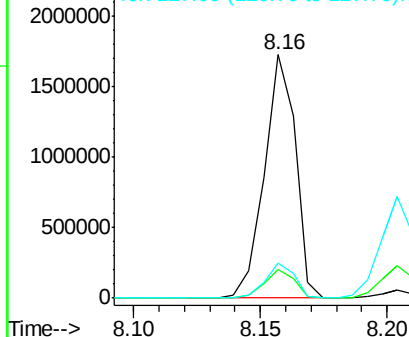
Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

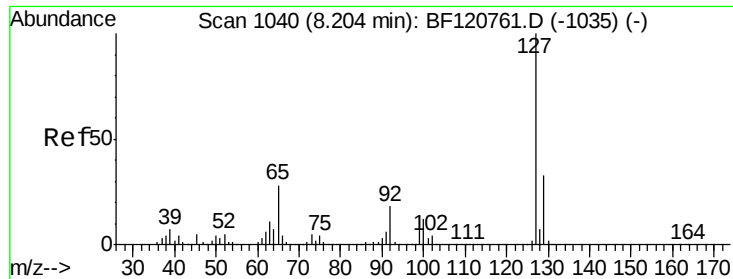


#31
 Naphthalene
 Concen: 60.140 ng
 RT: 8.16 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF120763.D
 Acq: 2 Jul 2020 17:30

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.2	13.8
127	14.1	11.1	16.7

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





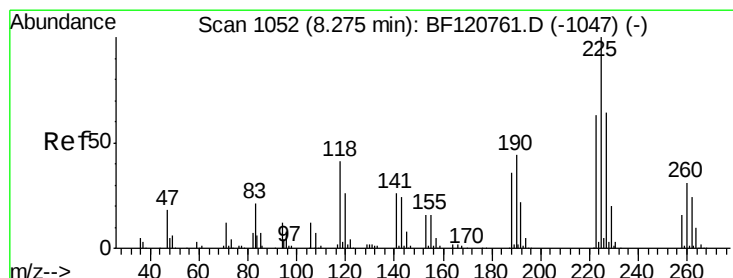
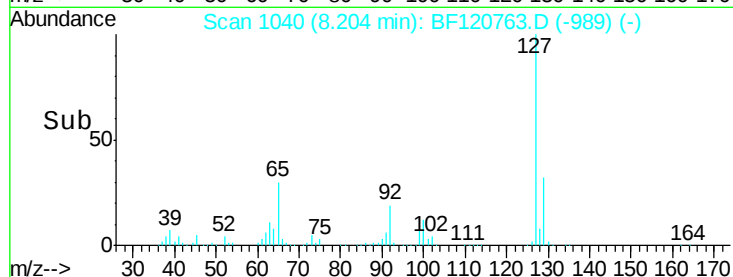
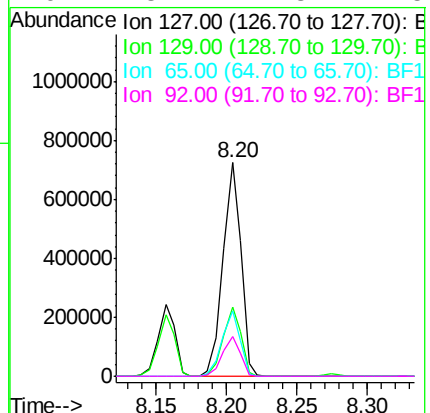
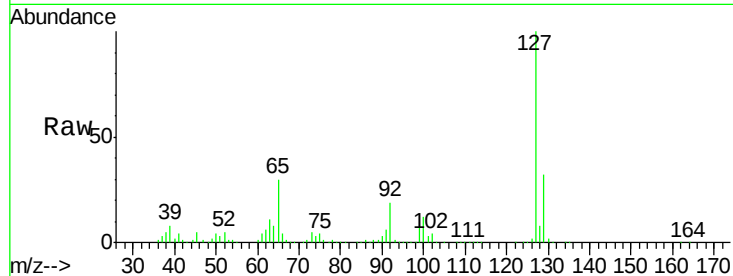
#33
4-Chloroaniline
Concen: 59.852 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.6	39.8		
65	30.3	22.7	34.1		
92	18.7	14.3	21.5		

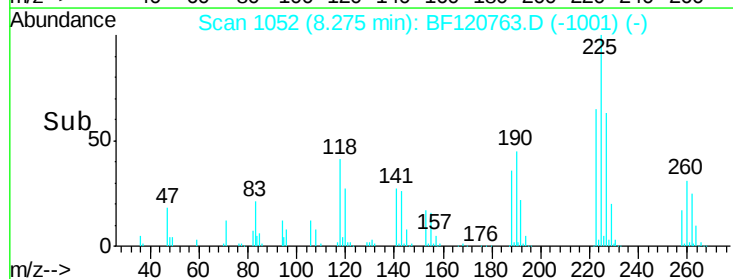
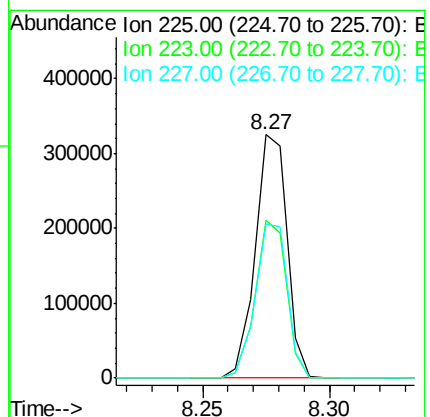
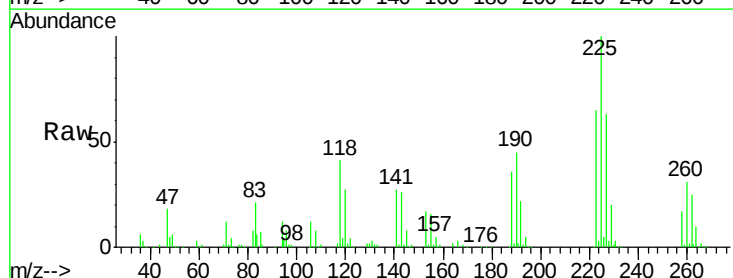
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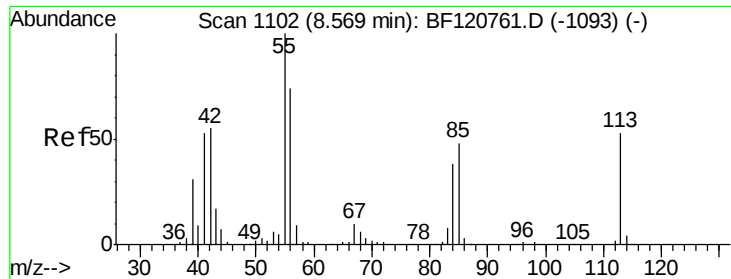
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#34
Hexachlorobutadiene
Concen: 55.671 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.1	50.6	76.0		
227	63.2	51.4	77.2		





#35

Caprolactam

Concen: 53.047 ng

RT: 8.59 min Scan# 1105

Delta R.T. 0.02 min

Lab File: BF120763.D

Acq: 2 Jul 2020 17:30

Instrument :

BNA_F

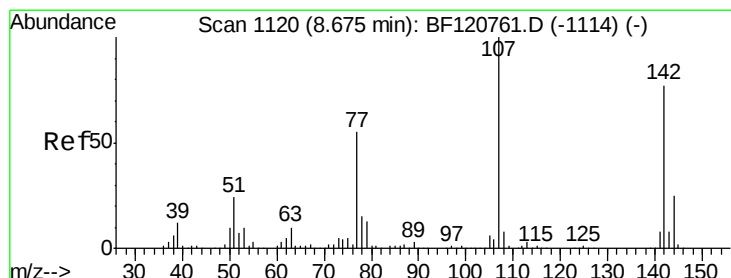
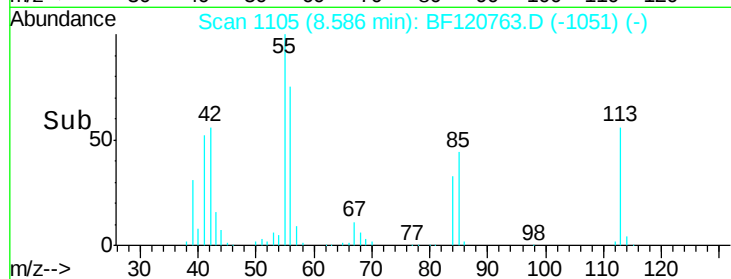
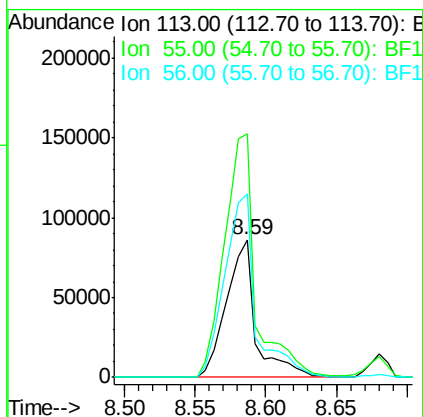
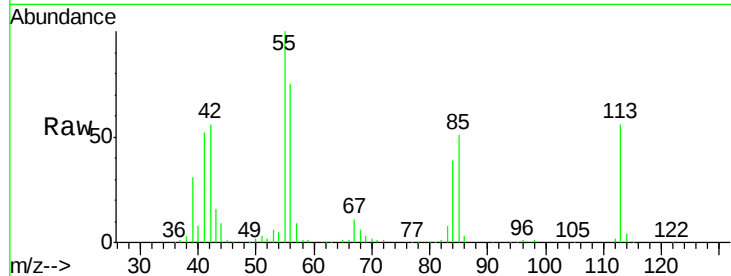
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	177.1		168.3	208.3	
56	133.4		118.8	158.8	

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#36

4-Chloro-3-methylphenol

Concen: 60.471 ng

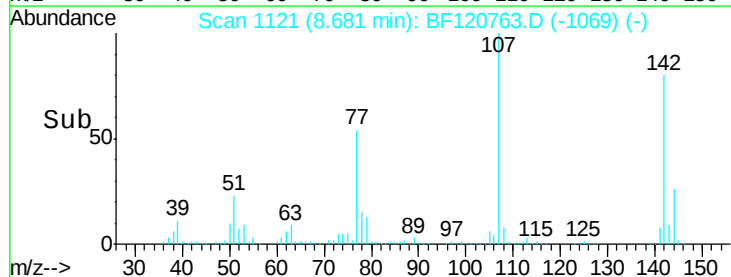
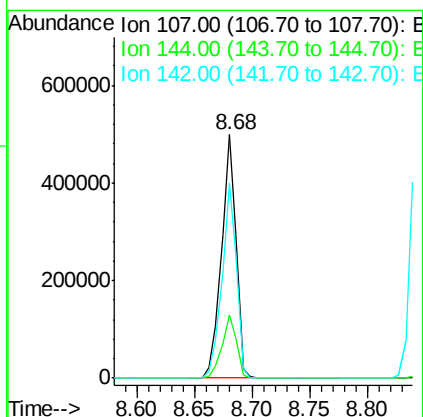
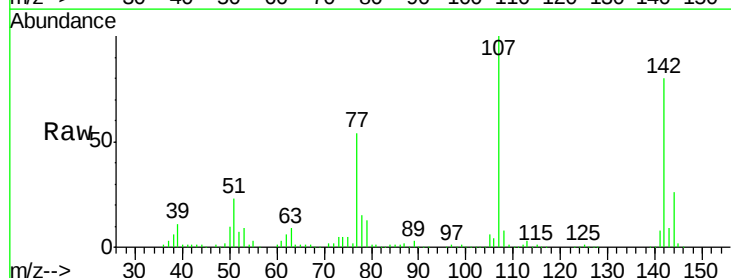
RT: 8.68 min Scan# 1121

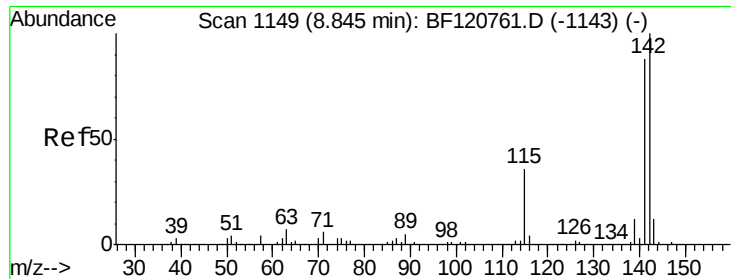
Delta R.T. 0.01 min

Lab File: BF120763.D

Acq: 2 Jul 2020 17:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.9		19.7	29.5	
142	79.9		61.2	91.8	





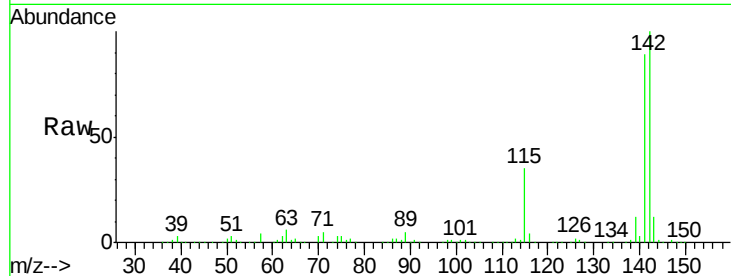
#37
2-Methylnaphthalene
Concen: 58.061 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

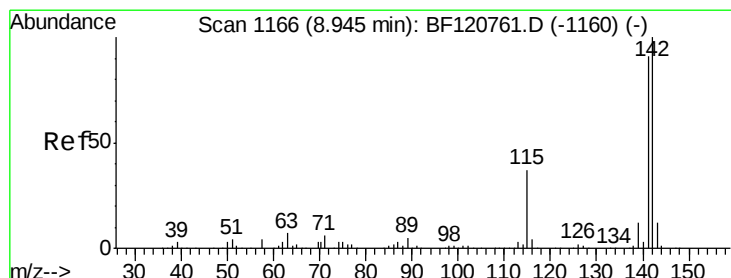
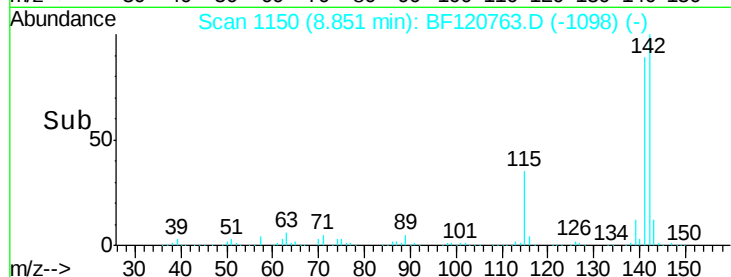
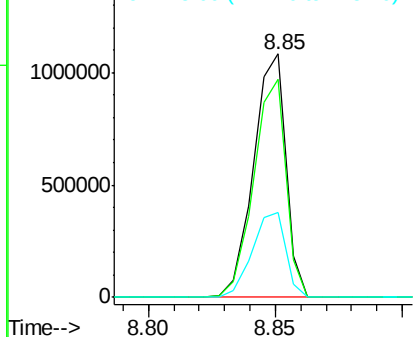
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.2	105.4
115	34.7	29.0	43.4

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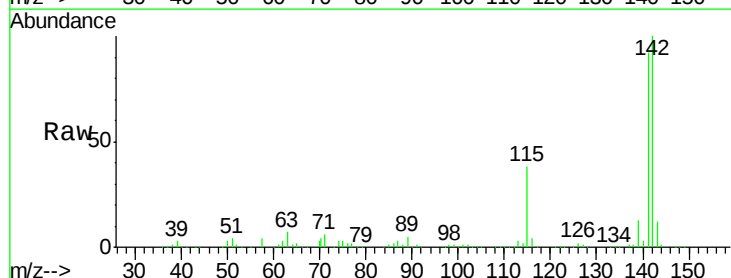


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

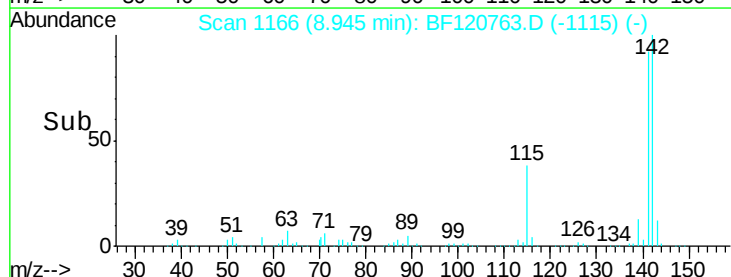
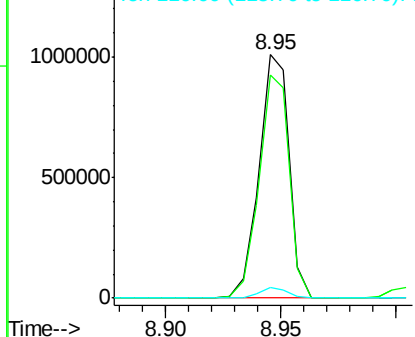


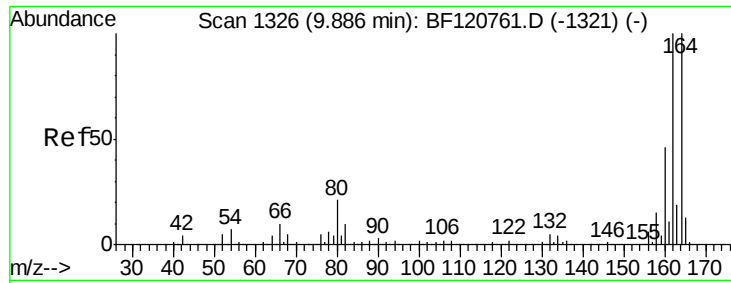
#38
1-Methylnaphthalene
Concen: 58.574 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.5	108.7
116	4.1	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





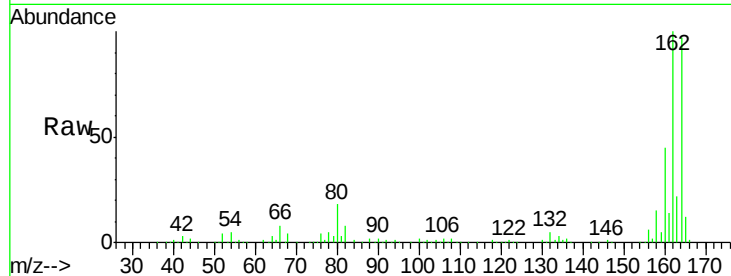
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

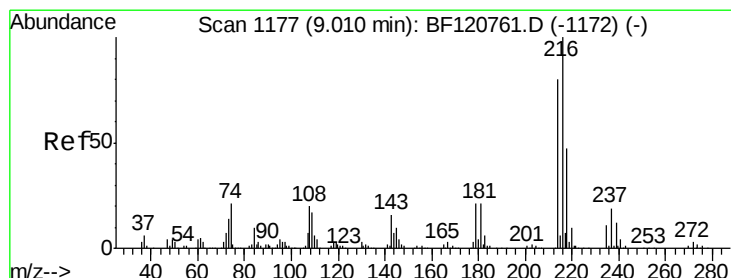
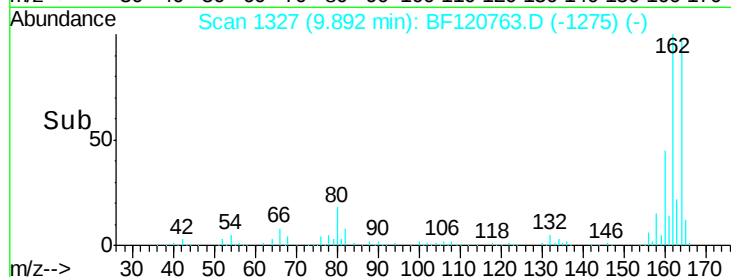
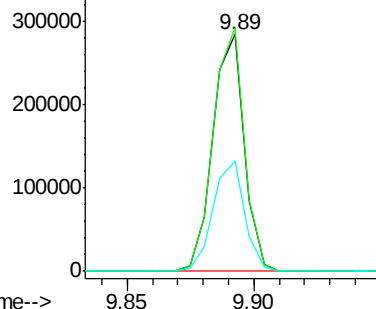
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.2	120.2
160	46.4	36.9	55.3

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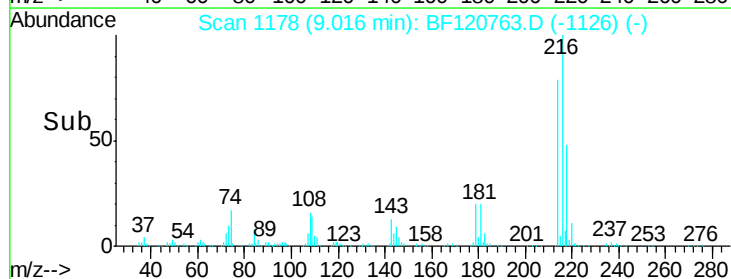
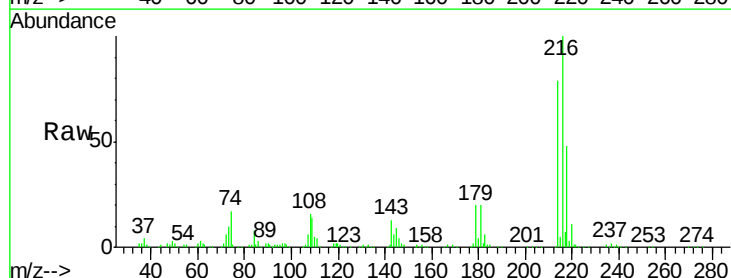
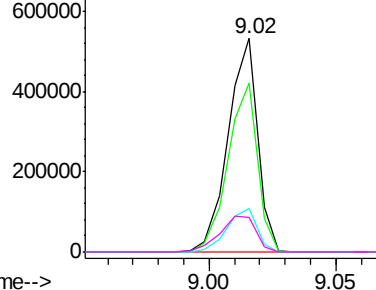
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

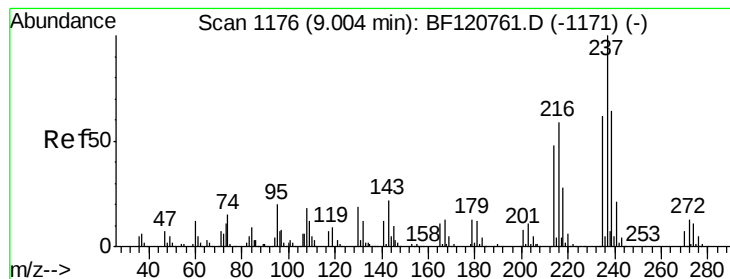


#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.735 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.7	95.5
179	20.9	16.7	25.1
108	20.7	17.0	25.4

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





#41

Hexachlorocyclopentadiene

Concen: 76.270 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF120763.D

Acq: 2 Jul 2020 17:30

Instrument :

BNA_F

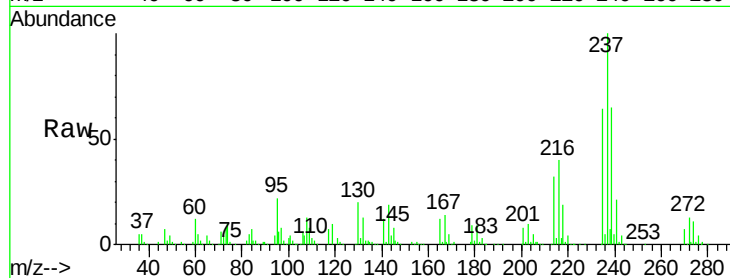
ClientSampleId :

SSTDICC060

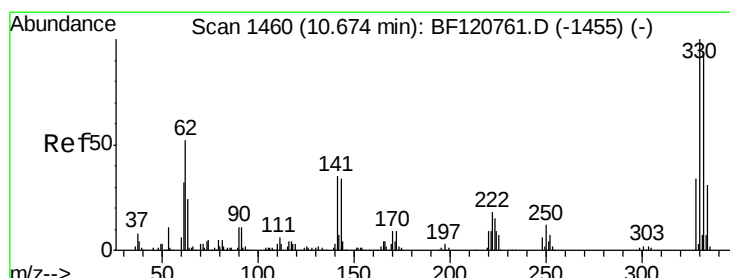
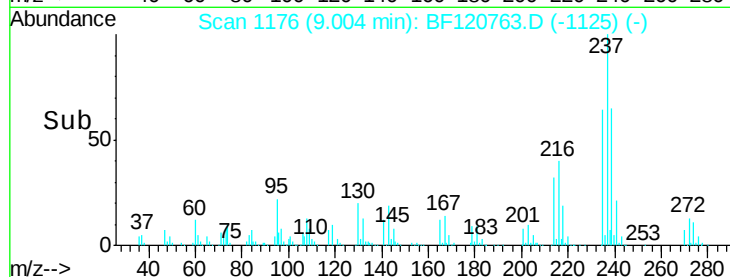
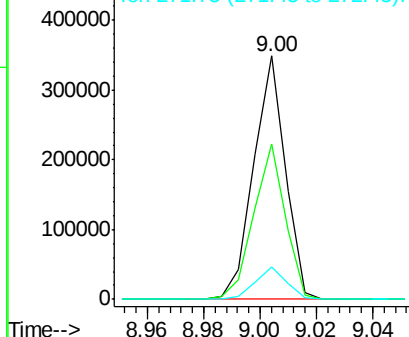
Tot Ion:	237	Resp:	271336
Ion Ratio	Lower	Upper	
237	100		
235	63.8	42.1	82.1
272	13.3	0.0	33.4

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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: 96.728 ng

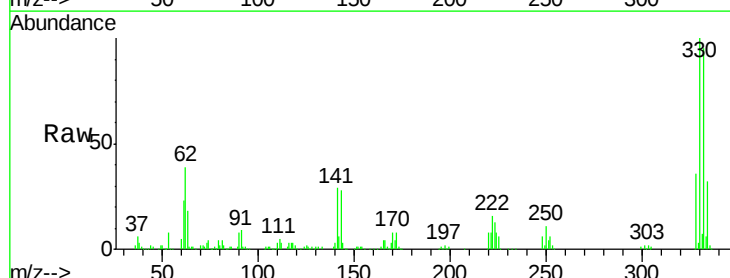
RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

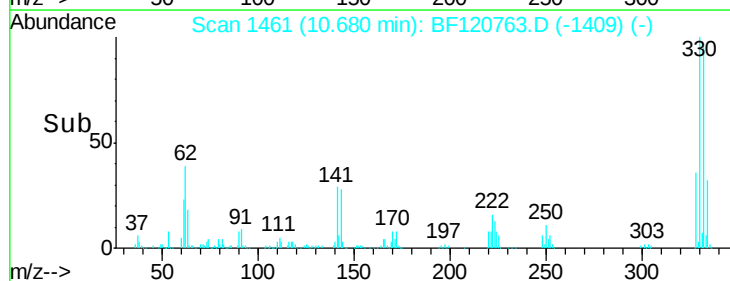
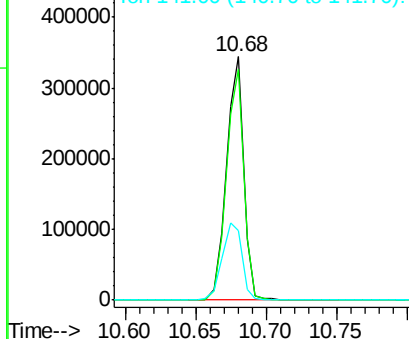
Lab File: BF120763.D

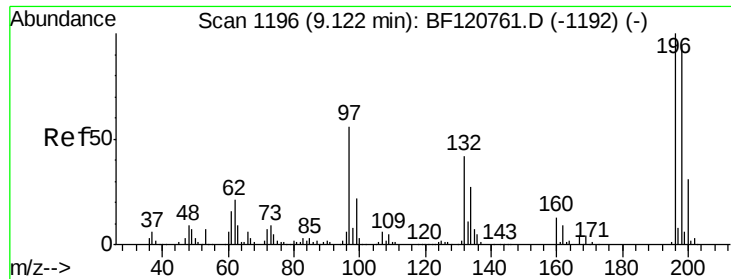
Acq: 2 Jul 2020 17:30

Tgt Ion:	330	Resp:	292764
Ion Ratio	Lower	Upper	
330	100		
332	95.7	75.8	113.6
141	36.4	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





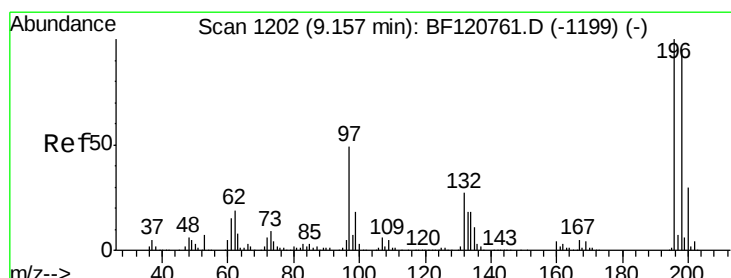
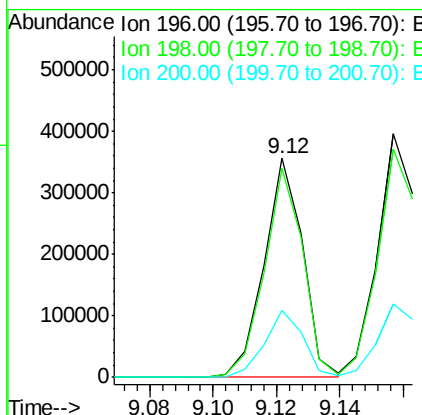
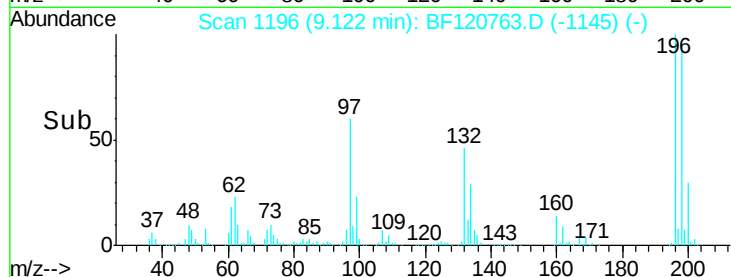
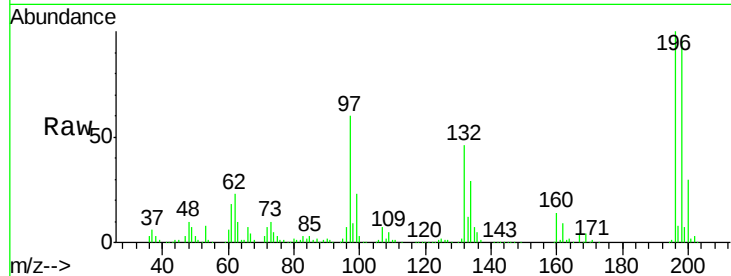
#43
 2,4,6-Trichlorophenol
 Concen: 57.381 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF120763.D
 Acq: 2 Jul 2020 17:30

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC060

Tot Ion:	196	Resp:	301304
Ion Ratio	Lower	Upper	
196	100		
198	95.6	75.3	112.9
200	30.3	24.4	36.6

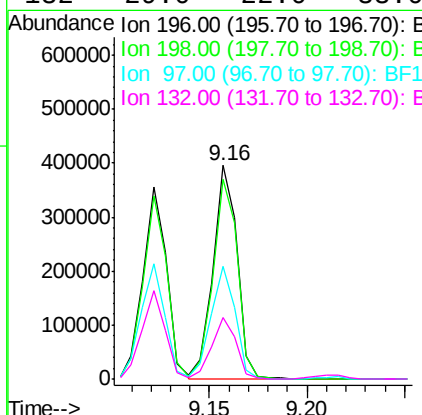
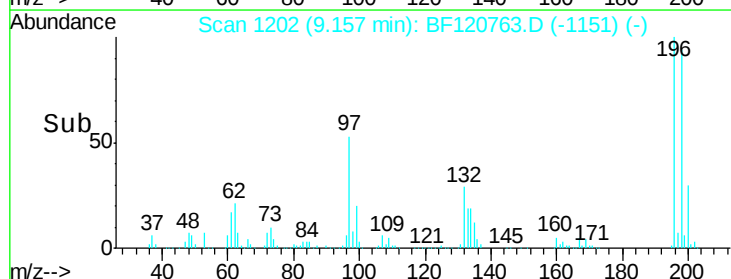
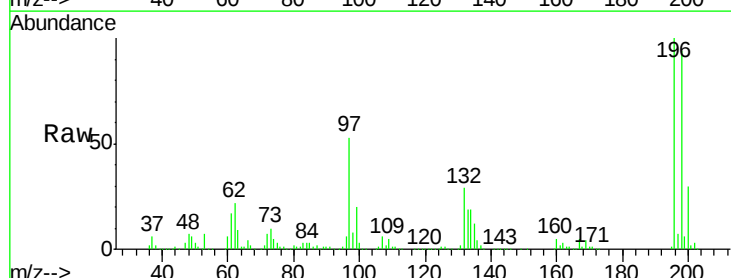
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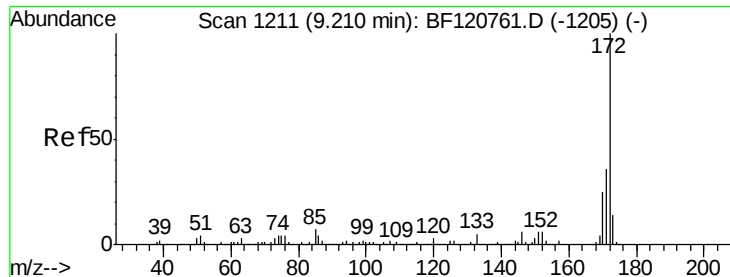
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#44
 2,4,5-Trichlorophenol
 Concen: 57.238 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF120763.D
 Acq: 2 Jul 2020 17:30

Tgt Ion:	196	Resp:	337723
Ion Ratio	Lower	Upper	
196	100		
198	93.7	76.2	114.2
97	52.9	39.6	59.4
132	29.0	22.0	33.0





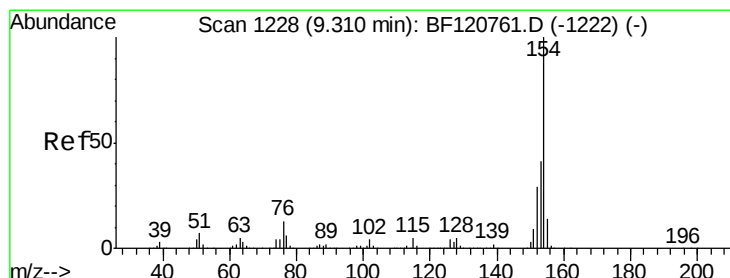
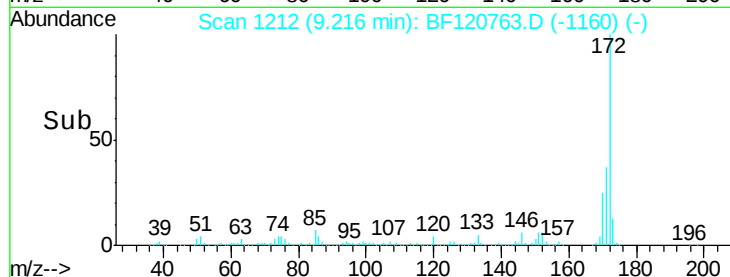
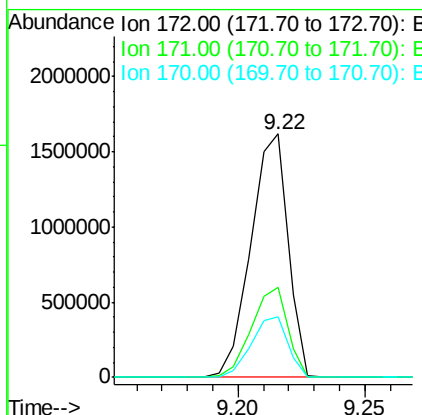
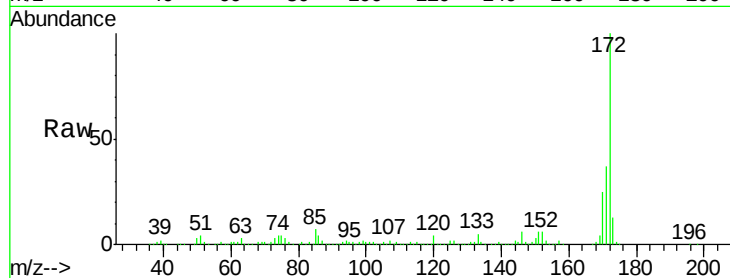
#45
2-Fluorobiphenyl
Concen: 95.792 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:172 Resp: 1657113
Ion Ratio Lower Upper
172 100
171 37.0 29.1 43.7
170 25.1 19.8 29.6

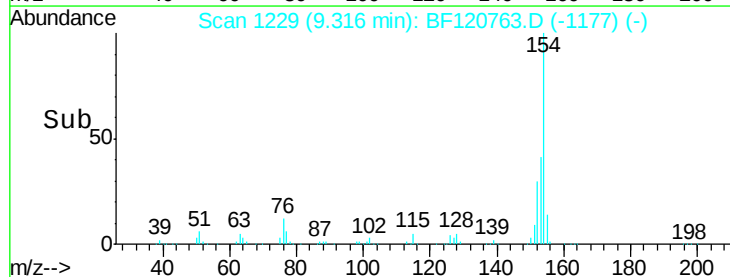
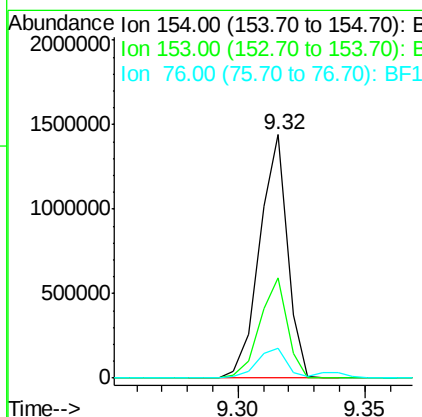
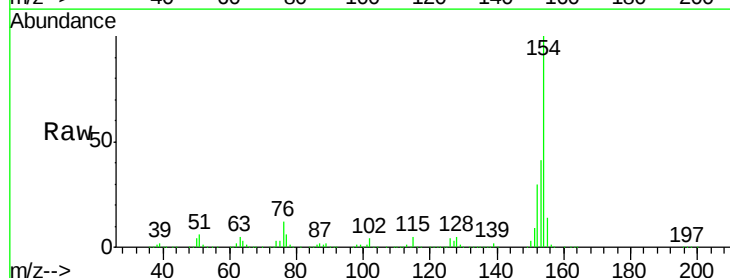
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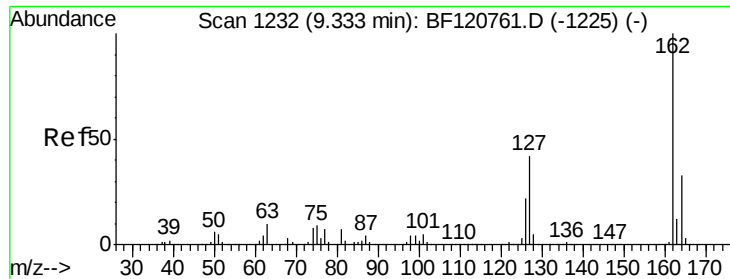
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#46
1,1'-Biphenyl
Concen: 56.125 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Tgt Ion:154 Resp: 1109168
Ion Ratio Lower Upper
154 100
153 41.2 20.7 60.7
76 12.4 0.0 33.3





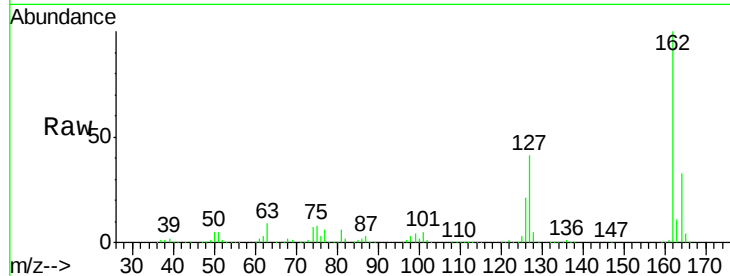
#47
2-Chloronaphthalene
Concen: 57.056 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

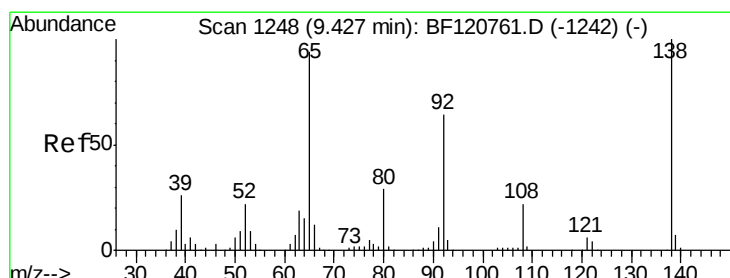
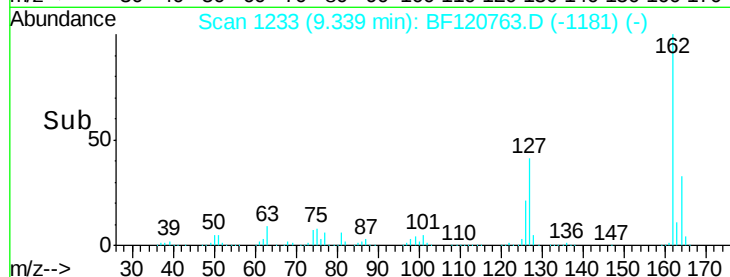
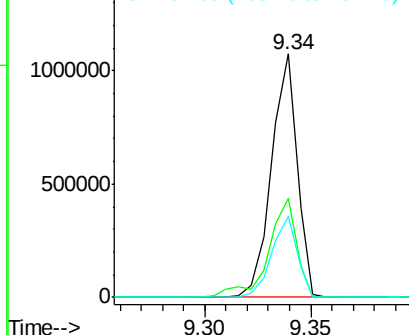
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.7	50.5
164	33.3	26.4	39.6

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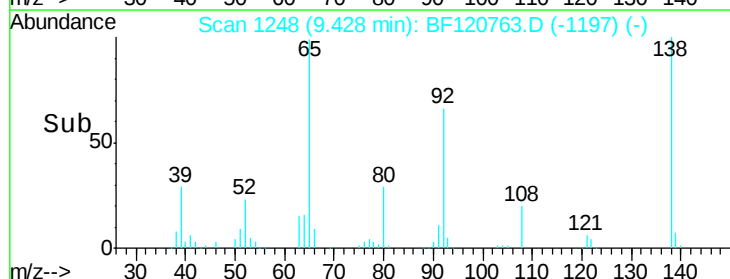
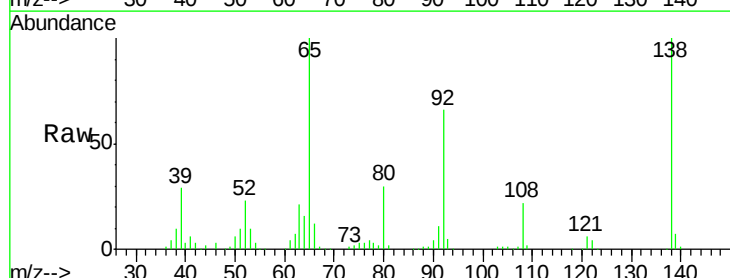
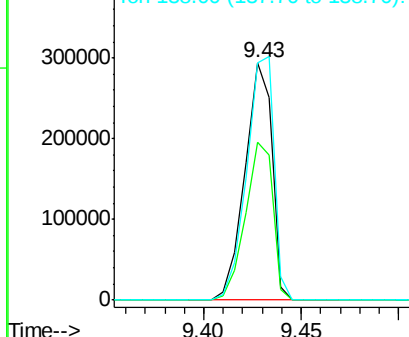
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

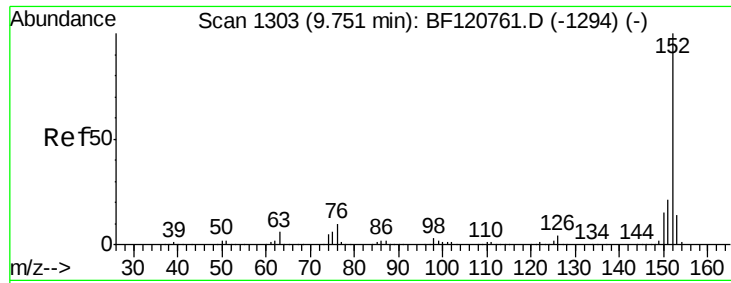


#48
2-Nitroaniline
Concen: 61.292 ng
RT: 9.43 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.3	54.4	81.6
138	100.0	84.7	127.1

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





#49

Acenaphthylene

Concen: 56.962 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF120763.D

Acq: 2 Jul 2020 17:30

Instrument :

BNA_F

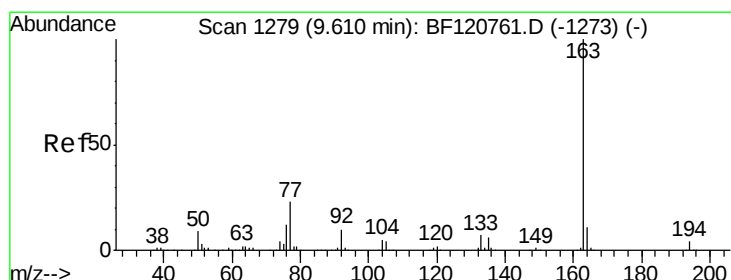
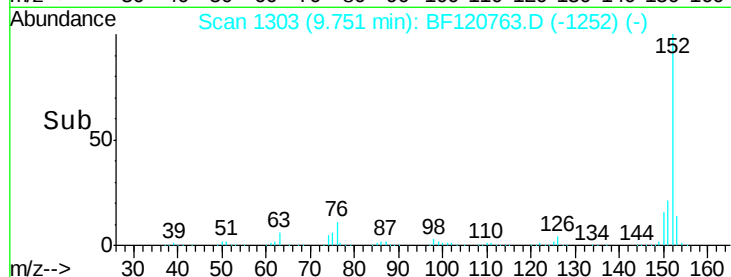
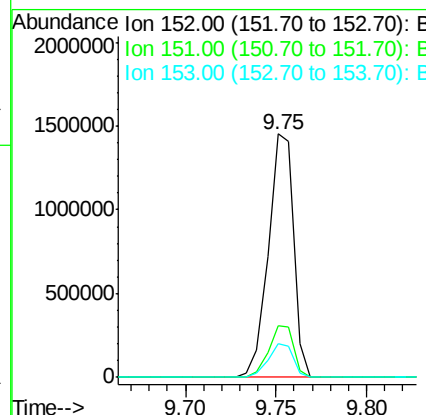
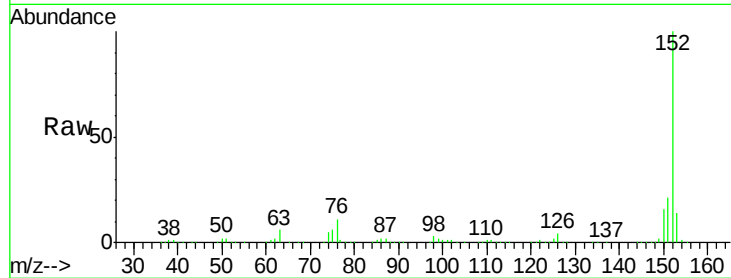
ClientSampleId :

SSTDICC060

Tot Ion:	152	Resp:	1406721
Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.9	25.3
153	13.9	10.8	16.2

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#50

Dimethylphthalate

Concen: 54.510 ng

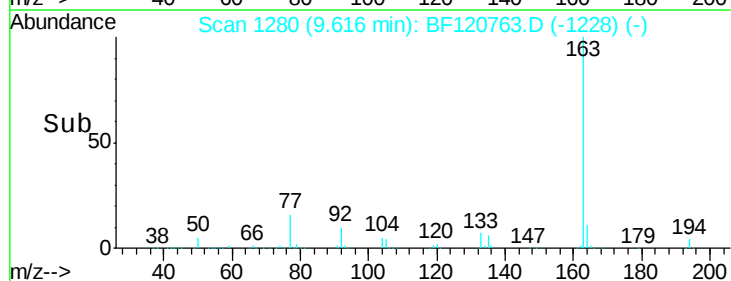
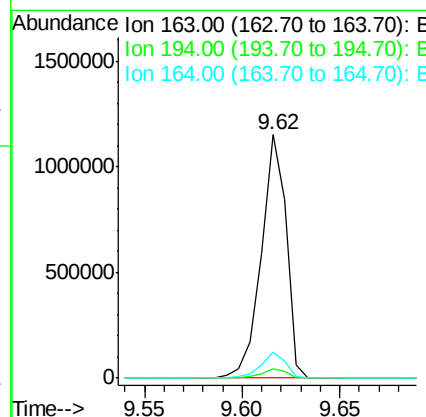
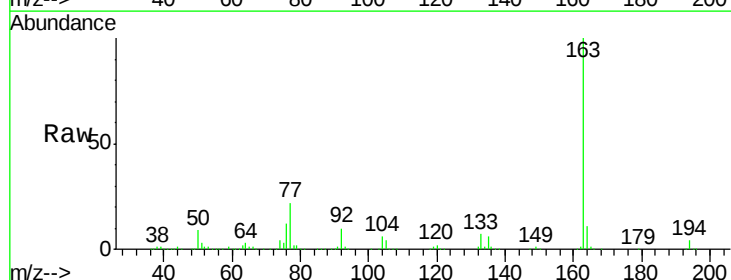
RT: 9.62 min Scan# 1280

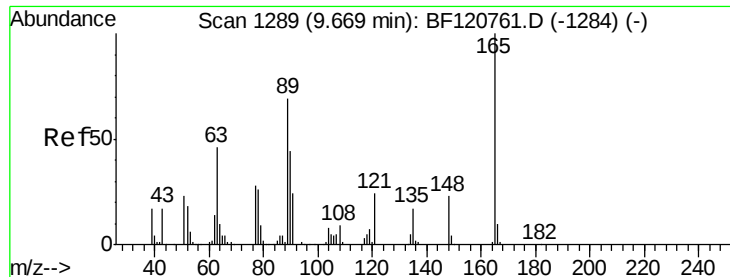
Delta R.T. 0.01 min

Lab File: BF120763.D

Acq: 2 Jul 2020 17:30

Tgt Ion:	163	Resp:	1018783
Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	10.5	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 50.259 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF120763.D

Acq: 2 Jul 2020 17:30

Instrument :

BNA_F

ClientSampleId :

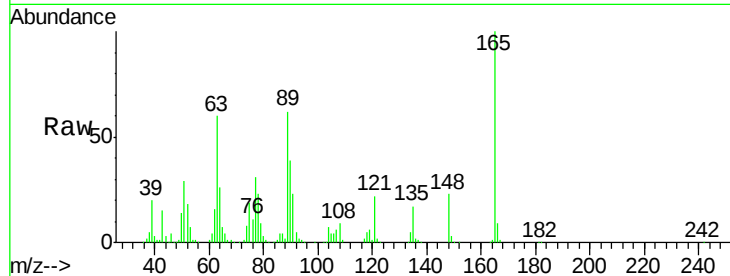
SSTDICC060

Tot Ion:165 Resp: 207672
Ion Ratio Lower Upper

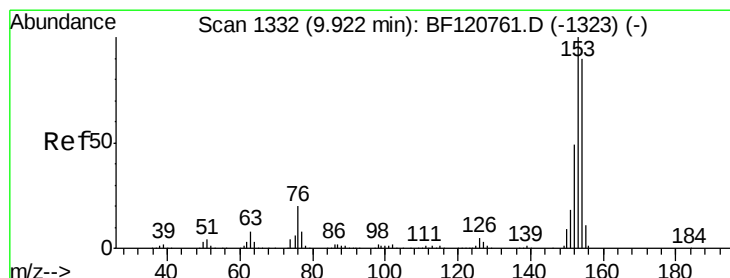
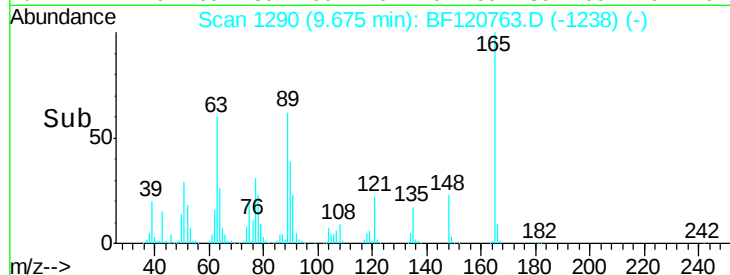
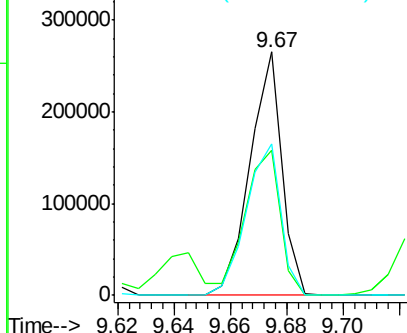
165	100		
63	59.5	54.0	81.0
89	62.0	55.4	83.2

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 62.379 ng

RT: 9.93 min Scan# 1333

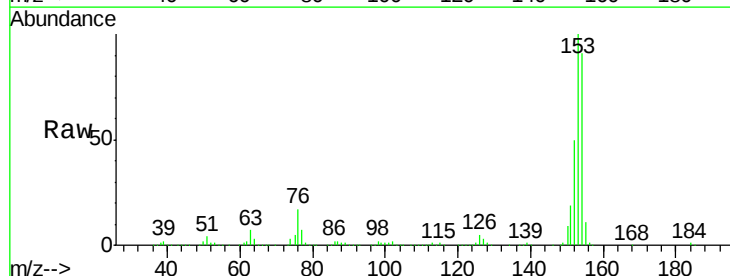
Delta R.T. 0.01 min

Lab File: BF120763.D

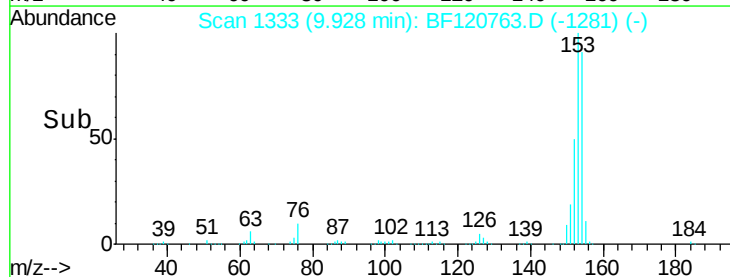
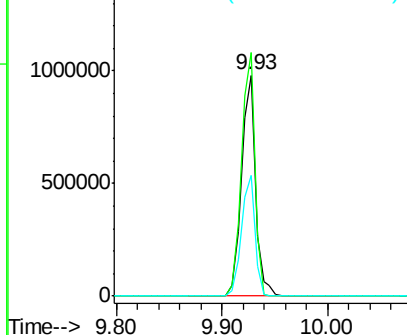
Acq: 2 Jul 2020 17:30

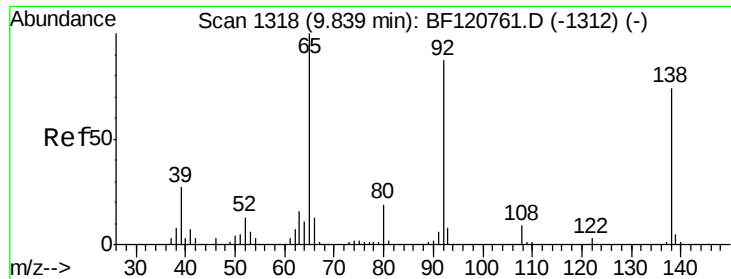
Tgt Ion:154 Resp: 881684
Ion Ratio Lower Upper

154	100		
153	110.2	88.6	132.8
152	54.7	43.6	65.4



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





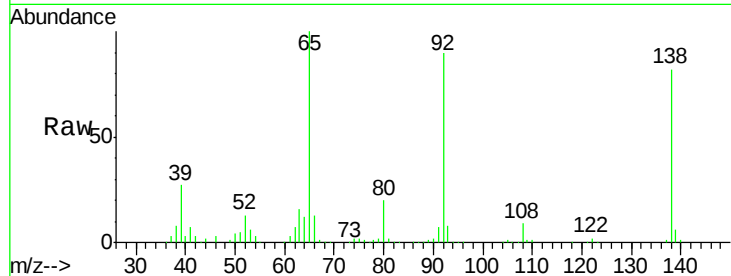
#53
3-Nitroaniline
Concen: 52.744 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

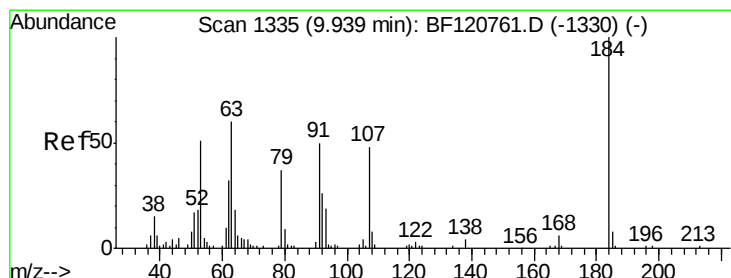
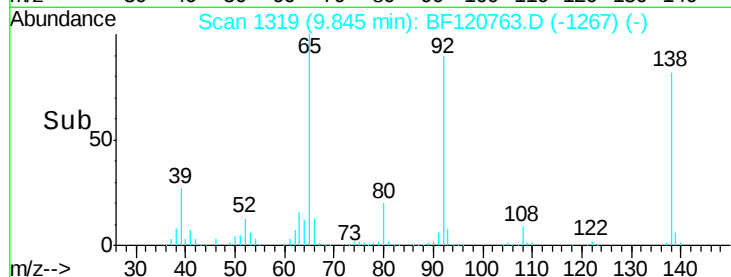
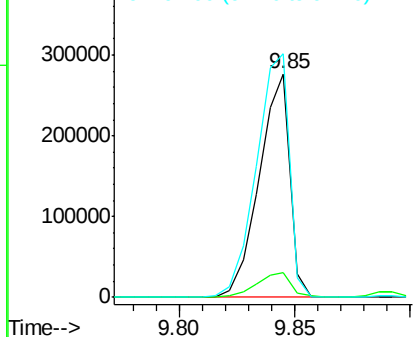
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.8	14.6
92	109.1	93.4	140.2

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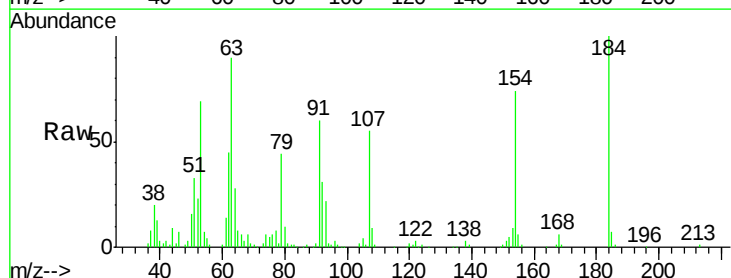


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

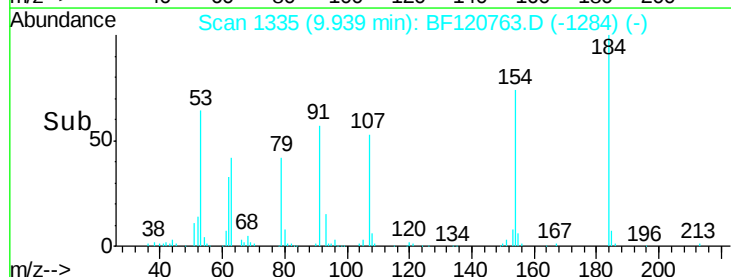
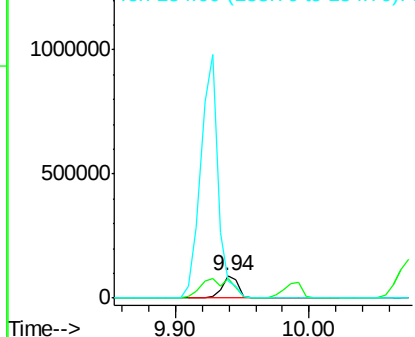


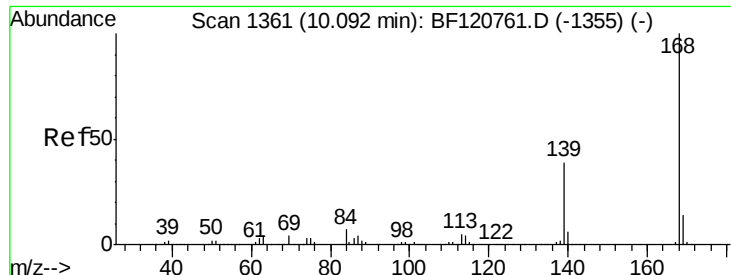
#54
2,4-Dinitrophenol
Concen: 47.762 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Tgt Ion	Ratio	Lower	Upper
184	100		
63	89.7	57.3	85.9#
154	74.4	55.8	83.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





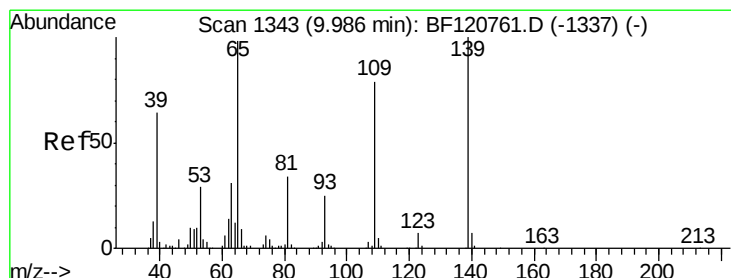
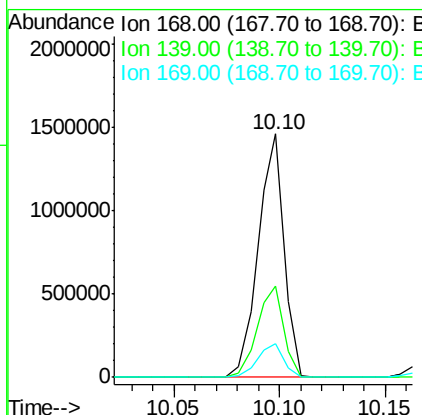
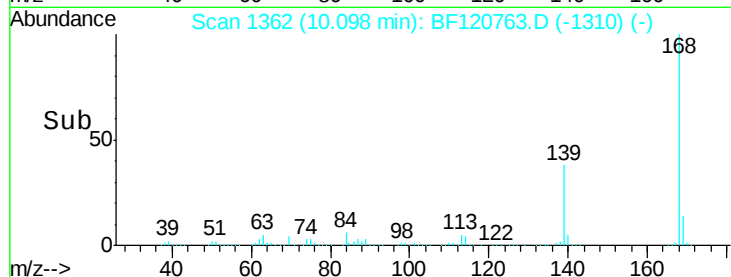
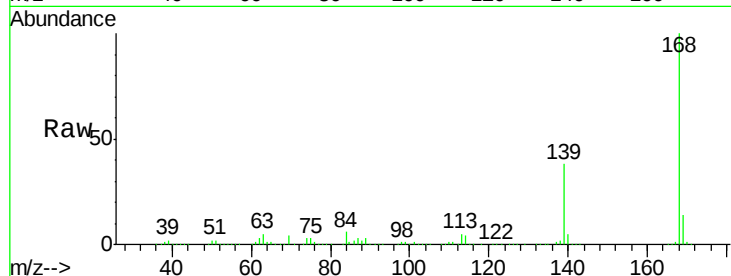
#55
Dibenzenofuran
Concen: 57.651 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	31.3	46.9
169	13.8	11.2	16.8

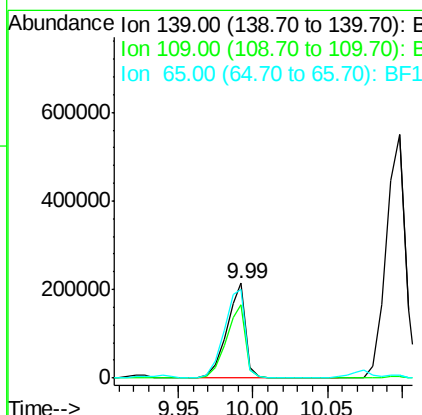
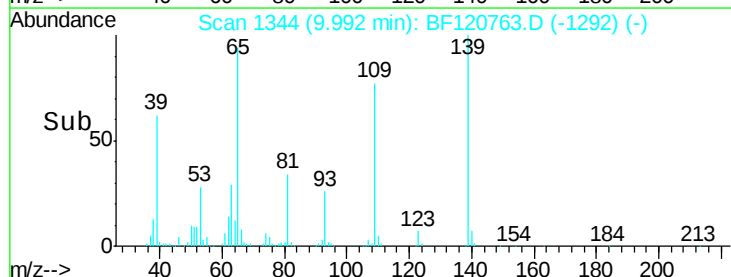
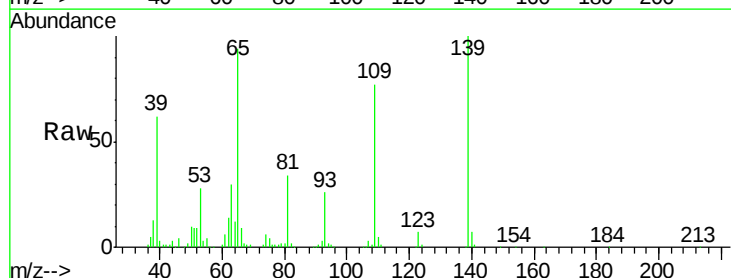
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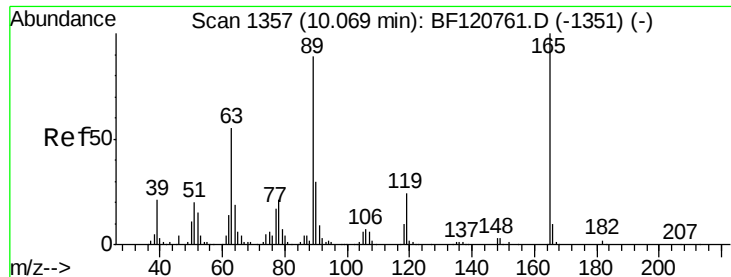
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#56
4-Nitrophenol
Concen: 63.253 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.8	58.6	98.6
65	94.1	78.7	118.7





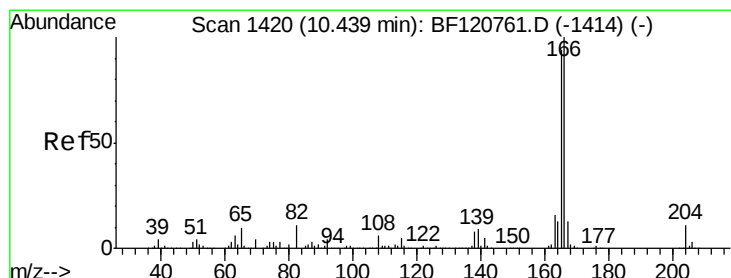
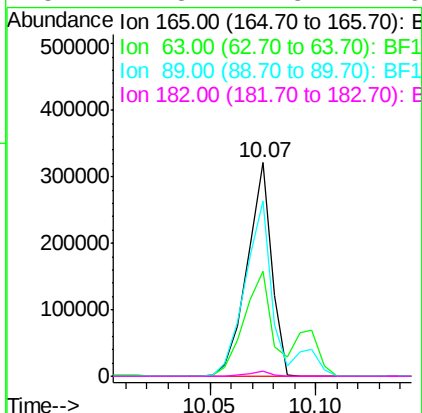
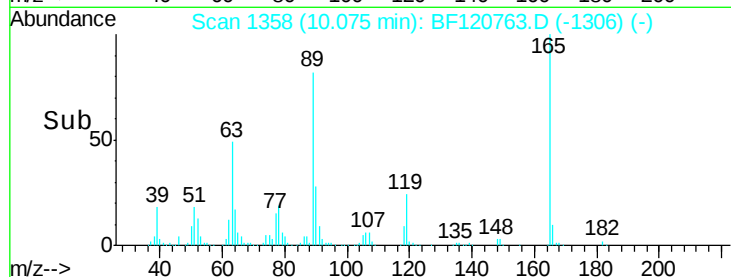
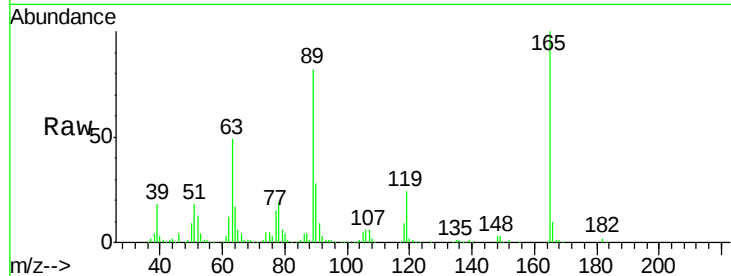
#57
2,4-Dinitrotoluene
Concen: 51.443 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
165	100	259914		
63	48.9		43.8	65.8
89	82.2		71.4	107.2
182	2.3		1.8	2.6

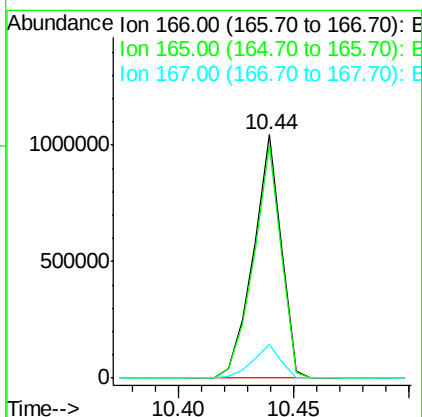
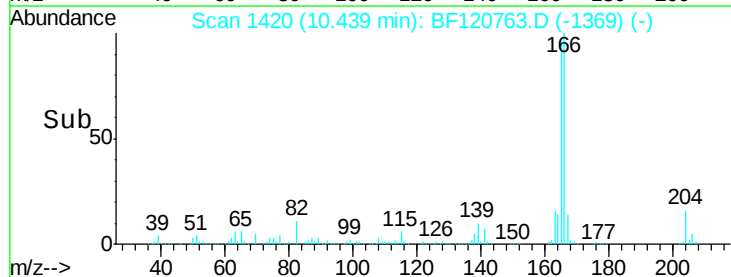
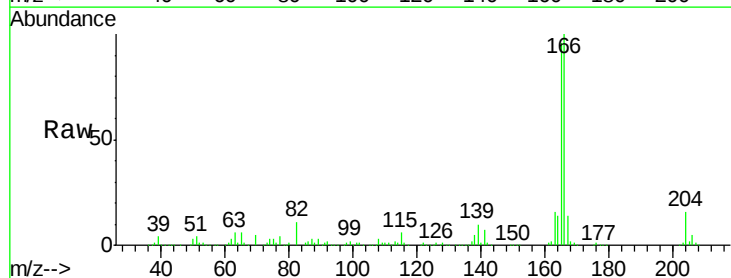
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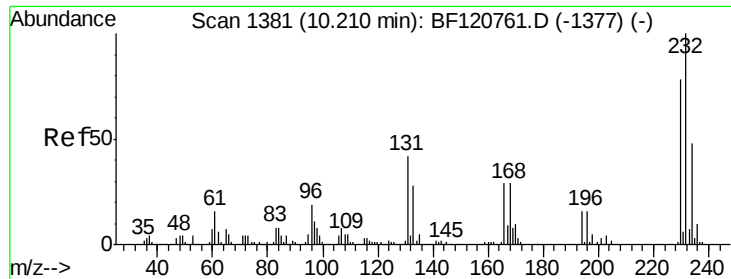
mohammad
7/7/2020 8:25:24 AM



#58
Fluorene
Concen: 52.410 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	878998		
165	96.0		75.5	113.3
167	13.8		10.6	16.0





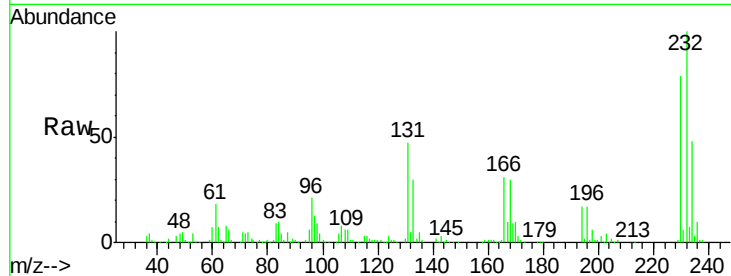
#59
2,3,4,6-Tetrachlorophenol
Concen: 55.752 ng m
RT: 10.21 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

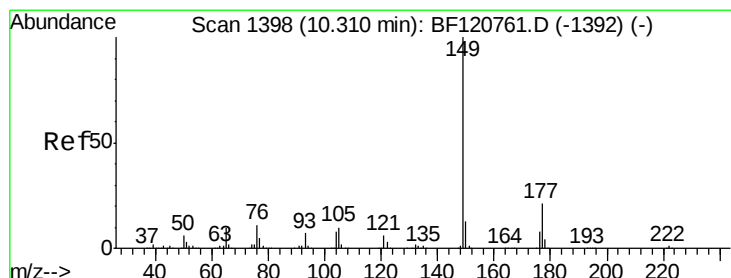
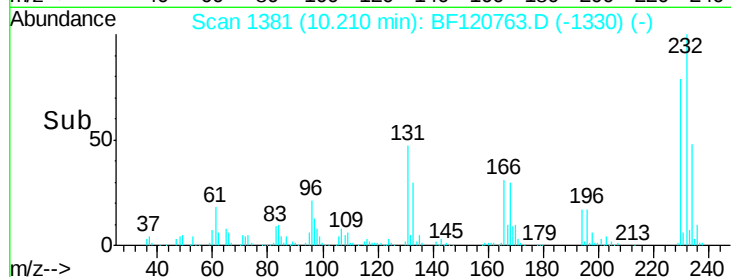
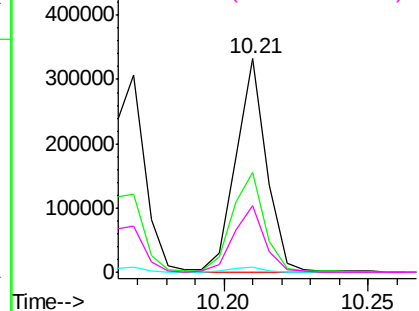
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.9	36.3	54.5
130	2.6	2.0	3.0
166	26.2	20.9	31.3

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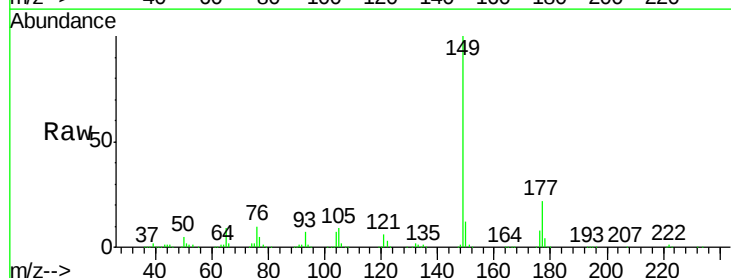


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

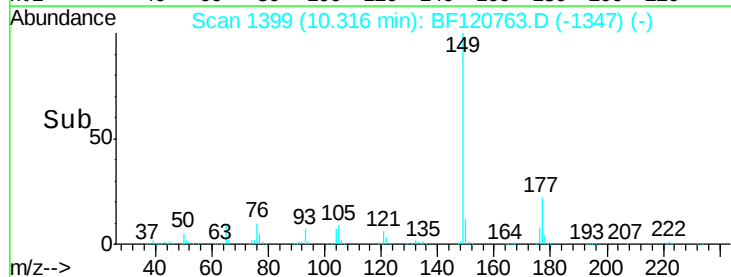
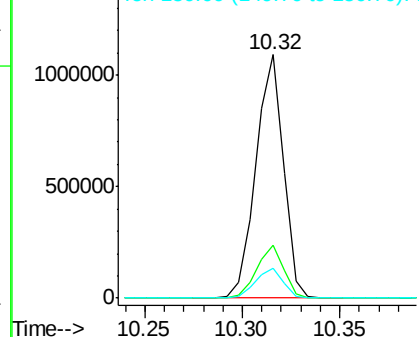


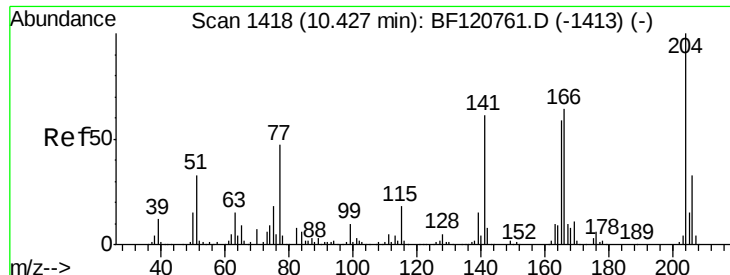
#60
Diethylphthalate
Concen: 57.986 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.4	24.6
150	12.4	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





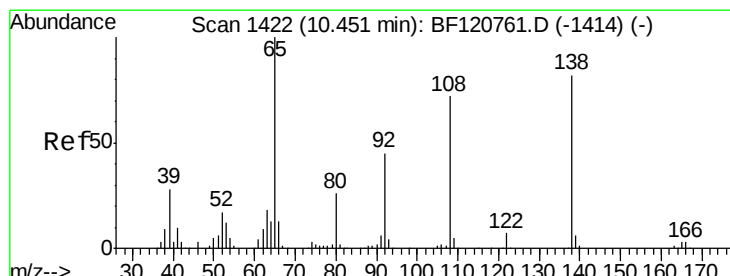
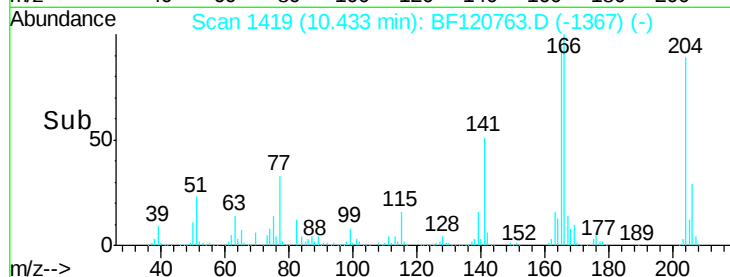
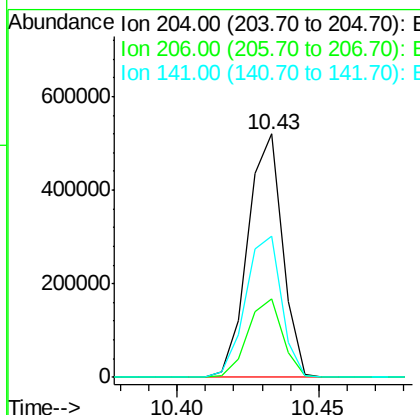
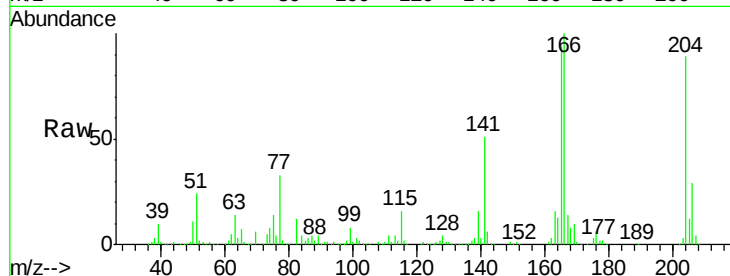
#61
4-Chlorophenyl-phenylether
Concen: 52.174 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.7	40.1
141	57.8	48.5	72.7

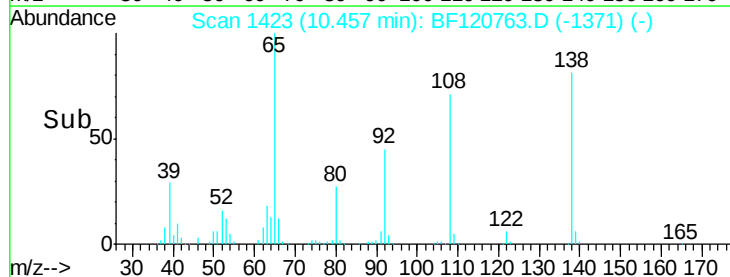
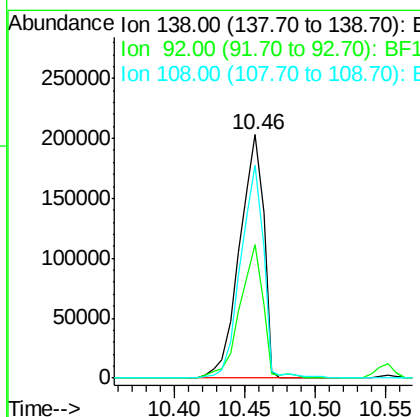
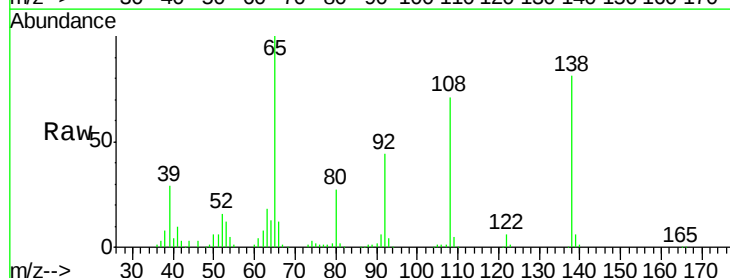
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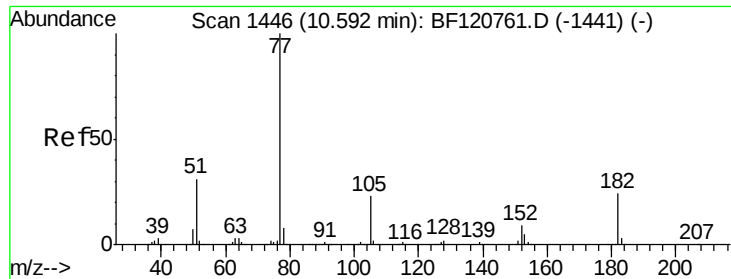
mohammad
7/7/2020 8:25:24 AM



#62
4-Nitroaniline
Concen: 50.071 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.0	34.3	74.3
108	87.6	68.3	108.3





#63

Azobenzene

Concen: 62.336 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF120763.D

Acq: 2 Jul 2020 17:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 77 Resp: 1045333

Ion Ratio Lower Upper

77 100

182 24.1 4.0 44.0

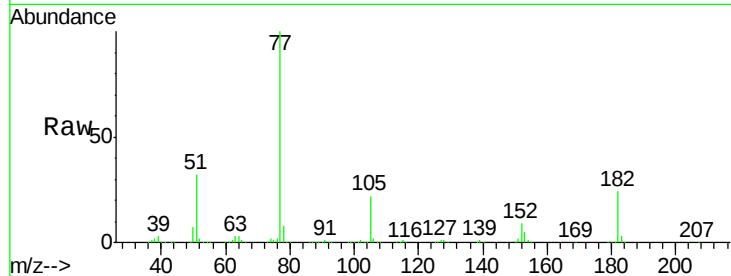
105 22.4 2.6 42.6

51 32.0 11.5 51.5

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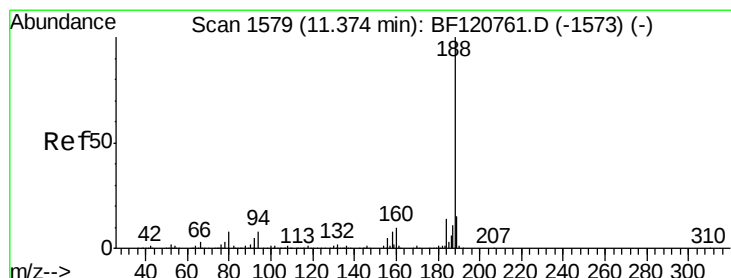
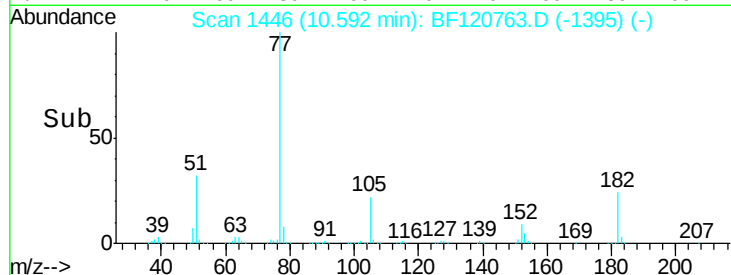
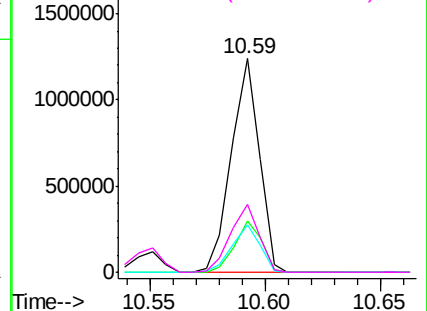


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.37 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF120763.D

Acq: 2 Jul 2020 17:30

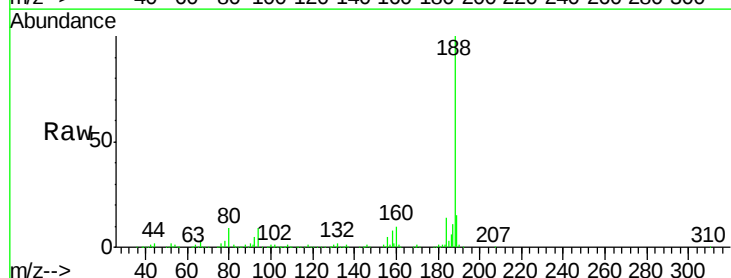
Tgt Ion: 188 Resp: 443430

Ion Ratio Lower Upper

188 100

94 8.6 6.6 9.8

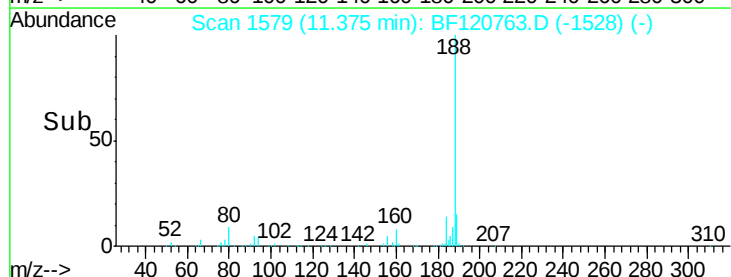
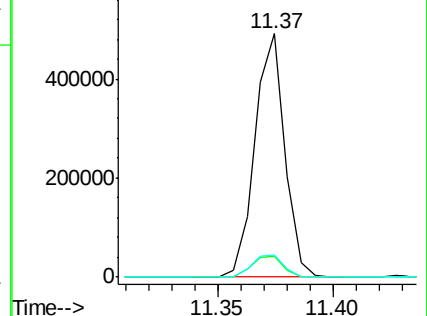
80 9.1 6.6 10.0

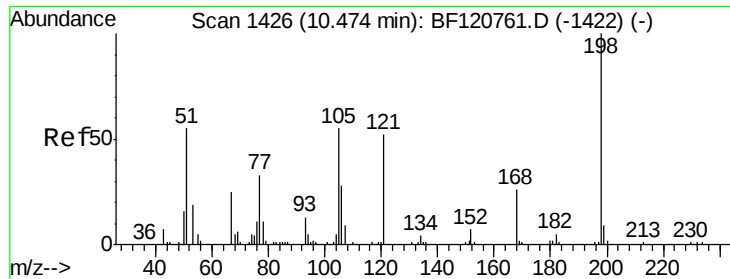


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





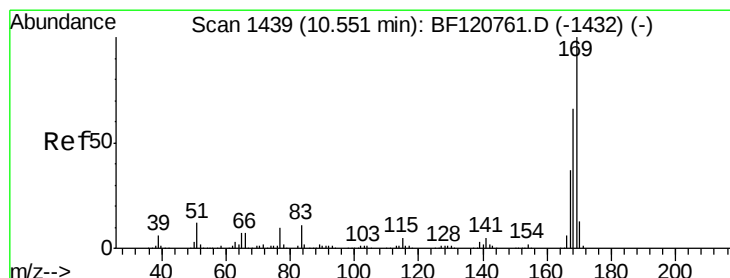
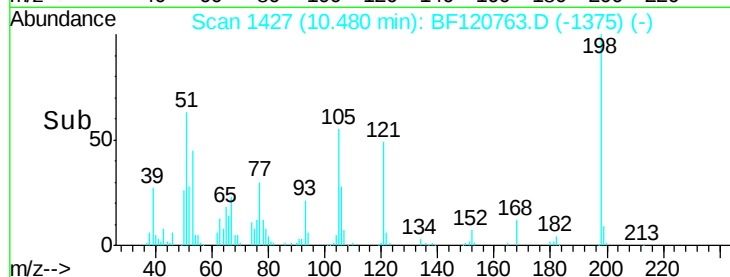
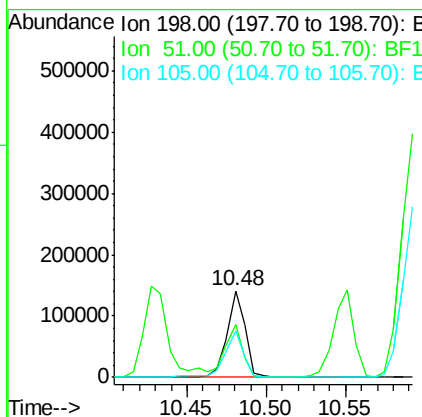
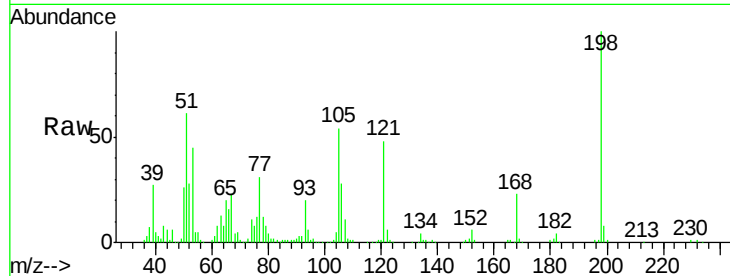
#65
4,6-Dinitro-2-methylphenol
Concen: 45.459 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
198	100	111253		
51	61.3	50.0	90.0	
105	54.2	38.3	78.3	

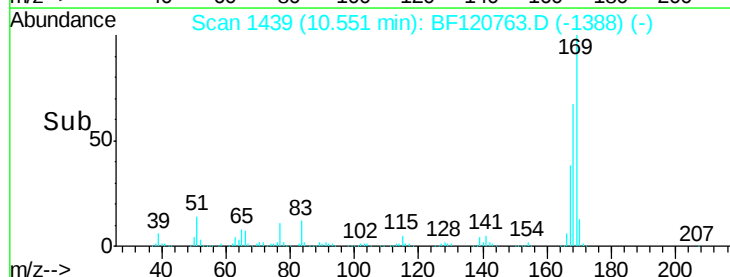
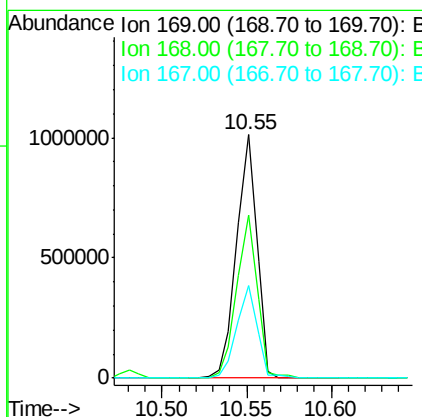
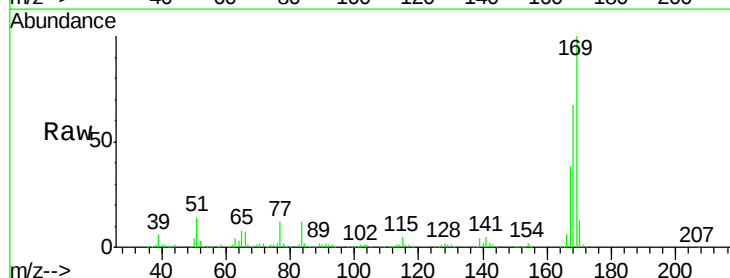
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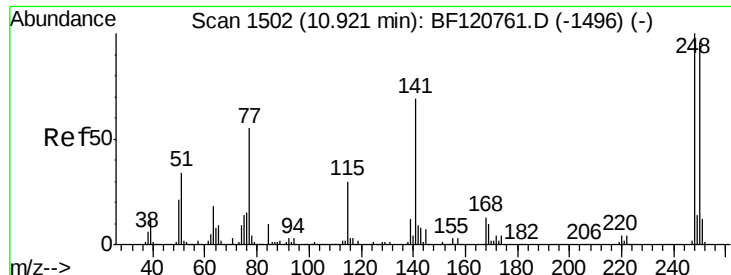
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 58.313 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	850433		
168	67.1	53.1	79.7	
167	37.8	29.6	44.4	





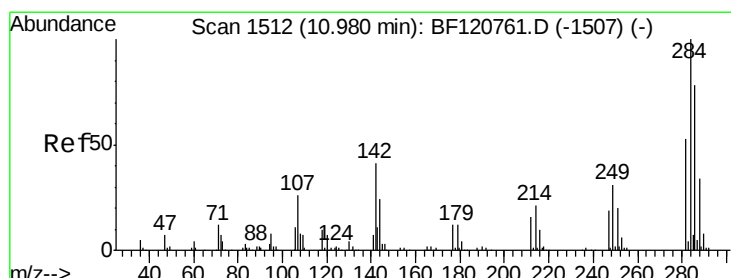
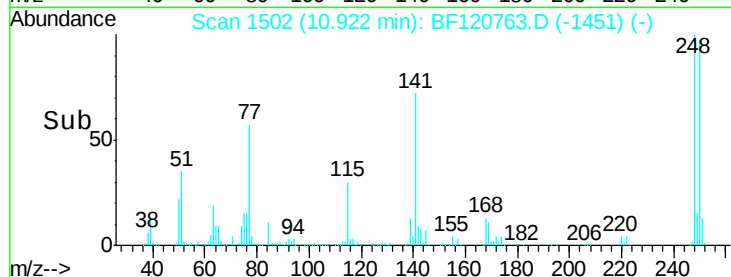
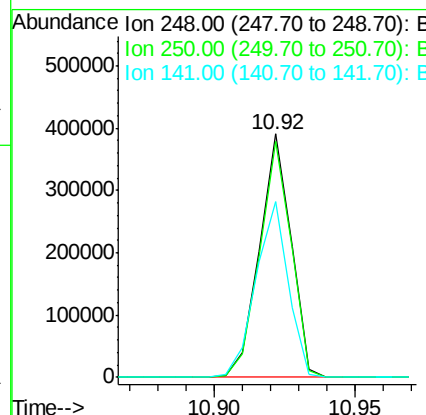
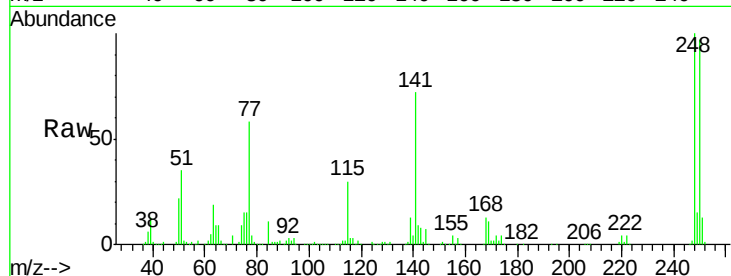
#67
4-Bromophenyl-phenylether
Concen: 56.242 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.5	114.7
141	72.1	54.9	82.3

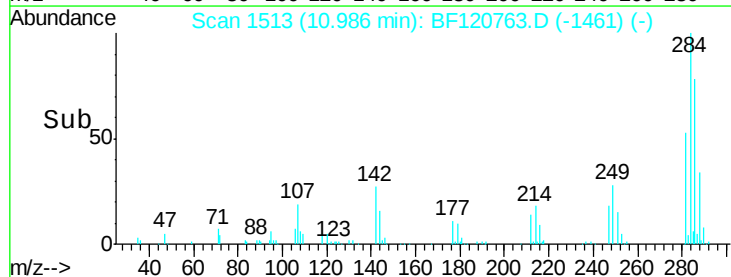
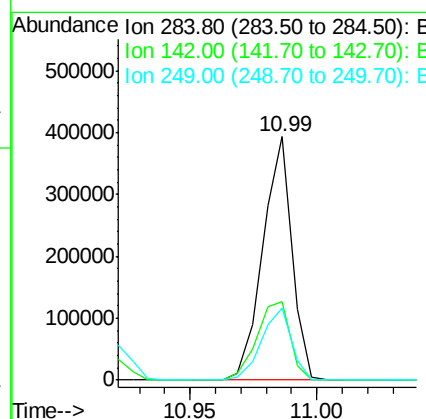
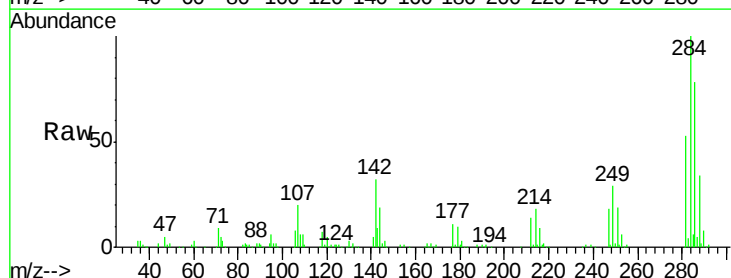
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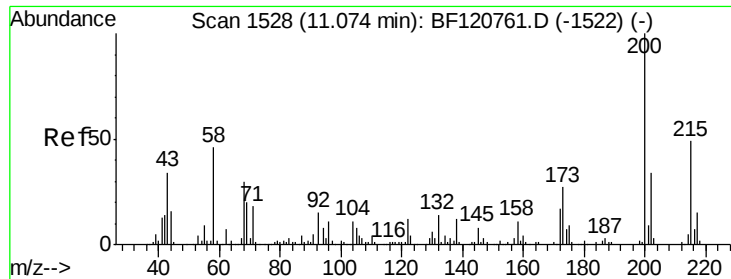
mohammad
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#68
Hexachlorobenzene
Concen: 55.185 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	32.5	48.7#
249	29.4	24.8	37.2





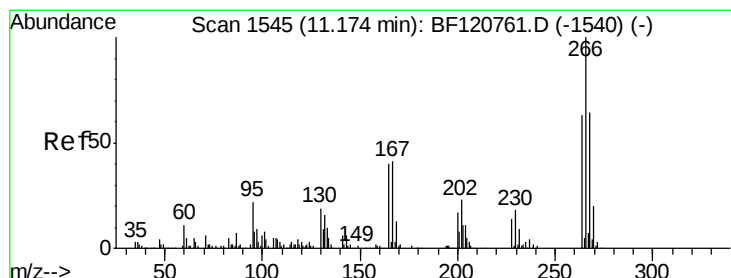
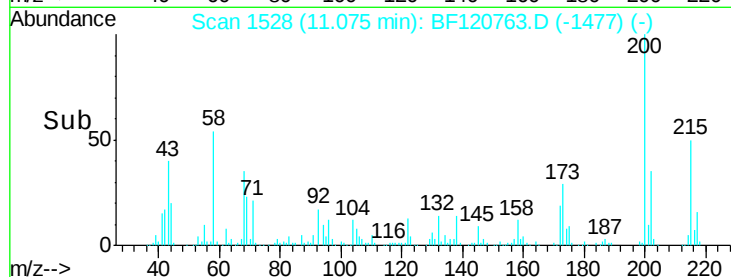
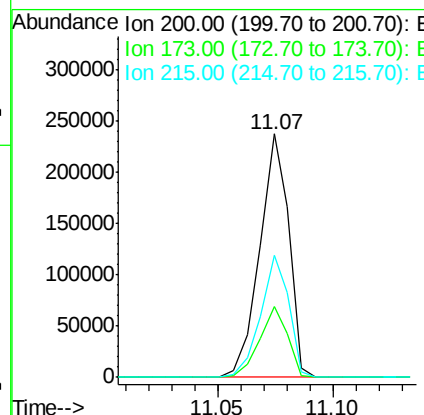
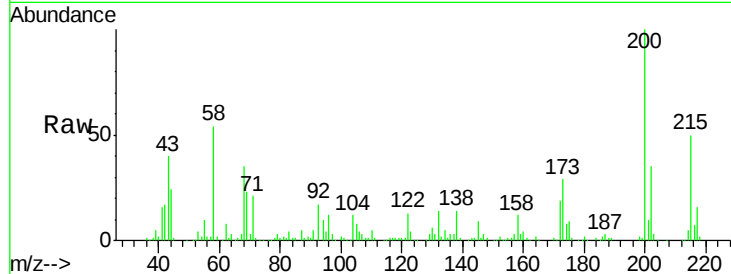
#69
Atrazine
Concen: 52.951 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.3	7.4	47.4
215	50.0	28.8	68.8

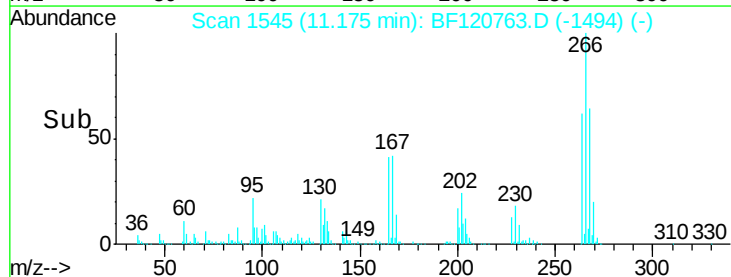
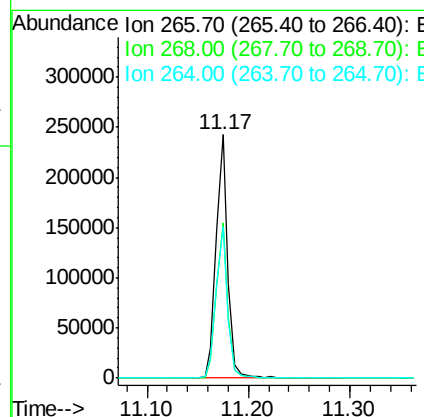
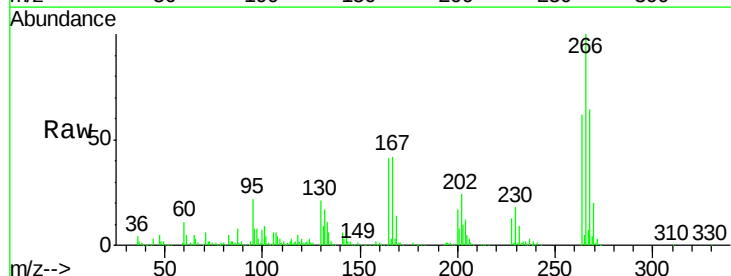
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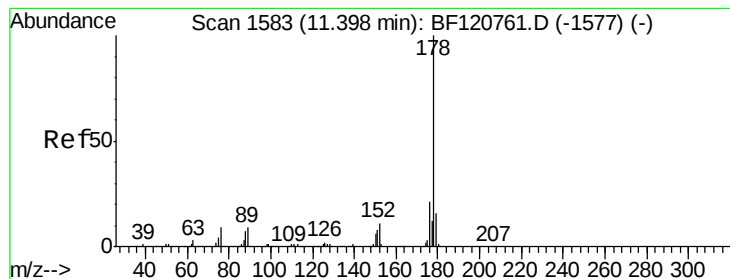
mohammad
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#70
Pentachlorophenol
Concen: 100.892 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.4	77.2
264	62.3	50.6	75.8





#71

Phenanthrene

Concen: 59.050 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF120763.D

Acq: 2 Jul 2020 17:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:178 Resp: 1361821

Ion Ratio Lower Upper

178 100

176 20.5 16.4 24.6

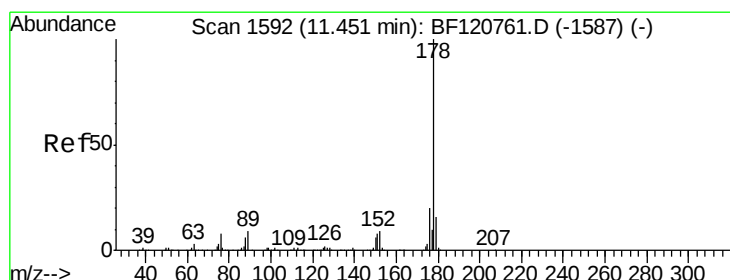
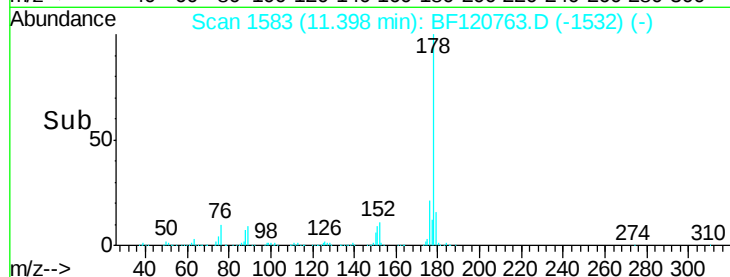
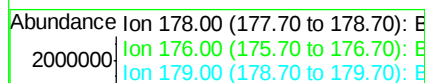
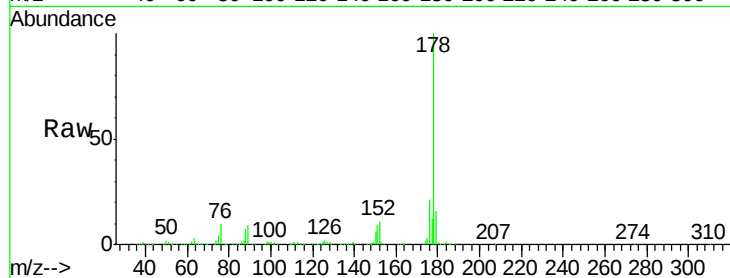
179 16.0 12.9 19.3

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#72

Anthracene

Concen: 58.745 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF120763.D

Acq: 2 Jul 2020 17:30

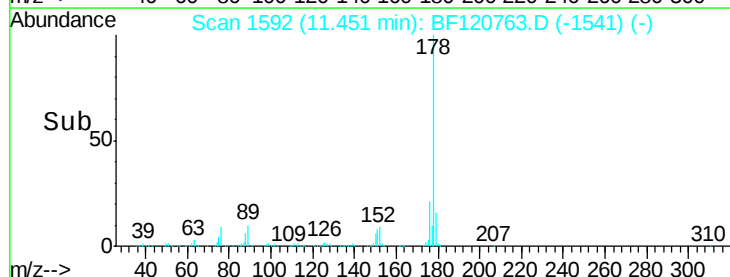
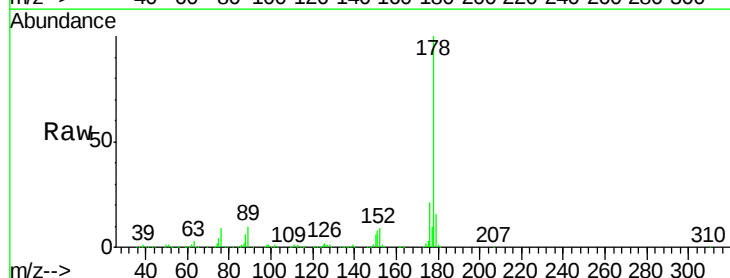
Tgt Ion:178 Resp: 1358702

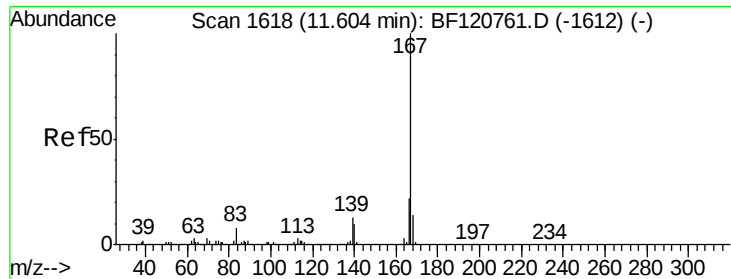
Ion Ratio Lower Upper

178 100

176 20.7 16.2 24.2

179 16.4 12.7 19.1





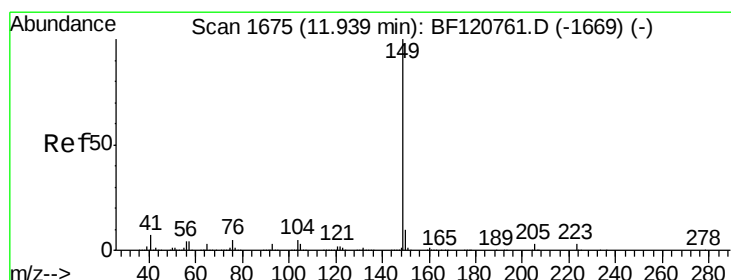
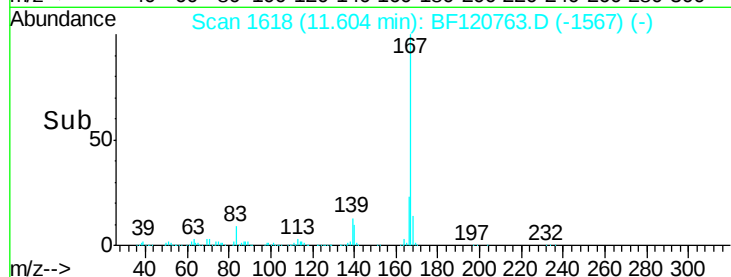
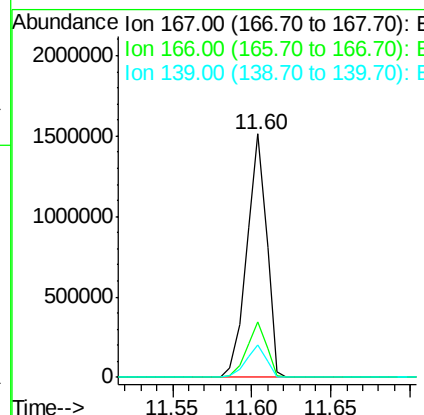
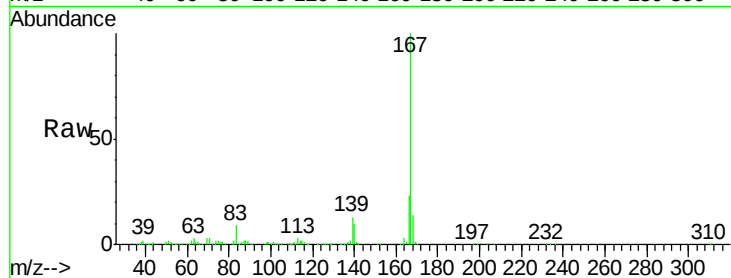
#73
 Carbazole
 Concen: 59.309 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BF120763.D
 Acq: 2 Jul 2020 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.6	17.8	26.8	
139	13.5	10.7	16.1	

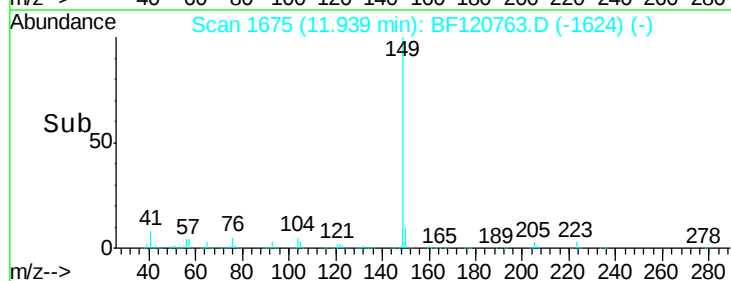
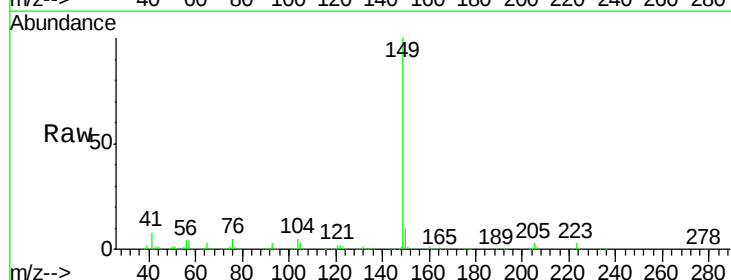
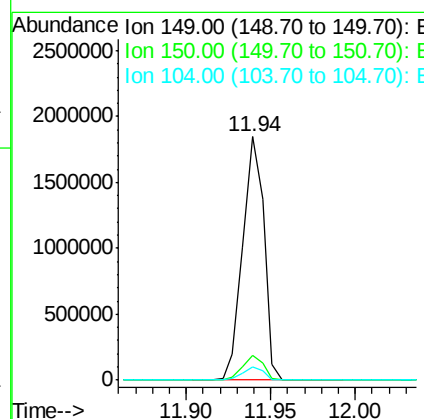
Manual Integrations
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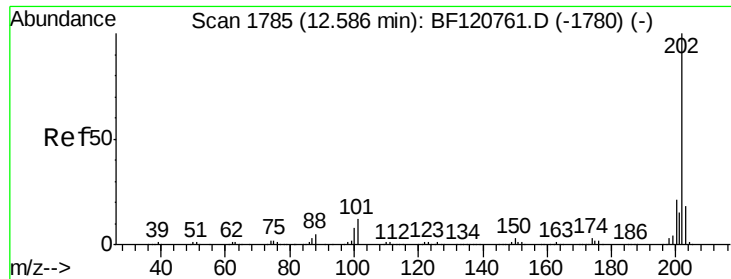
mohammad
 7/7/2020 8:25:24 AM



#74
 Di-n-butylphthalate
 Concen: 60.696 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF120763.D
 Acq: 2 Jul 2020 17:30

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	10.0	7.7	11.5	
104	5.2	4.0	6.0	





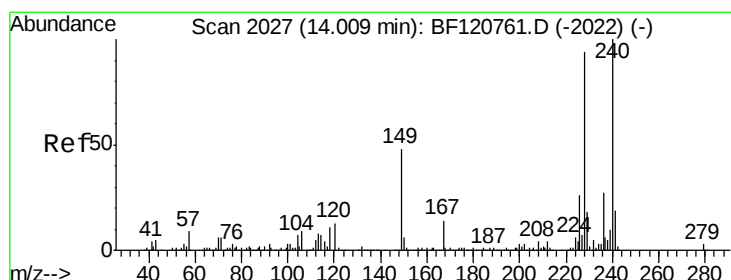
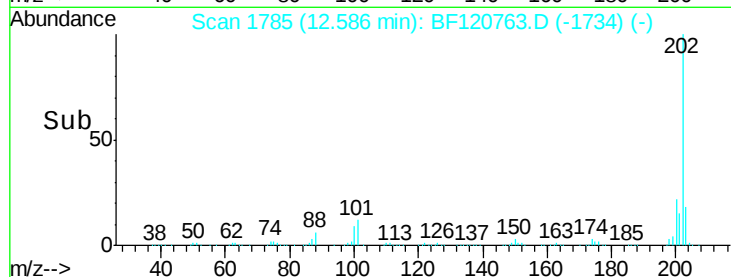
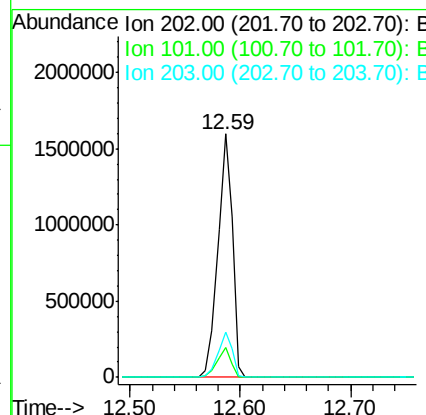
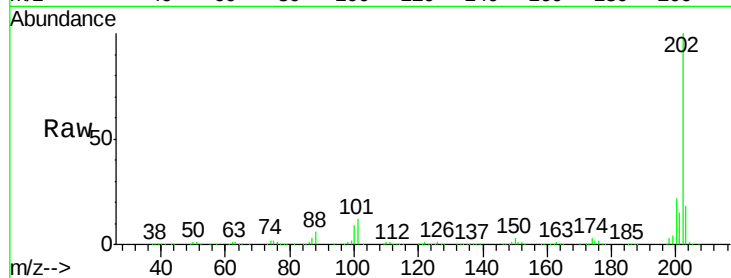
#75
Fluoranthene
 Concen: 55.228 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BF120763.D
 Acq: 2 Jul 2020 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.6
203	18.5	0.0	38.2

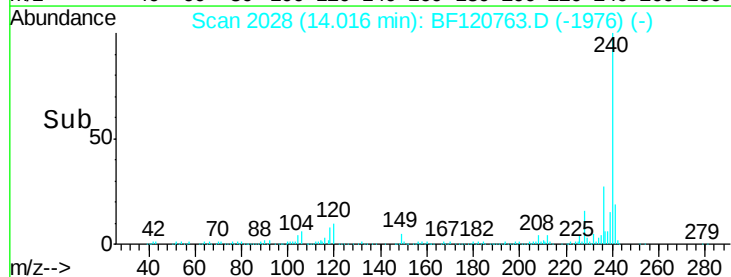
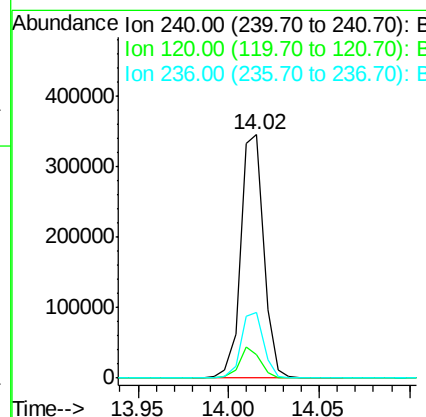
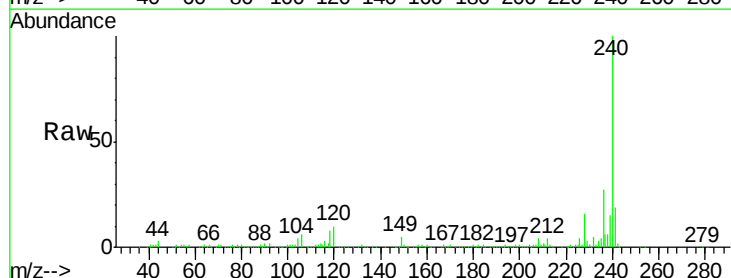
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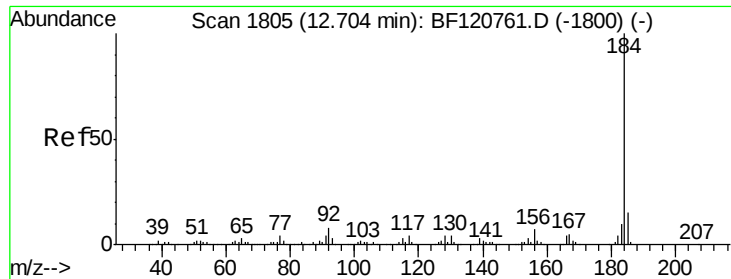
mohammad
 7/7/2020 8:25:24 AM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF120763.D
 Acq: 2 Jul 2020 17:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	10.3	15.5#
236	26.9	21.4	32.2





#77

Benzidine

Concen: 54.370 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF120763.D

Acq: 2 Jul 2020 17:30

Instrument :

BNA_F

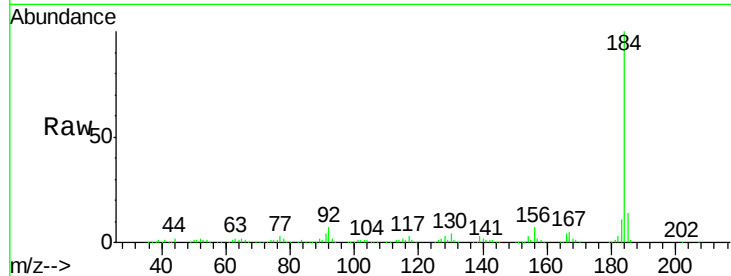
ClientSampleId :

SSTDIC060

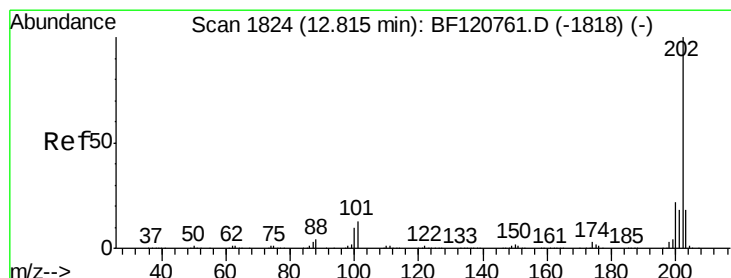
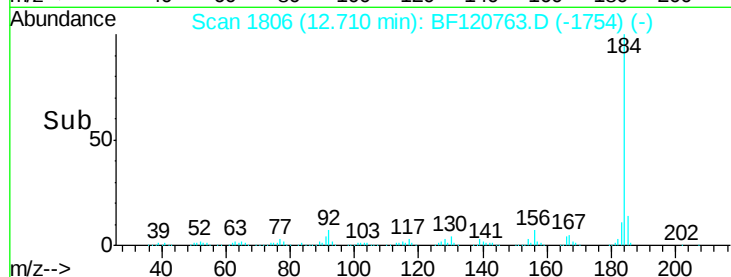
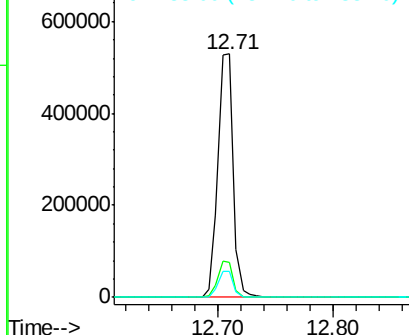
Tot Ion:	184	Resp:	492432
Ion Ratio	Lower	Upper	
184	100		
185	14.1	11.8	17.8
183	10.6	8.3	12.5

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



#78

Pyrene

Concen: 58.763 ng

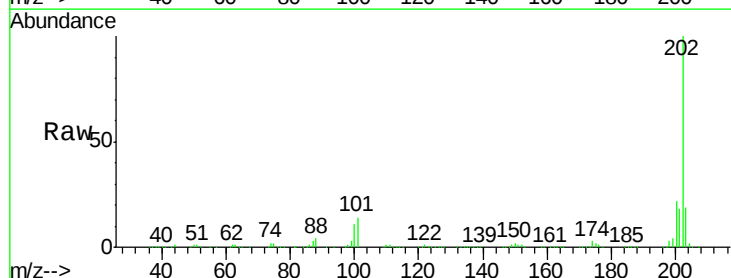
RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

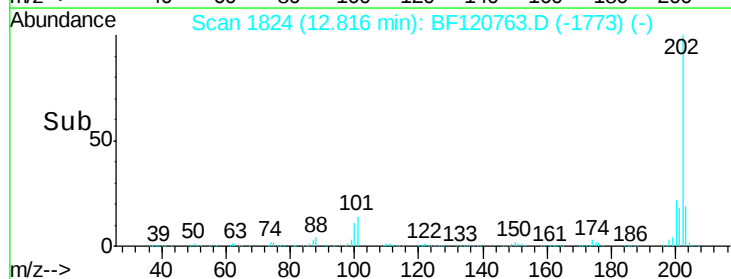
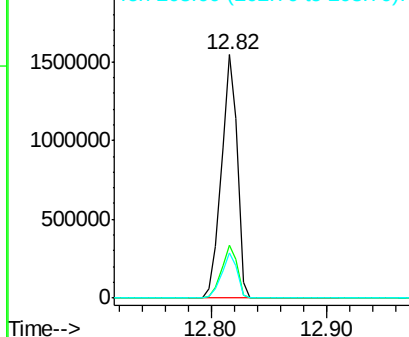
Lab File: BF120763.D

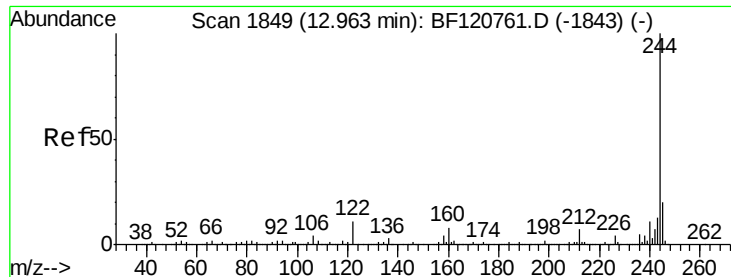
Acq: 2 Jul 2020 17:30

Tgt Ion:	202	Resp:	1457726
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.3	25.9
203	18.7	14.6	22.0



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





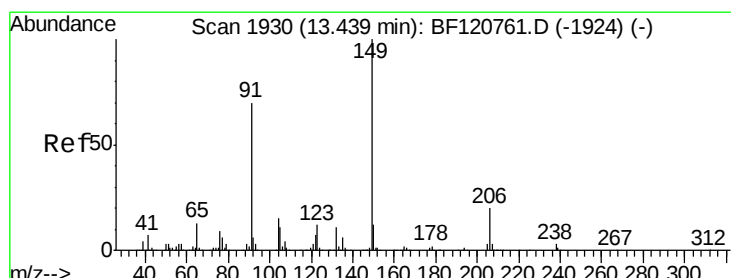
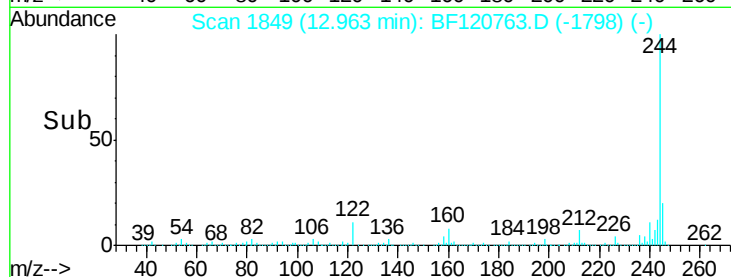
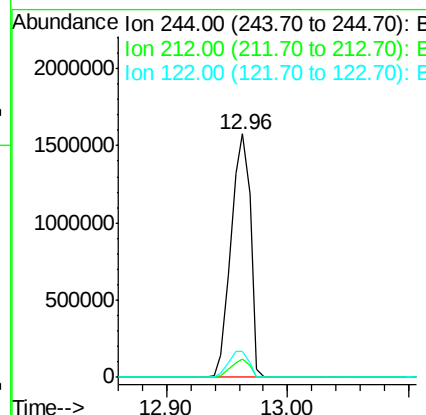
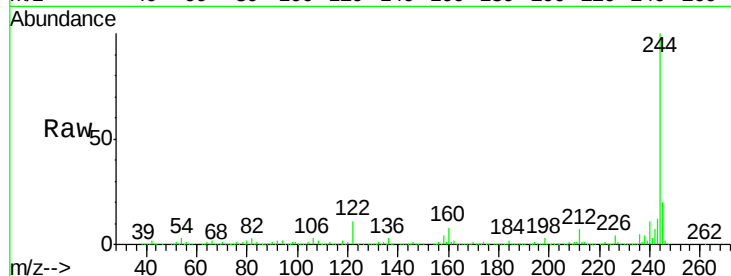
#79
 Terphenyl-d14
 Concen: 108.024 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF120763.D
 Acq: 2 Jul 2020 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	10.7	9.0	13.4

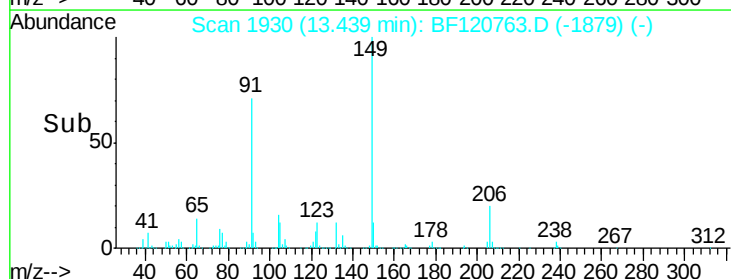
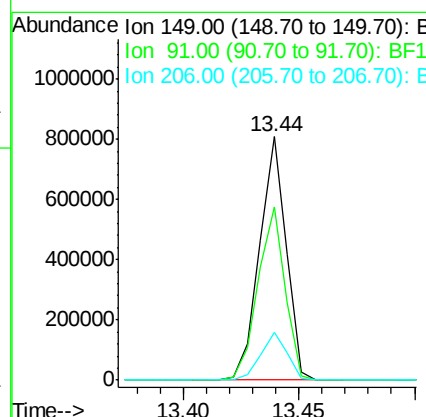
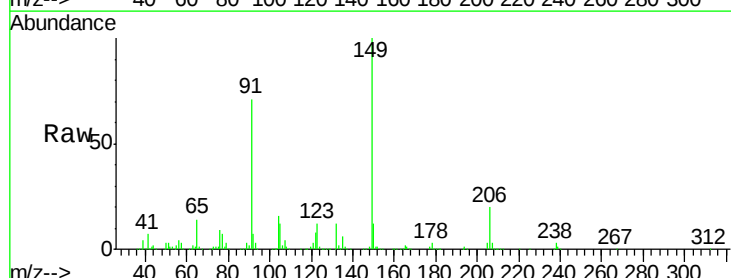
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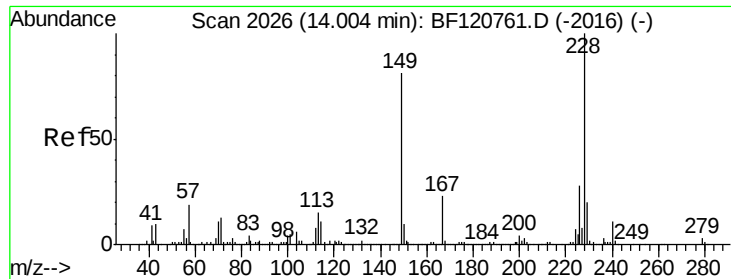
mohammad
 7/7/2020 8:25:24 AM



#80
 Butylbenzylphthalate
 Concen: 62.451 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BF120763.D
 Acq: 2 Jul 2020 17:30

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.3	55.8	83.8
206	19.8	15.7	23.5





#81

Benzo(a)anthracene

Concen: 55.556 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF120763.D

Acq: 2 Jul 2020 17:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:228 Resp: 1090630

Ion Ratio Lower Upper

228 100

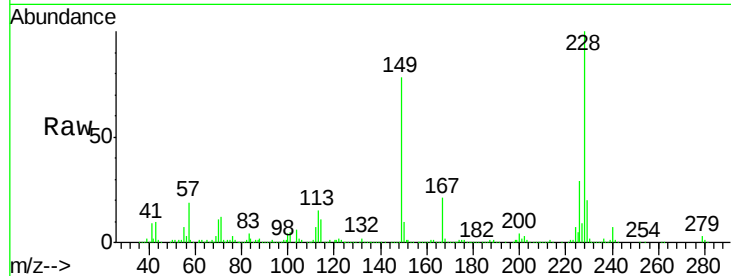
226 28.6 22.6 33.8

229 20.0 15.8 23.6

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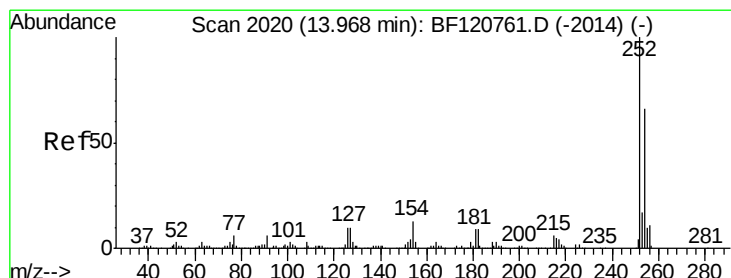
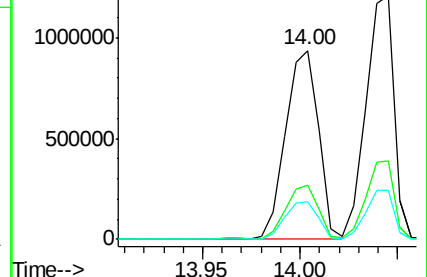
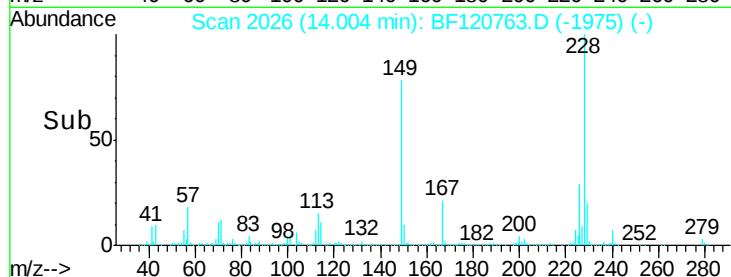
7/7/2020 8:25:24 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 55.425 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF120763.D

Acq: 2 Jul 2020 17:30

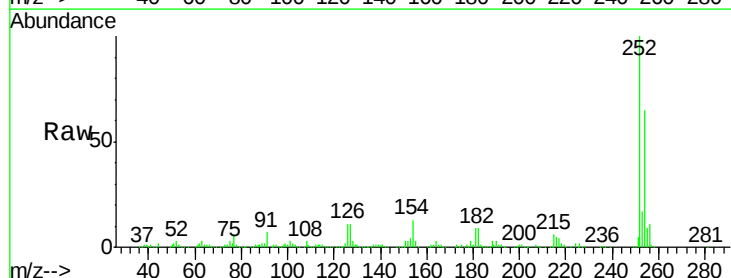
Tgt Ion:252 Resp: 406124

Ion Ratio Lower Upper

252 100

254 65.5 52.6 78.8

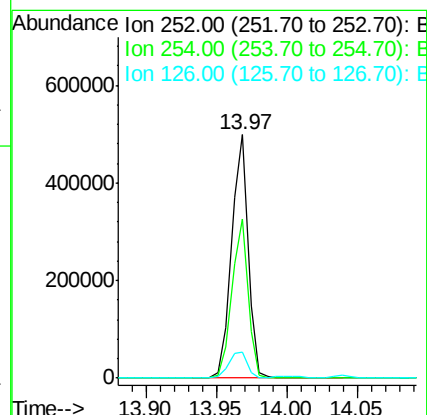
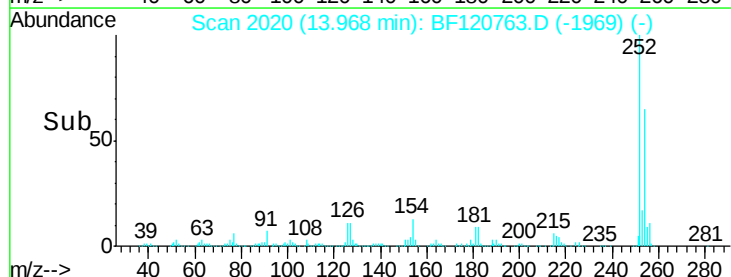
126 10.7 7.8 11.8

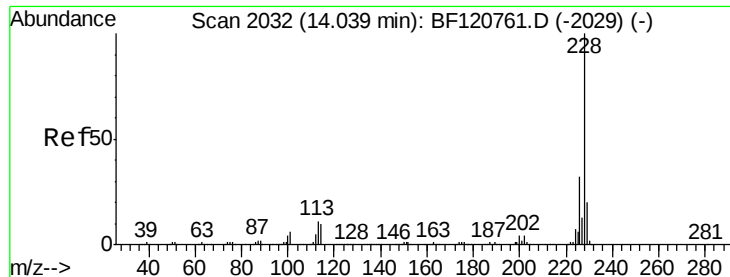


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





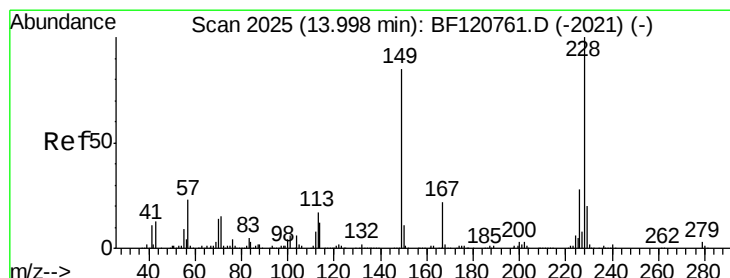
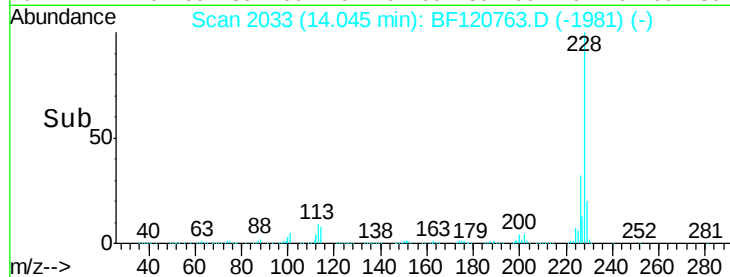
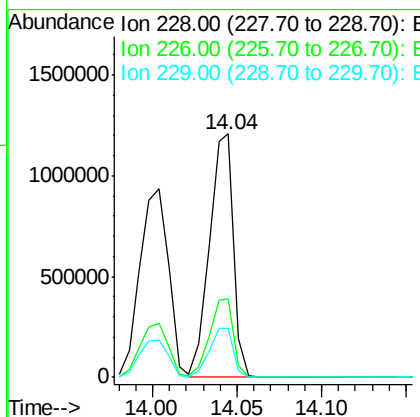
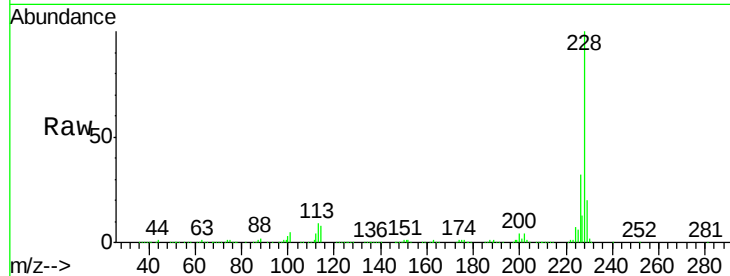
#83
Chrysene
Concen: 58.070 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:228 Resp: 1195974
Ion Ratio Lower Upper
228 100
226 32.2 25.7 38.5
229 20.3 16.3 24.5

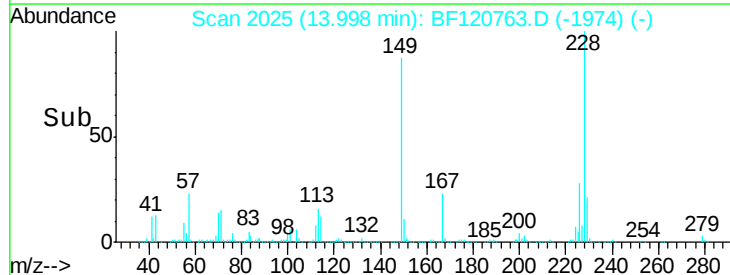
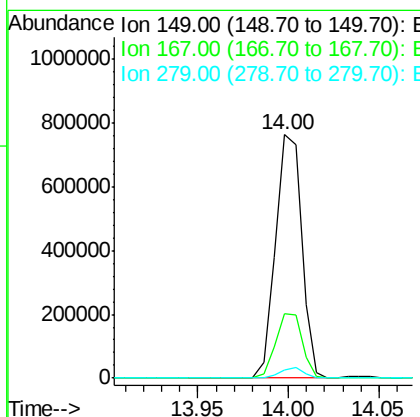
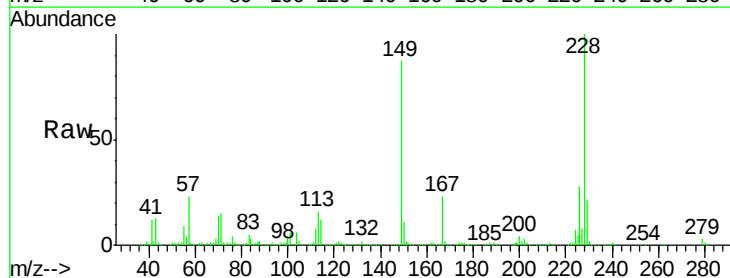
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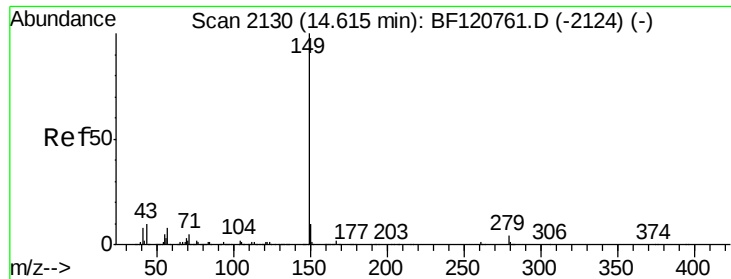
mohammad
7/7/2020 8:25:24 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 58.974 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Tgt Ion:149 Resp: 769241
Ion Ratio Lower Upper
149 100
167 26.5 20.9 31.3
279 3.4 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 59.588 ng

RT: 14.62 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BF120763.D

Acq: 2 Jul 2020 17:30

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 1472591

Ion Ratio Lower Upper

149 100

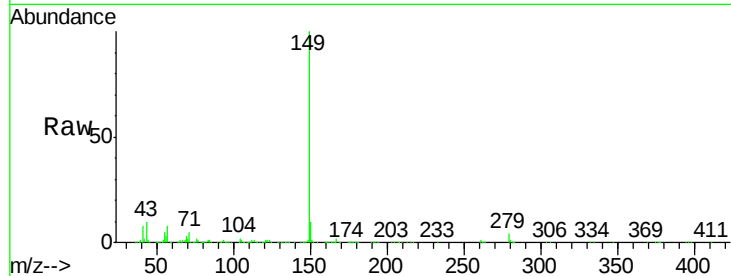
167 1.5 1.2 1.8

43 10.8 8.7 13.1

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mohammad

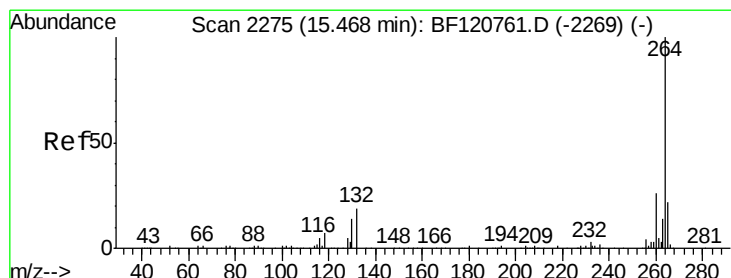
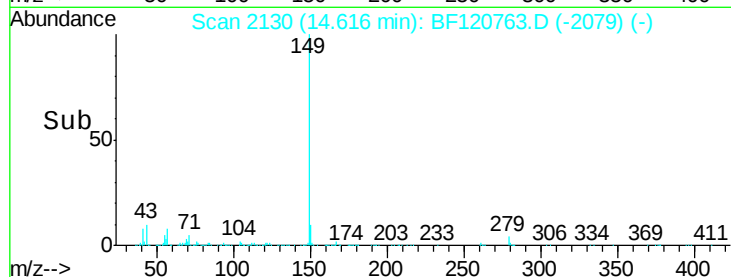
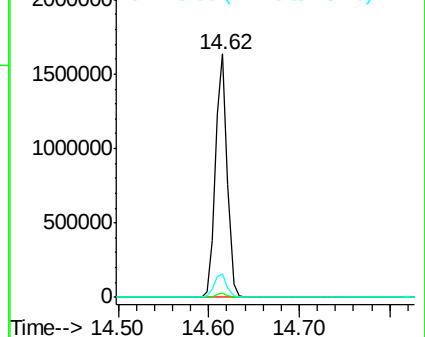
7/7/2020 8:25:24 AM



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: 15.47 min Scan# 2275

Delta R.T. 0.00 min

Lab File: BF120763.D

Acq: 2 Jul 2020 17:30

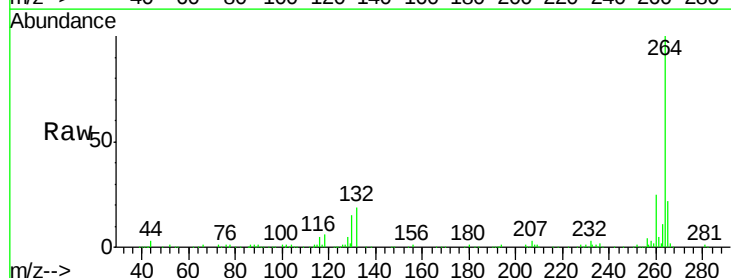
Tgt Ion:264 Resp: 271774

Ion Ratio Lower Upper

264 100

260 24.6 20.6 30.8

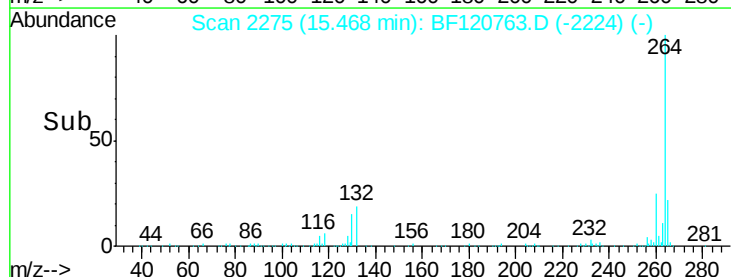
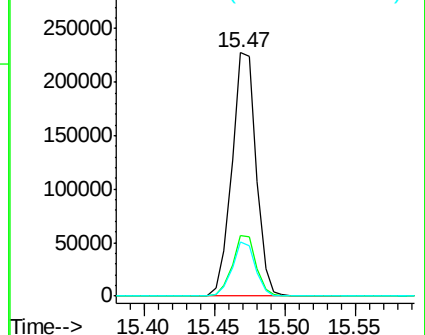
265 22.1 17.6 26.4

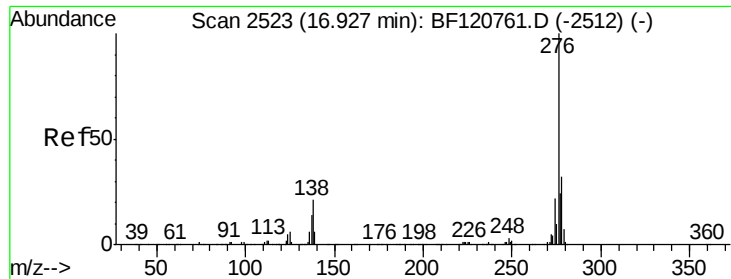


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





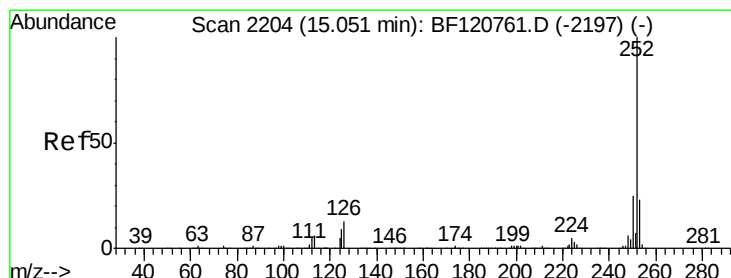
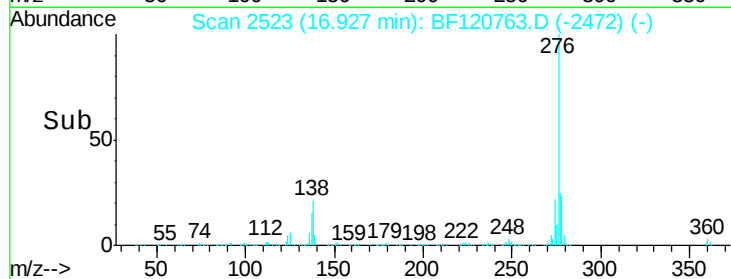
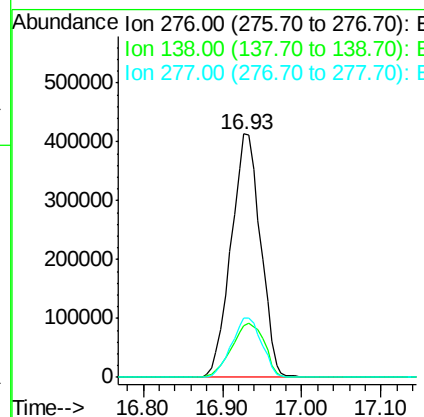
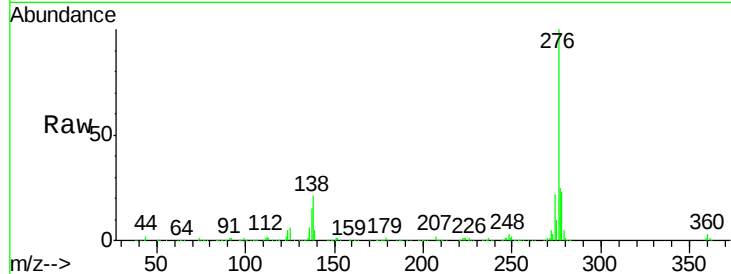
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 61.960 ng
 RT: 16.93 min Scan# 2523
 Delta R.T. 0.00 min
 Lab File: BF120763.D
 Acq: 2 Jul 2020 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.8	29.8
277	25.2	19.9	29.9

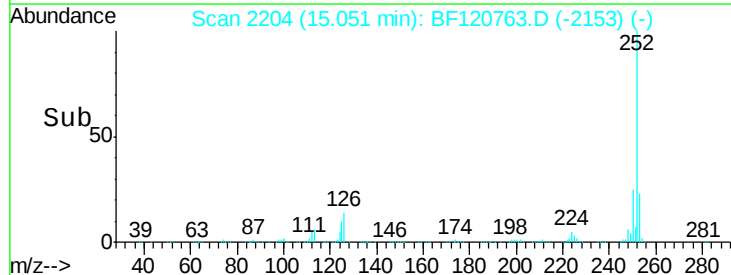
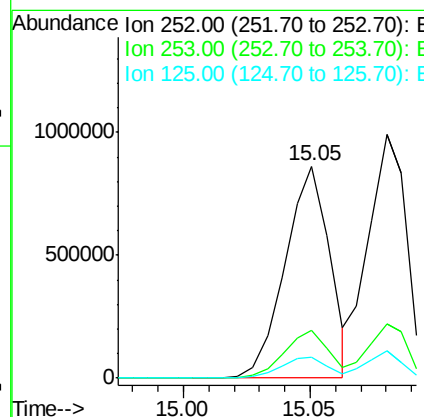
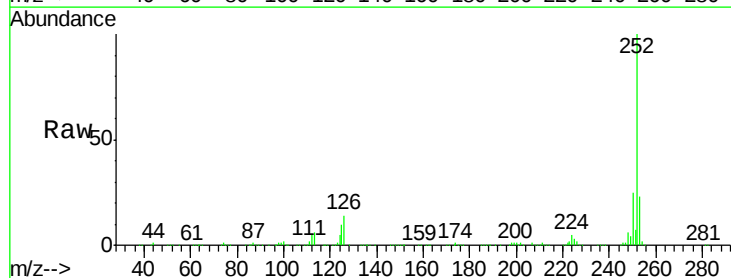
Manual Integrations
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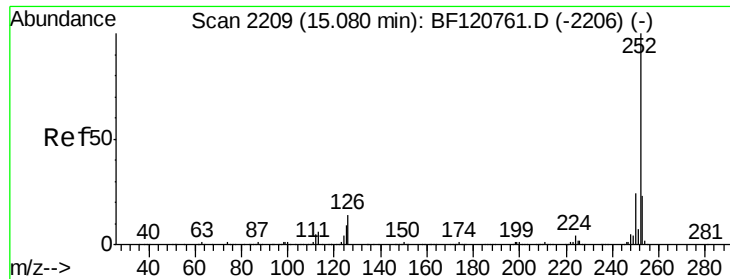
mohammad
 7/7/2020 8:25:24 AM



#88
 Benzo(b)fluoranthene
 Concen: 60.635 ng
 RT: 15.05 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BF120763.D
 Acq: 2 Jul 2020 17:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	9.9	7.5	11.3





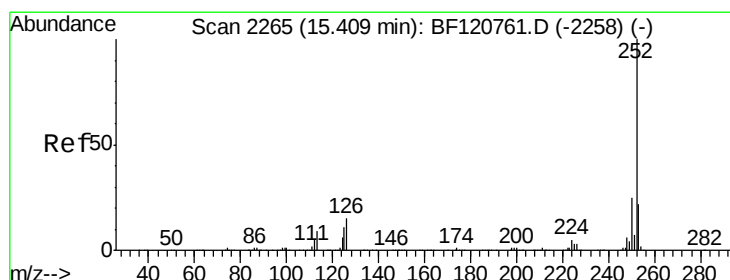
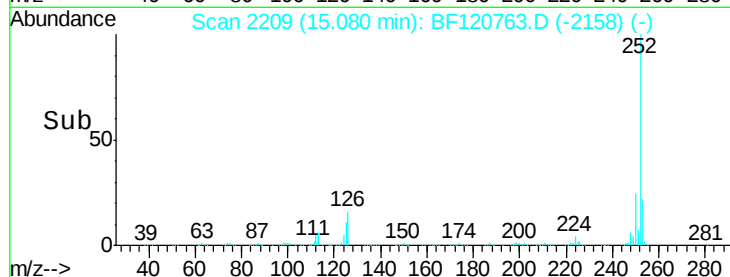
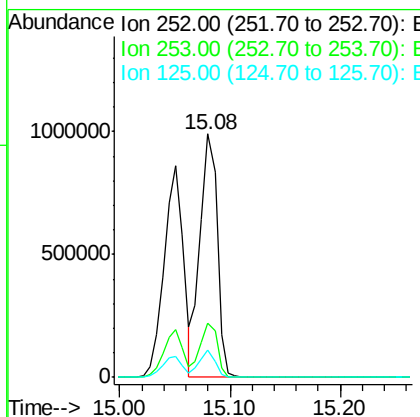
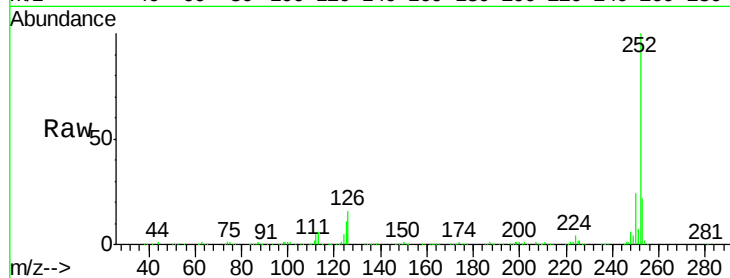
#89
Benzo(k)fluoranthene
Concen: 68.942 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	11.0	7.6	11.4

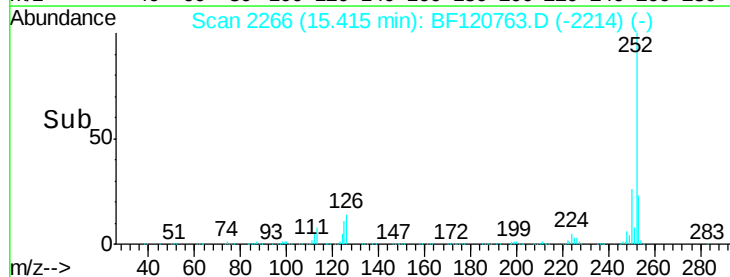
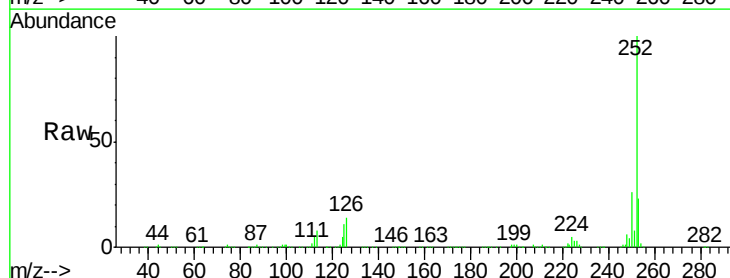
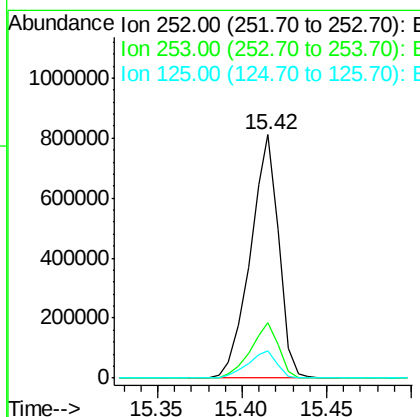
Manual Integrations
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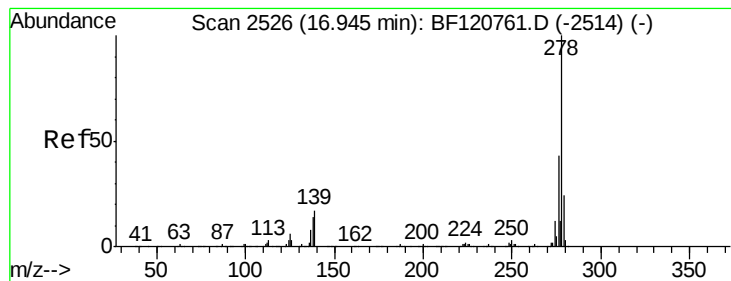
mohammad
7/7/2020 8:25:24 AM



#90
Benzo(a)pyrene
Concen: 63.445 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF120763.D
Acq: 2 Jul 2020 17:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	11.2	9.2	13.8





#91

Dibenzo(a,h)anthracene

Concen: 63.729 ng

RT: 16.95 min Scan# 2527

Delta R.T. 0.01 min

Lab File: BF120763.D

Acq: 2 Jul 2020 17:30

Instrument :

BNA_F

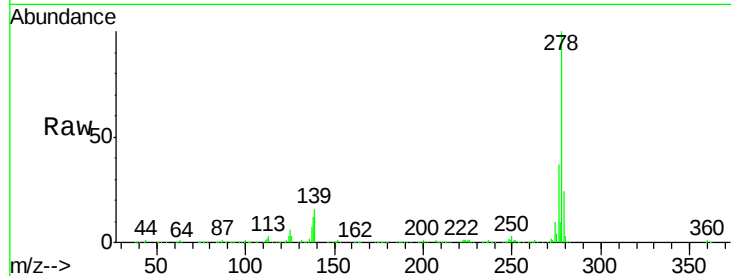
ClientSampleId :

SSTDIC060

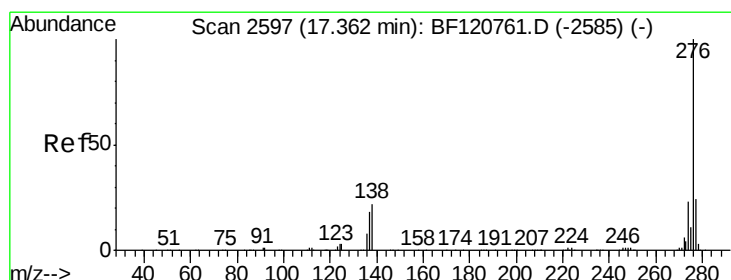
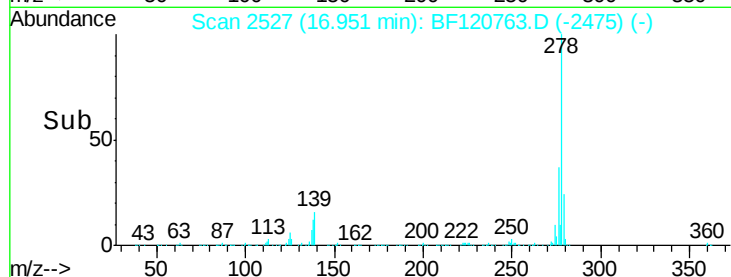
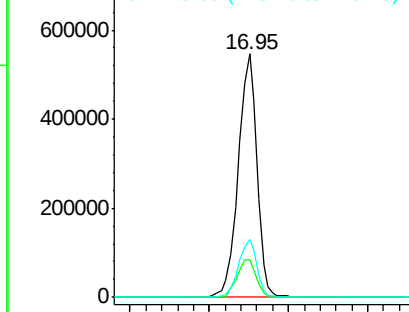
Tot Ion	Ion	Ratio	Resp	Lower	Upper
278	100				
139	15.5		13.3	19.9	
279	23.9		19.0	28.6	

Manual Integrations
APPROVED

mohammad
7/7/2020 8:25:24 AM



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



#92

Benzo(g,h,i)perylene

Concen: 57.221 ng

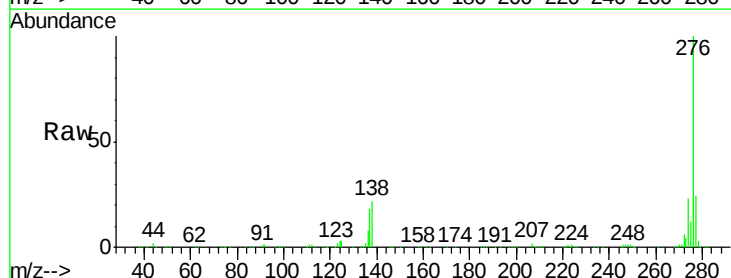
RT: 17.37 min Scan# 2598

Delta R.T. 0.01 min

Lab File: BF120763.D

Acq: 2 Jul 2020 17:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
277	24.0		18.8	28.2	
138	22.2		17.4	26.2	



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

