

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
 Data File : BF120722.D
 Acq On : 26 Jun 2020 21:25
 Operator : JU/CG
 Sample : L2810-16MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Manual Integrations
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mohammad
 6/29/2020 3:18:35 PM

Quant Time: Jun 27 01:19:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	153062	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	578827	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	302246	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	590485	20.00	ng	0.00
76) Chrysene-d12	13.96	240	472714	20.00	ng	0.00
86) Perylene-d12	15.40	264	536552	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	966132	108.22	ng	0.00
7) Phenol-d6	6.43	99	1112714	100.07	ng	0.00
23) Nitrobenzene-d5	7.36	82	863621	83.40	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	428809	122.03	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1639882	83.01	ng	-0.01
79) Terphenyl-d14	12.90	244	1912669	89.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	158553	37.471	ng	# 84
3) Pyridine	3.33	79	326911	27.483	ng	99
4) n-Nitrosodimethylamine	3.26	42	200522	40.621	ng	98
6) Aniline	6.46	93	334745	23.523	ng	# 88
8) 2-Chlorophenol	6.58	128	460049	45.601	ng	99
9) Benzaldehyde	6.34	77	116261	16.530	ng	99
10) Phenol	6.45	94	448824	37.831	ng	99
11) bis(2-Chloroethyl)ether	6.53	93	449186	45.455	ng	97
12) 1,3-Dichlorobenzene	6.73	146	466819	43.525	ng	98
13) 1,4-Dichlorobenzene	6.81	146	474153	44.807	ng	99
14) 1,2-Dichlorobenzene	6.96	146	437428	42.435	ng	99
15) Benzyl Alcohol	6.94	79	346368	43.924	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	604965	42.518	ng	94
17) 2-Methylphenol	7.06	107	356648	41.449	ng	97
18) Hexachloroethane	7.30	117	172820	44.321	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	290524	45.043	ng	99
20) 3+4-Methylphenols	7.21	107	403842	37.559	ng	97
22) Acetophenone	7.20	105	575054	44.438	ng	# 98
24) Nitrobenzene	7.38	77	466643	43.062	ng	97
25) Isophorone	7.62	82	855673	42.420	ng	97
26) 2-Nitrophenol	7.69	139	255648	44.593	ng	97
27) 2,4-Dimethylphenol	7.73	122	379249	44.929	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	544186	46.540	ng	100
29) 2,4-Dichlorophenol	7.94	162	389969	45.449	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	422197	44.401	ng	99
31) Naphthalene	8.10	128	1325554	46.638	ng	99
32) Benzoic acid	7.87	122	231059	35.677	ng	93
33) 4-Chloroaniline	8.15	127	280842	21.528	ng	100
34) Hexachlorobutadiene	8.22	225	241355	43.544	ng	99
35) Caprolactam	8.53	113	98823m	36.011	ng	
36) 4-Chloro-3-methylphenol	8.64	107	398697	46.510	ng	99
37) 2-Methylnaphthalene	8.79	142	883922	47.640	ng	99
38) 1-Methylnaphthalene	8.89	142	844194	48.353	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	403480	44.708	ng	99

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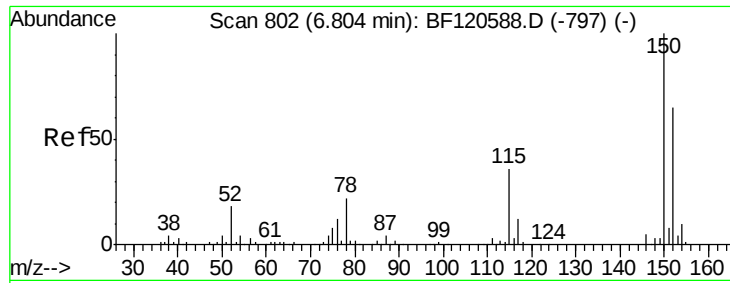
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Quant Time: Jun 27 01:19:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	420426	83.133	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	288901	45.128	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	309563	42.622	nq	97
46) 1,1'-Biphenyl	9.25	154	1050918	46.565	nq	99
47) 2-Chloronaphthalene	9.28	162	833043	45.138	nq	99
48) 2-Nitroaniline	9.37	65	257384	44.405	nq	97
49) Acenaphthylene	9.69	152	1309406	45.972	nq	100
50) Dimethylphthalate	9.56	163	1107632	50.884	nq	100
51) 2,6-Dinitrotoluene	9.62	165	229402	46.502	nq	91
52) Acenaphthene	9.86	154	778957	45.856	nq	99
53) 3-Nitroaniline	9.79	138	176956	29.865	nq	97
54) 2,4-Dinitrophenol	9.90	184	253329	87.246	nq	94
55) Dibenzofuran	10.04	168	1170863	44.953	nq	99
56) 4-Nitrophenol	9.96	139	298889	66.976	nq	97
57) 2,4-Dinitrotoluene	10.03	165	298434	45.590	nq	96
58) Fluorene	10.38	166	902368	44.941	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	263066	46.038	nq	99
60) Diethylphthalate	10.26	149	983390	45.869	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	442493	42.674	nq	99
62) 4-Nitroaniline	10.40	138	248332	42.216	nq	99
63) Azobenzene	10.53	77	897862	46.137	nq	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	176342	49.770	nq	99
66) n-Nitrosodiphenylamine	10.49	169	847113	46.716	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	296966	44.313	nq	98
68) Hexachlorobenzene	10.93	284	332181	46.103	nq	100
69) Atrazine	11.02	200	243514	43.397	nq	98
70) Pentachlorophenol	11.13	266	337624	84.284	nq	99
71) Phenanthrene	11.34	178	1358027	46.266	nq	99
72) Anthracene	11.39	178	1399447	47.299	nq	100
73) Carbazole	11.55	167	1305054	44.559	nq	99
74) Di-n-butylphthalate	11.88	149	1554993	47.225	nq	99
75) Fluoranthene	12.53	202	1512547	45.070	nq	97
77) Benzidine	12.65	184	276330	17.285	nq	99
78) Pyrene	12.76	202	1557317	46.504	nq	100
80) Butylbenzylphthalate	13.37	149	682240	45.881	nq	100
81) Benzo(a)anthracene	13.95	228	1332779	46.928	nq	100
82) 3,3'-Dichlorobenzidine	13.91	252	381399	35.159	nq	98
83) Chrysene	13.99	228	1353309	46.455	nq	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	891772	49.140	nq	100
85) Di-n-octyl phthalate	14.55	149	1633858	47.175	nq	99
87) Indeno(1,2,3-cd)pyrene	16.84	276	1748233	53.565	nq	100
88) Benzo(b)fluoranthene	14.99	252	1467797	45.924	nq	99
89) Benzo(k)fluoranthene	15.02	252	1396603	49.382	nq	100
90) Benzo(a)pyrene	15.34	252	1347423	47.106	nq	100
91) Dibenzo(a,h)anthracene	16.86	278	1387143	53.001	nq	100
92) Benzo(g,h,i)perylene	17.27	276	1479807	56.095	nq	98

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



#1

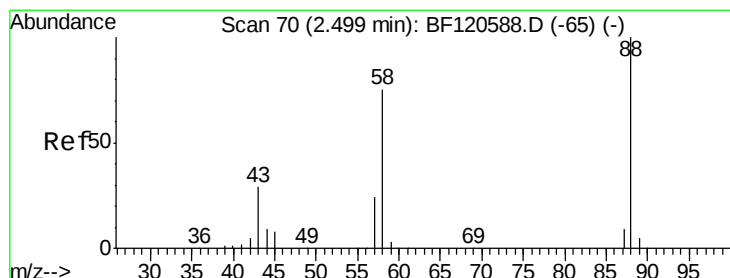
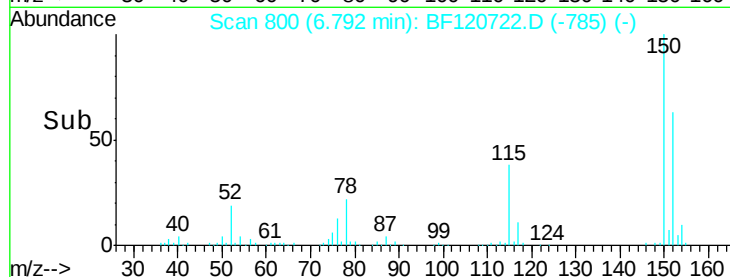
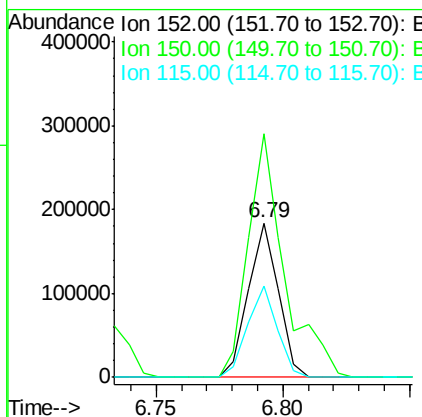
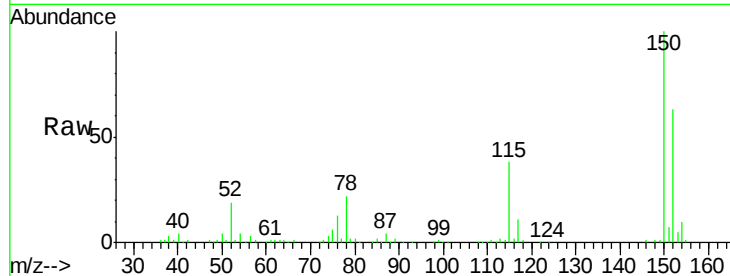
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	123.2	184.8
115	59.1	43.9	65.9

Manual Integrations
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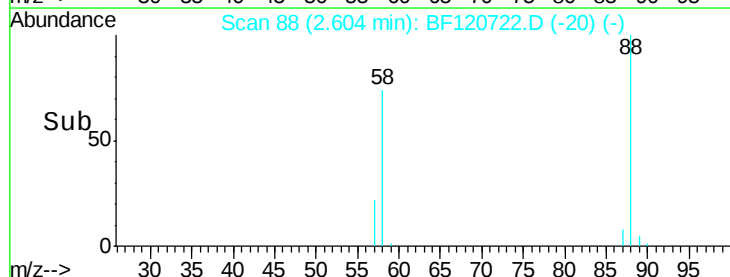
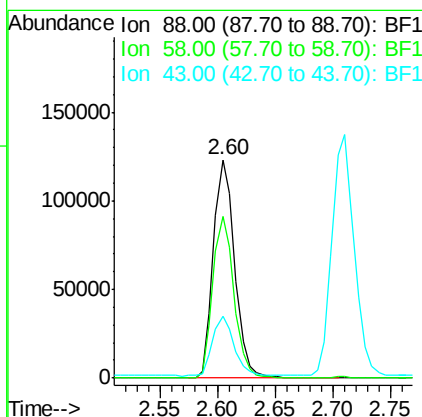
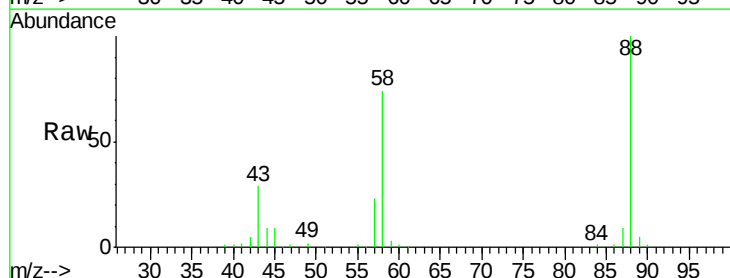
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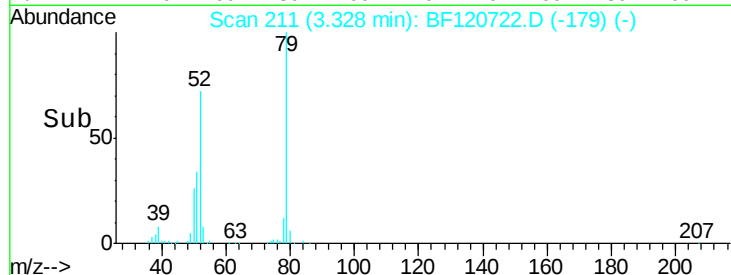
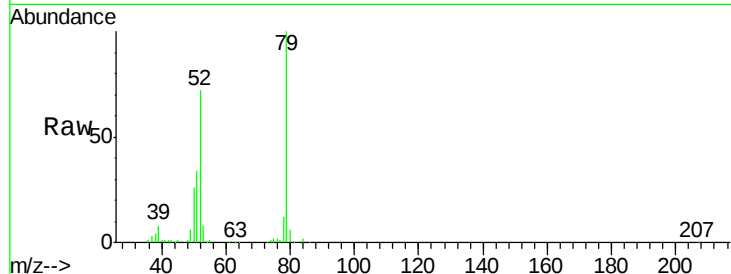
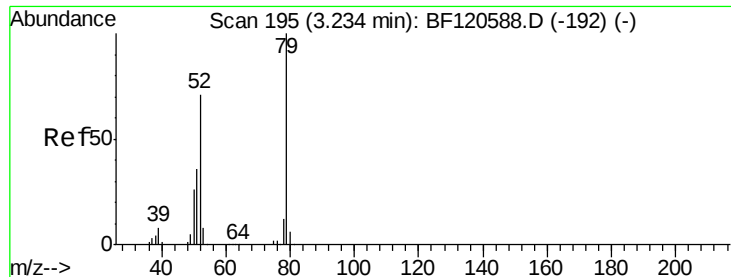


#2

1,4-Dioxane
Concen: 37.471 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.10 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.9	59.6	89.4
43	0.0	23.1	34.7#





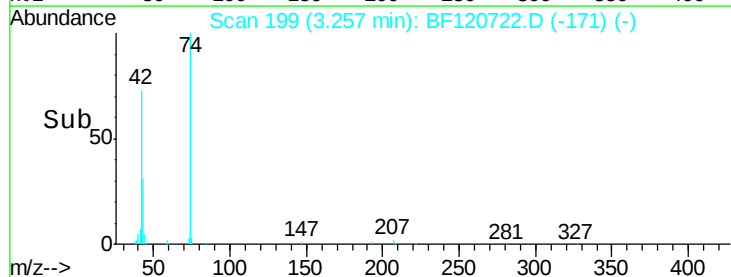
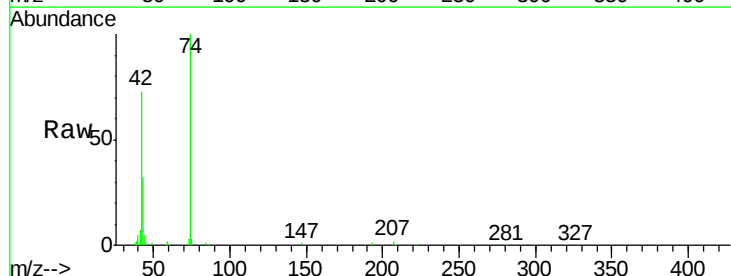
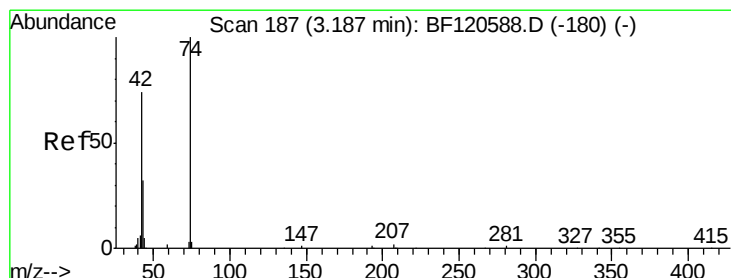
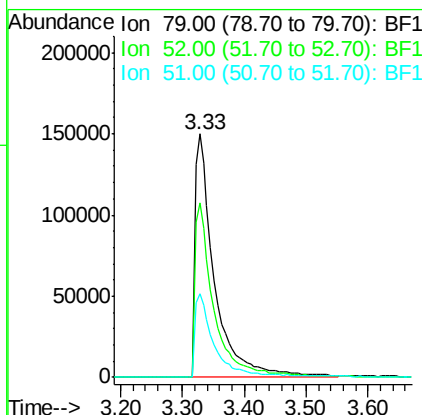
#3
 Pvridine
 Concen: 27.483 ng
 RT: 3.33 min Scan# 211
 Delta R.T. 0.09 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.6	57.0	85.6
51	34.5	28.5	42.7

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

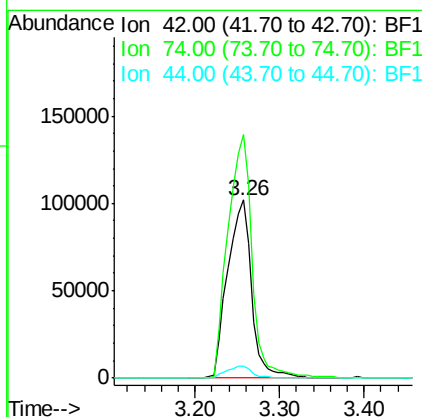
Manual Integrations
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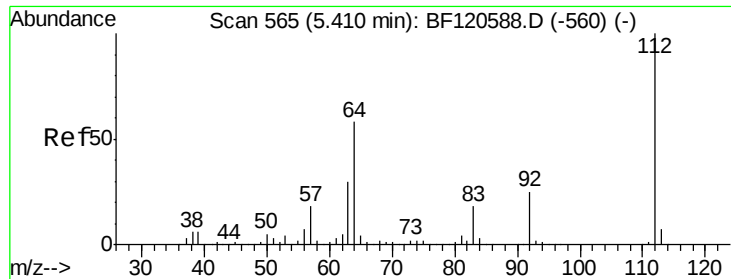
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#4
 n-Nitrosodimethylamine
 Concen: 40.621 ng
 RT: 3.26 min Scan# 199
 Delta R.T. 0.06 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Tgt Ion	Ratio	Lower	Upper
42	100		
74	136.7	107.8	161.6
44	6.8	5.1	7.7





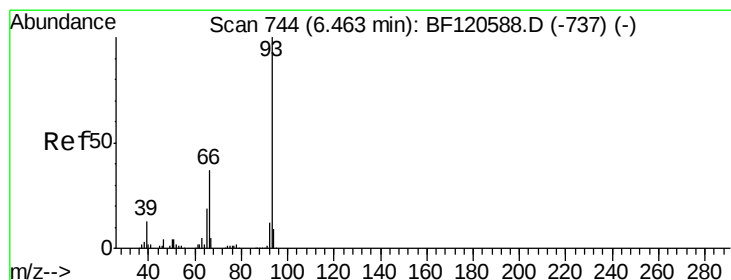
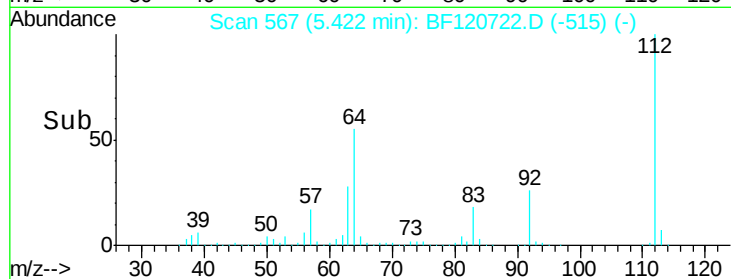
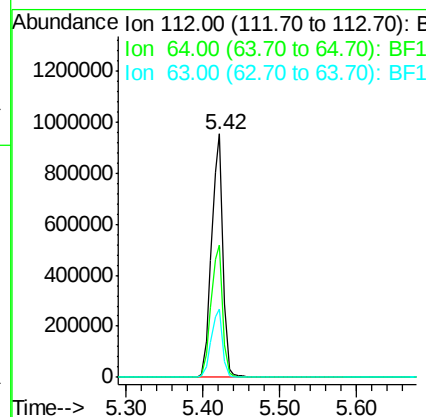
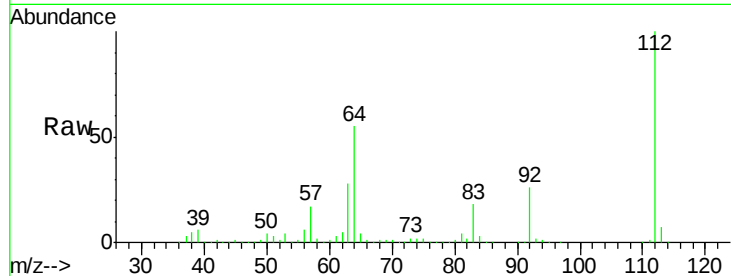
#5
2-Fluorophenol
Concen: 108.217 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		966132		
64	54.5	46.1	69.1		
63	27.8	23.7	35.5		

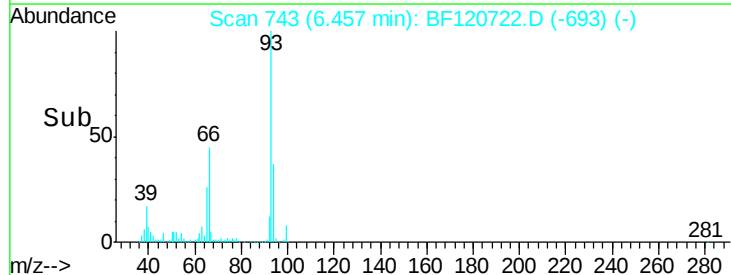
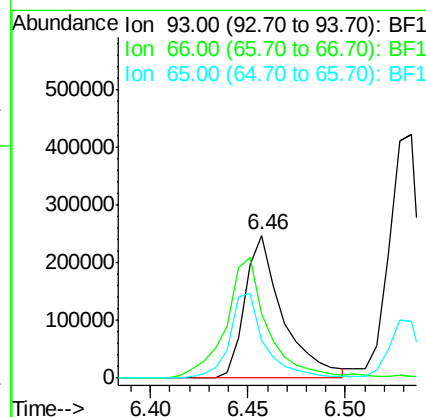
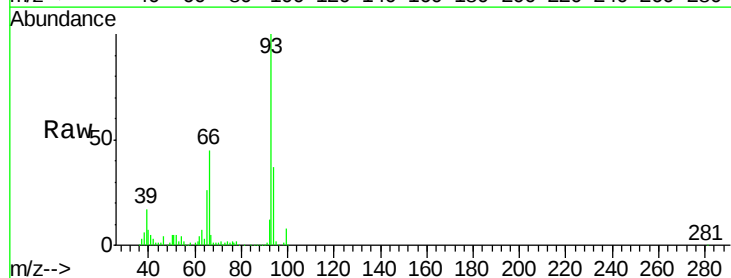
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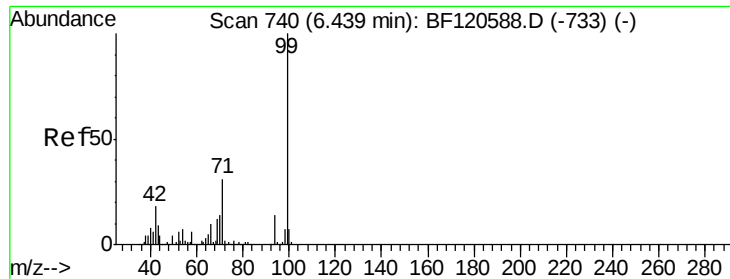
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#6
Aniline
Concen: 23.523 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		334745		
66	45.0	30.9	46.3		
65	26.5	15.9	23.9		





#7

Phenol-d6

Concen: 100.069 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

Tot Ion: 99 Resp: 1112714

Ion Ratio Lower Upper

99 100

42 17.6 14.0 21.0

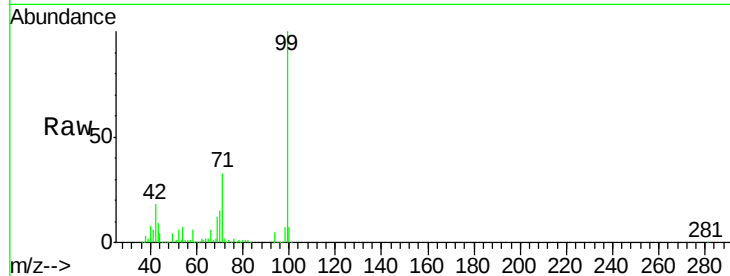
71 32.6 24.9 37.3

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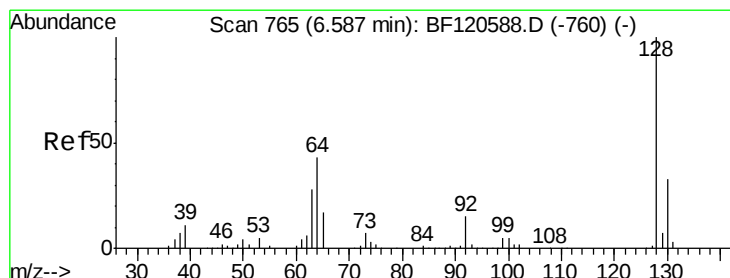
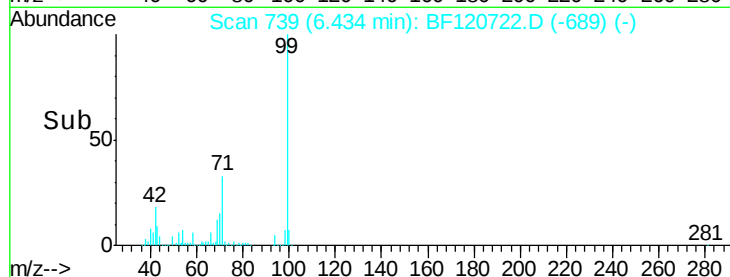
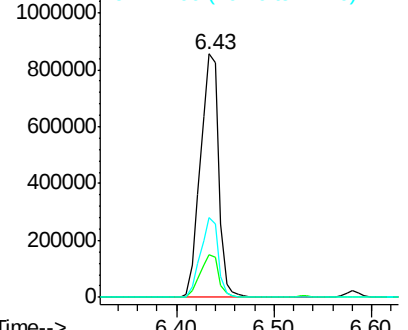
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.601 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

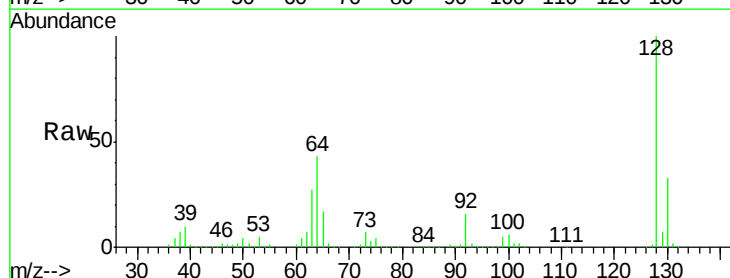
Tgt Ion: 128 Resp: 460049

Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

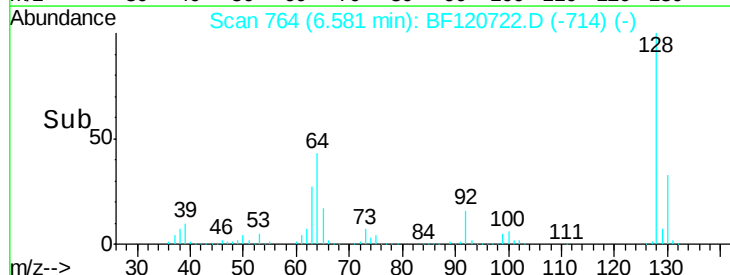
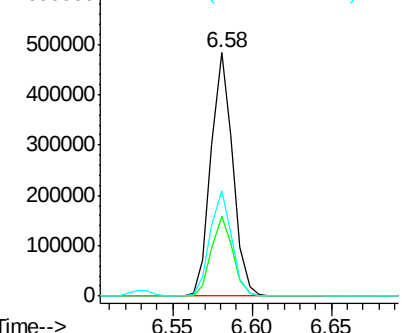
64 43.1 24.3 64.3

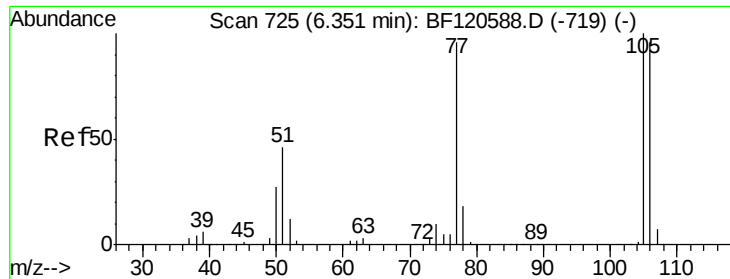


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 16.530 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

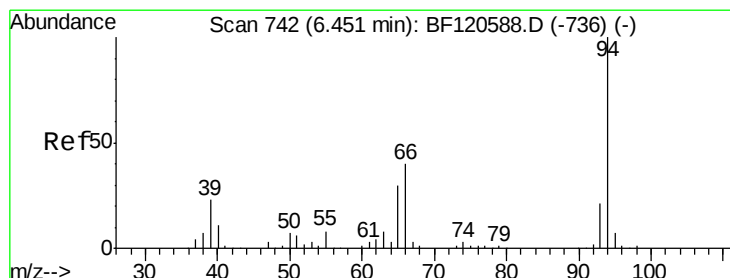
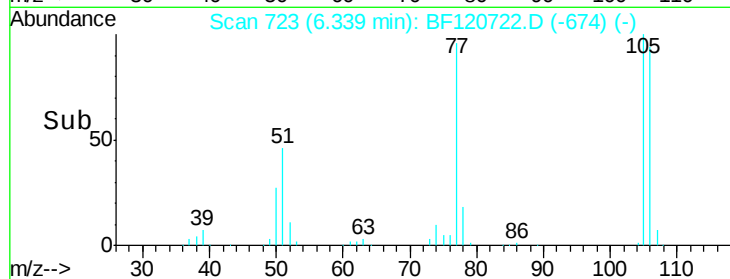
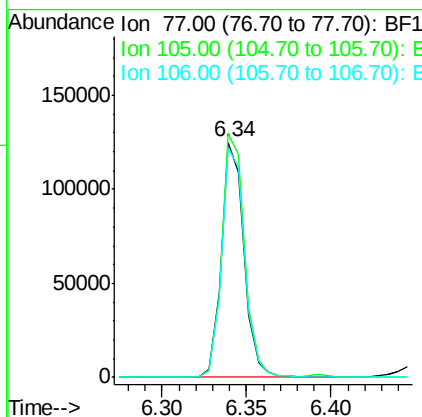
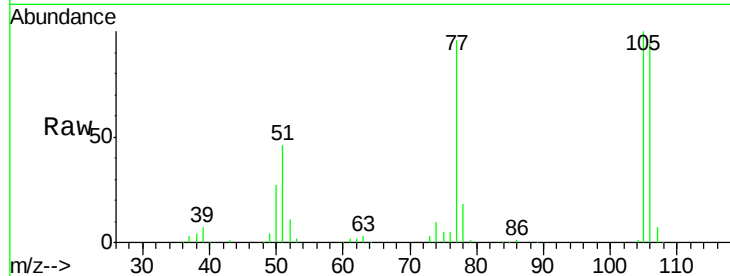
ClientSampleId :

CL-01-062420MS

Tot Ion:	77	Resp:	116261
Ion	Ratio	Lower	Upper
77	100		
105	103.7	83.8	123.8
106	97.8	79.3	119.3

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#10

Phenol

Concen: 37.831 ng

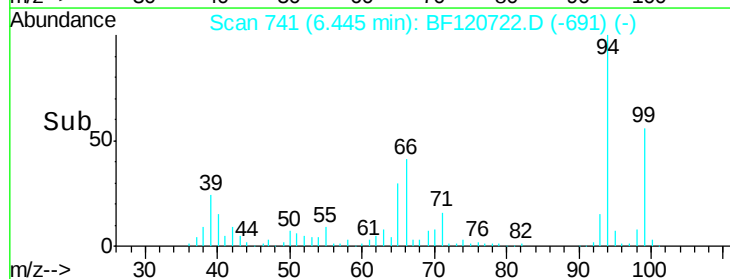
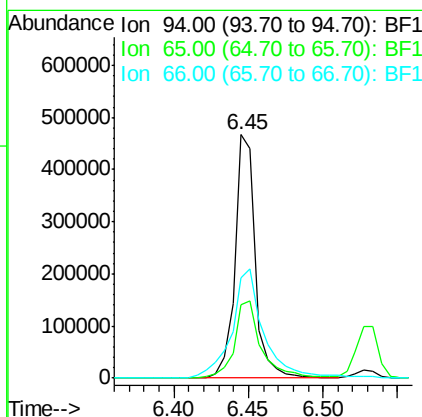
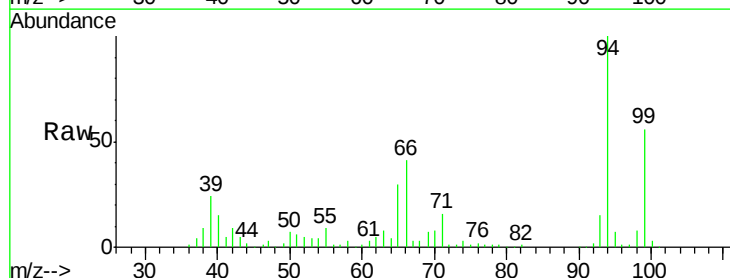
RT: 6.45 min Scan# 741

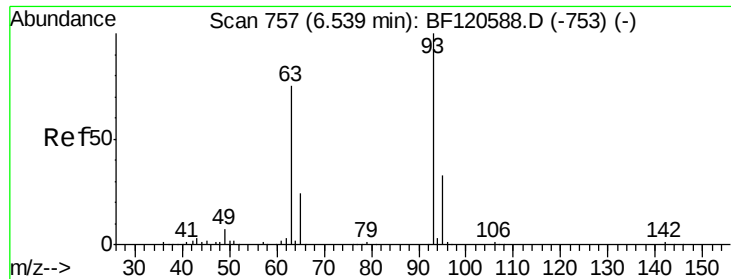
Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Tgt Ion:	94	Resp:	448824
Ion	Ratio	Lower	Upper
94	100		
65	30.0	9.9	49.9
66	41.3	20.1	60.1





#11

bis(2-Chloroethyl)ether

Concen: 45.455 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

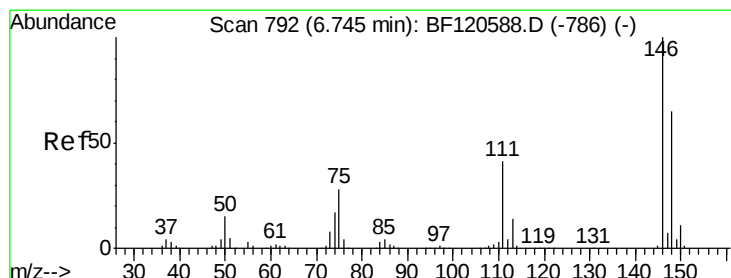
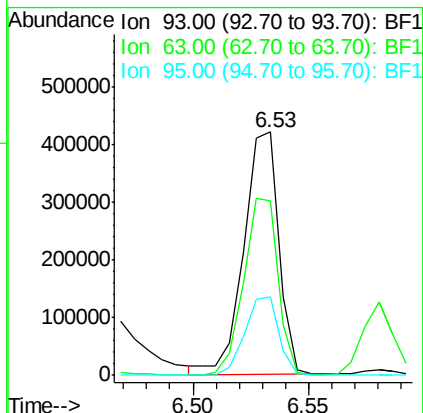
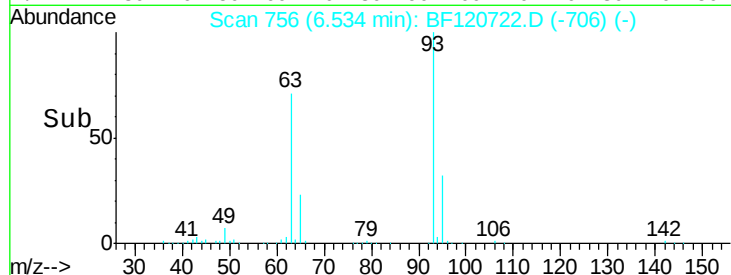
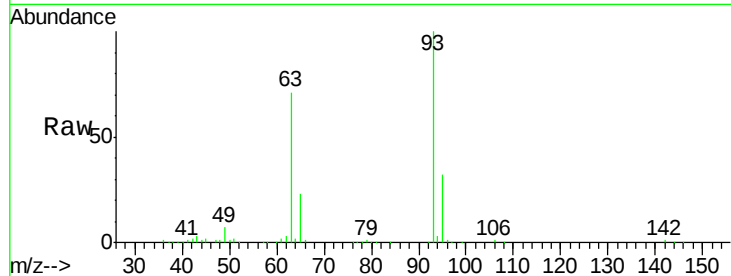
ClientSampleId :

CL-01-062420MS

Tot Ion:	93	Resp:	449186
Ion Ratio	Lower	Upper	
93	100		
63	71.5	54.4	94.4
95	32.2	12.9	52.9

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#12

1,3-Dichlorobenzene

Concen: 43.525 ng

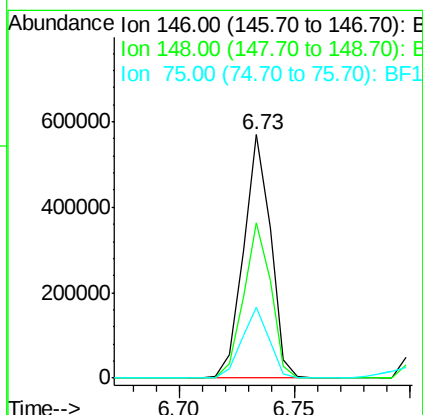
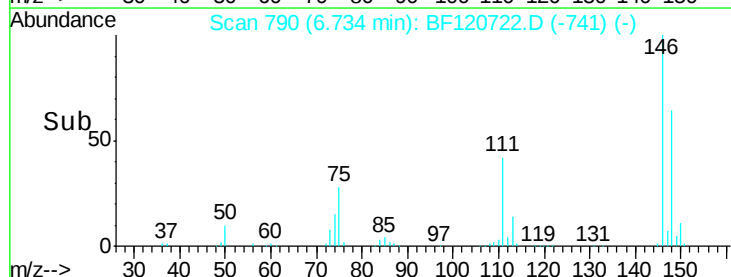
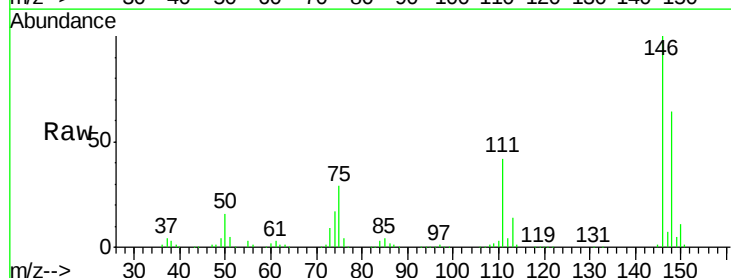
RT: 6.73 min Scan# 790

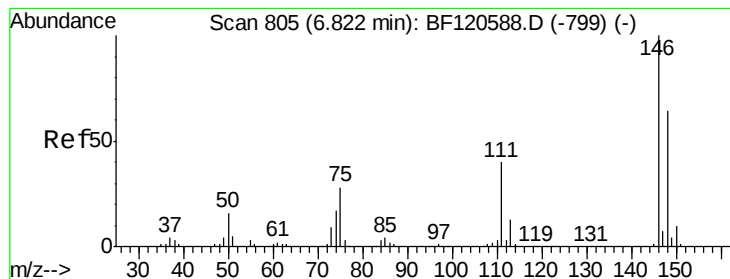
Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Tgt Ion:	146	Resp:	466819
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.8	77.6
75	29.2	22.2	33.4





#13

1,4-Dichlorobenzene

Concen: 44.807 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

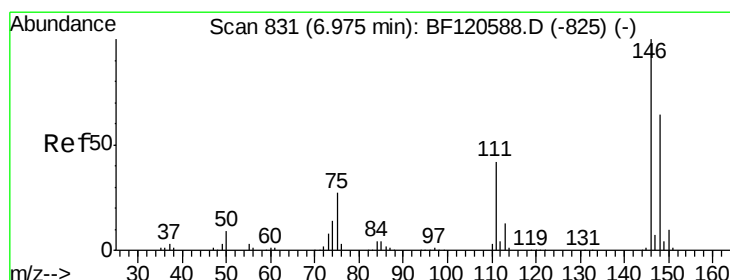
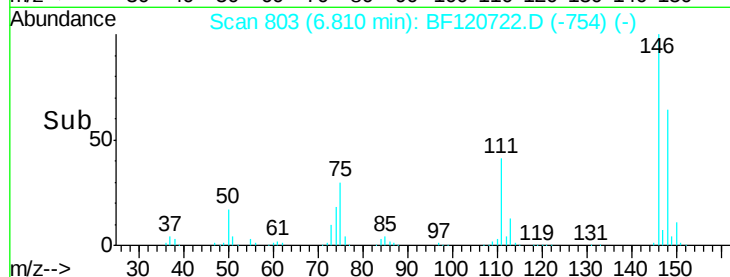
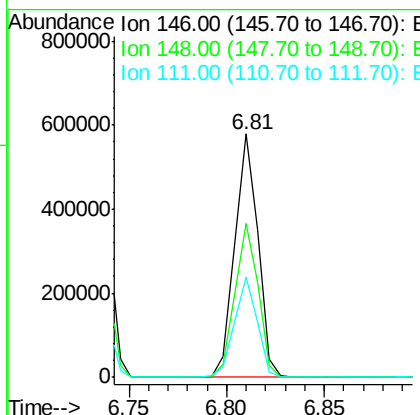
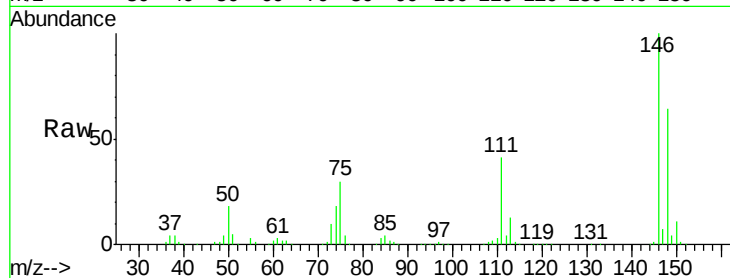
ClientSampleId :

CL-01-062420MS

Tot Ion:	146	Resp:	474153
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.5	77.3
111	41.3	32.2	48.4

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#14

1,2-Dichlorobenzene

Concen: 42.435 ng

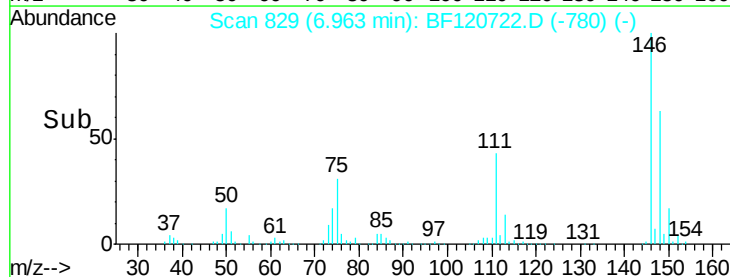
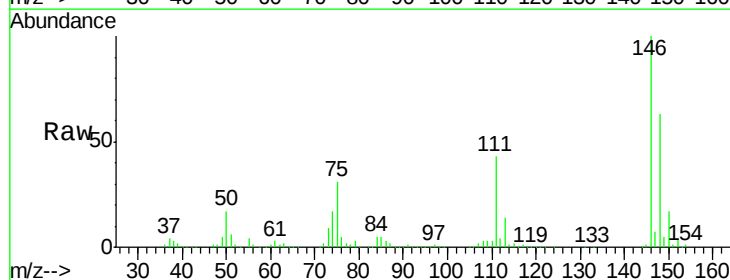
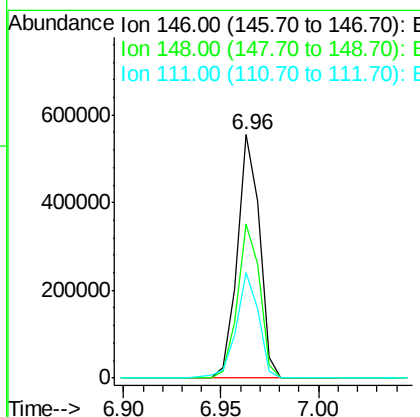
RT: 6.96 min Scan# 829

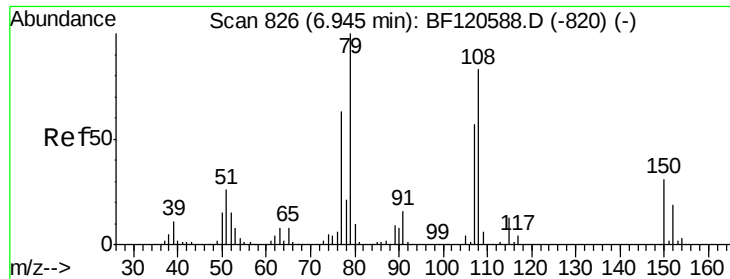
Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Tgt Ion:	146	Resp:	437428
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.8	76.2
111	43.4	33.6	50.4





#15

Benzyl Alcohol

Concen: 43.924 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

Tot Ion: 79 Resp: 346368

Ion Ratio Lower Upper

79 100

108 81.7 66.8 100.2

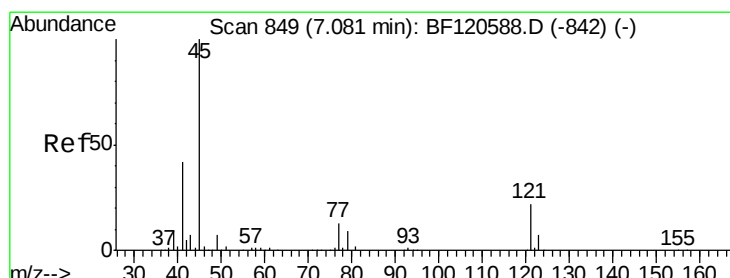
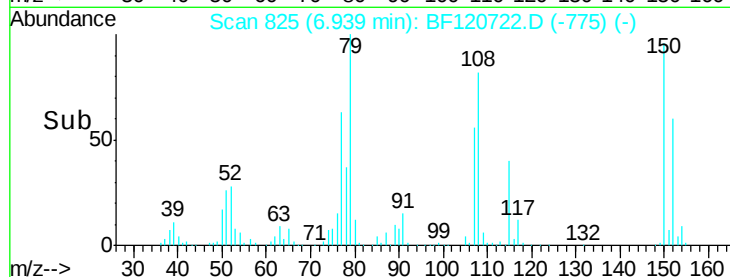
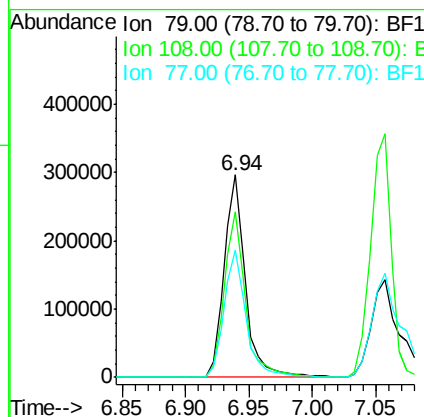
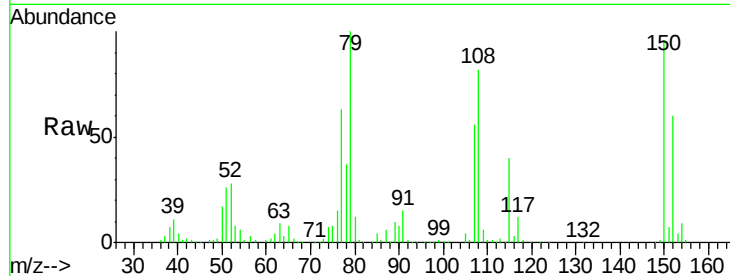
77 63.2 50.6 76.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.518 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

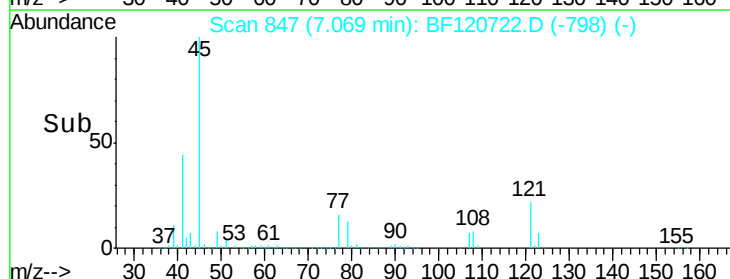
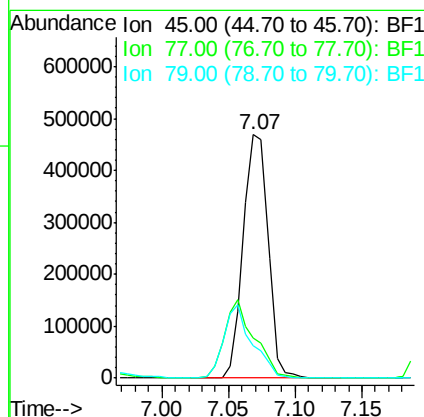
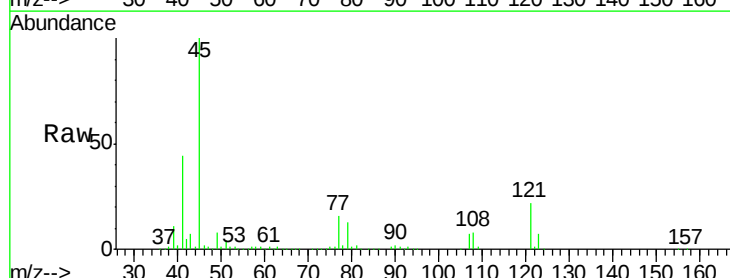
Tgt Ion: 45 Resp: 604965

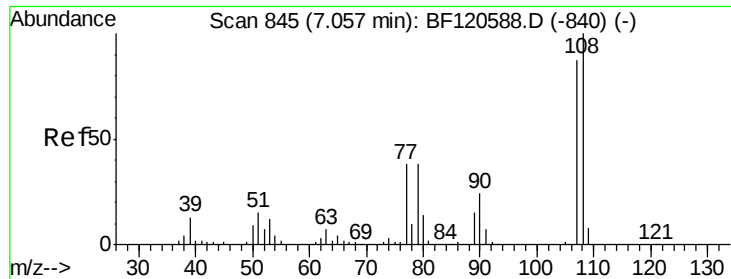
Ion Ratio Lower Upper

45 100

77 16.2 0.0 34.2

79 13.4 0.0 30.9





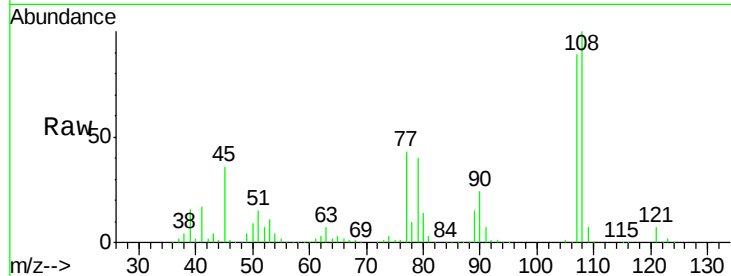
#17
2-Methylphenol
Concen: 41.449 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

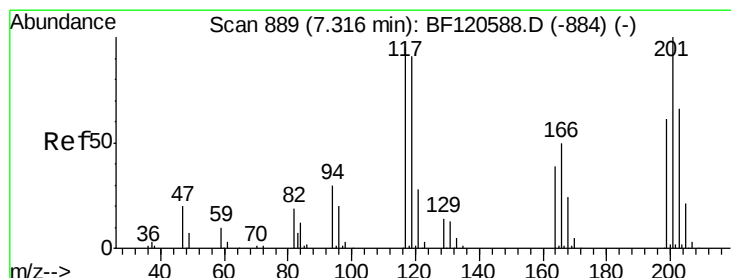
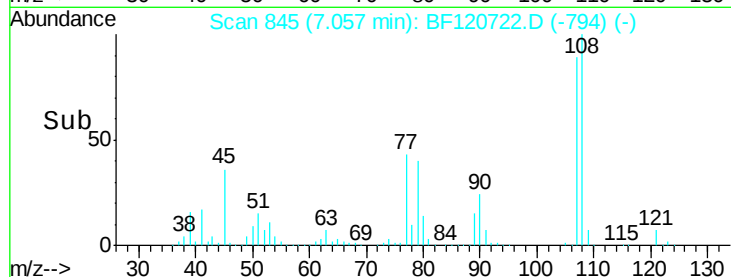
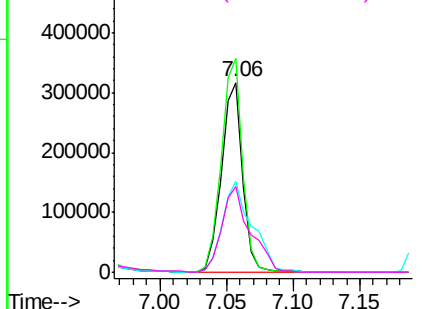
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	91.9	137.9	
77	47.8	35.4	53.2	
79	44.8	34.8	52.2	

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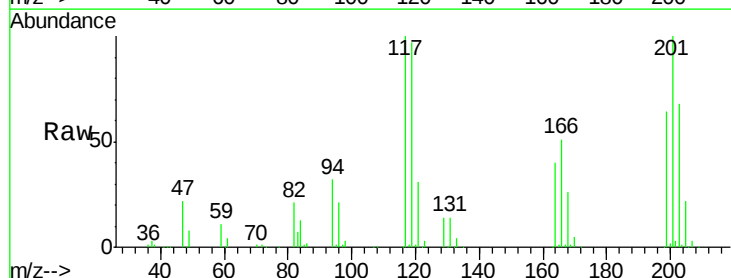


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

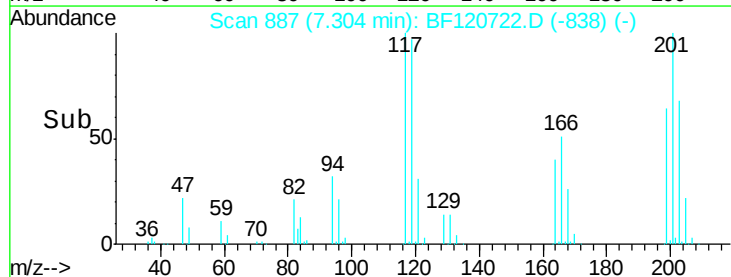
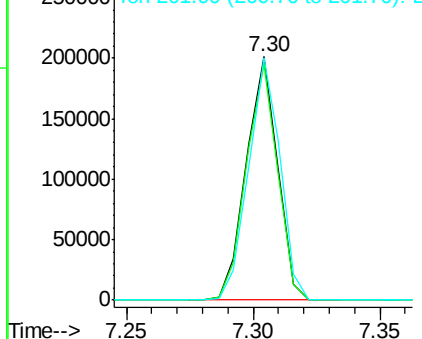


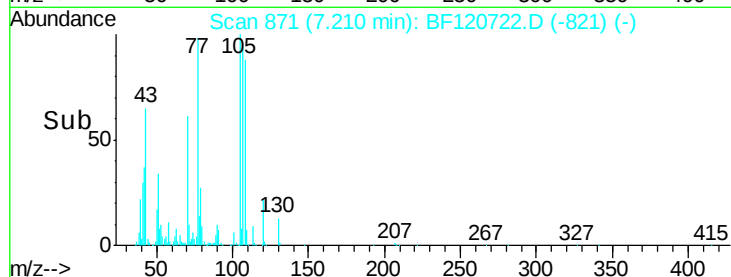
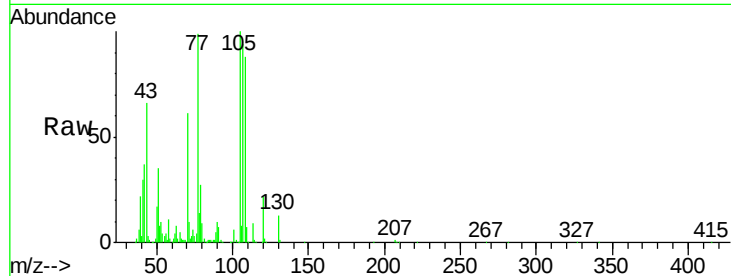
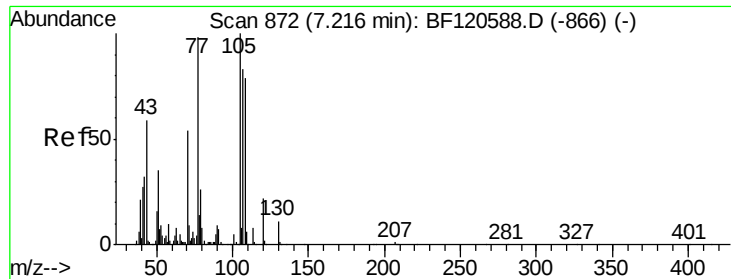
#18
Hexachloroethane
Concen: 44.321 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	76.9	115.3	
201	99.5	84.6	127.0	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





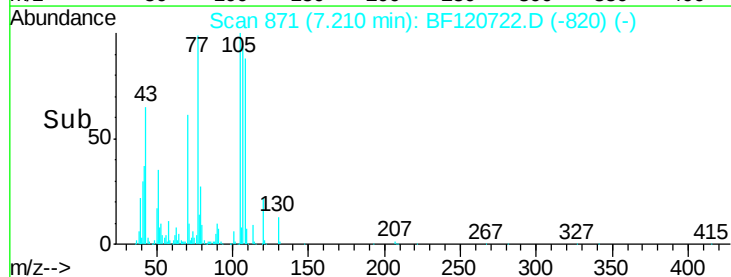
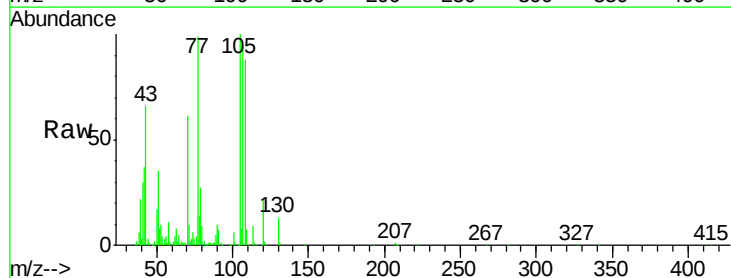
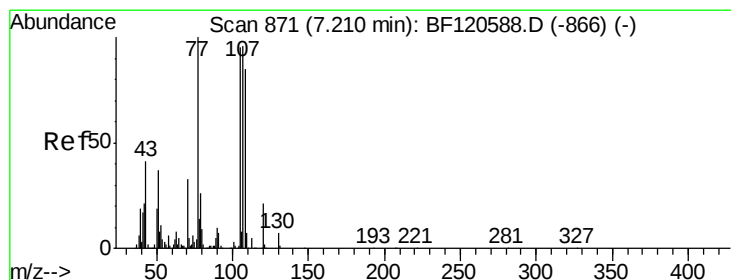
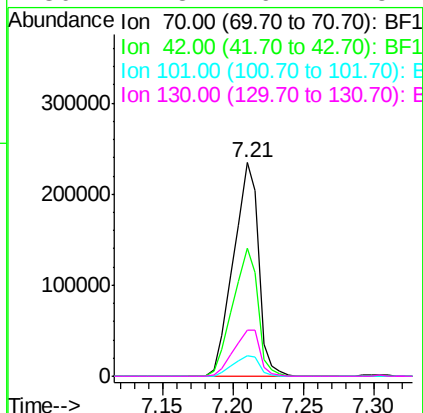
#19
n-Nitroso-di-n-propylamine
Concen: 45.043 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

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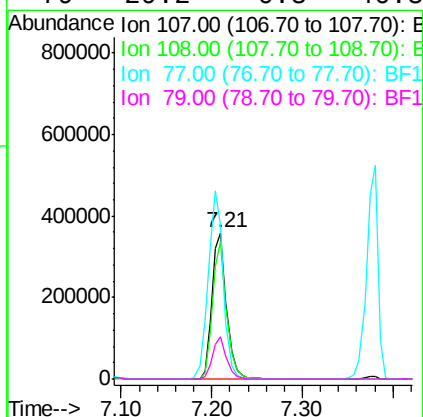
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Tot Ion	Ratio	Lower	Upper
70	100		
42	59.9	47.7	71.5
101	9.5	7.6	11.4
130	21.8	16.7	25.1



#20
3+4-Methylphenols
Concen: 37.559 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.6	68.7	108.7
77	104.9	84.2	124.2
79	29.2	6.8	46.8





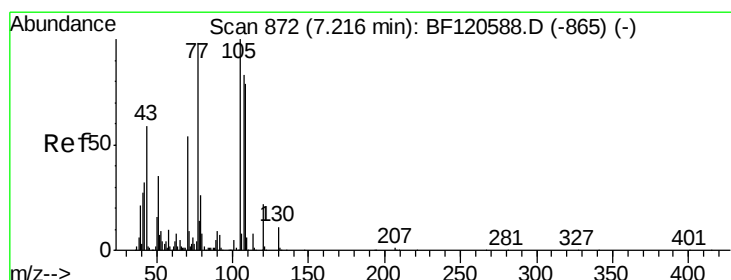
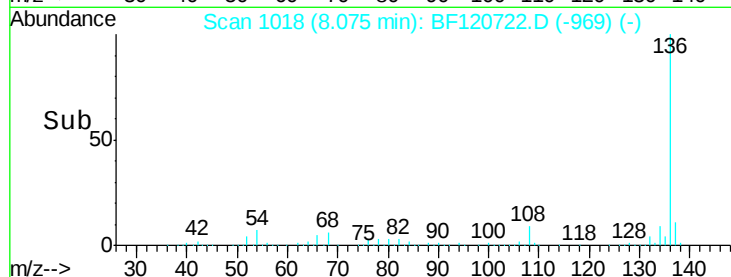
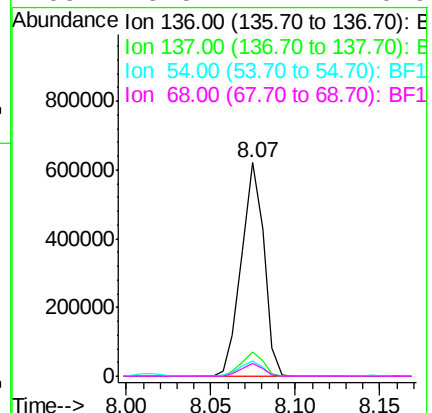
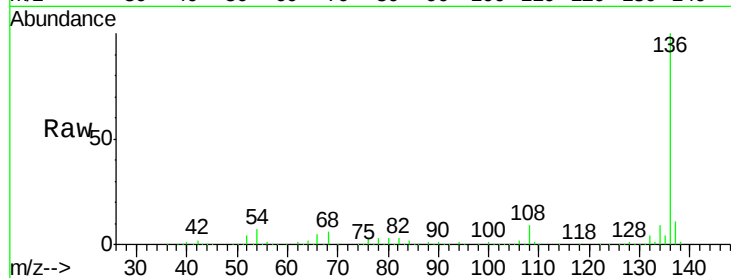
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	578827		
137	11.2		8.6	13.0
54	7.1		5.8	8.6
68	5.8		4.4	6.6

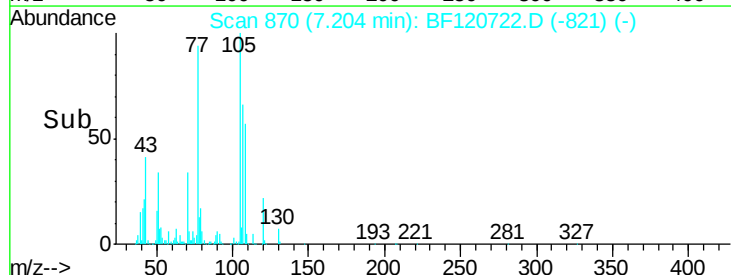
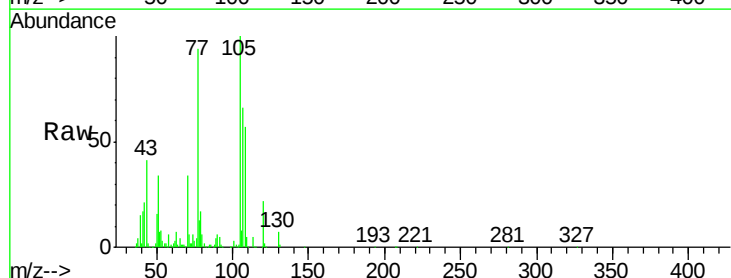
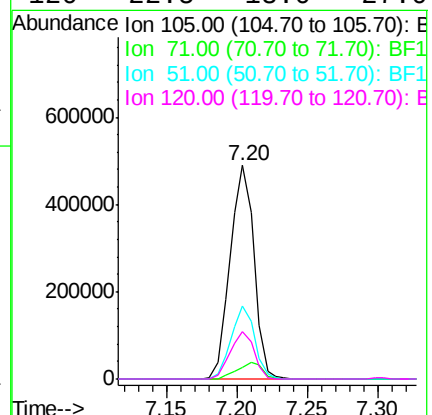
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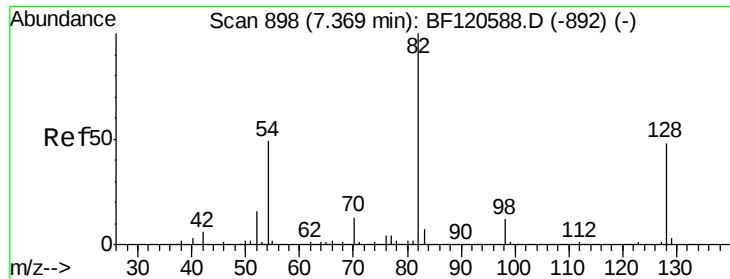
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#22
Acetophenone
Concen: 44.438 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	575054		
71	5.6		7.2	10.8#
51	34.2		27.8	41.8
120	22.5		18.0	27.0





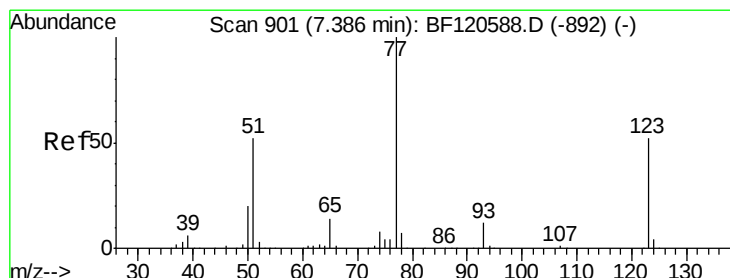
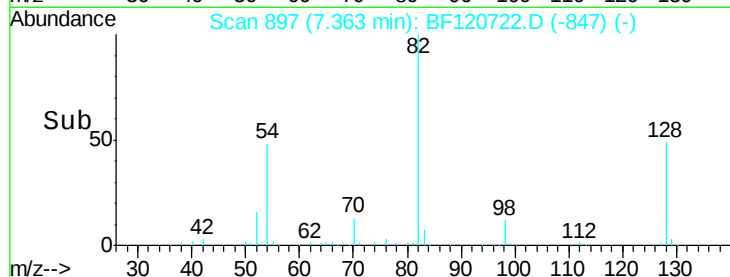
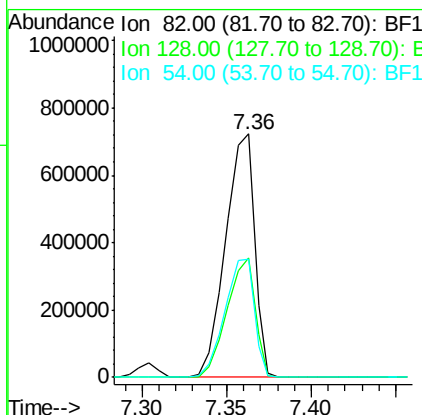
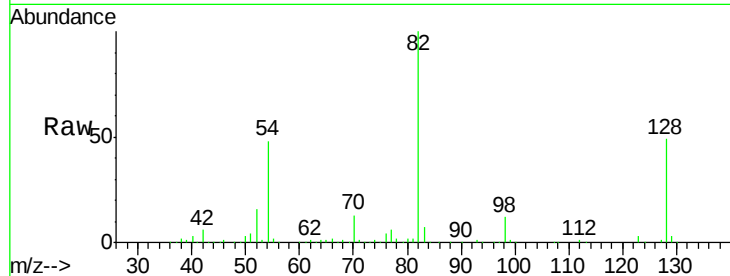
#23
 Nitrobenzene-d5
 Concen: 83.399 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Tot Ion:	82	Resp:	863621
Ion Ratio	Lower	Upper	
82	100		
128	49.2	38.0	57.0
54	48.4	38.8	58.2

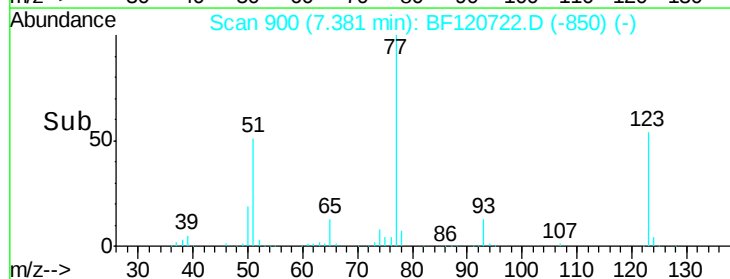
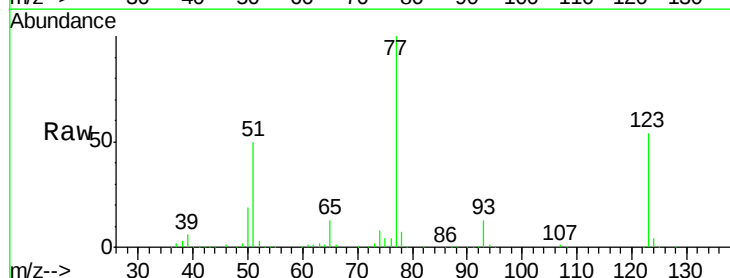
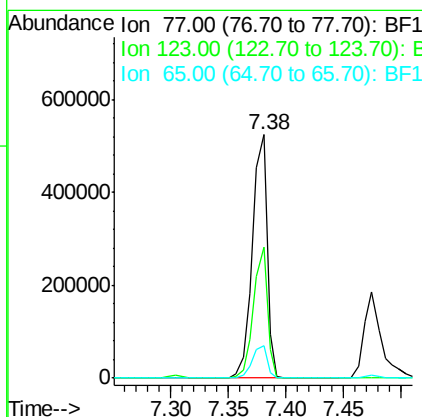
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#24
 Nitrobenzene
 Concen: 43.062 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Tgt Ion:	77	Resp:	466643
Ion Ratio	Lower	Upper	
77	100		
123	53.8	41.4	62.0
65	13.2	11.0	16.4





#25

Isophorone

Concen: 42.420 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

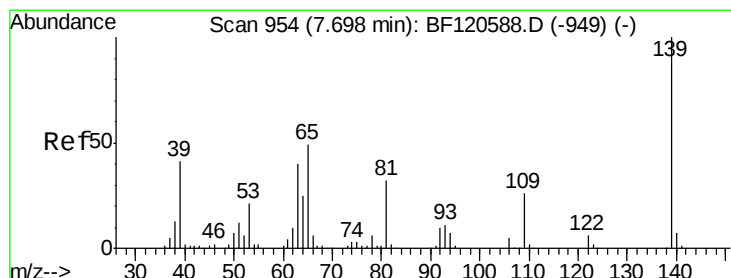
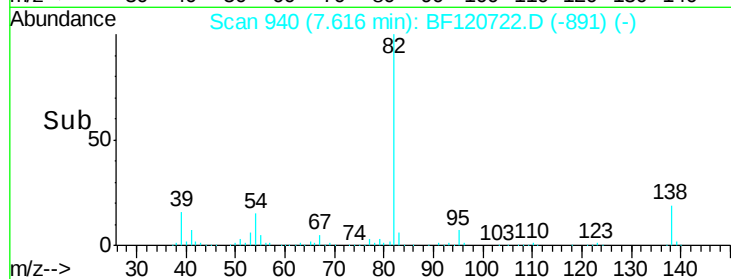
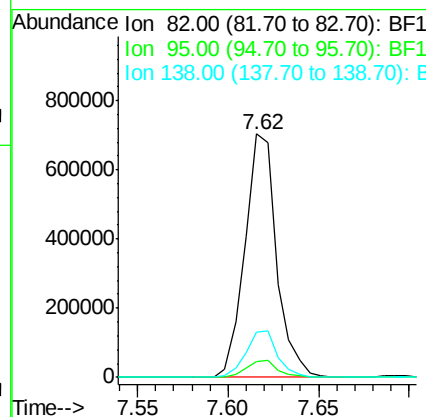
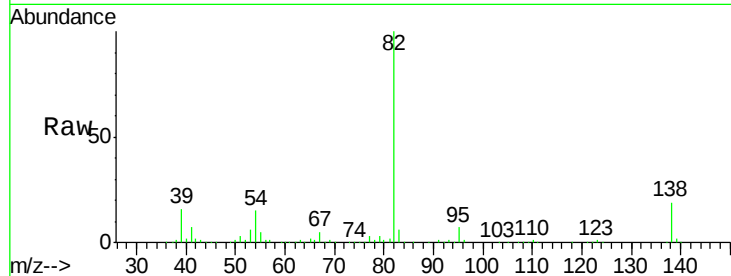
ClientSampleId :

CL-01-062420MS

Tot Ion:	82	Resp:	855673
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.7	8.5
138	18.6	16.2	24.4

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#26

2-Nitrophenol

Concen: 44.593 ng

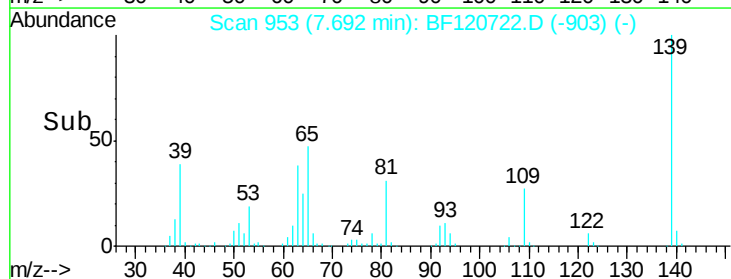
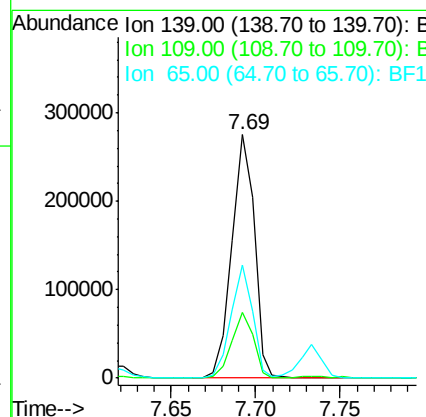
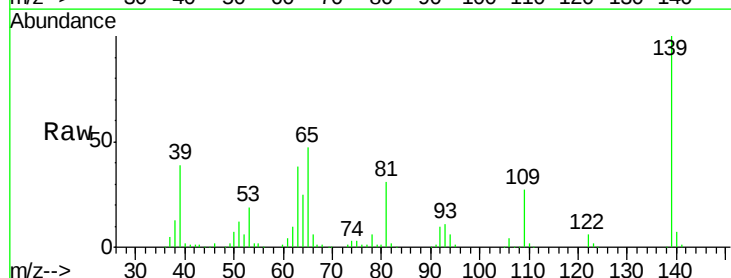
RT: 7.69 min Scan# 953

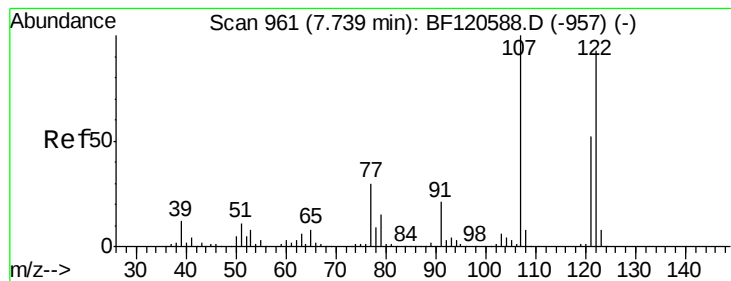
Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Tgt Ion:	139	Resp:	255648
Ion Ratio	Lower	Upper	
139	100		
109	26.8	21.1	31.7
65	46.6	39.4	59.0





#27

2,4-Dimethylphenol

Concen: 44.929 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

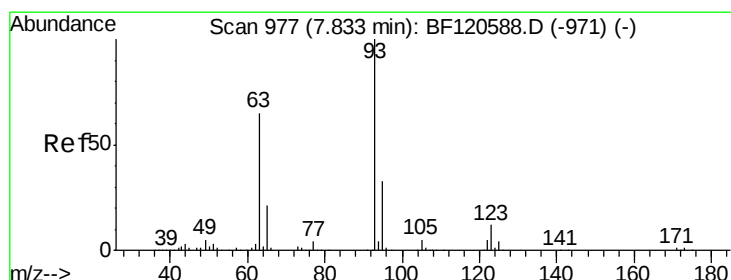
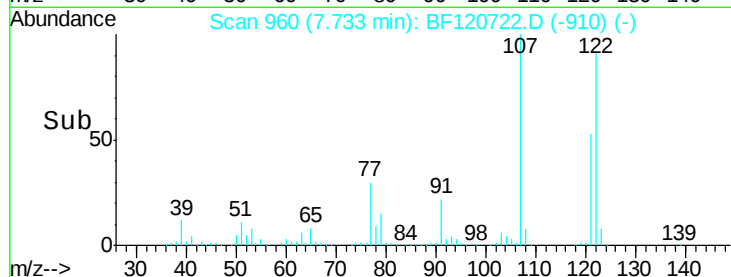
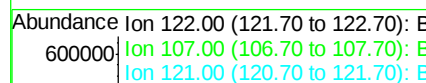
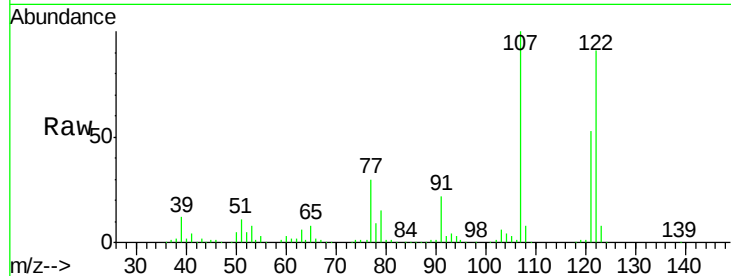
ClientSampleId :

CL-01-062420MS

Tot Ion:	122	Resp:	379249
Ion Ratio	Lower	Upper	
122	100		
107	110.4	86.4	129.6
121	58.4	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 46.540 ng

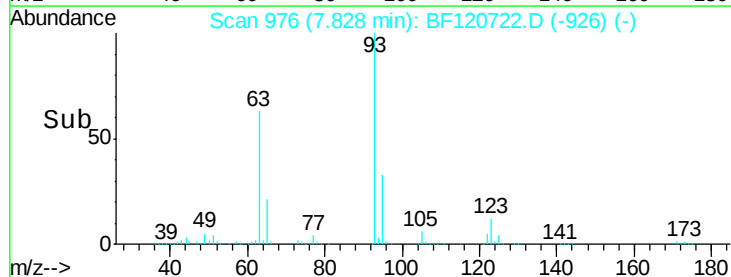
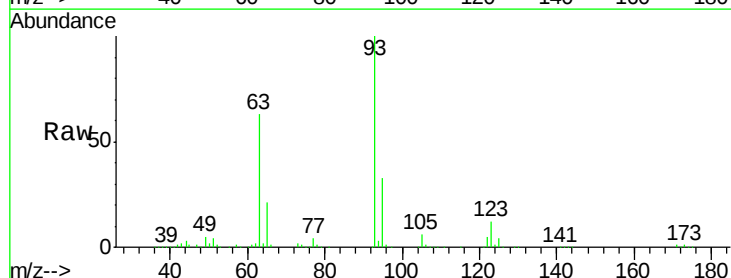
RT: 7.83 min Scan# 976

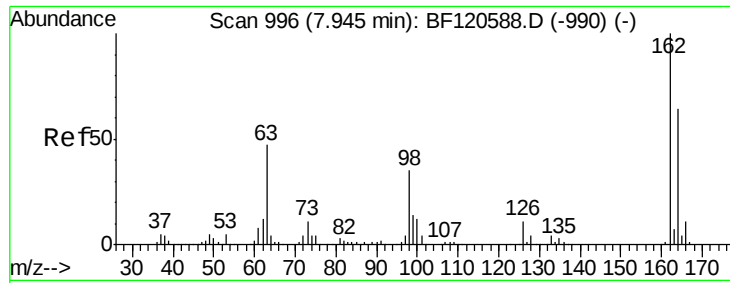
Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Tgt Ion:	93	Resp:	544186
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.2	39.4
123	12.2	9.5	14.3





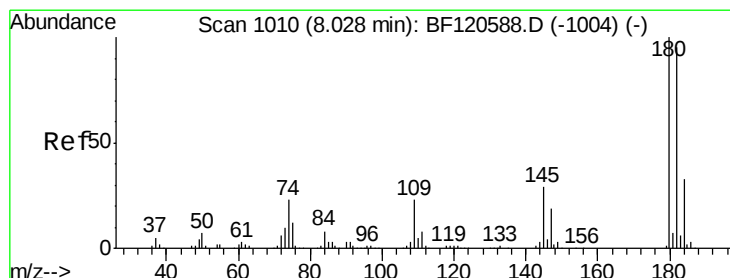
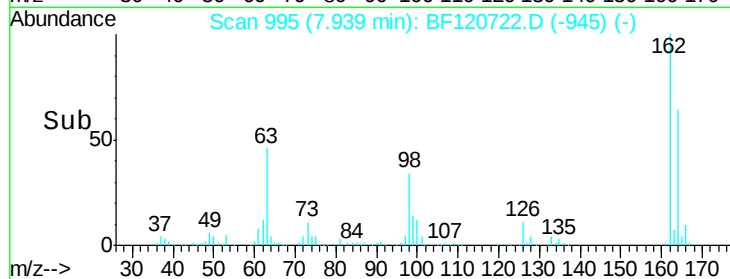
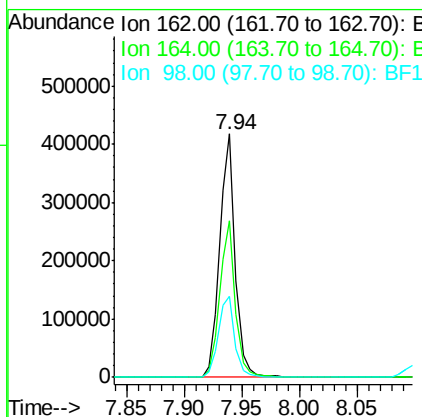
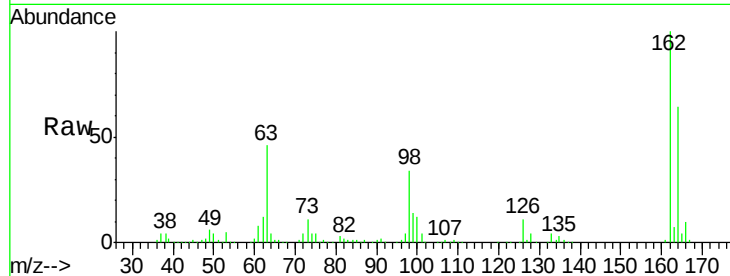
#29
 2,4-Dichlorophenol
 Concen: 45.449 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	389969		
164	64.5		44.1	84.1
98	33.5		14.7	54.7

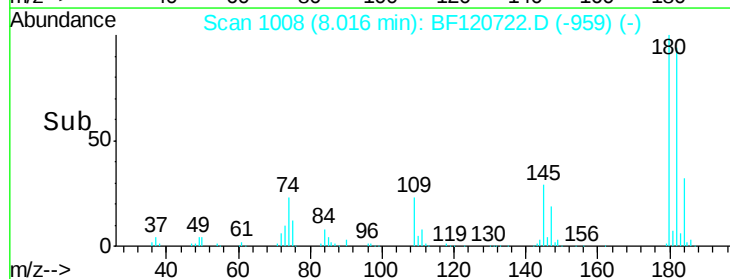
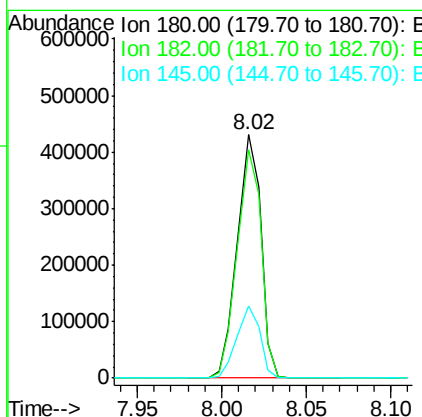
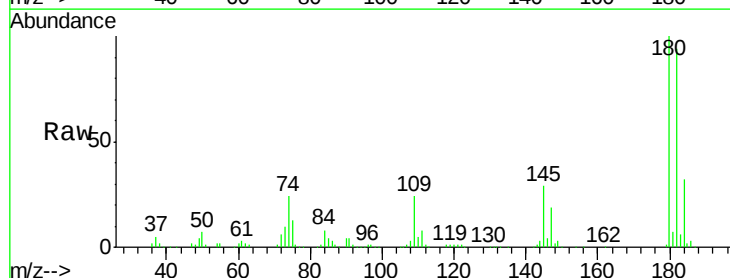
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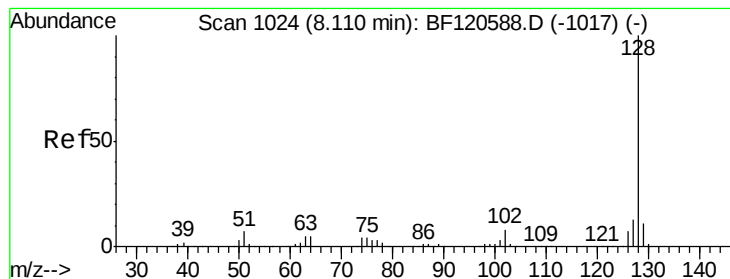
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.401 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	422197		
182	93.8		75.8	113.6
145	29.4		23.0	34.6





#31

Naphthalene

Concen: 46.638 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

Tot Ion:128 Resp: 1325554

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

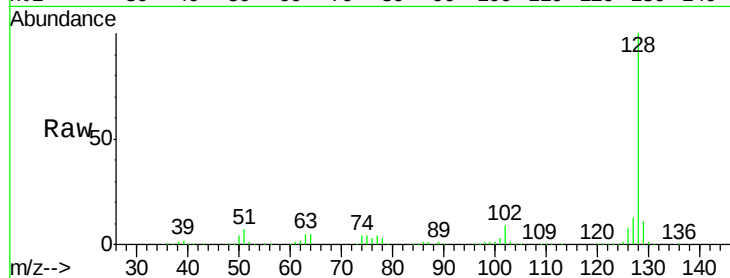
127 13.3 10.6 15.8

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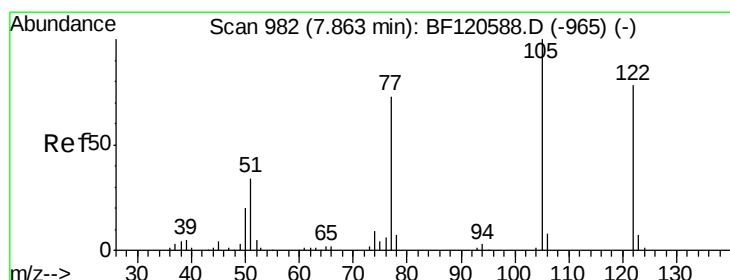
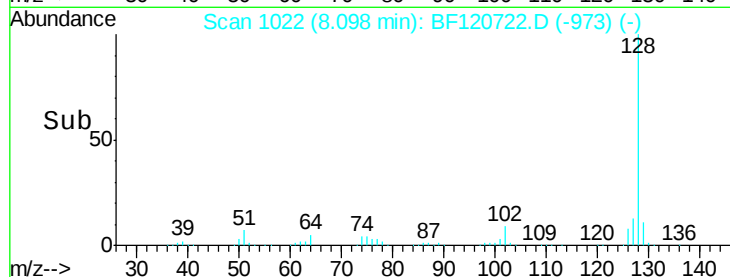
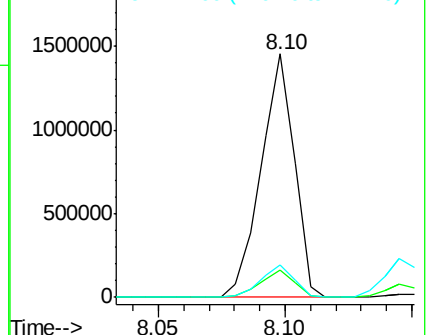
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.677 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

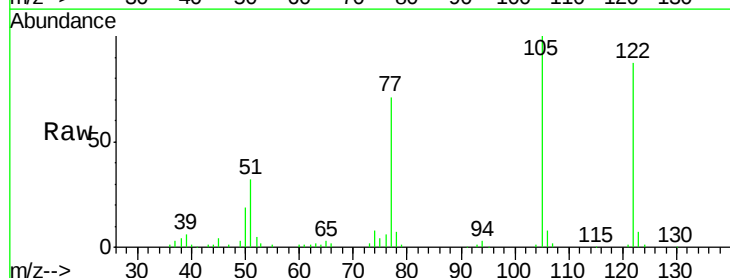
Tgt Ion:122 Resp: 231059

Ion Ratio Lower Upper

122 100

105 114.6 101.0 141.0

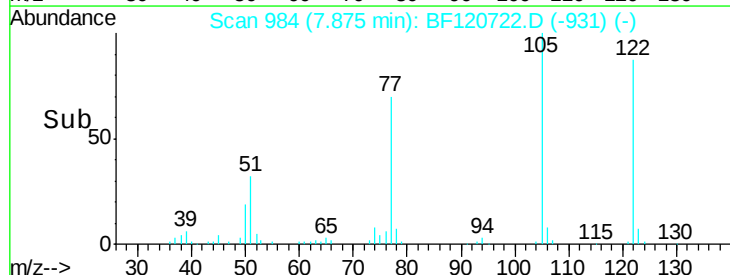
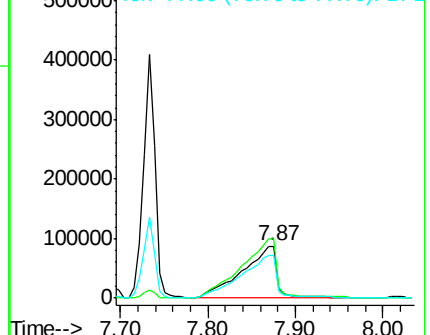
77 80.9 69.8 109.8

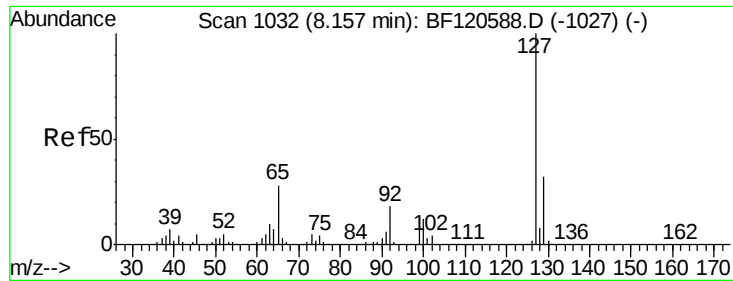


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





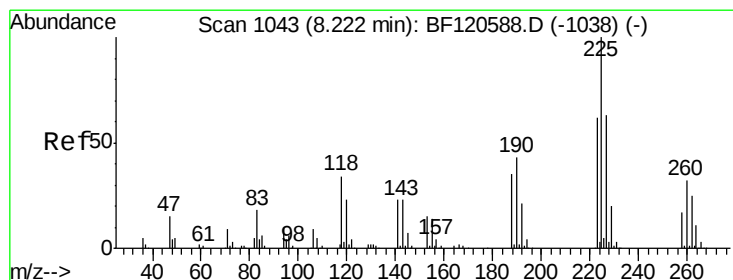
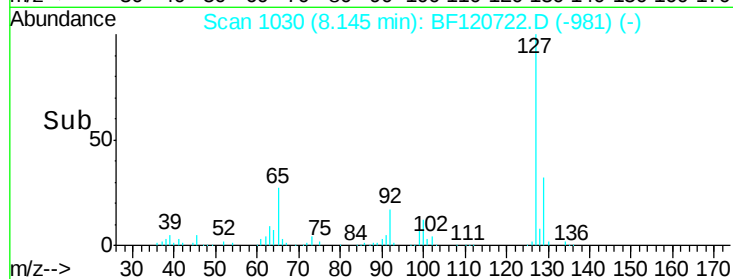
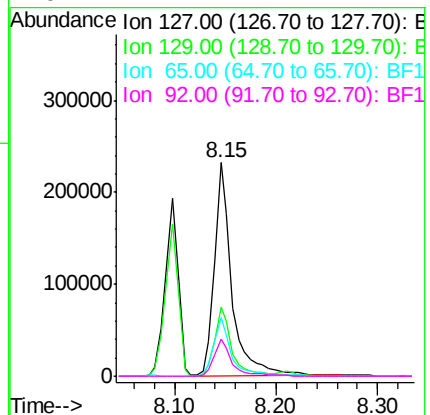
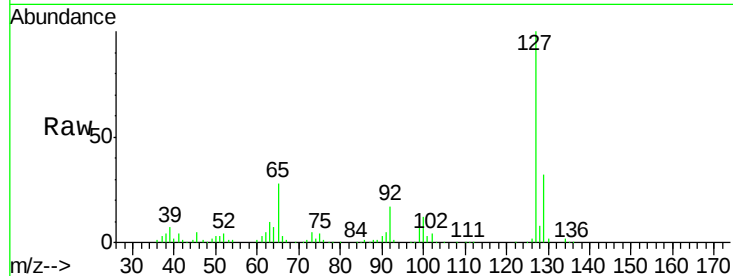
#33
4-Chloroaniline
Concen: 21.528 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	25.9	38.9		
65	27.6	22.2	33.4		
92	17.4	14.2	21.2		

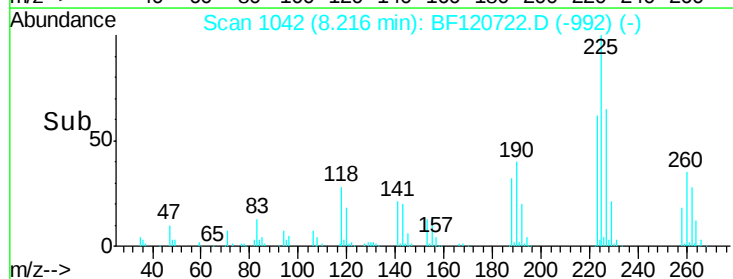
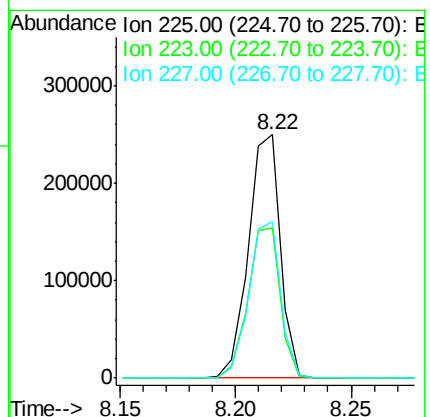
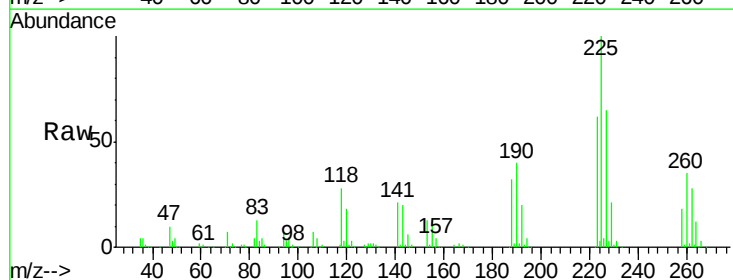
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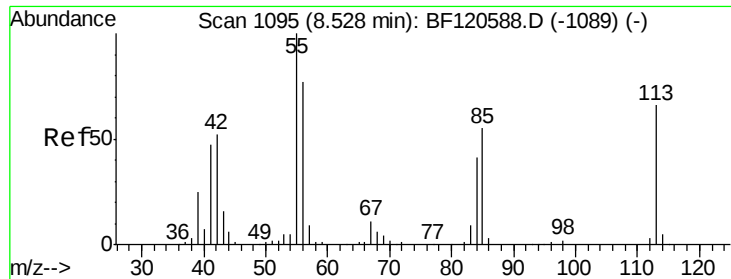
mohammad
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#34
Hexachlorobutadiene
Concen: 43.544 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.7	49.9	74.9		
227	64.5	50.5	75.7		





#35

Caprolactam

Concen: 36.011 ng/ml

RT: 8.53 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

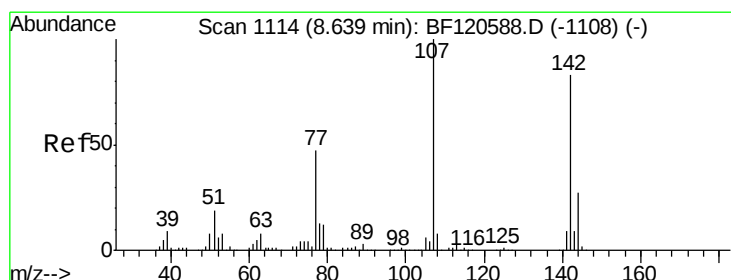
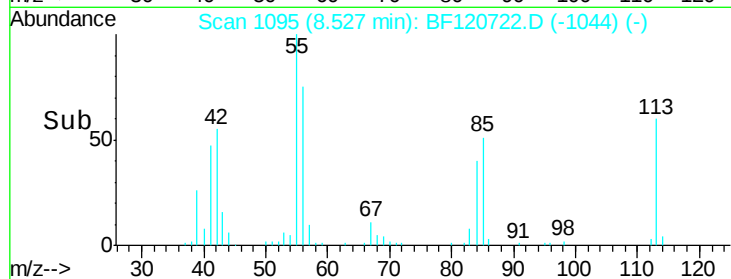
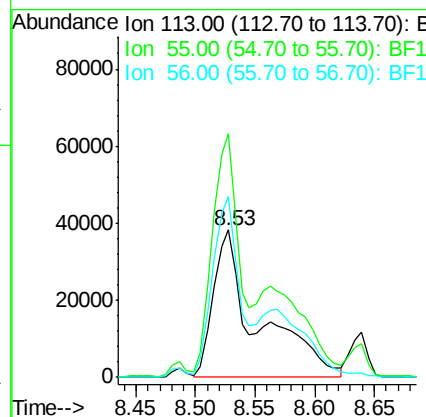
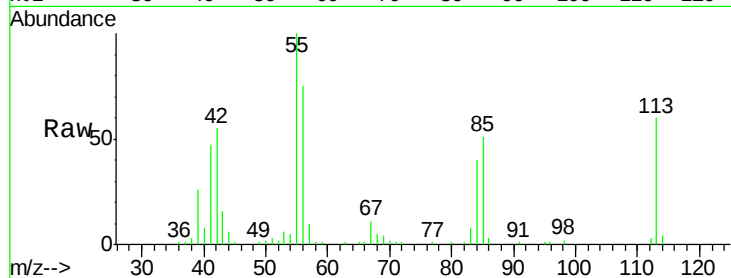
ClientSampleId :

CL-01-062420MS

Tot Ion:	113	Resp:	98823
Ion	Ratio	Lower	Upper
113	100		
55	165.4	133.1	173.1
56	123.3	98.4	138.4

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 46.510 ng/ml

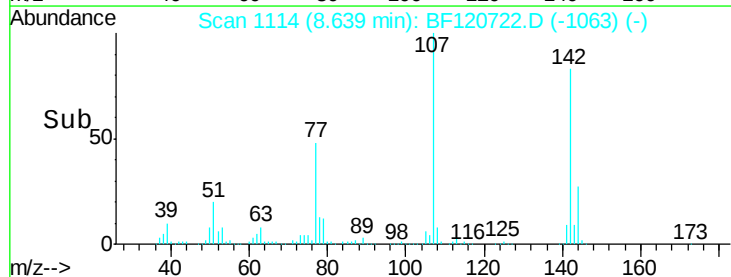
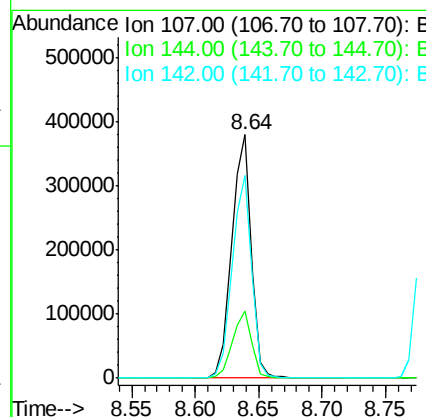
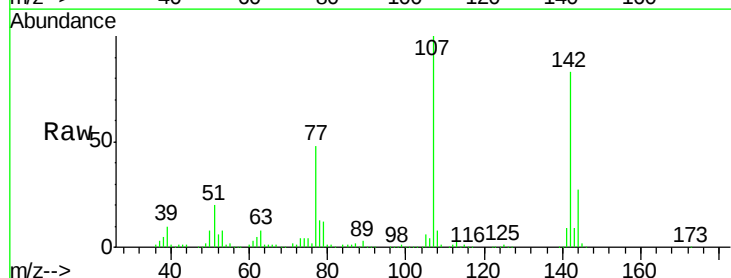
RT: 8.64 min Scan# 1114

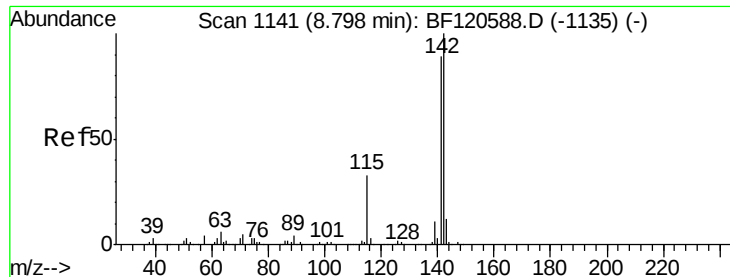
Delta R.T. 0.00 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Tgt Ion:	107	Resp:	398697
Ion	Ratio	Lower	Upper
107	100		
144	27.4	21.4	32.2
142	83.4	66.3	99.5





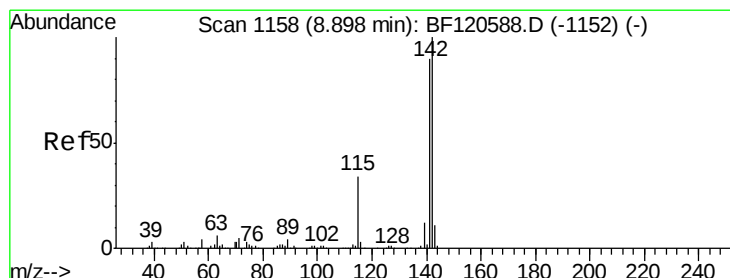
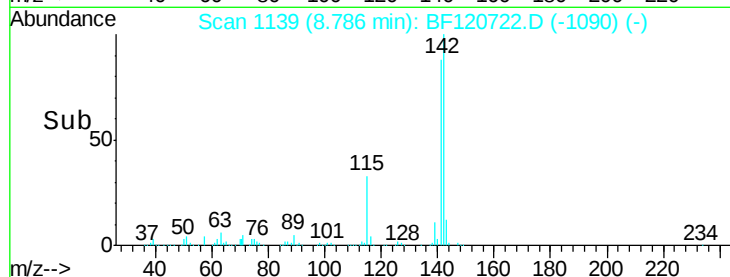
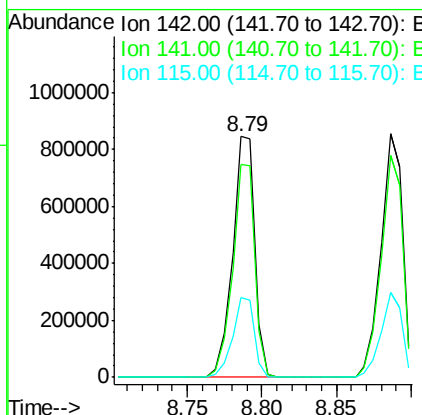
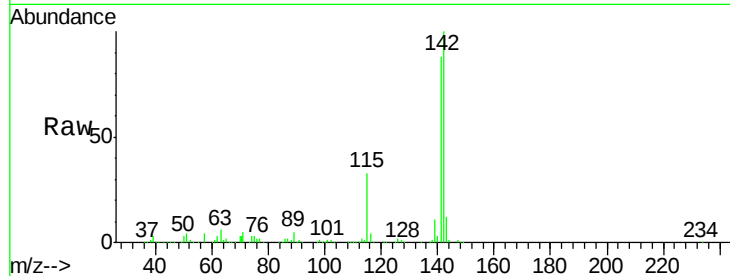
#37
2-Methylnaphthalene
Concen: 47.640 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.4	107.0
115	33.2	26.1	39.1

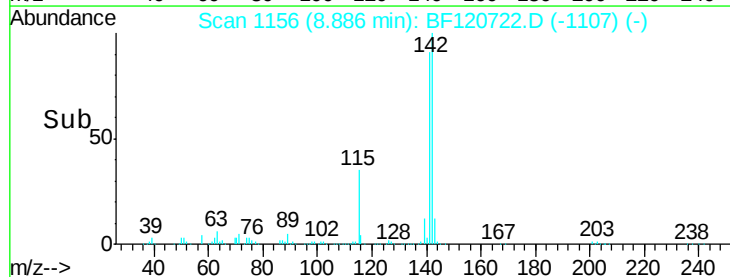
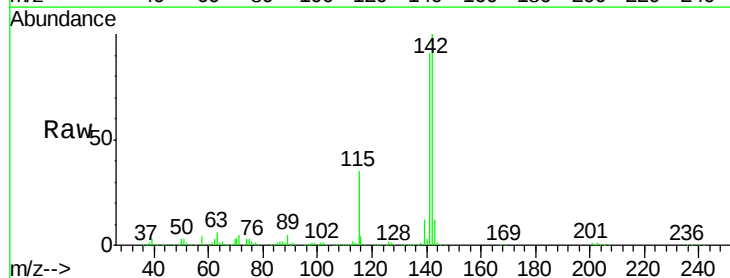
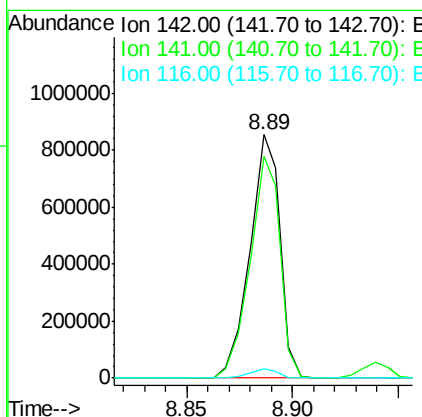
Manual Integrations
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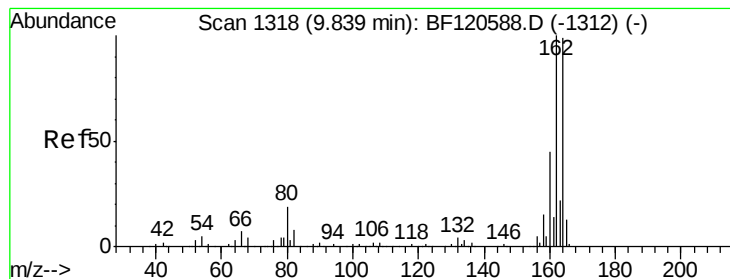
mohammad
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#38
1-Methylnaphthalene
Concen: 48.353 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.1	108.1
116	3.7	2.7	4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

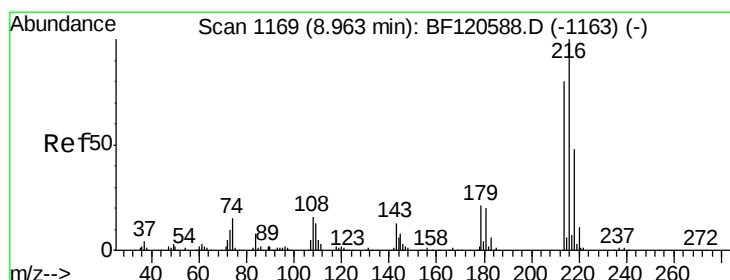
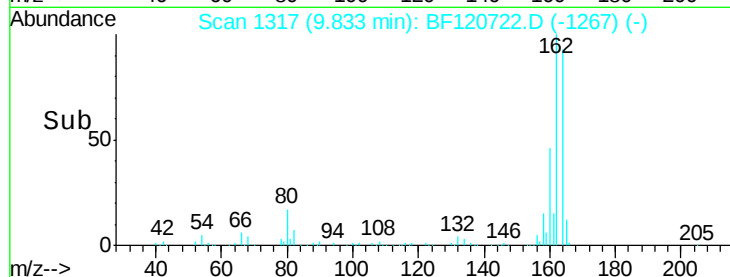
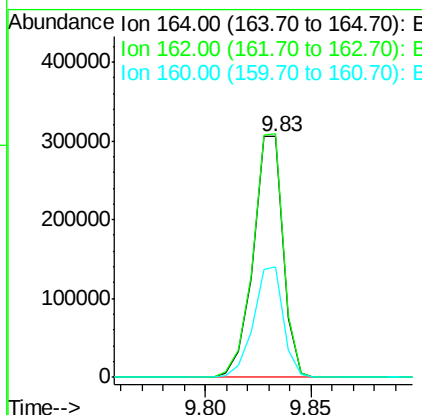
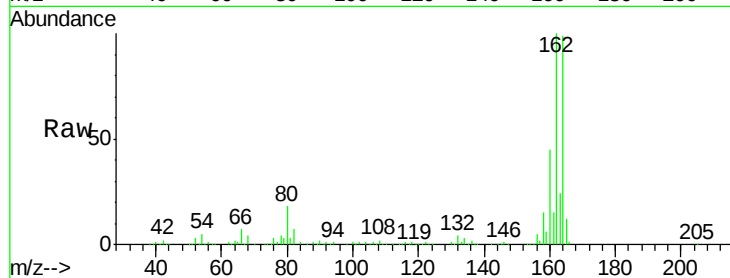
ClientSampleId :

CL-01-062420MS

Tot Ion:	164	Resp:	302246
Ion Ratio	Lower	Upper	
164	100		
162	101.1	80.6	120.8
160	45.8	36.2	54.2

Manual Integrations
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.708 ng

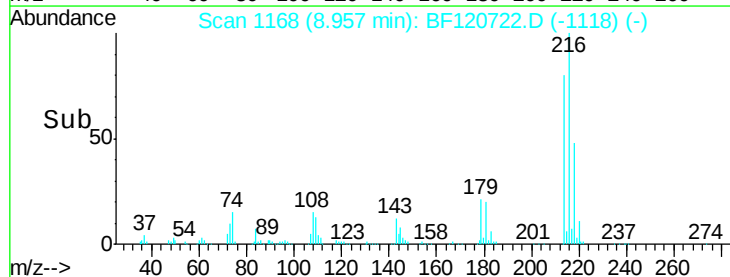
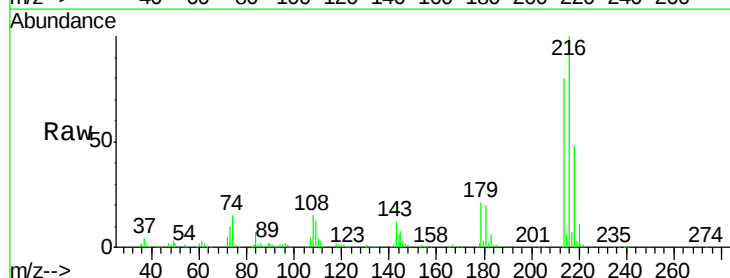
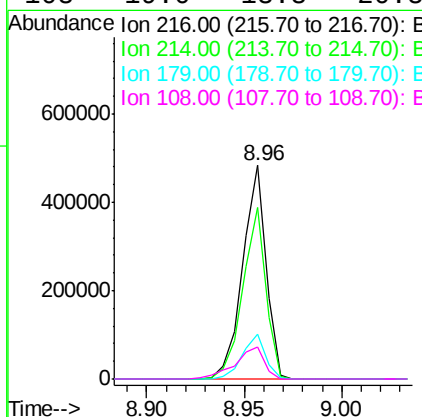
RT: 8.96 min Scan# 1168

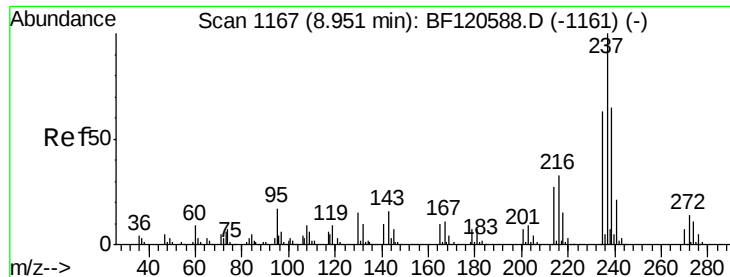
Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Tgt Ion:	216	Resp:	403480
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.8	95.6
179	20.7	16.4	24.6
108	19.0	13.8	20.8





#41

Hexachlorocyclopentadiene

Concen: 83.133 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

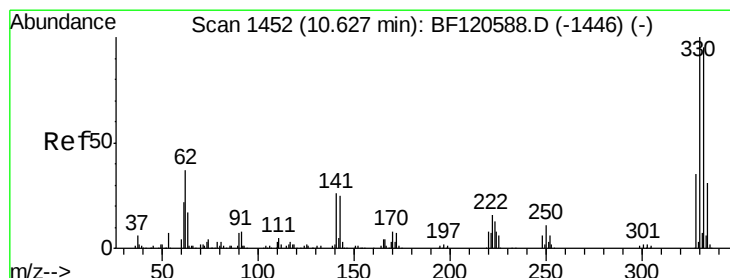
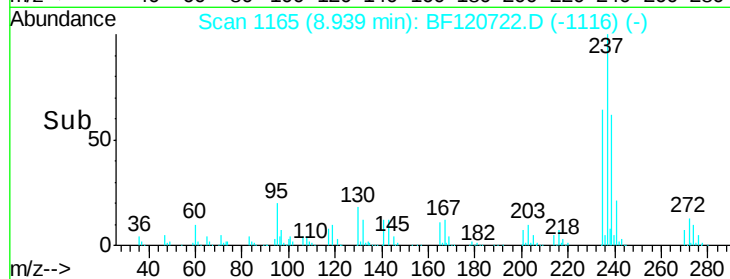
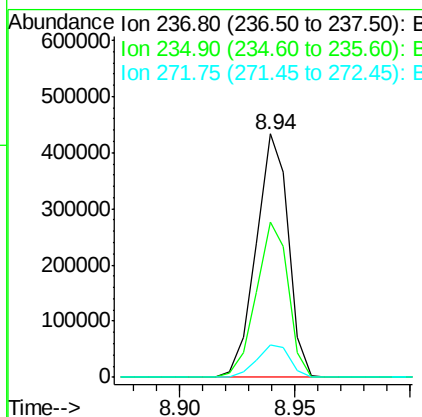
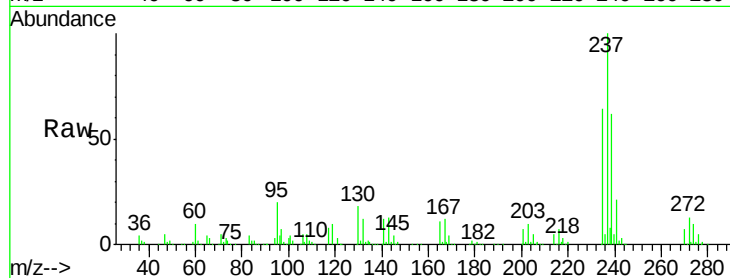
ClientSampleId :

CL-01-062420MS

Tot Ion:	237	Resp:	420426
Ion Ratio	Lower	Upper	
237	100		
235	64.0	43.2	83.2
272	13.2	0.0	33.9

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#42

2,4,6-Tribromophenol

Concen: 122.028 ng

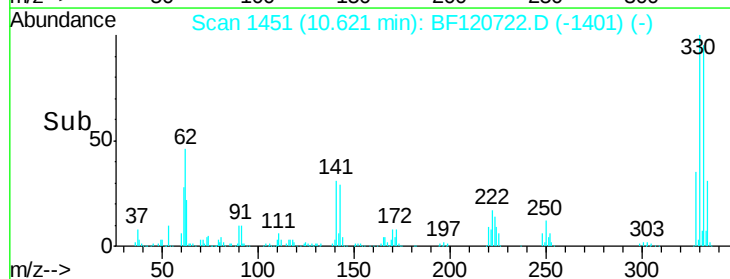
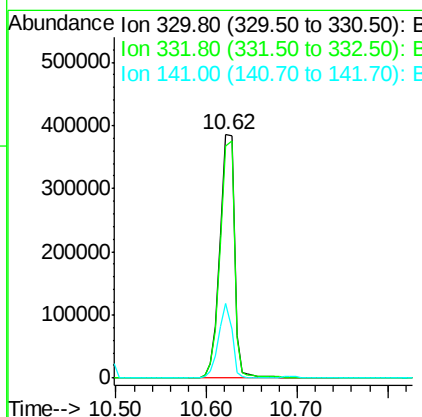
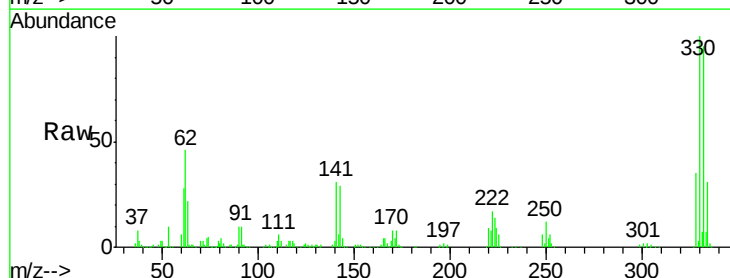
RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Tgt Ion:	330	Resp:	428809
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.8	115.2
141	28.2	23.2	34.8





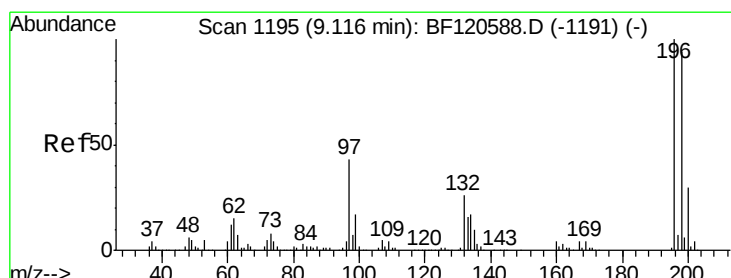
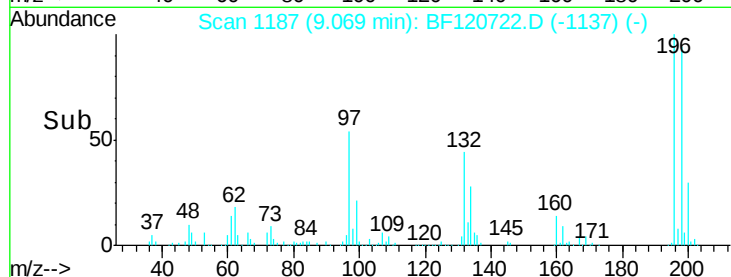
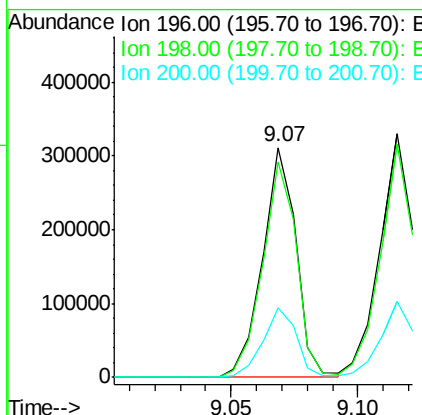
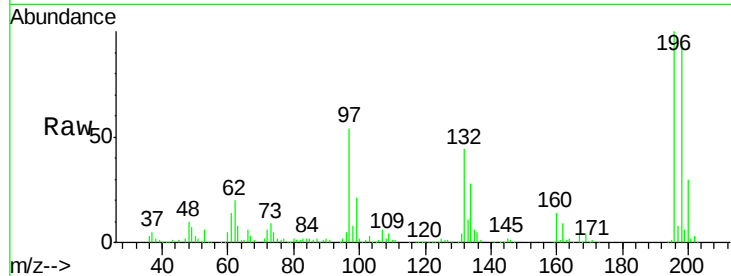
#43
 2,4,6-Trichlorophenol
 Concen: 45.128 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	288901		
198	94.0	76.2	114.2	
200	30.4	24.6	37.0	

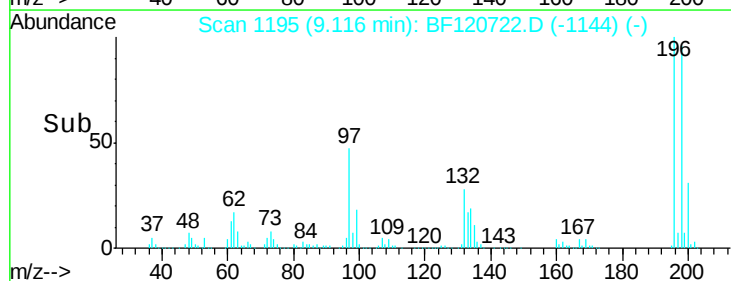
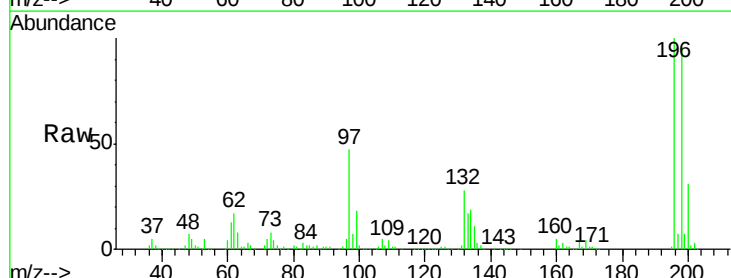
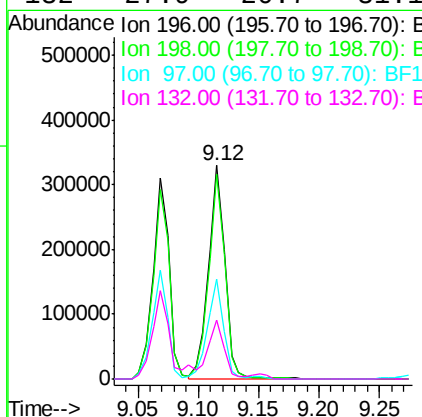
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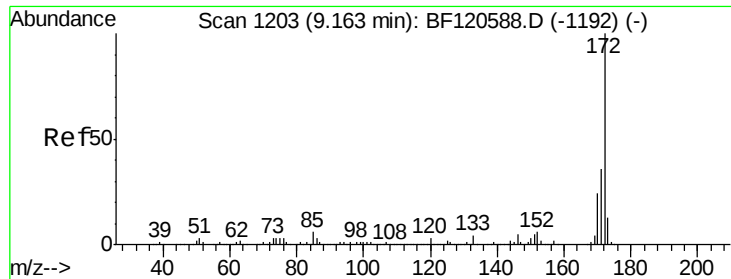
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 42.622 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	309563		
198	96.0	75.5	113.3	
97	46.8	34.4	51.6	
132	27.9	20.7	31.1	





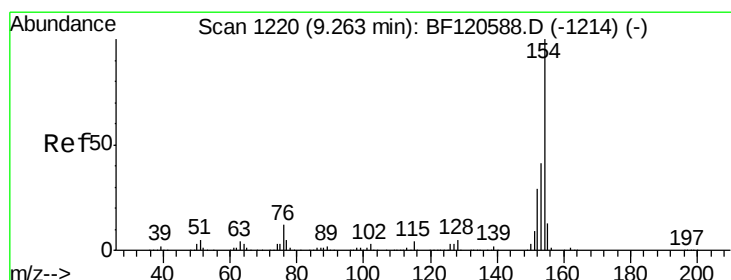
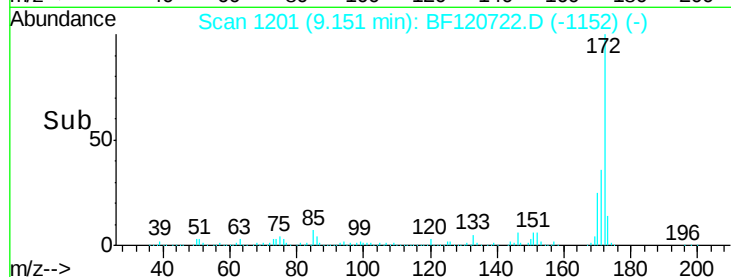
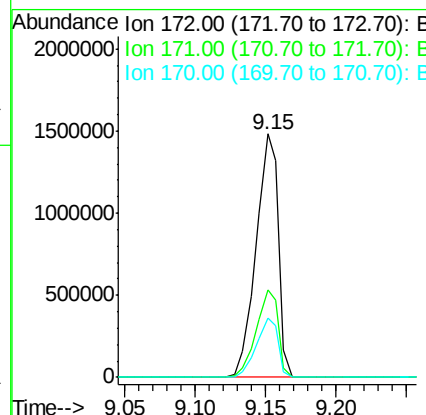
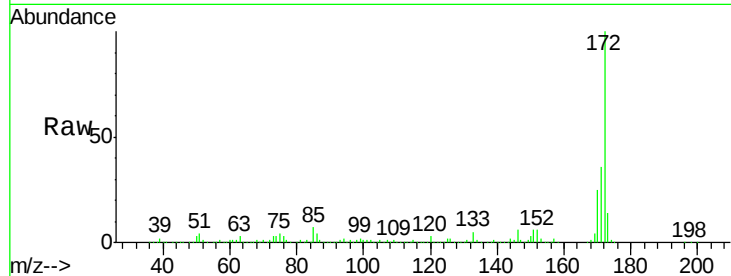
#45
2-Fluorobiphenyl
Concen: 83.012 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.9	29.0	43.4	
170	24.5	19.4	29.2	

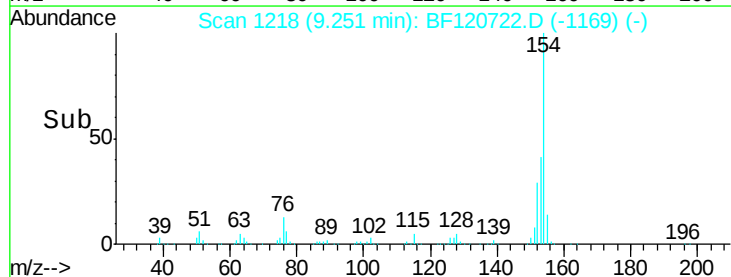
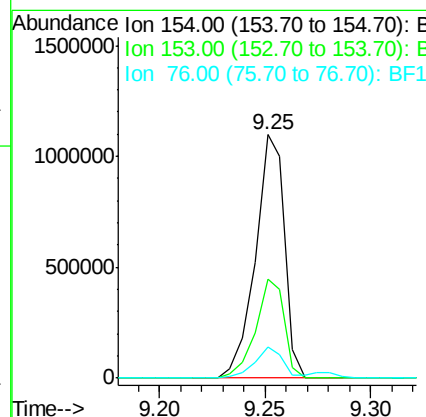
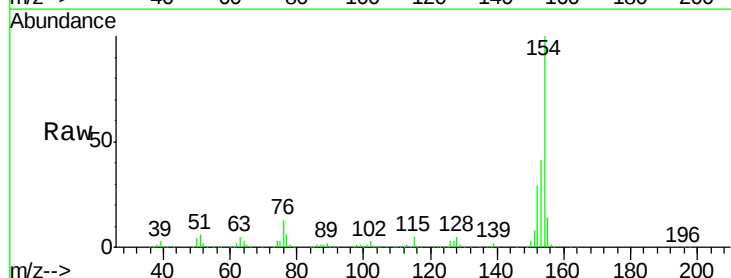
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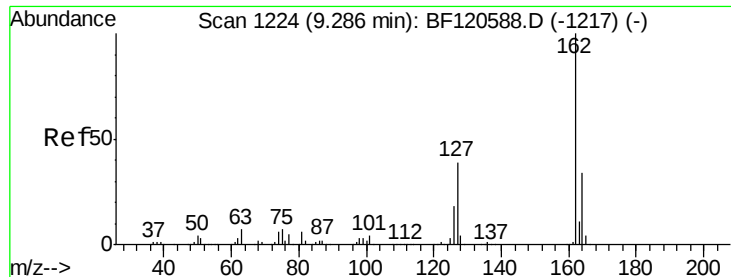
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#46
1,1'-Biphenyl
Concen: 46.565 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	40.8	21.4	61.4	
76	12.6	0.0	31.6	





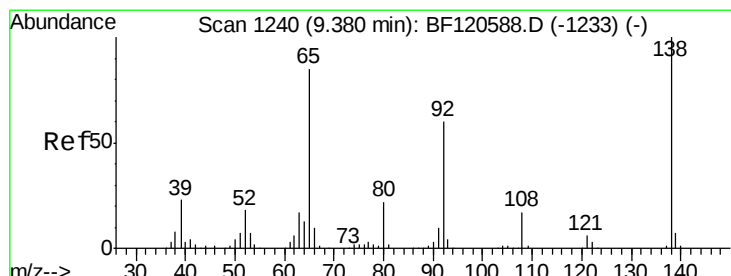
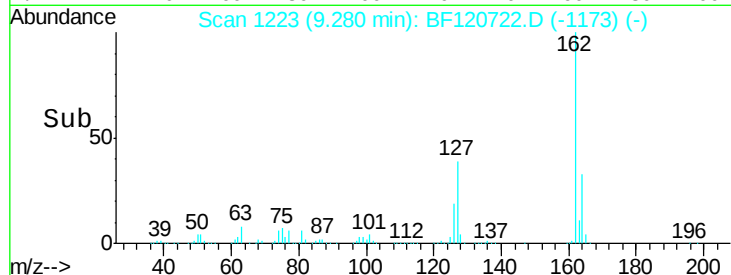
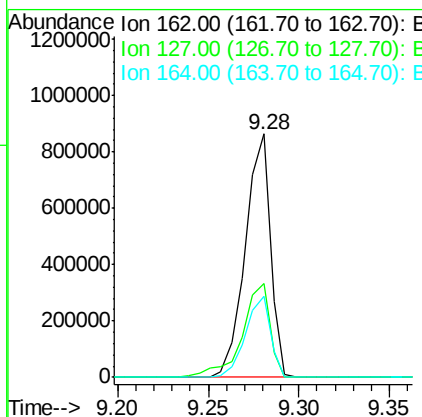
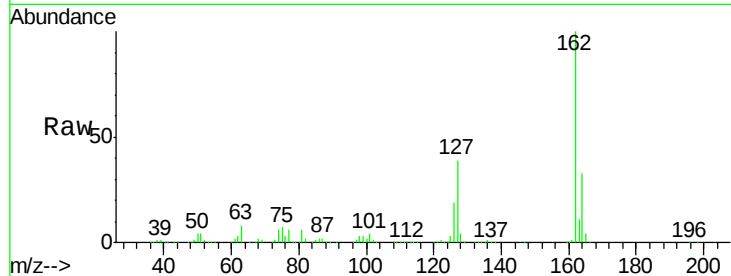
#47
 2-Chloronaphthalene
 Concen: 45.138 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
833043	162	100			
	127	38.7		31.3	46.9
	164	33.4		26.9	40.3

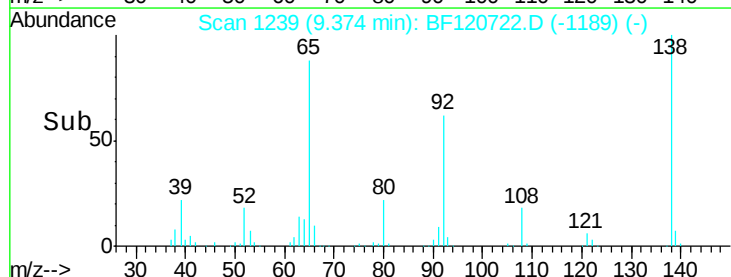
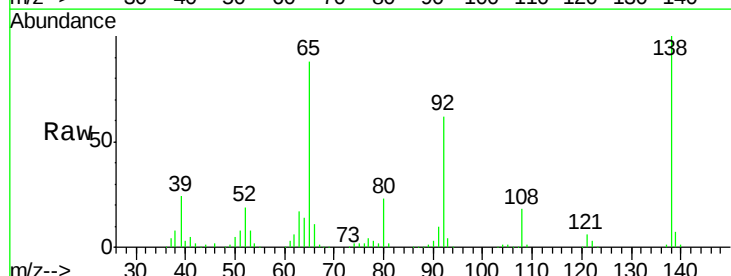
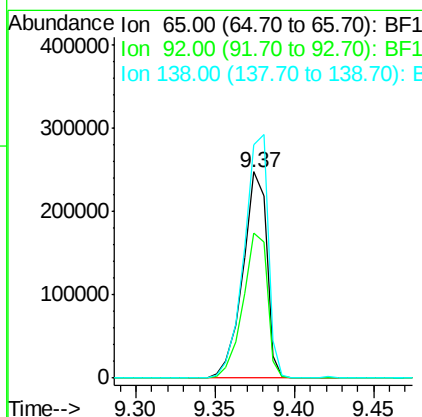
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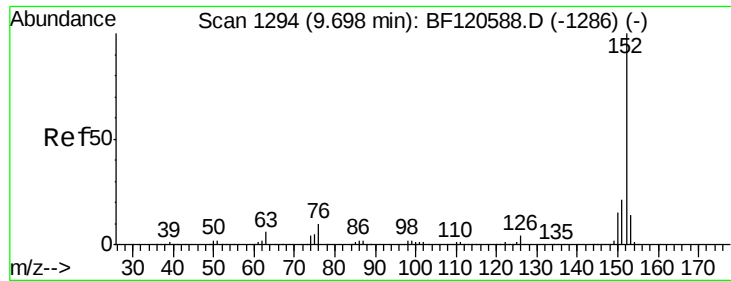
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#48
 2-Nitroaniline
 Concen: 44.405 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
257384	65	100			
	92	70.5		56.0	84.0
	138	113.4		94.0	141.0





#49

Acenaphthylene

Concen: 45.972 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

Tot Ion:152 Resp: 1309406

Ion Ratio Lower Upper

152 100

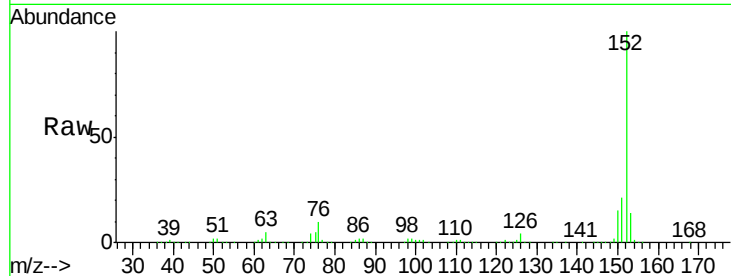
151 20.8 16.6 25.0

153 13.7 11.0 16.6

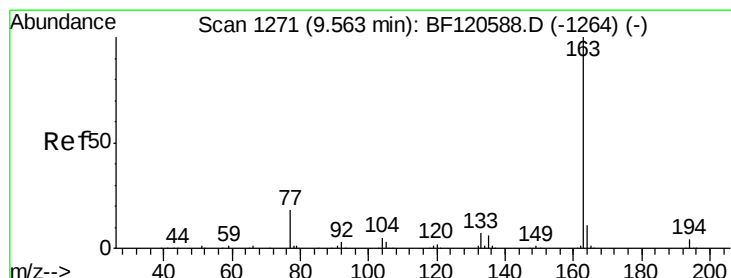
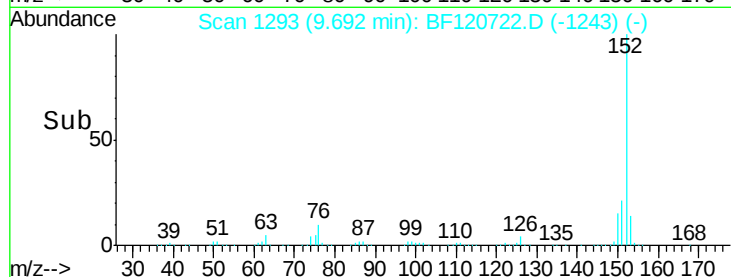
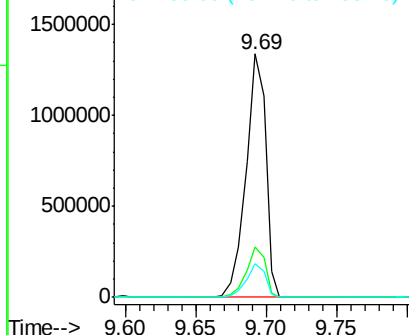
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.884 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

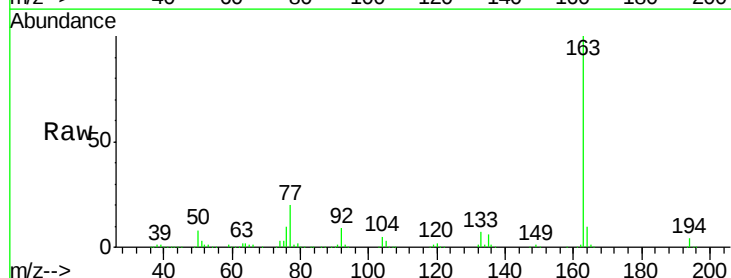
Tgt Ion:163 Resp: 1107632

Ion Ratio Lower Upper

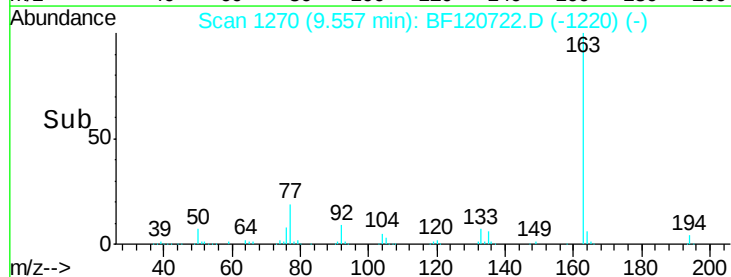
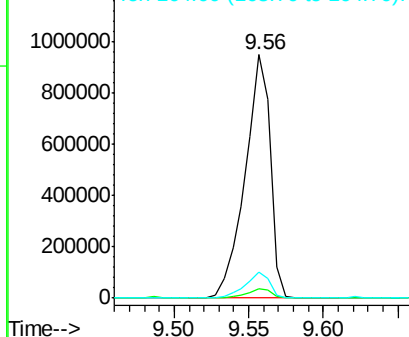
163 100

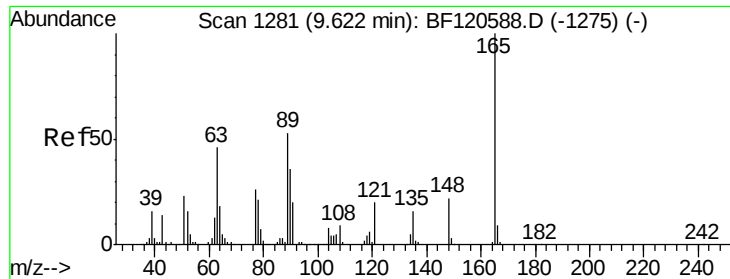
194 4.0 3.1 4.7

164 10.5 8.5 12.7



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





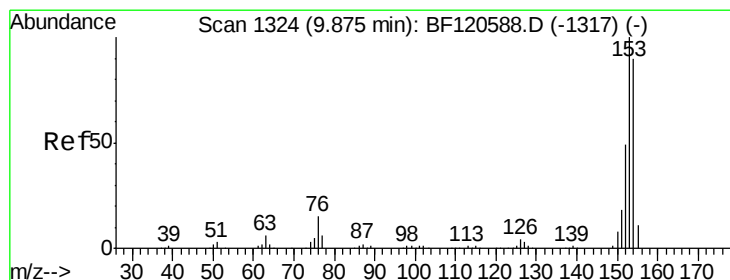
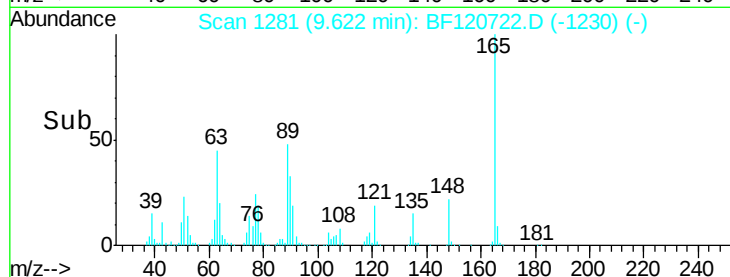
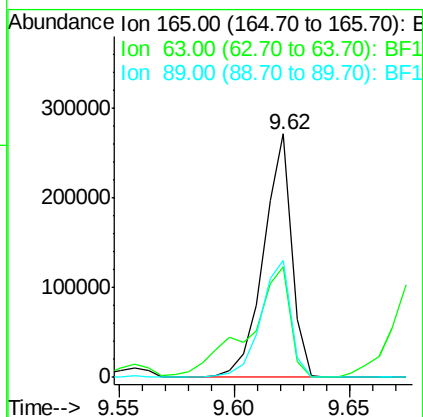
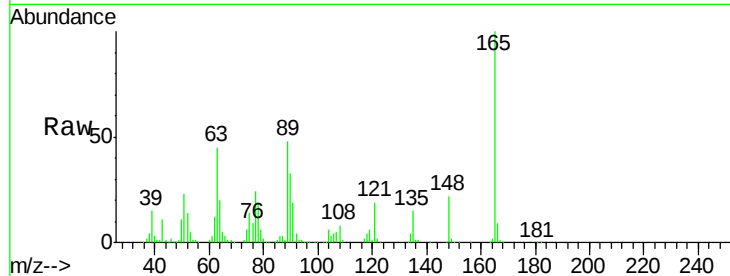
#51
 2,6-Dinitrotoluene
 Concen: 46.502 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	229402		
63	45.3		41.7	62.5
89	47.9		42.6	64.0

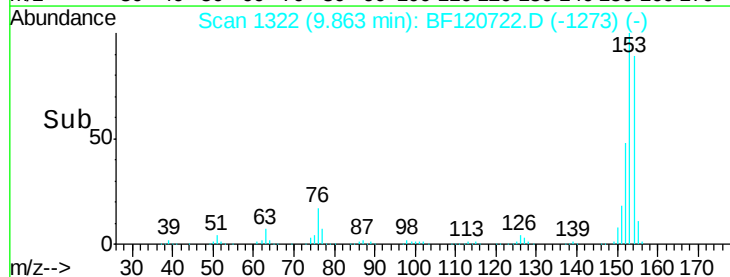
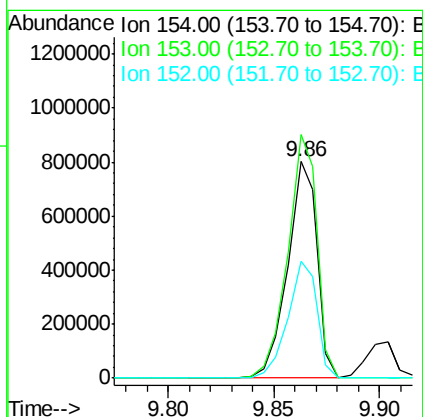
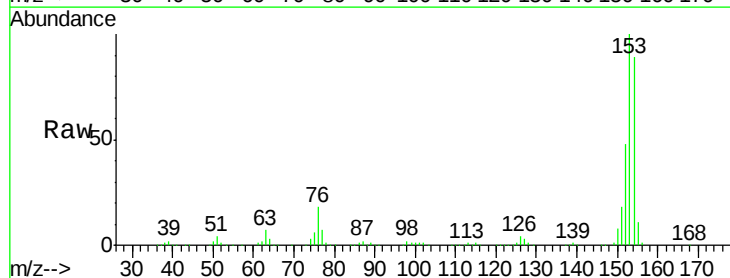
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#52
 Acenaphthene
 Concen: 45.856 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	778957		
153	112.7		89.1	133.7
152	54.2		43.7	65.5





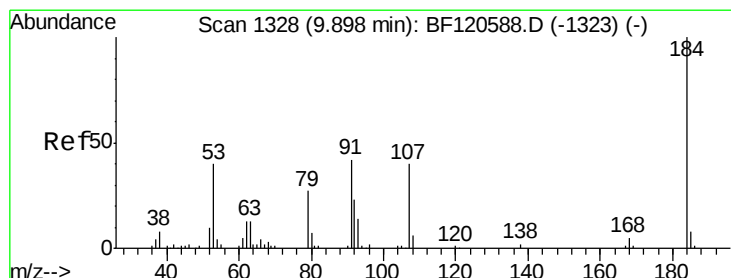
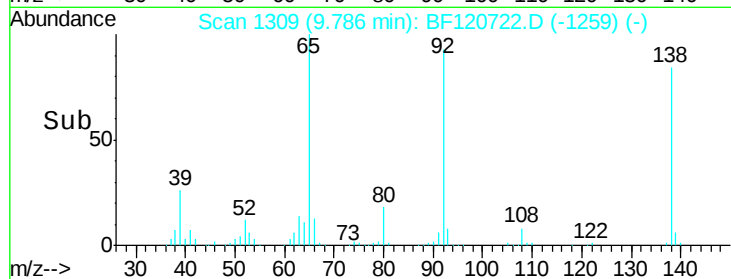
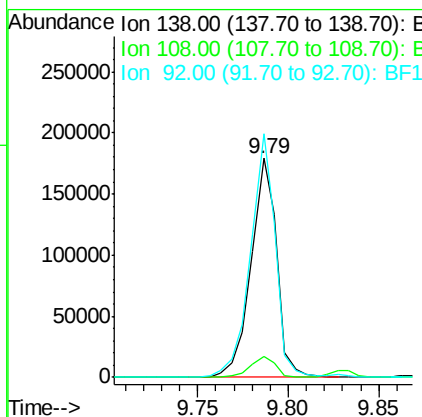
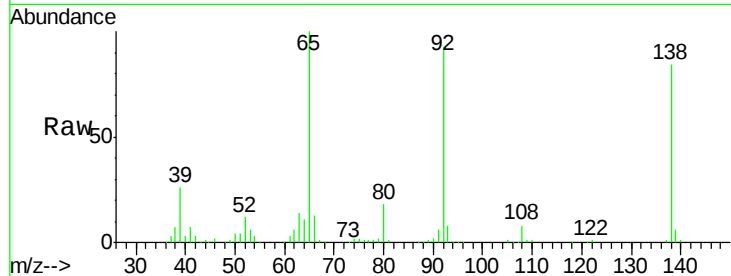
#53
 3-Nitroaniline
 Concen: 29.865 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.0	12.0
92	111.1	86.0	129.0

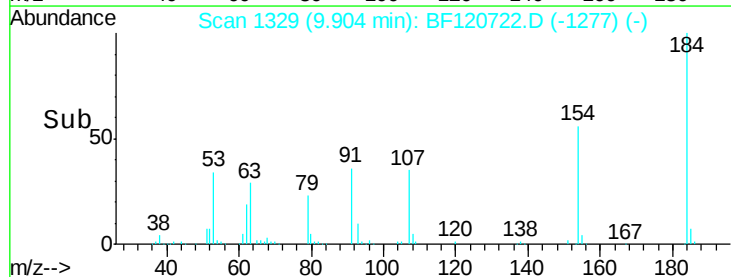
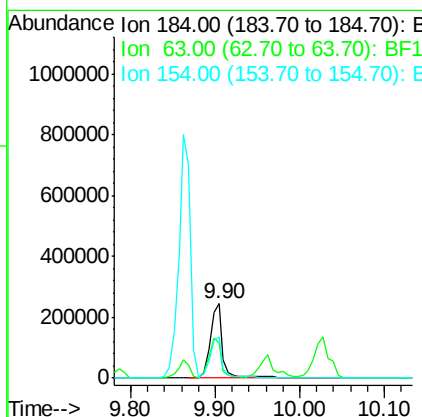
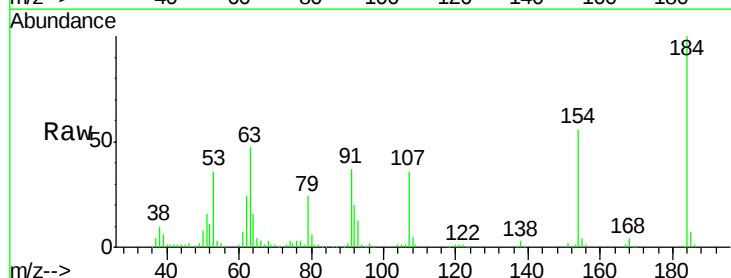
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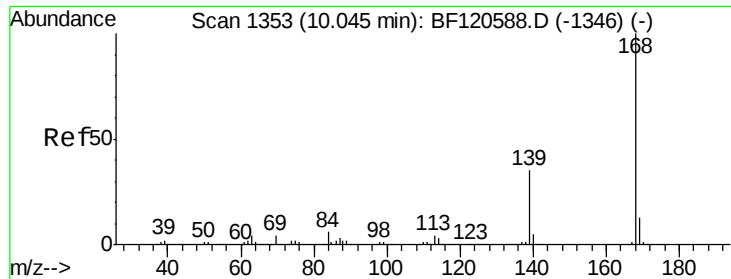
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#54
 2,4-Dinitrophenol
 Concen: 87.246 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.01 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.3	44.2	66.2
154	56.0	45.9	68.9





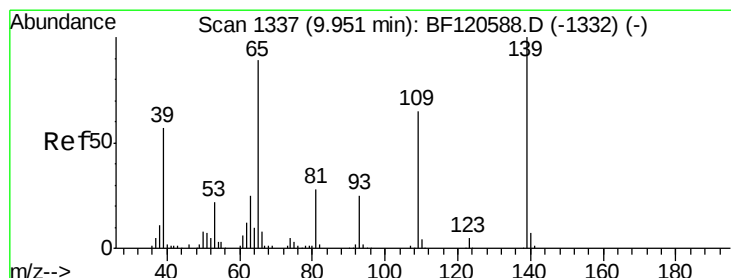
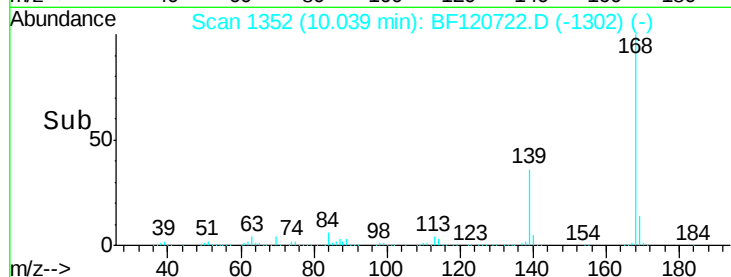
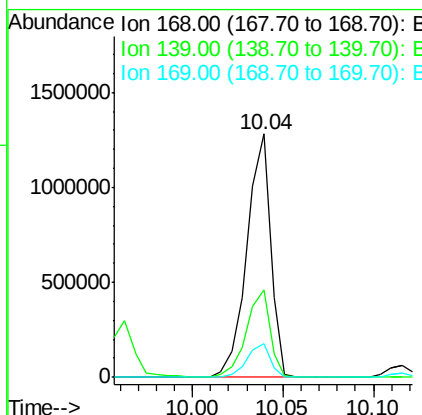
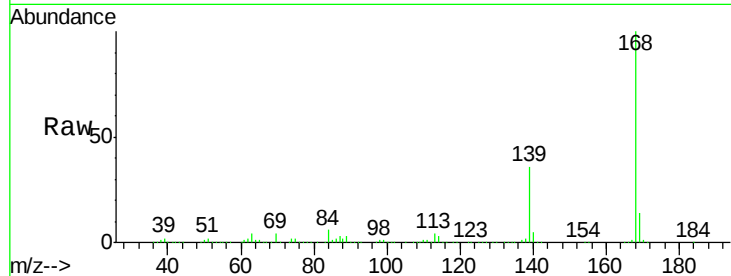
#55
Dibenzenofuran
Concen: 44.953 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion:168 Resp: 1170863
Ion Ratio Lower Upper
168 100
139 35.7 28.1 42.1
169 13.9 10.6 16.0

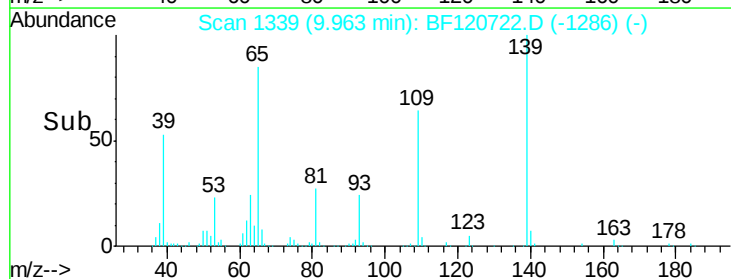
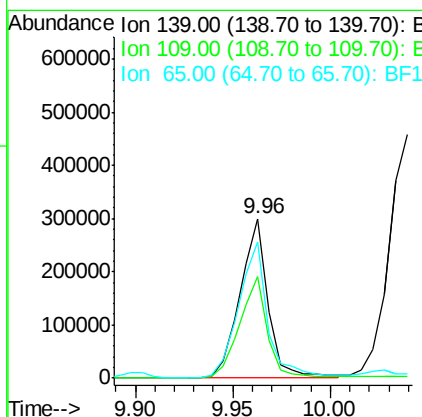
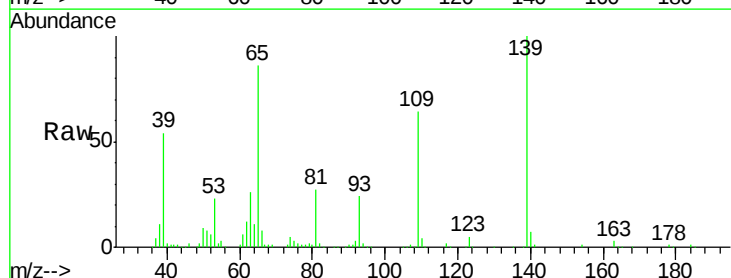
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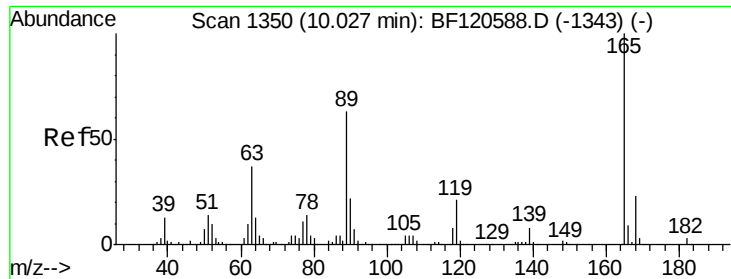
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#56
4-Nitrophenol
Concen: 66.976 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion:139 Resp: 298889
Ion Ratio Lower Upper
139 100
109 63.5 44.6 84.6
65 85.5 69.2 109.2





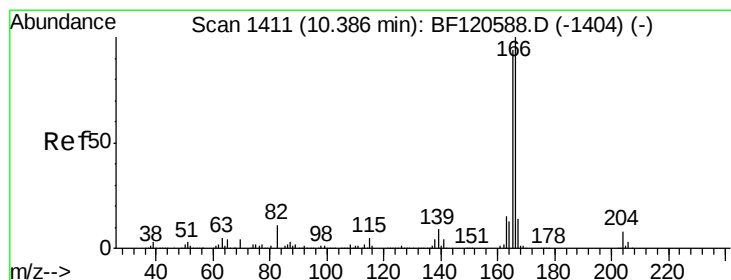
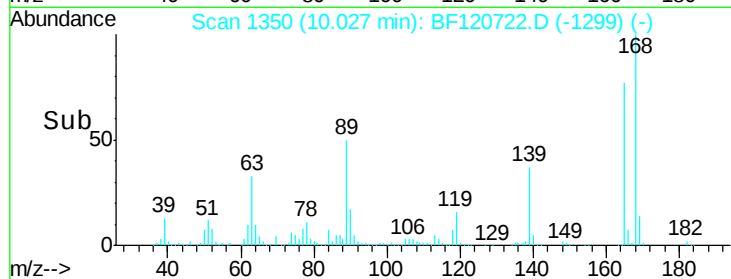
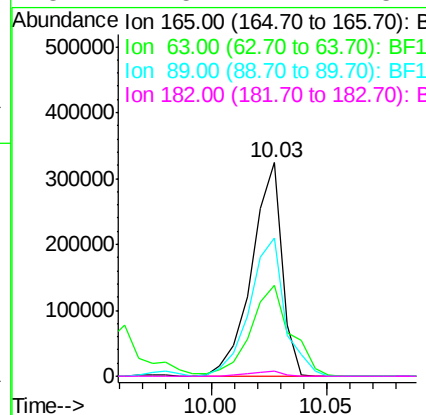
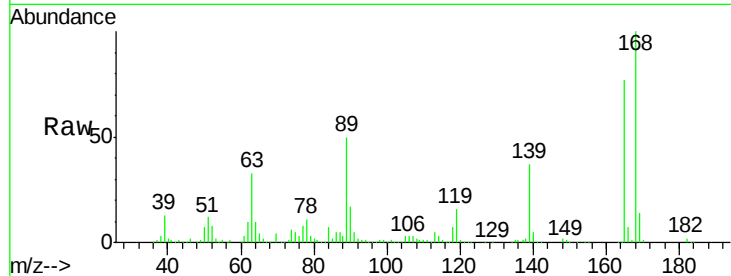
#57
2,4-Dinitrotoluene
Concen: 45.590 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	298434		
63	42.3	29.8	44.8	
89	64.6	50.4	75.6	
182	2.5	2.1	3.1	

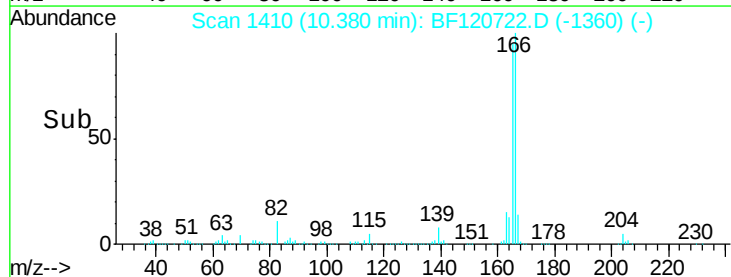
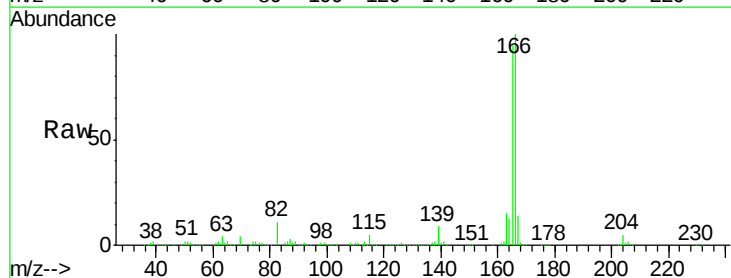
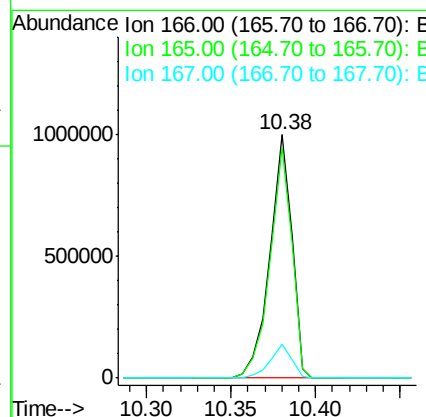
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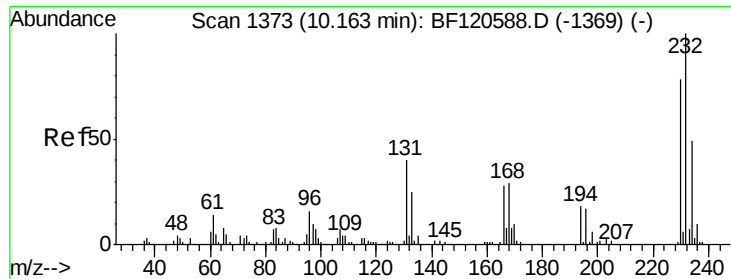
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#58
Fluorene
Concen: 44.941 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	902368		
165	94.9	75.0	112.6	
167	13.6	11.0	16.4	





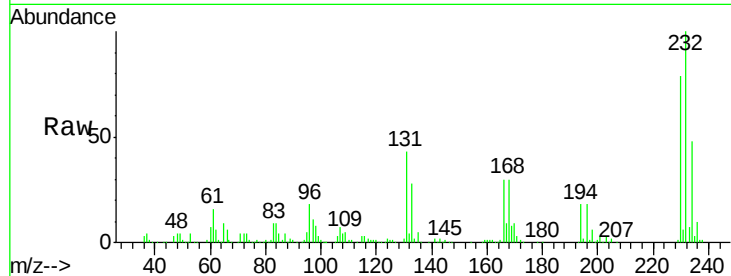
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.038 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

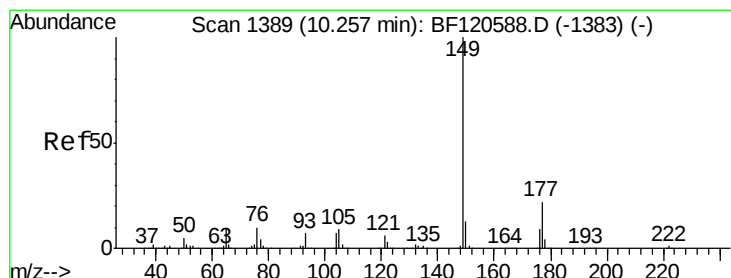
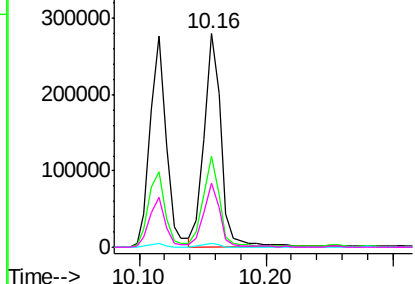
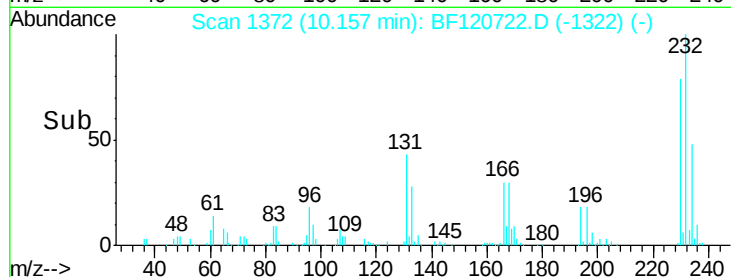
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		263066		
131	41.2	33.5	50.3		
130	1.9	1.5	2.3		
166	28.8	23.4	35.0		

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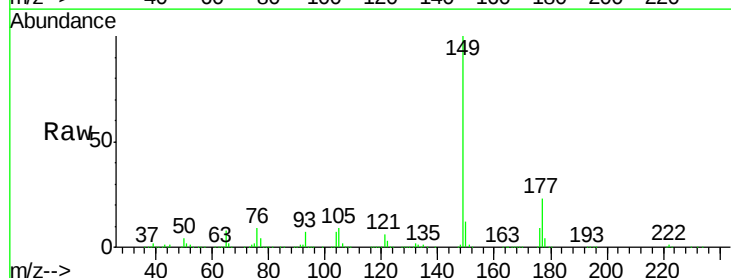


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

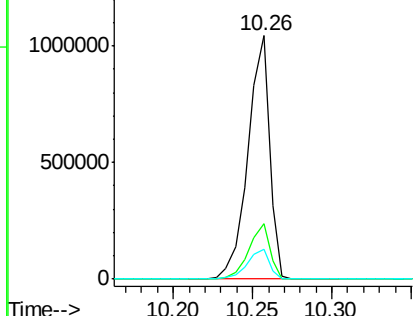
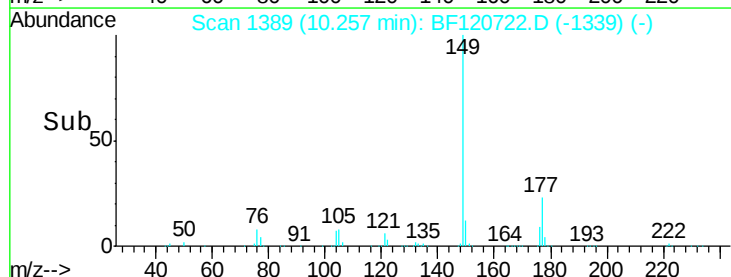


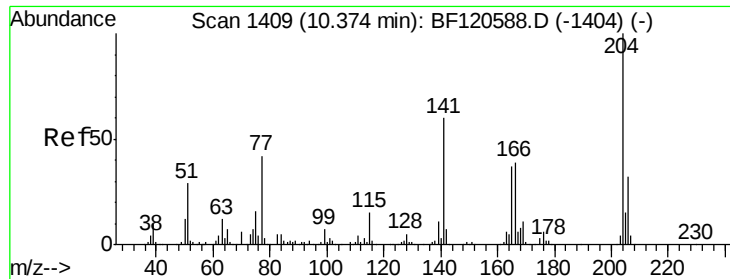
#60
 Diethylphthalate
 Concen: 45.869 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		983390		
177	22.7	17.3	25.9		
150	12.4	10.3	15.5		



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





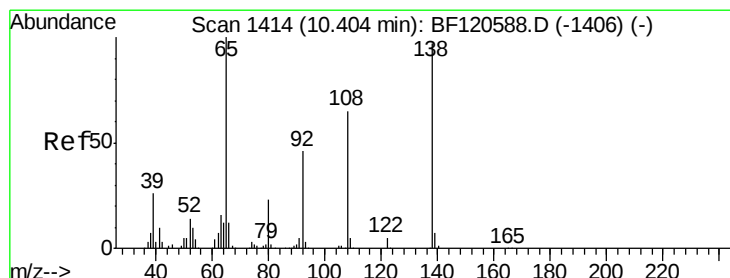
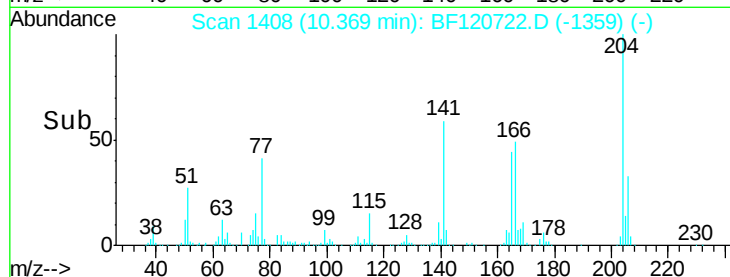
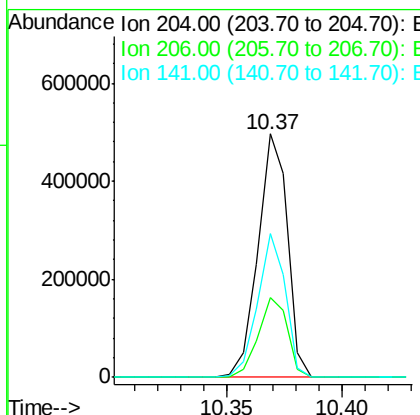
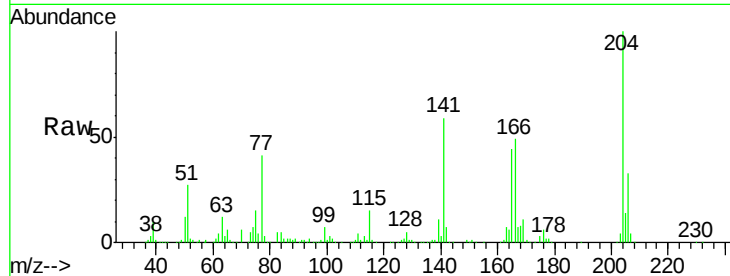
#61
4-Chlorophenyl-phenylether
Concen: 42.674 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.9	38.9
141	59.1	47.6	71.4

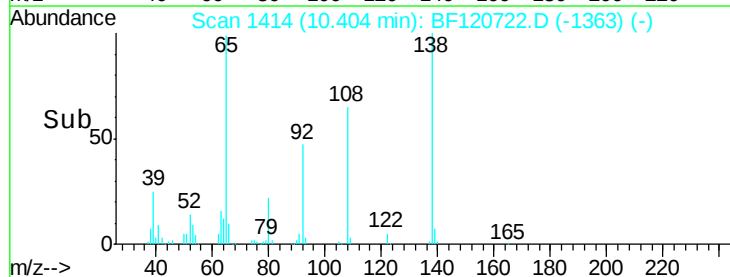
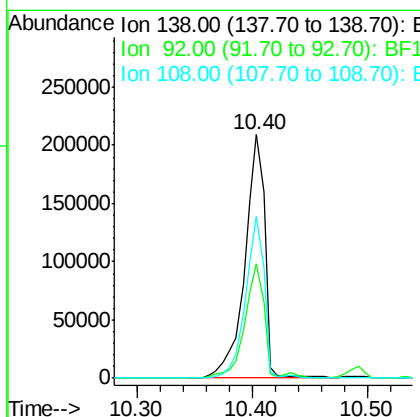
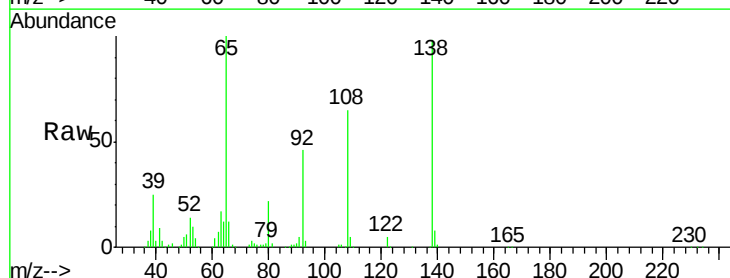
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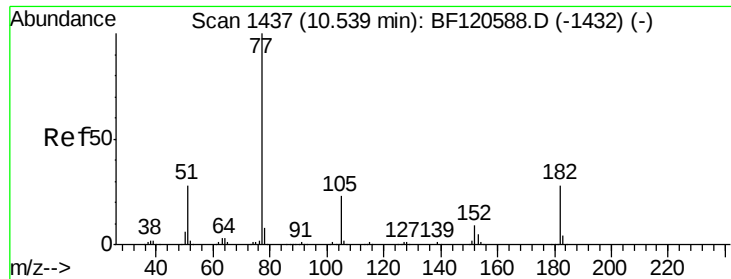
mohammad
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#62
4-Nitroaniline
Concen: 42.216 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.8	27.3	67.3
108	66.6	47.4	87.4





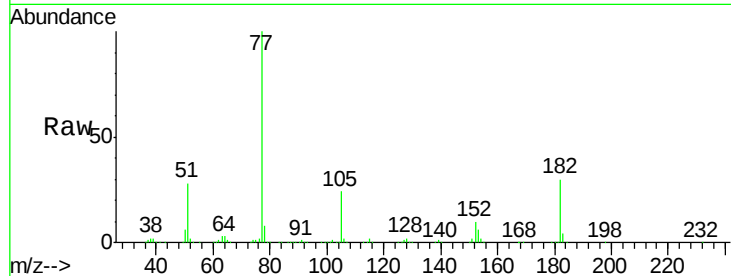
#63
Azobenzene
Concen: 46.137 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

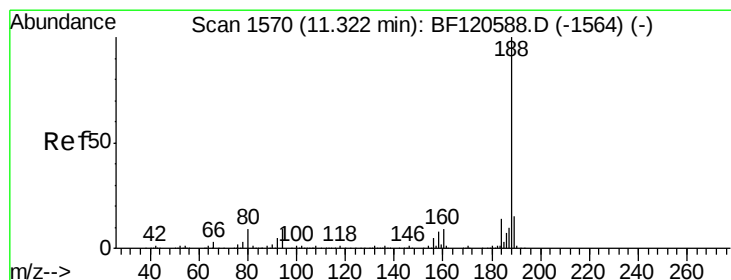
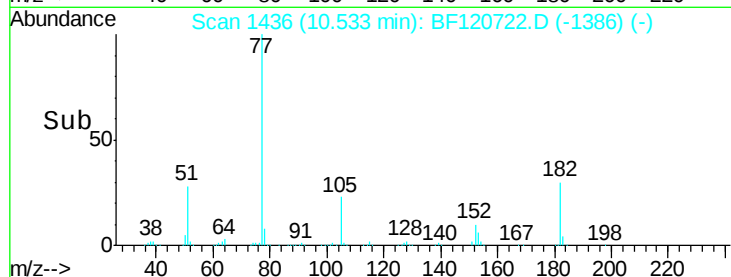
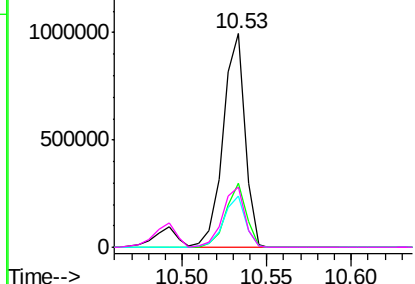
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		897862		
182	29.9	7.7	47.7		
105	24.2	3.2	43.2		
51	28.1	8.5	48.5		

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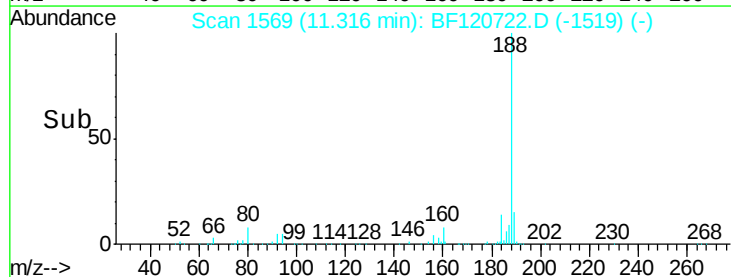
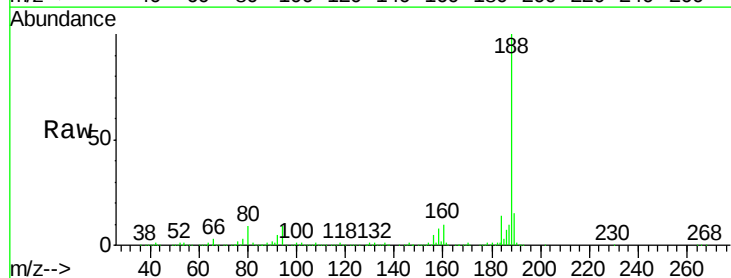
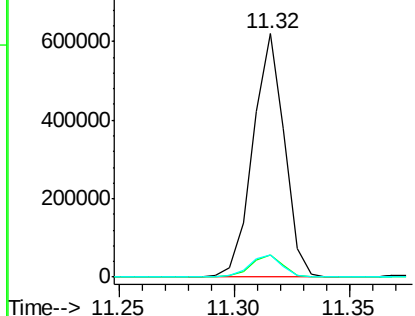
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

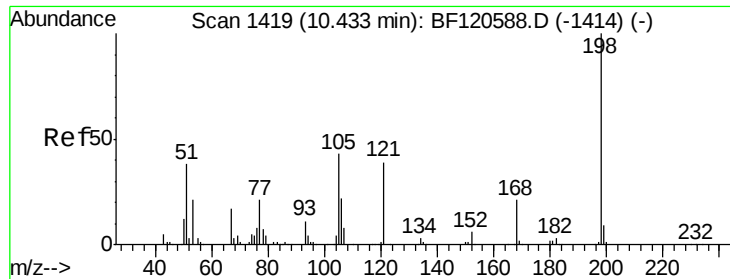


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		590485		
94	9.1	7.2	10.8		
80	9.2	7.4	11.2		

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





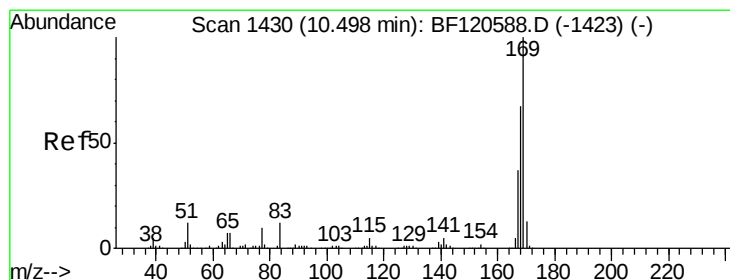
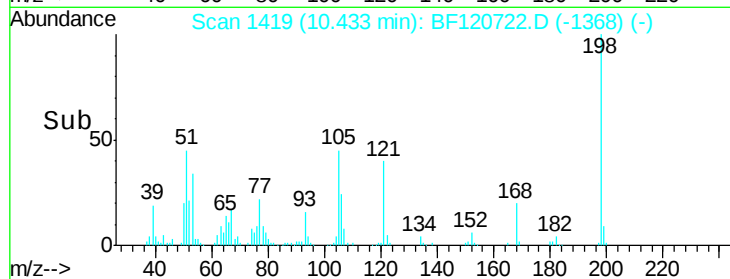
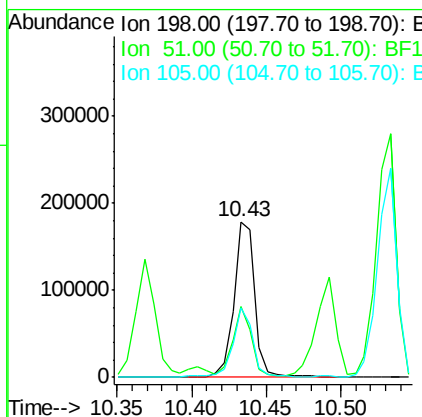
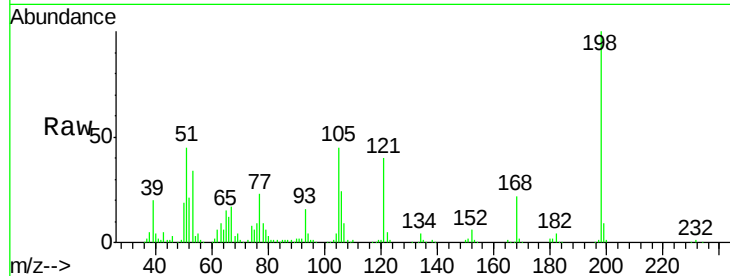
#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.770 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	45.5	24.8	64.8
105	45.1	23.9	63.9

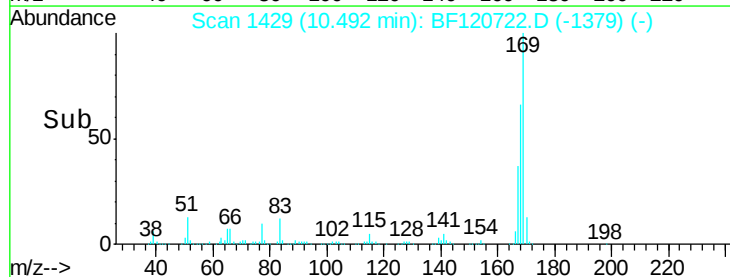
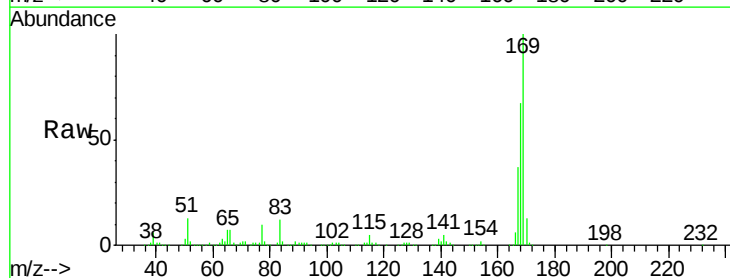
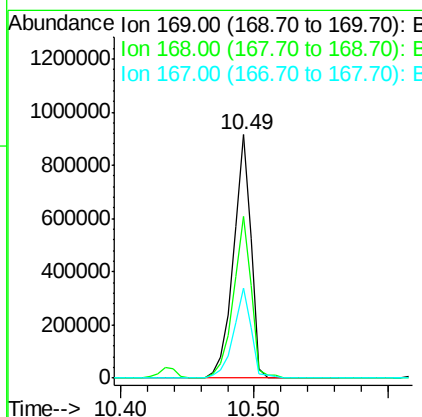
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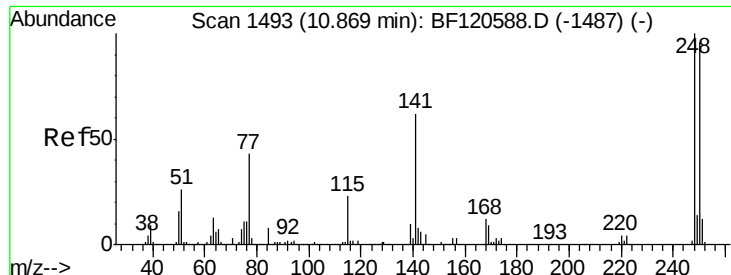
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 46.716 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.7	80.5
167	36.8	29.9	44.9





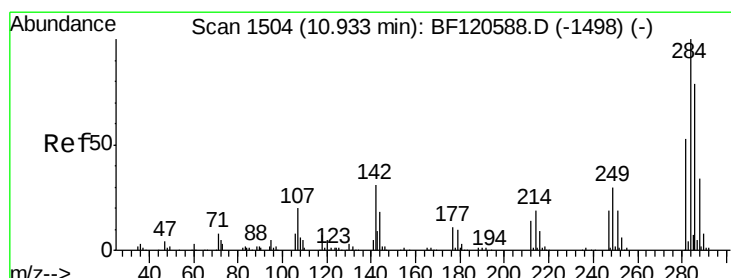
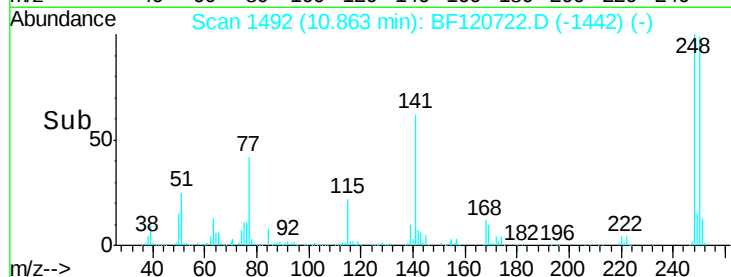
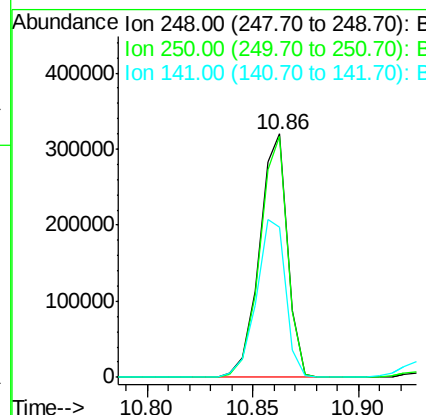
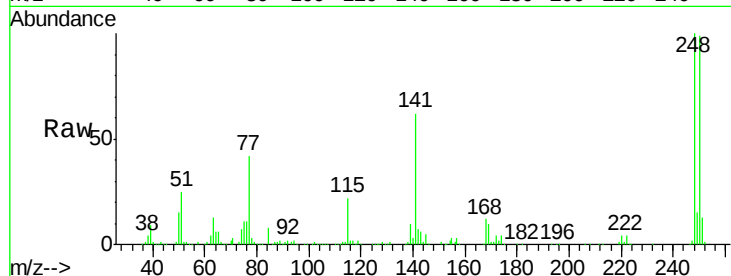
#67
 4-Bromophenyl-phenylether
 Concen: 44.313 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	76.7	115.1
141	61.5	49.4	74.0

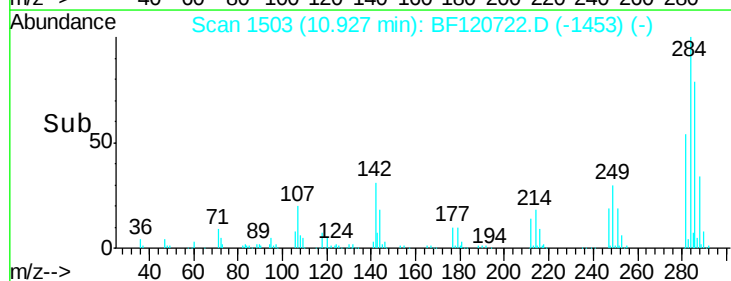
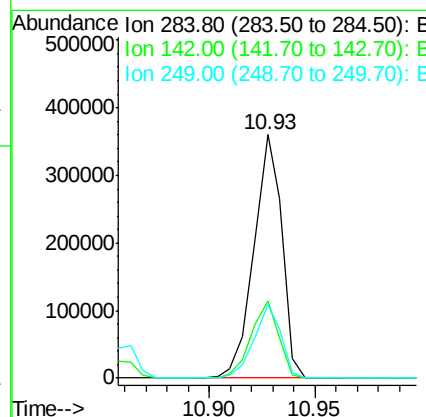
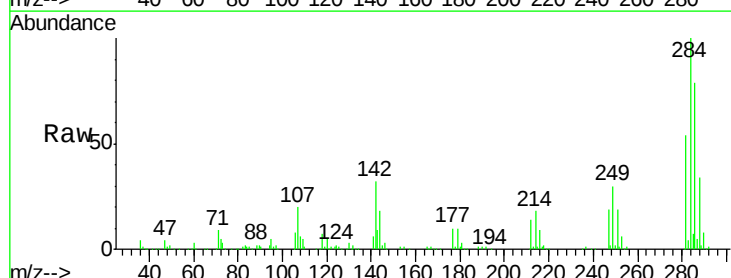
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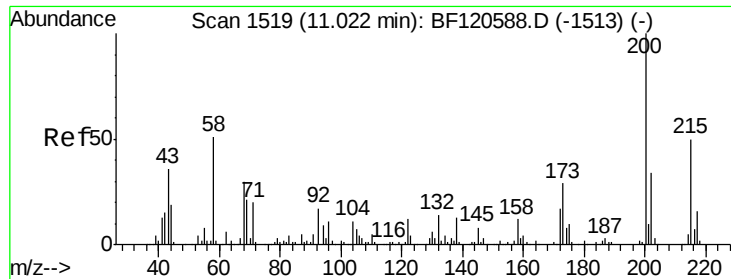
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#68
 Hexachlorobenzene
 Concen: 46.103 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.6	25.1	37.7
249	30.3	24.0	36.0





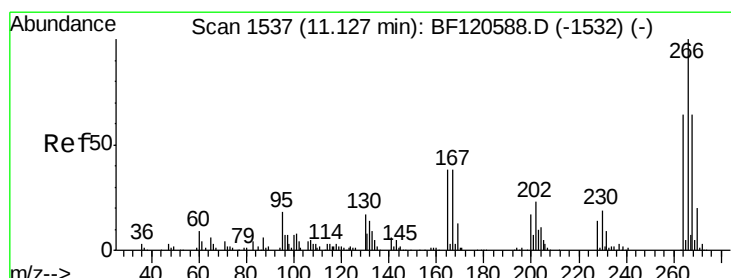
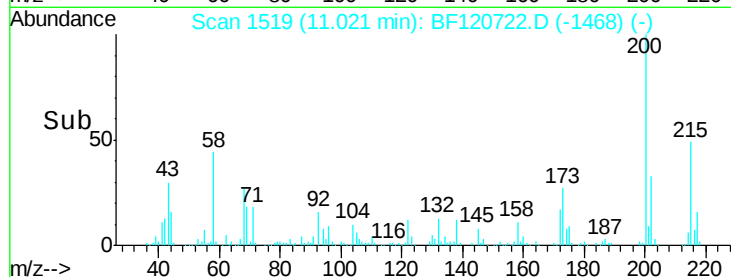
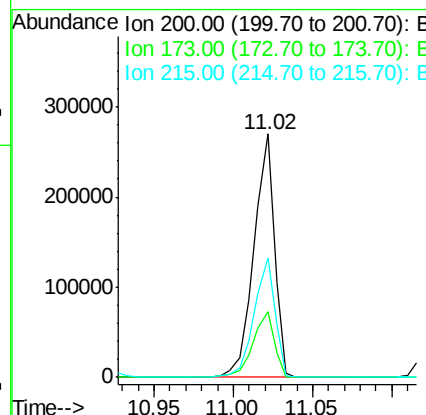
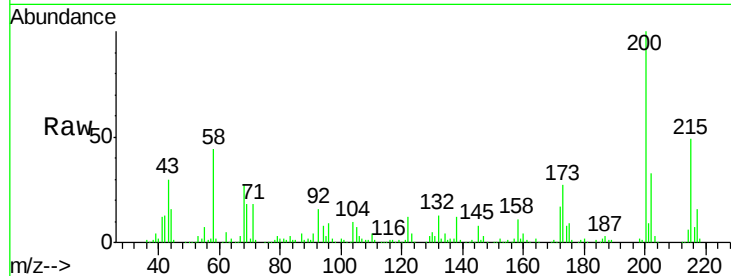
#69
 Atrazine
 Concen: 43.397 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	9.1	49.1
215	48.9	29.8	69.8

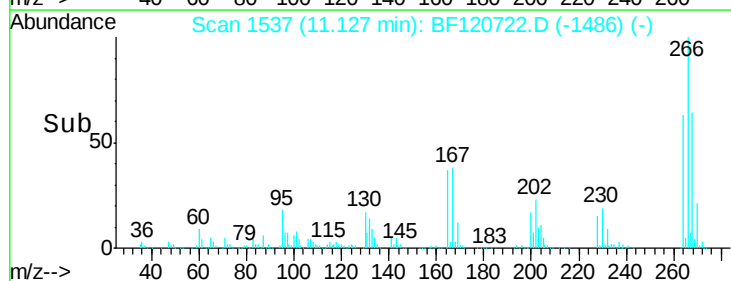
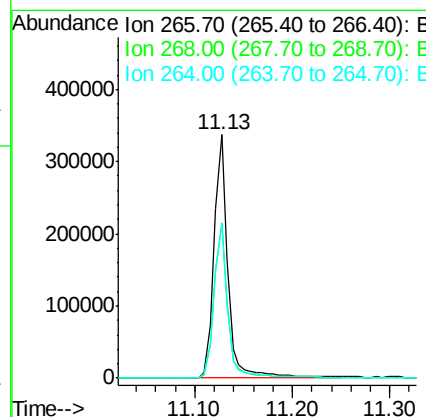
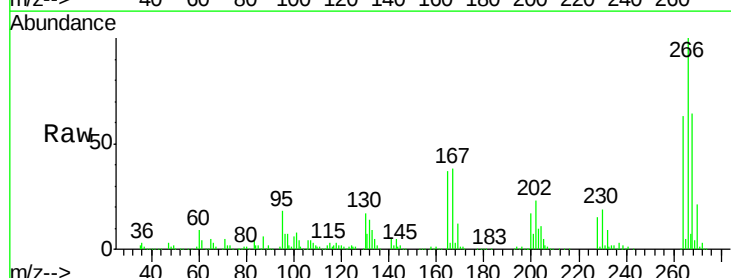
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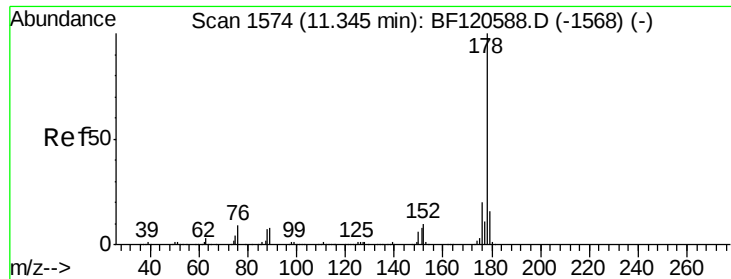
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#70
 Pentachlorophenol
 Concen: 84.284 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.4	77.0
264	63.2	50.8	76.2





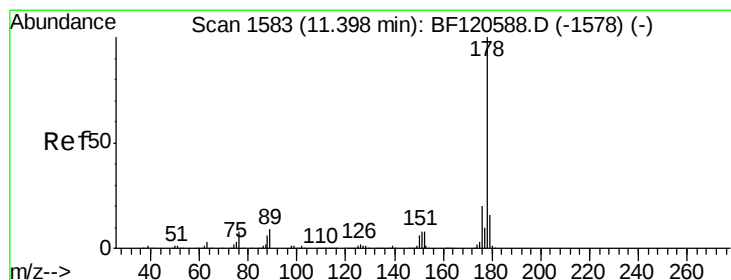
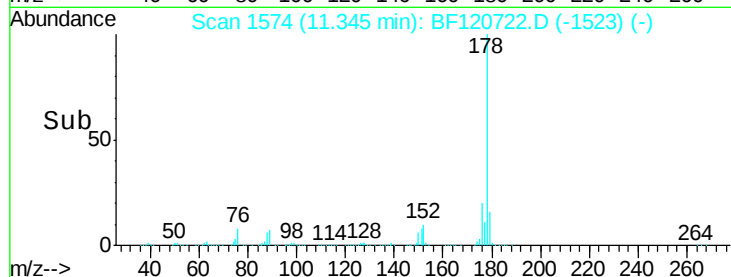
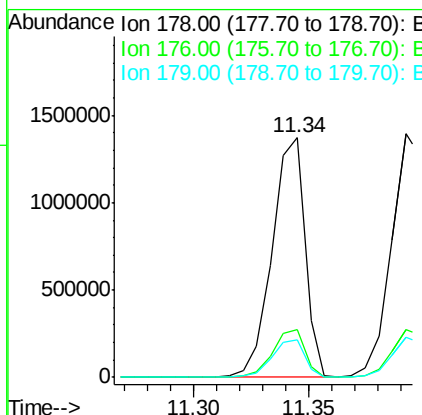
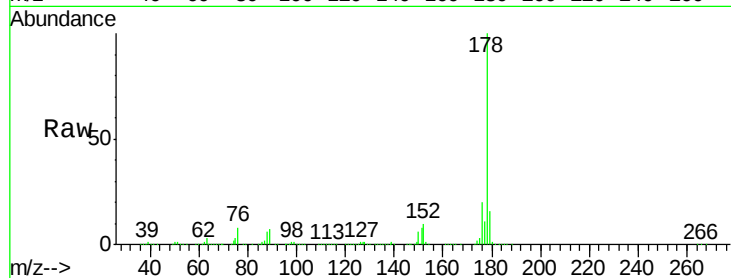
#71
Phenanthrene
Concen: 46.266 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	15.6	12.8	19.2

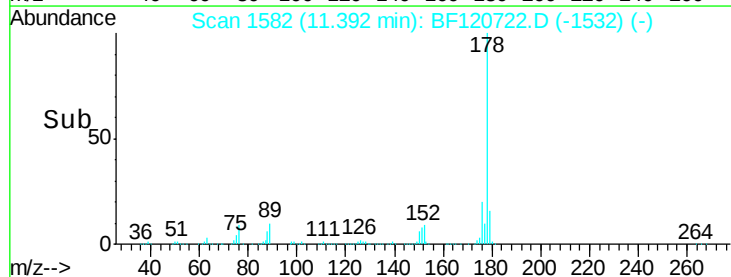
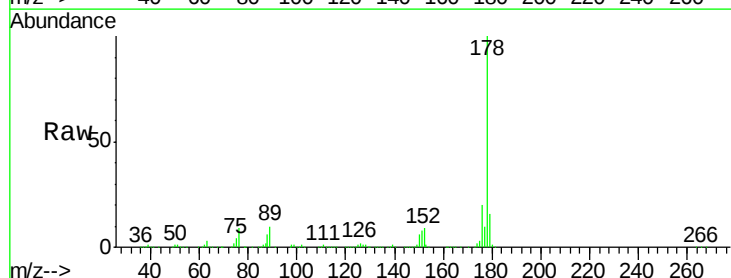
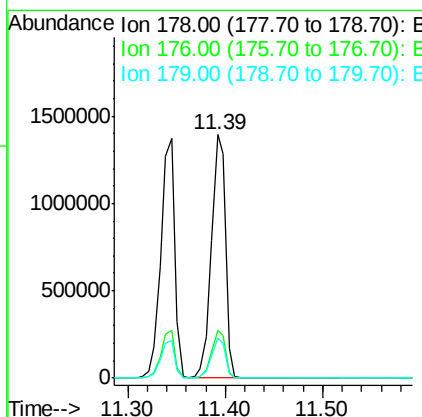
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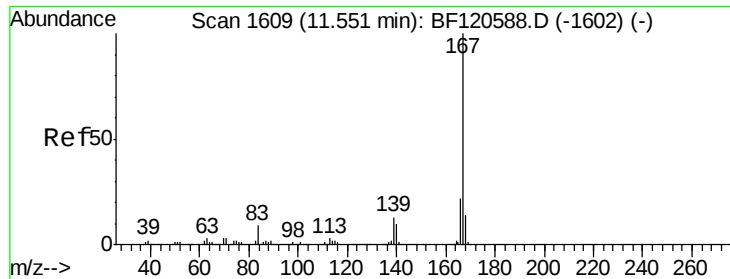
mohammad
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#72
Anthracene
Concen: 47.299 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	16.2	12.9	19.3





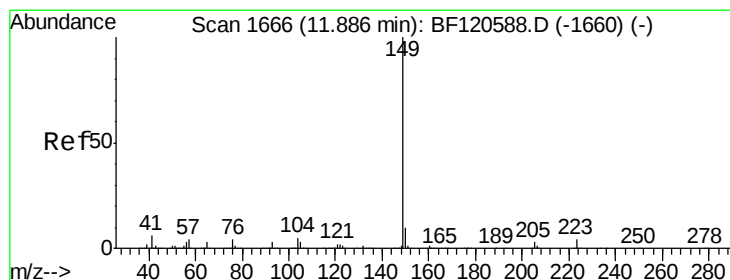
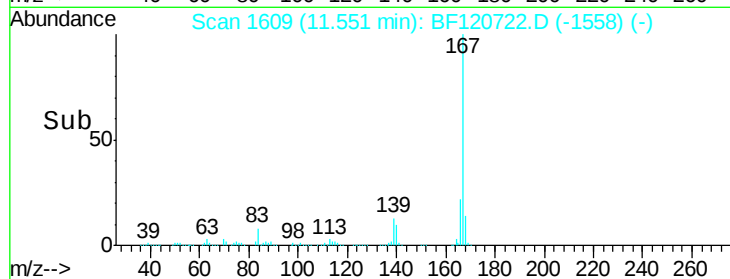
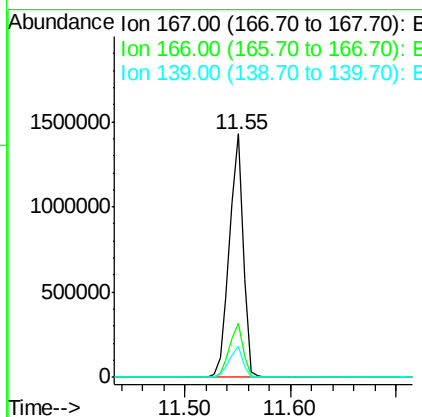
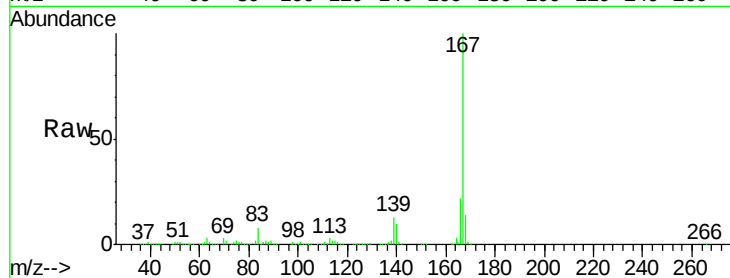
#73
 Carbazole
 Concen: 44.559 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.2	25.8
139	12.6	10.1	15.1

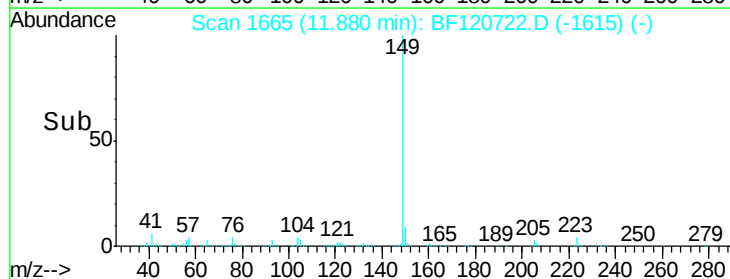
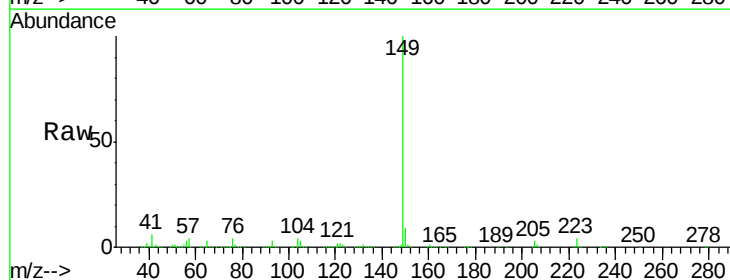
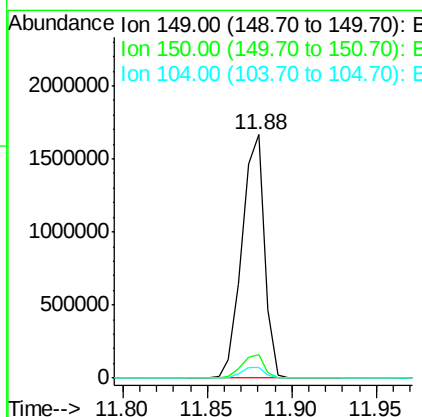
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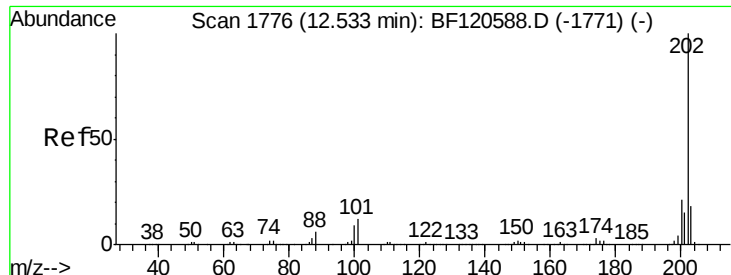
mohammad
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#74
 Di-n-butylphthalate
 Concen: 47.225 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.4	3.7	5.5





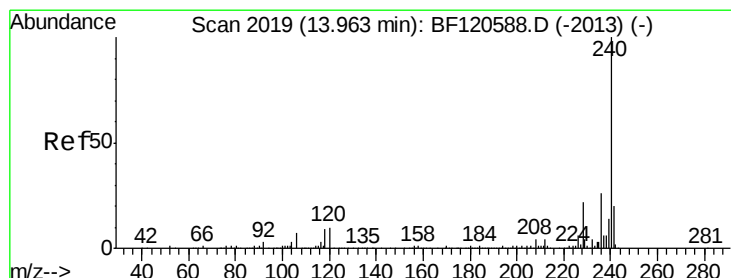
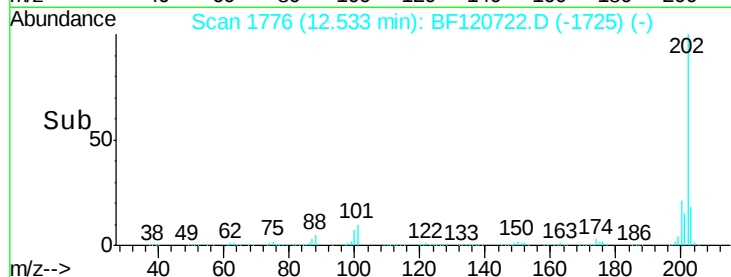
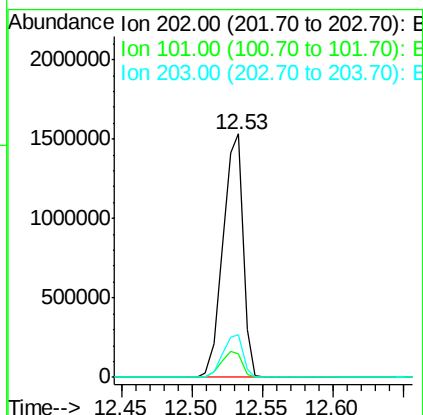
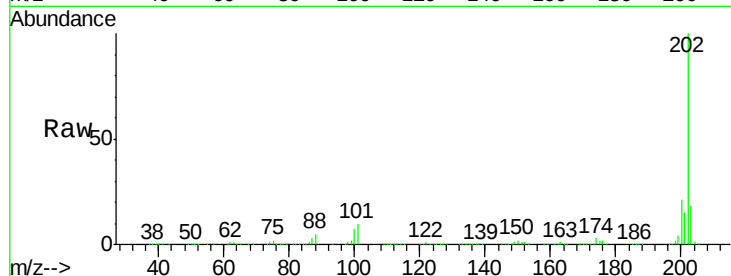
#75
Fluoranthene
 Concen: 45.070 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	32.0
203	17.5	0.0	38.3

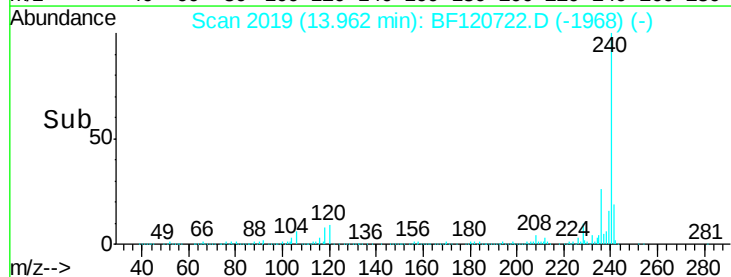
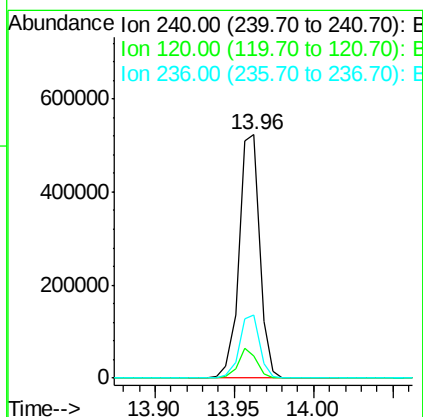
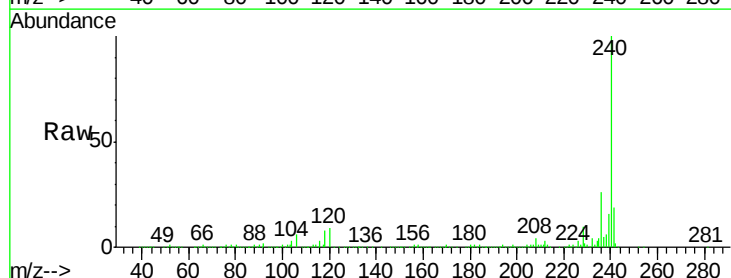
Manual Integrations
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#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.3	12.5
236	25.9	21.0	31.4





#77

Benzidine

Concen: 17.285 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

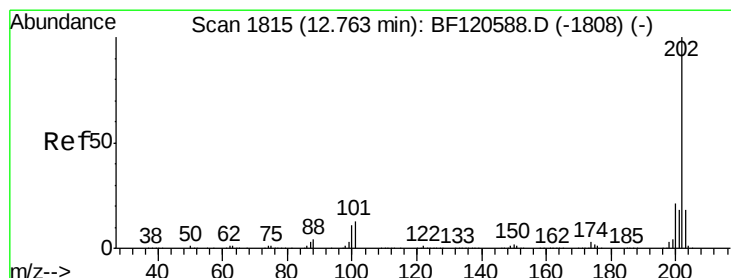
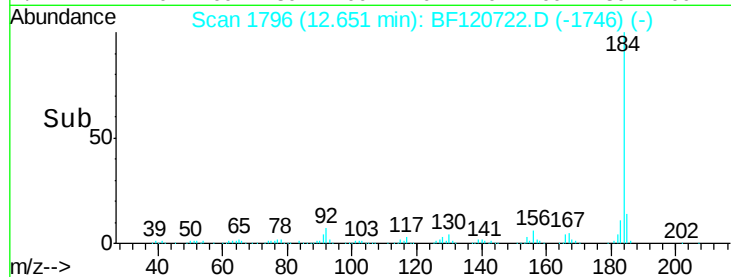
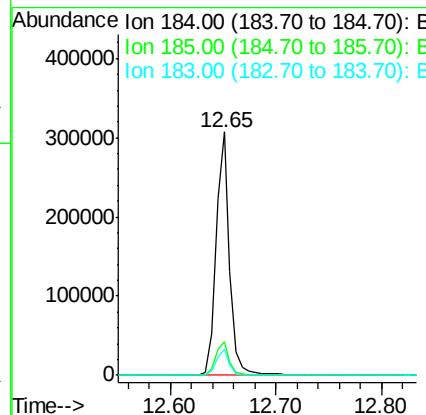
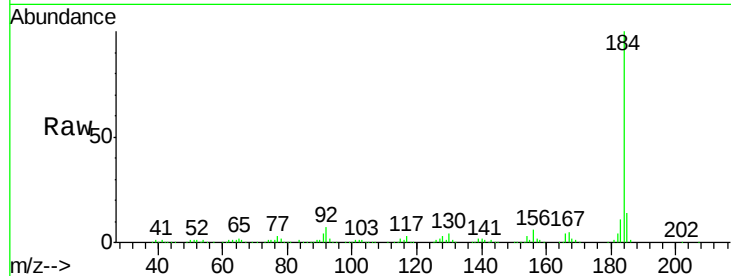
ClientSampleId :

CL-01-062420MS

Tot Ion:	184	Resp:	276330
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.4	17.0
183	10.8	9.0	13.6

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#78

Pyrene

Concen: 46.504 ng

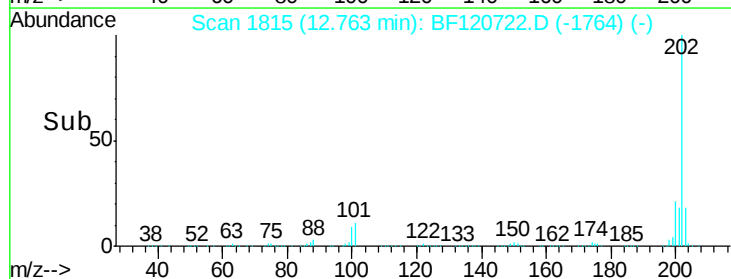
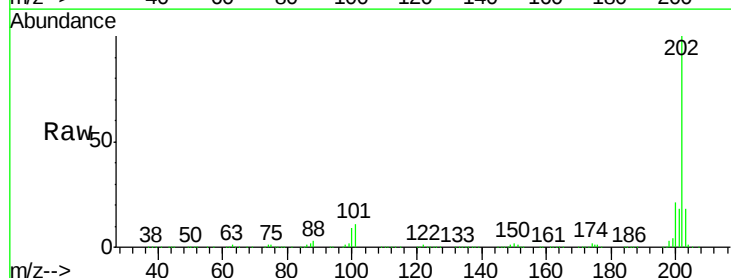
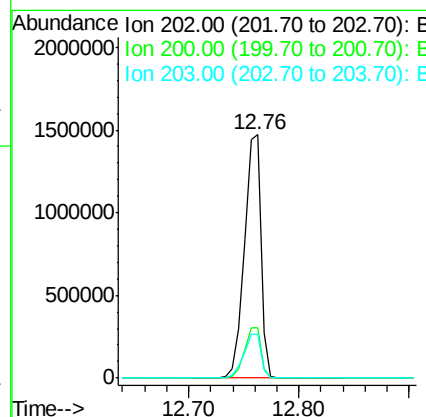
RT: 12.76 min Scan# 1815

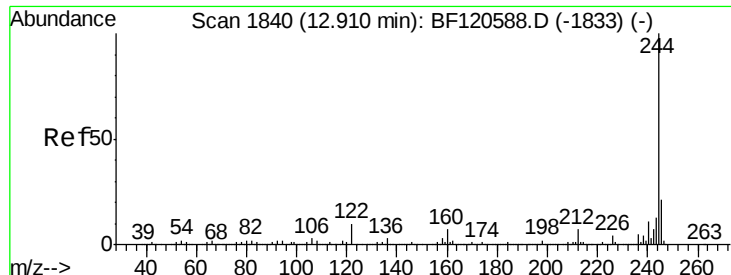
Delta R.T. 0.00 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Tgt Ion:	202	Resp:	1557317
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.8	25.2
203	17.9	14.3	21.5





#79
 Terphenyl-d14
 Concen: 89.374 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

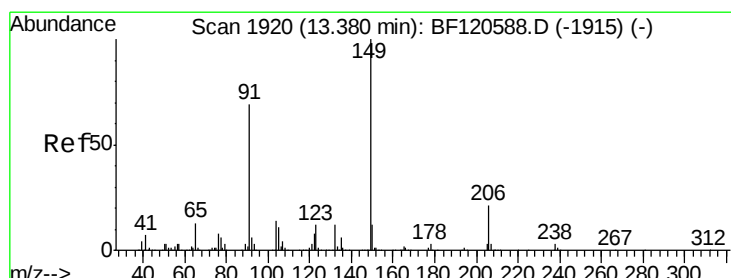
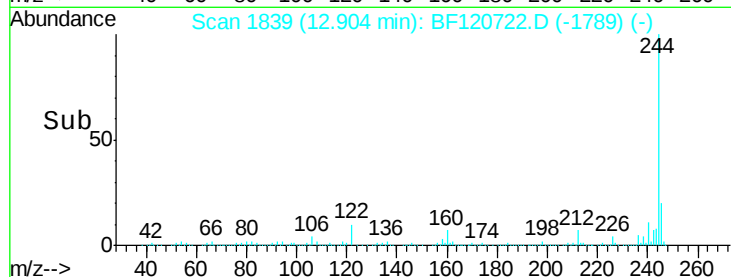
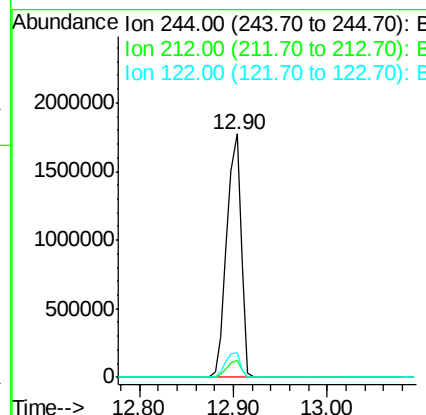
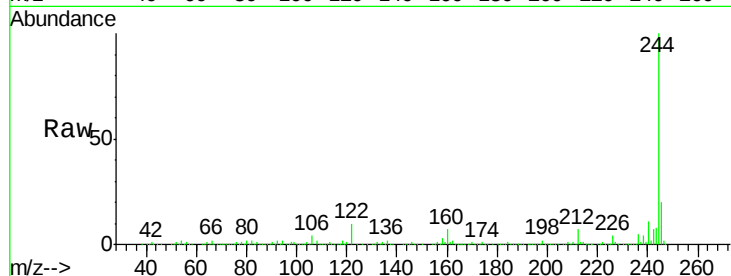
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Tot Ion:244 Resp: 1912669

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	10.4	8.3	12.5

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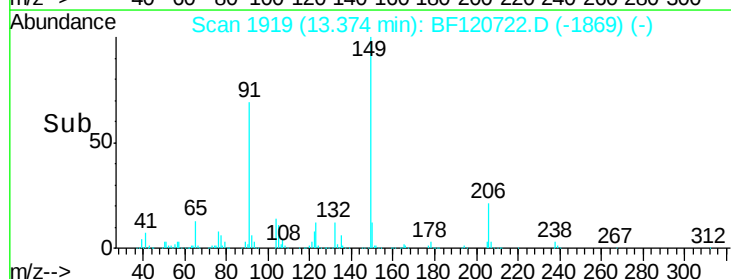
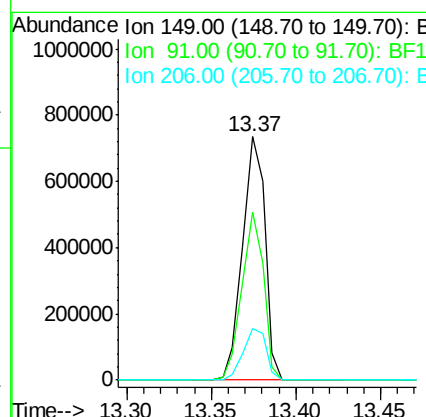
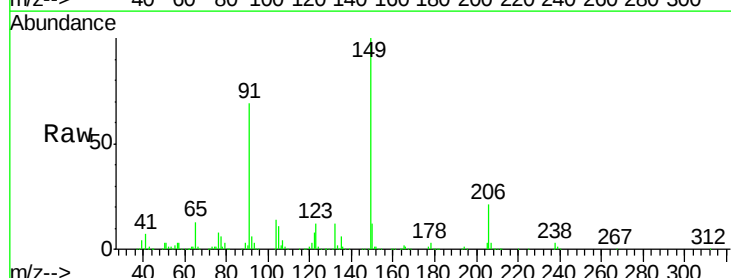
mohammad
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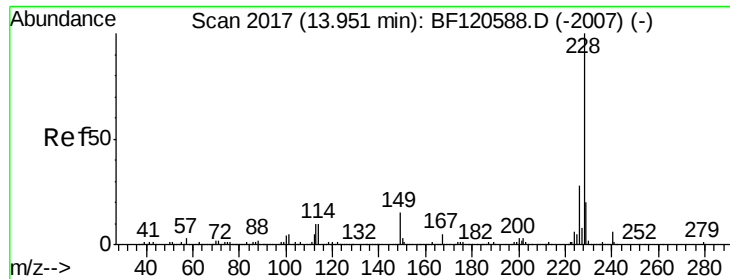


#80
 Butylbenzylphthalate
 Concen: 45.881 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BF120722.D
 Acq: 26 Jun 2020 21:25

Tgt Ion:149 Resp: 682240

Ion	Ratio	Lower	Upper
149	100		
91	69.2	55.4	83.0
206	21.4	17.0	25.4





#81

Benzo(a)anthracene

Concen: 46.928 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

Tot Ion:228 Resp: 1332779

Ion Ratio Lower Upper

228 100

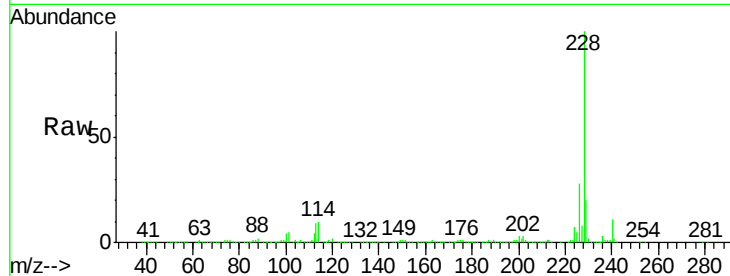
226 28.3 22.5 33.7

229 20.1 16.1 24.1

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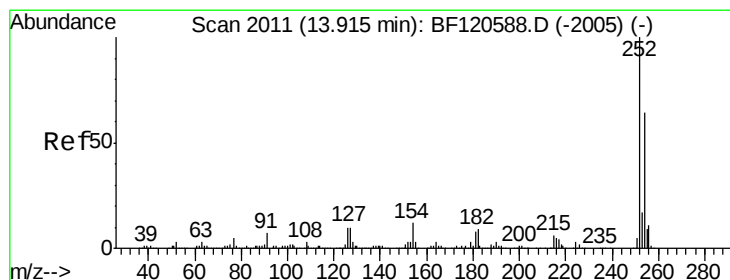
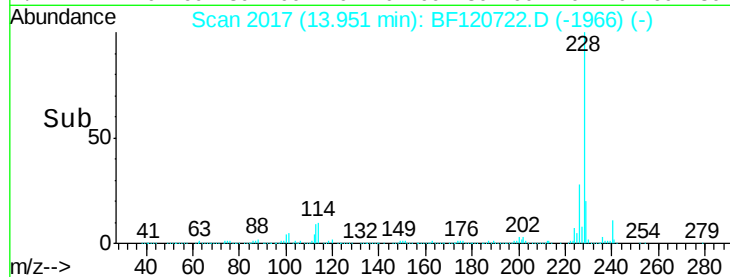
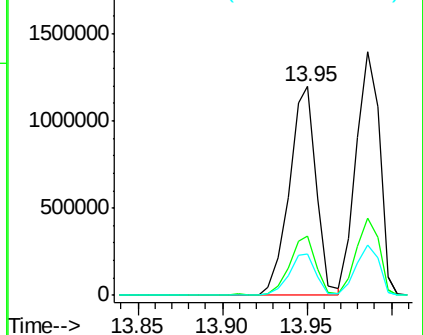
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.159 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF120722.D

Acq: 26 Jun 2020 21:25

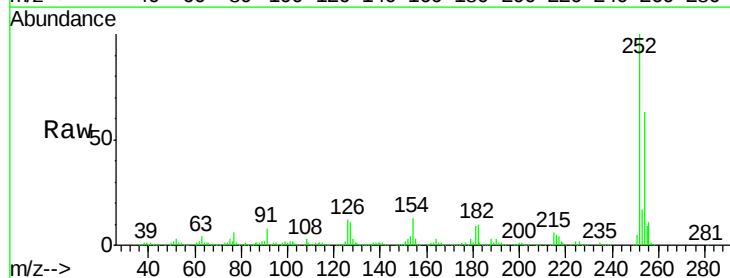
Tgt Ion:252 Resp: 381399

Ion Ratio Lower Upper

252 100

254 63.1 51.4 77.2

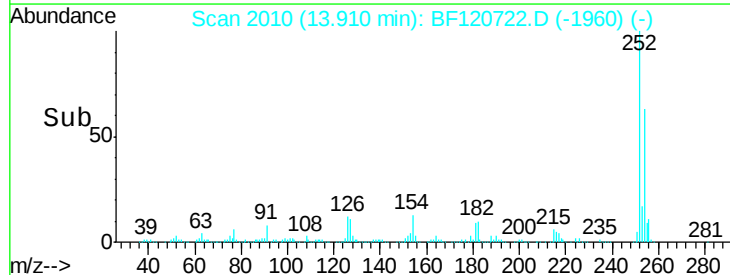
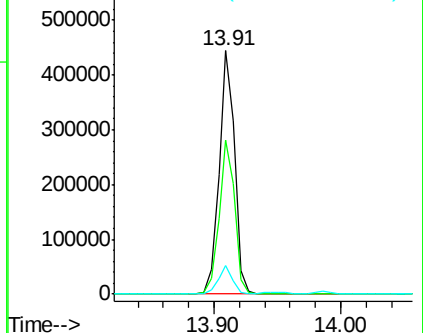
126 11.6 7.9 11.9

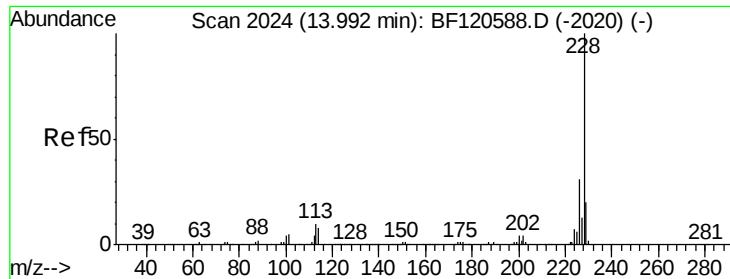


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





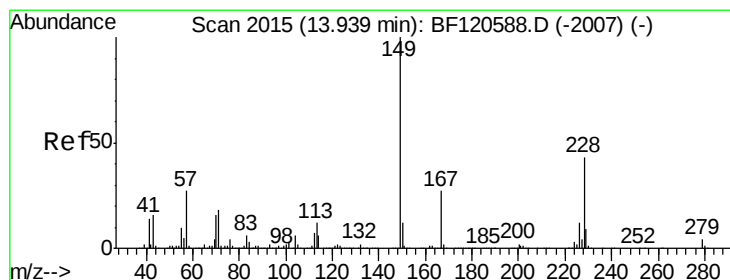
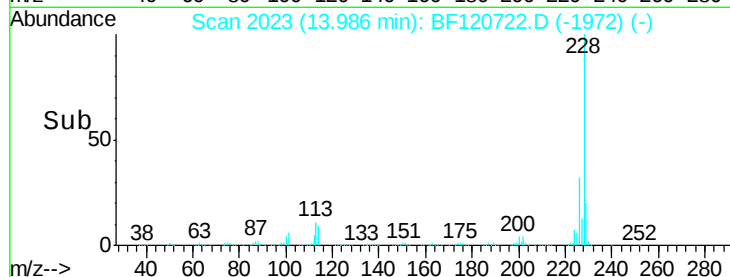
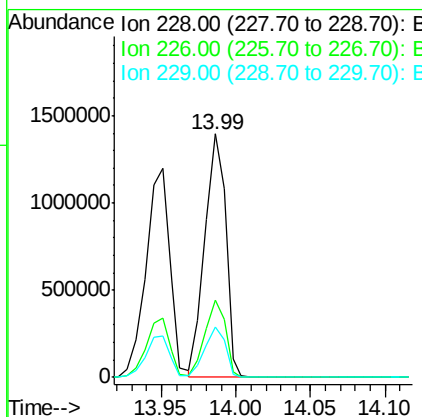
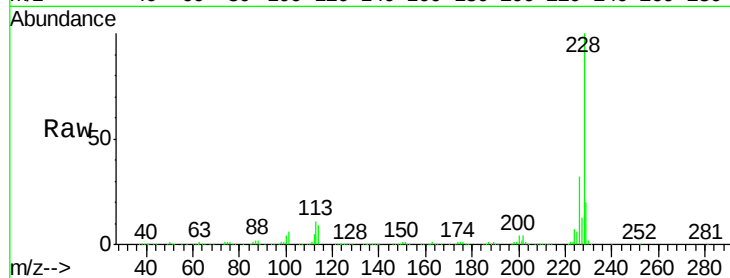
#83
Chrysene
Concen: 46.455 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	20.5	16.1	24.1

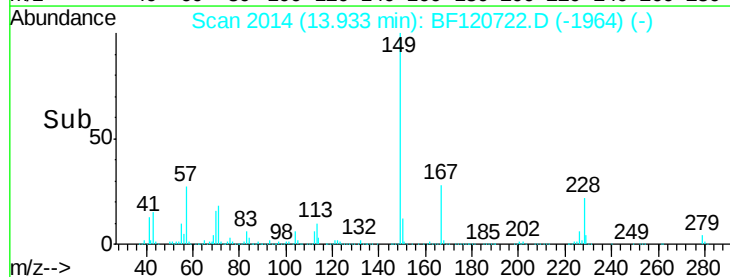
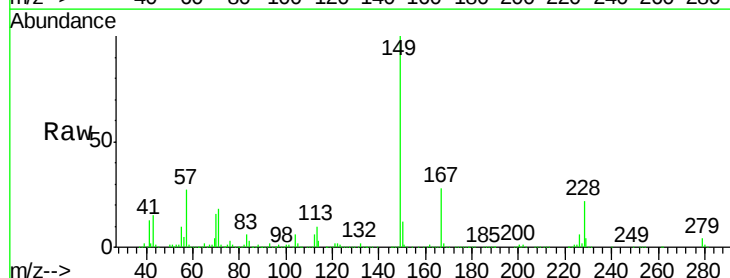
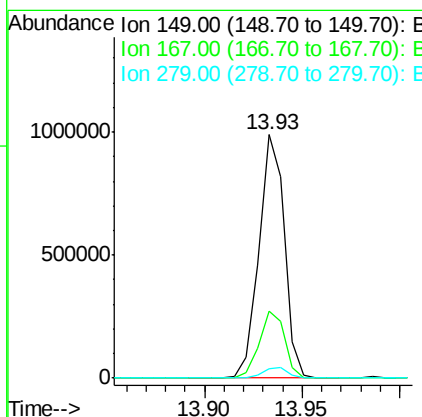
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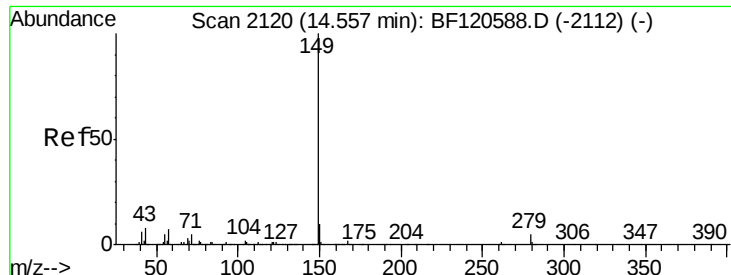
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 49.140 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.0	33.0
279	3.9	3.0	4.6





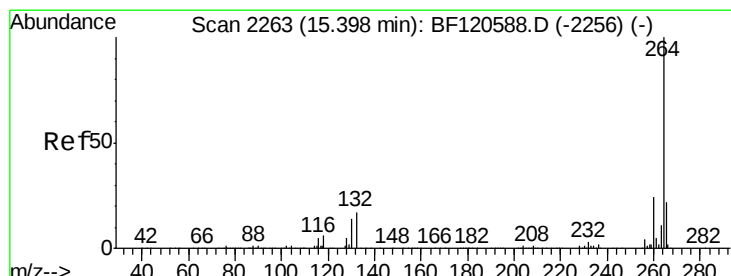
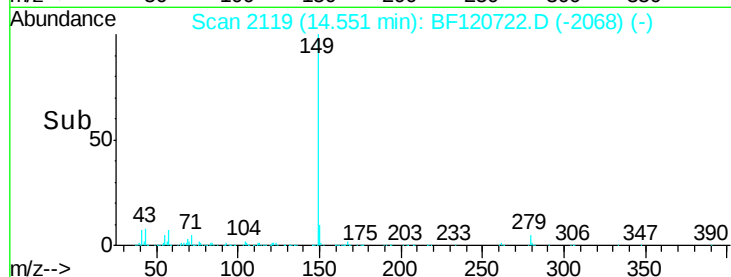
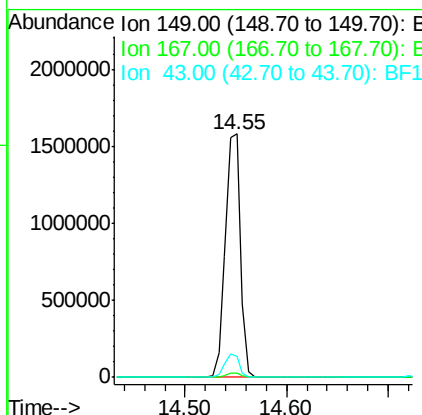
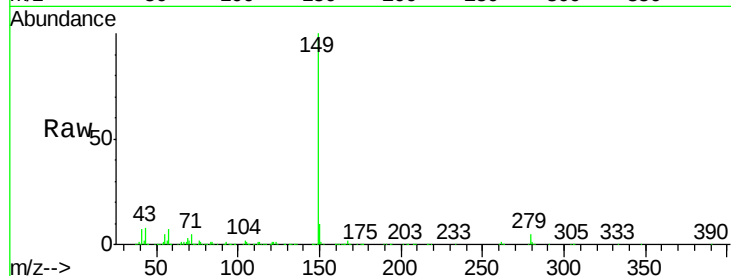
#85
Di-n-octyl phthalate
Concen: 47.175 ng
RT: 14.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.1	7.6	11.4

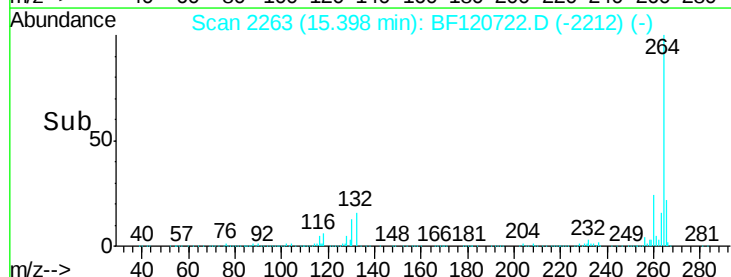
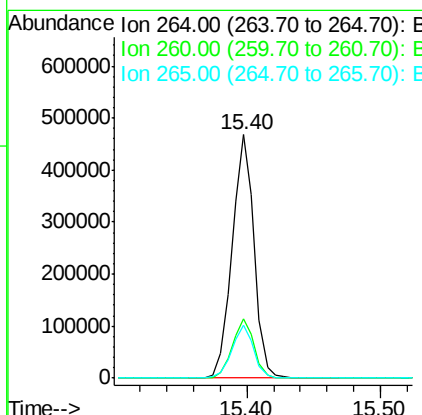
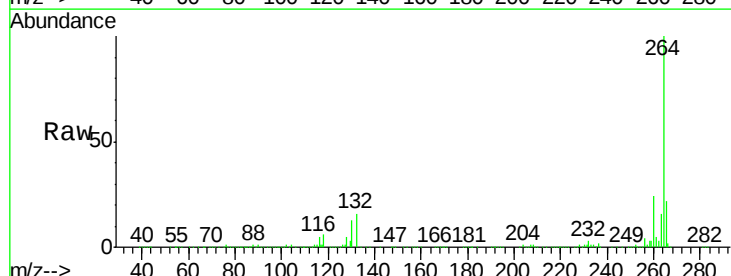
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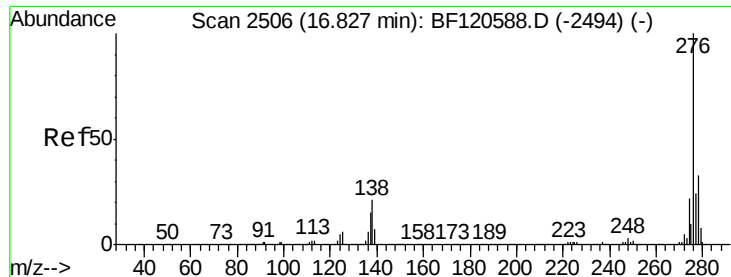
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	22.0	17.8	26.8





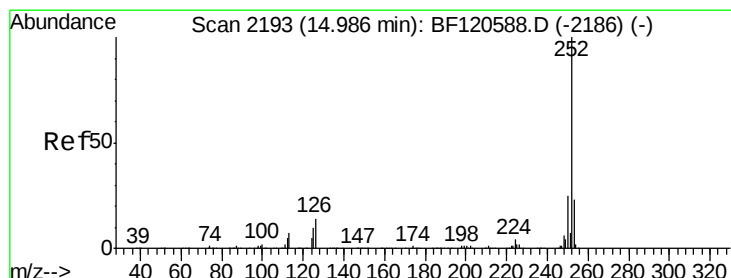
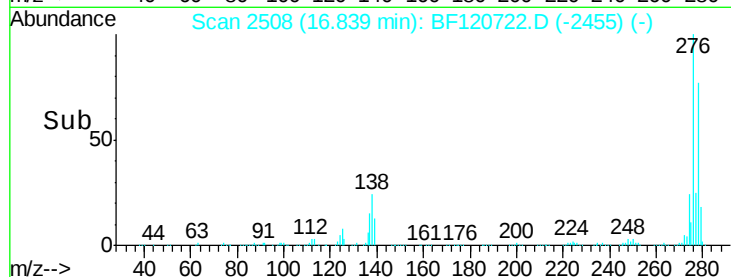
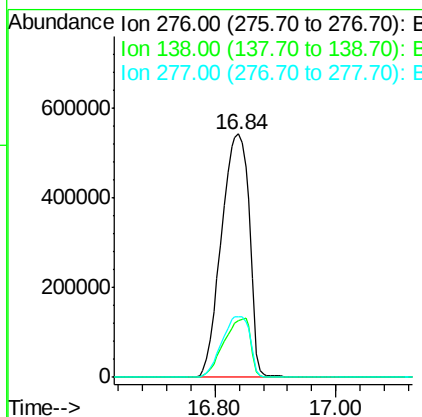
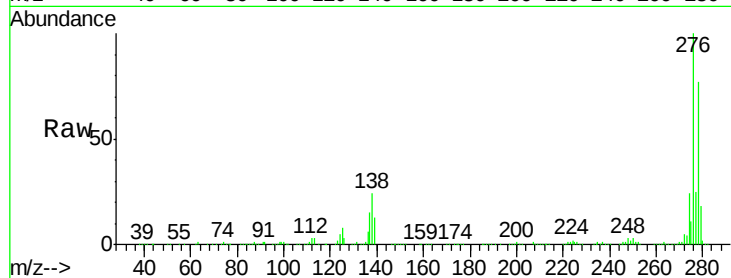
#87
Indeno(1,2,3-cd)pyrene
Concen: 53.565 ng
RT: 16.84 min Scan# 2508
Delta R.T. 0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.4	18.9	28.3
277	25.2	20.2	30.2

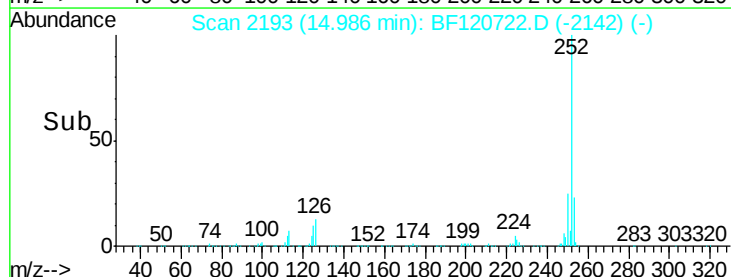
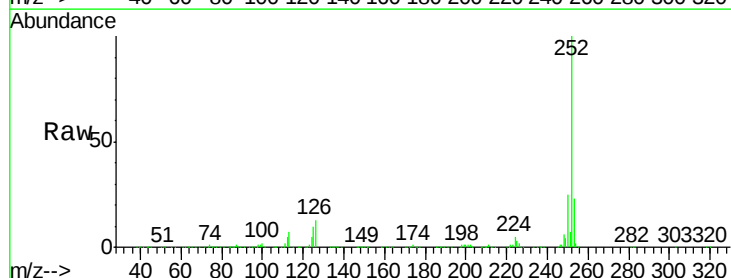
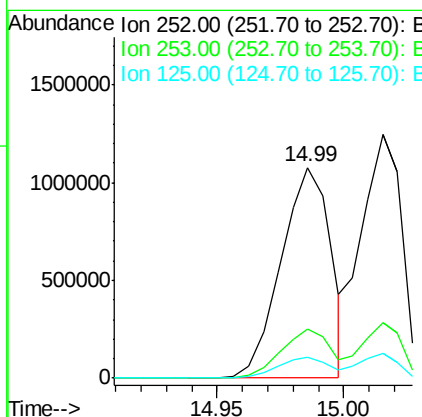
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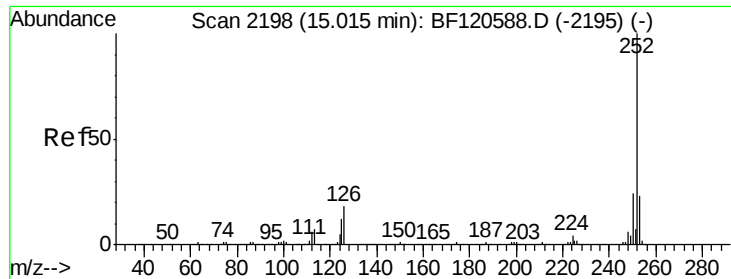
mohammad
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#88
Benzo(b)fluoranthene
Concen: 45.924 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	10.1	8.3	12.5





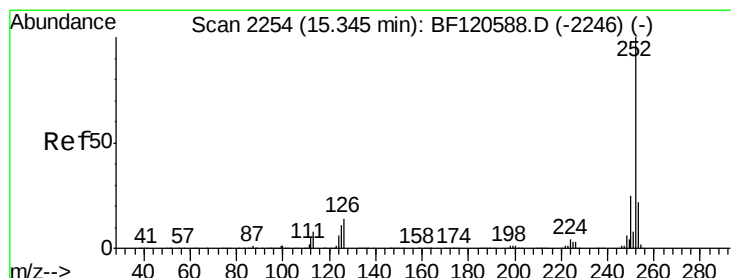
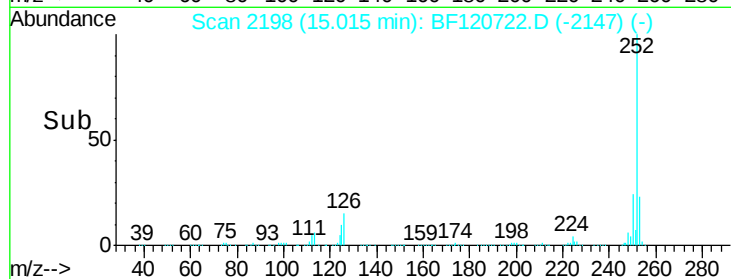
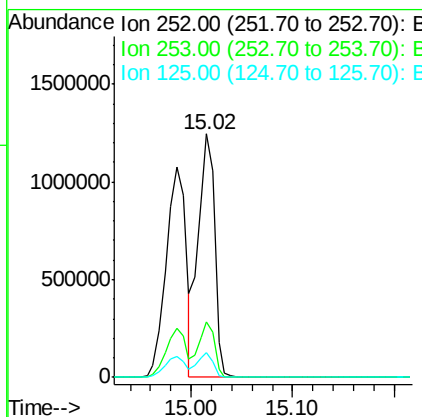
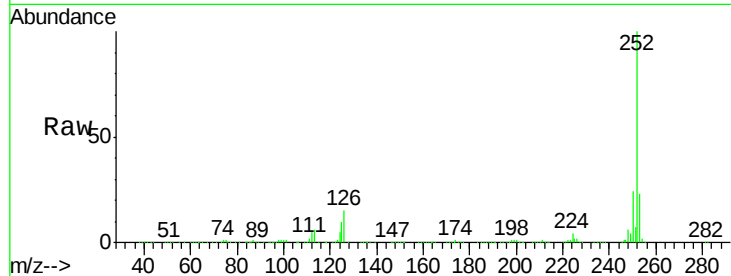
#89
Benzo(k)fluoranthene
Concen: 49.382 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	10.0	8.3	12.5

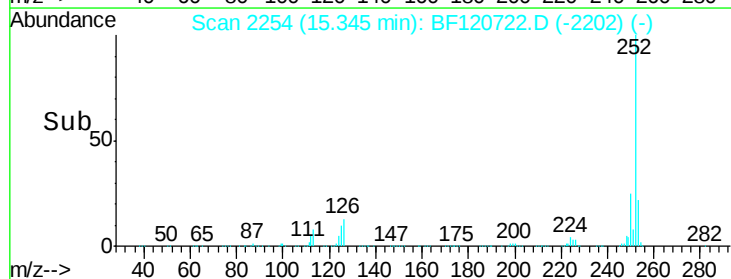
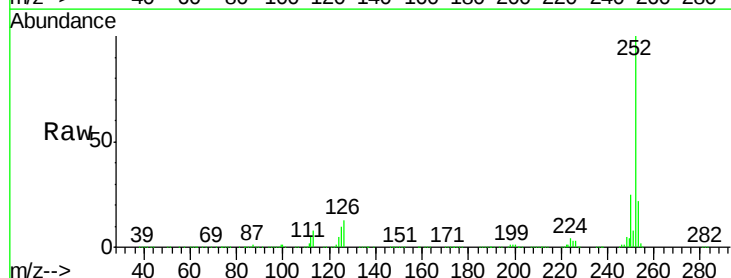
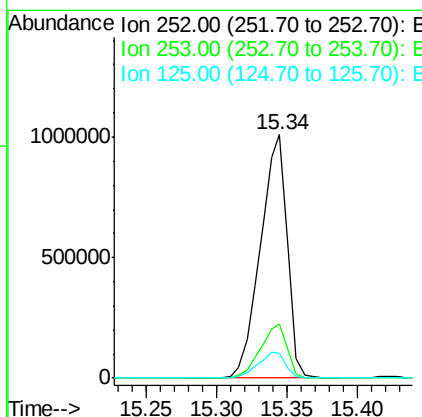
Manual Integrations
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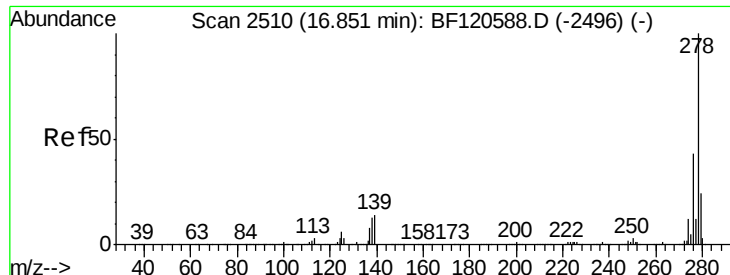
mohammad
6/29/2020 3:18:35 PM



#90
Benzo(a)pyrene
Concen: 47.106 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	10.3	8.6	12.8





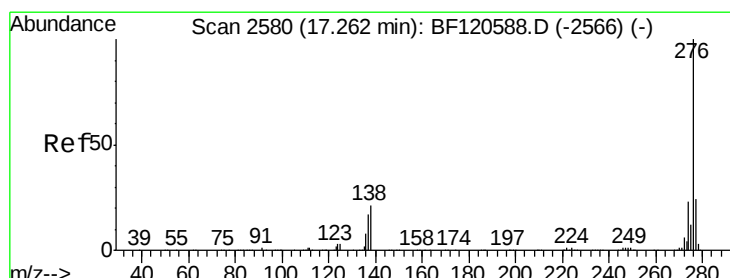
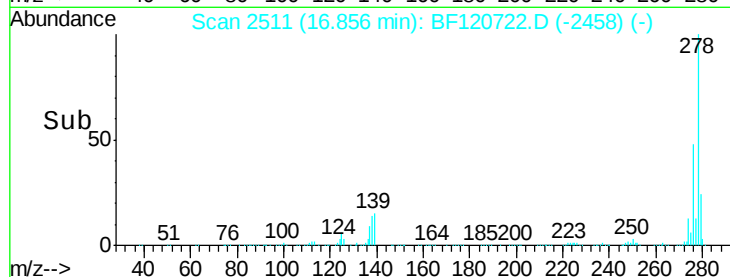
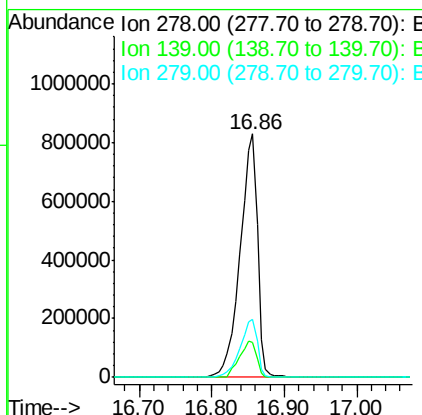
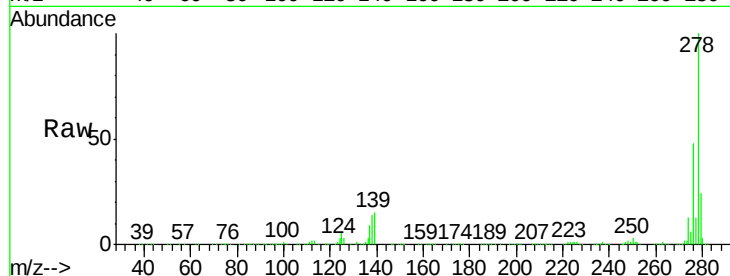
#91
Dibenzo(a,h)anthracene
Concen: 53.001 ng
RT: 16.86 min Scan# 2511
Delta R.T. 0.01 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.4	17.2
279	23.9	19.1	28.7

Manual Integrations
APPROVED

mohammad
6/29/2020 3:18:35 PM



#92
Benzo(g,h,i)perylene
Concen: 56.095 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.02 min
Lab File: BF120722.D
Acq: 26 Jun 2020 21:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.6	29.4
138	19.7	16.5	24.7

