

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
 Data File : BF120743.D
 Acq On : 29 Jun 2020 22:34
 Operator : JU/CG
 Sample : L2810-16MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Manual Integrations
 APPROVED

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 6/30/2020 4:14:56 PM

Quant Time: Jun 30 03:07:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 15:30:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	64611	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	254012	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	254541	20.00	ng	0.01
64) Phenanthrene-d10	11.32	188	274326	20.00	ng	0.01
76) Chrysene-d12	13.97	240	209926	20.00	ng	0.01
86) Perylene-d12	15.41	264	198924	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	516858	137.15	ng	0.09
7) Phenol-d6	6.51	99	568054	121.02	ng	0.08
23) Nitrobenzene-d5	7.37	82	466516	102.66	ng	0.02
42) 2,4,6-Tribromophenol	10.64	330	403904	136.48	ng	0.02
45) 2-Fluorobiphenyl	9.16	172	961470	57.79	ng	0.00
79) Terphenyl-d14	12.91	244	1204868	126.78	ng	0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.67	88	142304	79.671	ng	# 85
3) Pyridine	3.39	79	348472	69.401	ng	97
4) n-Nitrosodimethylamine	3.32	42	178423	85.624	ng	100
6) Aniline	6.47	93	163696	27.251	ng	99
8) 2-Chlorophenol	6.62	128	224541	52.726	ng	97
9) Benzaldehyde	6.35	77	49723	16.748	ng	98
10) Phenol	6.52	94	215841	43.099	ng	94
11) bis(2-Chloroethyl)ether	6.53	93	214984	51.538	ng	99
12) 1,3-Dichlorobenzene	6.74	146	240349	53.088	ng	96
13) 1,4-Dichlorobenzene	6.82	146	246698	55.228	ng	98
14) 1,2-Dichlorobenzene	6.97	146	225449	51.812	ng	98
15) Benzyl Alcohol	6.97	79	186175	55.931	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	271159	45.146	ng	99
17) 2-Methylphenol	7.10	107	174472	48.035	ng	96
18) Hexachloroethane	7.31	117	81236	49.354	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	157897	57.993	ng	98
20) 3+4-Methylphenols	7.26	107	230415	50.766	ng	# 62
22) Acetophenone	7.22	105	315033	55.474	ng	# 90
24) Nitrobenzene	7.39	77	238603	50.174	ng	99
25) Isophorone	7.63	82	421276	47.590	ng	99
26) 2-Nitrophenol	7.70	139	110357	43.865	ng	96
27) 2,4-Dimethylphenol	7.77	122	180676	48.775	ng	95
28) bis(2-Chloroethoxy)methane	7.83	93	265134	51.670	ng	99
29) 2,4-Dichlorophenol	7.97	162	195201	51.841	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	219086	52.503	ng	99
31) Naphthalene	8.10	128	669256	53.657	ng	99
32) Benzoic acid	7.92	122	77387	27.229	ng	92
33) 4-Chloroaniline	8.16	127	134299	23.458	ng	98
34) Hexachlorobutadiene	8.22	225	134182	55.165	ng	99
35) Caprolactam	8.55	113	44840m	37.234	ng	
36) 4-Chloro-3-methylphenol	8.68	107	206479	54.887	ng	92
37) 2-Methylnaphthalene	8.79	142	465220	57.136	ng	97
38) 1-Methylnaphthalene	8.89	142	436387	56.957	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	223135	29.358	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	113568	26.665	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	145744	27.033	nq	100
44) 2,4,5-Trichlorophenol	9.15	196	144422	23.611	nq	97
46) 1,1'-Biphenyl	9.26	154	569323	29.954	nq	99
47) 2-Chloronaphthalene	9.29	162	443512	28.535	nq	97
48) 2-Nitroaniline	9.40	65	135900	27.840	nq	100
49) Acenaphthylene	9.70	152	1308515	54.551	nq	99
50) Dimethylphthalate	9.56	163	944644	51.529	nq	100
51) 2,6-Dinitrotoluene	9.63	165	205127	49.374	nq	99
52) Acenaphthene	9.87	154	703121	49.149	nq	98
53) 3-Nitroaniline	9.81	138	177346	35.540	nq	95
54) 2,4-Dinitrophenol	9.92	184	67034	29.514	nq	93
55) Dibenzofuran	10.05	168	1041341	47.473	nq	97
56) 4-Nitrophenol	10.03	139	286068m	76.117	nq	
57) 2,4-Dinitrotoluene	10.03	165	251366	45.596	nq	# 79
58) Fluorene	10.39	166	1009974	59.727	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	228385	47.460	nq	96
60) Diethylphthalate	10.26	149	909304	50.363	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	493464	56.509	nq	93
62) 4-Nitroaniline	10.43	138	284708	57.471	nq	96
63) Azobenzene	10.54	77	996655	60.812	nq	99
65) 4,6-Dinitro-2-methylphenol	10.44	198	91065	55.323	nq	95
66) n-Nitrosodiphenylamine	10.50	169	938425	111.395	nq	98
67) 4-Bromophenyl-phenylether	10.87	248	276382	88.772	nq	95
68) Hexachlorobenzene	10.94	284	309411	92.434	nq	# 90
69) Atrazine	11.03	200	236795	90.834	nq	97
70) Pentachlorophenol	11.14	266	193926	104.205	nq	97
71) Phenanthrene	11.35	178	741684	54.389	nq	99
72) Anthracene	11.40	178	767975	55.871	nq	99
73) Carbazole	11.57	167	691817	50.844	nq	99
74) Di-n-butylphthalate	11.89	149	884852	57.844	nq	99
75) Fluoranthene	12.54	202	823306	52.806	nq	99
77) Benzidine	12.66	184	236215	33.272	nq	98
78) Pyrene	12.77	202	809124	54.408	nq	99
80) Butylbenzylphthalate	13.39	149	379123	57.412	nq	99
81) Benzo(a)anthracene	13.96	228	708075	56.142	nq	98
82) 3,3'-Dichlorobenzidine	13.92	252	226113	46.937	nq	99
83) Chrysene	14.00	228	686712	53.081	nq	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	537365	66.678	nq	98
85) Di-n-octyl phthalate	14.55	149	892208	58.009	nq	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	632875	52.303	nq	98
88) Benzo(b)fluoranthene	15.00	252	667902	56.366	nq	98
89) Benzo(k)fluoranthene	15.03	252	633735	60.441	nq	99
90) Benzo(a)pyrene	15.36	252	574868	54.208	nq	98
91) Dibenzo(a,h)anthracene	16.87	278	535432	55.181	nq	98
92) Benzo(g,h,i)perylene	17.29	276	499858	51.108	nq	95

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

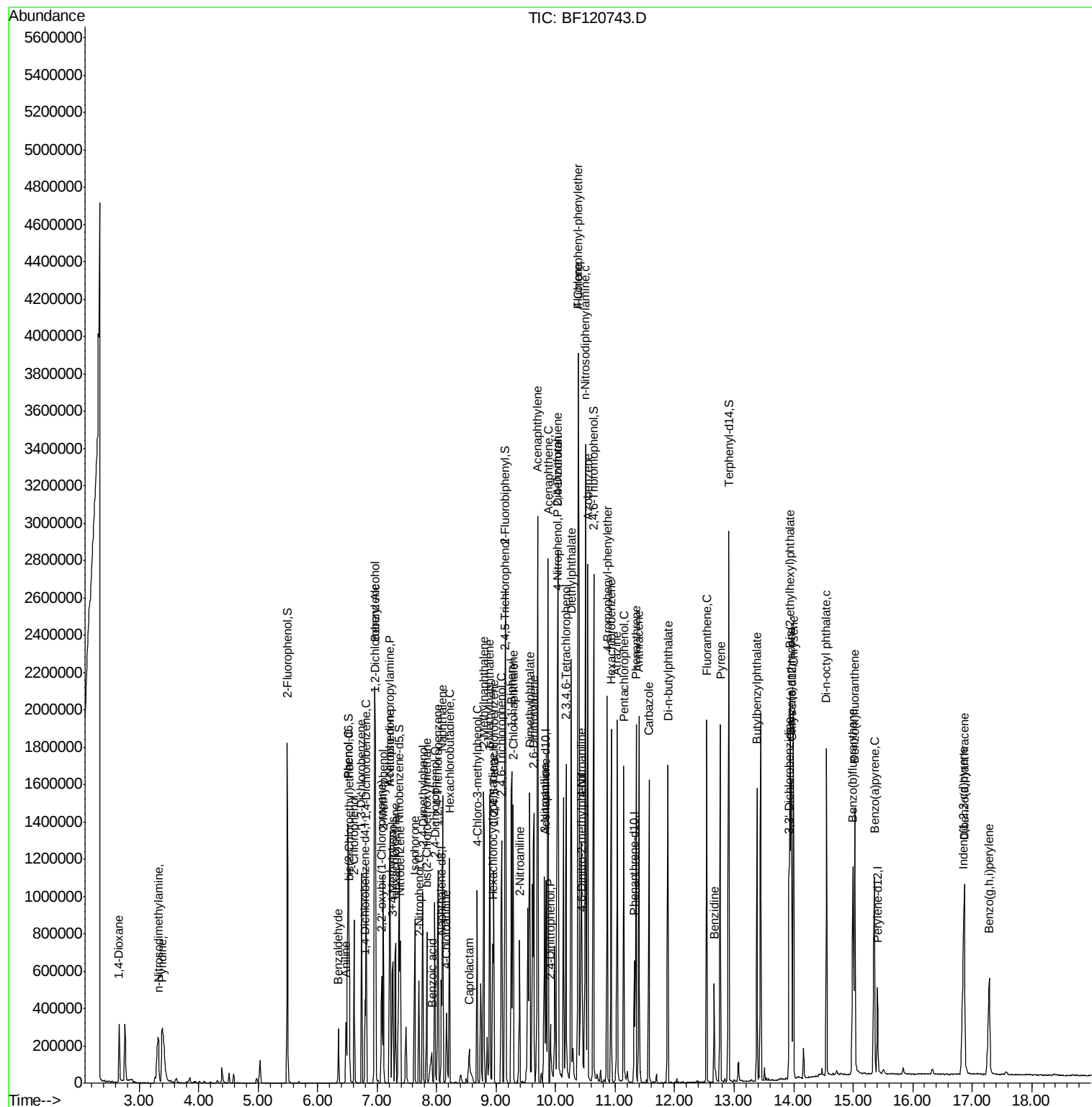
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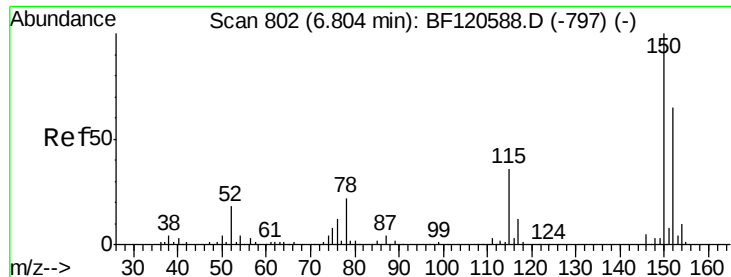
Instrument :
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#1

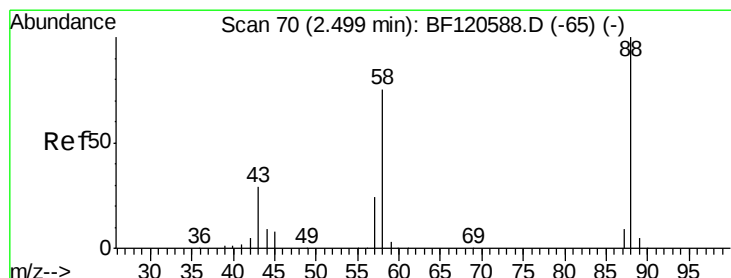
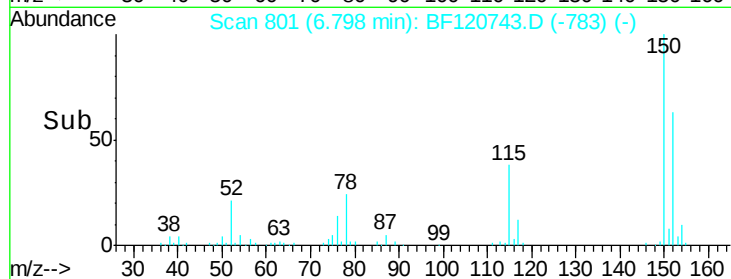
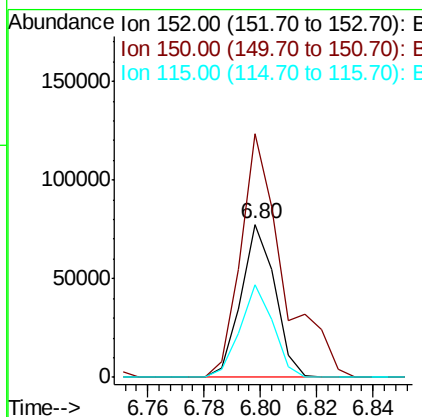
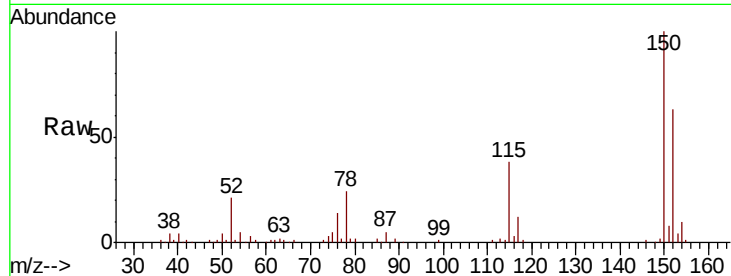
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	187.0
115	60.0	44.2	66.4

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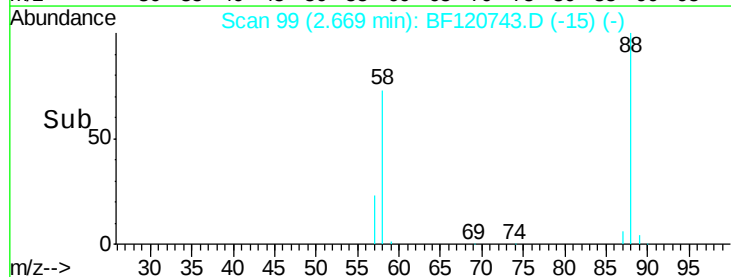
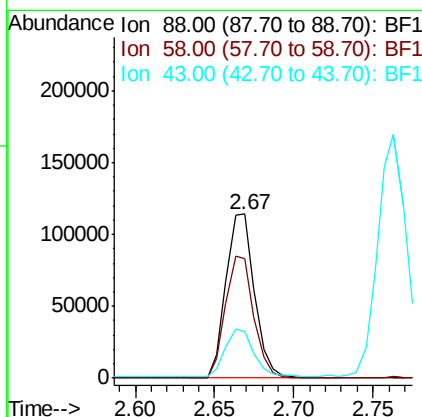
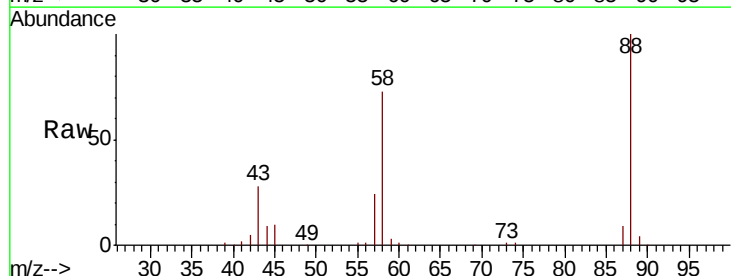
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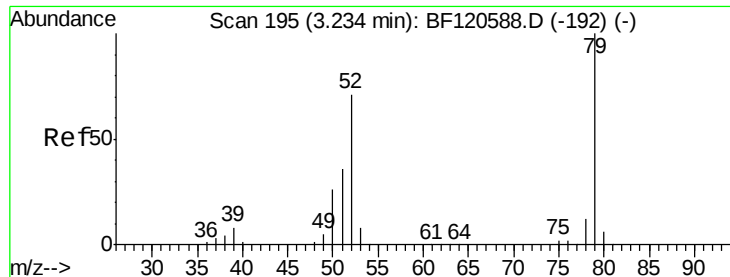


#2

1,4-Dioxane
Concen: 79.671 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.19 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.1	58.5	87.7
43	0.0	21.8	32.8





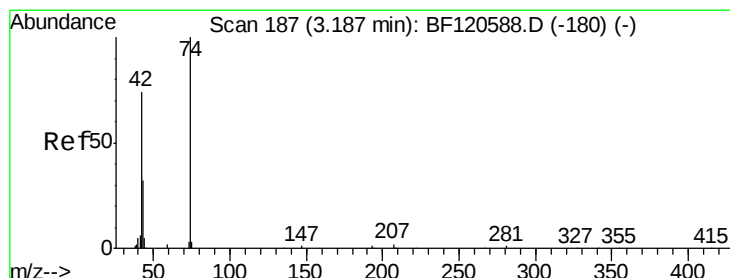
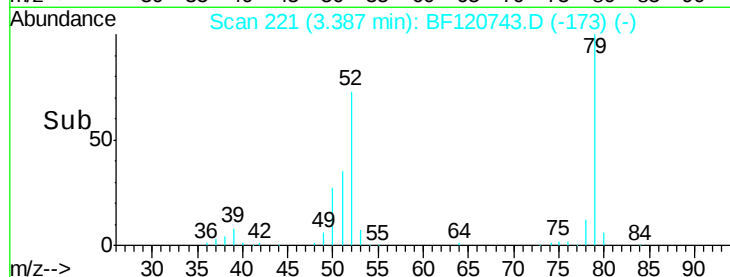
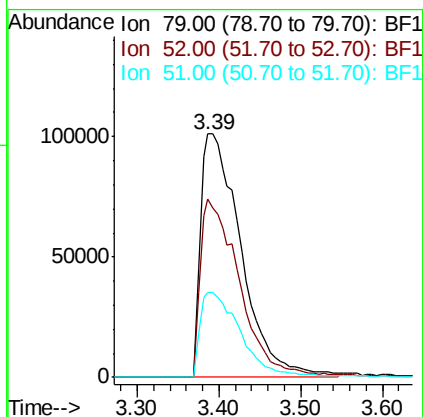
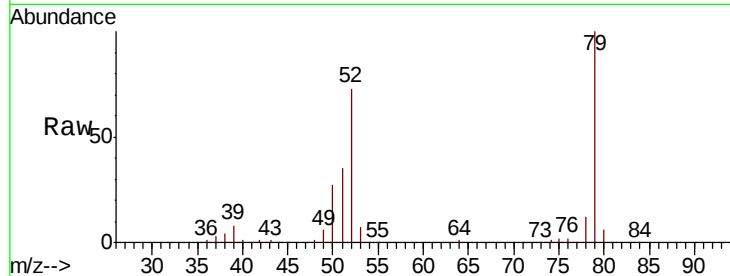
#3
 Pvridine
 Concen: 69.401 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.18 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Instrument :
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 ClientSampleId :
 CL-01-062420MS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	73.2	56.6	84.8	
51	35.0	27.4	41.0	

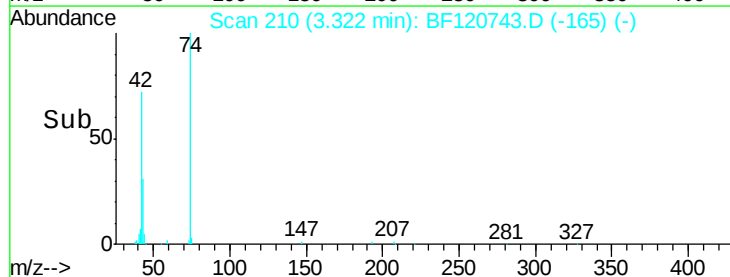
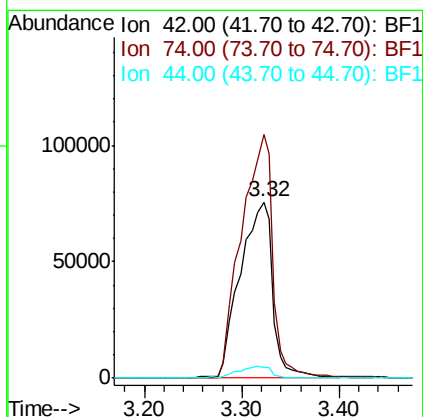
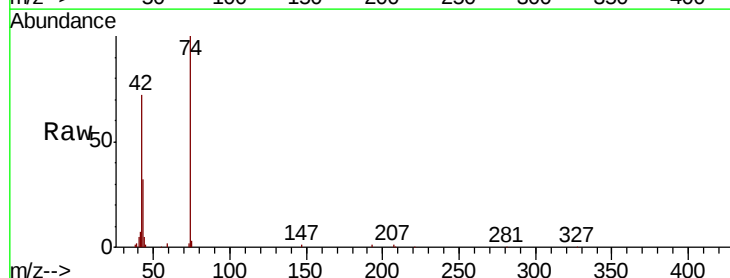
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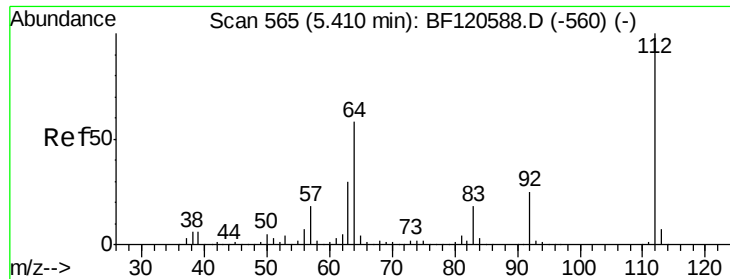
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#4
 n-Nitrosodimethylamine
 Concen: 85.624 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.16 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	138.3	110.7	166.1	
44	6.3	5.6	8.4	





#5

2-Fluorophenol

Concen: 137.148 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.09 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

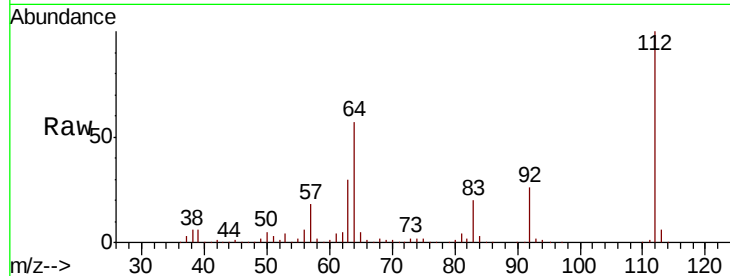
ClientSampleId :

CL-01-062420MS

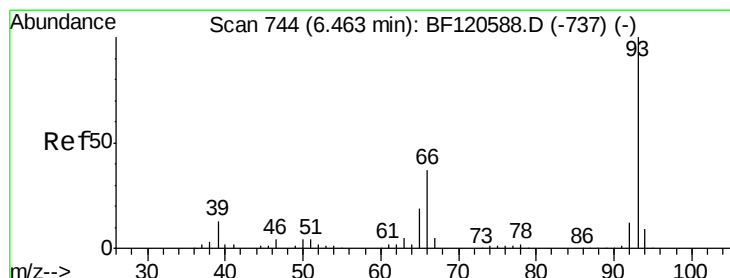
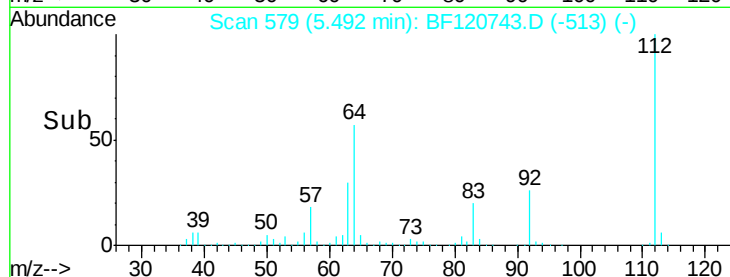
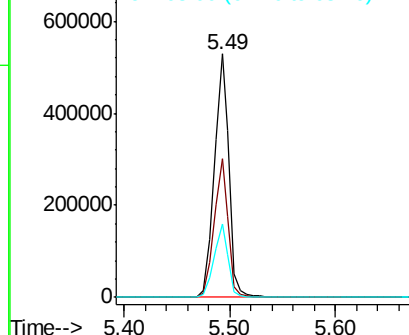
Tot Ion:	112	Resp:	516858
Ion Ratio	Lower	Upper	
112	100		
64	57.0	42.2	63.2
63	30.4	21.7	32.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.251 ng

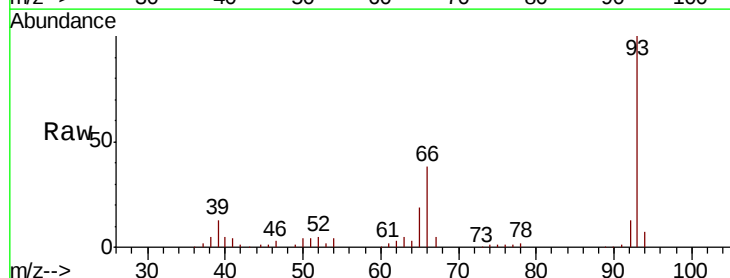
RT: 6.47 min Scan# 746

Delta R.T. 0.02 min

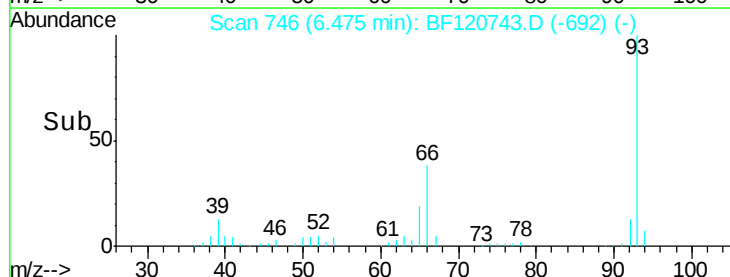
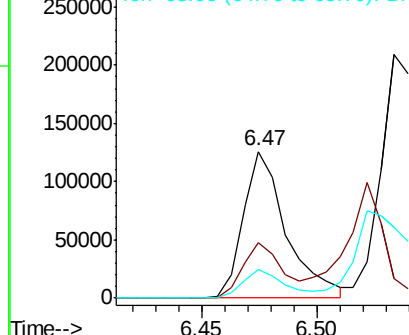
Lab File: BF120743.D

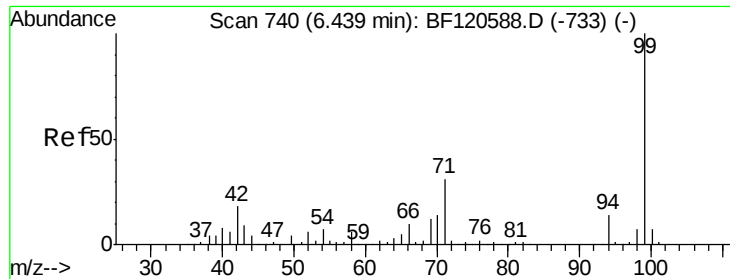
Acq: 29 Jun 2020 22:34

Tgt Ion:	93	Resp:	163696
Ion Ratio	Lower	Upper	
93	100		
66	38.1	29.5	44.3
65	19.3	15.5	23.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.022 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.08 min

Lab File: BF120743.D

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Instrument :

BNA_F

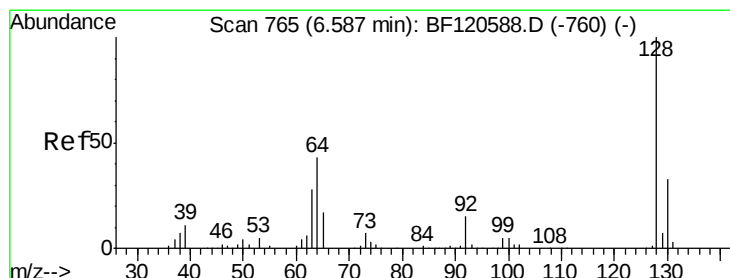
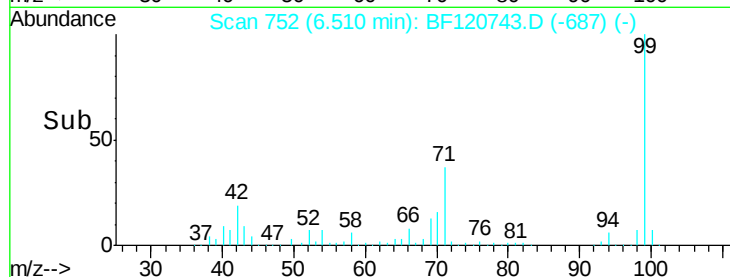
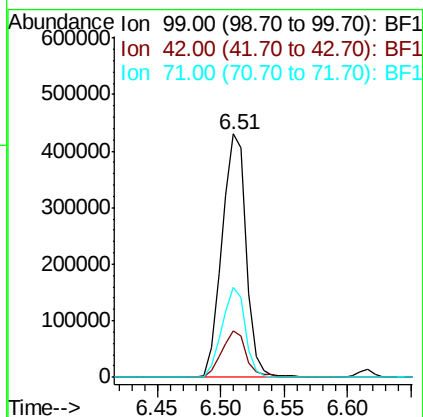
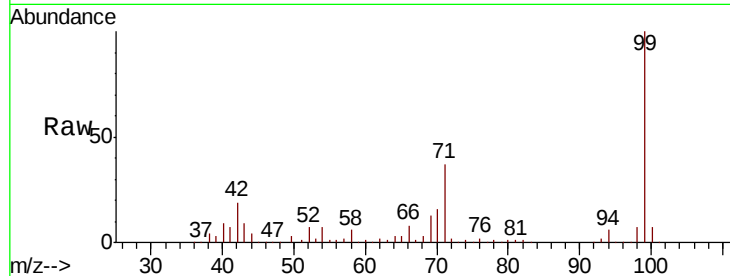
ClientSampleId :

CL-01-062420MS

Tot Ion:	99	Resp:	568054
Ion Ratio	Lower	Upper	
99	100		
42	19.1	14.2	21.4
71	37.0	25.4	38.2

Manual Integrations
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#8

2-Chlorophenol

Concen: 52.726 ng

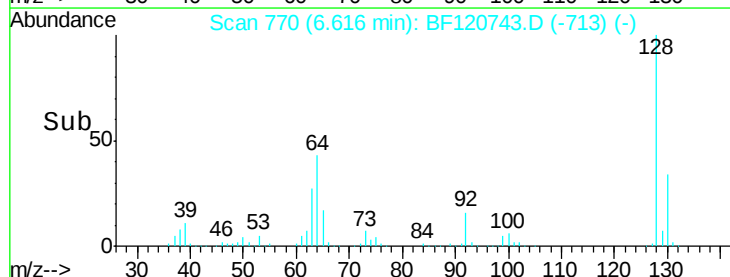
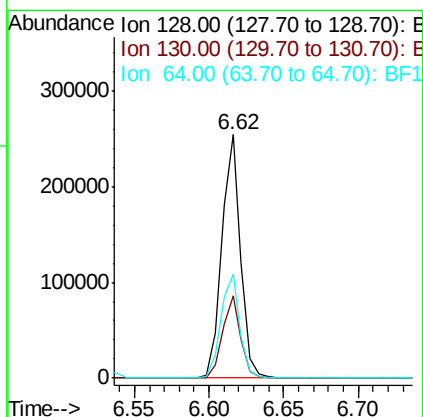
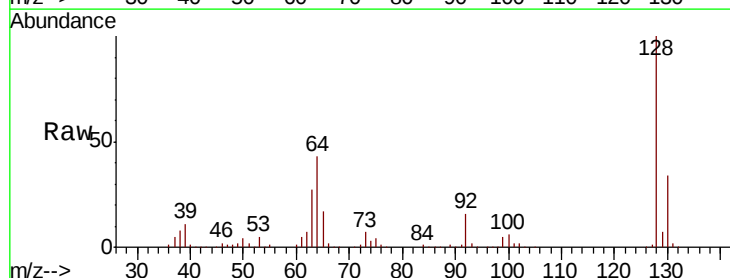
RT: 6.62 min Scan# 770

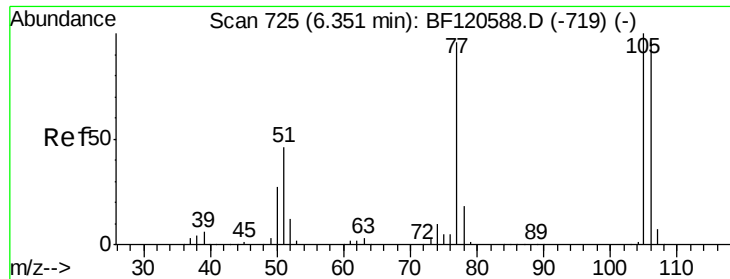
Delta R.T. 0.04 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Tgt Ion:	128	Resp:	224541
Ion Ratio	Lower	Upper	
128	100		
130	33.6	13.3	53.3
64	42.8	19.2	59.2





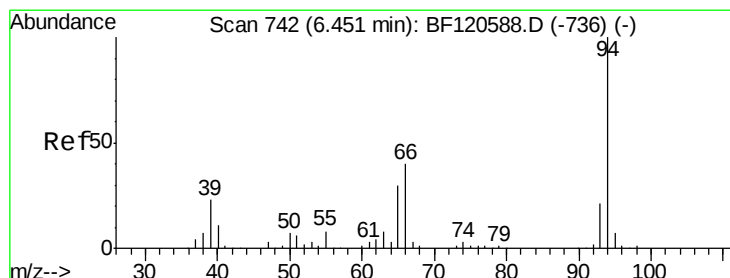
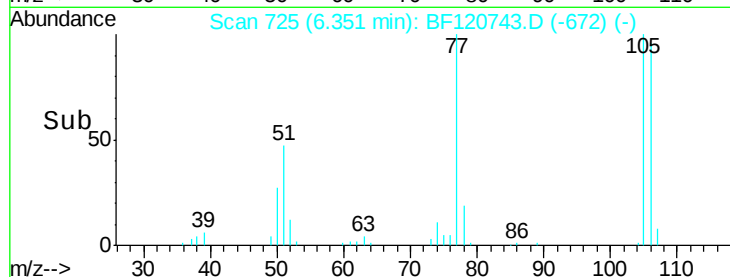
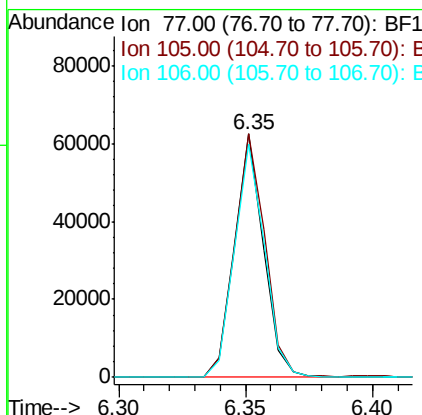
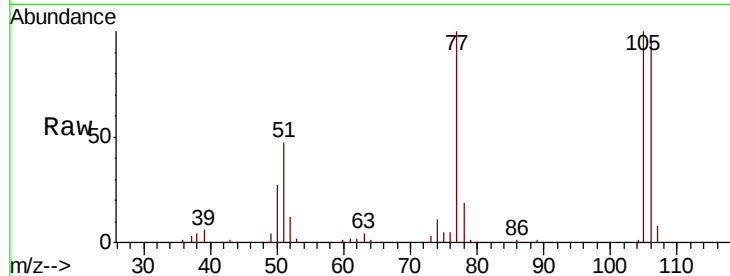
#9
Benzaldehyde
Concen: 16.748 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Instrument :
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CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.9	80.8	120.8
106	95.7	78.1	118.1

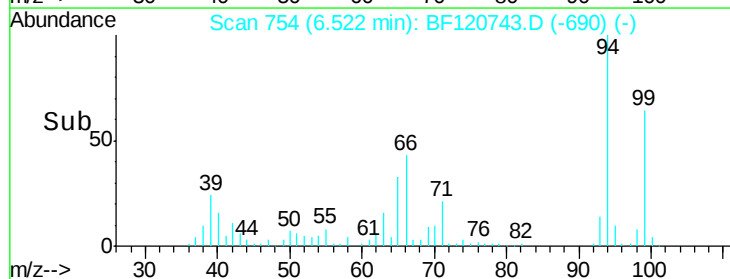
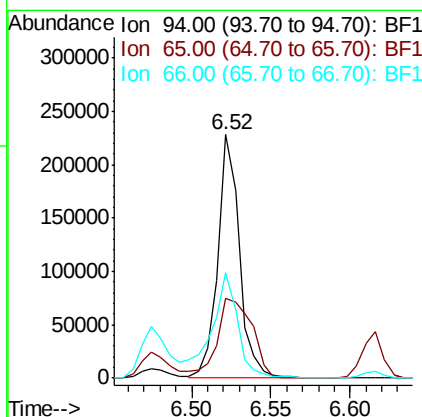
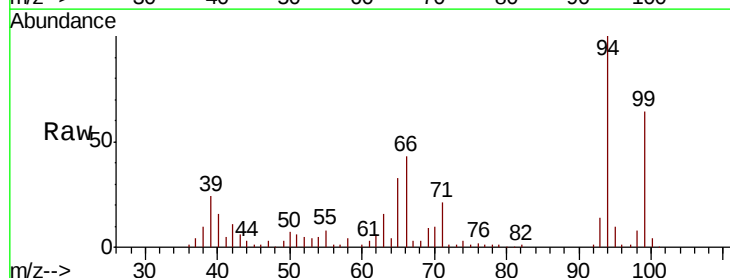
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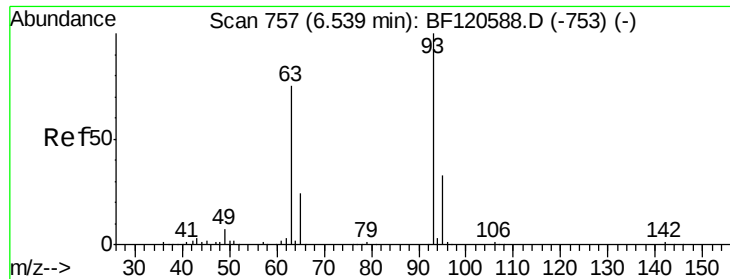
mohammad
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#10
Phenol
Concen: 43.099 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.08 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.8	13.6	53.6
66	43.3	29.2	69.2





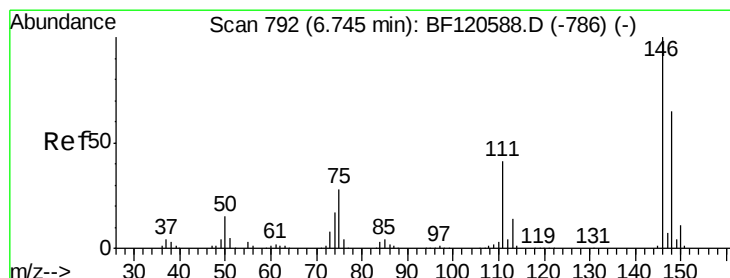
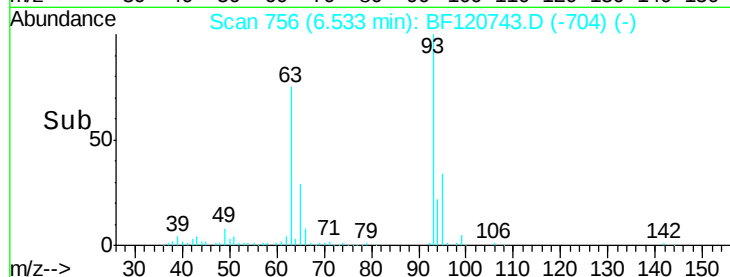
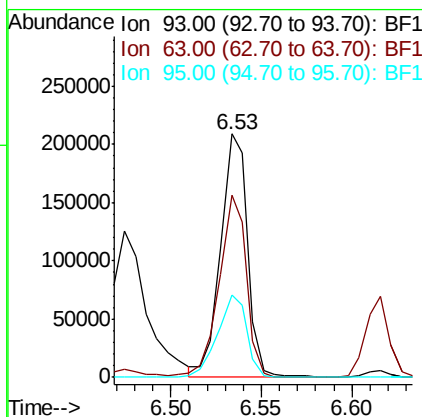
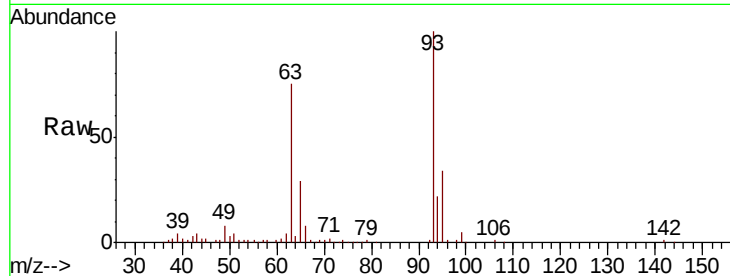
#11
bis(2-Chloroethyl)ether
Concen: 51.538 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion:	93	Resp:	214984
Ion	Ratio	Lower	Upper
93	100		
63	74.6	54.8	94.8
95	33.6	12.1	52.1

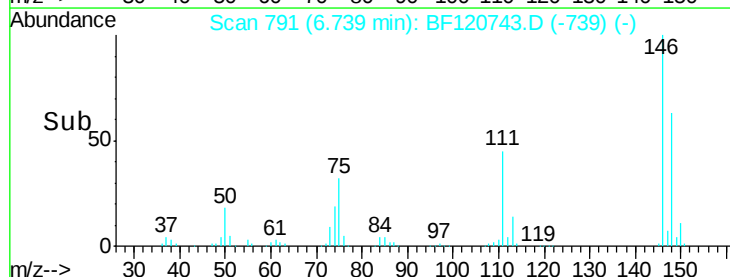
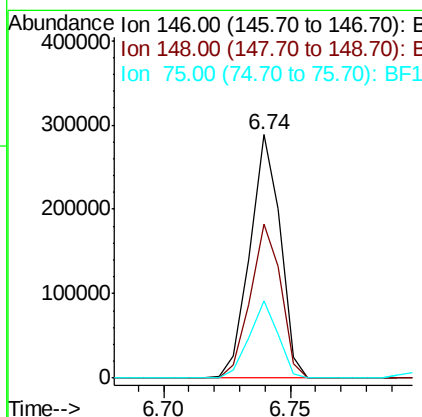
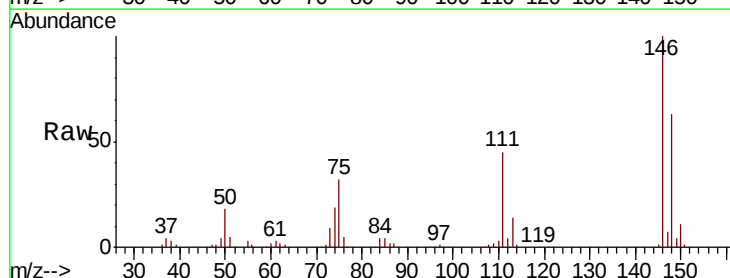
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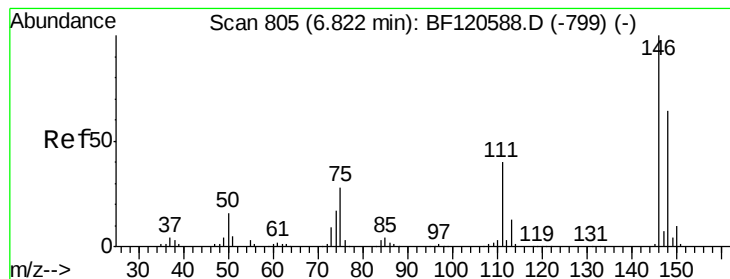
mohammad
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#12
1,3-Dichlorobenzene
Concen: 53.088 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion:	146	Resp:	240349
Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.1	76.7
75	31.9	21.5	32.3





#13

1,4-Dichlorobenzene

Concen: 55.228 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

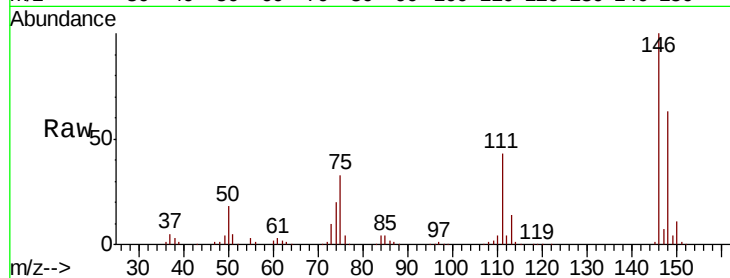
ClientSampleId :

CL-01-062420MS

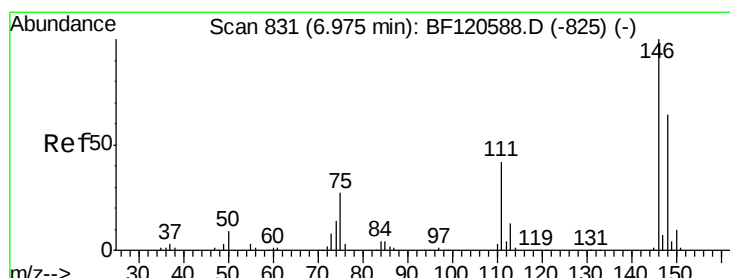
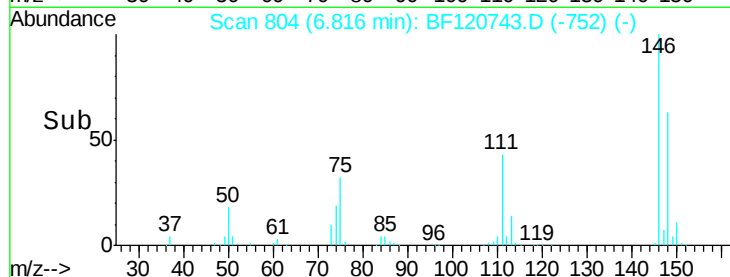
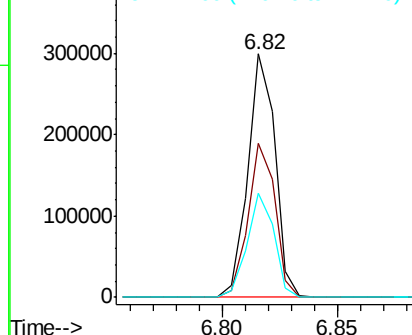
Tot Ion:	146	Resp:	246698
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.4	77.0
111	42.6	32.2	48.2

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



#14

1,2-Dichlorobenzene

Concen: 51.812 ng

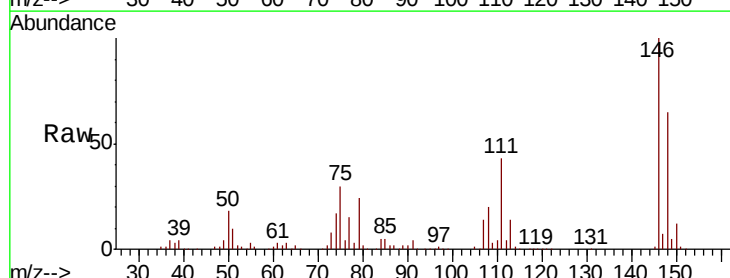
RT: 6.97 min Scan# 831

Delta R.T. 0.01 min

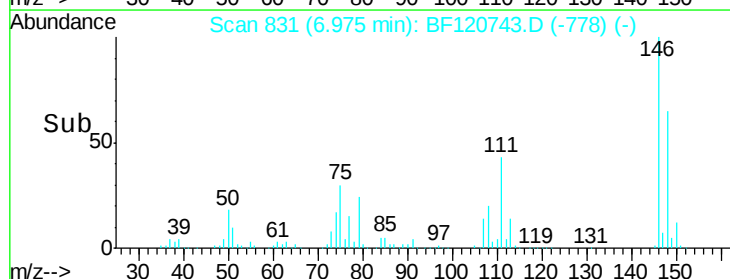
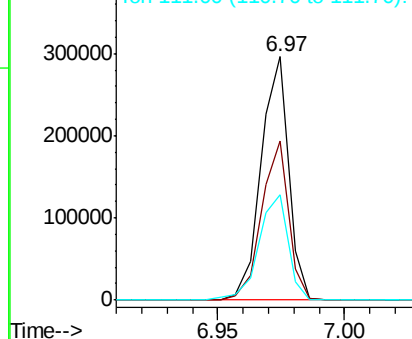
Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Tgt Ion:	146	Resp:	225449
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.0	76.6
111	43.2	33.6	50.4



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





#15

Benzyl Alcohol

Concen: 55.931 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.04 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

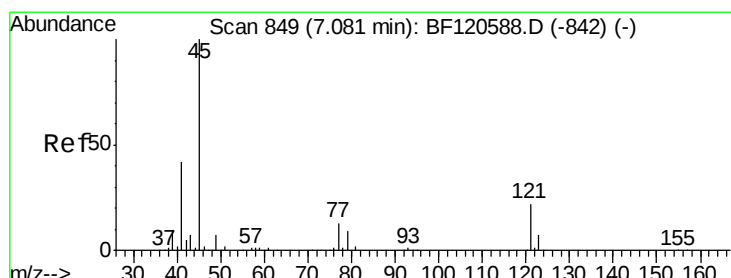
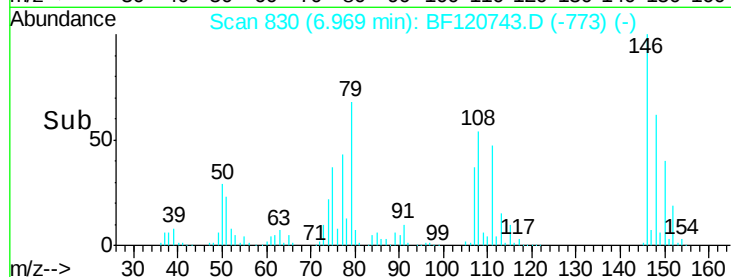
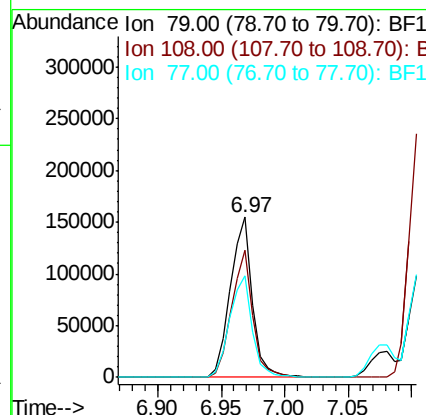
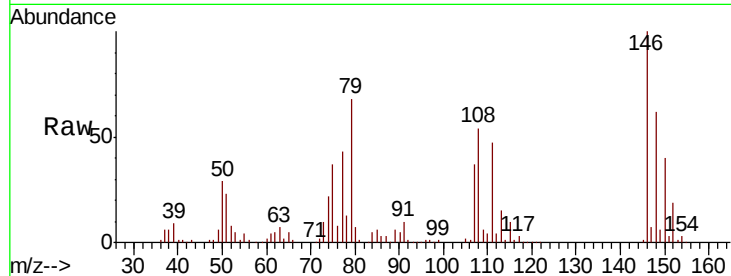
ClientSampleId :

CL-01-062420MS

Tot Ion	79	Resp	186175
Ion Ratio	Lower	Upper	
79	100		
108	79.4	66.1	99.1
77	63.6	49.8	74.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.146 ng

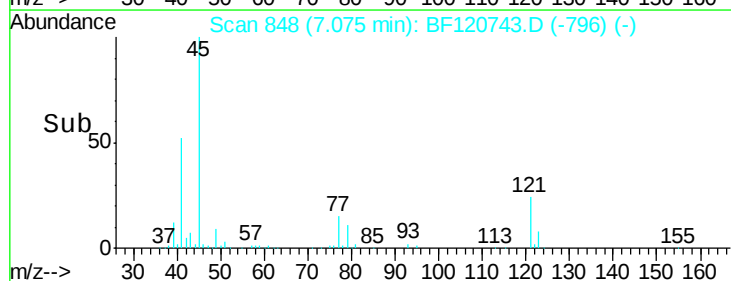
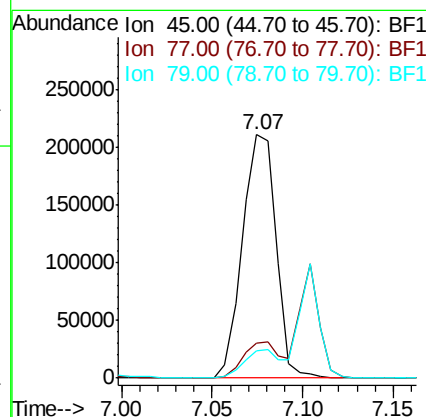
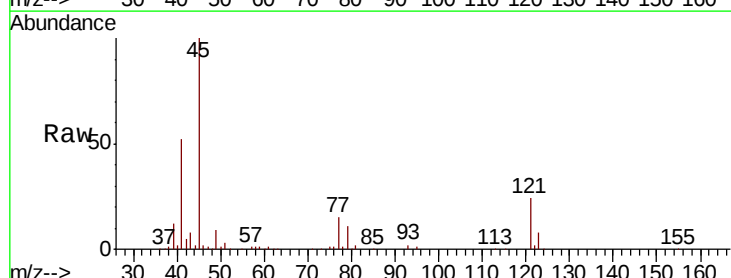
RT: 7.07 min Scan# 848

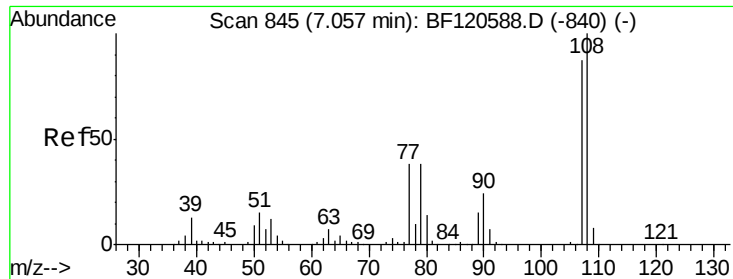
Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Tgt Ion	45	Resp	271159
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	34.9
79	11.2	0.0	31.4





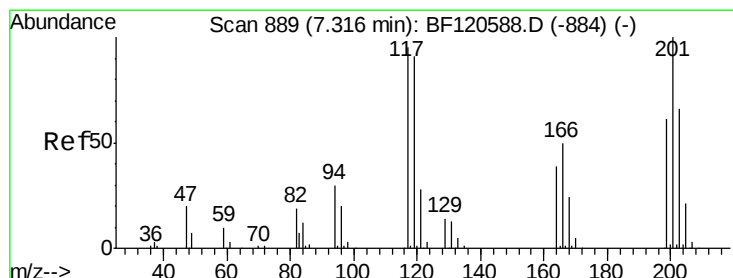
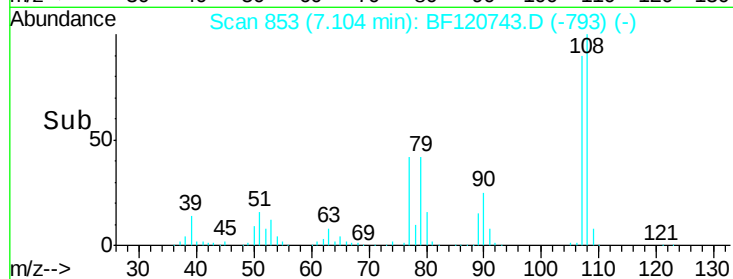
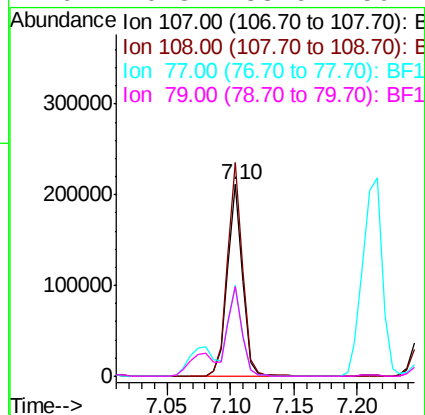
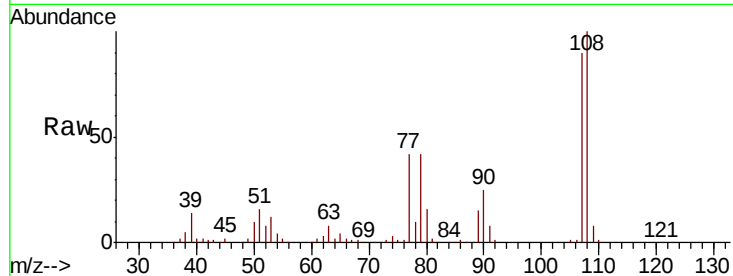
#17
2-Methylphenol
Concen: 48.035 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.05 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.6	90.7	136.1	
77	47.2	35.0	52.4	
79	46.8	33.6	50.4	

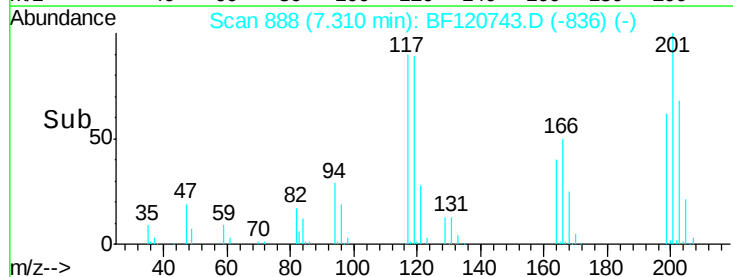
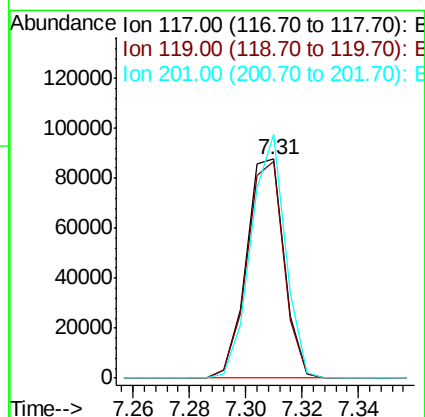
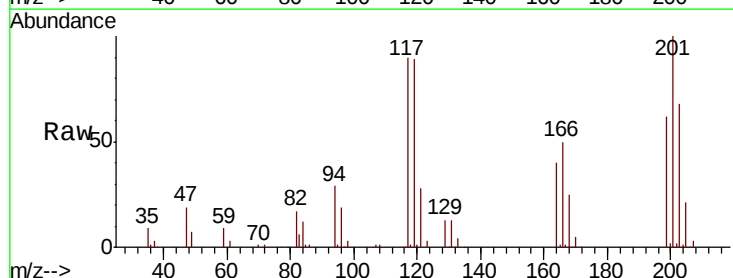
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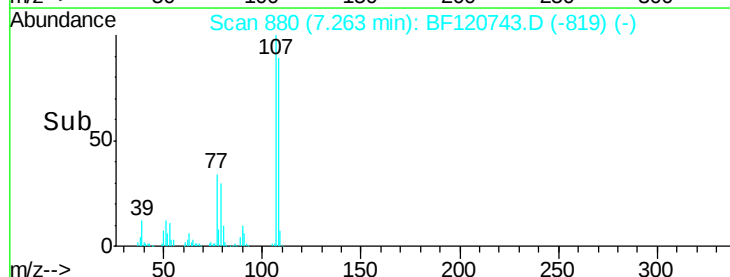
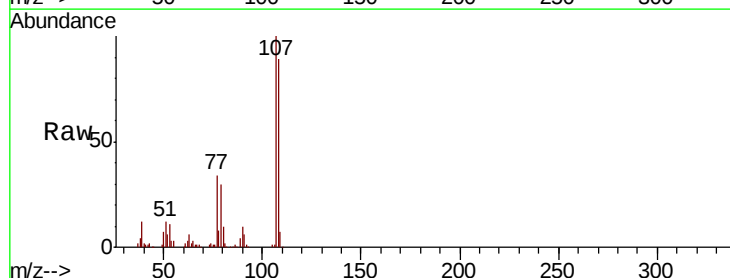
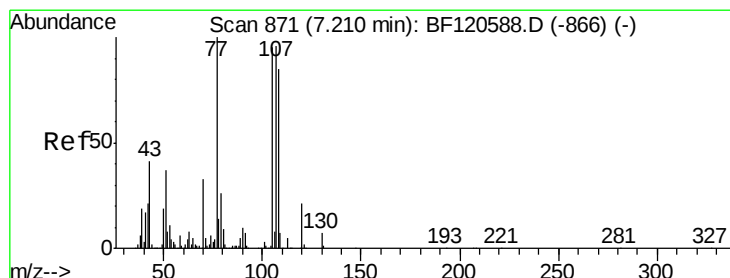
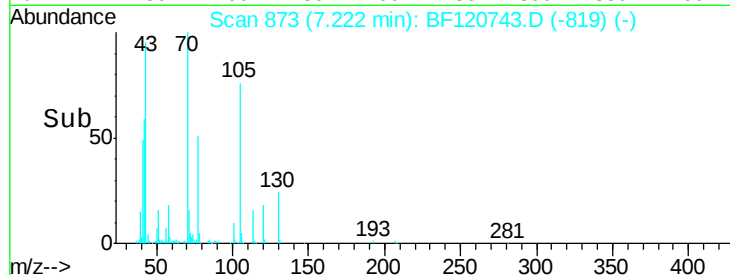
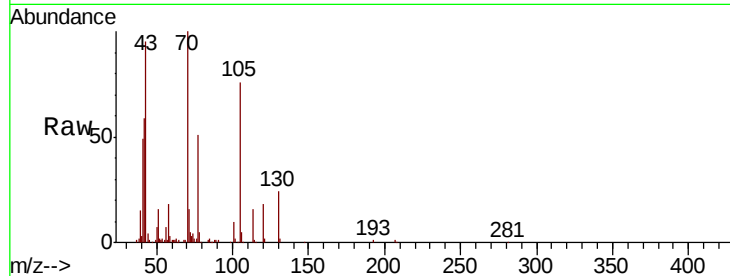
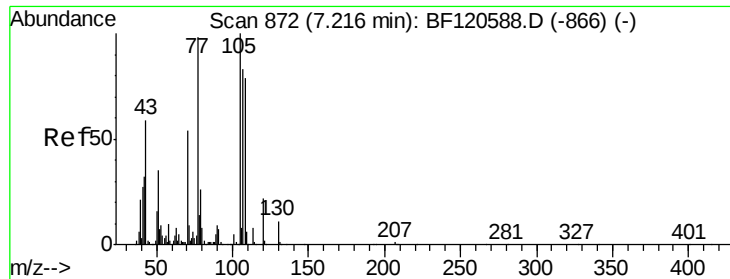
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#18
Hexachloroethane
Concen: 49.354 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

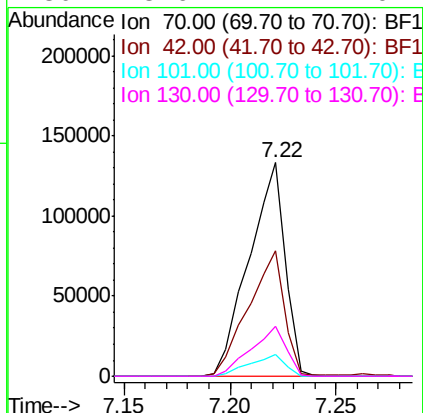
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.0	77.1	115.7	
201	111.2	86.4	129.6	





#19
n-Nitroso-di-n-propylamine
Concen: 57.993 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.02 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.7	47.6	71.4
101	10.5	7.6	11.4
130	23.6	17.4	26.2



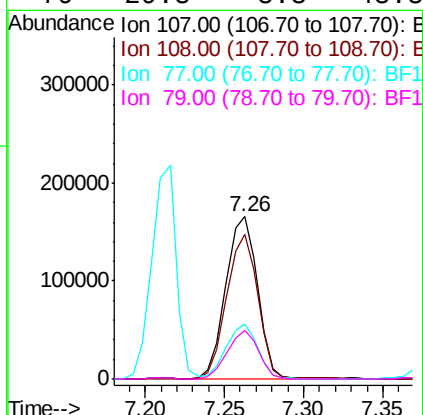
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

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#20
3+4-Methylphenols
Concen: 50.766 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.06 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	70.9	110.9
77	33.8	95.7	135.7#
79	29.8	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

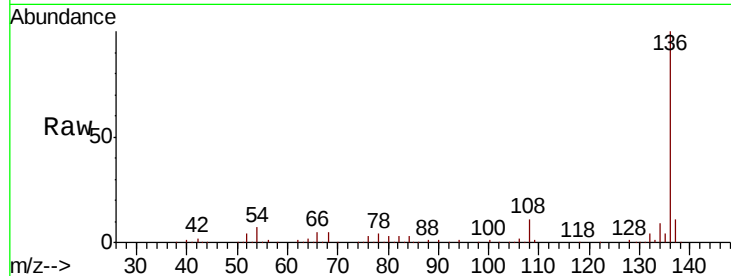
ClientSampleId :

CL-01-062420MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		254012		
137	10.9	8.6	12.8		
54	6.7	5.3	7.9		
68	4.7	4.3	6.5		

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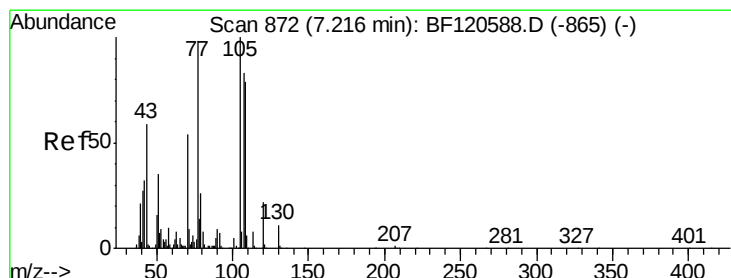
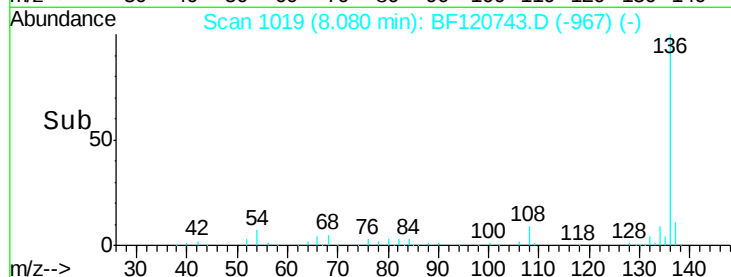
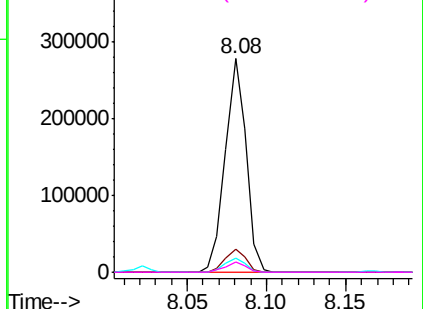
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 55.474 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		315033		
71	5.8	6.6	9.8#		
51	24.7	27.4	41.0#		
120	21.8	18.1	27.1		

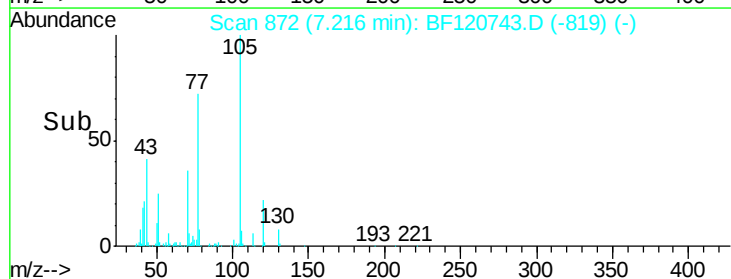
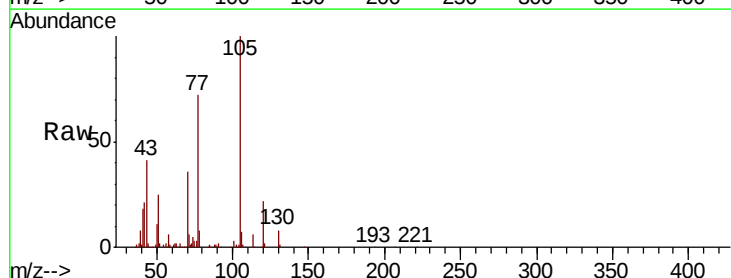
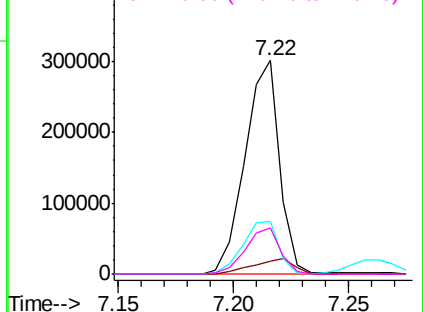
Abundance

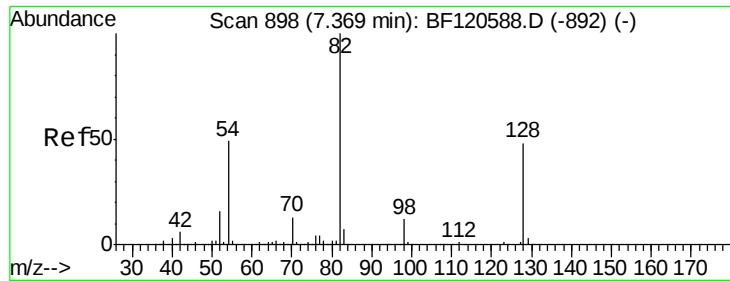
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





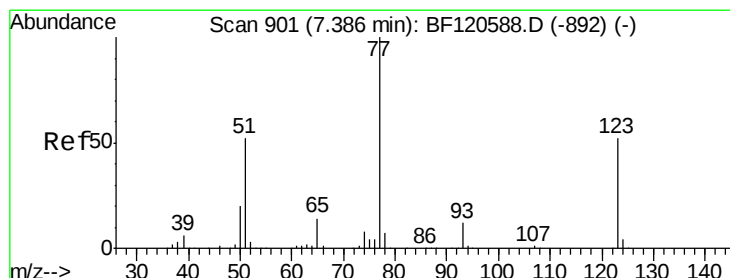
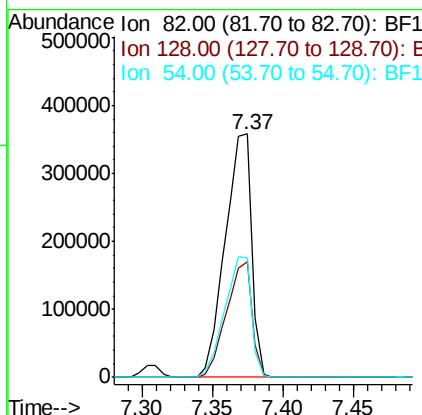
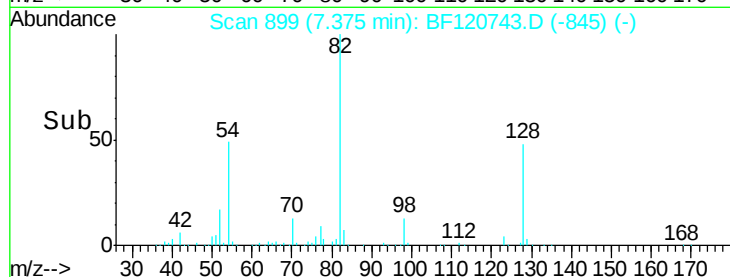
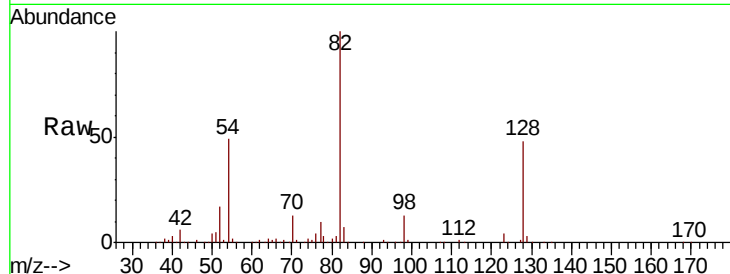
#23
 Nitrobenzene-d5
 Concen: 102.659 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.02 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	466516		
128	47.7	38.1	57.1	
54	49.1	38.8	58.2	

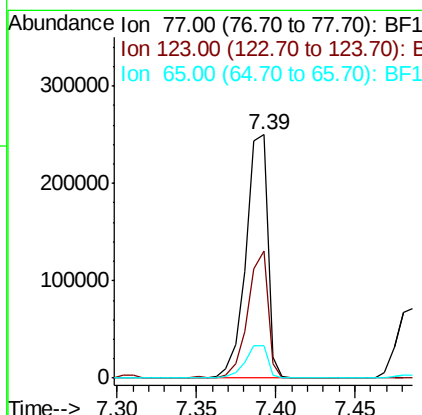
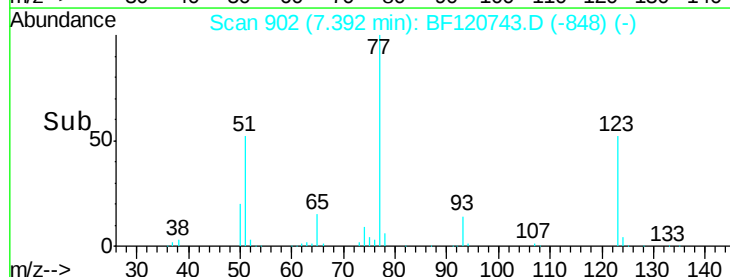
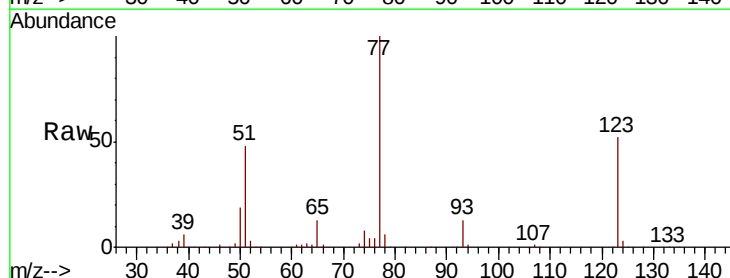
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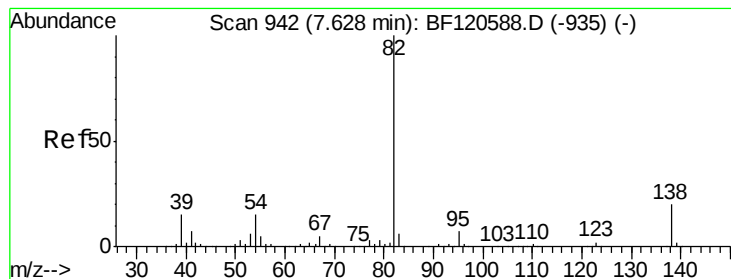
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#24
 Nitrobenzene
 Concen: 50.174 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.02 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	238603		
123	52.3	41.5	62.3	
65	13.1	10.9	16.3	





#25

Isophorone

Concen: 47.590 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.02 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

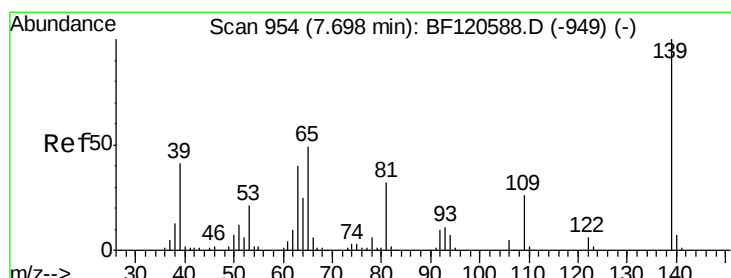
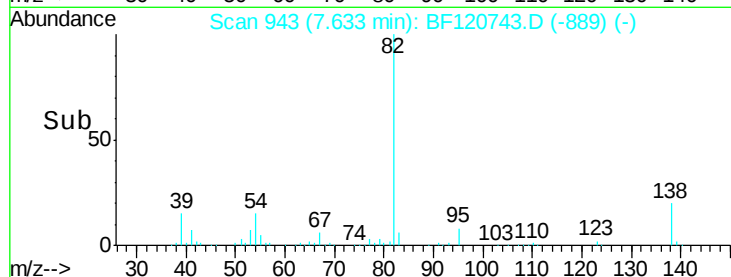
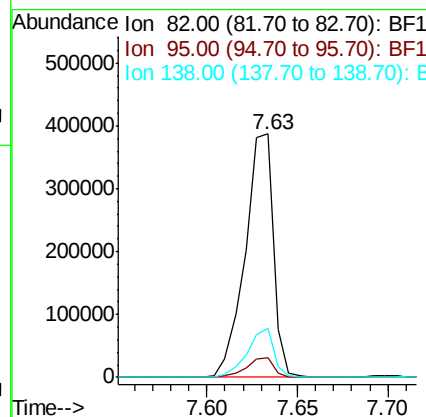
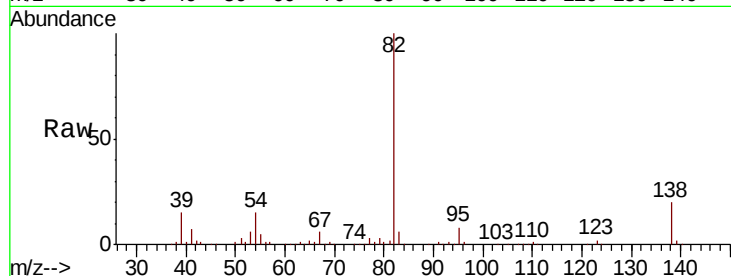
ClientSampleId :

CL-01-062420MS

Tot Ion:	82	Resp:	421276
Ion Ratio	Lower	Upper	
82	100		
95	8.1	5.6	8.4
138	20.0	16.1	24.1

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#26

2-Nitrophenol

Concen: 43.865 ng

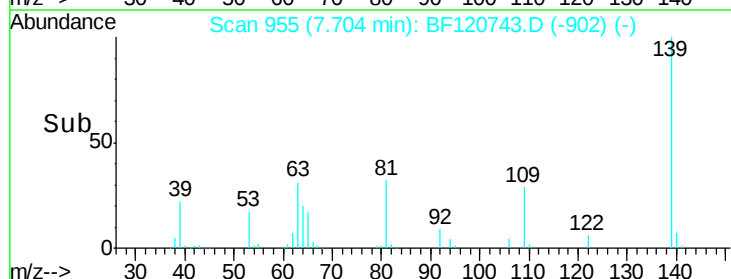
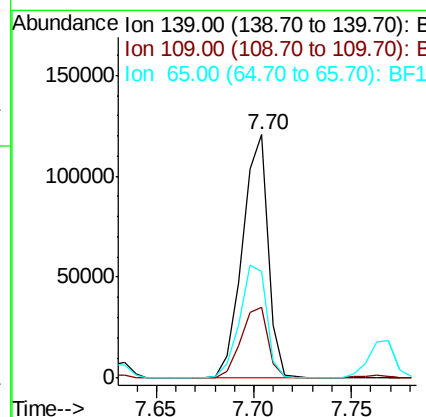
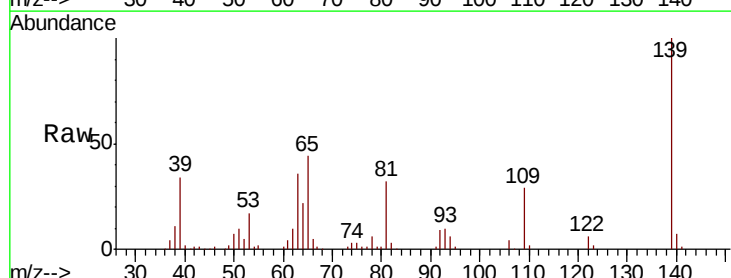
RT: 7.70 min Scan# 955

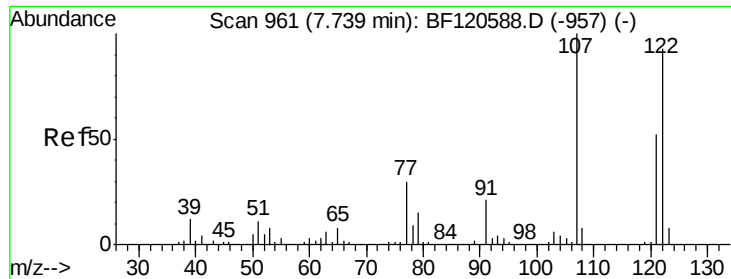
Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Tgt Ion:	139	Resp:	110357
Ion Ratio	Lower	Upper	
139	100		
109	29.2	20.7	31.1
65	43.9	33.6	50.4





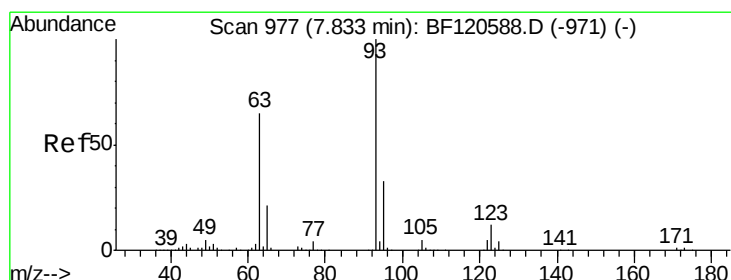
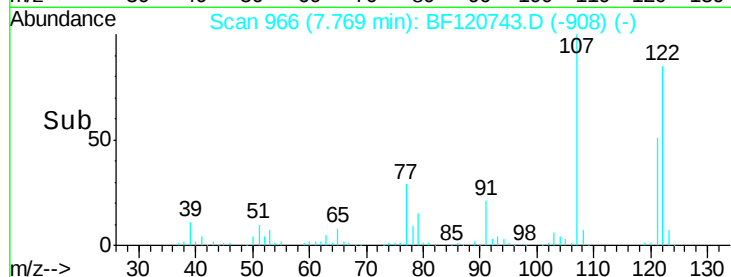
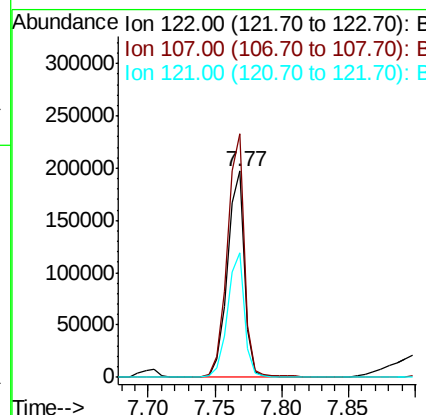
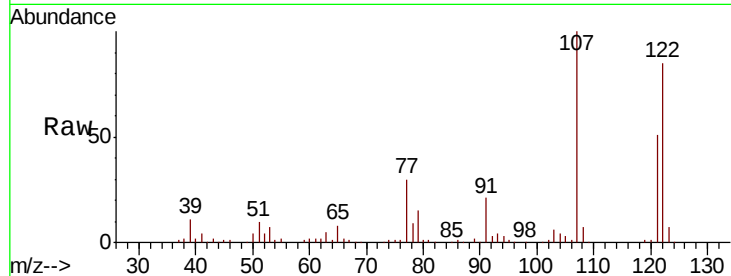
#27
2,4-Dimethylphenol
Concen: 48.775 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.04 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		180676		
107	118.1	89.4	134.2		
121	60.6	46.2	69.4		

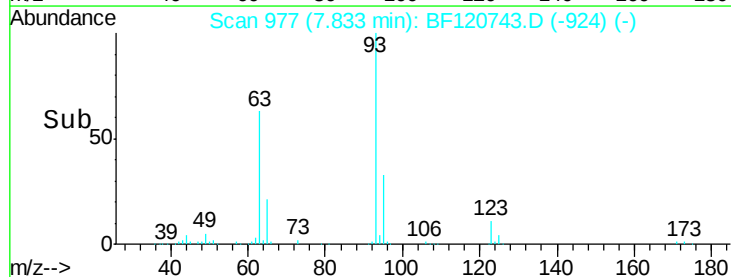
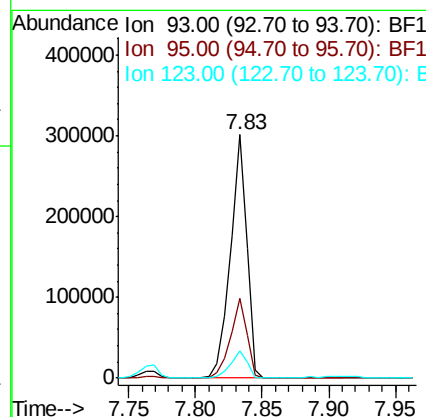
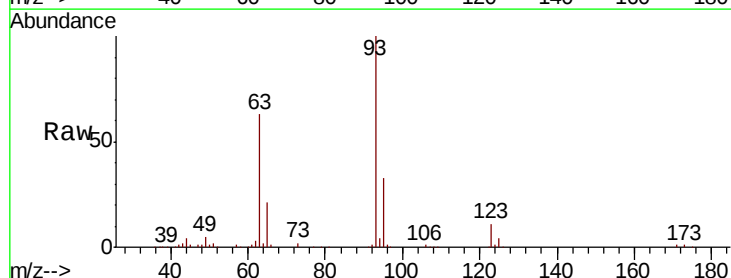
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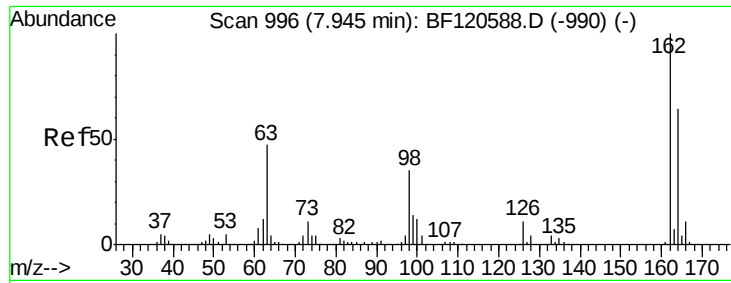
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 51.670 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		265134		
95	33.0	26.2	39.2		
123	11.2	9.7	14.5		





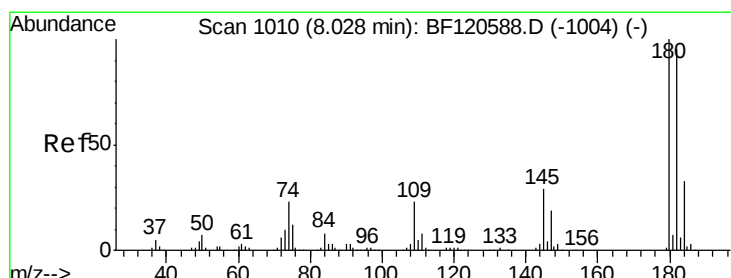
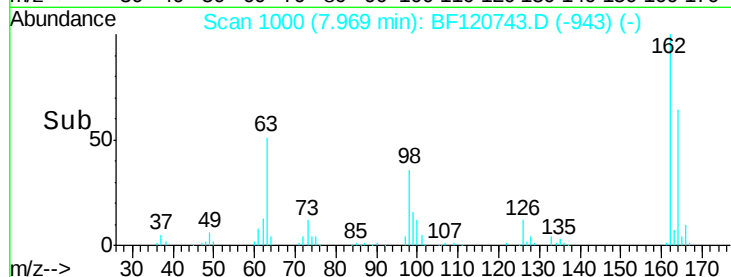
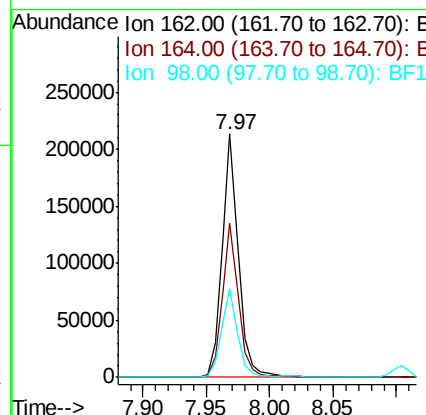
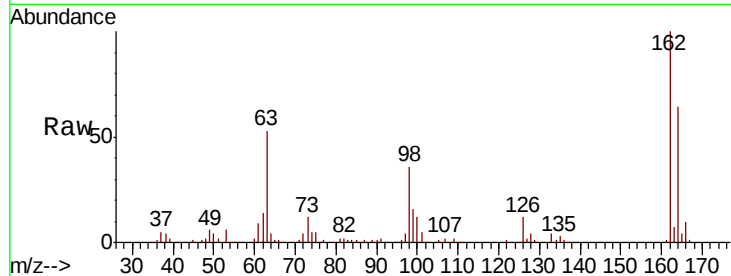
#29
2,4-Dichlorophenol
Concen: 51.841 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.04 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		195201		
164	63.5	45.1	85.1		
98	36.2	16.2	56.2		

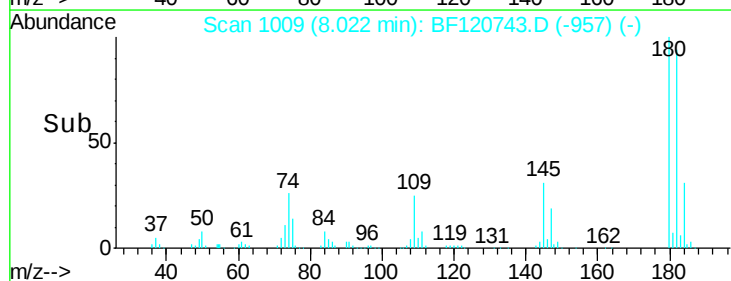
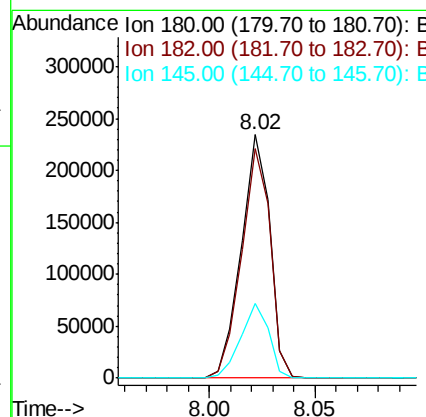
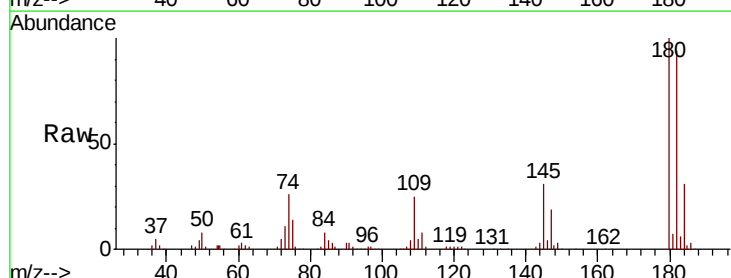
Manual Integrations
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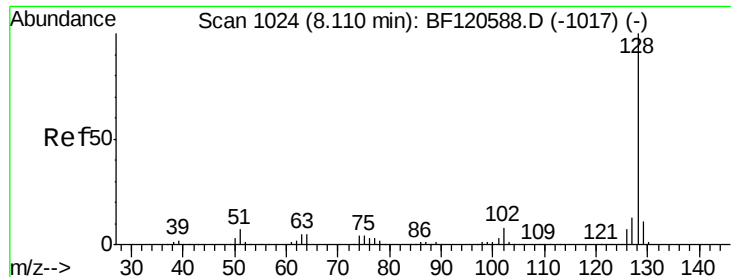
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 52.503 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		219086		
182	94.3	76.0	114.0		
145	30.7	23.4	35.2		





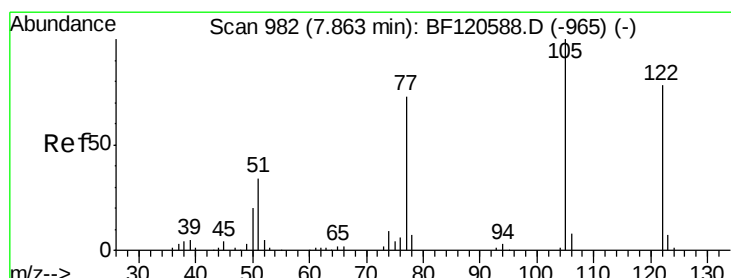
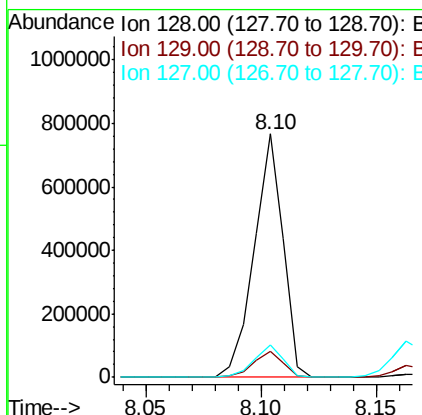
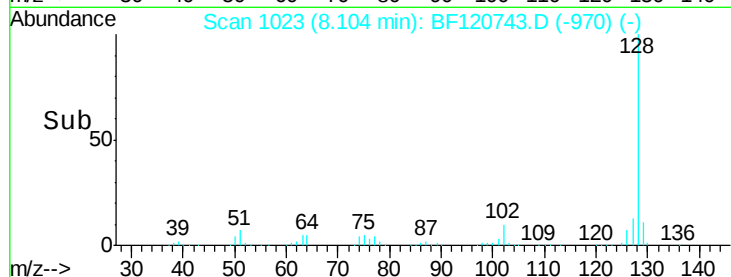
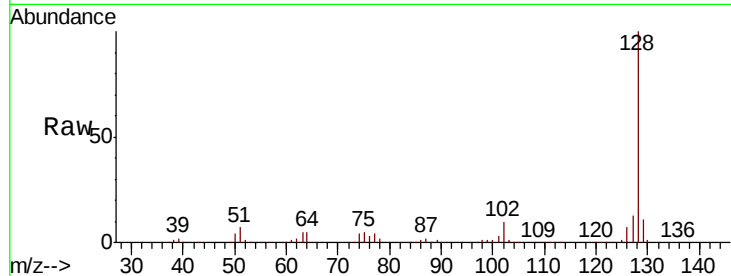
#31
Naphthalene
Concen: 53.657 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	13.3	10.7	16.1

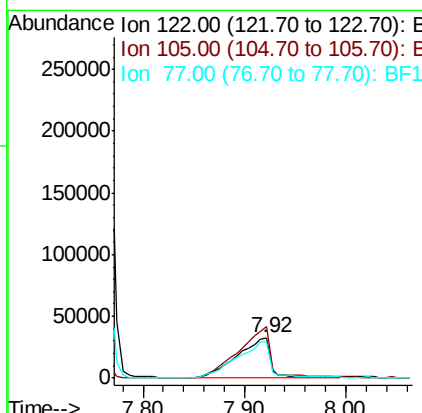
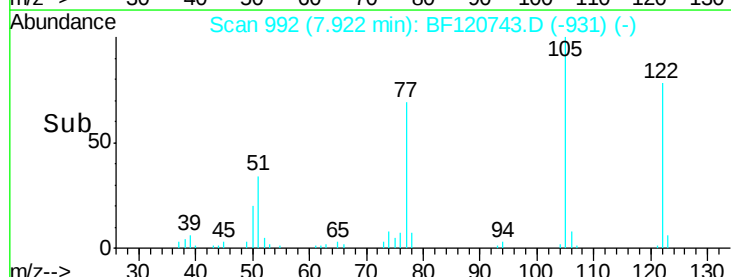
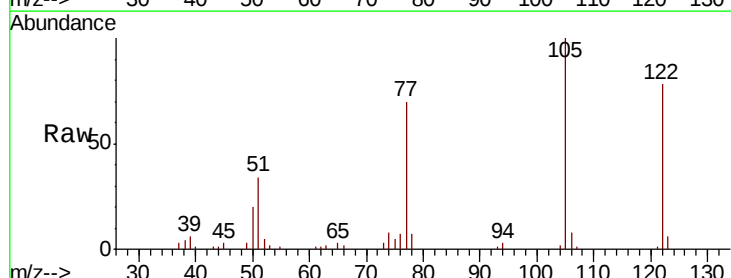
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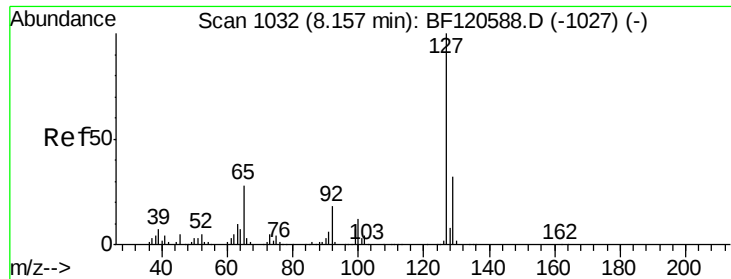
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#32
Benzoic acid
Concen: 27.229 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.06 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.9	98.4	138.4
77	89.2	63.8	103.8





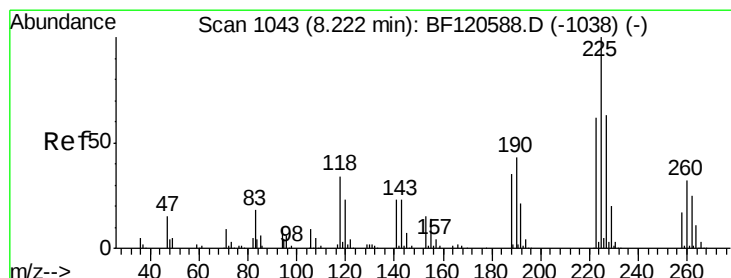
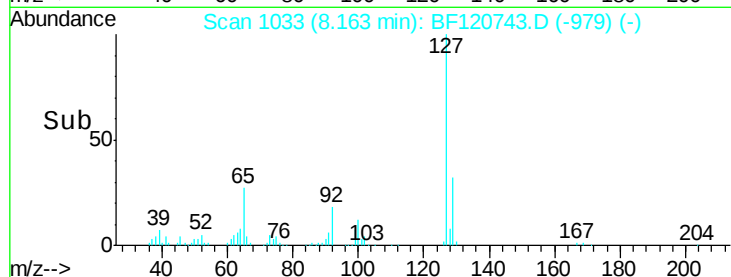
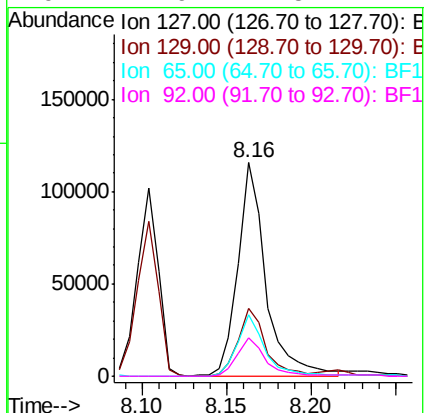
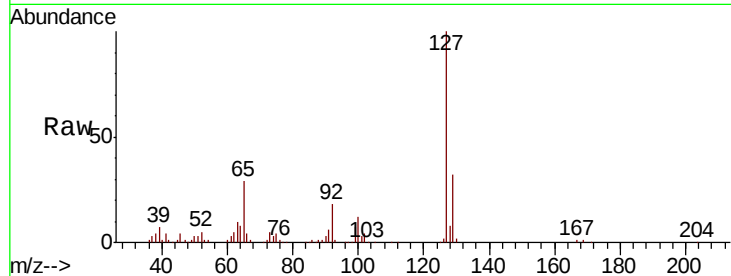
#33
4-Chloroaniline
Concen: 23.458 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.02 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	26.2	39.2		
65	28.6	21.8	32.6		
92	17.9	14.5	21.7		

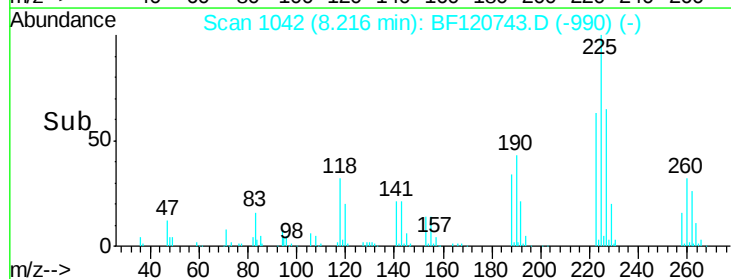
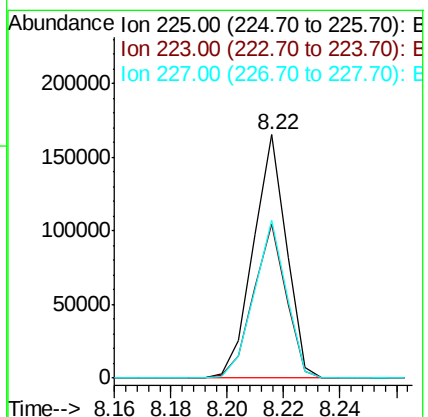
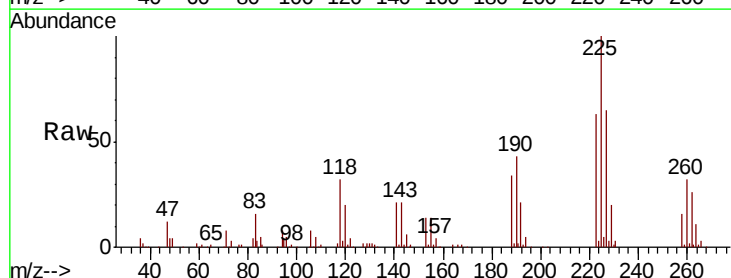
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#34
Hexachlorobutadiene
Concen: 55.165 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	50.0	75.0		
227	64.6	50.5	75.7		





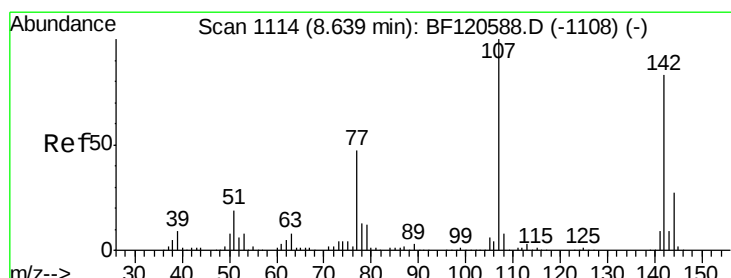
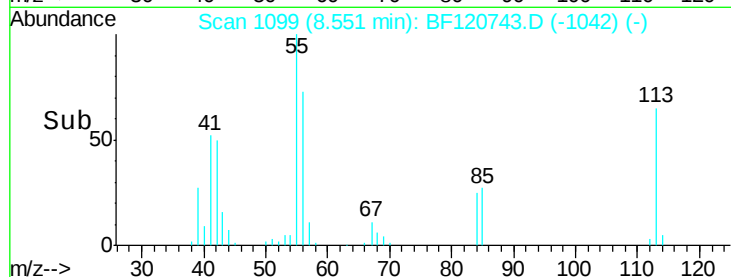
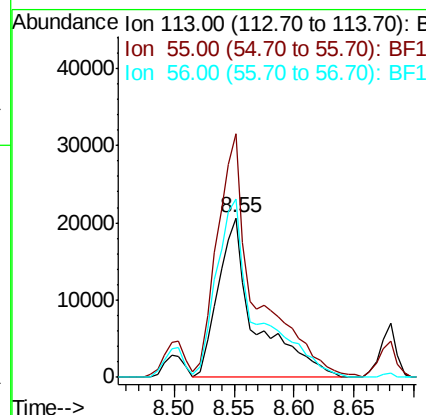
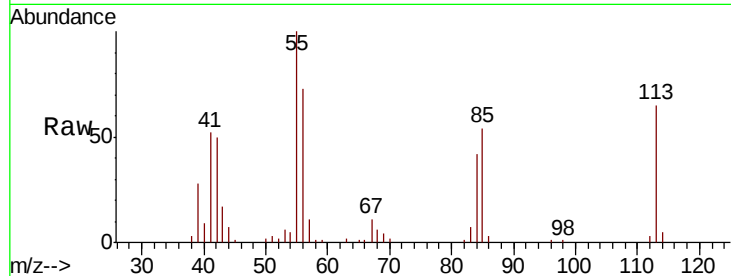
#35
Caprolactam
Concen: 37.234 ng/ml
RT: 8.55 min Scan# 1099
Delta R.T. 0.04 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	153.0	143.7	183.7	
56	112.4	98.6	138.6	

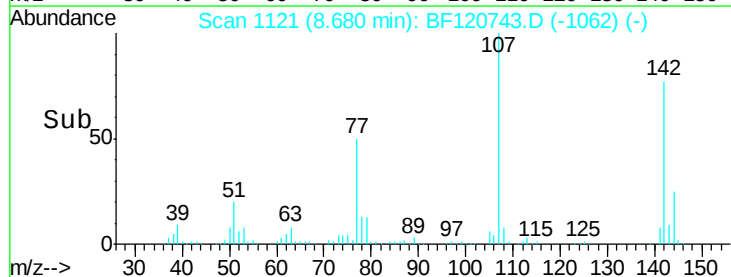
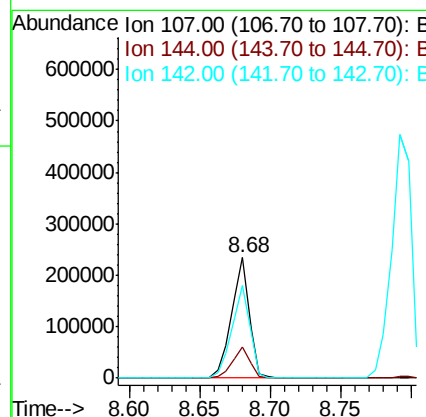
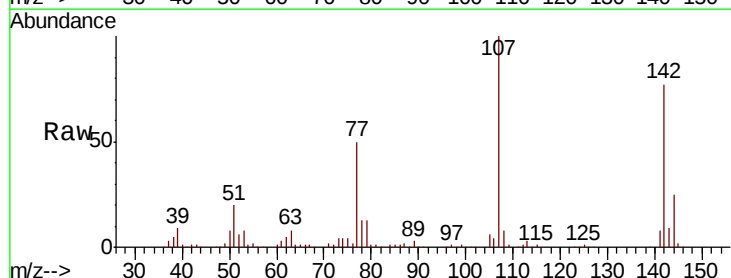
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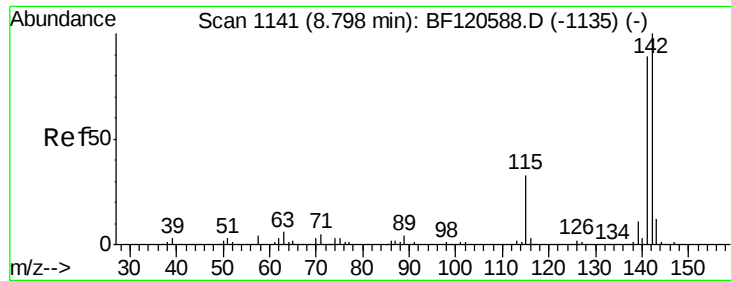
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#36
4-Chloro-3-methylphenol
Concen: 54.887 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. 0.05 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.5	21.9	32.9	
142	76.6	67.7	101.5	





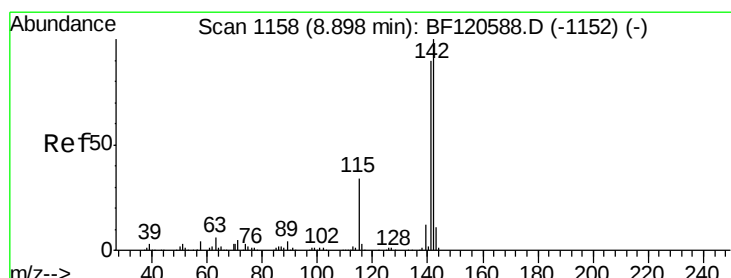
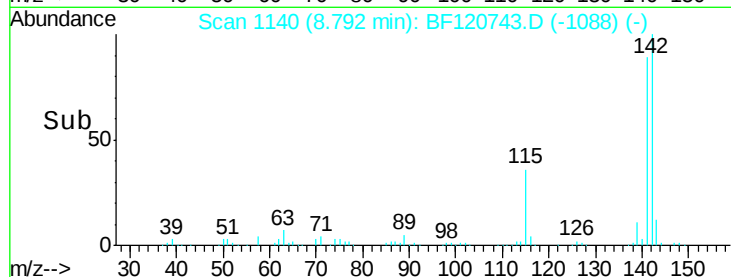
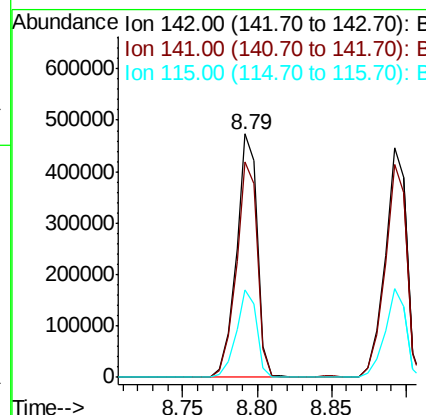
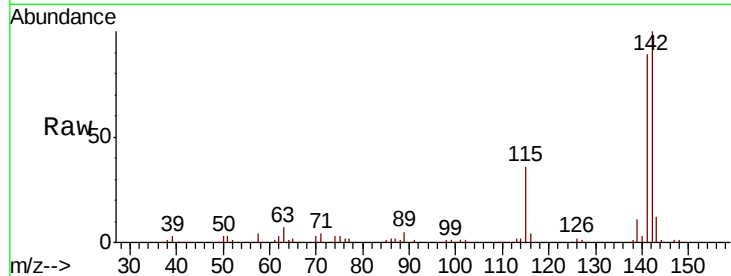
#37
2-Methylnaphthalene
Concen: 57.136 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	69.2	103.8
115	36.0	26.3	39.5

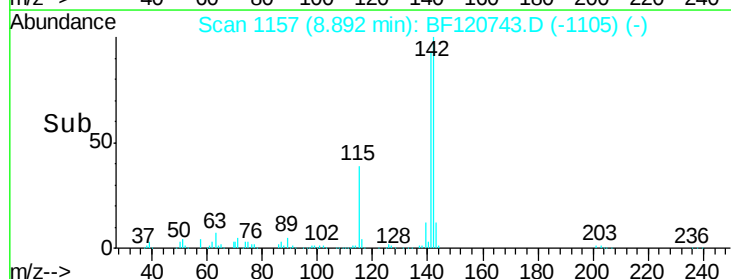
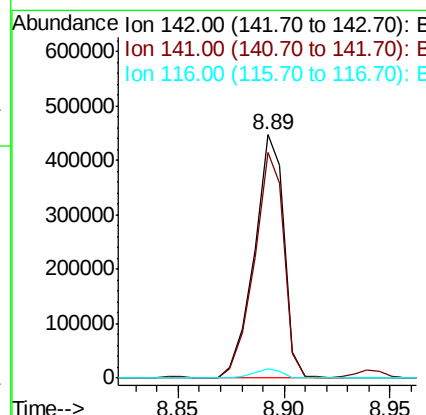
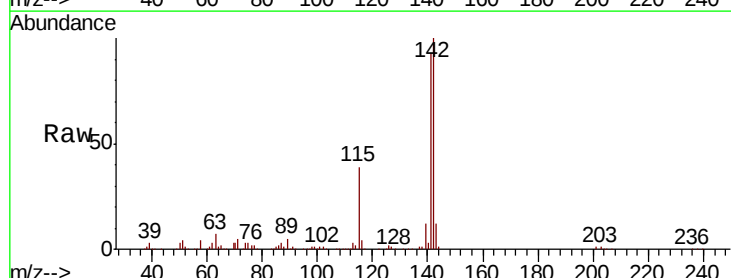
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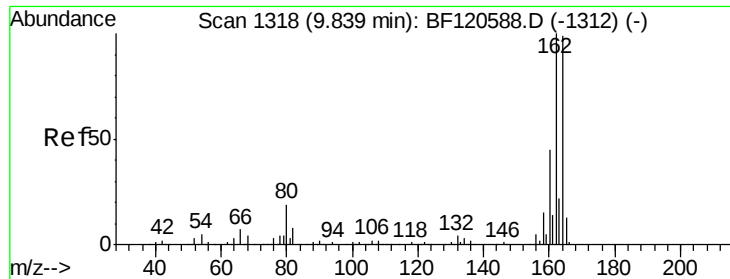
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#38
1-Methylnaphthalene
Concen: 56.957 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	72.7	109.1
116	3.8	2.7	4.1





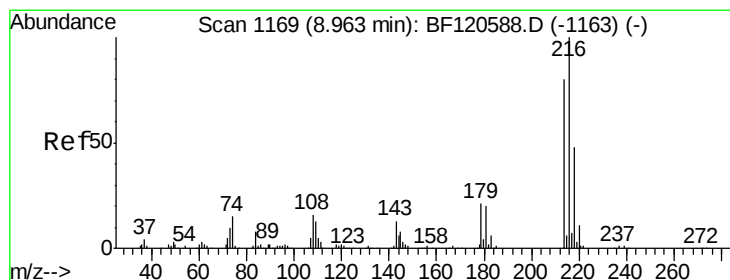
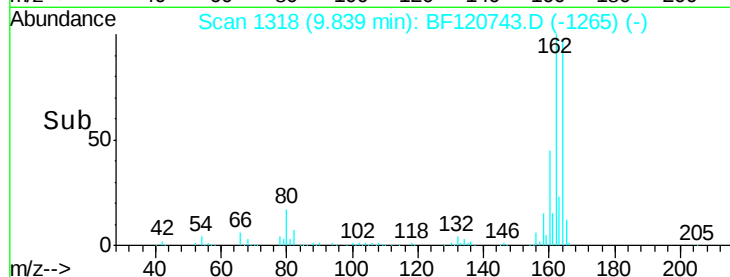
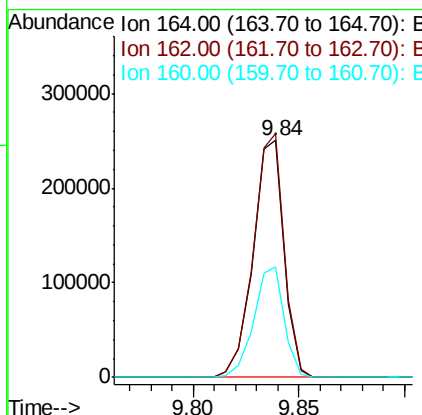
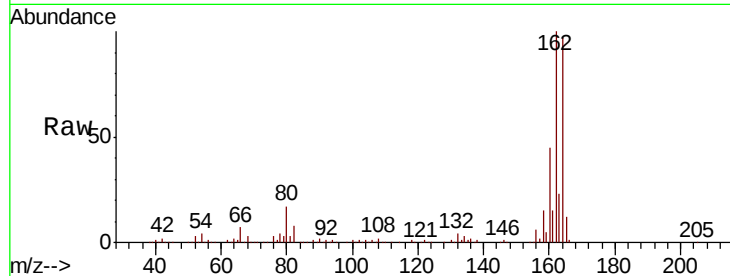
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.4	122.0
160	46.4	36.6	55.0

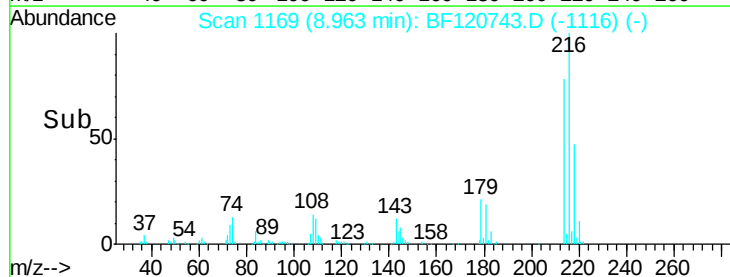
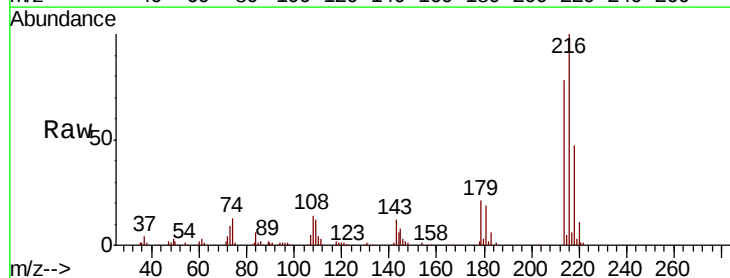
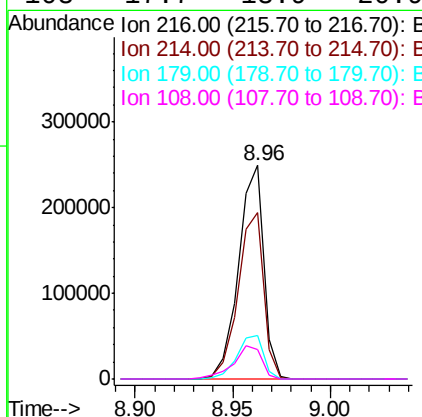
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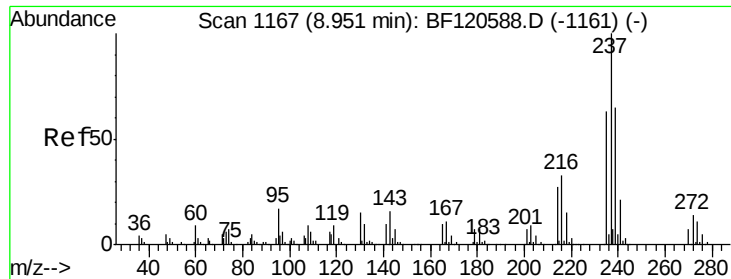
mohammad
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.358 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.01 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.1	94.7
179	21.6	16.3	24.5
108	17.7	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 26.665 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

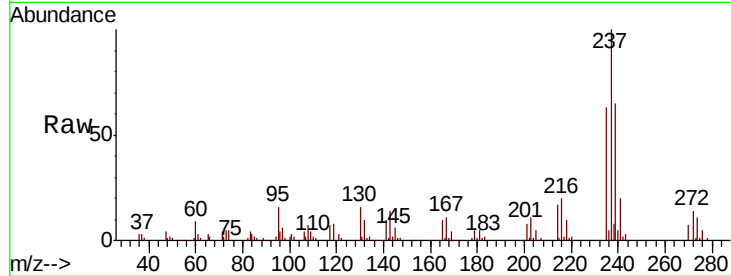
ClientSampleId :

CL-01-062420MS

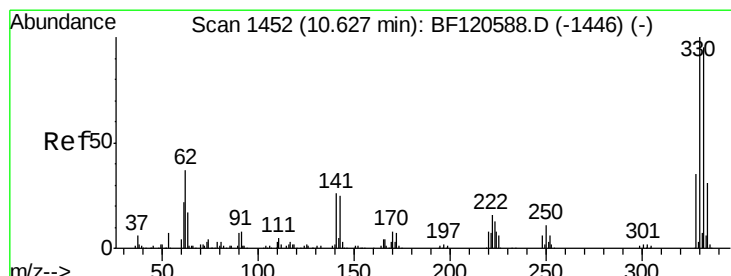
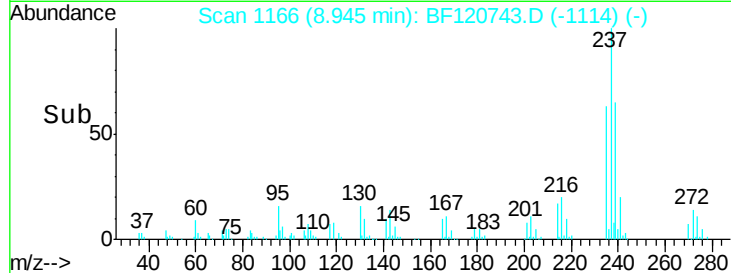
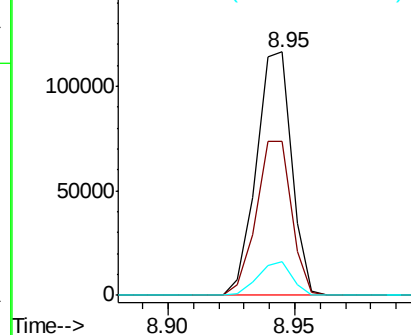
Tot Ion:	237	Resp:	113568
Ion Ratio	Lower	Upper	
237	100		
235	63.0	42.2	82.2
272	14.0	0.0	33.6

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



#42

2,4,6-Tribromophenol

Concen: 136.482 ng

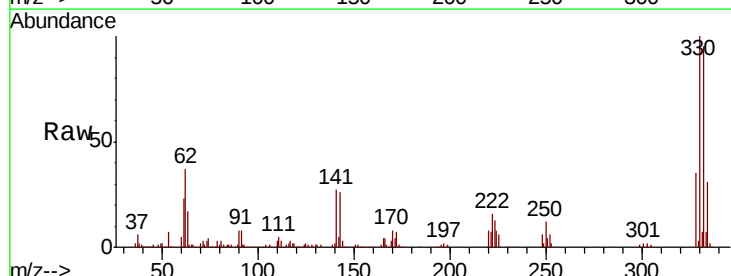
RT: 10.64 min Scan# 1454

Delta R.T. 0.02 min

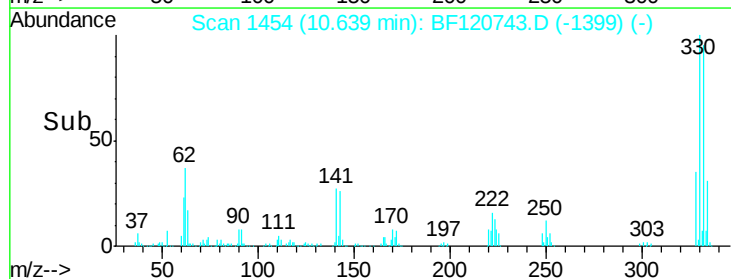
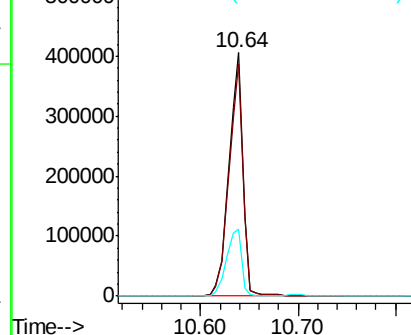
Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Tgt Ion:	330	Resp:	403904
Ion Ratio	Lower	Upper	
330	100		
332	96.1	76.4	114.6
141	29.7	23.0	34.6



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





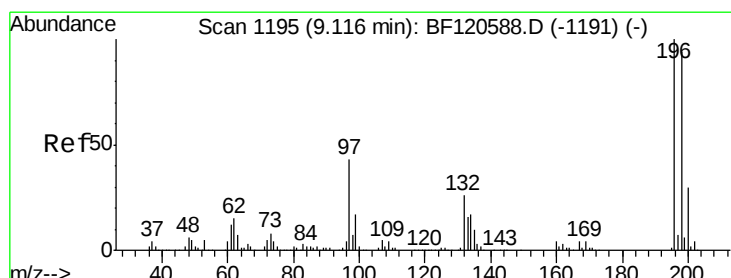
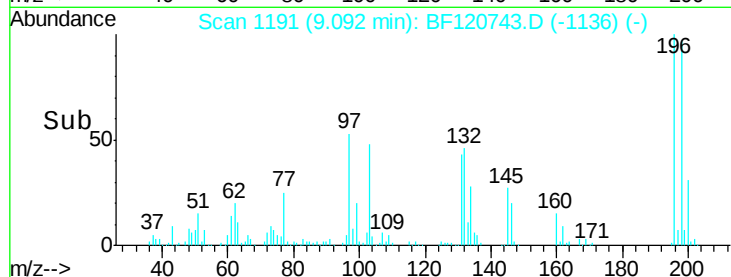
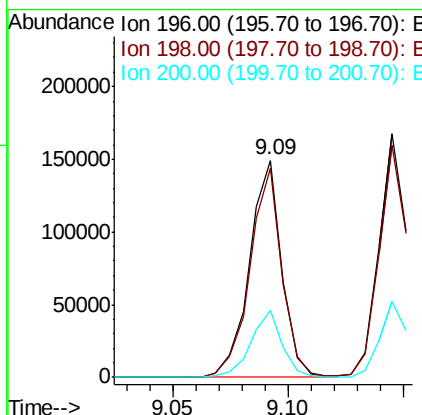
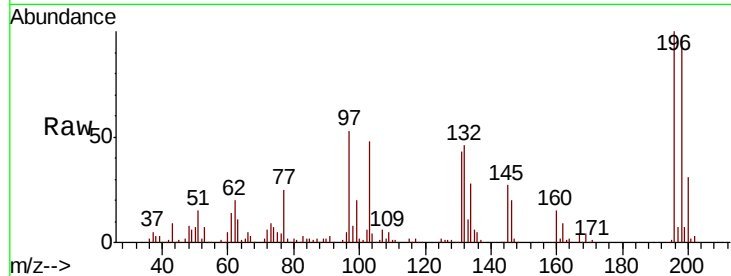
#43
 2,4,6-Trichlorophenol
 Concen: 27.033 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.02 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Tot Ion:	196	Resp:	145744
Ion Ratio	Lower	Upper	
196	100		
198	96.6	77.8	116.6
200	30.9	24.7	37.1

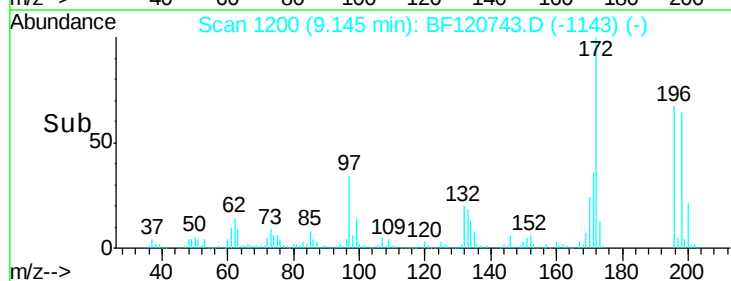
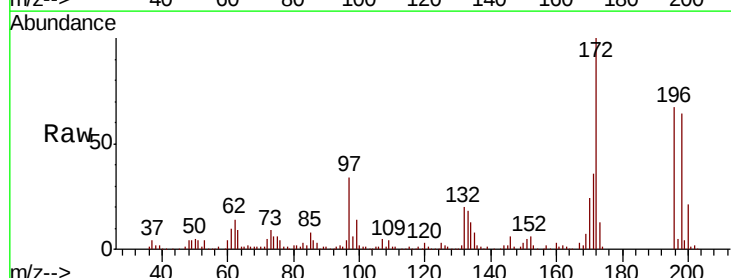
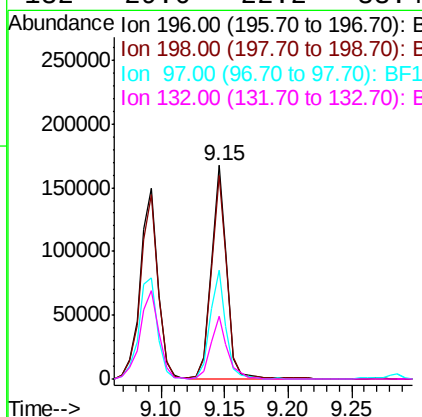
Manual Integrations
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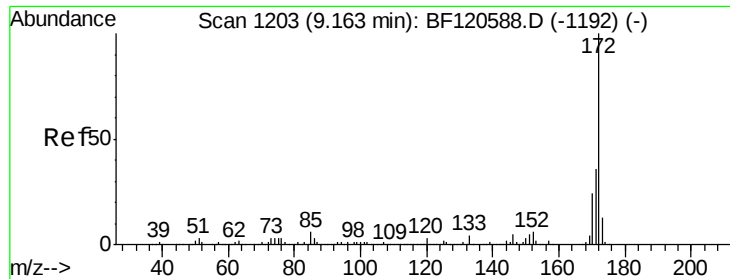
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 23.611 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.04 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Tgt Ion:	196	Resp:	144422
Ion Ratio	Lower	Upper	
196	100		
198	95.5	76.2	114.2
97	51.0	35.8	53.8
132	29.6	22.2	33.4





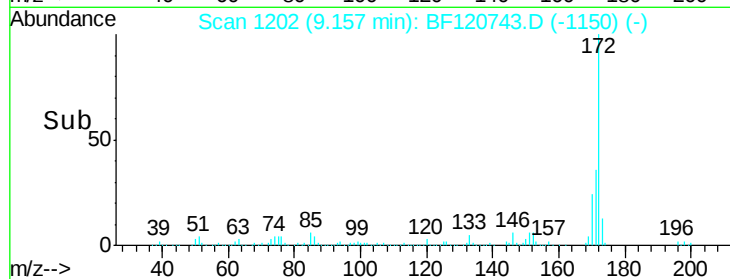
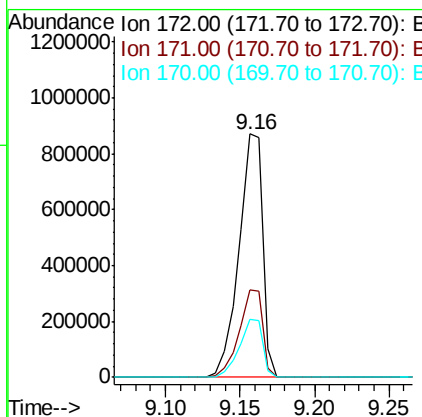
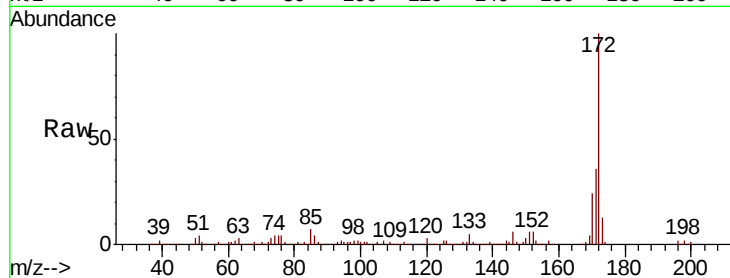
#45
2-Fluorobiphenyl
Concen: 57.792 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.7	19.1	28.7

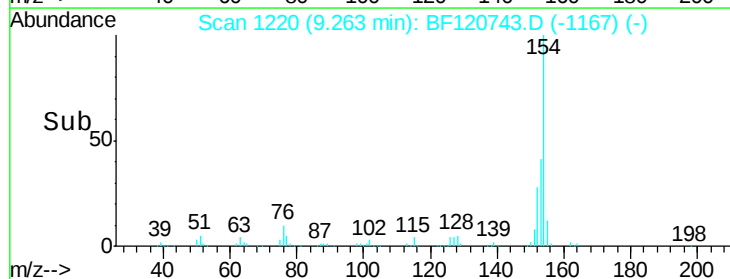
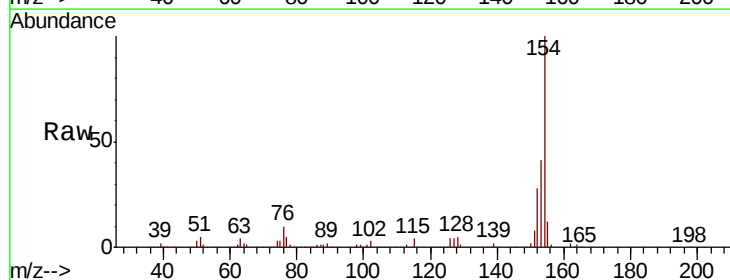
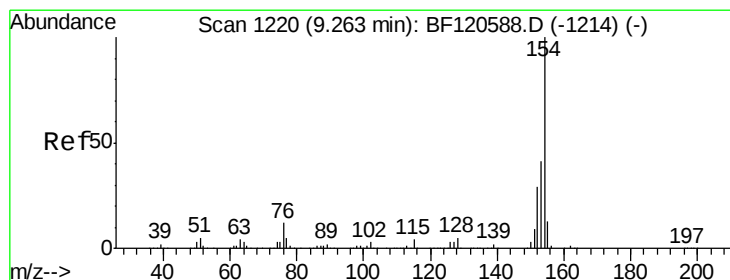
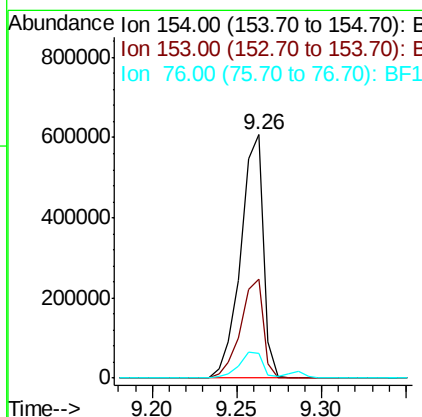
Manual Integrations
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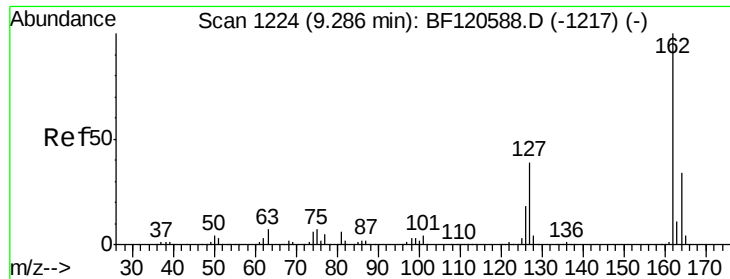
mohammad
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#46
1,1'-Biphenyl
Concen: 29.954 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	19.9	59.9
76	9.9	0.0	31.0





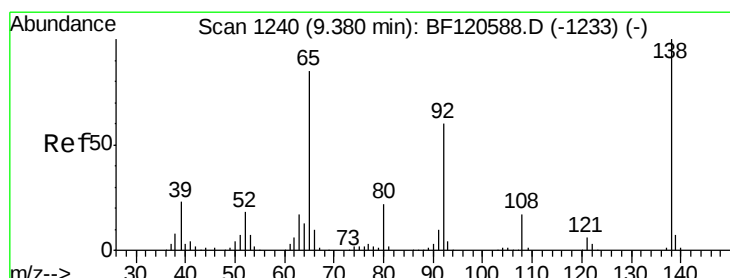
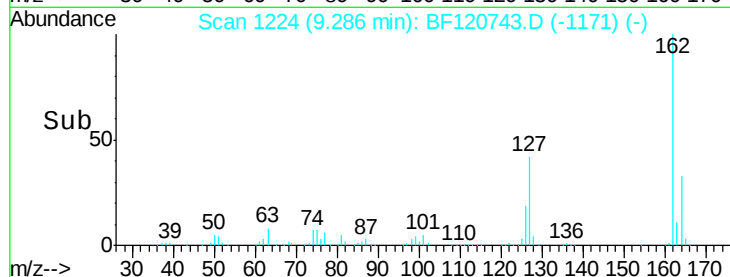
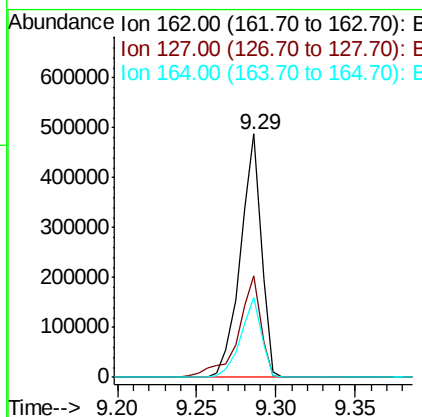
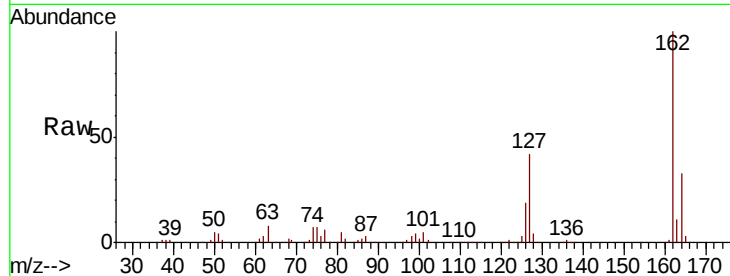
#47
2-Chloronaphthalene
Concen: 28.535 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.7	31.2	46.8
164	32.7	26.6	40.0

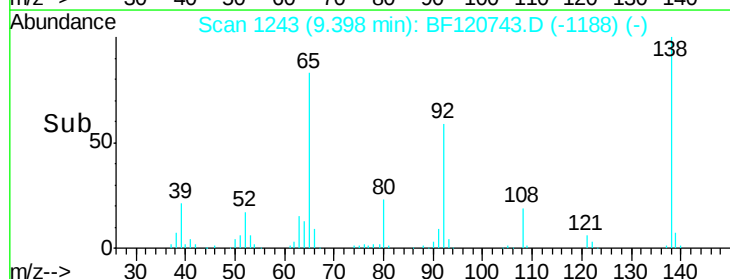
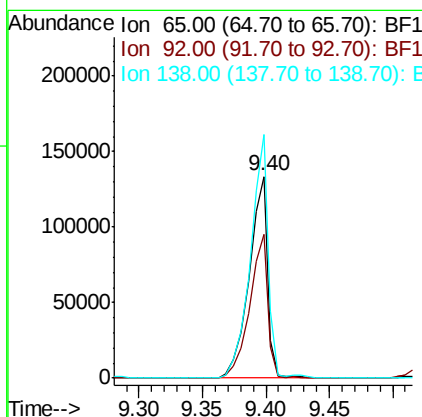
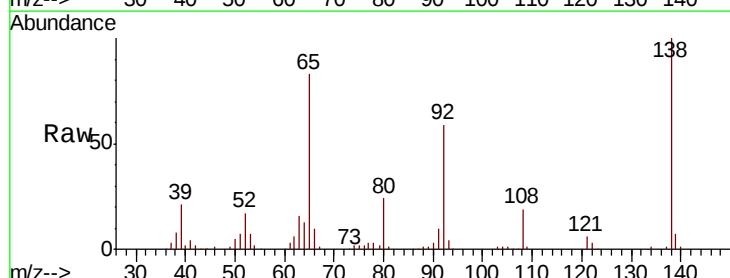
Manual Integrations
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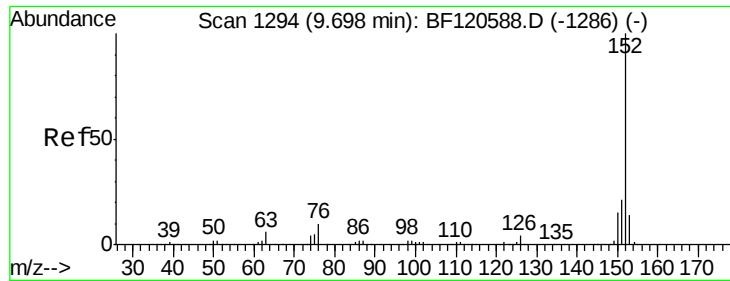
mohammad
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#48
2-Nitroaniline
Concen: 27.840 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.02 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.3	57.7	86.5
138	120.6	96.6	145.0





#49

Acenaphthylene

Concen: 54.551 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.02 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

Tot Ion:152 Resp: 1308515

Ion Ratio Lower Upper

152 100

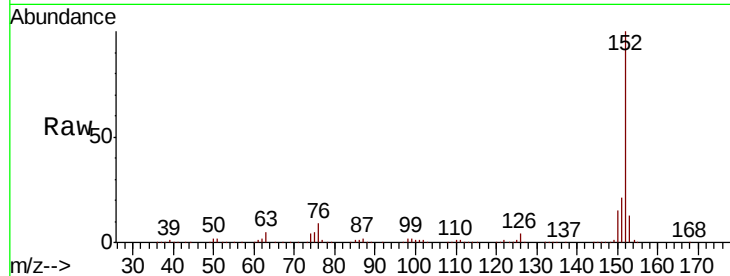
151 20.6 15.8 23.8

153 13.2 10.9 16.3

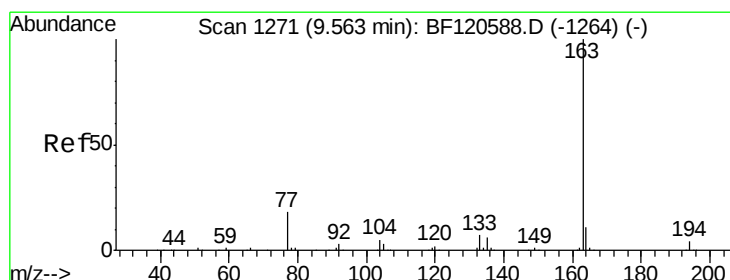
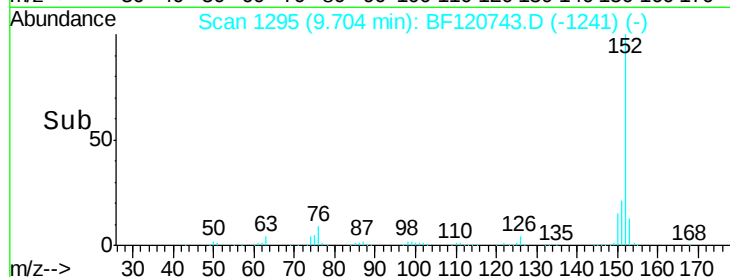
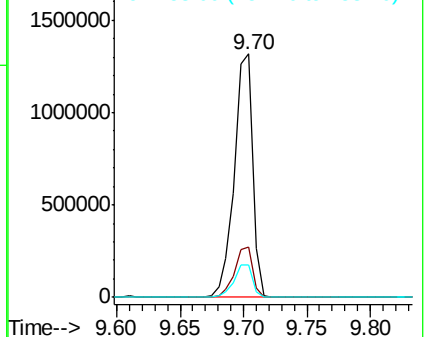
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 51.529 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

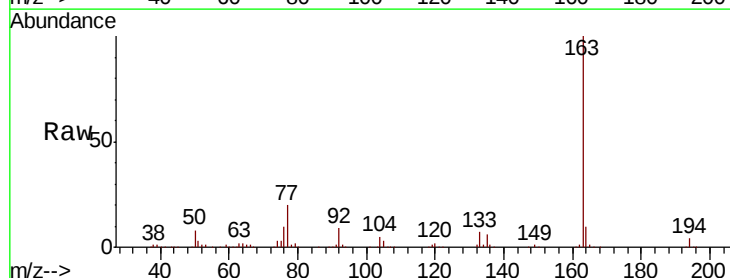
Tgt Ion:163 Resp: 944644

Ion Ratio Lower Upper

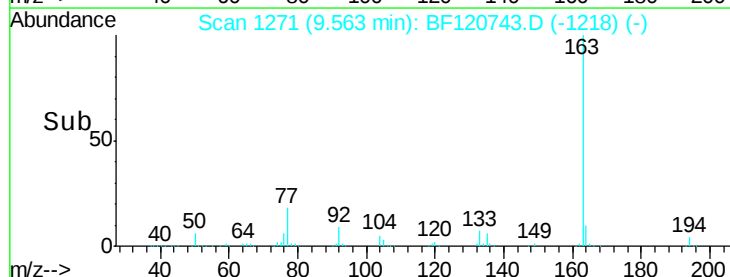
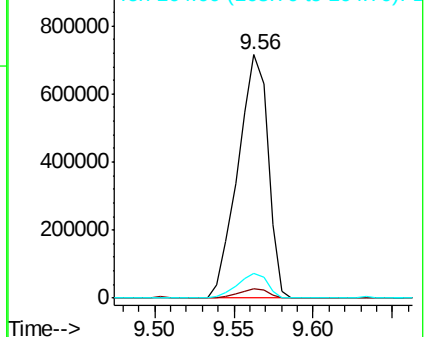
163 100

194 3.9 3.0 4.6

164 10.2 8.2 12.2



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





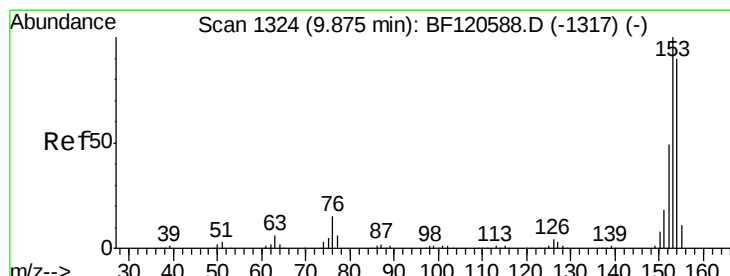
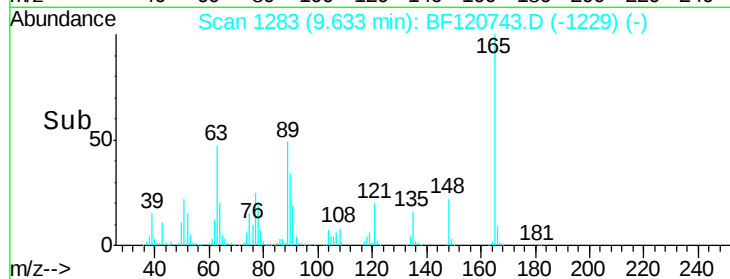
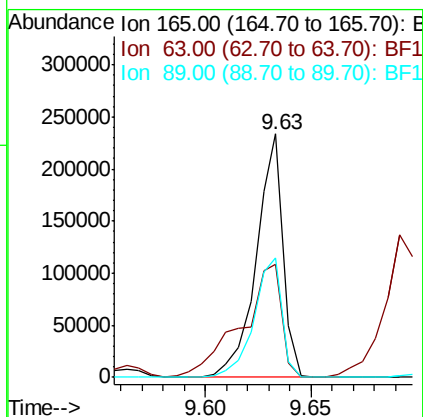
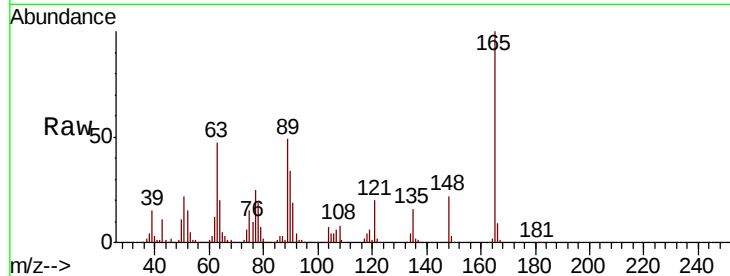
#51
 2,6-Dinitrotoluene
 Concen: 49.374 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. 0.02 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Tot Ion:	165	Resp:	205127
Ion Ratio		Lower	Upper
165	100		
63	46.6	36.8	55.2
89	49.1	39.4	59.0

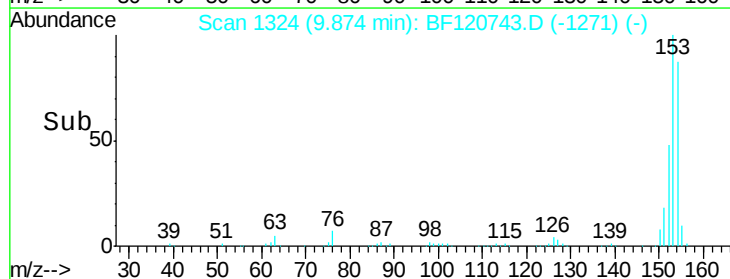
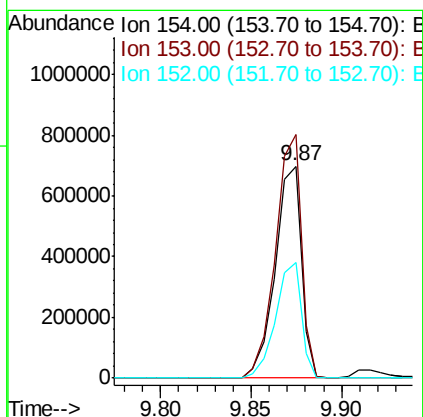
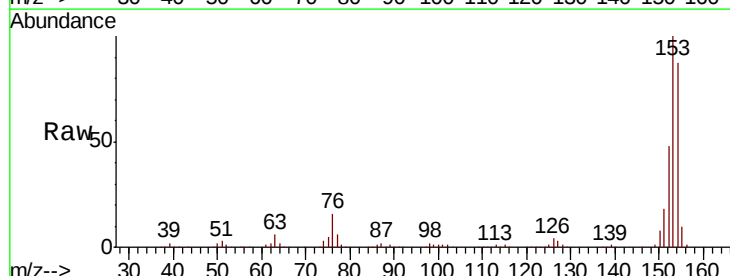
Manual Integrations
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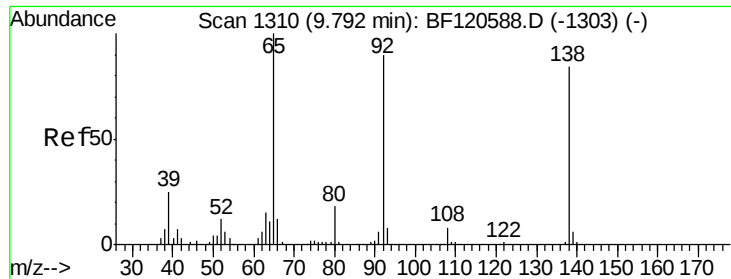
mohammad
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#52
 Acenaphthene
 Concen: 49.149 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Tgt Ion:	154	Resp:	703121
Ion Ratio		Lower	Upper
154	100		
153	114.7	90.1	135.1
152	54.6	43.1	64.7





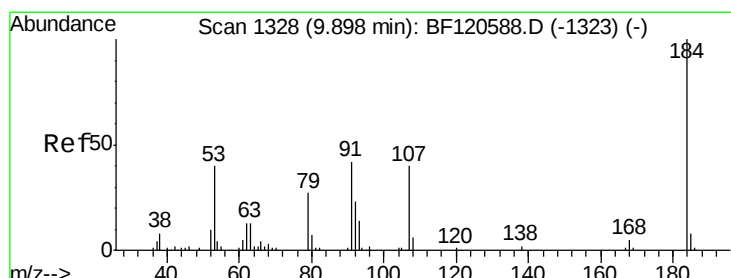
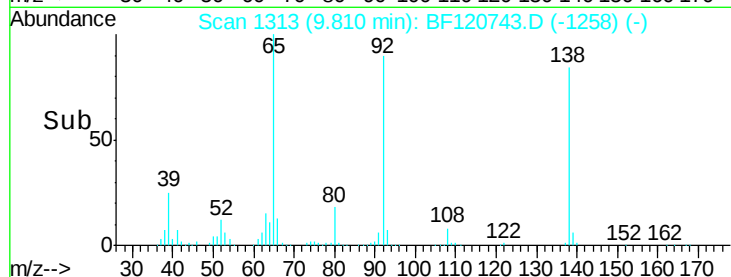
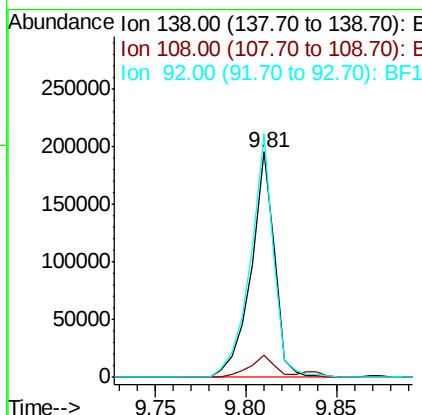
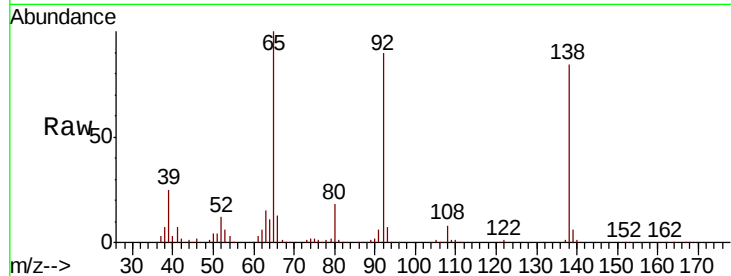
#53
3-Nitroaniline
Concen: 35.540 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.02 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.6	11.4
92	108.0	82.2	123.4

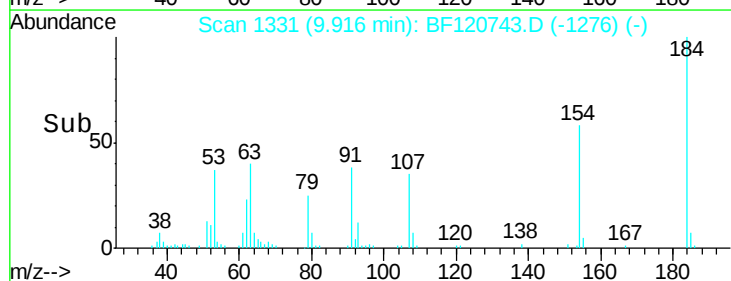
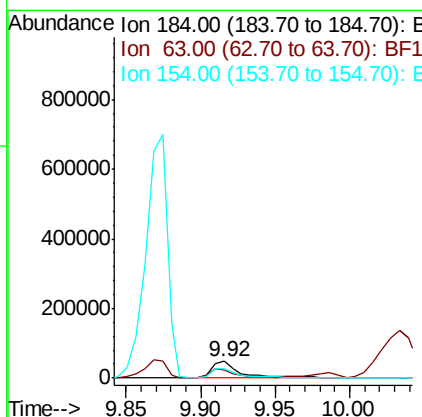
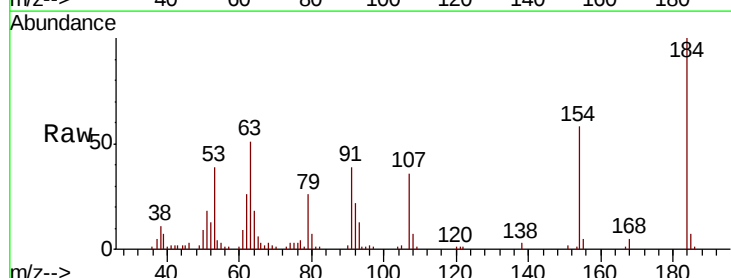
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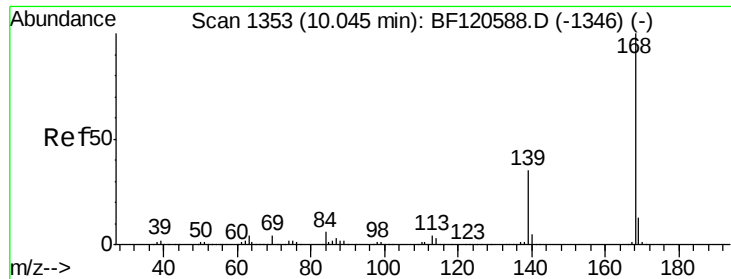
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#54
2,4-Dinitrophenol
Concen: 29.514 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.02 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.6	47.4	71.0
154	58.2	45.3	67.9





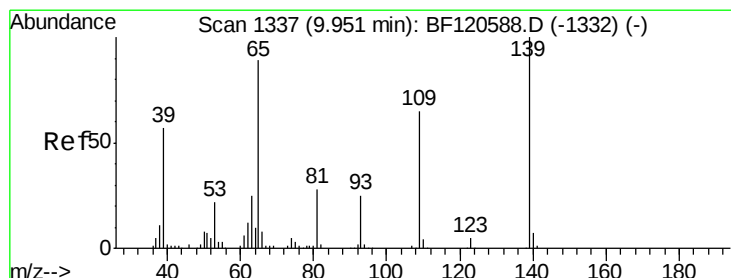
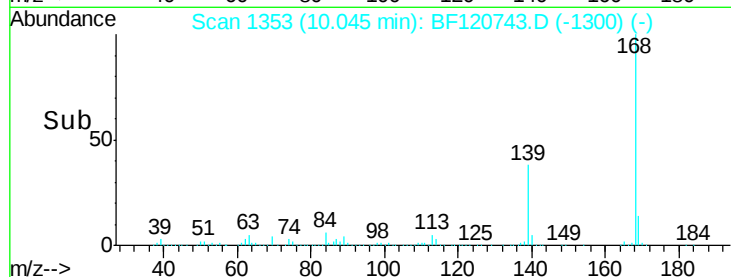
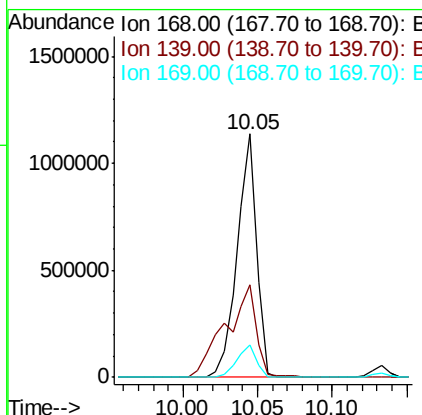
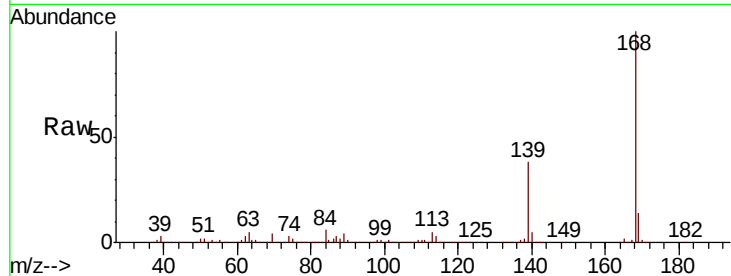
#55
Dibenzenofuran
Concen: 47.473 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	28.6	43.0
169	13.6	10.7	16.1

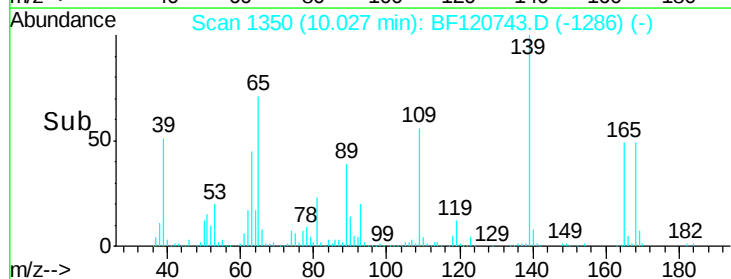
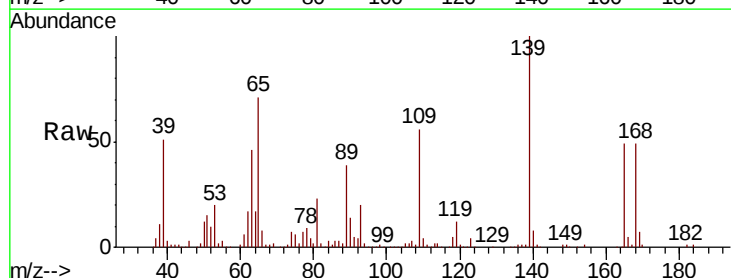
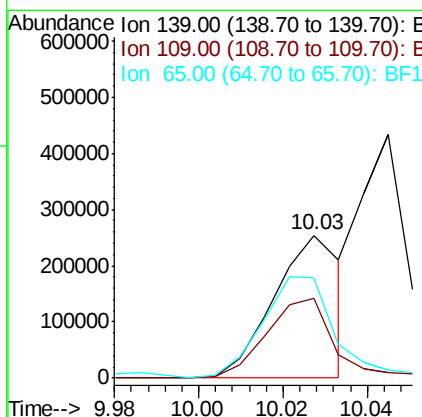
Manual Integrations
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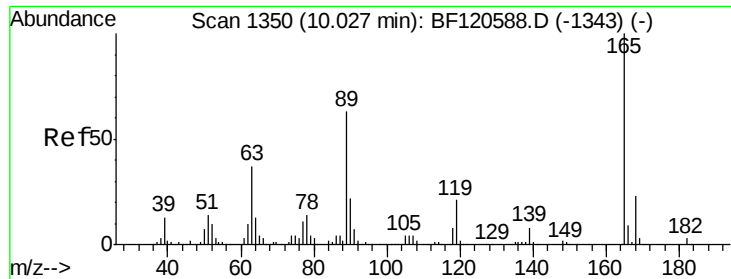
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#56
4-Nitrophenol
Concen: 76.117 ng m
RT: 10.03 min Scan# 1350
Delta R.T. 0.08 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	55.6	44.5	84.5
65	70.5	69.7	109.7





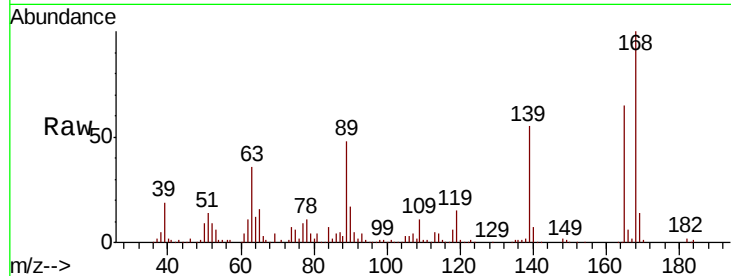
#57
 2,4-Dinitrotoluene
 Concen: 45.596 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.01 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

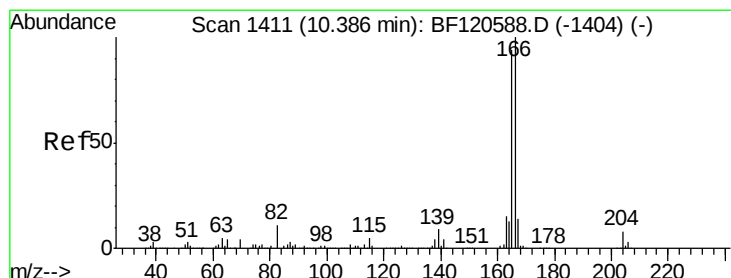
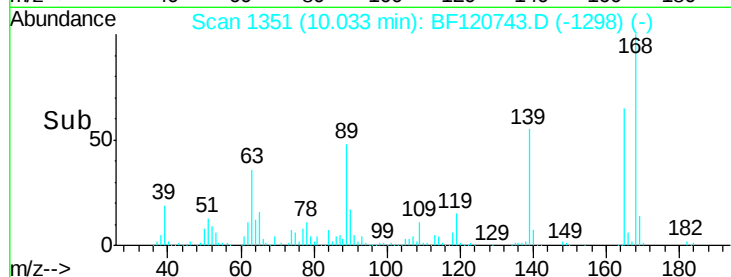
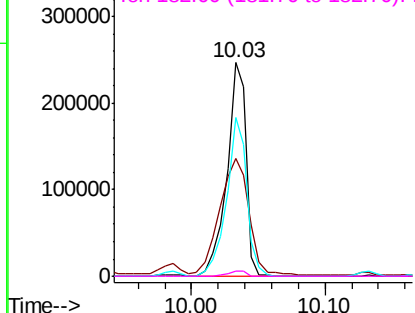
Tot Ion	Ratio	Resp	Lower	Upper
165	100	251366		
63	55.4	30.1	45.1#	
89	74.6	49.2	73.8#	
182	2.5	2.0	3.0	

Manual Integrations
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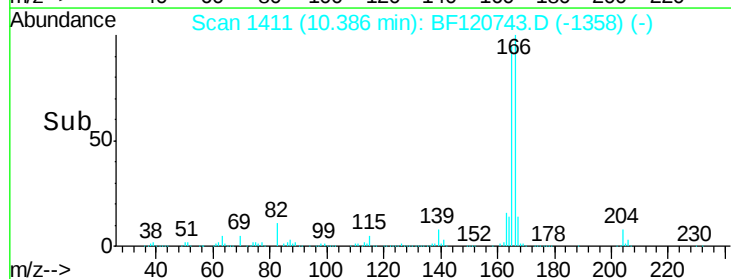
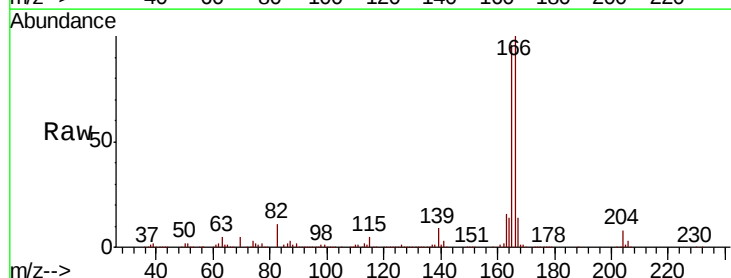
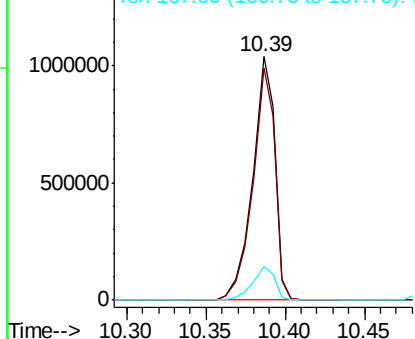
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

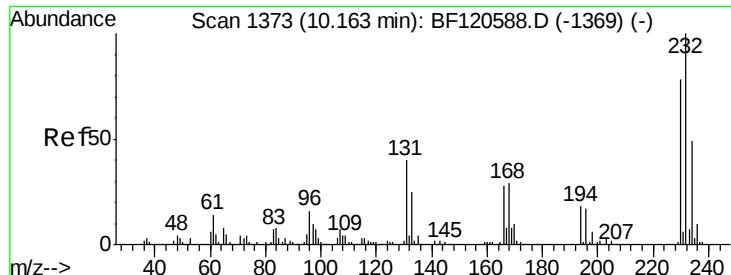


#58
 Fluorene
 Concen: 59.727 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1009974		
165	95.5	74.6	112.0	
167	14.0	10.9	16.3	

Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





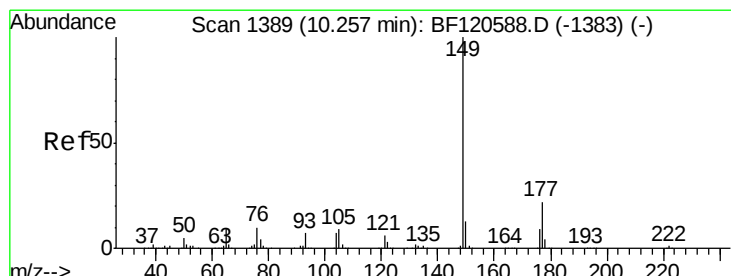
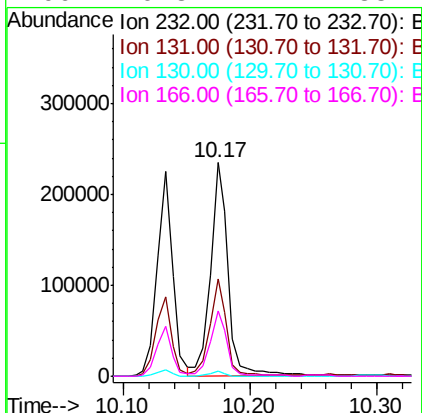
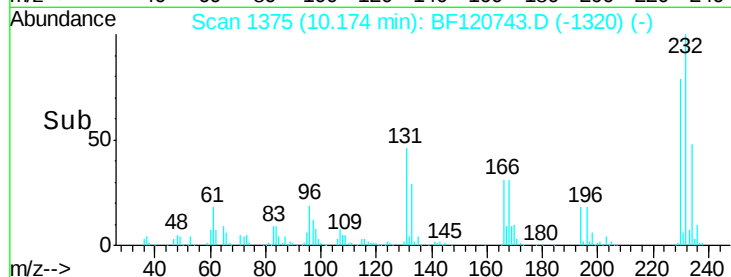
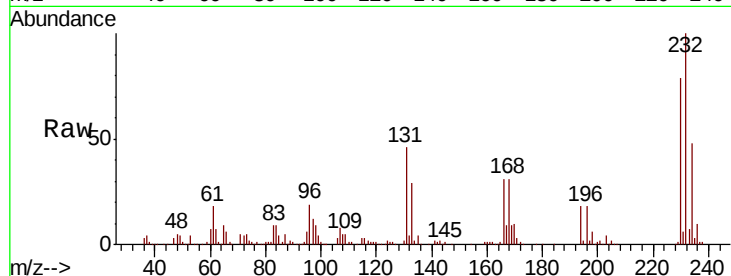
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.460 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.02 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.0	32.4	48.6
130	2.0	1.4	2.2
166	29.3	22.1	33.1

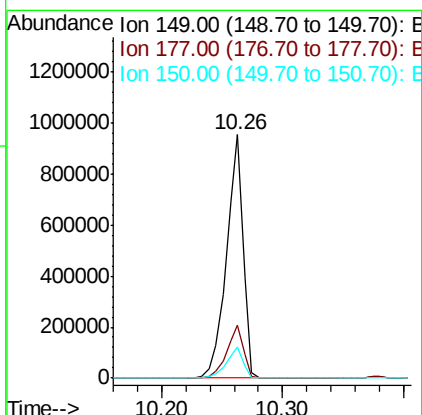
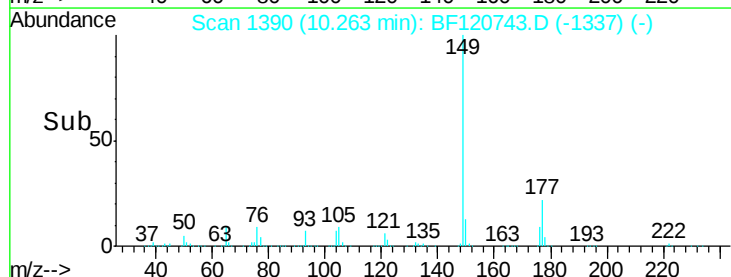
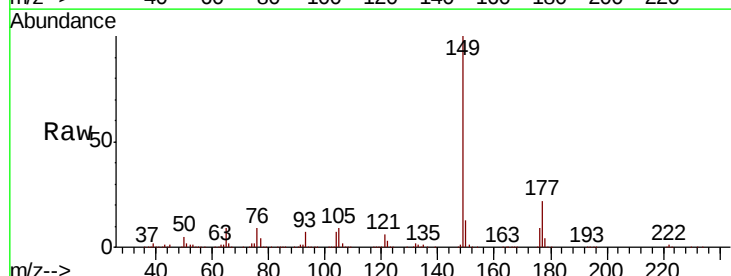
Manual Integrations
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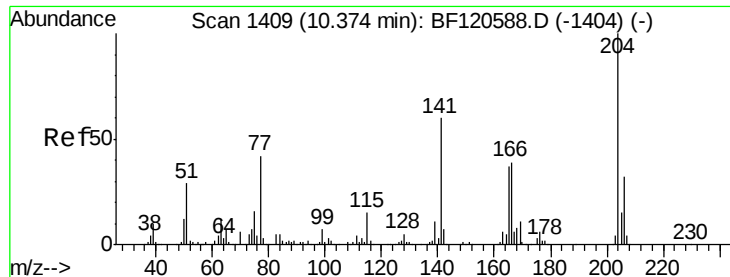
mohammad
 6/30/2020 4:14:56 PM



#60
 Diethylphthalate
 Concen: 50.363 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	18.0	27.0
150	12.9	9.8	14.6





#61

4-Chlorophenyl-phenylether

Concen: 56.509 ng

RT: 10.37 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

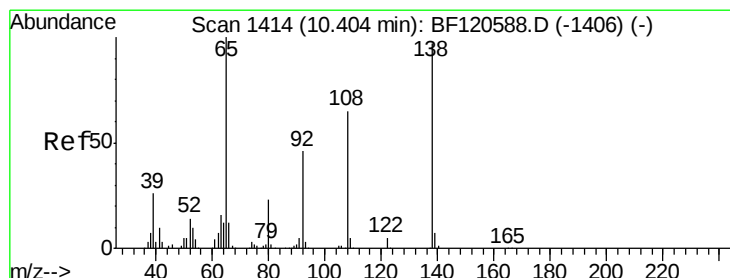
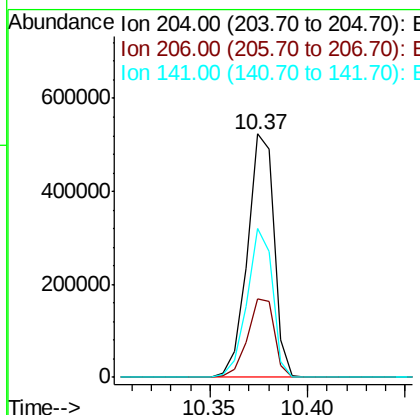
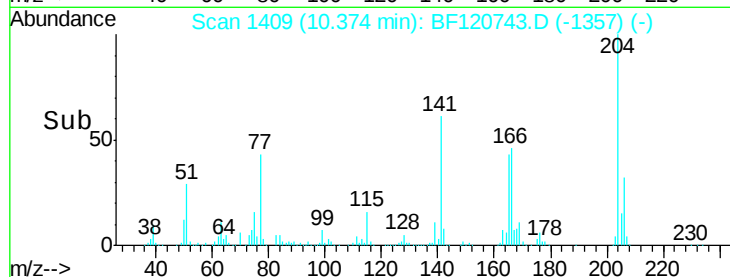
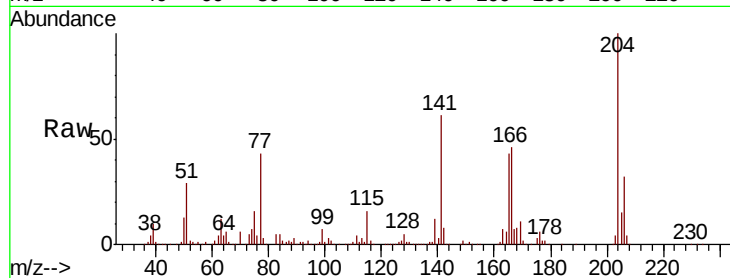
ClientSampleId :

CL-01-062420MS

Tot Ion:	204	Resp:	493464
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.4	39.6
141	61.3	42.9	64.3

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#62

4-Nitroaniline

Concen: 57.471 ng

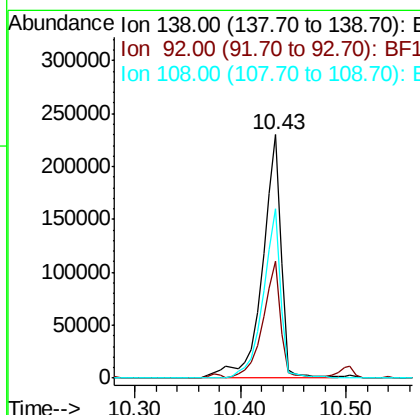
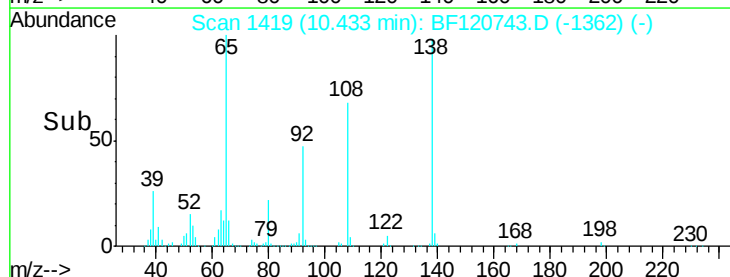
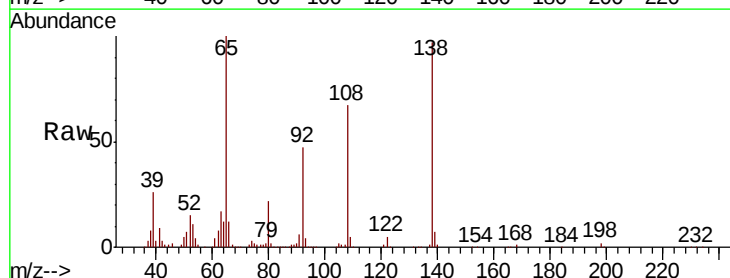
RT: 10.43 min Scan# 1419

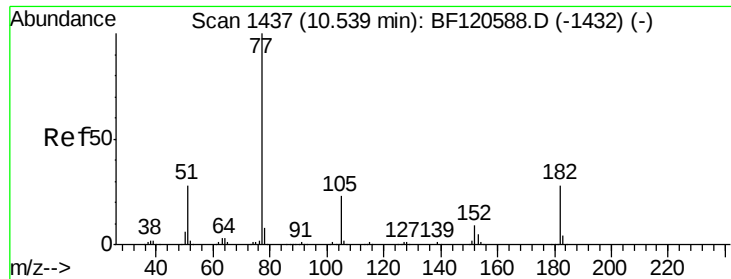
Delta R.T. 0.04 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Tgt Ion:	138	Resp:	284708
Ion Ratio	Lower	Upper	
138	100		
92	47.9	26.4	66.4
108	69.4	45.5	85.5





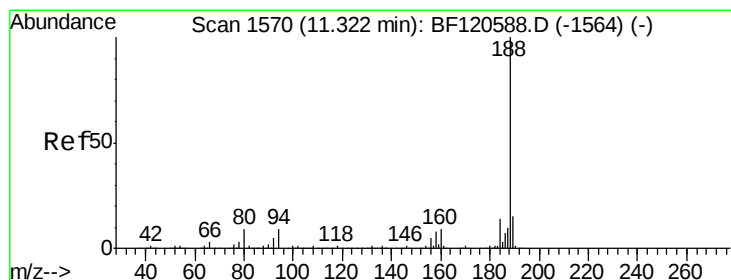
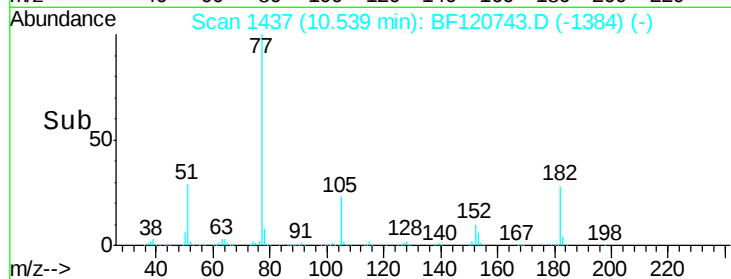
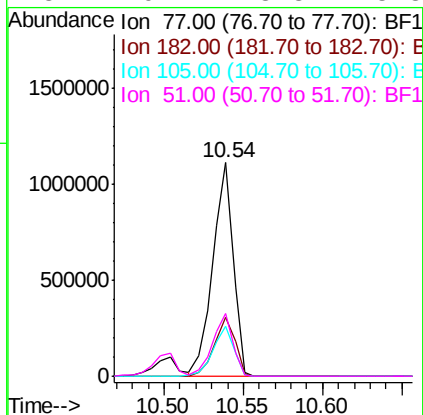
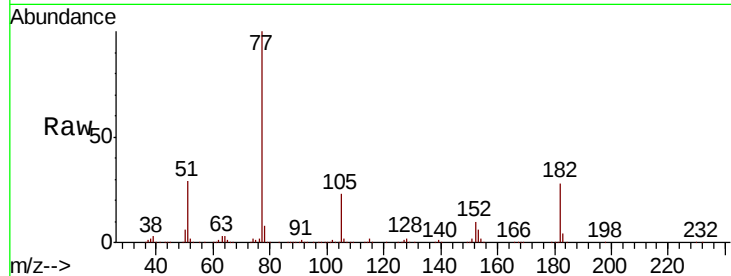
#63
Azobenzene
Concen: 60.812 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.7	7.6	47.6
105	23.2	3.9	43.9
51	29.2	8.8	48.8

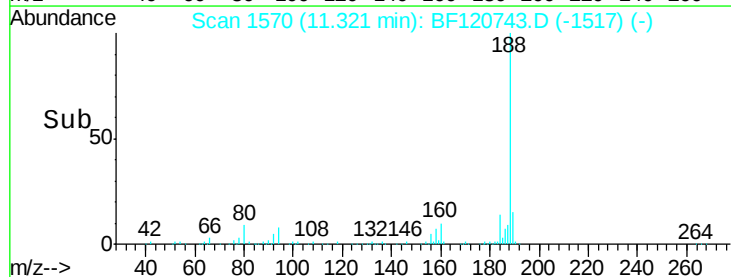
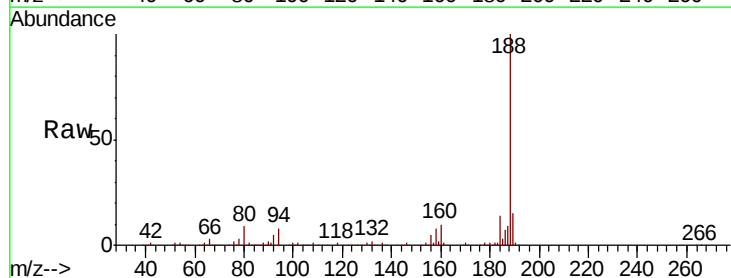
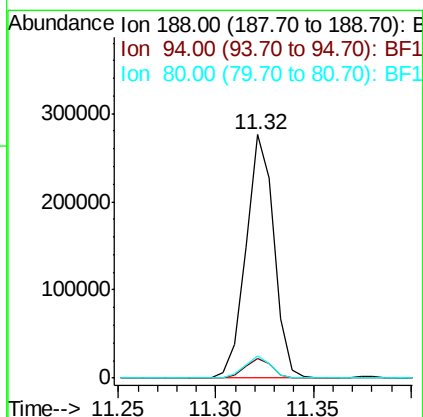
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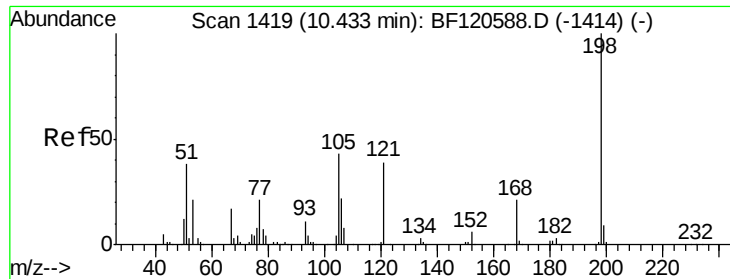
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.5	11.3
80	9.0	7.7	11.5





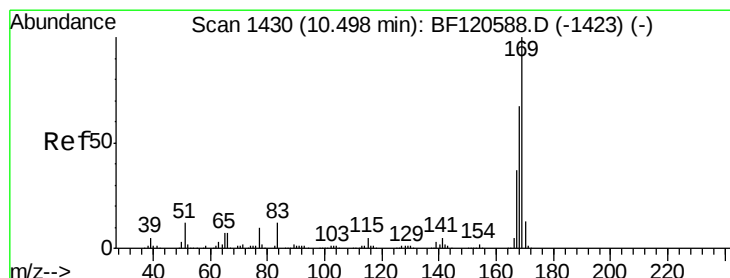
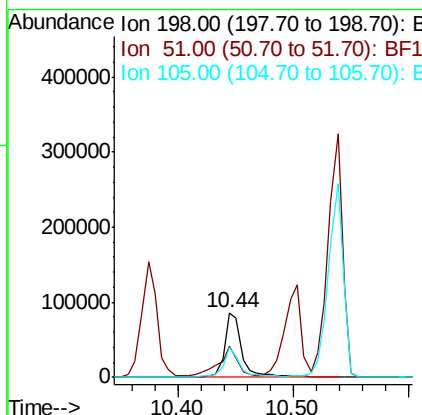
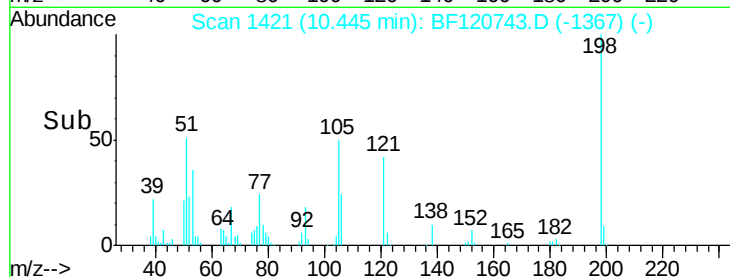
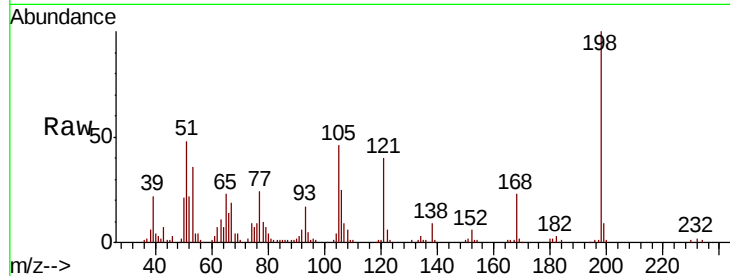
#65
4,6-Dinitro-2-methylphenol
Concen: 55.323 ng
RT: 10.44 min Scan# 1421
Delta R.T. 0.02 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	48.1	23.6	63.6
105	46.2	24.0	64.0

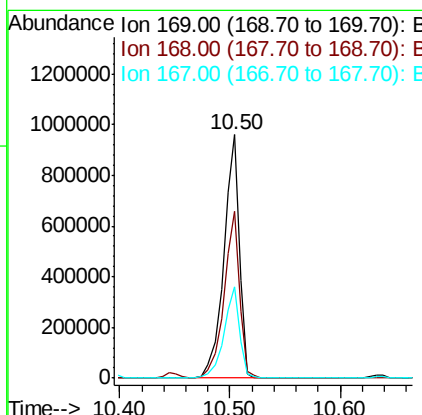
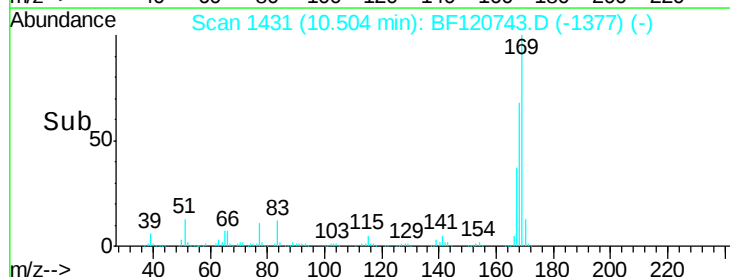
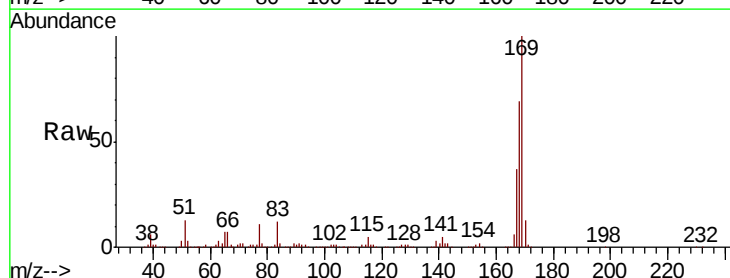
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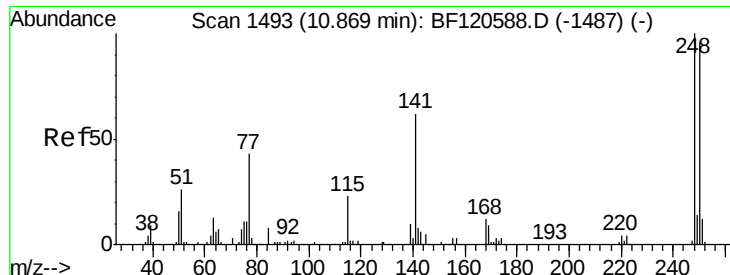
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#66
n-Nitrosodiphenylamine
Concen: 111.395 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.02 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.7	53.2	79.8
167	37.3	29.2	43.8





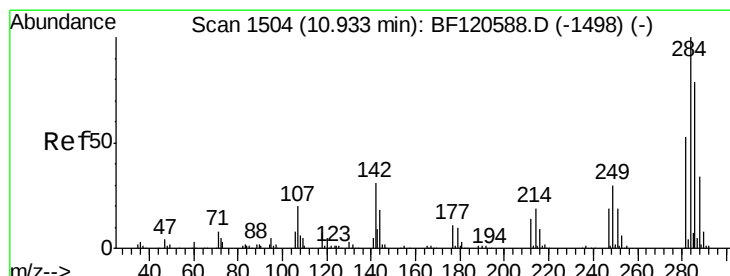
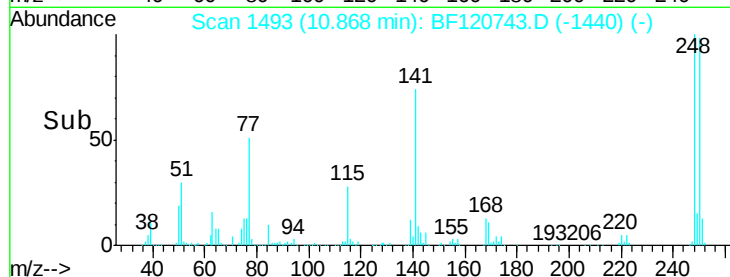
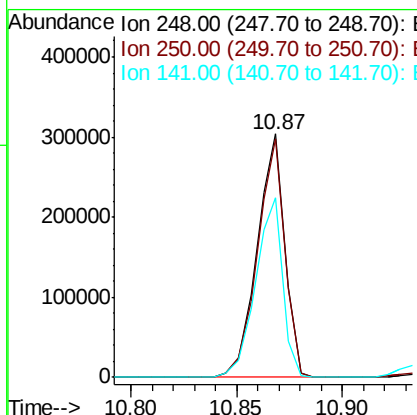
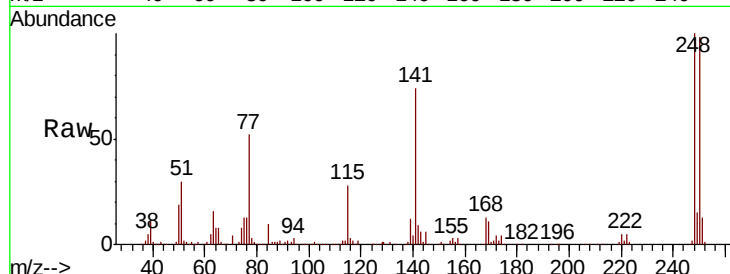
#67
 4-Bromophenyl-phenylether
 Concen: 88.772 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.01 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Tot Ion:	248	Resp:	276382
Ion Ratio	Lower	Upper	
248	100		
250	98.1	77.8	116.6
141	73.5	52.0	78.0

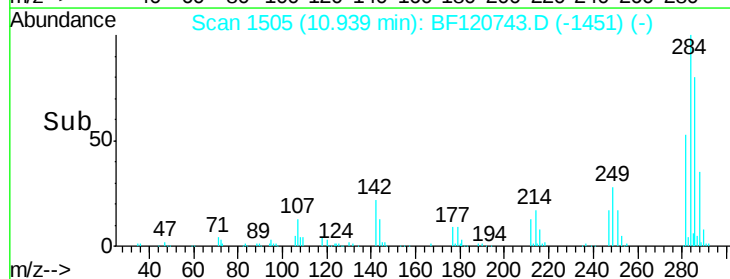
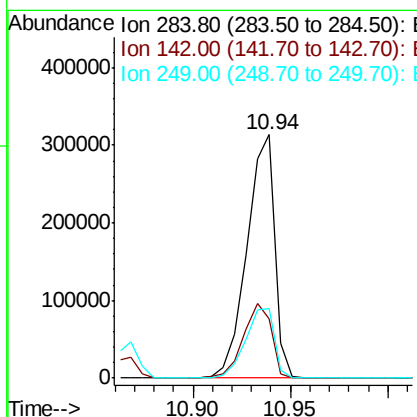
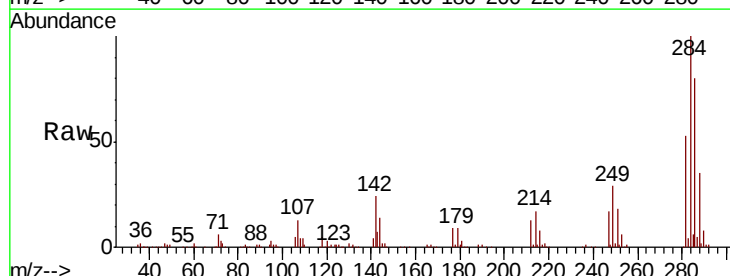
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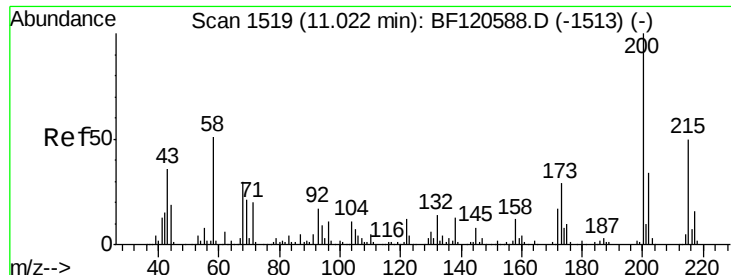
mohammad
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#68
 Hexachlorobenzene
 Concen: 92.434 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. 0.02 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Tgt Ion:	284	Resp:	309411
Ion Ratio	Lower	Upper	
284	100		
142	24.2	26.7	40.1#
249	28.6	24.0	36.0





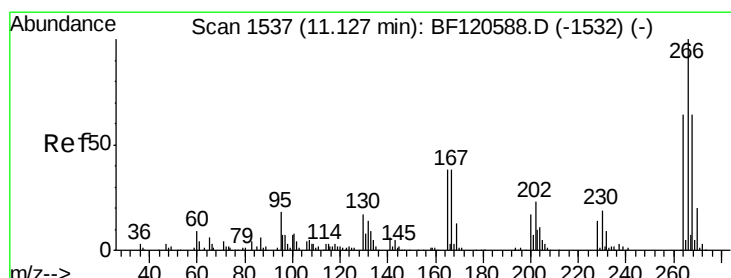
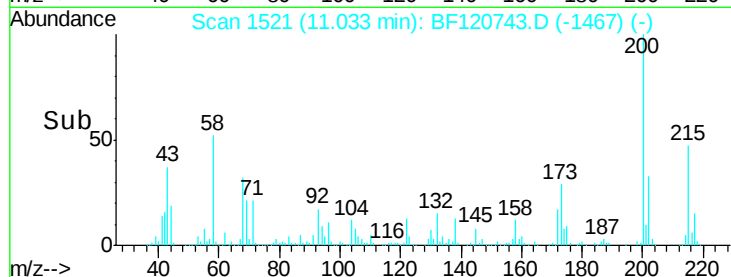
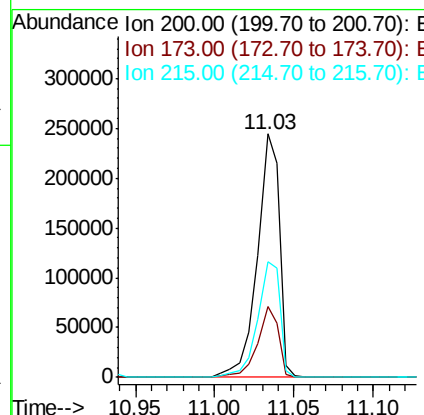
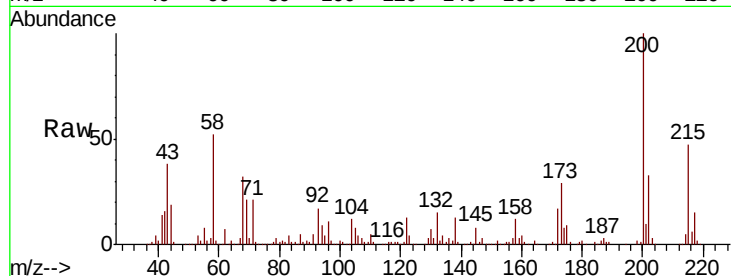
#69
Atrazine
Concen: 90.834 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.02 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.2	6.7	46.7
215	47.4	28.6	68.6

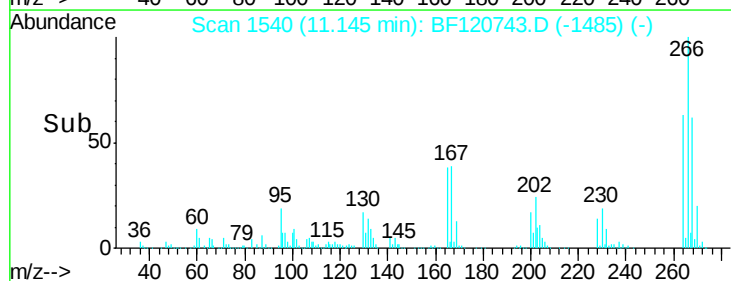
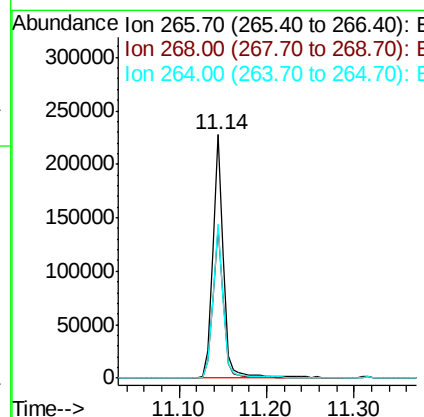
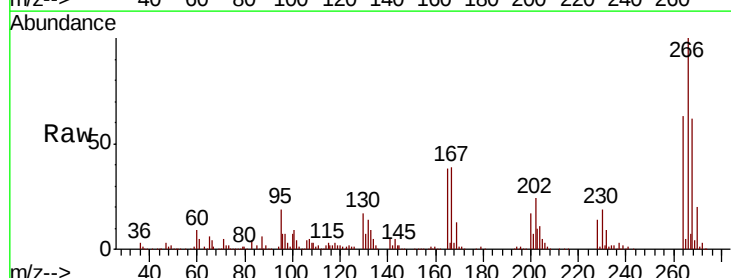
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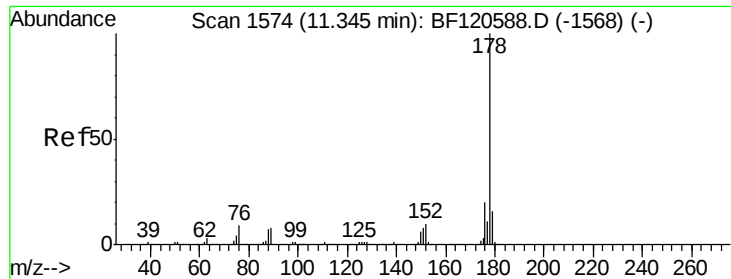
mohammad
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#70
Pentachlorophenol
Concen: 104.205 ng
RT: 11.14 min Scan# 1540
Delta R.T. 0.02 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.7	51.8	77.6
264	63.1	51.3	76.9





#71

Phenanthrene

Concen: 54.389 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

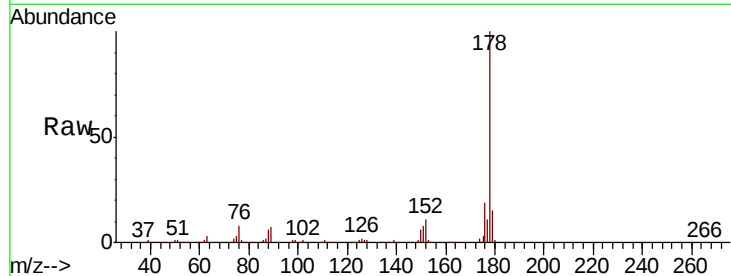
ClientSampleId :

CL-01-062420MS

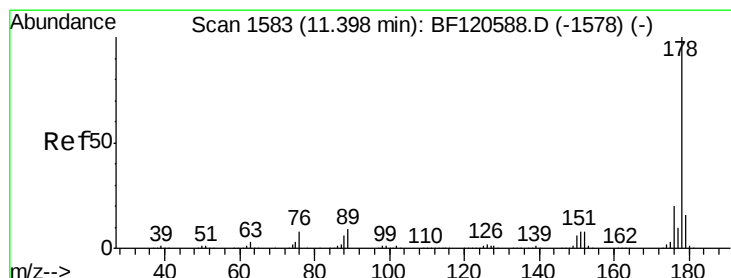
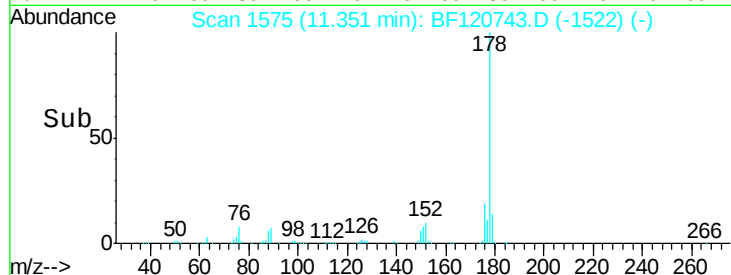
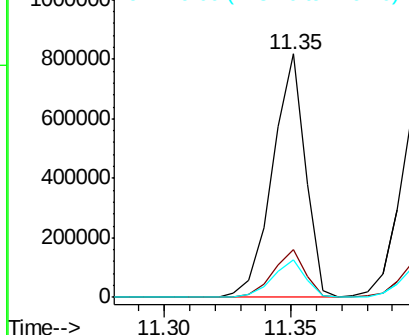
Tot Ion:178	Resp:	741684
Ion Ratio	Lower	Upper
178	100	
176	19.4	15.8 23.6
179	15.2	12.3 18.5

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 55.871 ng

RT: 11.40 min Scan# 1584

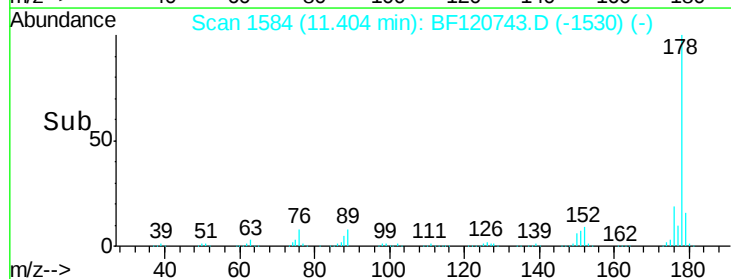
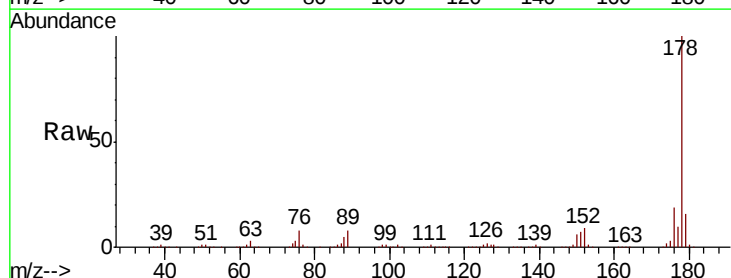
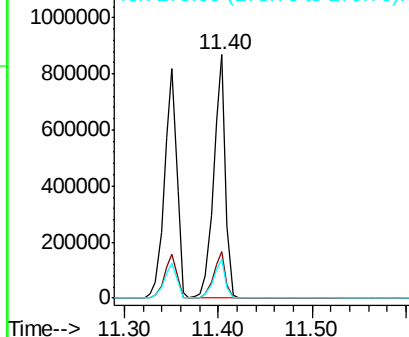
Delta R.T. 0.02 min

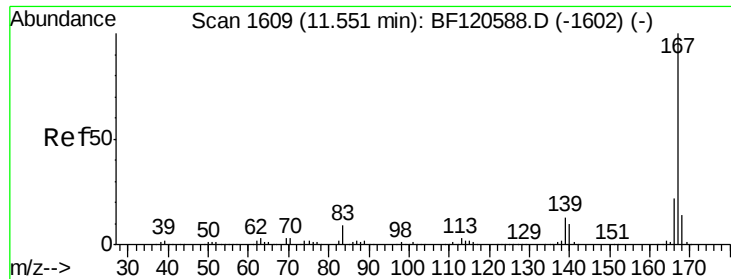
Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Tgt Ion:178	Resp:	767975
Ion Ratio	Lower	Upper
178	100	
176	18.8	15.4 23.2
179	15.8	12.9 19.3

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





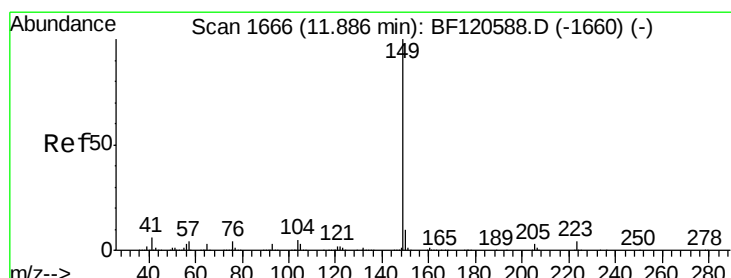
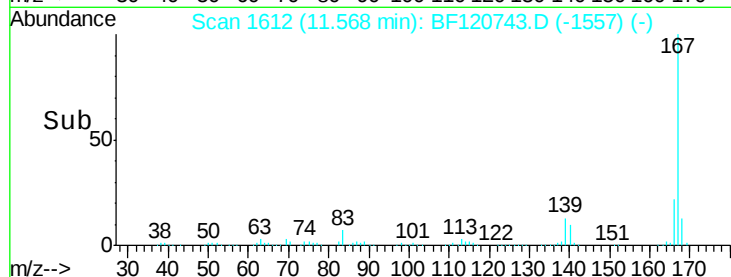
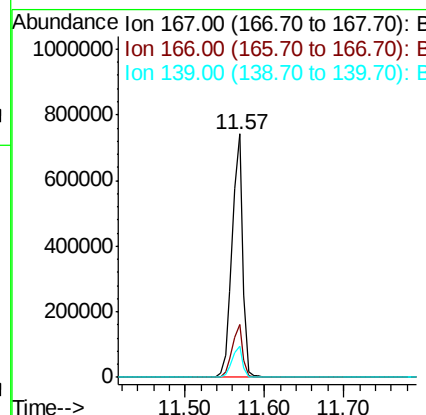
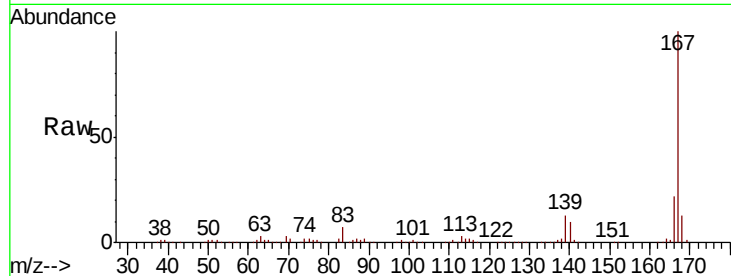
#73
 Carbazole
 Concen: 50.844 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.02 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.7	26.5
139	12.7	10.2	15.2

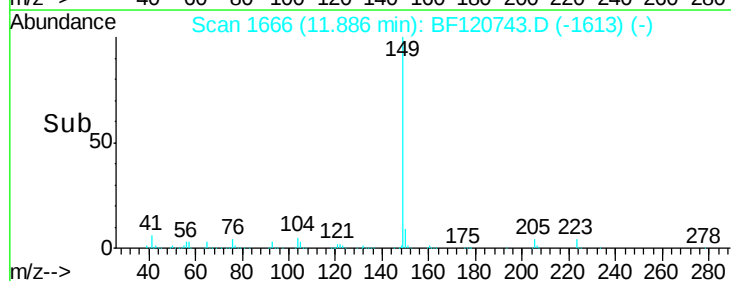
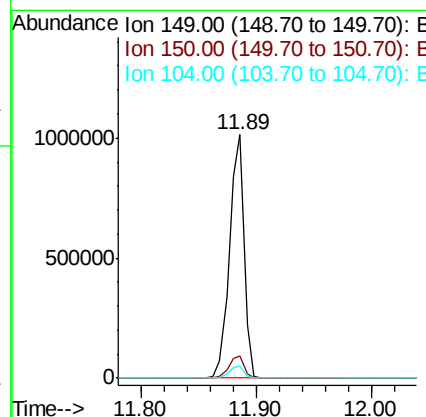
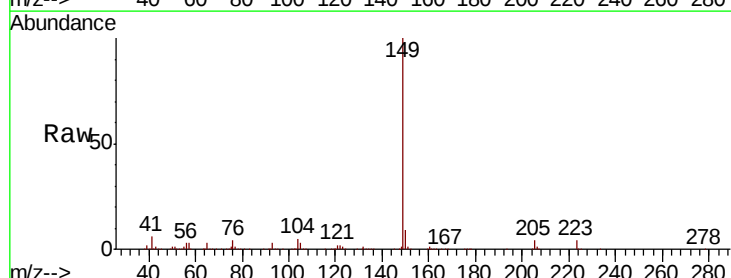
Manual Integrations
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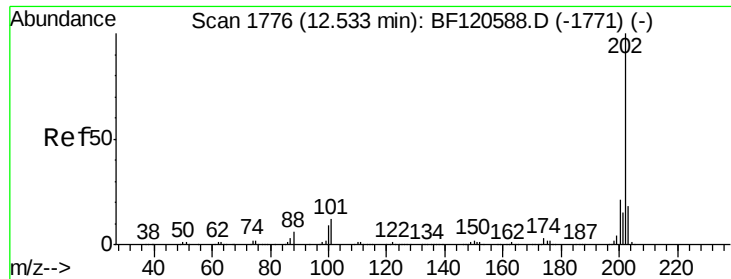
mohammad
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#74
 Di-n-butylphthalate
 Concen: 57.844 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.01 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	4.7	3.6	5.4





#75

Fluoranthene

Concen: 52.806 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

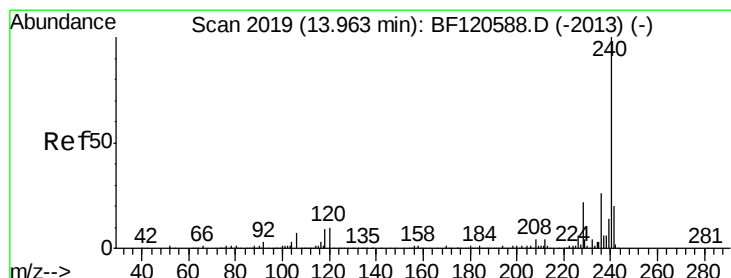
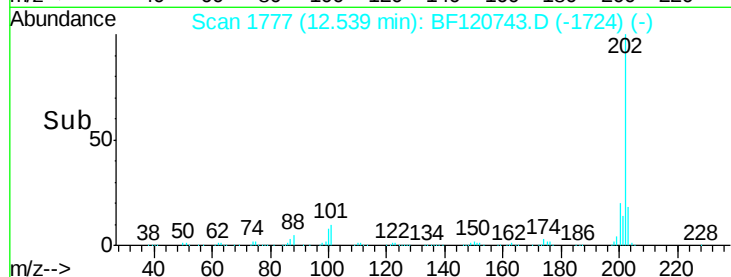
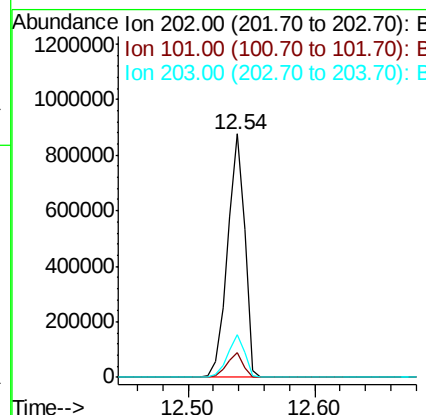
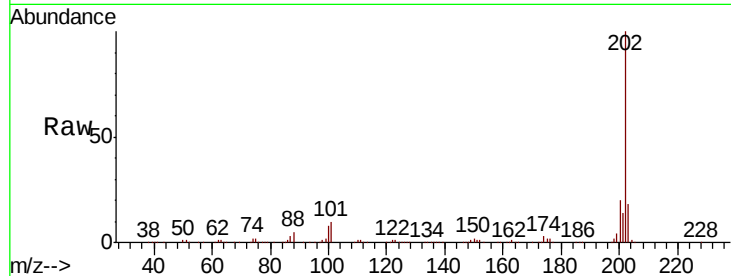
ClientSampleId :

CL-01-062420MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		823306		
101	10.3	0.0	29.8		
203	17.6	0.0	37.7		

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#76

Chrysene-d12

Concen: 20.000 ng

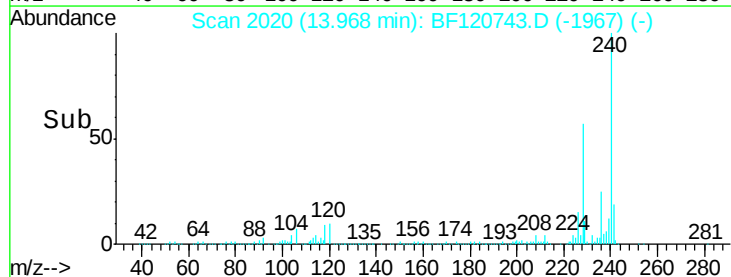
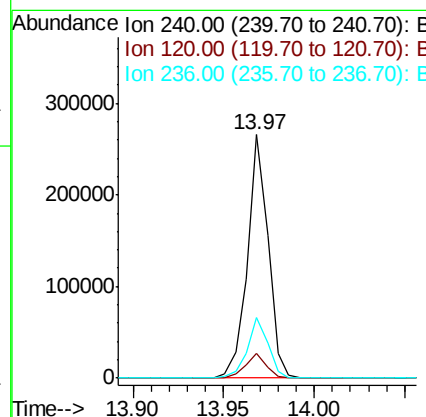
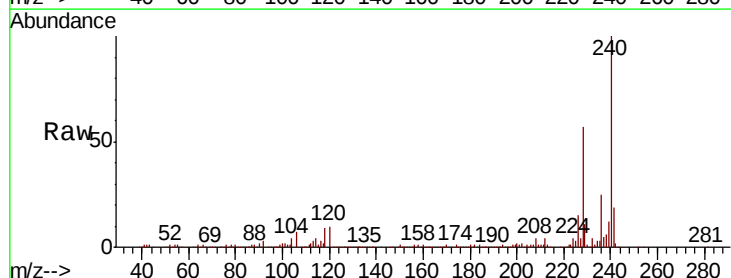
RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		209926		
120	10.0	7.6	11.4		
236	25.1	21.0	31.4		





#77

Benzidine

Concen: 33.272 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

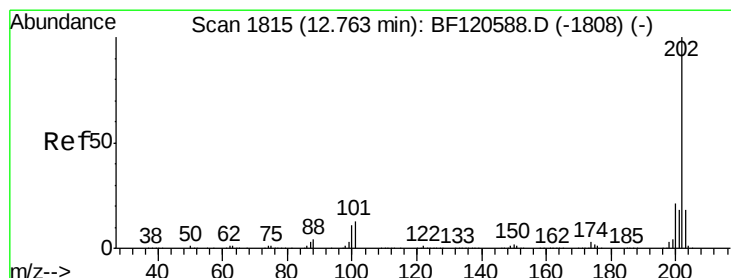
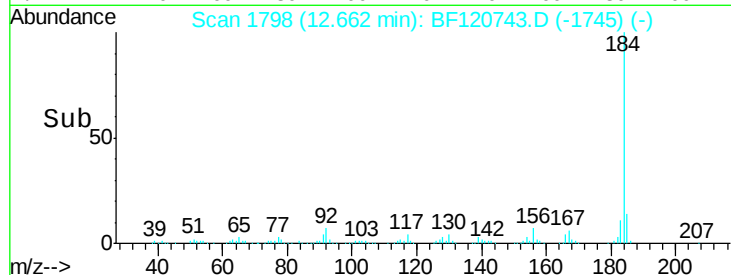
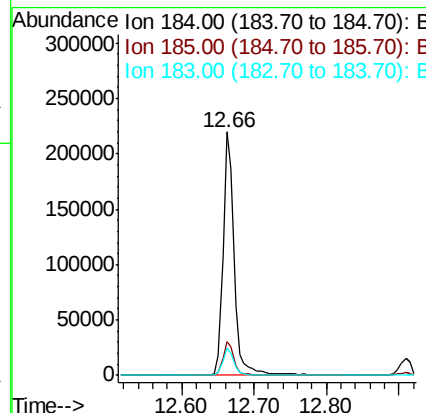
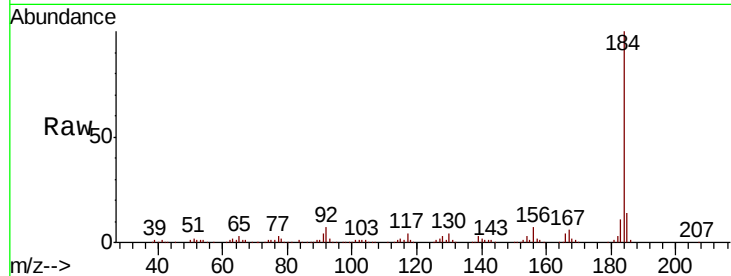
ClientSampleId :

CL-01-062420MS

Tot Ion:	184	Resp:	236215
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.9	17.9
183	11.3	8.6	12.8

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#78

Pyrene

Concen: 54.408 ng

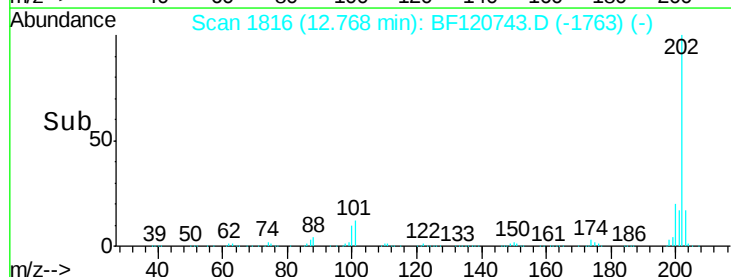
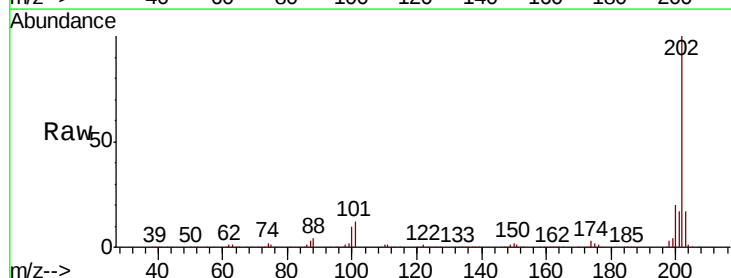
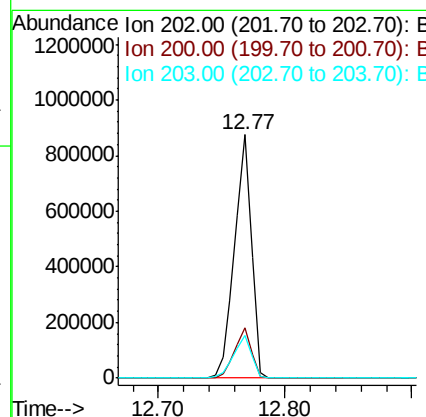
RT: 12.77 min Scan# 1816

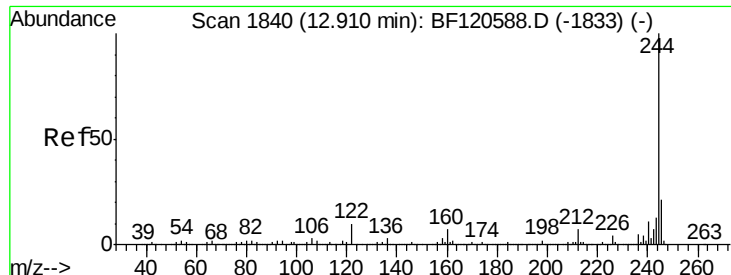
Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Tgt Ion:	202	Resp:	809124
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.6	25.0
203	17.4	14.2	21.2





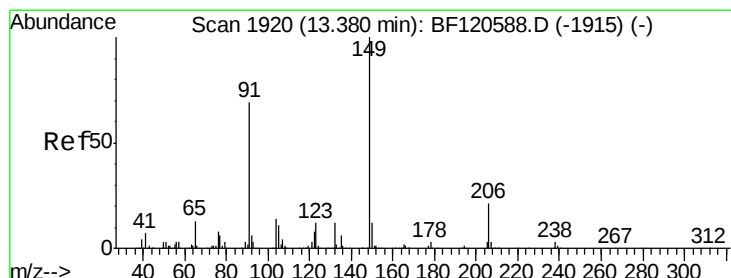
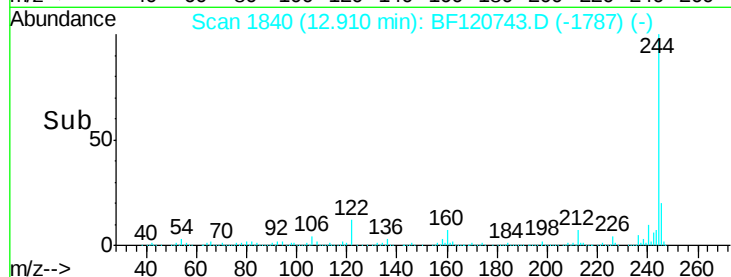
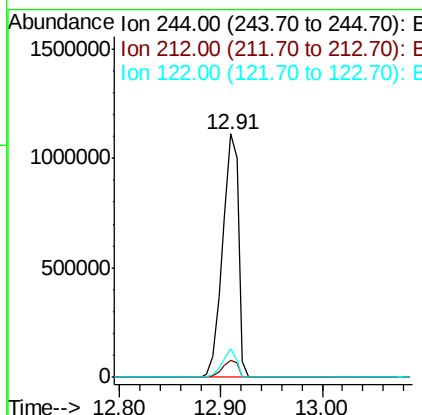
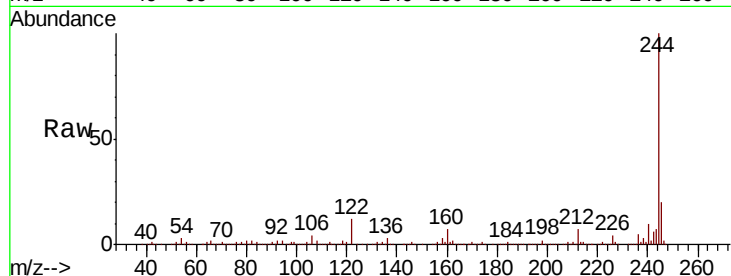
#79
 Terphenyl-d14
 Concen: 126.778 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	11.6	8.8	13.2

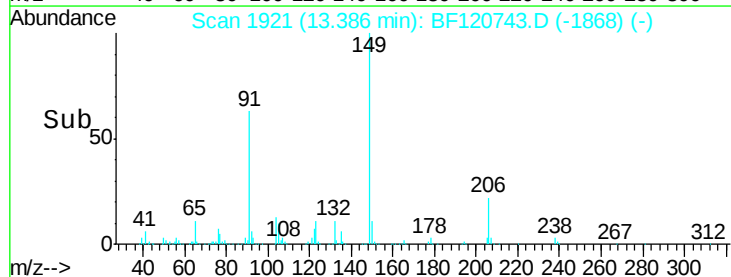
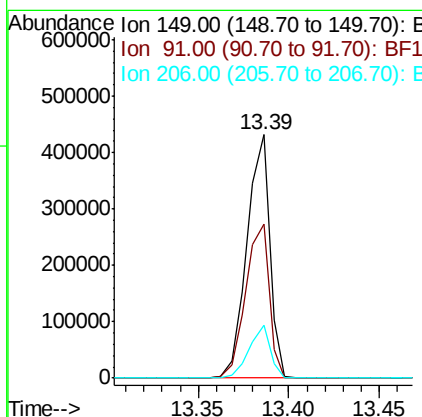
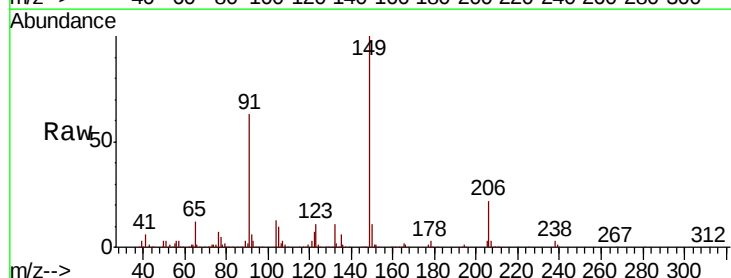
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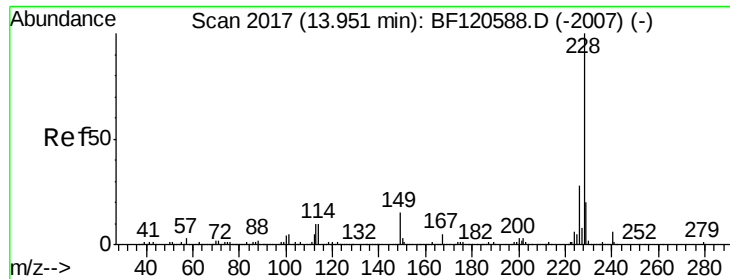
mohammad
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#80
 Butylbenzylphthalate
 Concen: 57.412 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.5	50.0	75.0
206	21.6	17.6	26.4





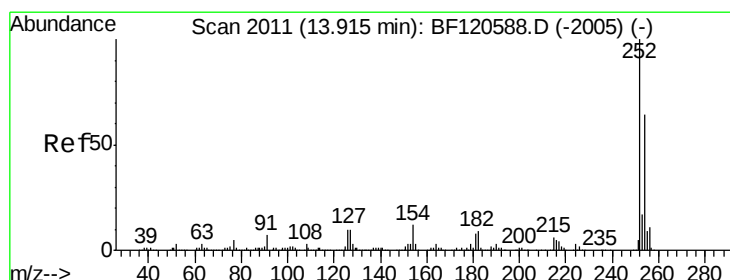
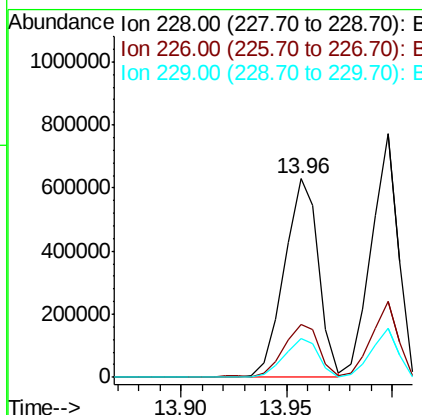
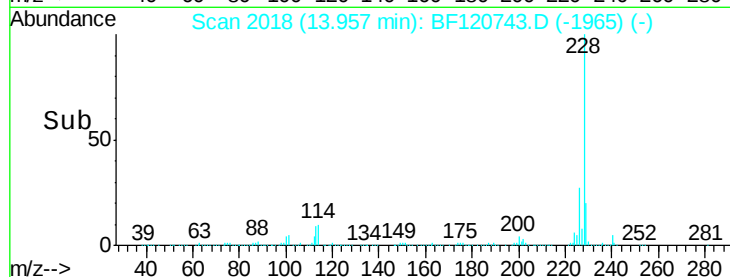
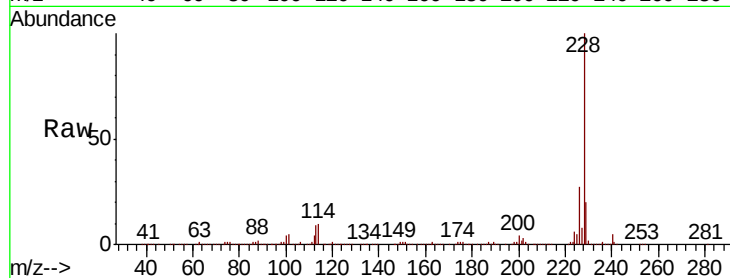
#81
Benzo(a)anthracene
Concen: 56.142 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	19.8	16.3	24.5

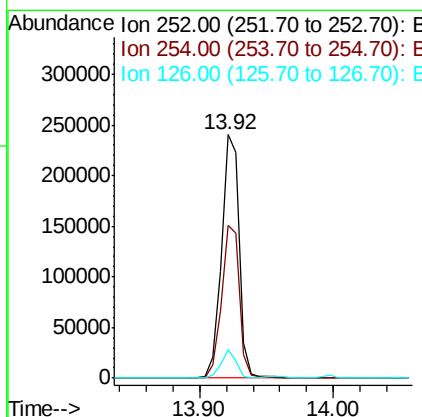
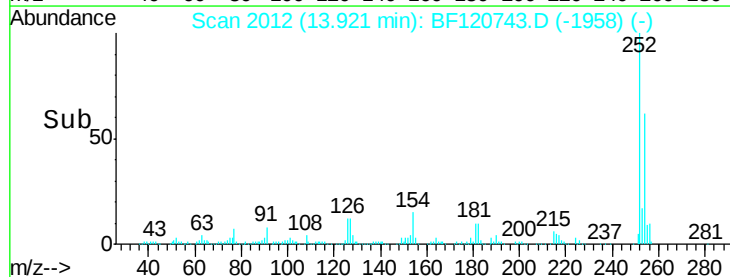
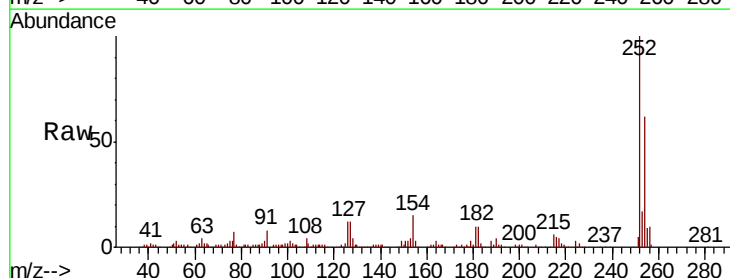
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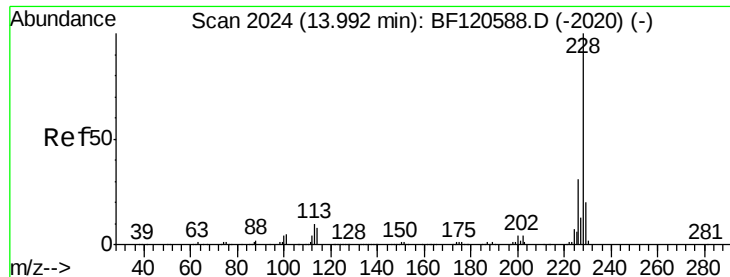
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 46.937 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.02 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.5	50.8	76.2
126	11.9	9.6	14.4





#83

Chrvsene

Concen: 53.081 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.02 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

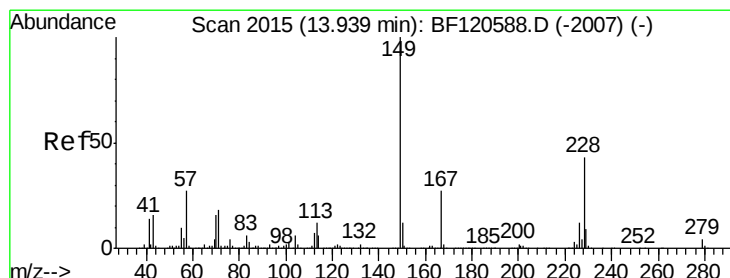
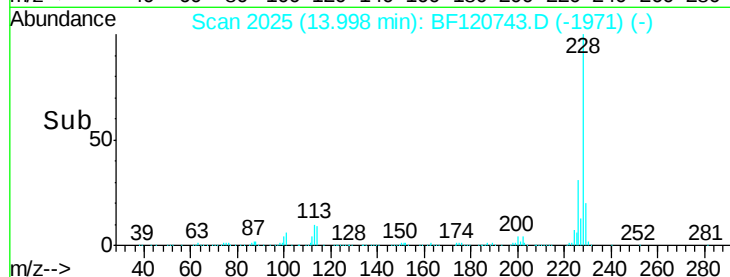
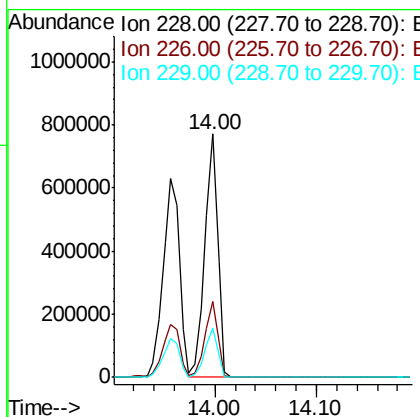
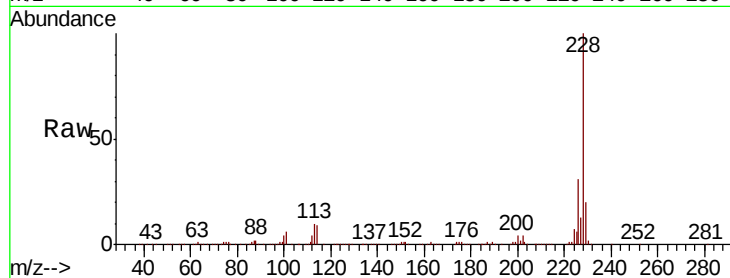
ClientSampleId :

CL-01-062420MS

Tot Ion:	228	Resp:	686712
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.0	37.6
229	20.1	16.1	24.1

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#84

Bis(2-ethylhexyl)phthalate

Concen: 66.678 ng

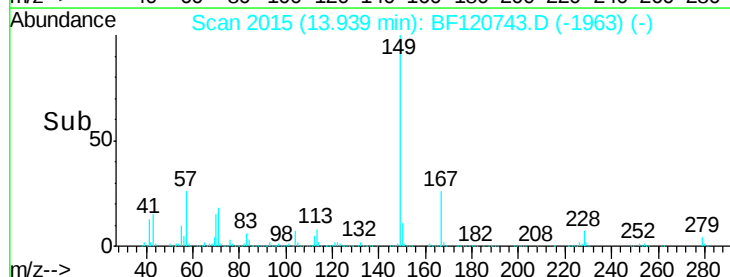
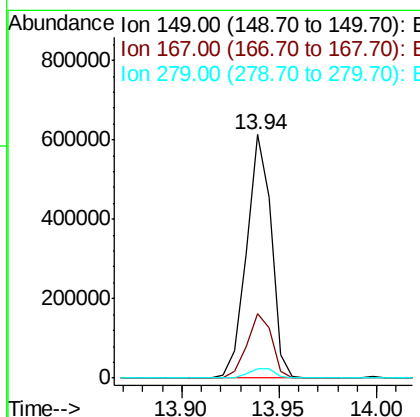
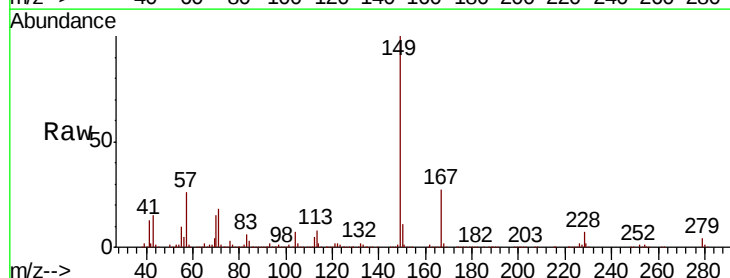
RT: 13.94 min Scan# 2015

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Tgt Ion:	149	Resp:	537365
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.9	32.9
279	3.8	3.6	5.4





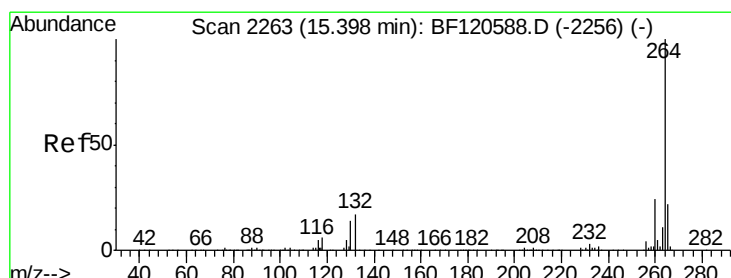
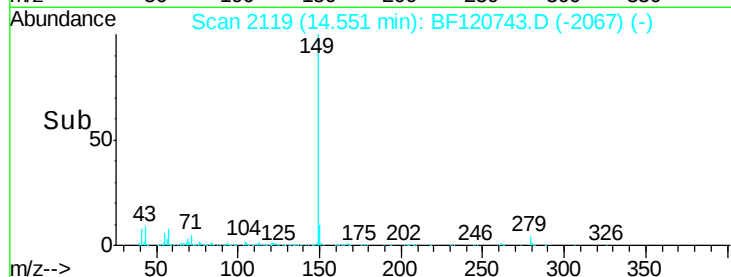
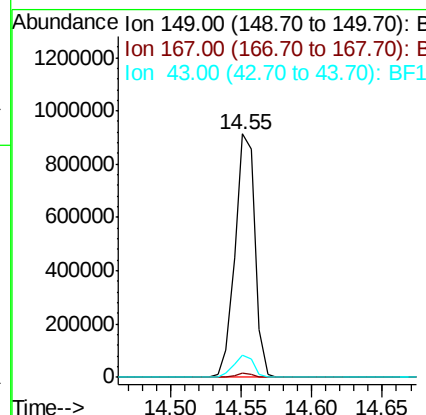
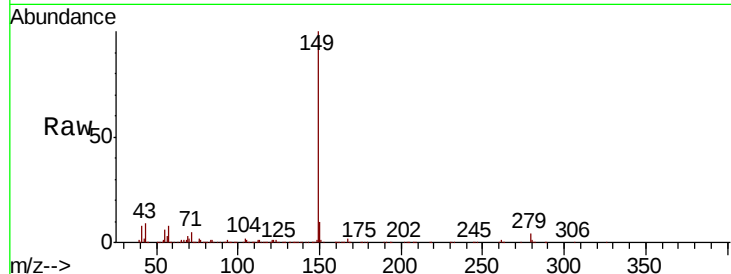
#85
Di-n-octyl phthalate
Concen: 58.009 ng
RT: 14.55 min Scan# 2119
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	892208		
167	1.7		1.2	1.8
43	8.9		7.3	10.9

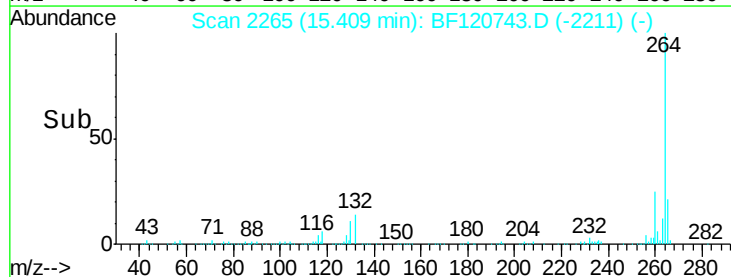
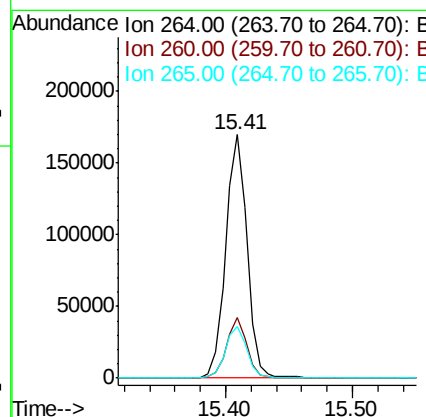
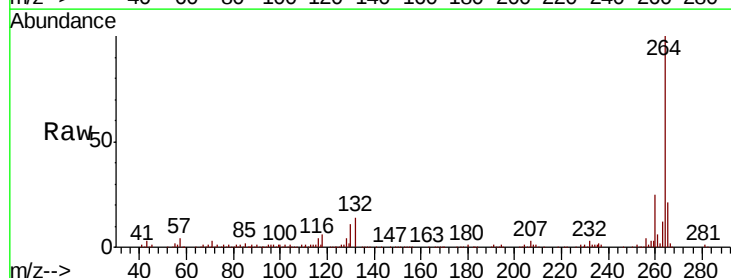
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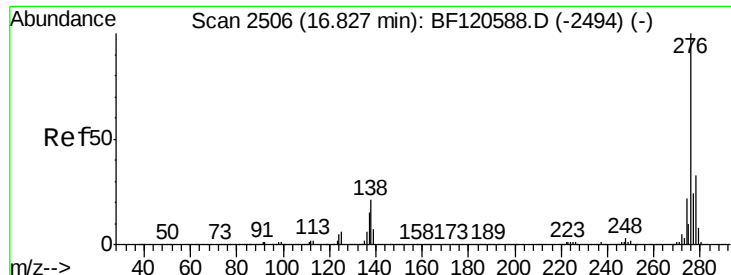
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.02 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	198924		
260	24.7		19.4	29.2
265	21.4		17.4	26.0





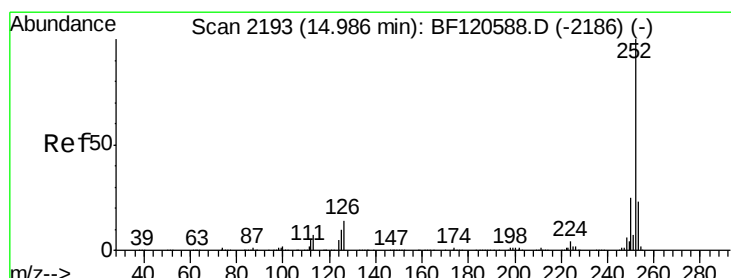
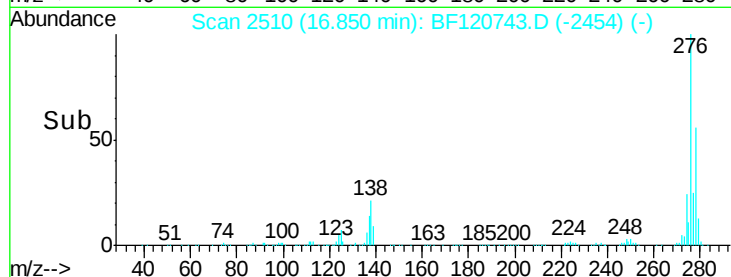
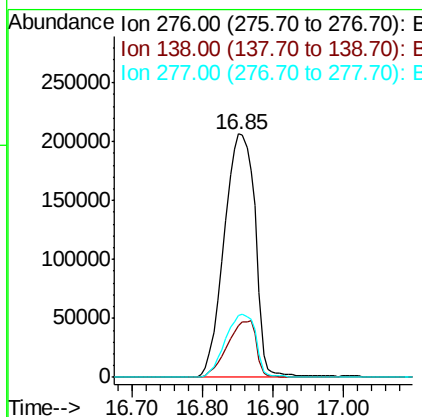
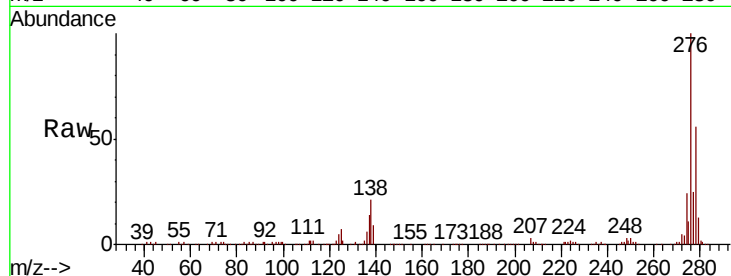
#87
Indeno(1,2,3-cd)pyrene
Concen: 52.303 ng
RT: 16.85 min Scan# 2510
Delta R.T. 0.03 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.6	18.4	27.6
277	25.8	19.8	29.8

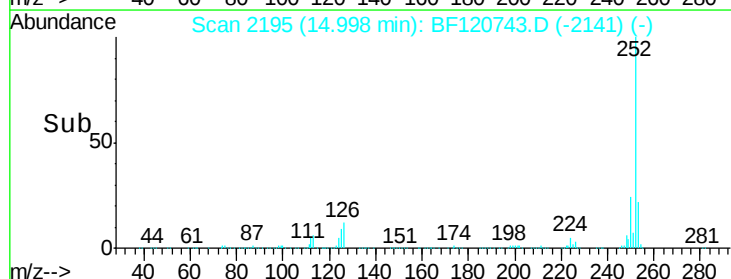
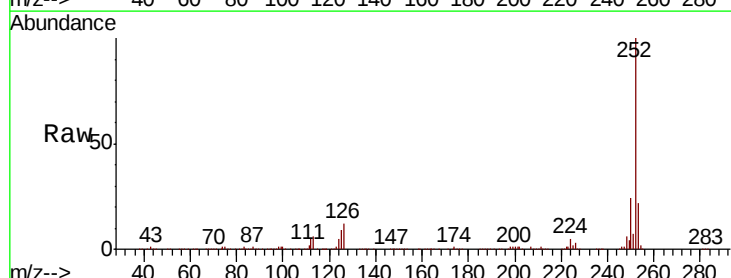
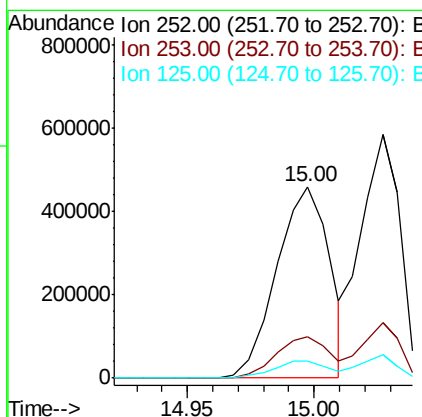
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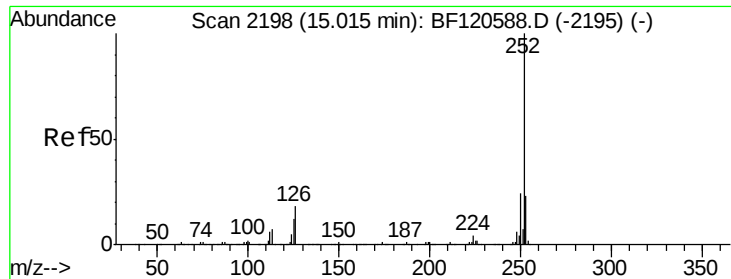
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#88
Benzo(b)fluoranthene
Concen: 56.366 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.02 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	9.2	7.9	11.9





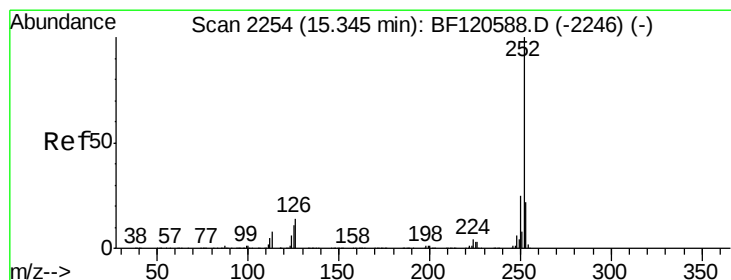
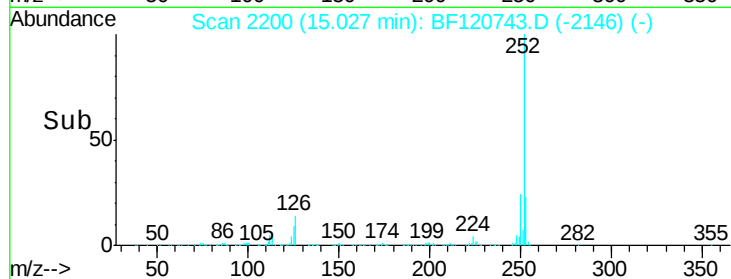
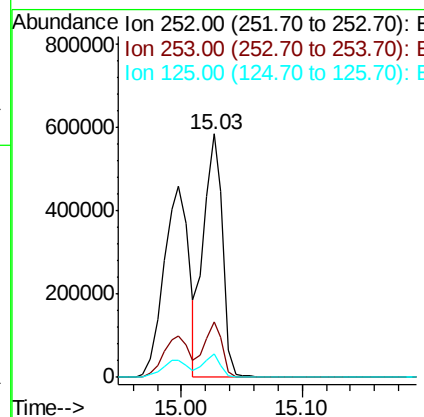
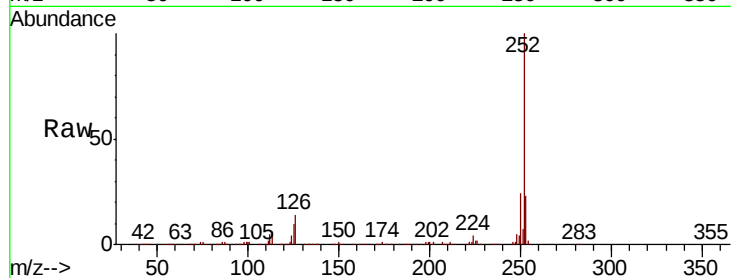
#89
Benzo(k)fluoranthene
Concen: 60.441 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.02 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	9.6	7.4	11.2

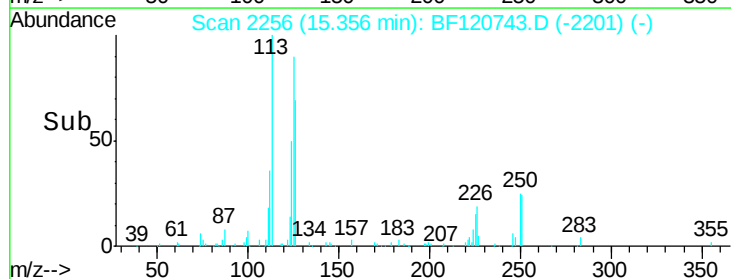
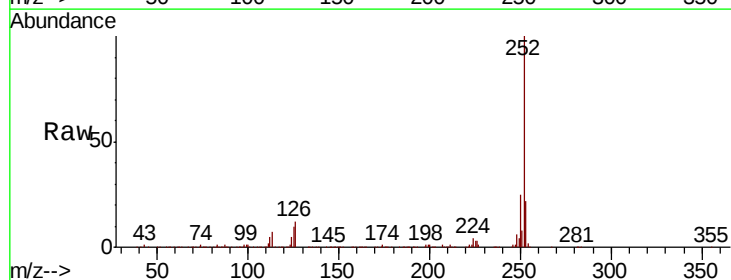
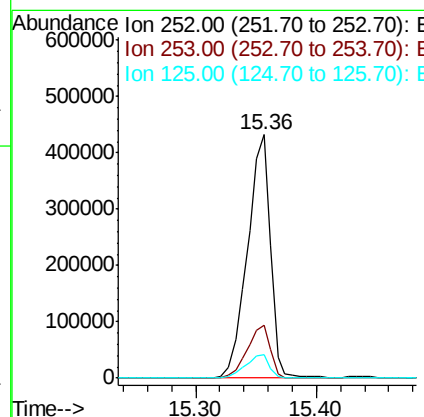
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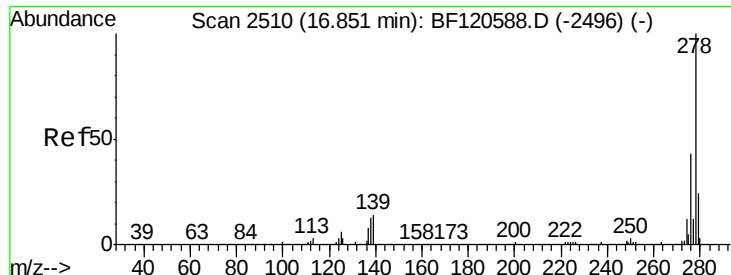
mohammad
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#90
Benzo(a)pyrene
Concen: 54.208 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.02 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	9.7	9.0	13.6





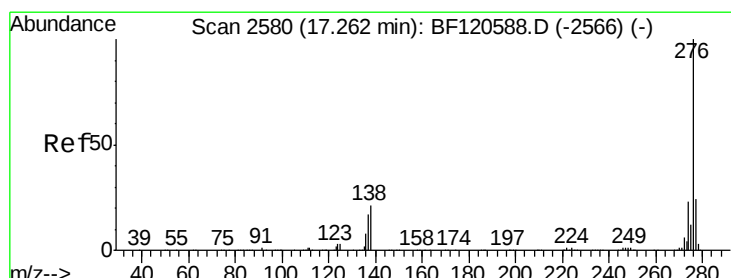
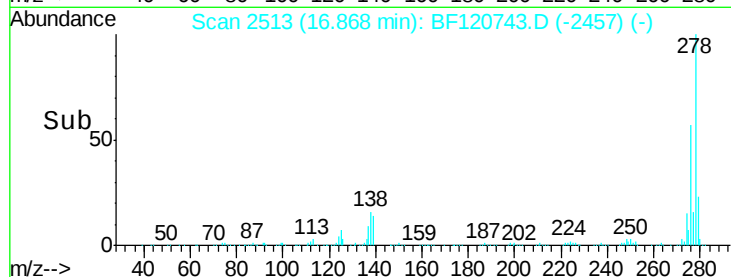
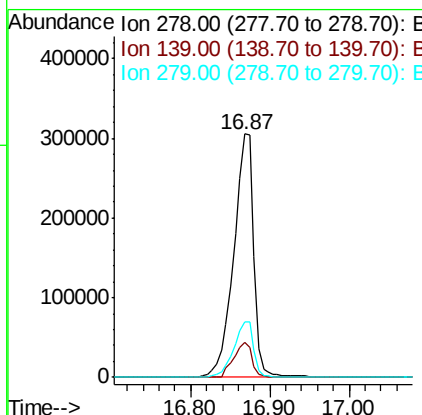
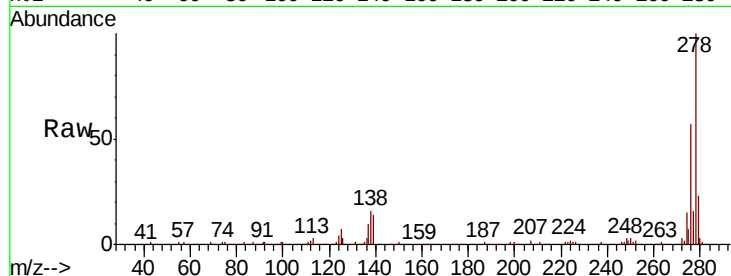
#91
Dibenzo(a,h)anthracene
Concen: 55.181 ng
RT: 16.87 min Scan# 2513
Delta R.T. 0.03 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.3	11.9	17.9
279	23.0	19.2	28.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 51.108 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.04 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.3	27.5
138	16.8	16.6	24.8

