

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
 Data File : BF120742.D
 Acq On : 29 Jun 2020 22:06
 Operator : JU/CG
 Sample : L2811-04MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Manual Integrations
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Quant Time: Jun 30 02:27:35 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	58165	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	217657	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	110557	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	205783	20.00	ng	0.01
76) Chrysene-d12	13.97	240	368588	20.00	ng	0.01
86) Perylene-d12	15.41	264	417287	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	461023	135.89	ng	0.09
7) Phenol-d6	6.51	99	502139	118.84	ng	0.08
23) Nitrobenzene-d5	7.37	82	409168	105.08	ng	0.01
42) 2,4,6-Tribromophenol	10.64	330	188990	147.03	ng	0.02
45) 2-Fluorobiphenyl	9.16	172	828917	114.71	ng	0.00
79) Terphenyl-d14	12.91	244	1605268	96.20	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	123133	76.578	ng	97
3) Pyridine	3.39	79	307348	67.994	ng	99
4) n-Nitrosodimethylamine	3.31	42	172539	91.977	ng	96
6) Aniline	6.47	93	145462	26.899	ng	98
8) 2-Chlorophenol	6.62	128	196787	51.330	ng	95
9) Benzaldehyde	6.35	77	47498	17.772	ng	100
10) Phenol	6.53	94	190895	42.342	ng	87
11) bis(2-Chloroethyl)ether	6.53	93	187464	49.921	ng	99
12) 1,3-Dichlorobenzene	6.74	146	213274	52.328	ng	96
13) 1,4-Dichlorobenzene	6.82	146	221376	55.051	ng	100
14) 1,2-Dichlorobenzene	6.97	146	198783	50.746	ng	98
15) Benzyl Alcohol	6.97	79	161387	53.857	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	236525	43.744	ng	100
17) 2-Methylphenol	7.10	107	152377	46.601	ng	95
18) Hexachloroethane	7.31	117	69565	46.947	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	137216	55.982	ng	96
20) 3+4-Methylphenols	7.26	107	198746	48.641	ng	# 62
22) Acetophenone	7.22	105	273707	56.248	ng	# 90
24) Nitrobenzene	7.39	77	209386	51.385	ng	98
25) Isophorone	7.63	82	362812	47.832	ng	99
26) 2-Nitrophenol	7.70	139	96874	44.938	ng	94
27) 2,4-Dimethylphenol	7.77	122	157803	49.716	ng	96
28) bis(2-Chloroethoxy)methane	7.83	93	228258	51.913	ng	99
29) 2,4-Dichlorophenol	7.97	162	168181	52.126	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	189796	53.081	ng	98
31) Naphthalene	8.10	128	580926	54.355	ng	99
32) Benzoic acid	7.92	122	77030	31.630	ng	94
33) 4-Chloroaniline	8.16	127	96333	19.637	ng	96
34) Hexachlorobutadiene	8.22	225	116311	55.805	ng	99
35) Caprolactam	8.55	113	38551	37.358	ng	96
36) 4-Chloro-3-methylphenol	8.68	107	172594	53.543	ng	95
37) 2-Methylnaphthalene	8.80	142	397785	57.014	ng	98
38) 1-Methylnaphthalene	8.89	142	376806	57.395	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	191792	58.099	ng	98

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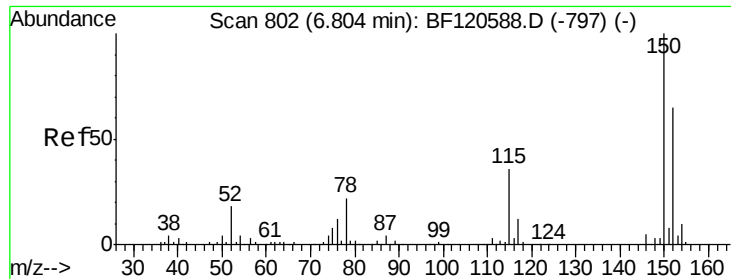
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	33725	18.231	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	122311	52.232	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	121129	45.593	nq	96
46) 1,1'-Biphenyl	9.26	154	484570	58.697	nq	99
47) 2-Chloronaphthalene	9.29	162	372848	55.231	nq	98
48) 2-Nitroaniline	9.40	65	115114	54.294	nq	100
49) Acenaphthylene	9.70	152	566755	54.399	nq	100
50) Dimethylphthalate	9.56	163	451714	56.731	nq	99
51) 2,6-Dinitrotoluene	9.63	165	94352	52.287	nq	96
52) Acenaphthene	9.87	154	341310	54.929	nq	98
53) 3-Nitroaniline	9.81	138	77828	35.909	nq	95
54) 2,4-Dinitrophenol	9.92	184	1206	4.158	nq	# 85
55) Dibenzofuran	10.05	168	512855	53.829	nq	97
56) 4-Nitrophenol	10.02	139	87247m	53.449	nq	
57) 2,4-Dinitrotoluene	10.03	165	116300	48.571	nq	# 76
58) Fluorene	10.39	166	416477	56.705	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	100946	48.297	nq	# 94
60) Diethylphthalate	10.26	149	451214	57.538	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	205079	54.069	nq	# 90
62) 4-Nitroaniline	10.43	138	91831	42.679	nq	89
63) Azobenzene	10.54	77	379847	53.361	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	6345	5.139	nq	97
66) n-Nitrosodiphenylamine	10.50	169	365656	57.862	nq	100
67) 4-Bromophenyl-phenylether	10.87	248	128651	55.086	nq	99
68) Hexachlorobenzene	10.93	284	140232	55.847	nq	99
69) Atrazine	11.03	200	96669	49.433	nq	99
70) Pentachlorophenol	11.15	266	79235	56.758	nq	98
71) Phenanthrene	11.35	178	570213	55.742	nq	99
72) Anthracene	11.40	178	591093	57.326	nq	98
73) Carbazole	11.57	167	524440	51.381	nq	99
74) Di-n-butylphthalate	11.89	149	692730	60.369	nq	99
75) Fluoranthene	12.54	202	589751	50.425	nq	99
77) Benzidine	12.66	184	183342	14.708	nq	98
78) Pyrene	12.77	202	979028	37.494	nq	100
80) Butylbenzylphthalate	13.39	149	481962	41.568	nq	99
81) Benzo(a)anthracene	13.96	228	1169266	52.802	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	426543	50.428	nq	98
83) Chrysene	14.00	228	1148612	50.567	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	820212	57.965	nq	99
85) Di-n-octyl phthalate	14.55	149	1384887	51.282	nq	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1286243	50.674	nq	99
88) Benzo(b)fluoranthene	15.00	252	1253137	50.414	nq	100
89) Benzo(k)fluoranthene	15.03	252	1157345	52.619	nq	98
90) Benzo(a)pyrene	15.36	252	1124863	50.565	nq	98
91) Dibenzo(a,h)anthracene	16.87	278	1071289	52.632	nq	99
92) Benzo(g,h,i)perylene	17.29	276	1002994	48.887	nq	99

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



#1

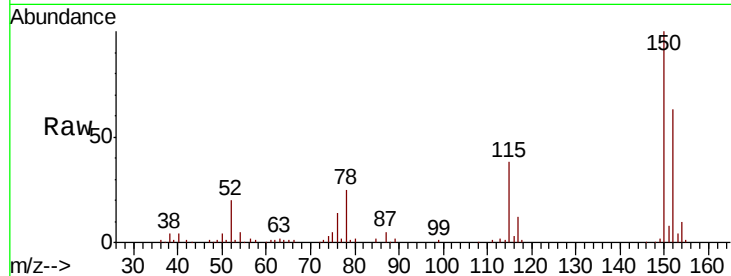
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

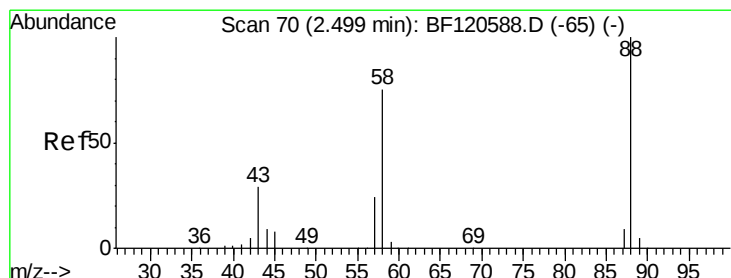
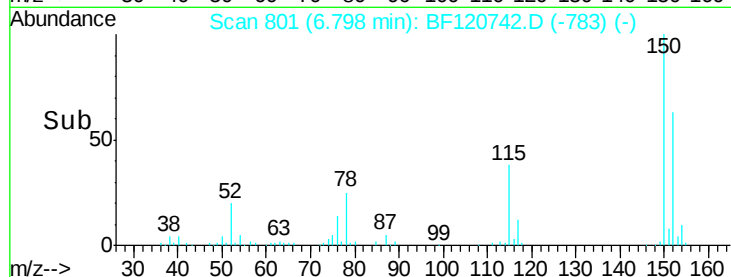
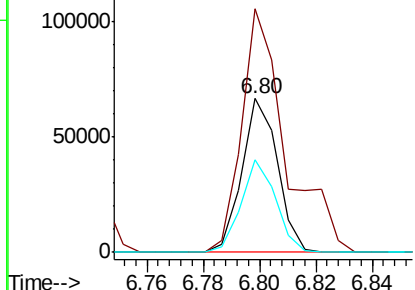
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	187.0
115	59.9	44.2	66.4

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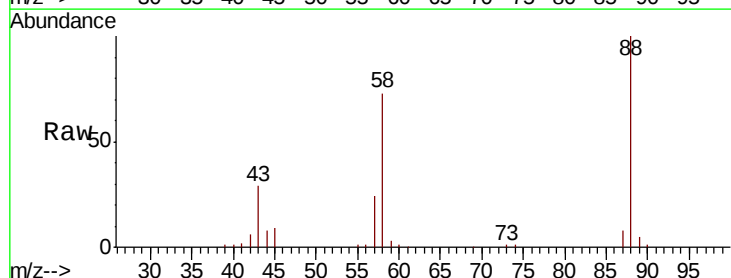
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



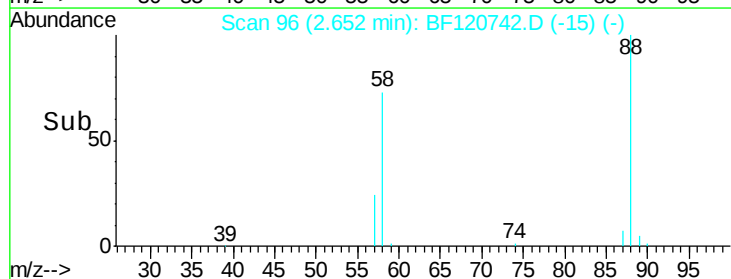
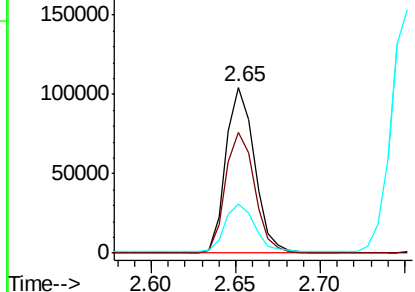
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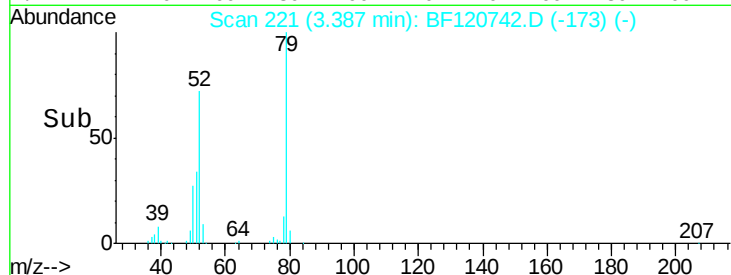
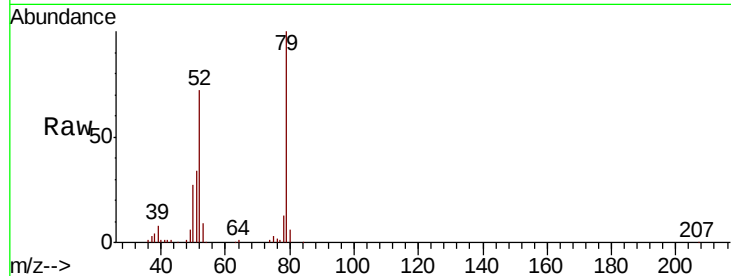
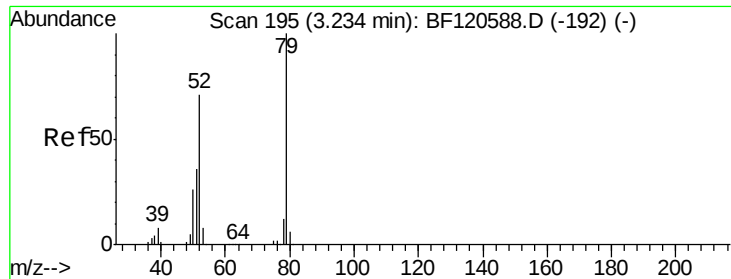
1,4-Dioxane
Concen: 76.578 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.18 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.4	58.5	87.7
43	30.0	21.8	32.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





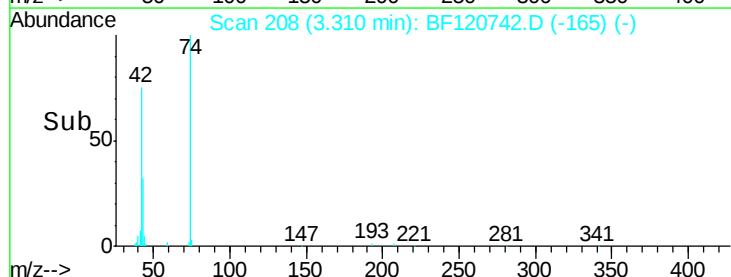
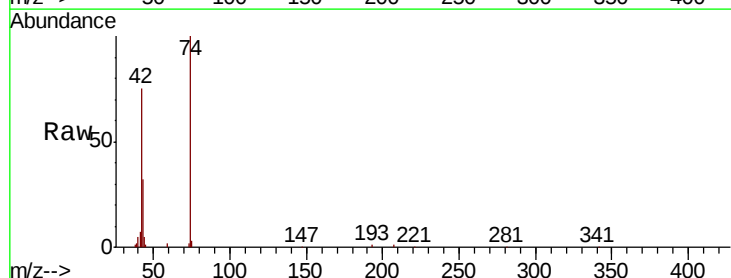
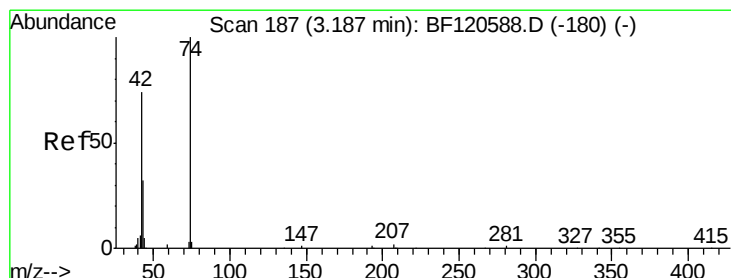
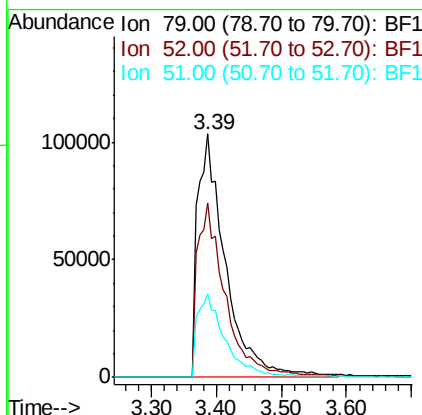
#3
 Pvridine
 Concen: 67.994 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.18 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.5	56.6	84.8
51	34.1	27.4	41.0

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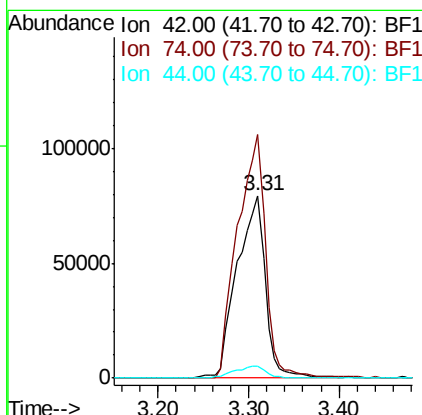
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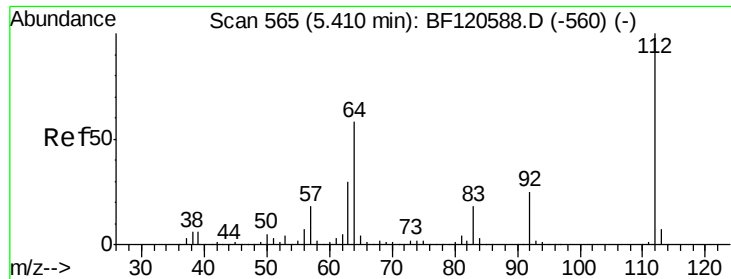
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#4
 n-Nitrosodimethylamine
 Concen: 91.977 ng
 RT: 3.31 min Scan# 208
 Delta R.T. 0.15 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.5	110.7	166.1
44	6.5	5.6	8.4





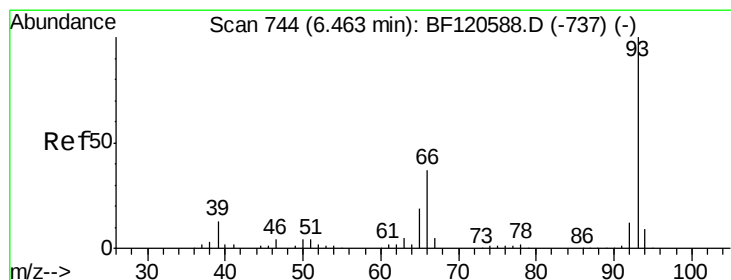
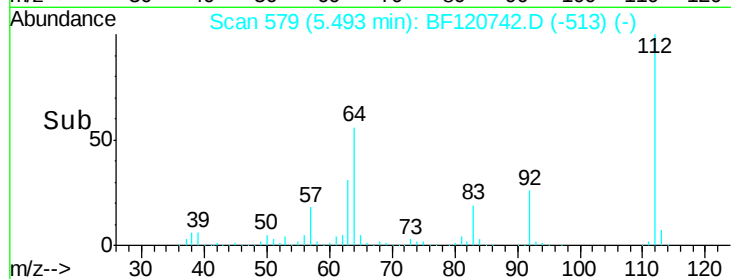
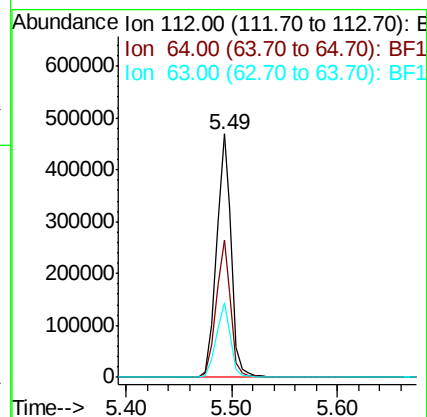
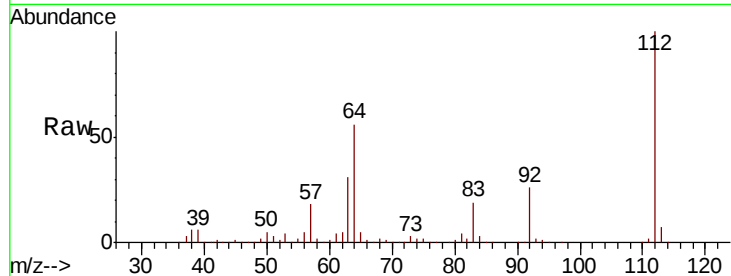
#5
2-Fluorophenol
Concen: 135.890 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.09 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	461023		
64	56.3	42.2	63.2	
63	30.9	21.7	32.5	

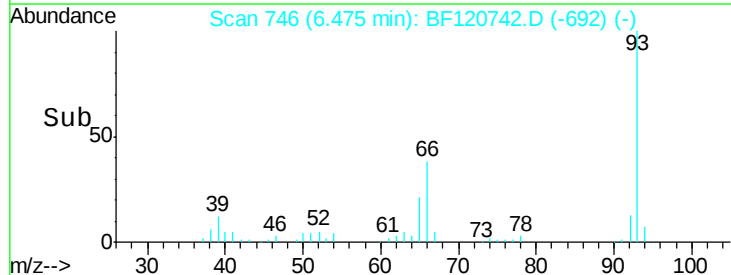
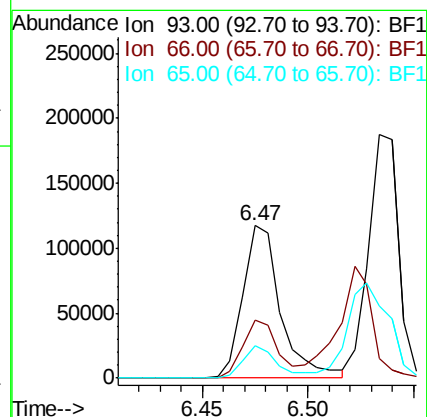
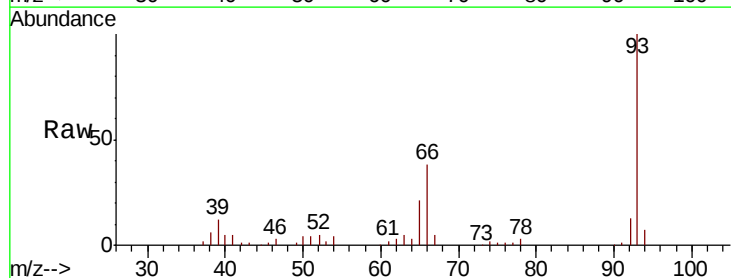
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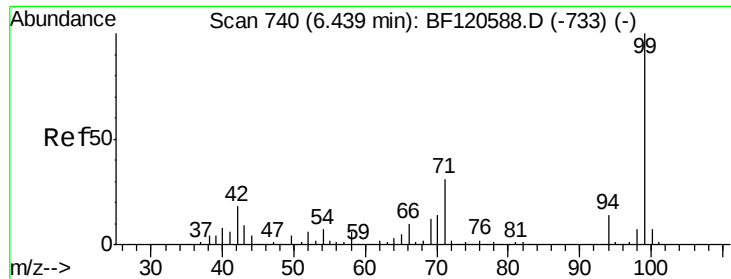
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#6
Aniline
Concen: 26.899 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.02 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	145462		
66	37.9	29.5	44.3	
65	20.9	15.5	23.3	





#7

Phenol-d6

Concen: 118.835 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.08 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Instrument :

BNA_F

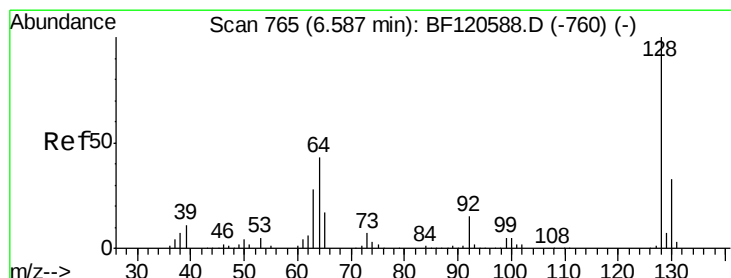
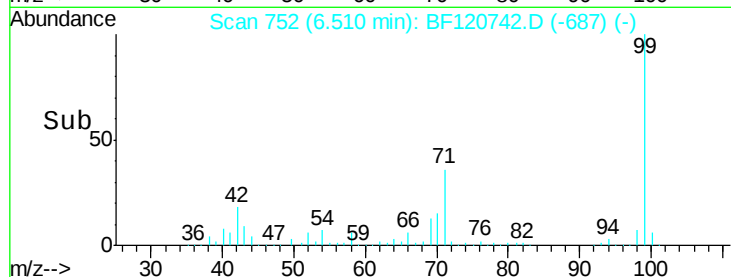
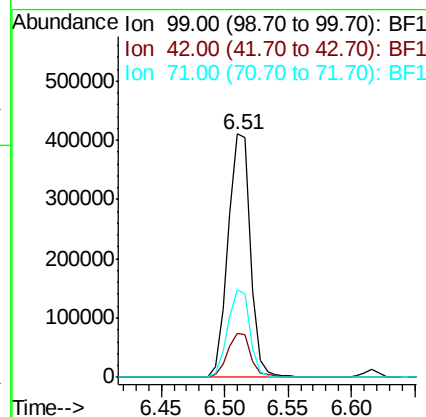
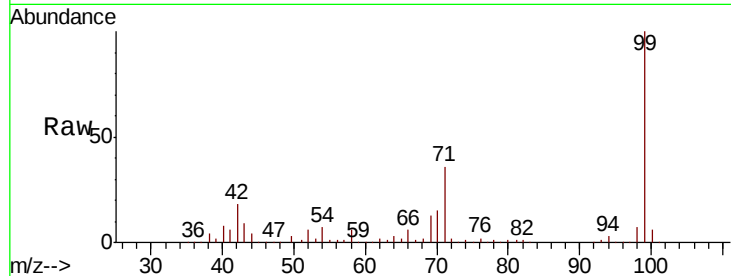
ClientSampleId :

NB-08-061620MS

Tot Ion:	99	Resp:	502139
Ion Ratio	Lower	Upper	
99	100		
42	18.2	14.2	21.4
71	36.1	25.4	38.2

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#8

2-Chlorophenol

Concen: 51.330 ng

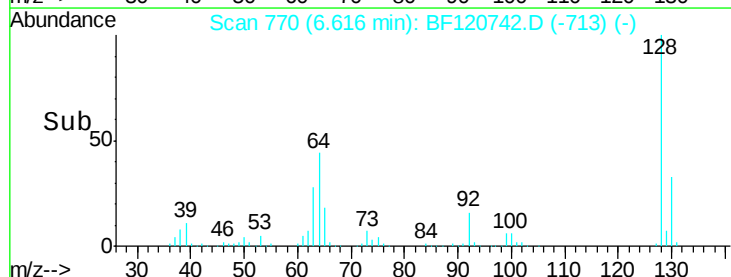
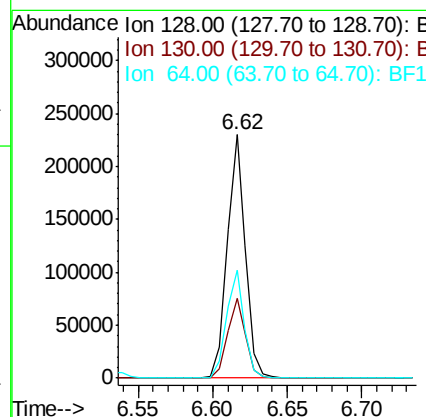
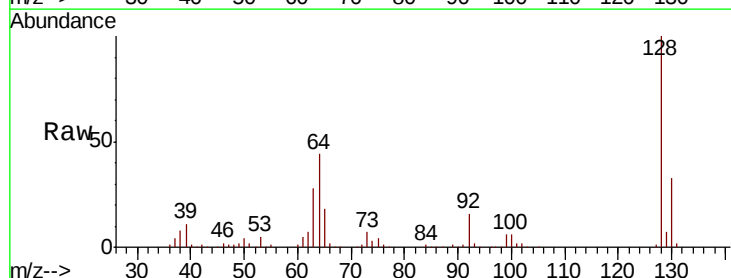
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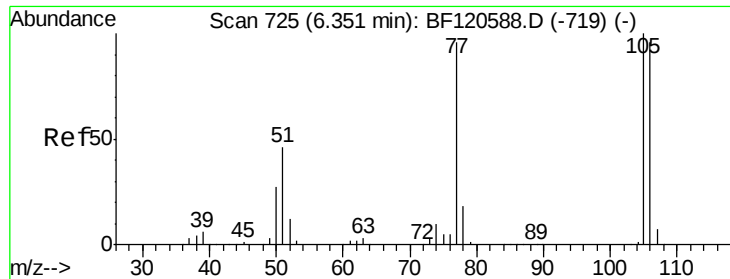
Delta R.T. 0.04 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Tgt Ion:	128	Resp:	196787
Ion Ratio	Lower	Upper	
128	100		
130	32.6	13.3	53.3
64	44.2	19.2	59.2





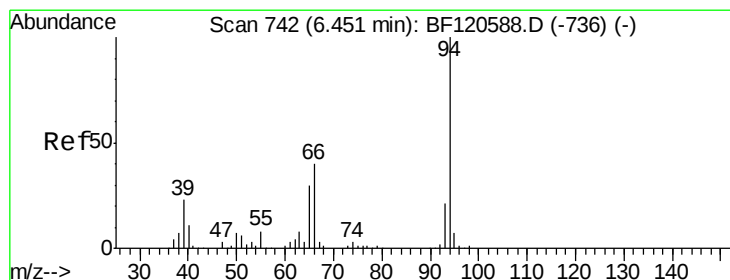
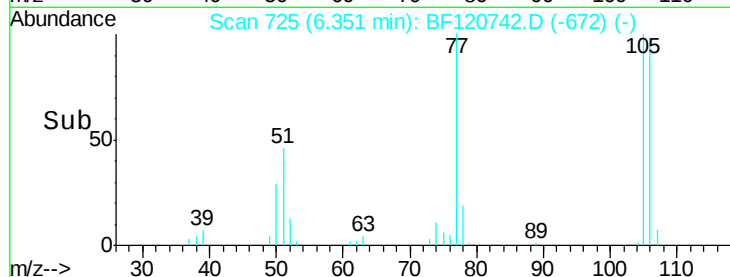
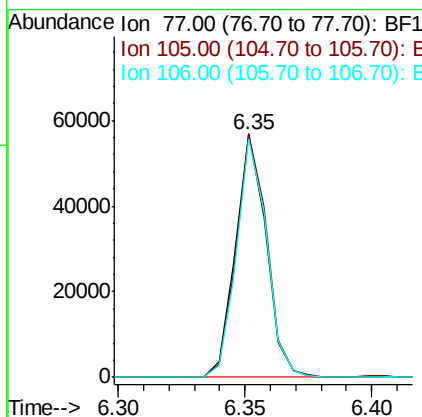
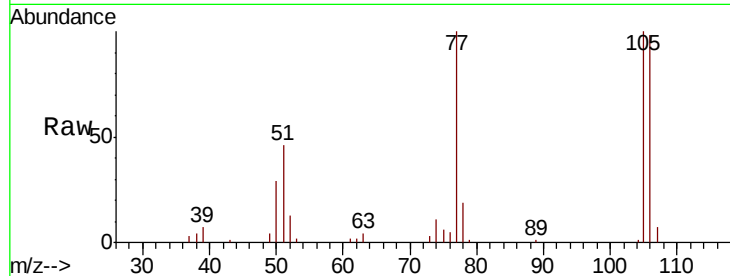
#9
Benzaldehyde
Concen: 17.772 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF120742.D
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Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.2	80.8	120.8
106	98.1	78.1	118.1

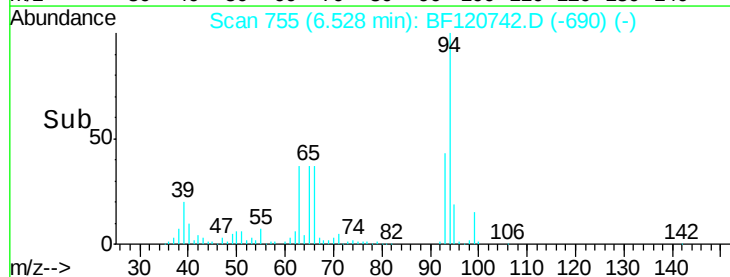
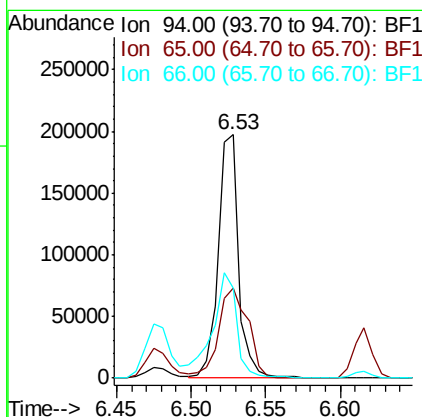
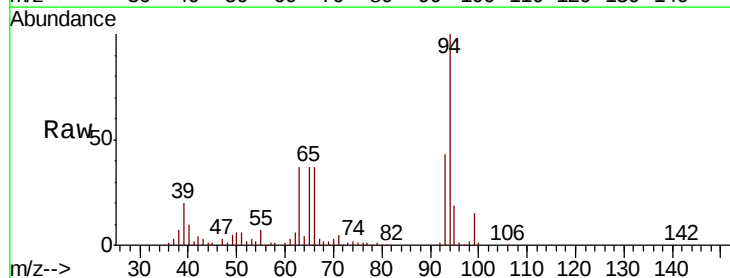
Manual Integrations
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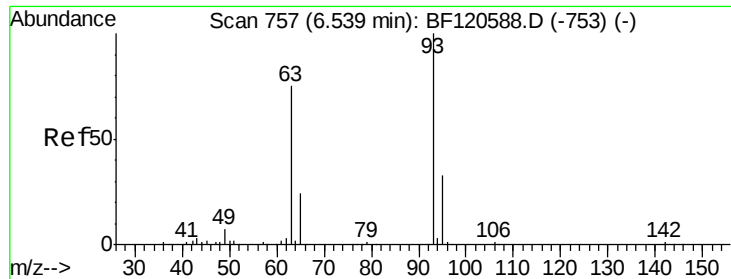
mohammad
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#10
Phenol
Concen: 42.342 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.08 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.9	13.6	53.6
66	36.8	29.2	69.2





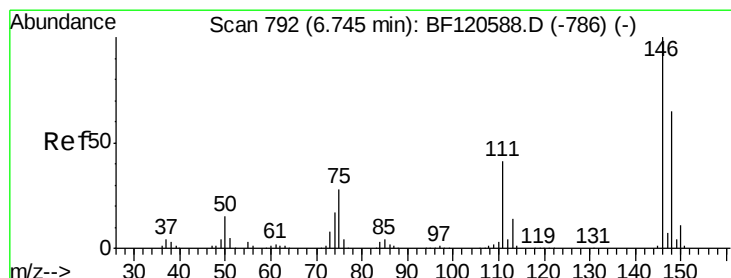
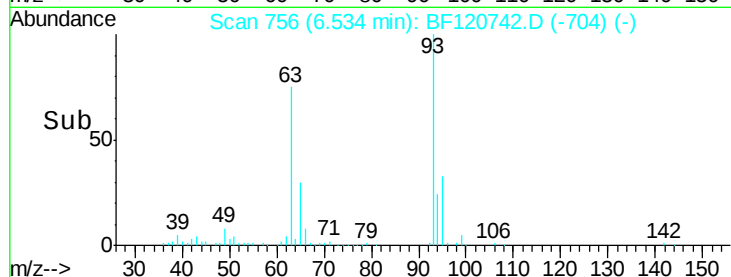
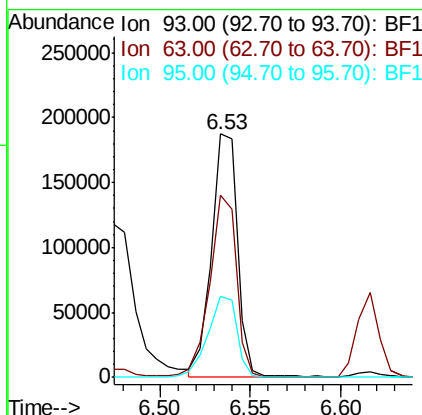
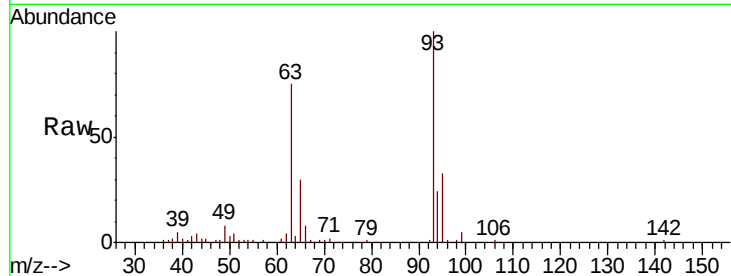
#11
bis(2-Chloroethyl)ether
Concen: 49.921 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion:	93	Resp:	187464
Ion Ratio	Lower	Upper	
93	100		
63	74.9	54.8	94.8
95	33.4	12.1	52.1

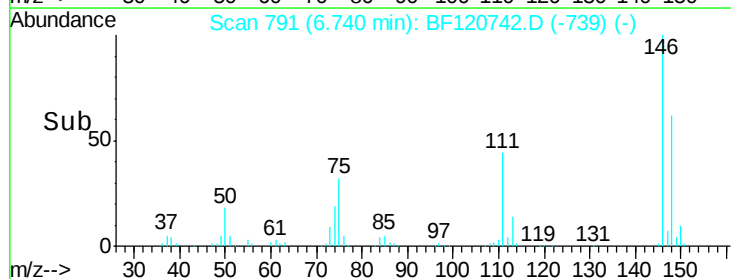
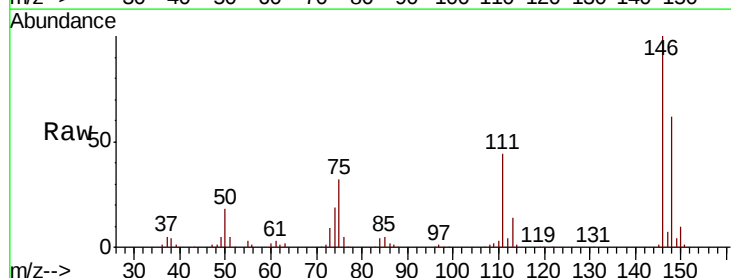
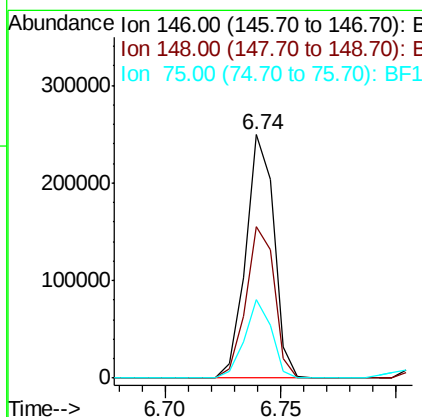
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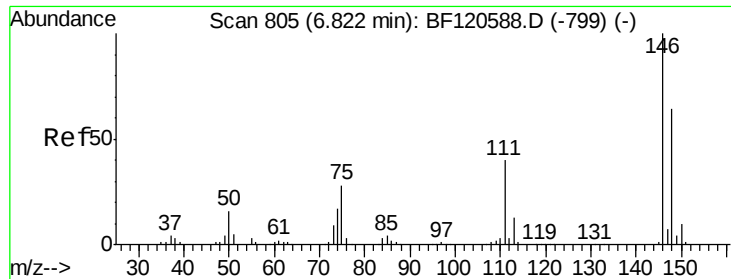
mohammad
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#12
1,3-Dichlorobenzene
Concen: 52.328 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion:	146	Resp:	213274
Ion Ratio	Lower	Upper	
146	100		
148	62.3	51.1	76.7
75	32.1	21.5	32.3





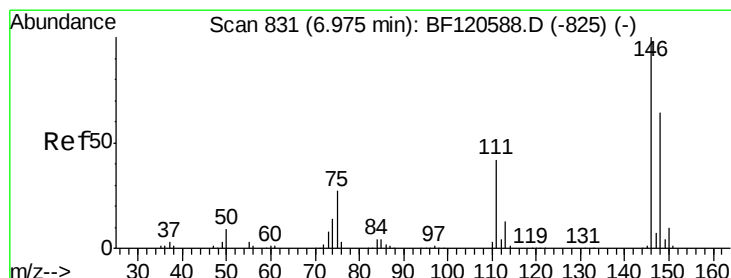
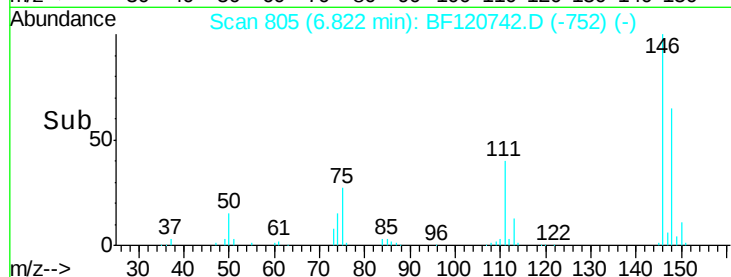
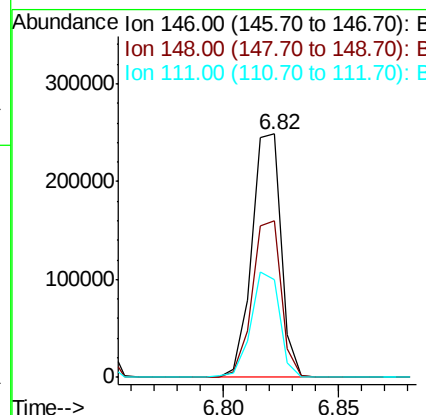
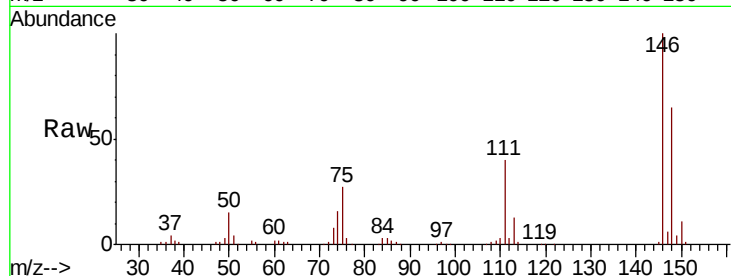
#13
 1,4-Dichlorobenzene
 Concen: 55.051 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.0
111	40.2	32.2	48.2

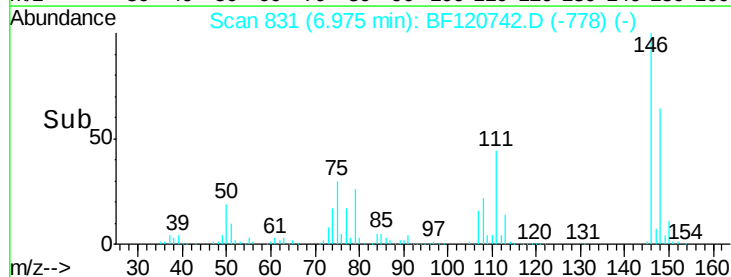
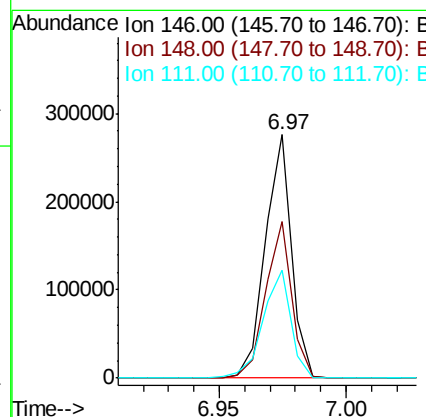
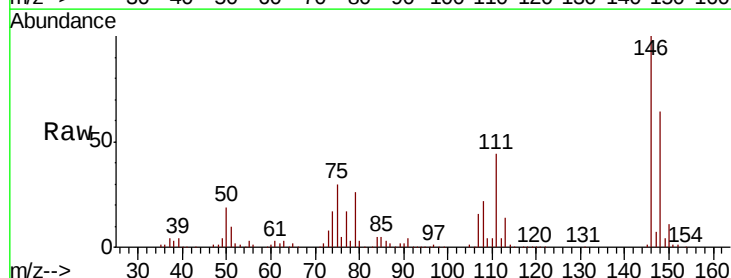
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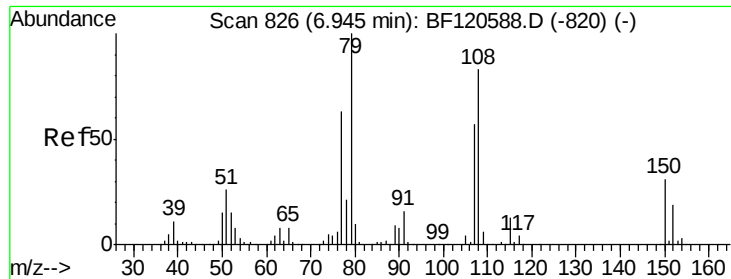
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#14
 1,2-Dichlorobenzene
 Concen: 50.746 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.01 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.0	76.6
111	44.4	33.6	50.4





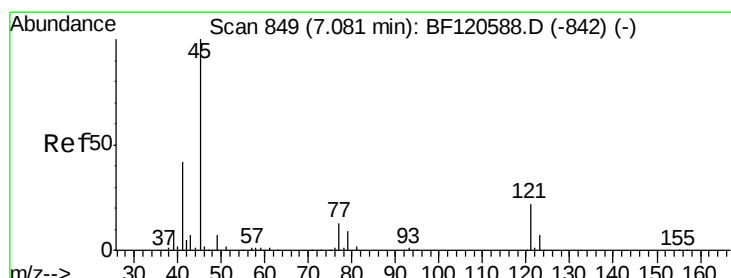
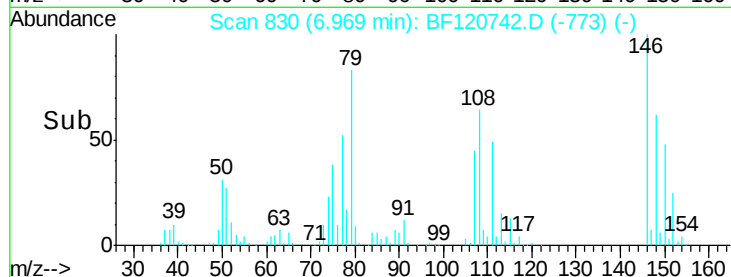
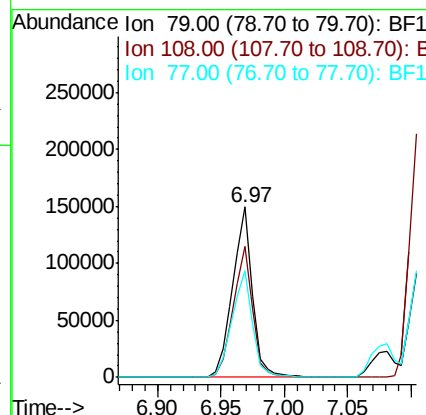
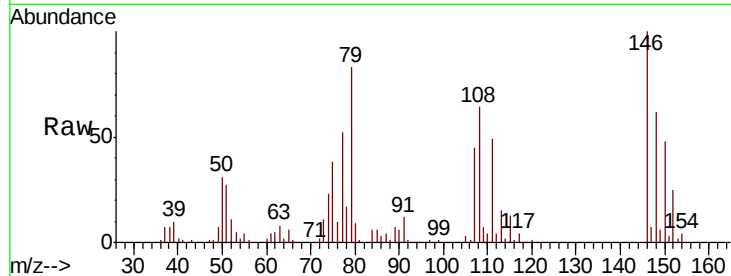
#15
Benzyl Alcohol
Concen: 53.857 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.04 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.8	66.1	99.1
77	62.4	49.8	74.6

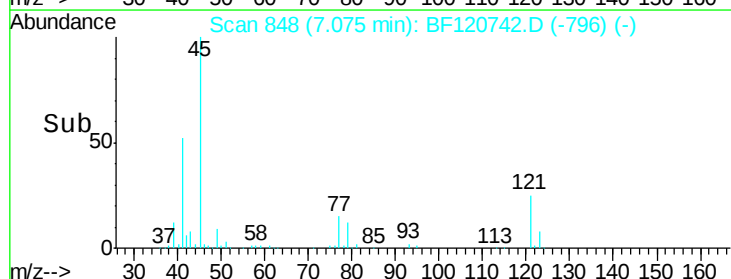
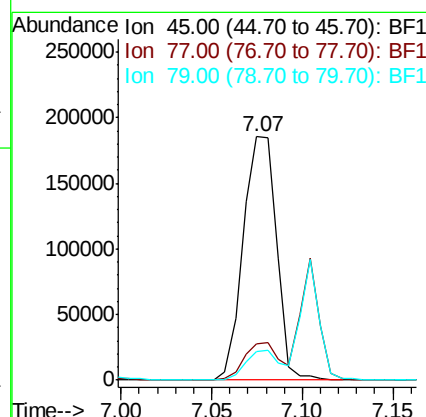
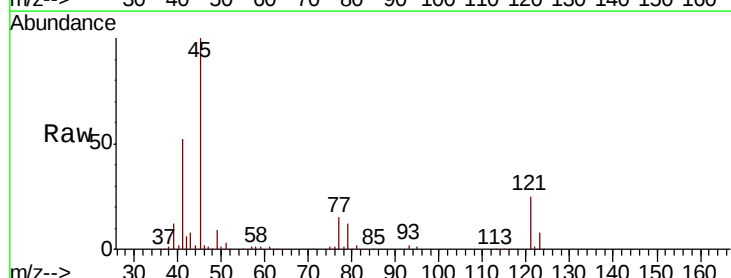
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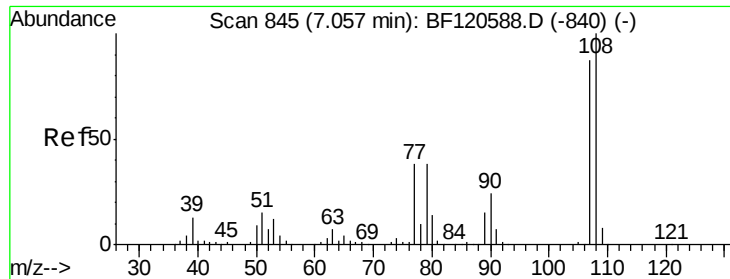
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.744 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	34.9
79	11.7	0.0	31.4





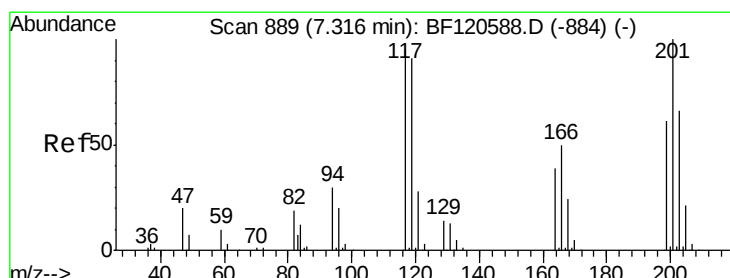
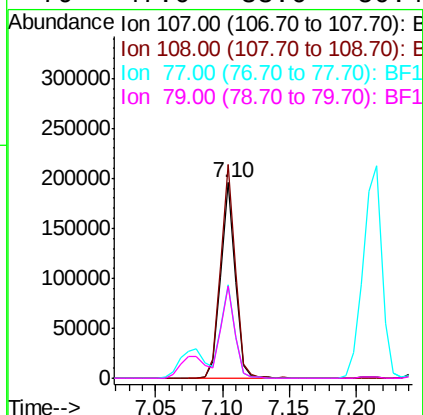
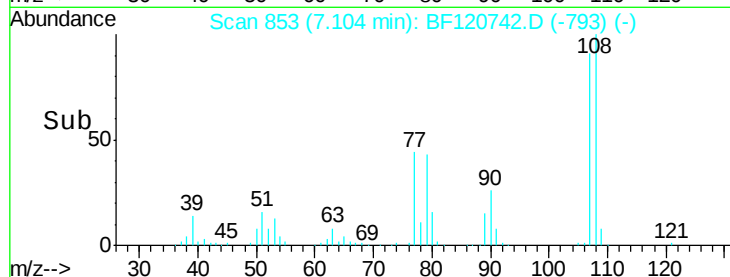
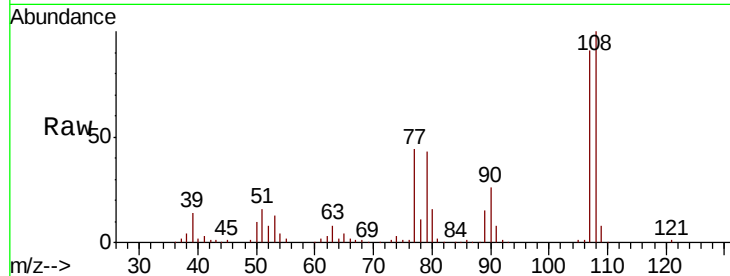
#17
2-Methylphenol
Concen: 46.601 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.05 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	107	Resp	152377
Ion Ratio	Lower	Upper	
107	100		
108	109.3	90.7	136.1
77	47.8	35.0	52.4
79	47.0	33.6	50.4

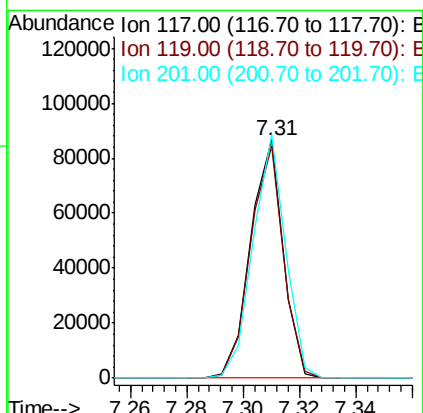
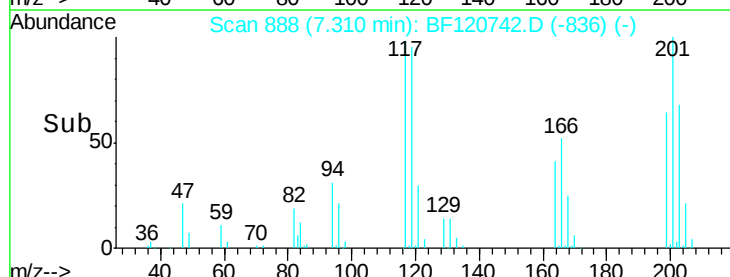
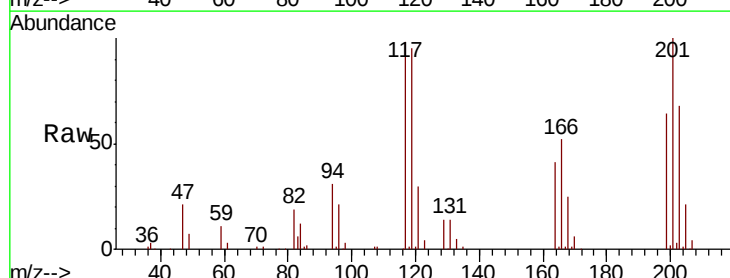
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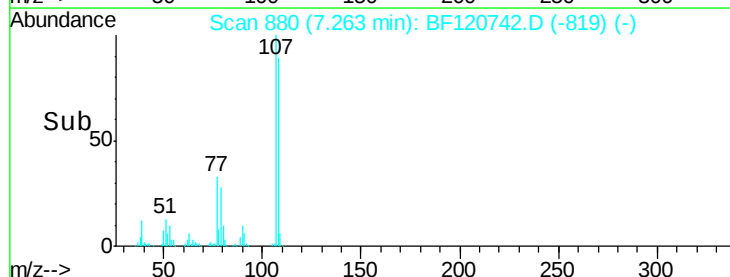
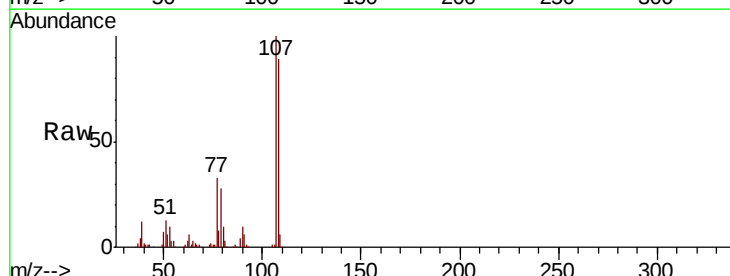
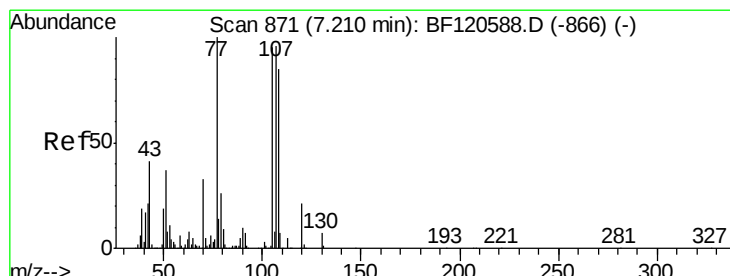
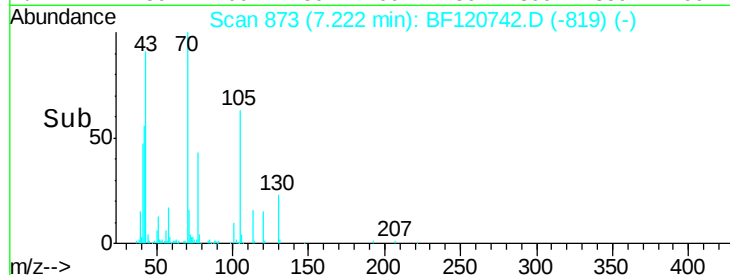
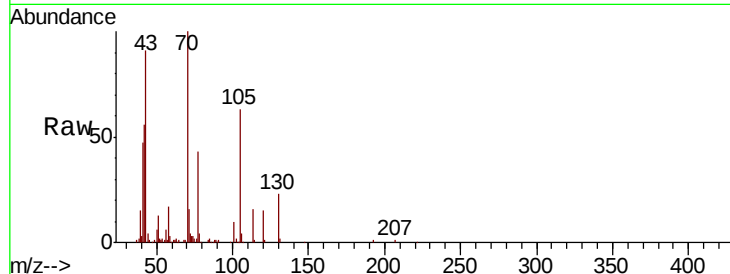
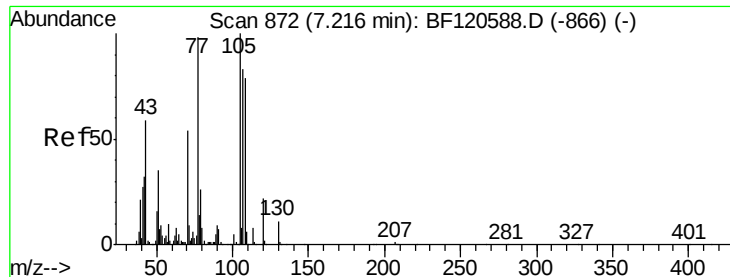
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#18
Hexachloroethane
Concen: 46.947 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

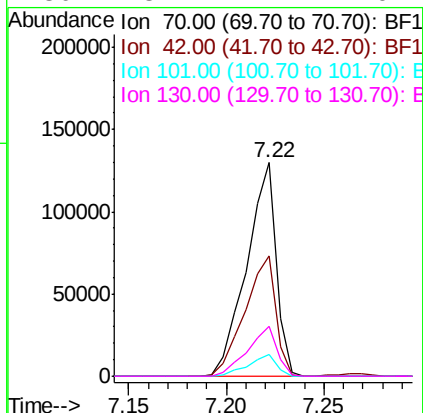
Tgt Ion	117	Resp	69565
Ion Ratio	Lower	Upper	
117	100		
119	97.6	77.1	115.7
201	102.2	86.4	129.6





#19
n-Nitroso-di-n-propylamine
Concen: 55.982 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.02 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		137216		
42	56.4	47.6	71.4		
101	10.0	7.6	11.4		
130	23.2	17.4	26.2		



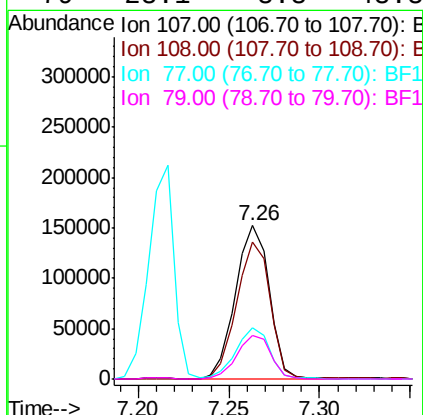
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

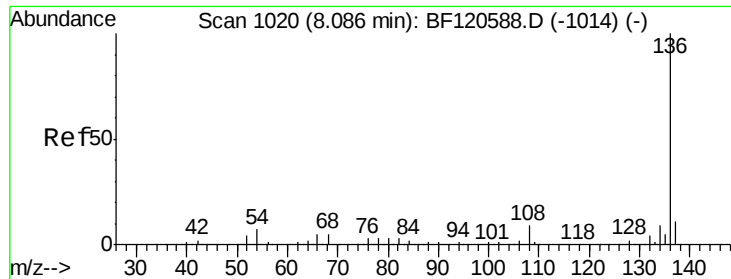
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#20
3+4-Methylphenols
Concen: 48.641 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.06 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		198746		
108	89.4	70.9	110.9		
77	33.4	95.7	135.7#		
79	28.1	8.8	48.8		





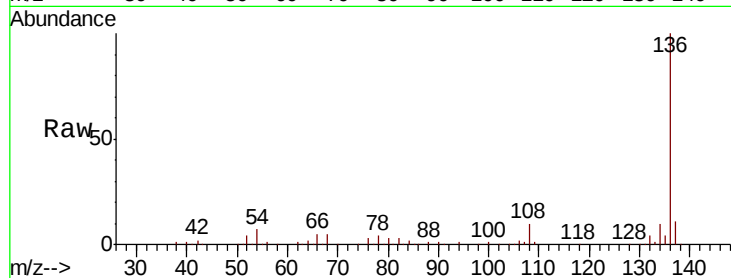
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

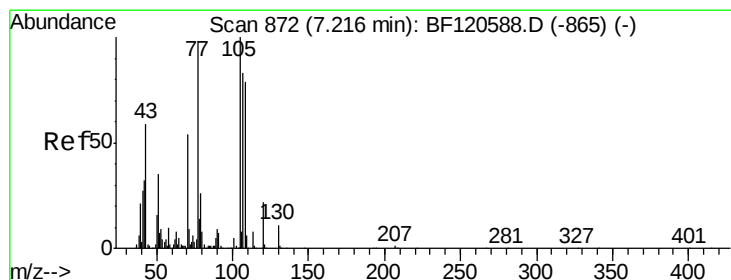
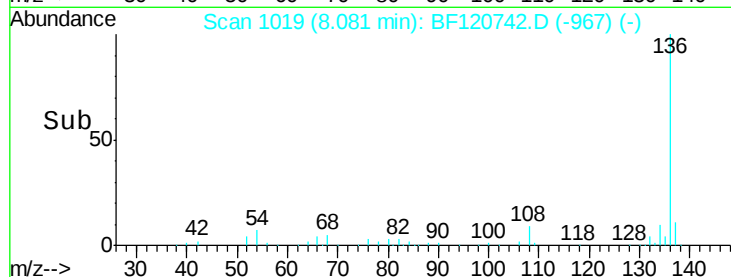
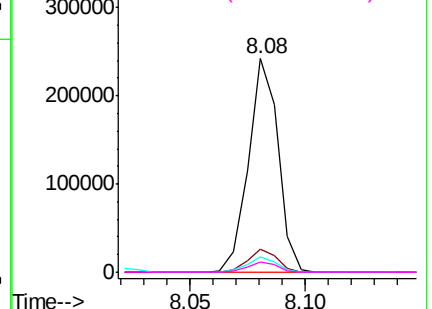
Tot Ion	Ratio	Resp	Lower	Upper
136	100	217657		
137	10.9		8.6	12.8
54	6.9		5.3	7.9
68	4.8		4.3	6.5

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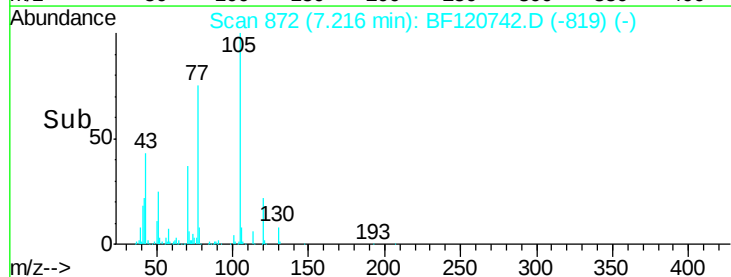
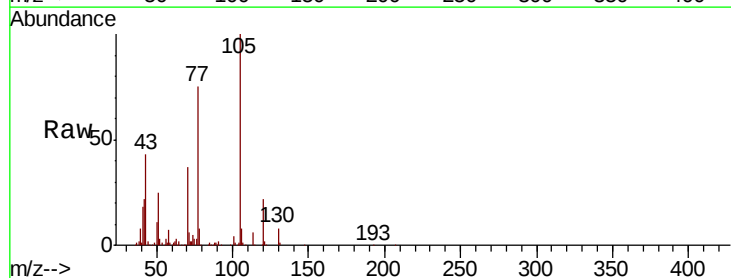
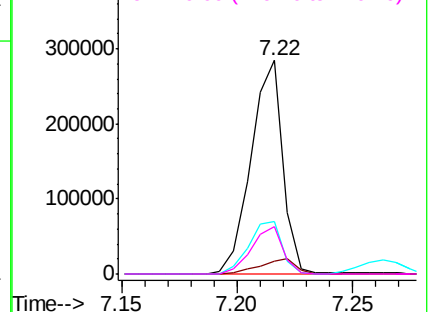
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

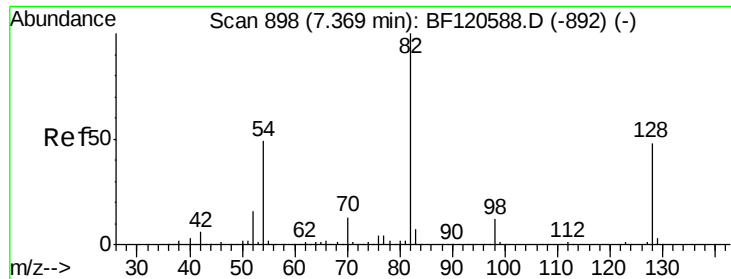


#22
Acetophenone
Concen: 56.248 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	273707		
71	6.2		6.6	9.8#
51	24.8		27.4	41.0#
120	22.2		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





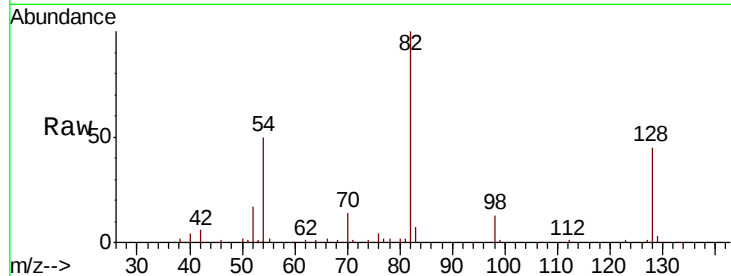
#23
 Nitrobenzene-d5
 Concen: 105.079 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.01 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

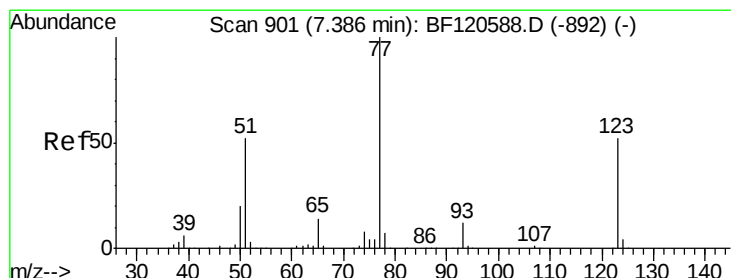
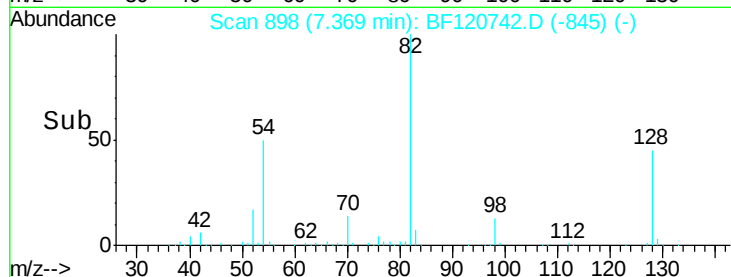
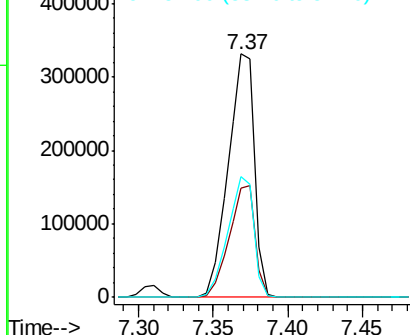
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	38.1	57.1
54	49.6	38.8	58.2

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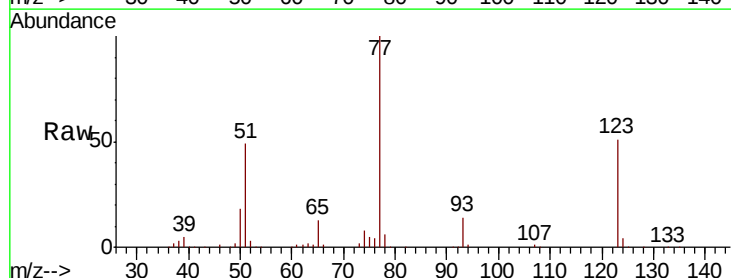


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

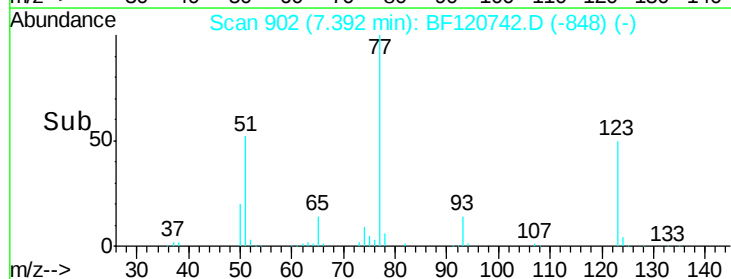
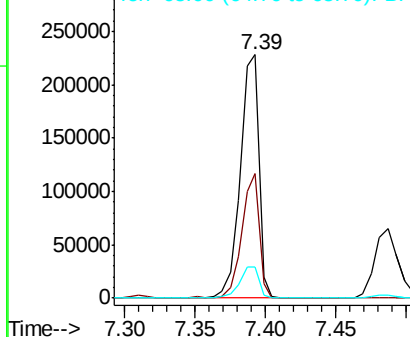


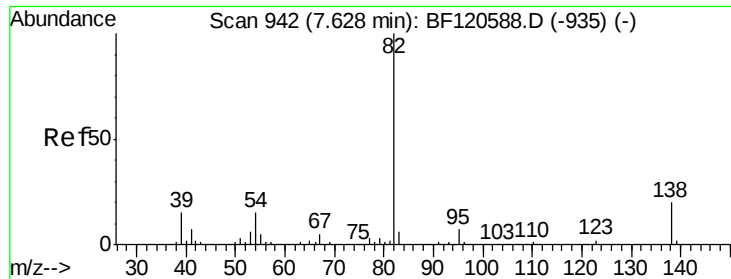
#24
 Nitrobenzene
 Concen: 51.385 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.02 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.0	41.5	62.3
65	12.6	10.9	16.3



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





#25

Isophorone

Concen: 47.832 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.02 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Instrument :

BNA_F

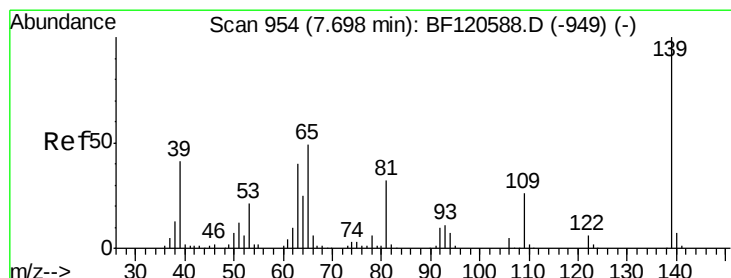
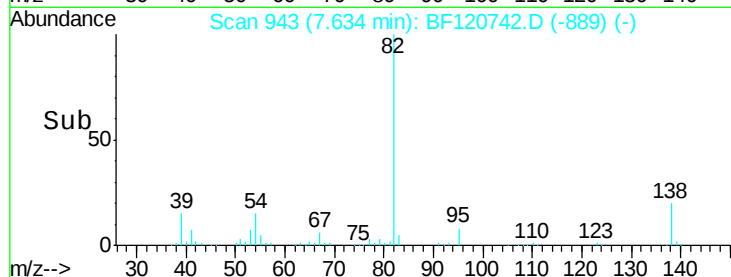
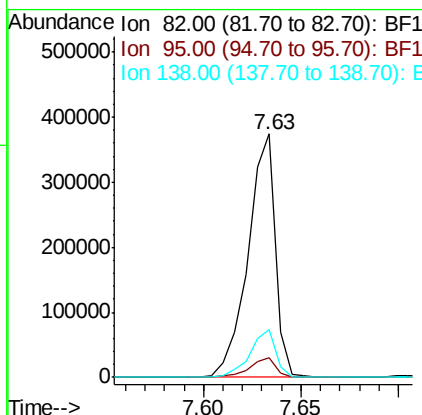
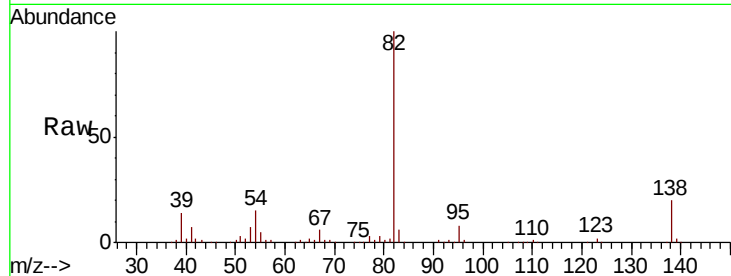
ClientSampleId :

NB-08-061620MS

Tot Ion:	82	Resp:	362812
Ion Ratio	Lower	Upper	
82	100		
95	8.0	5.6	8.4
138	19.7	16.1	24.1

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#26

2-Nitrophenol

Concen: 44.938 ng

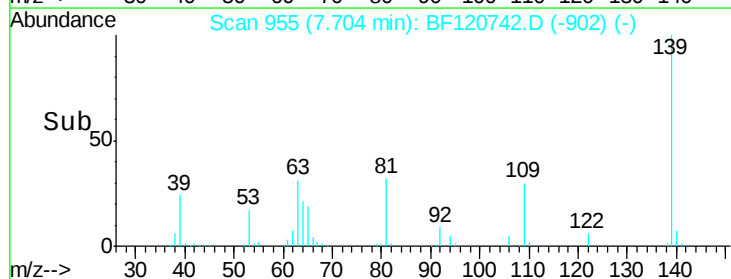
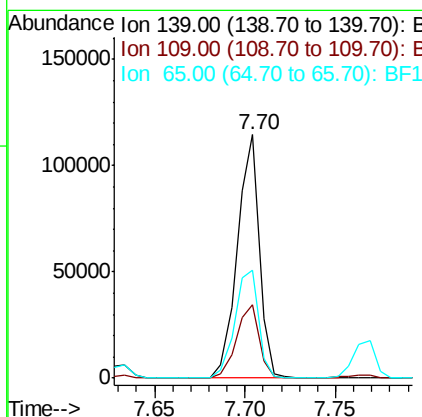
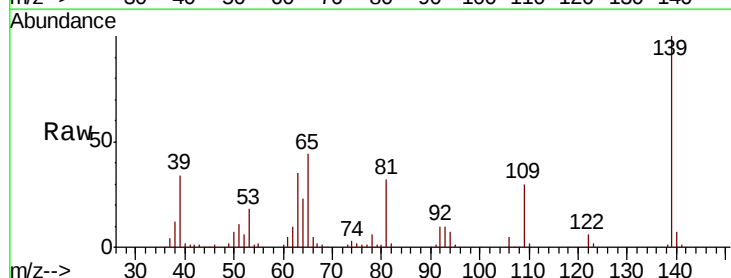
RT: 7.70 min Scan# 955

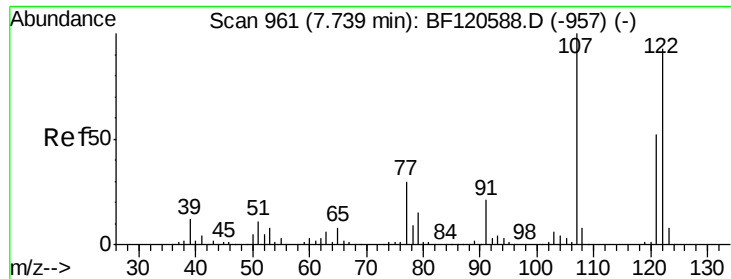
Delta R.T. 0.01 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Tgt Ion:	139	Resp:	96874
Ion Ratio	Lower	Upper	
139	100		
109	30.1	20.7	31.1
65	44.4	33.6	50.4





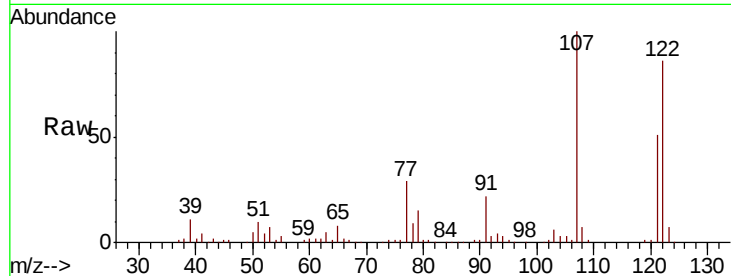
#27
2,4-Dimethylphenol
Concen: 49.716 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.04 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.8	89.4	134.2
121	59.1	46.2	69.4

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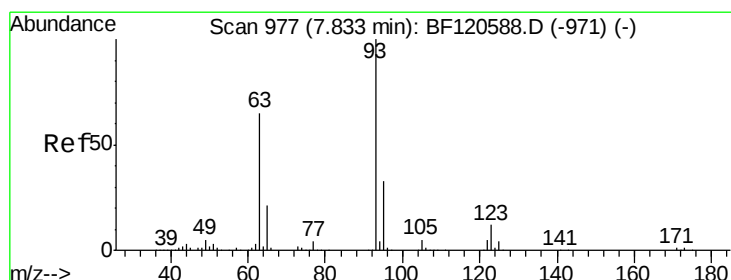
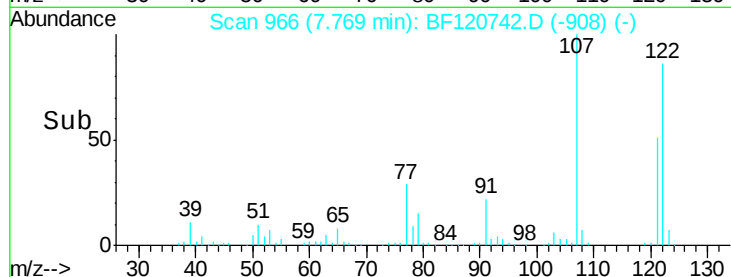
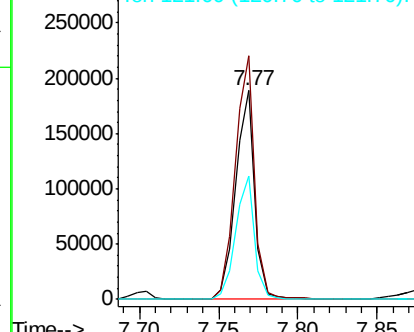


Abundance

Ion 122.00 (121.70 to 122.70): E

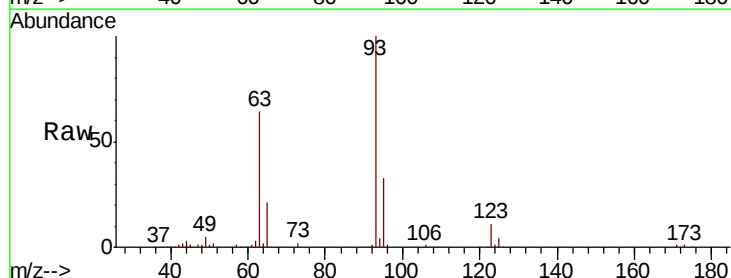
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 51.913 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.2	39.2
123	11.1	9.7	14.5

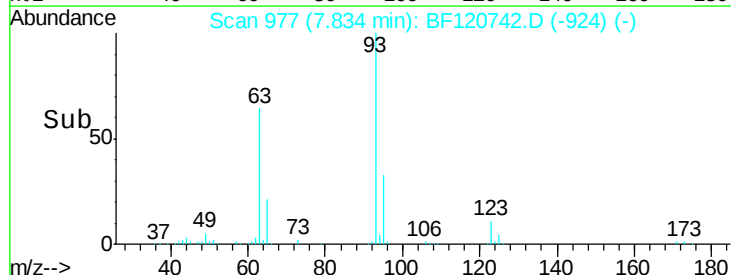
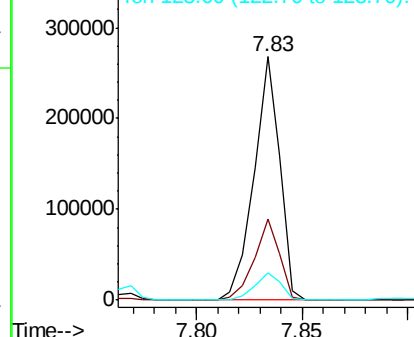


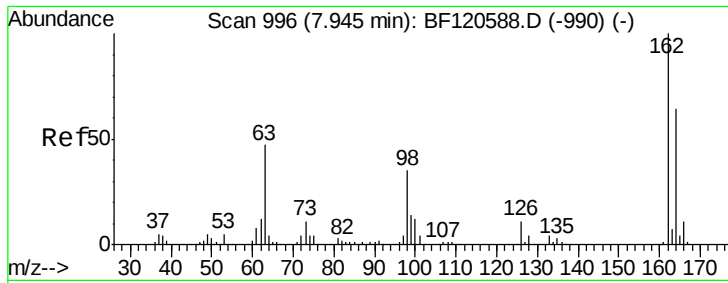
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





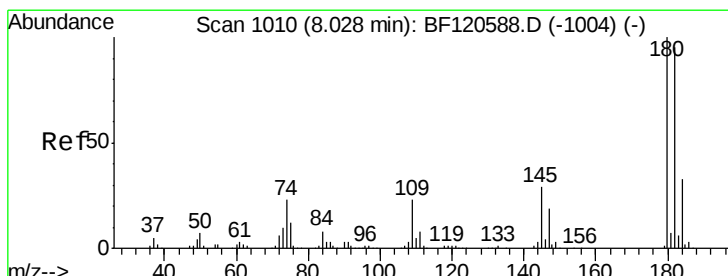
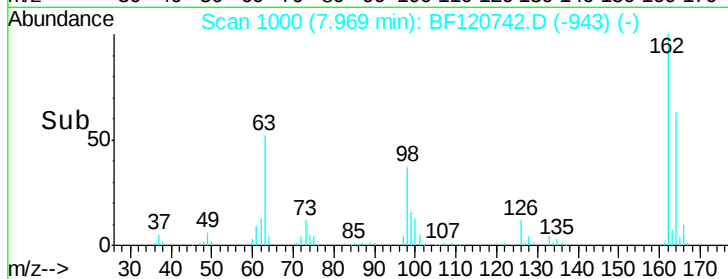
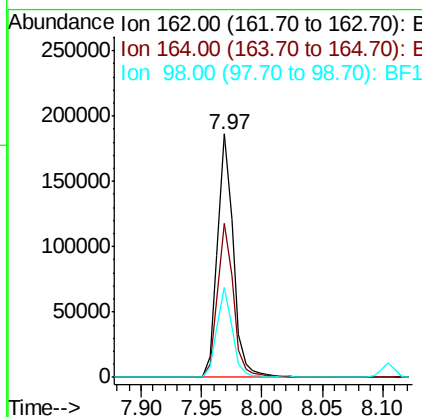
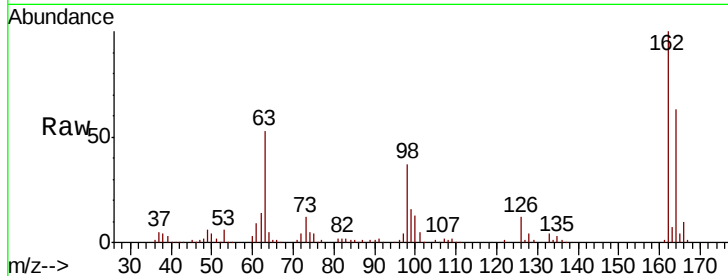
#29
 2,4-Dichlorophenol
 Concen: 52.126 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.04 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Instrument :
 BNA_F
 ClientSampleID :
 NB-08-061620MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
164	63.1	45.1	85.1		
98	36.8	16.2	56.2		

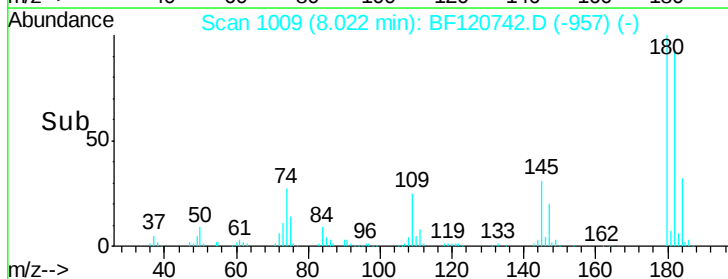
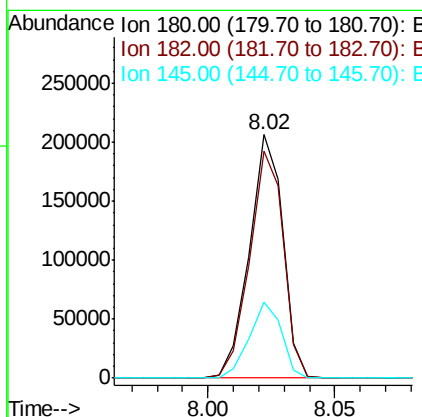
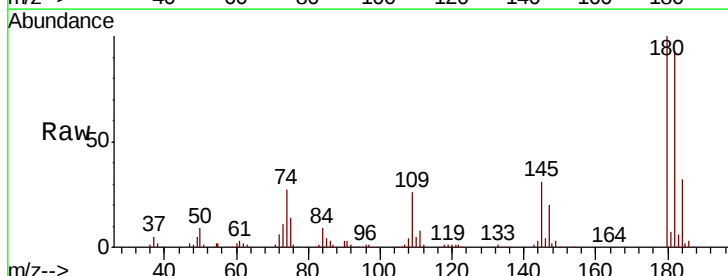
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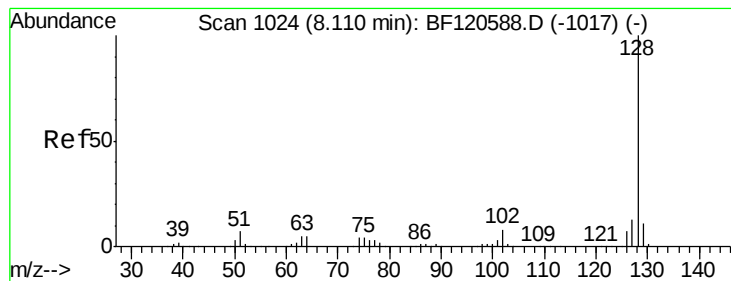
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 53.081 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	93.4	76.0	114.0		
145	31.0	23.4	35.2		





#31

Naphthalene

Concen: 54.355 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Instrument :

BNA_F

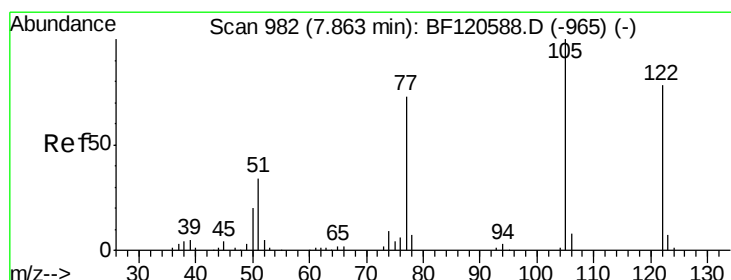
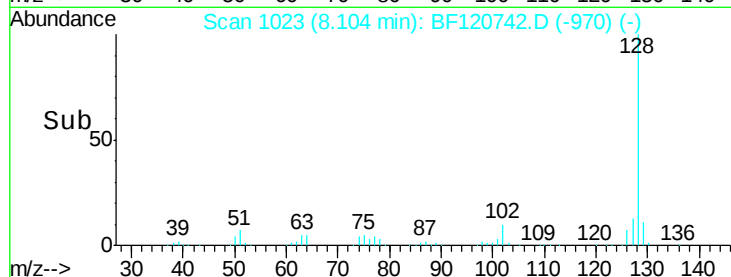
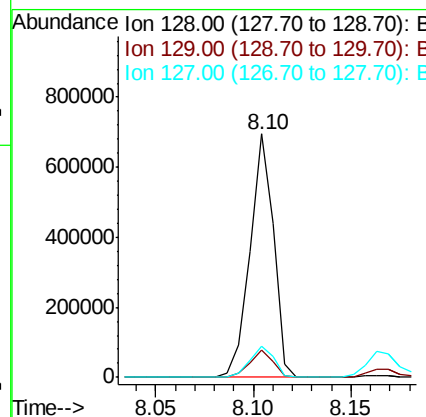
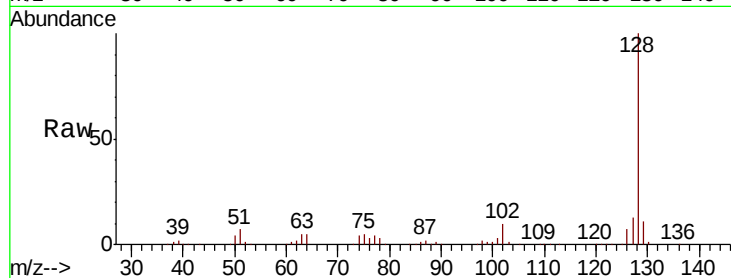
ClientSampleId :

NB-08-061620MS

Tot Ion:	128	Resp:	580926
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.1	13.7
127	13.0	10.7	16.1

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#32

Benzoic acid

Concen: 31.630 ng

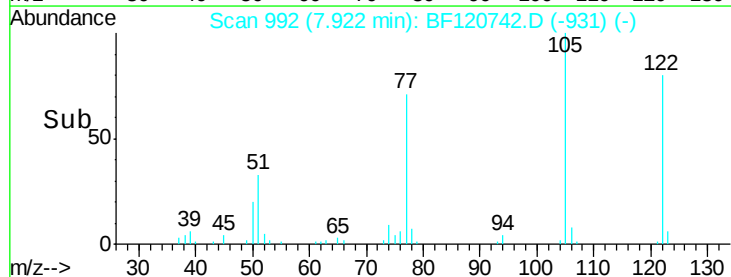
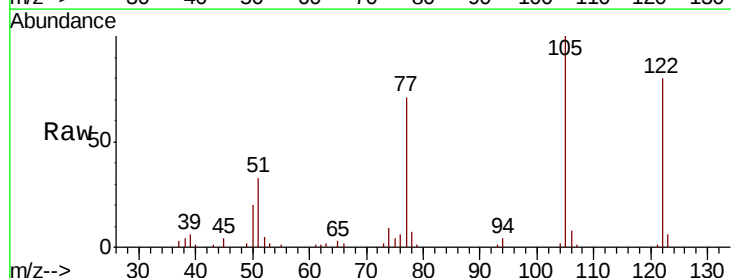
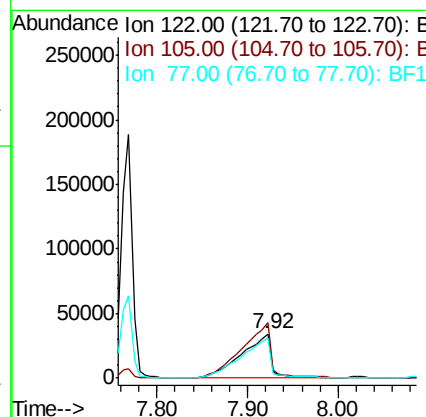
RT: 7.92 min Scan# 992

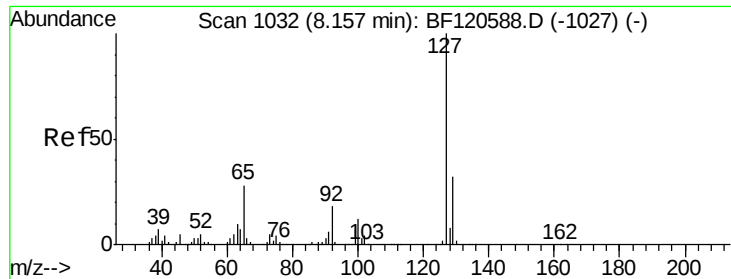
Delta R.T. 0.06 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Tgt Ion:	122	Resp:	77030
Ion Ratio	Lower	Upper	
122	100		
105	125.4	98.4	138.4
77	88.9	63.8	103.8





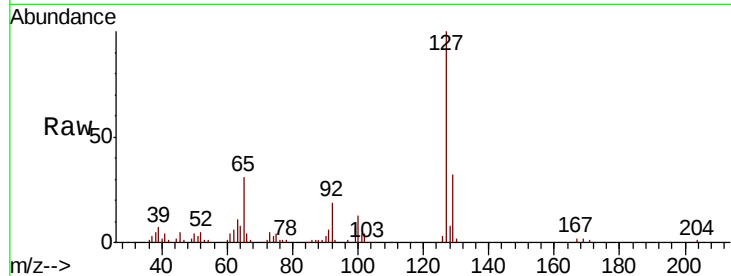
#33
4-Chloroaniline
Concen: 19.637 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.02 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

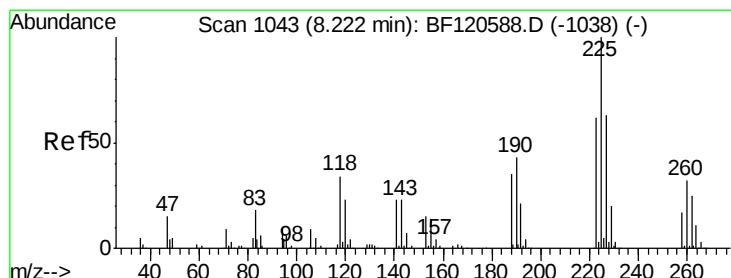
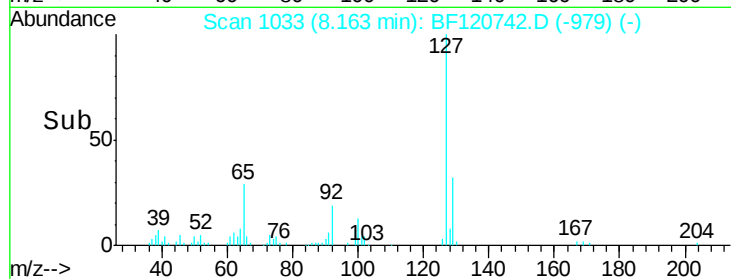
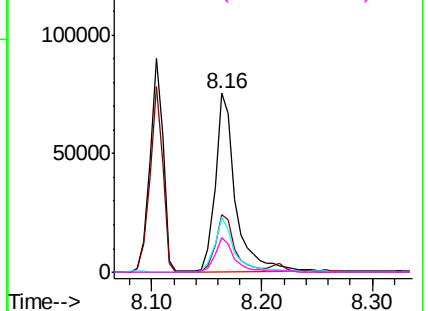
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.2	39.2		
65	31.2	21.8	32.6		
92	19.3	14.5	21.7		

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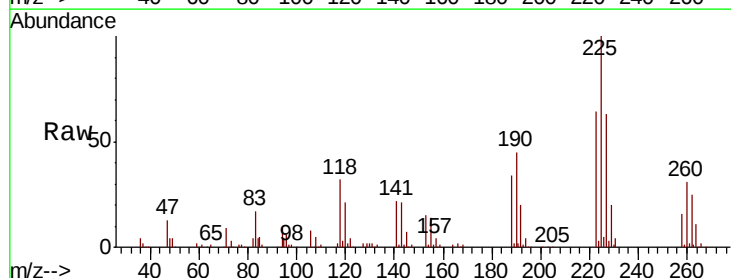


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

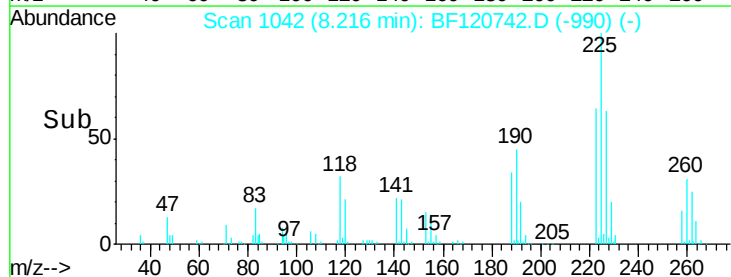
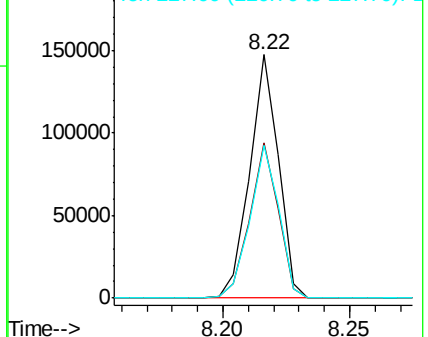


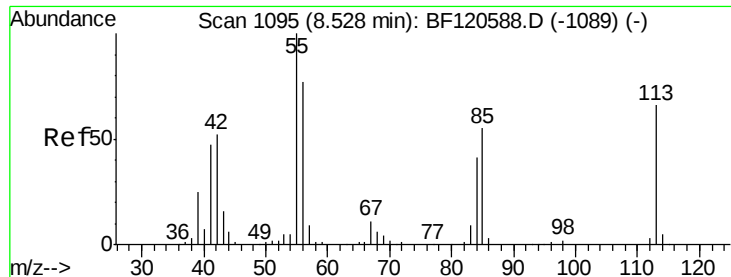
#34
Hexachlorobutadiene
Concen: 55.805 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	50.0	75.0		
227	62.9	50.5	75.7		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





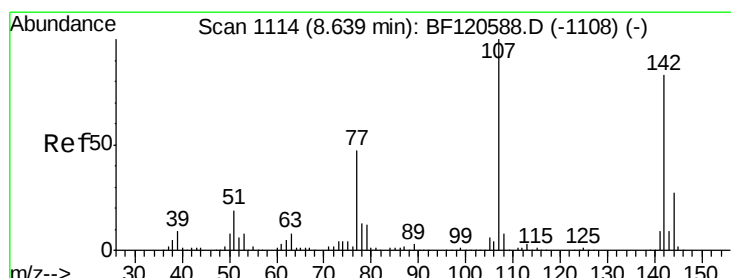
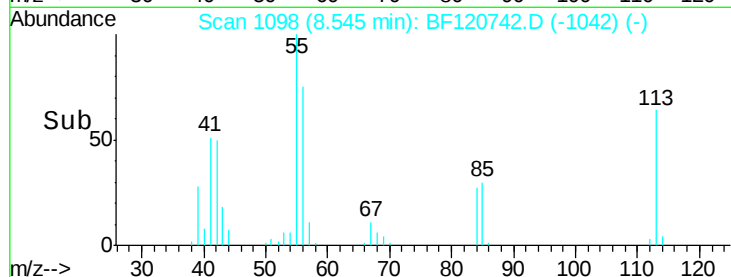
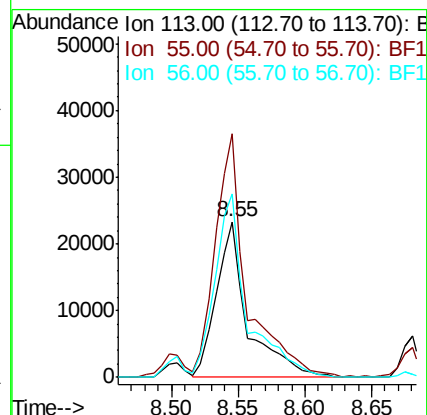
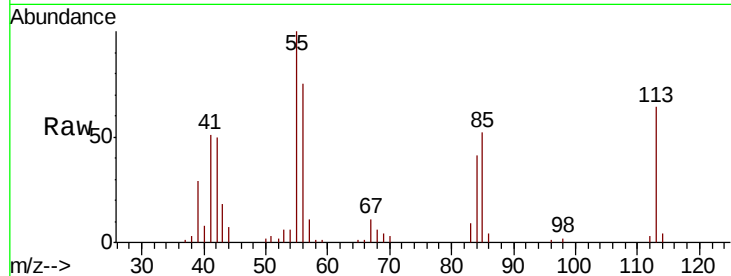
#35
Caprolactam
Concen: 37.358 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.03 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	156.2	143.7	183.7	
56	117.7	98.6	138.6	

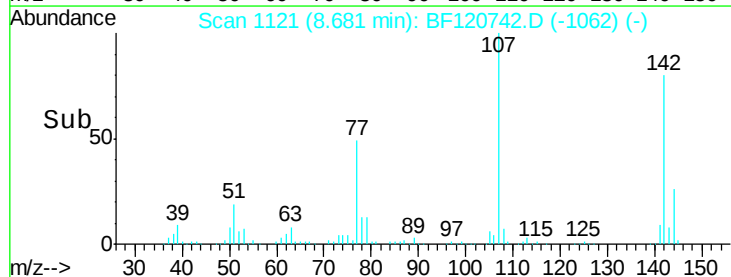
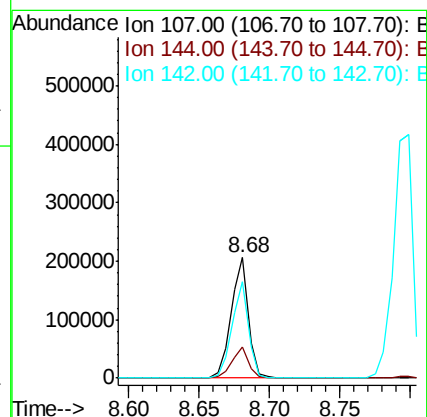
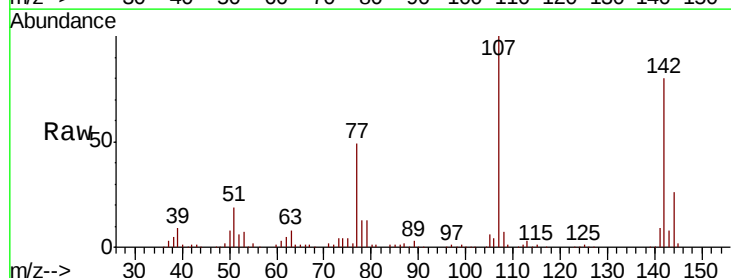
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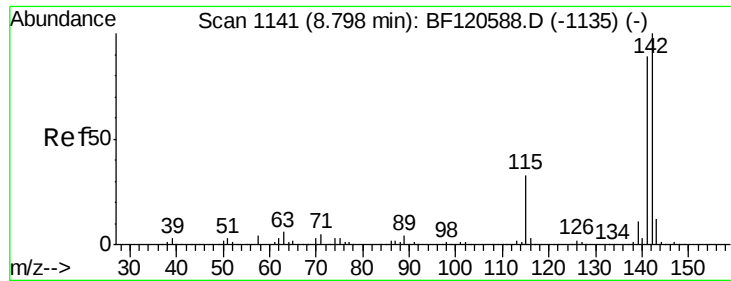
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#36
4-Chloro-3-methylphenol
Concen: 53.543 ng
RT: 8.68 min Scan# 1121
Delta R.T. 0.05 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.8	21.9	32.9	
142	80.1	67.7	101.5	





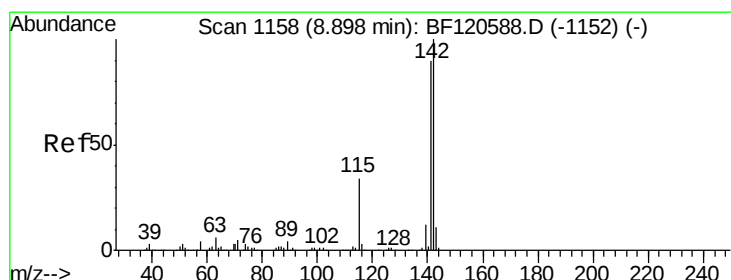
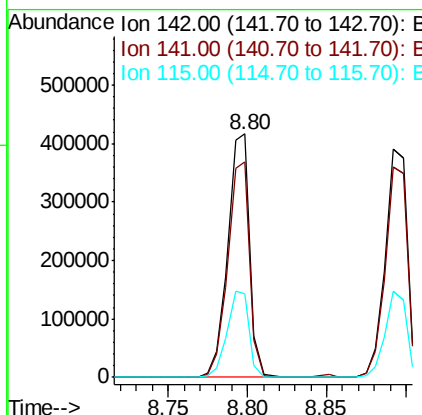
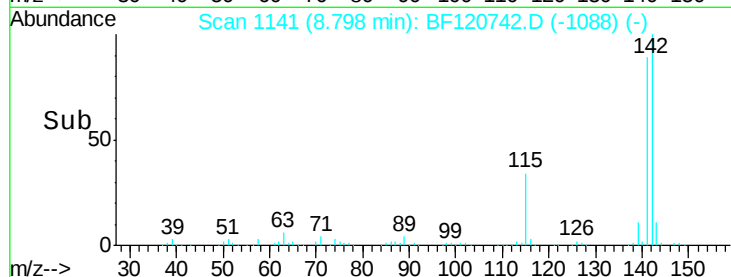
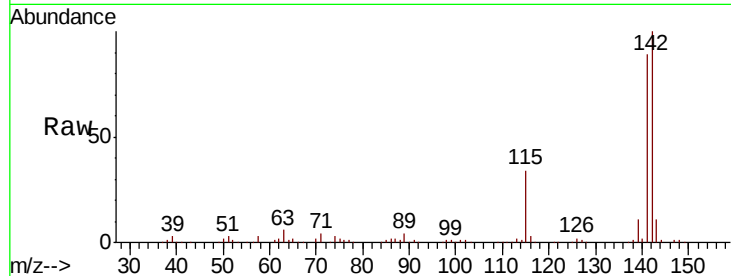
#37
2-Methylnaphthalene
Concen: 57.014 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	69.2	103.8
115	34.3	26.3	39.5

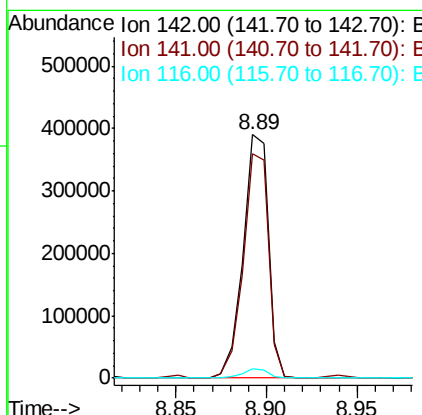
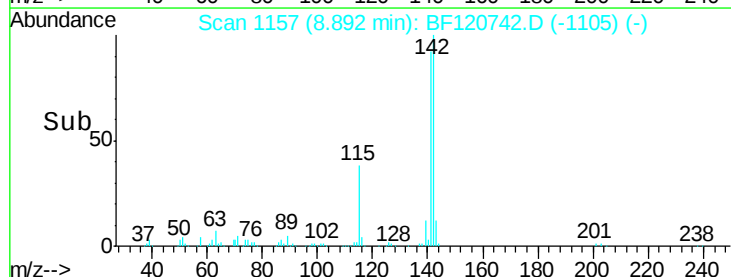
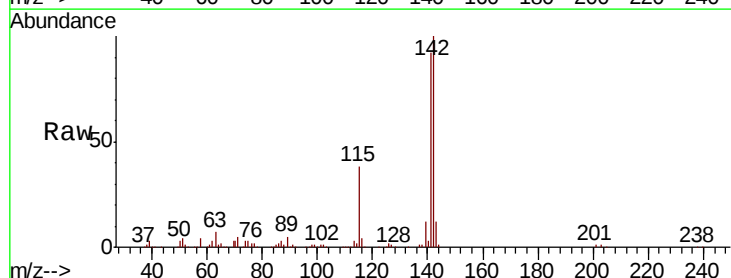
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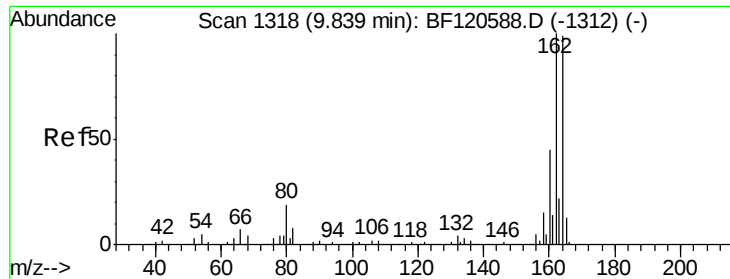
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#38
1-Methylnaphthalene
Concen: 57.395 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.7	109.1
116	3.7	2.7	4.1





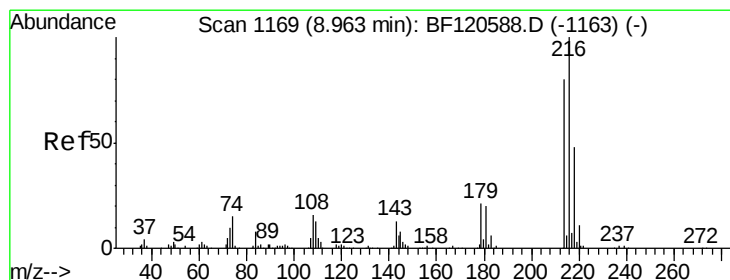
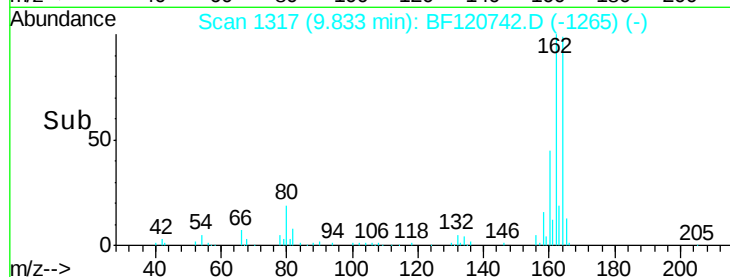
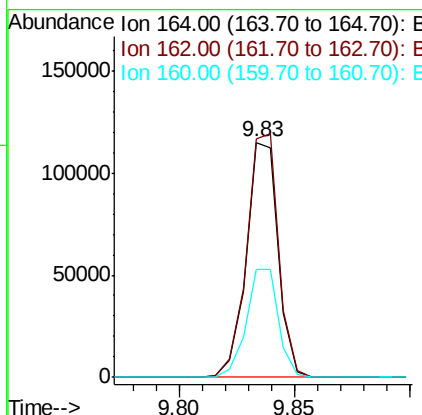
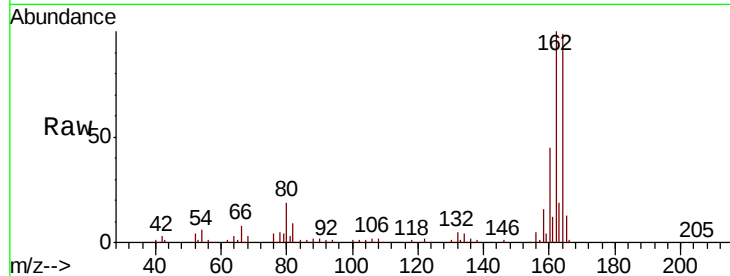
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.4	122.0
160	45.7	36.6	55.0

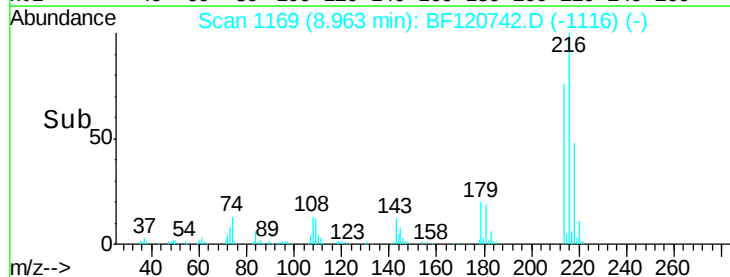
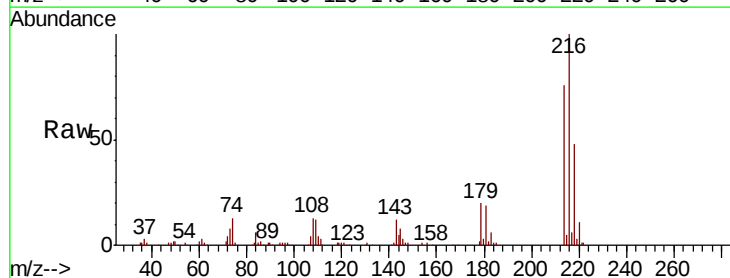
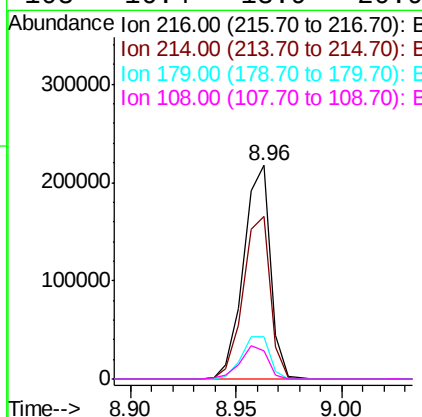
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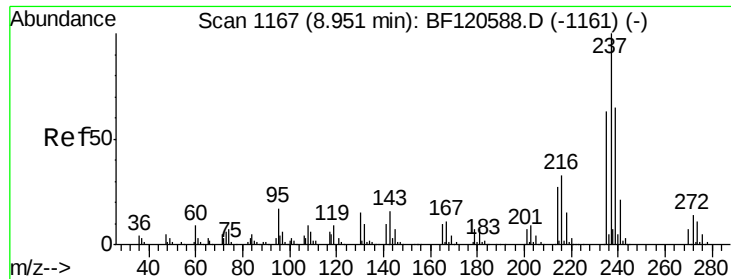
mohammad
6/30/2020 4:15:05 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 58.099 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.3	63.1	94.7
179	21.0	16.3	24.5
108	16.4	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 18.231 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Instrument :

BNA_F

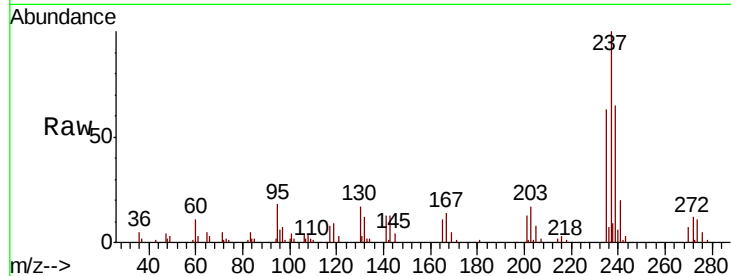
ClientSampleId :

NB-08-061620MS

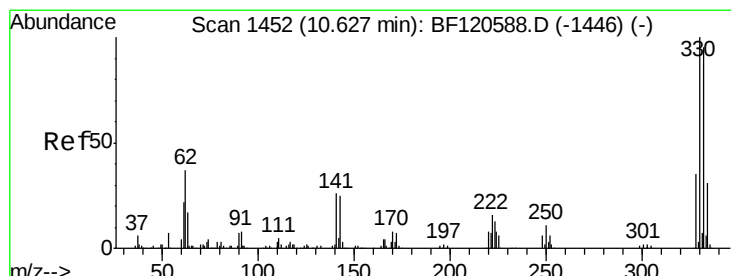
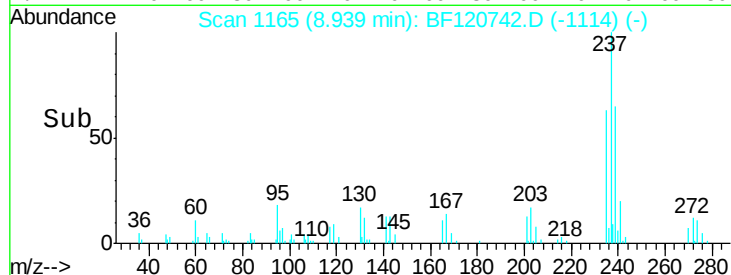
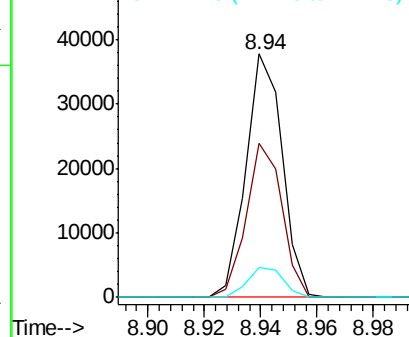
Tot Ion:	237	Resp:	33725
Ion Ratio	Lower	Upper	
237	100		
235	63.3	42.2	82.2
272	12.4	0.0	33.6

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



#42

2,4,6-Tribromophenol

Concen: 147.031 ng

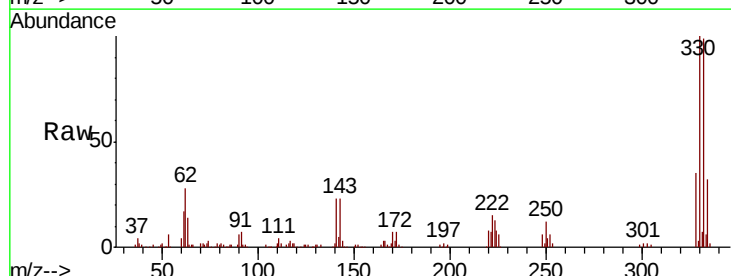
RT: 10.64 min Scan# 1454

Delta R.T. 0.02 min

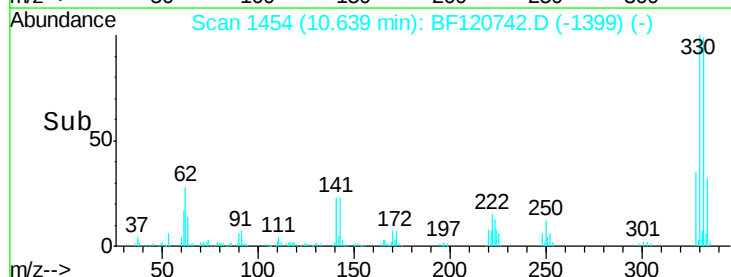
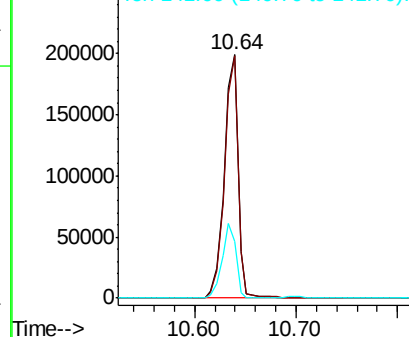
Lab File: BF120742.D

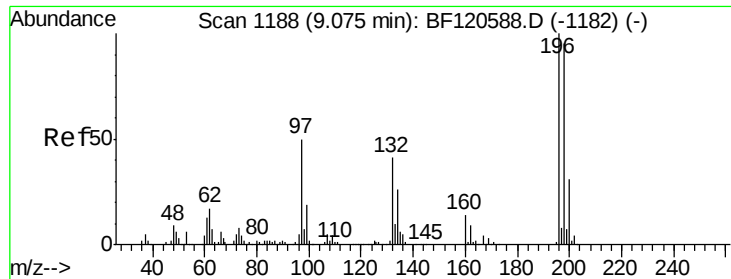
Acq: 29 Jun 2020 22:06

Tgt Ion:	330	Resp:	188990
Ion Ratio	Lower	Upper	
330	100		
332	97.5	76.4	114.6
141	30.6	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





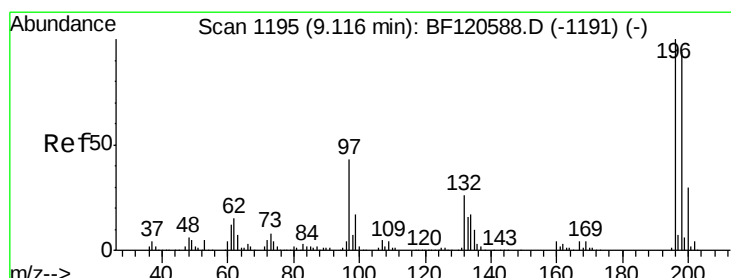
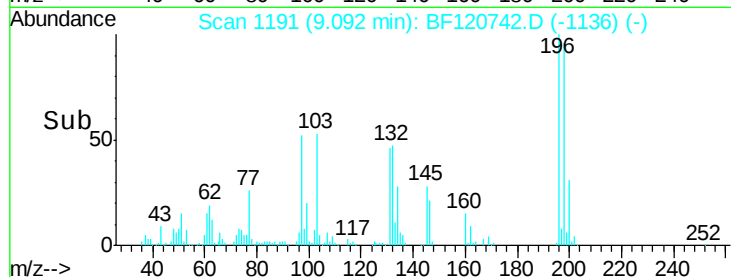
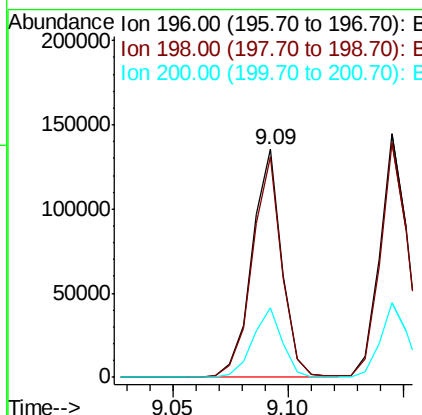
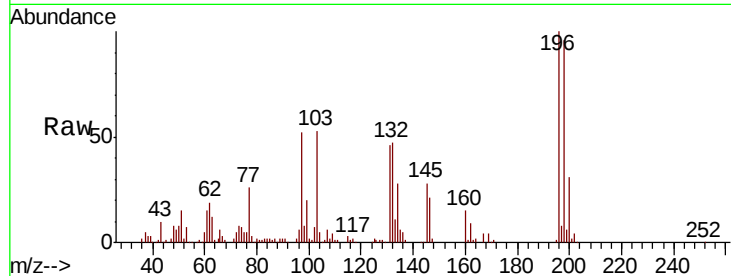
#43
 2,4,6-Trichlorophenol
 Concen: 52.232 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.02 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Tot Ion:196	Resp:	122311
Ion Ratio	Lower	Upper
196	100	
198	96.5	77.8 116.6
200	30.6	24.7 37.1

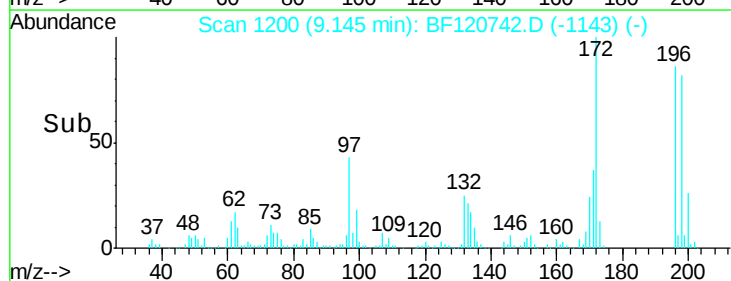
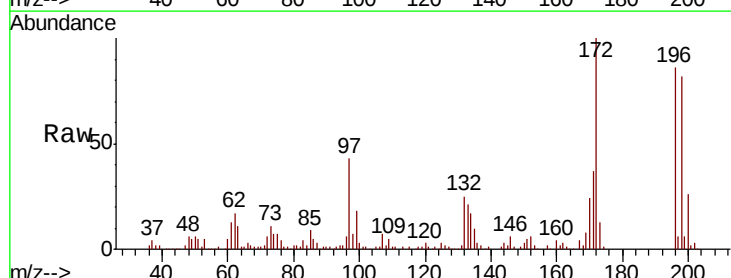
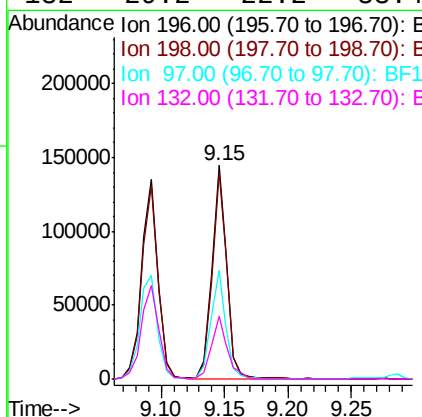
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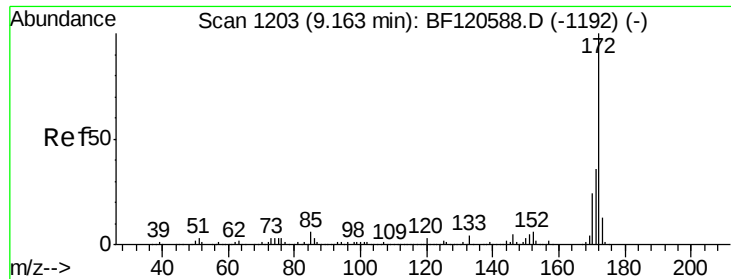
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#44
 2,4,5-Trichlorophenol
 Concen: 45.593 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.04 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Tgt Ion:196	Resp:	121129
Ion Ratio	Lower	Upper
196	100	
198	96.2	76.2 114.2
97	50.8	35.8 53.8
132	29.2	22.2 33.4





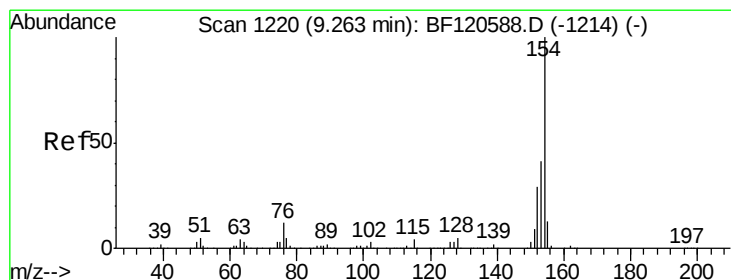
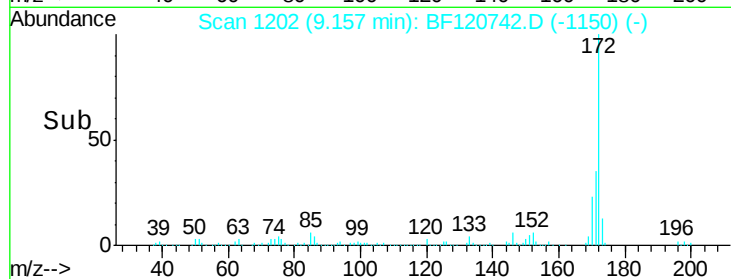
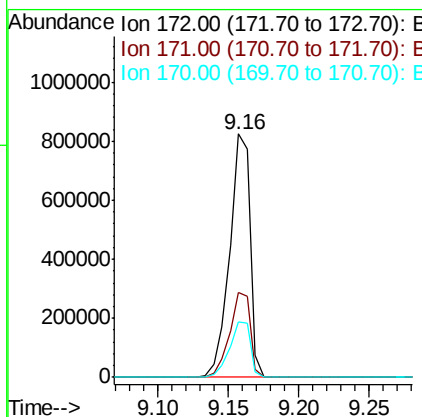
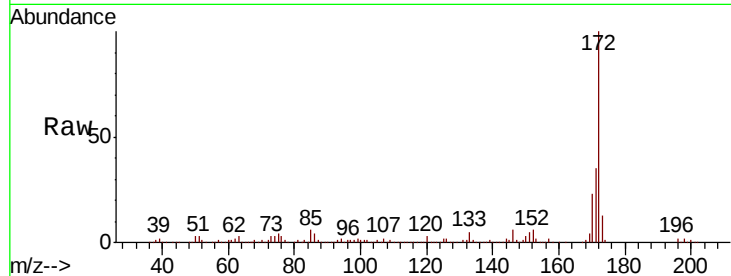
#45
2-Fluorobiphenyl
Concen: 114.713 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.0	19.1	28.7

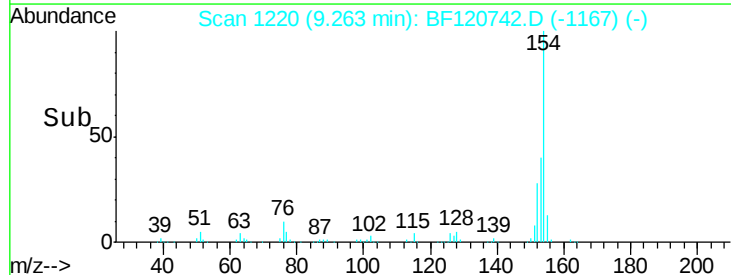
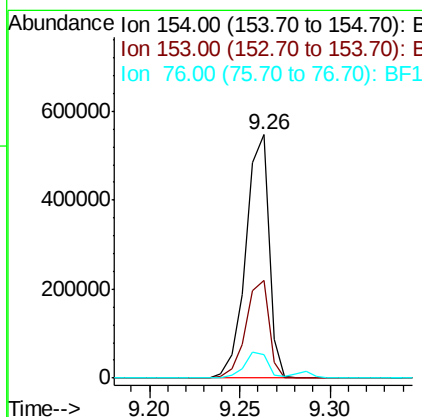
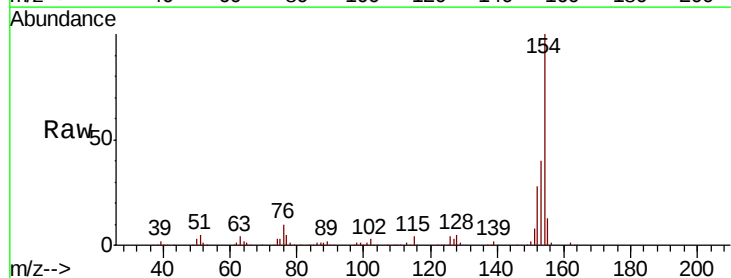
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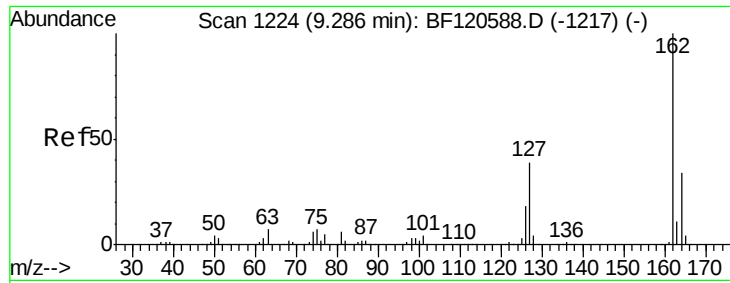
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#46
1,1'-Biphenyl
Concen: 58.697 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	19.9	59.9
76	9.6	0.0	31.0





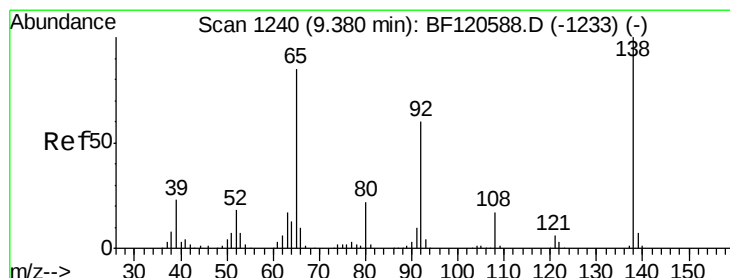
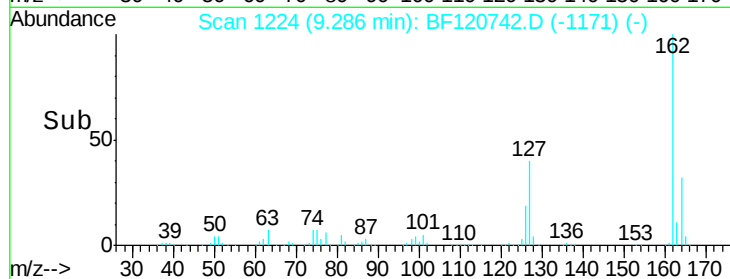
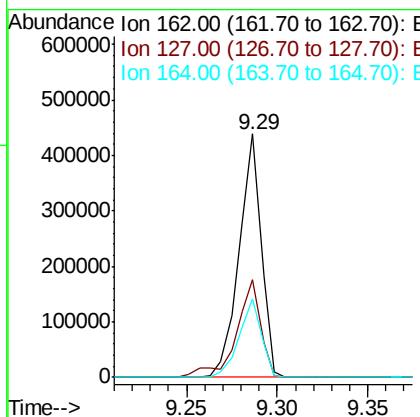
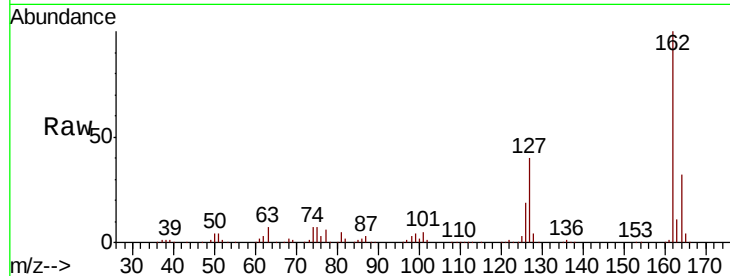
#47
2-Chloronaphthalene
Concen: 55.231 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	40.0	31.2	46.8		
164	32.4	26.6	40.0		

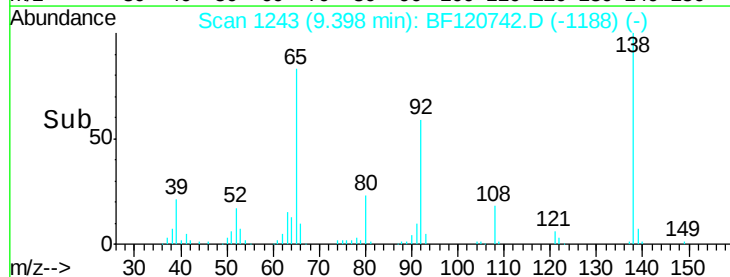
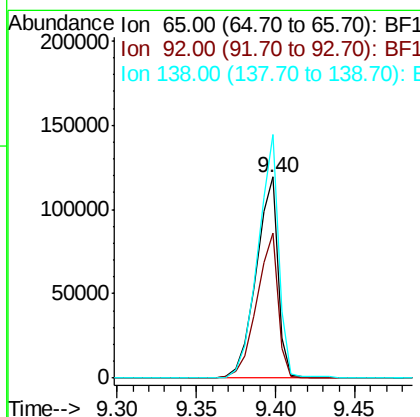
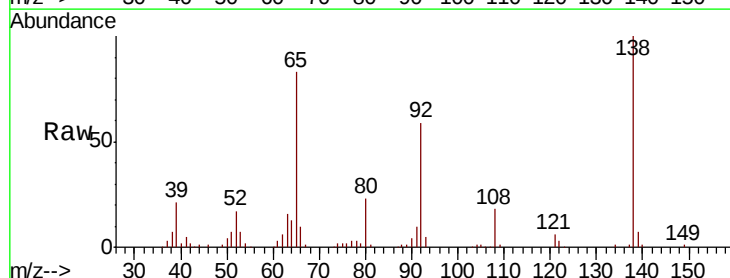
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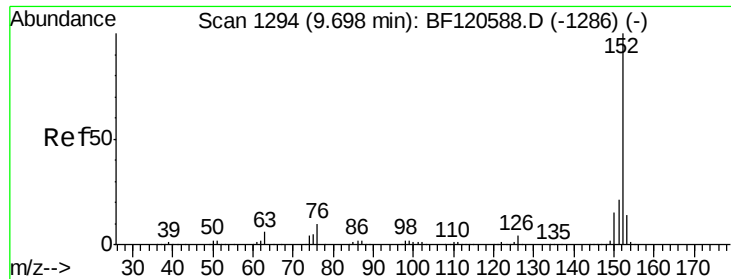
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#48
2-Nitroaniline
Concen: 54.294 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.02 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	71.9	57.7	86.5		
138	121.1	96.6	145.0		





#49

Acenaphthylene

Concen: 54.399 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Instrument :

BNA_F

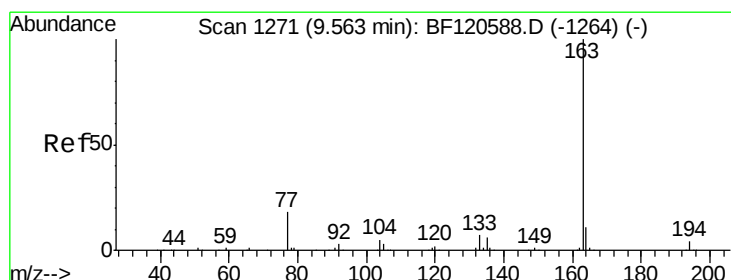
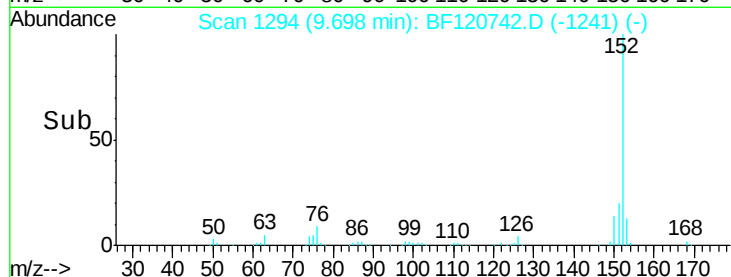
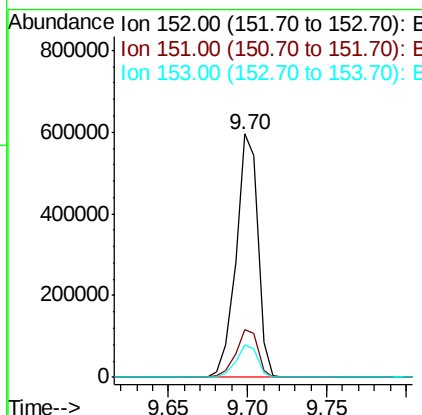
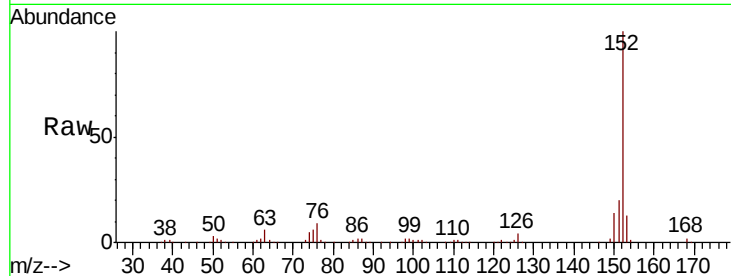
ClientSampleId :

NB-08-061620MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		566755		
151	19.9		15.8	23.8	
153	13.2		10.9	16.3	

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#50

Dimethylphthalate

Concen: 56.731 ng

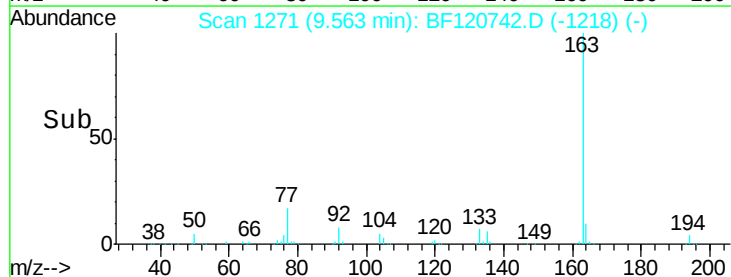
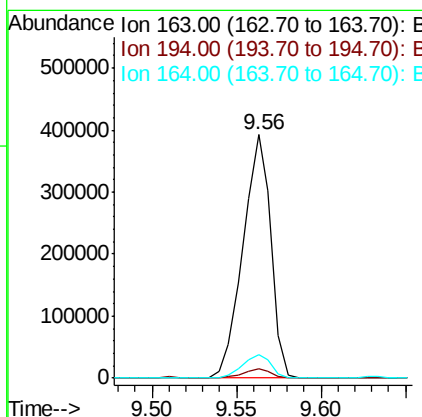
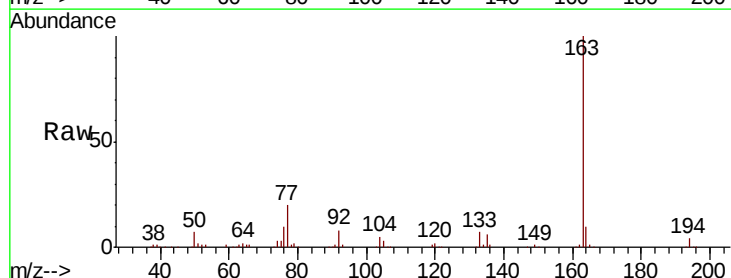
RT: 9.56 min Scan# 1271

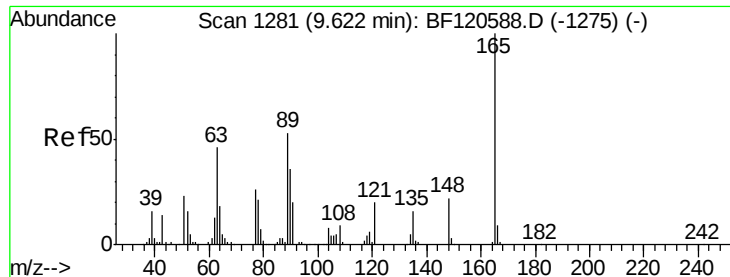
Delta R.T. 0.01 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		451714		
194	3.6		3.0	4.6	
164	9.7		8.2	12.2	





#51

2,6-Dinitrotoluene

Concen: 52.287 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.02 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Instrument :

BNA_F

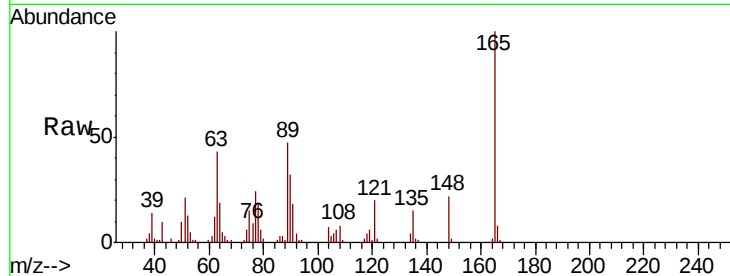
ClientSampleId :

NB-08-061620MS

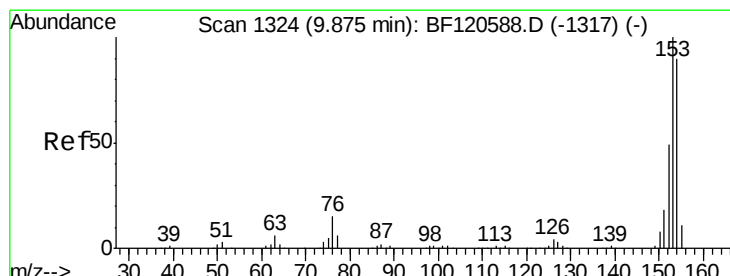
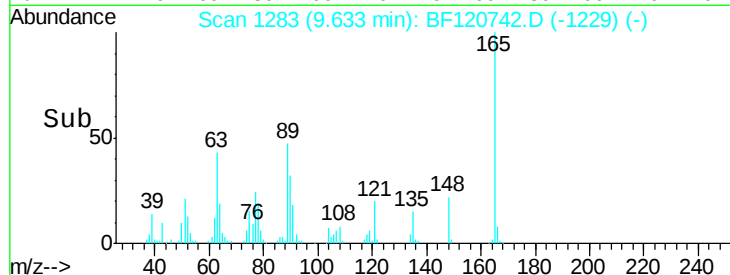
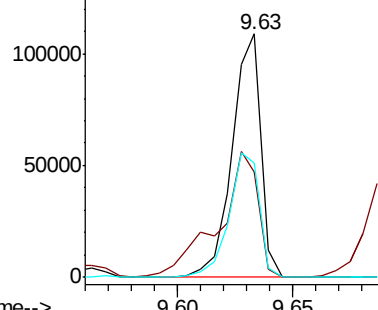
Tot Ion:	165	Resp:	94352
Ion Ratio	Lower	Upper	
165	100		
63	43.4	36.8	55.2
89	46.9	39.4	59.0

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



#52

Acenaphthene

Concen: 54.929 ng

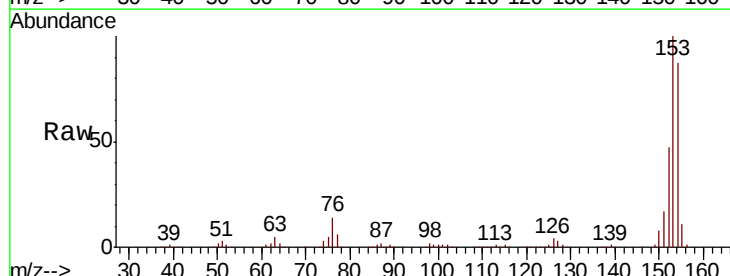
RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

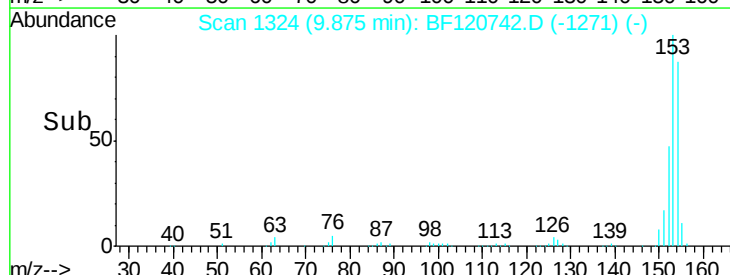
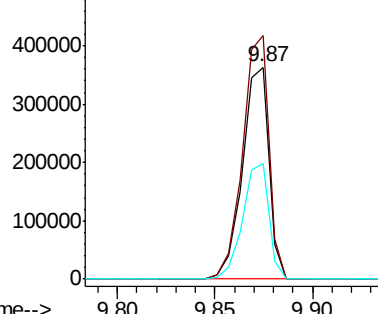
Lab File: BF120742.D

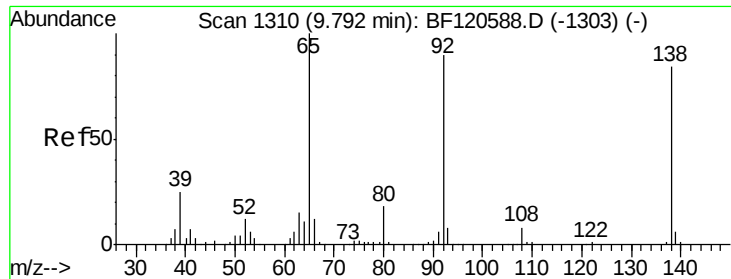
Acq: 29 Jun 2020 22:06

Tgt Ion:	154	Resp:	341310
Ion Ratio	Lower	Upper	
154	100		
153	114.9	90.1	135.1
152	54.3	43.1	64.7



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





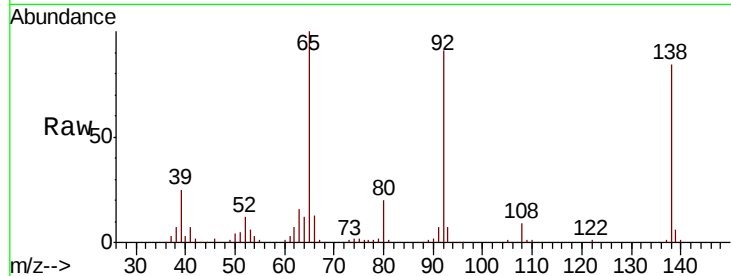
#53
3-Nitroaniline
Concen: 35.909 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.02 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

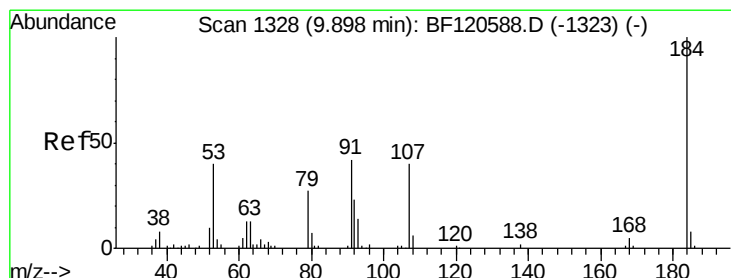
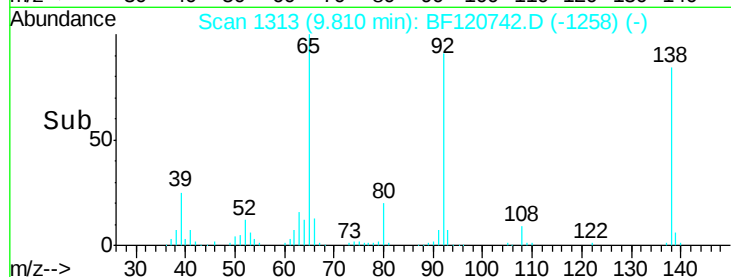
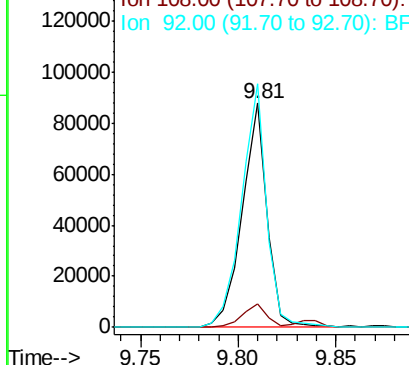
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	7.6	11.4
92	108.6	82.2	123.4

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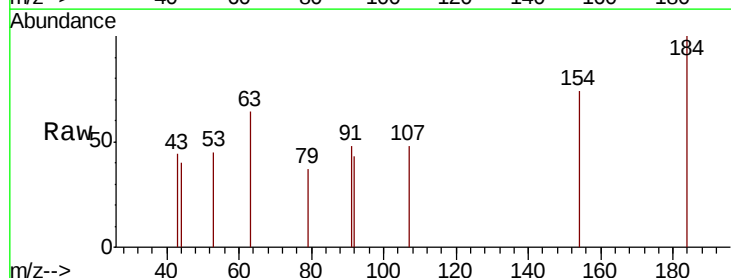


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

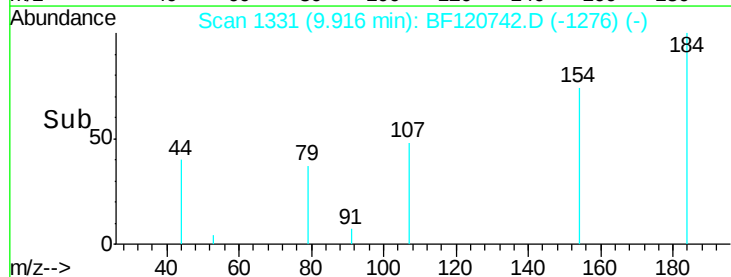
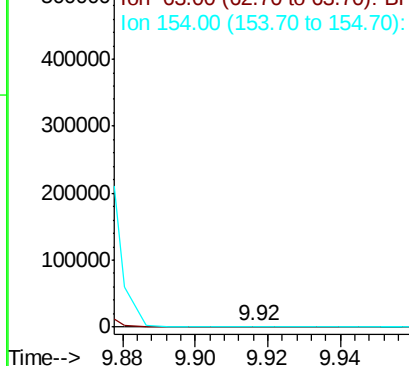


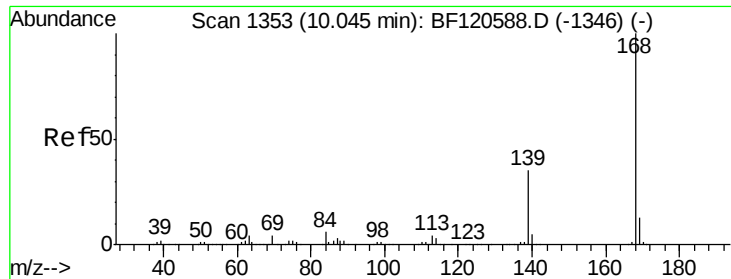
#54
2,4-Dinitrophenol
Concen: 4.158 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.02 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.2	47.4	71.0
154	73.9	45.3	67.9#



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





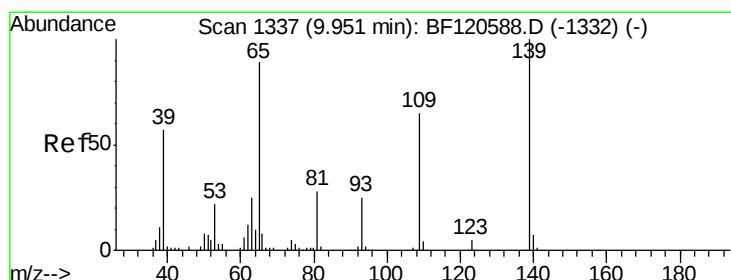
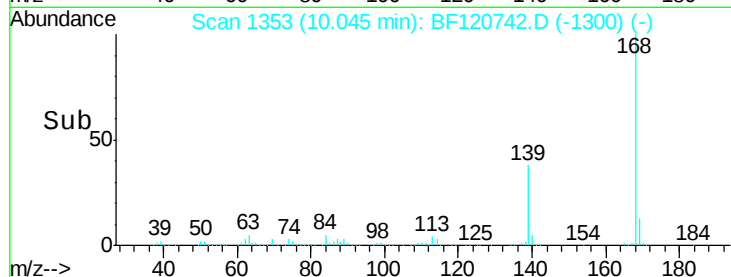
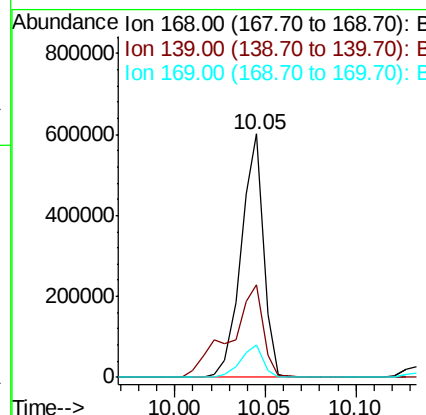
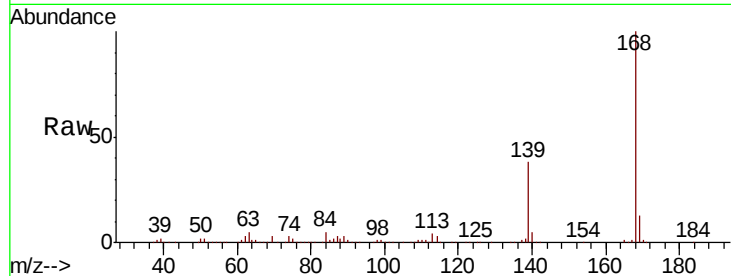
#55
Dibenzofuran
Concen: 53.829 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	28.6	43.0
169	13.5	10.7	16.1

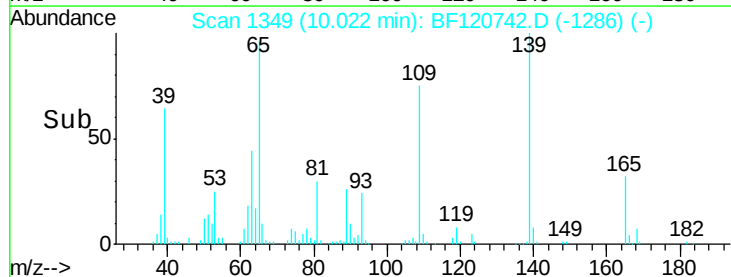
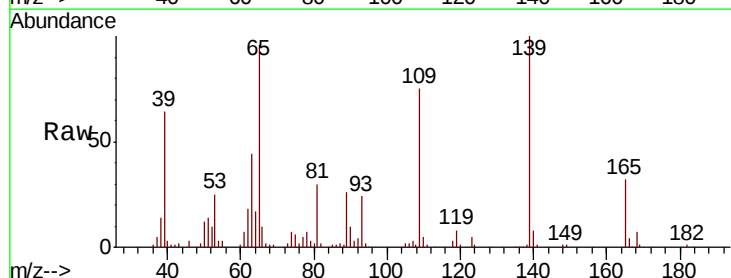
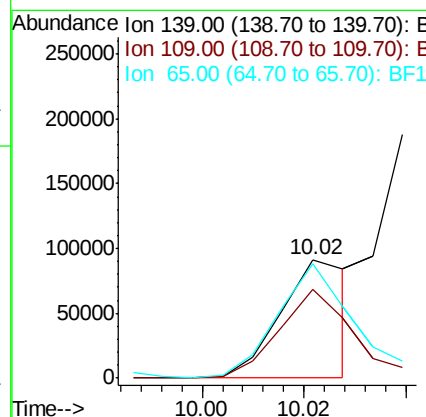
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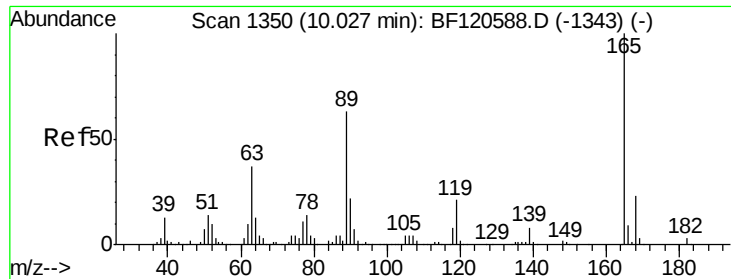
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#56
4-Nitrophenol
Concen: 53.449 ng m
RT: 10.02 min Scan# 1349
Delta R.T. 0.07 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.2	44.5	84.5
65	96.1	69.7	109.7





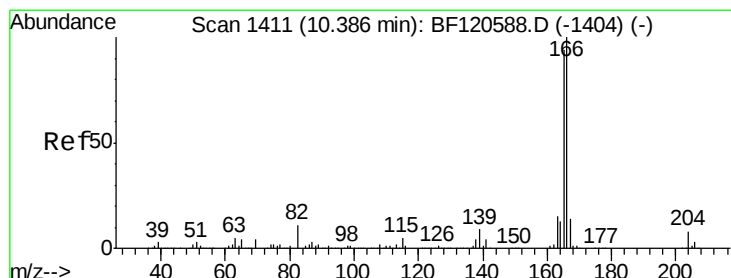
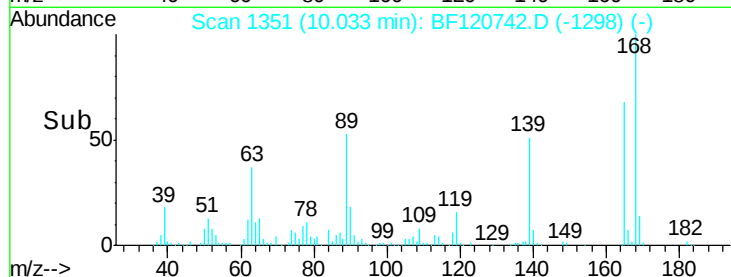
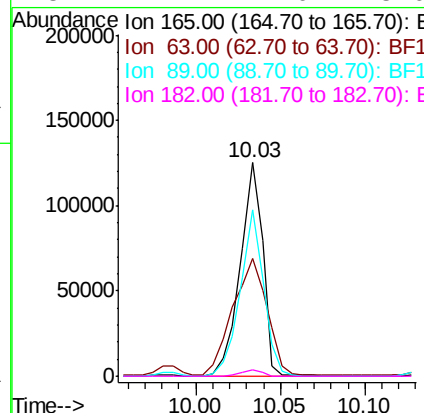
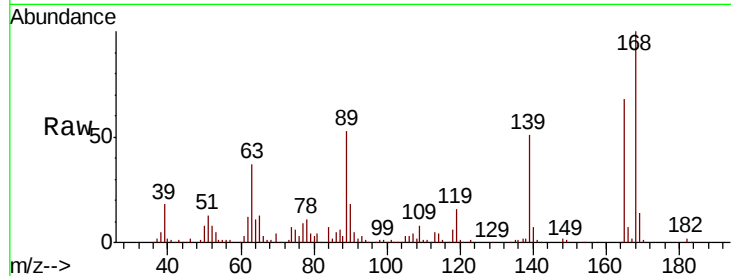
#57
2,4-Dinitrotoluene
Concen: 48.571 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	55.1	30.1	45.1#	
89	77.9	49.2	73.8#	
182	2.7	2.0	3.0	

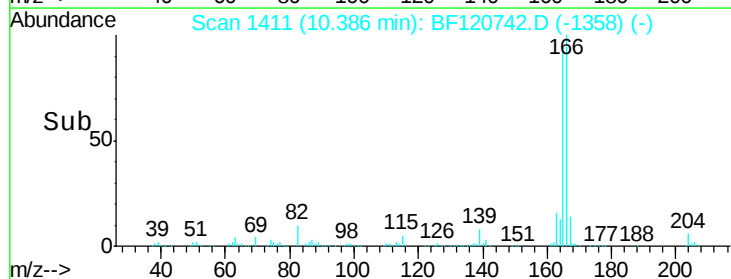
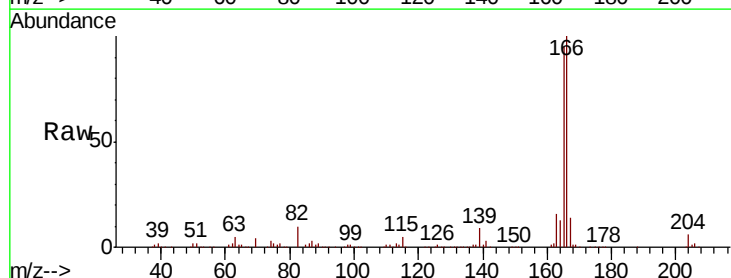
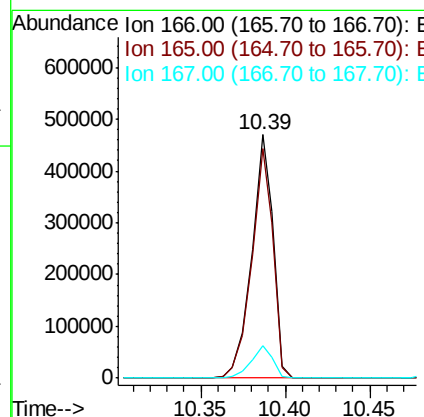
Manual Integrations
APPROVED

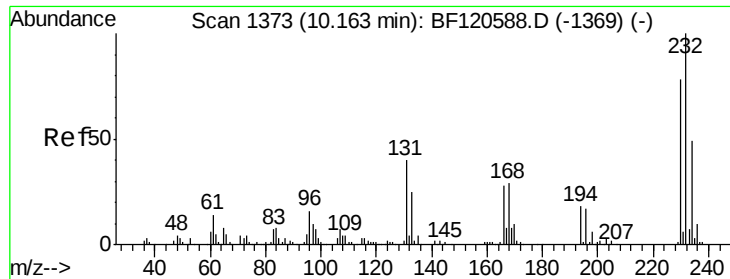
mohammad
6/30/2020 4:15:05 PM



#58
Fluorene
Concen: 56.705 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	94.5	74.6	112.0	
167	13.5	10.9	16.3	





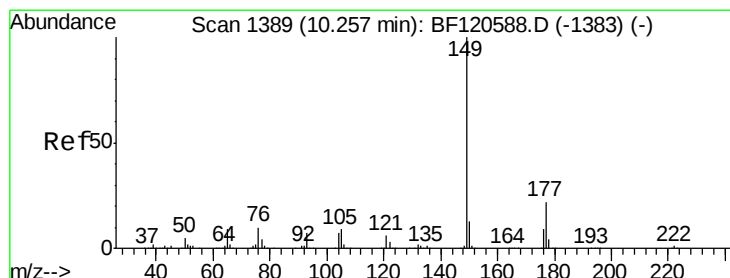
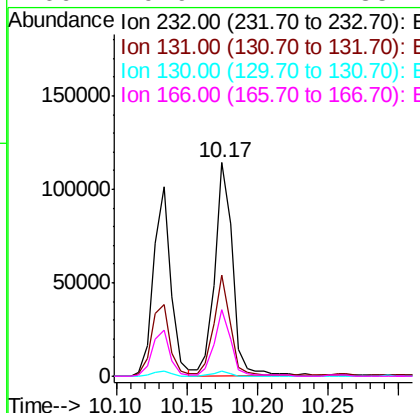
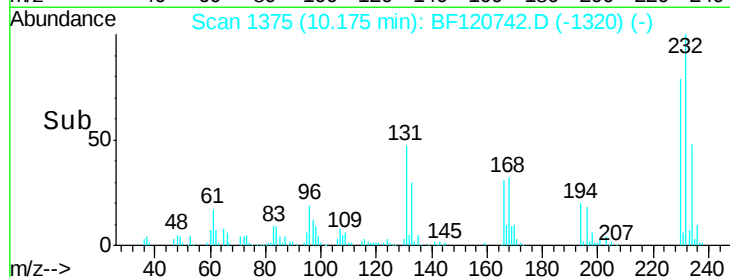
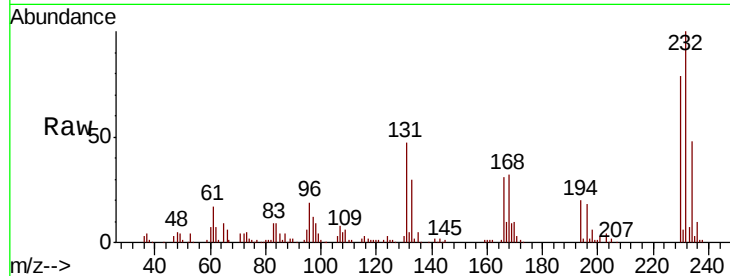
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.297 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.02 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.2	32.4	48.6
130	2.3	1.4	2.2
166	29.9	22.1	33.1

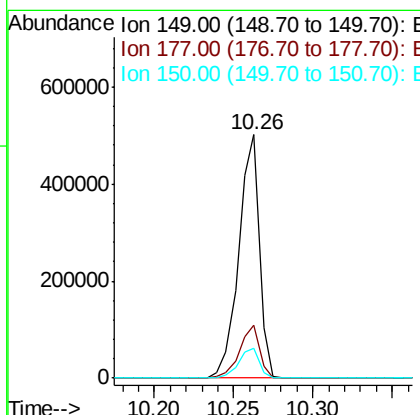
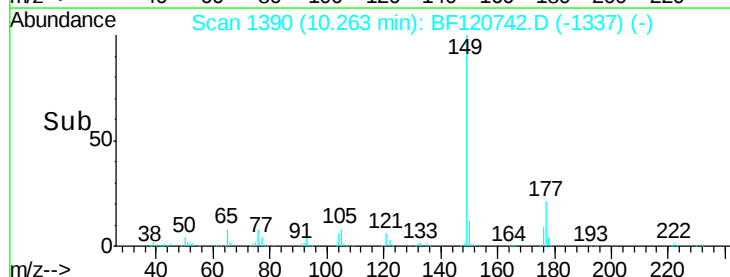
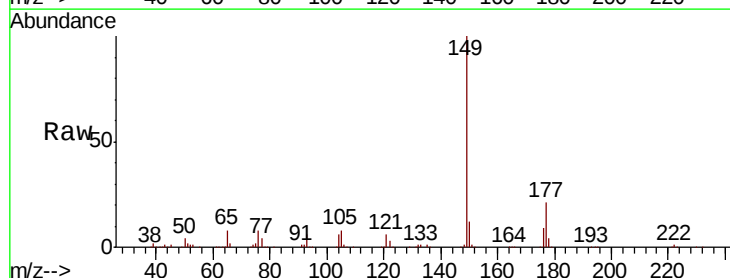
Manual Integrations
APPROVED

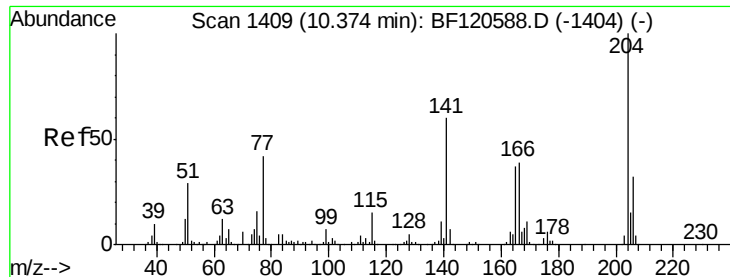
mohammad
6/30/2020 4:15:05 PM



#60
Diethylphthalate
Concen: 57.538 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	18.0	27.0
150	12.2	9.8	14.6





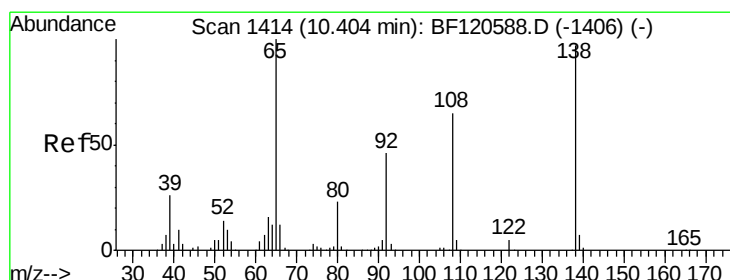
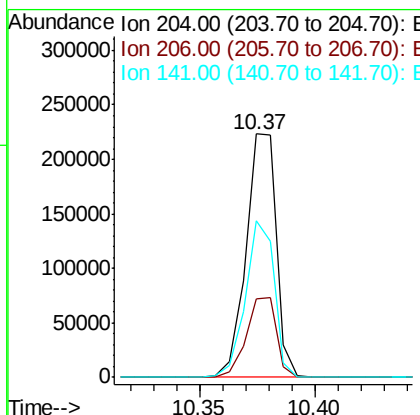
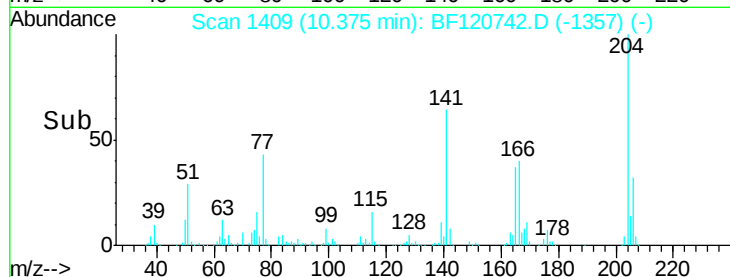
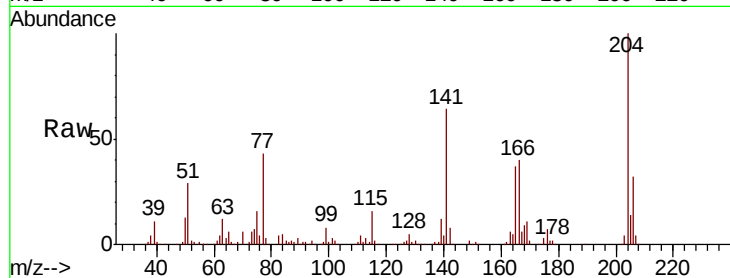
#61
4-Chlorophenyl-phenylether
Concen: 54.069 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.4	39.6
141	64.4	42.9	64.3

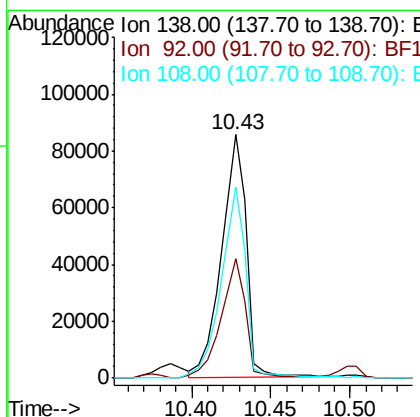
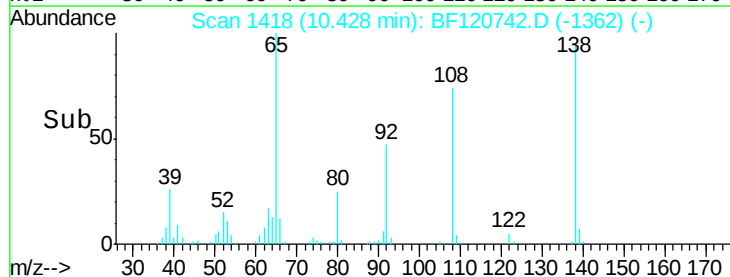
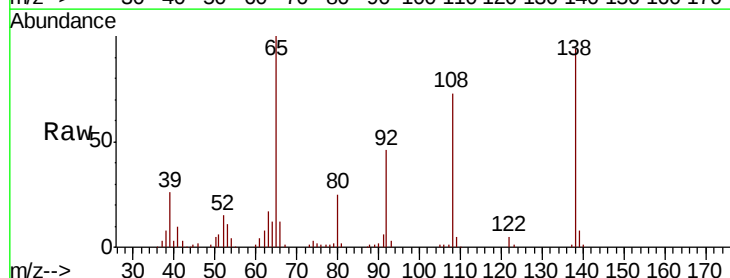
Manual Integrations
APPROVED

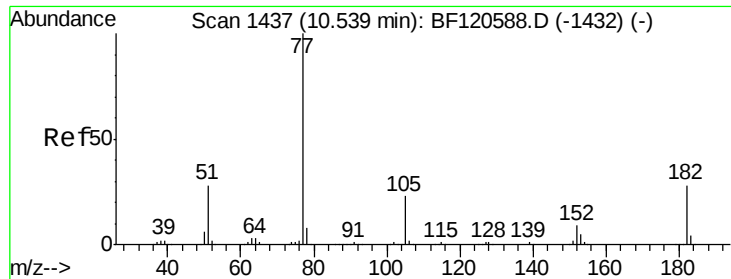
mohammad
6/30/2020 4:15:05 PM



#62
4-Nitroaniline
Concen: 42.679 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.03 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	26.4	66.4
108	78.3	45.5	85.5





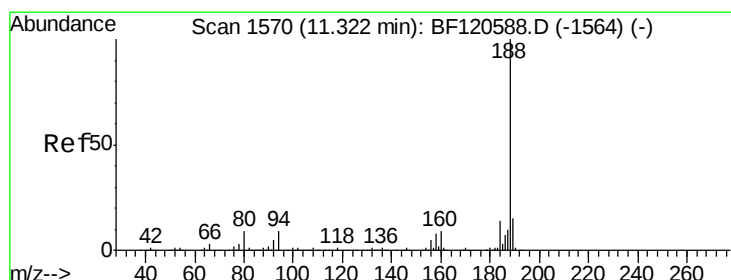
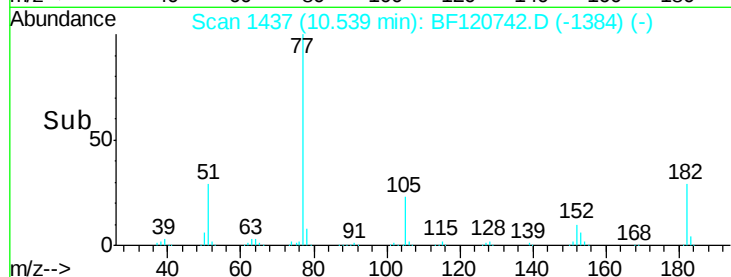
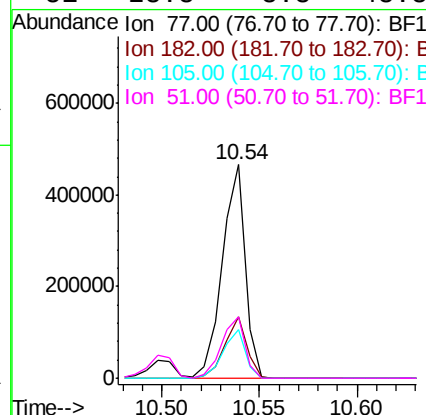
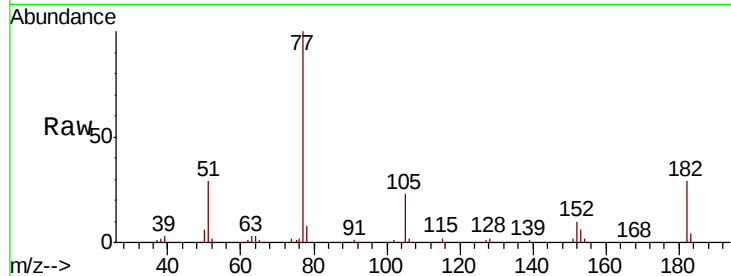
#63
Azobenzene
Concen: 53.361 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		379847		
182	29.0	7.6	47.6		
105	22.6	3.9	43.9		
51	28.8	8.8	48.8		

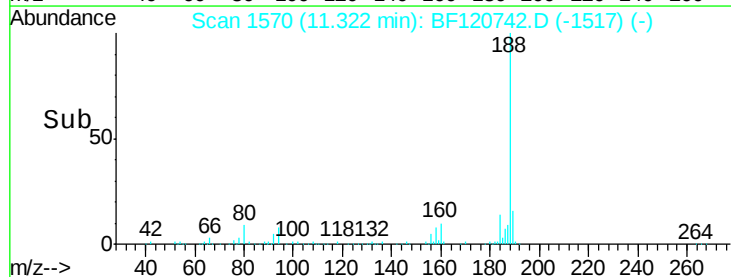
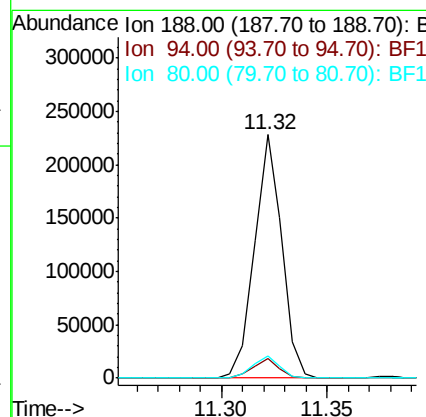
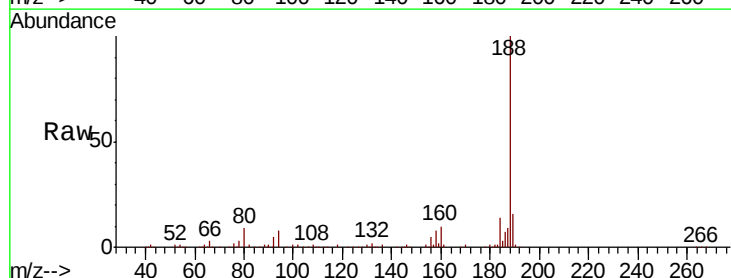
Manual Integrations
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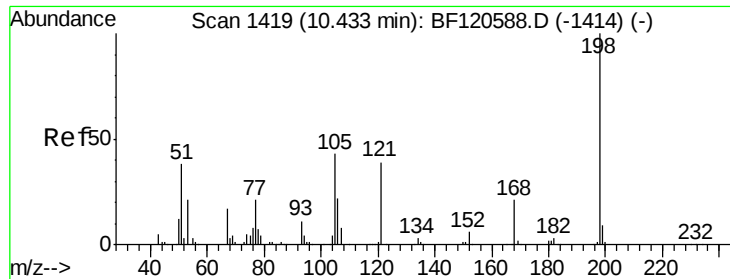
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		205783		
94	8.2	7.5	11.3		
80	8.9	7.7	11.5		





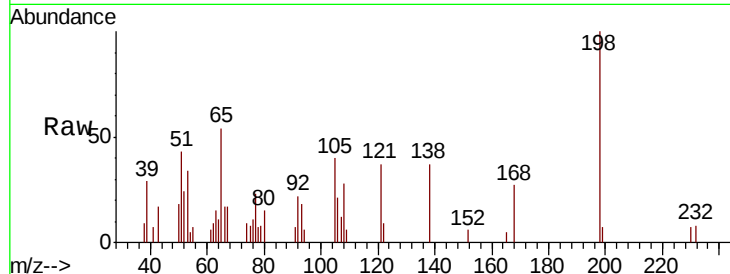
#65
4,6-Dinitro-2-methylphenol
Concen: 5.139 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.02 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

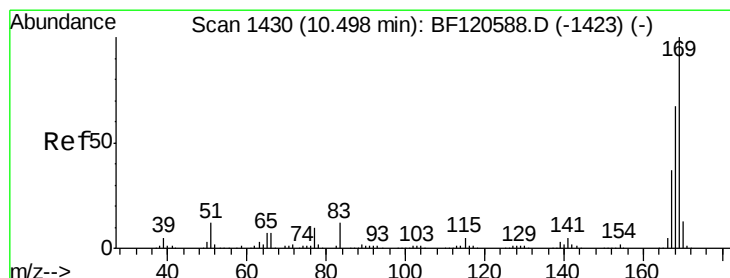
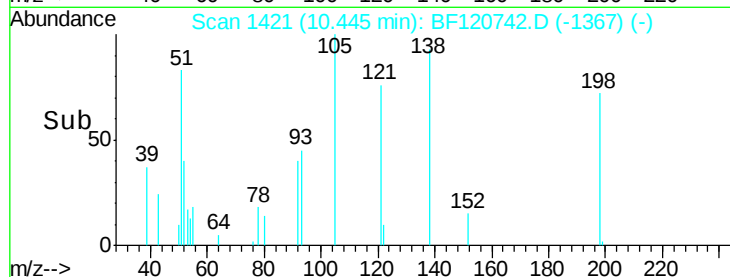
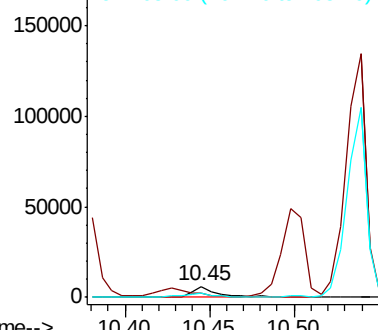
Tot Ion	Ratio	Lower	Upper
198	100		
51	43.4	23.6	63.6
105	39.8	24.0	64.0

Manual Integrations
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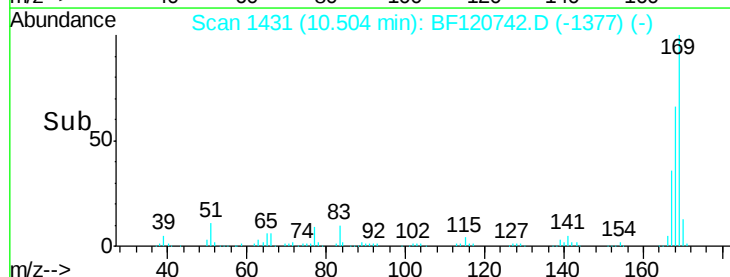
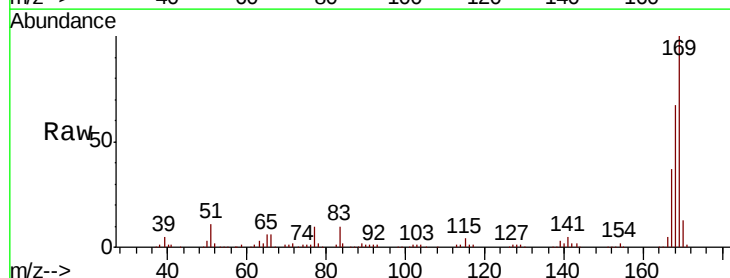
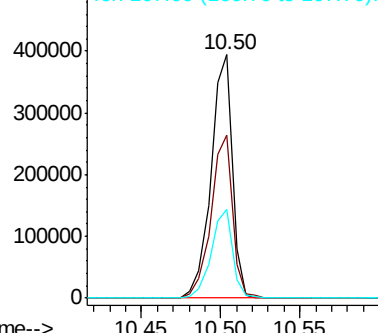
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

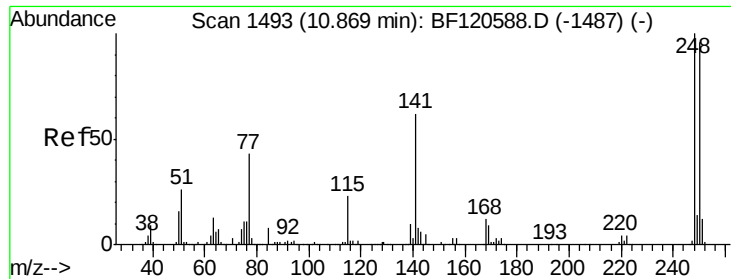


#66
n-Nitrosodiphenylamine
Concen: 57.862 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.02 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.2	79.8
167	36.6	29.2	43.8

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





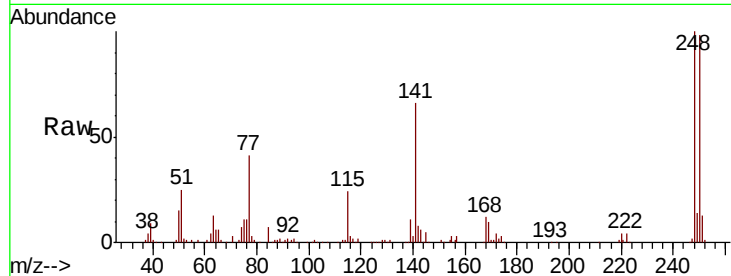
#67
 4-Bromophenyl-phenylether
 Concen: 55.086 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.01 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.8	116.6
141	66.0	52.0	78.0

Manual Integrations
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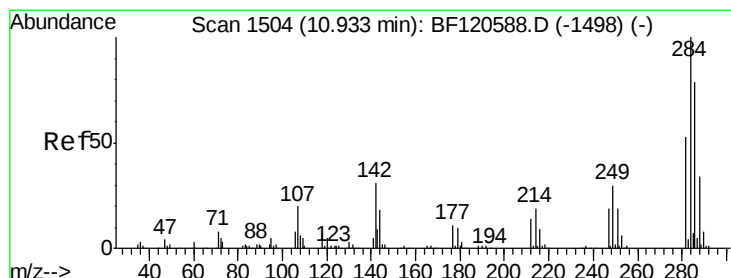
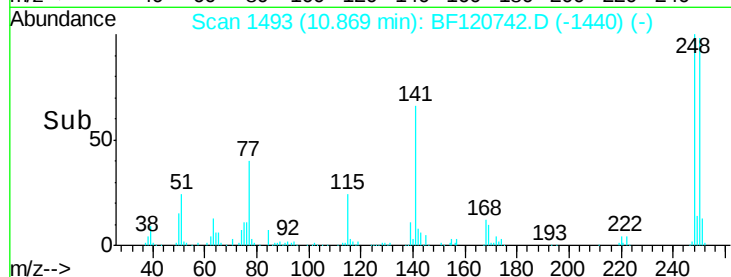
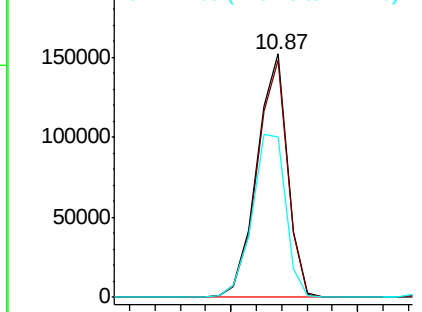


Abundance

Ion 248.00 (247.70 to 248.70): E

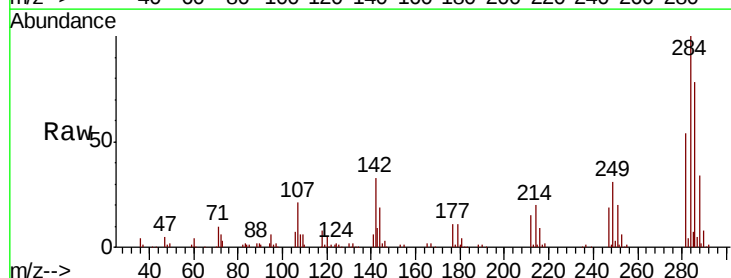
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 55.847 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.01 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.4	26.7	40.1
249	30.9	24.0	36.0

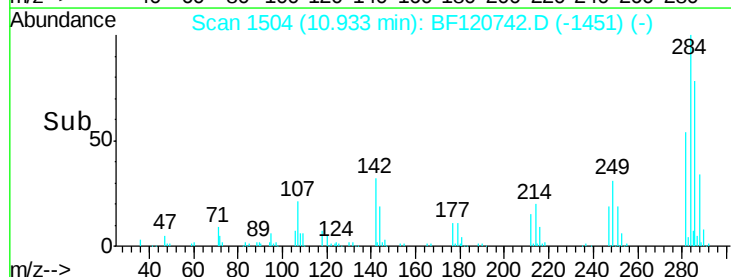
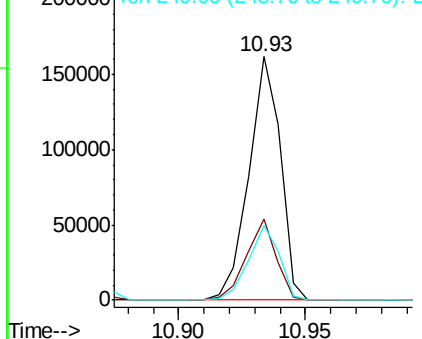


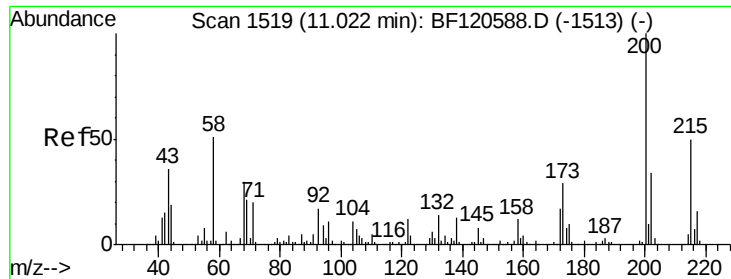
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





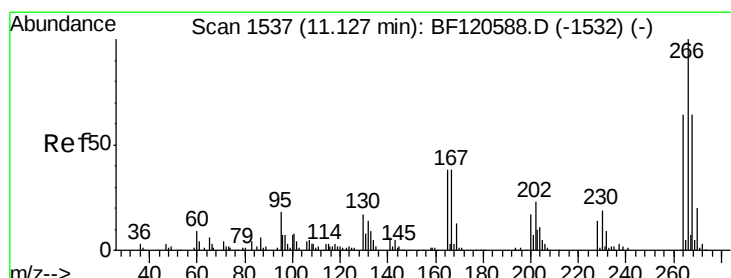
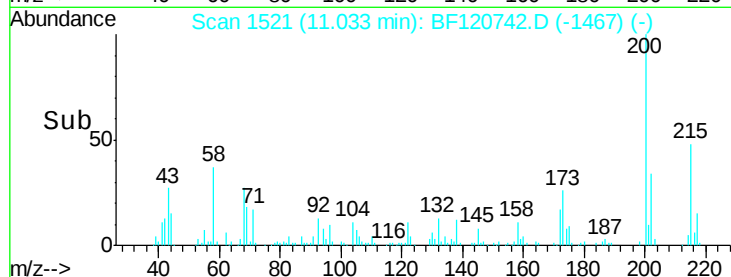
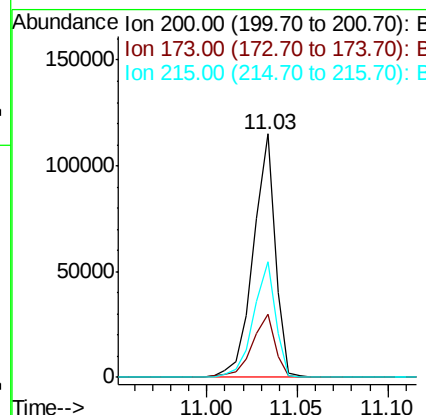
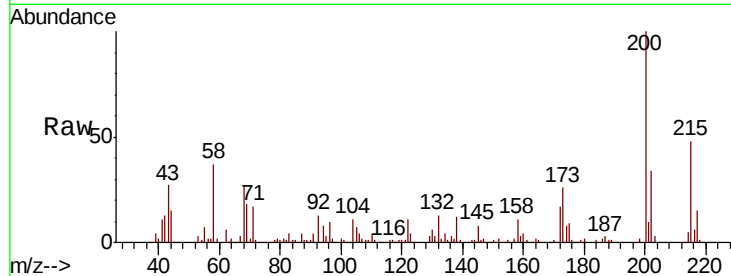
#69
Atrazine
Concen: 49.433 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.02 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.7	46.7
215	47.7	28.6	68.6

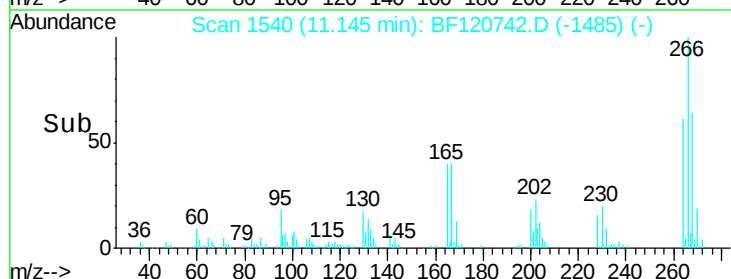
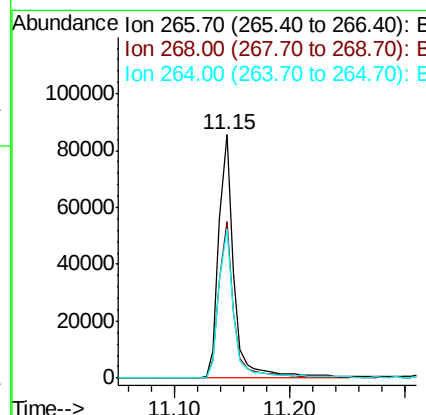
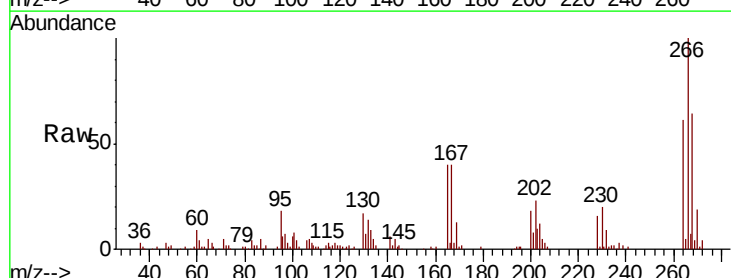
Manual Integrations
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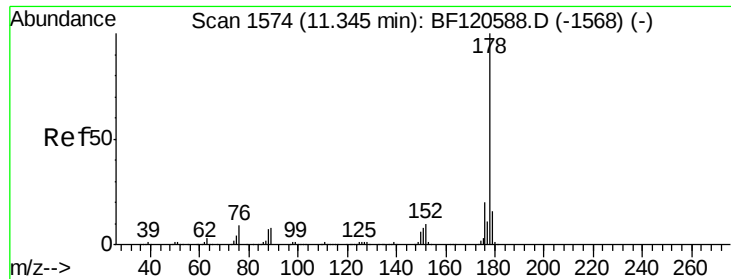
mohammad
6/30/2020 4:15:05 PM



#70
Pentachlorophenol
Concen: 56.758 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.02 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.8	77.6
264	61.3	51.3	76.9





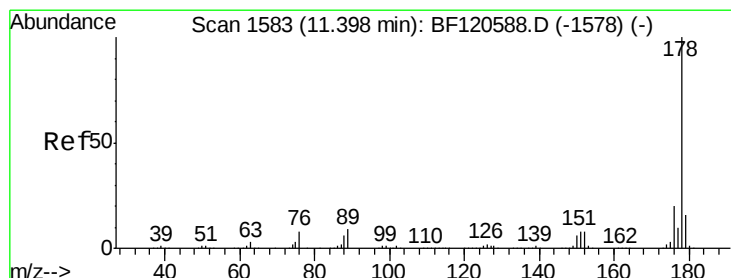
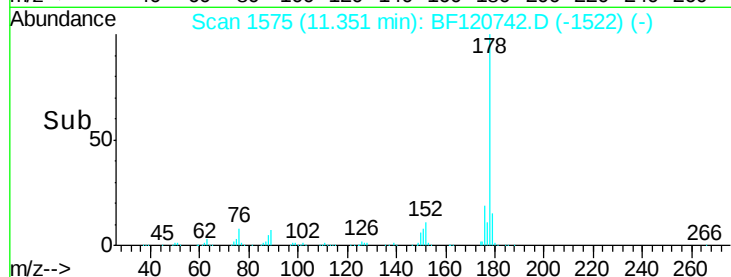
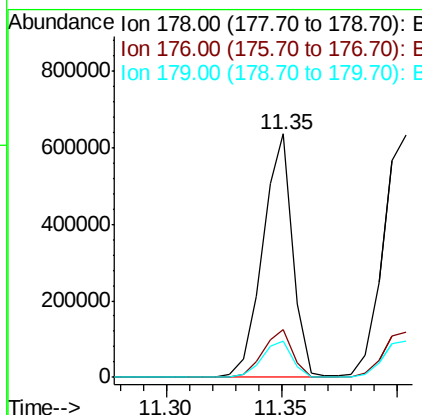
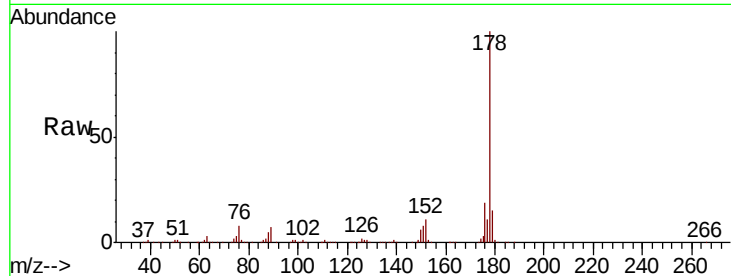
#71
Phenanthrene
Concen: 55.742 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.6
179	15.1	12.3	18.5

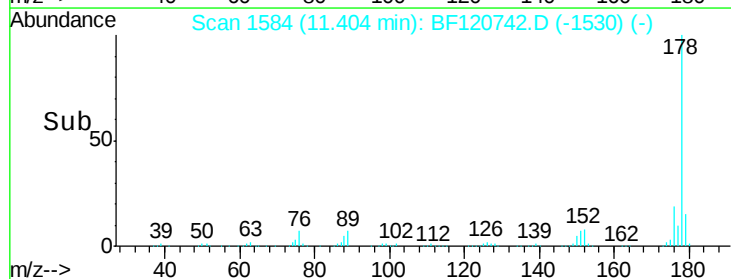
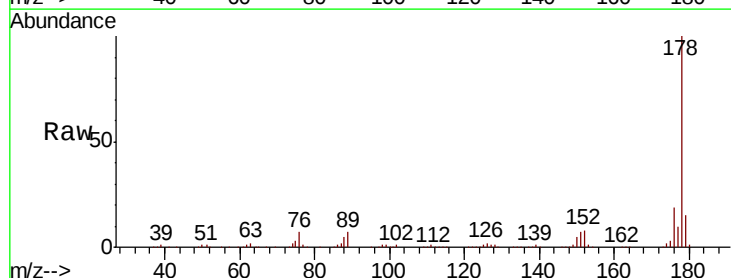
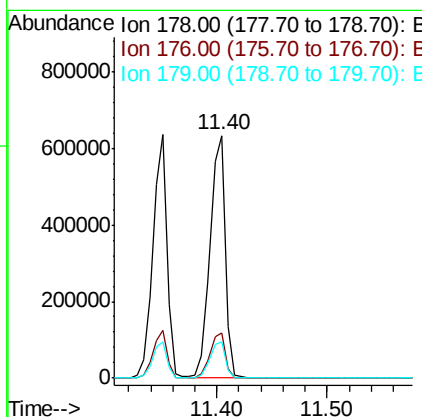
Manual Integrations
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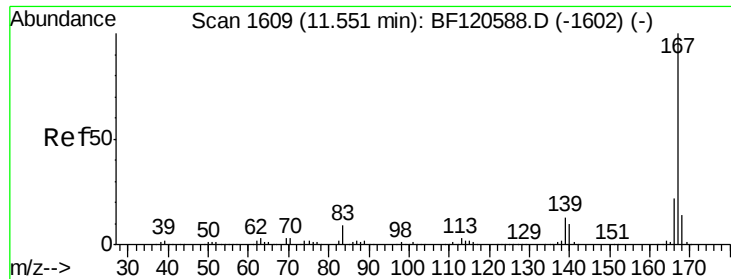
mohammad
6/30/2020 4:15:05 PM



#72
Anthracene
Concen: 57.326 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.02 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.2	12.9	19.3





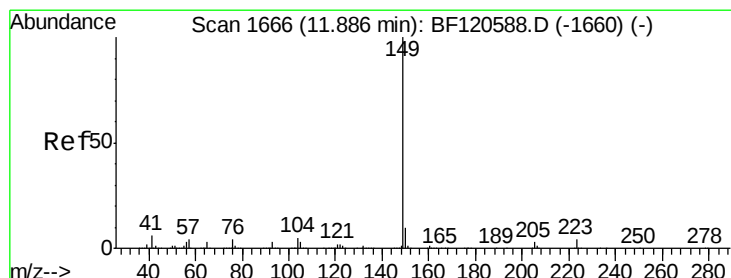
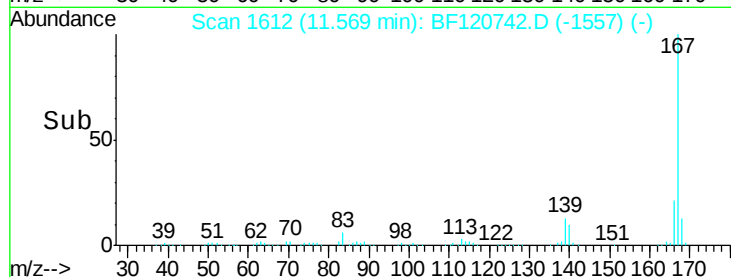
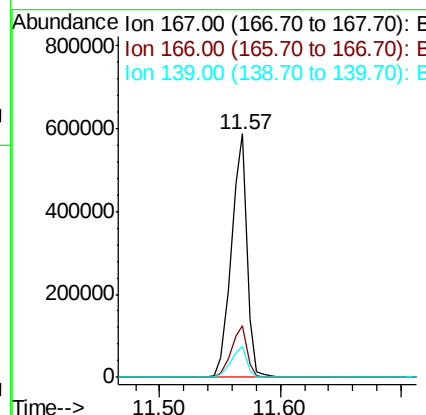
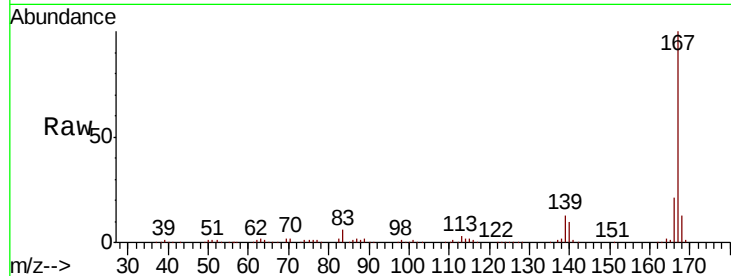
#73
 Carbazole
 Concen: 51.381 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.02 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.7	26.5
139	12.5	10.2	15.2

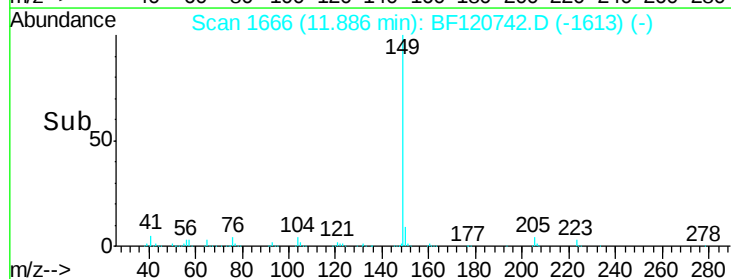
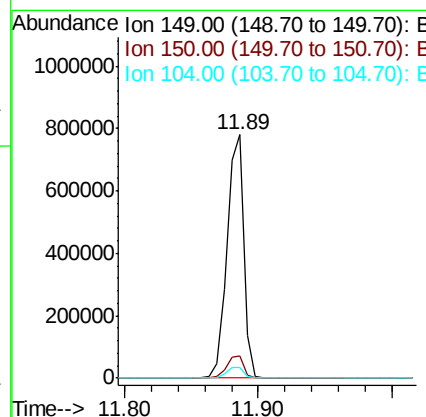
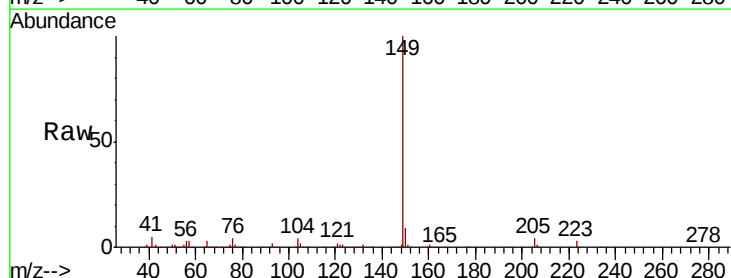
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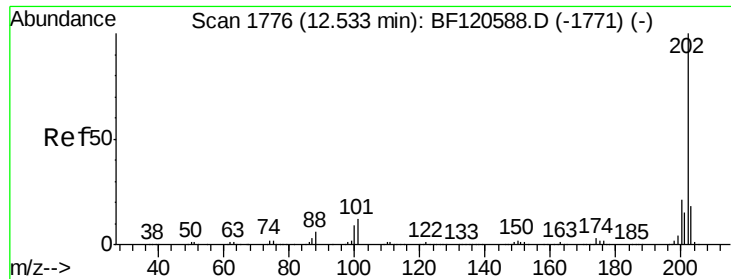
mohammad
 6/30/2020 4:15:05 PM



#74
 Di-n-butylphthalate
 Concen: 60.369 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.01 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.5	11.3
104	4.4	3.6	5.4





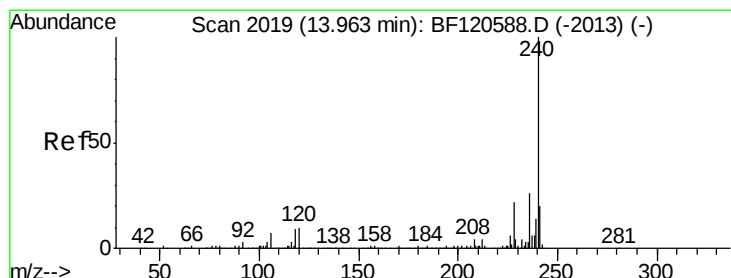
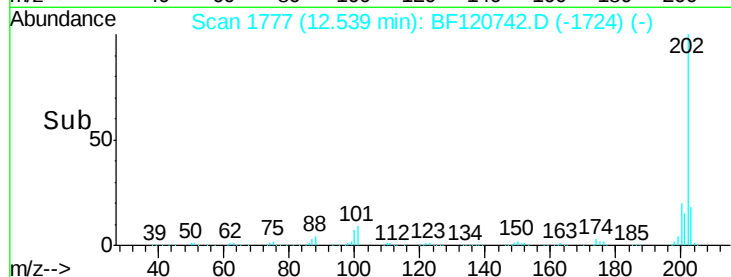
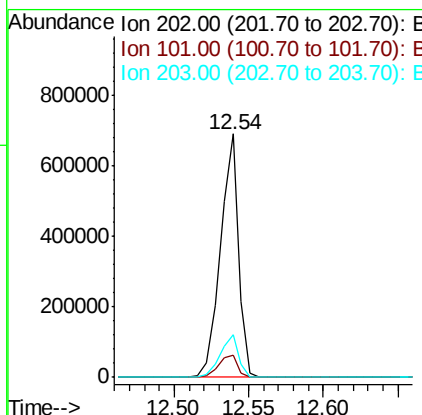
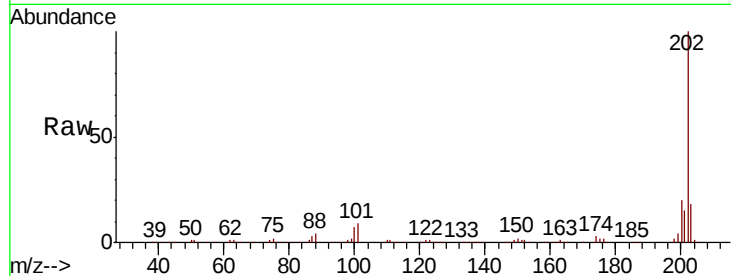
#75
Fluoranthene
 Concen: 50.425 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. 0.01 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		589751		
101	9.0	0.0	29.8		
203	17.6	0.0	37.7		

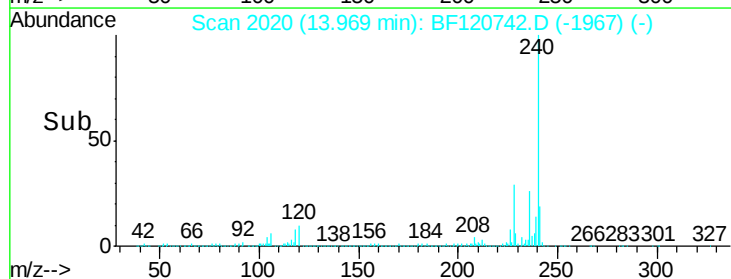
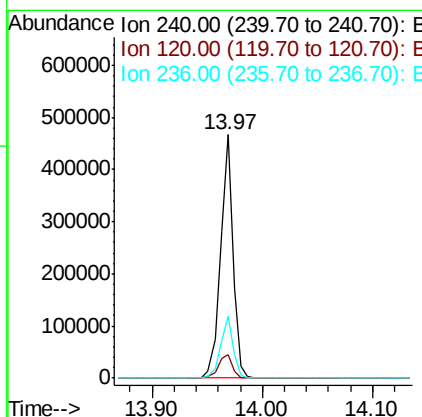
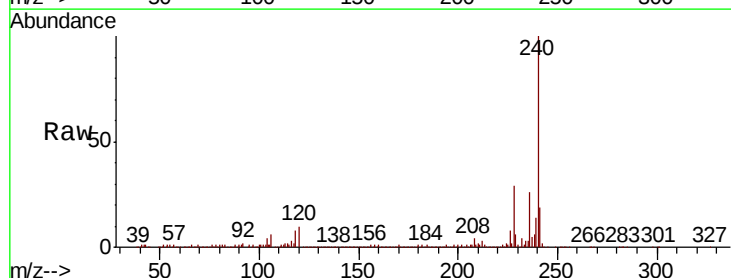
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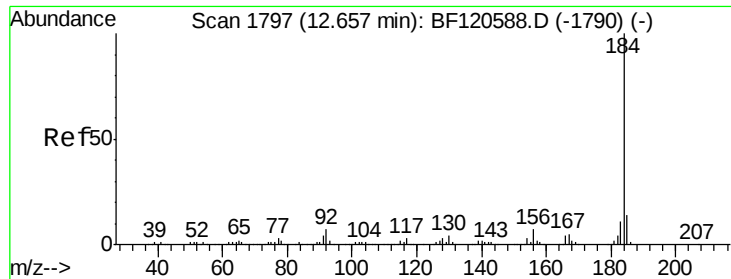
mohammad
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#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		368588		
120	9.6	7.6	11.4		
236	25.6	21.0	31.4		





#77

Benzidine

Concen: 14.708 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Instrument :

BNA_F

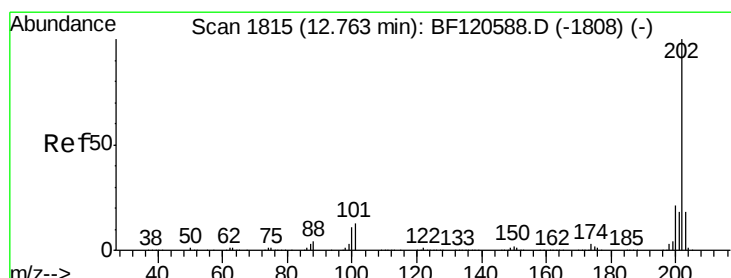
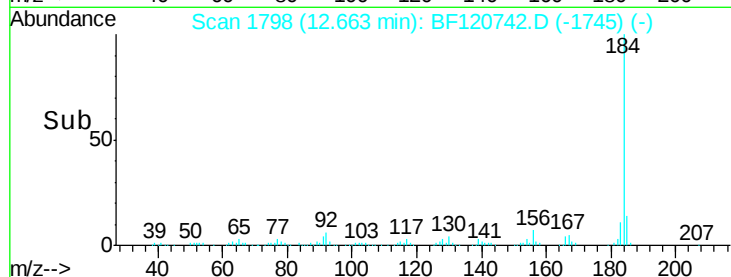
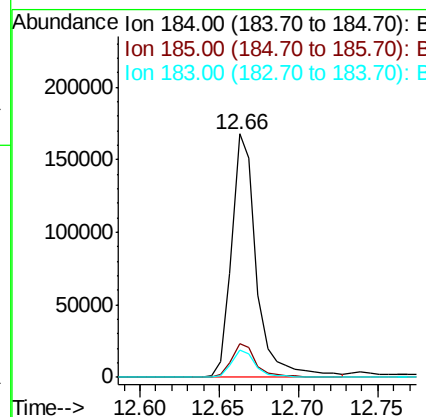
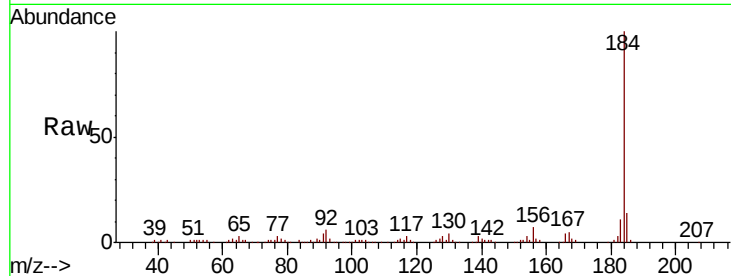
ClientSampleId :

NB-08-061620MS

Tot Ion:	184	Resp:	183342
Ion Ratio	Lower	Upper	
184	100		
185	14.0	11.9	17.9
183	11.1	8.6	12.8

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#78

Pyrene

Concen: 37.494 ng

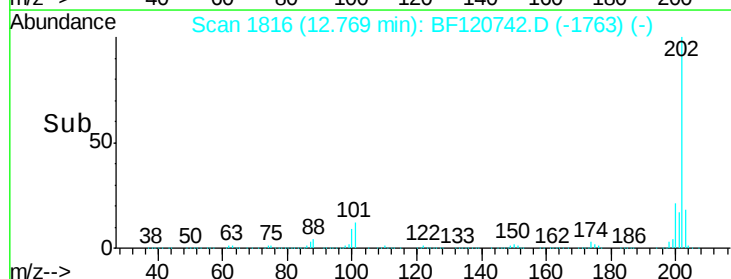
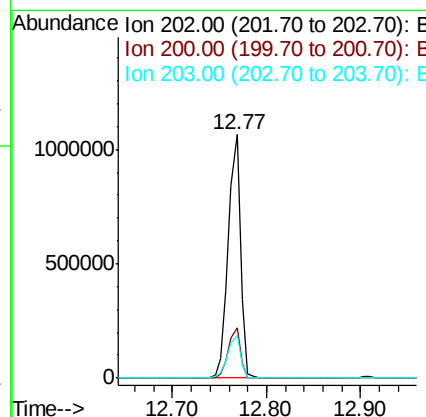
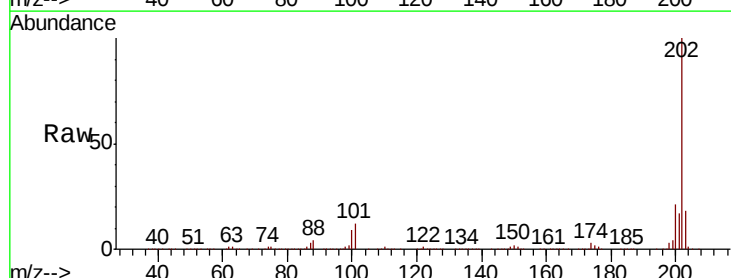
RT: 12.77 min Scan# 1816

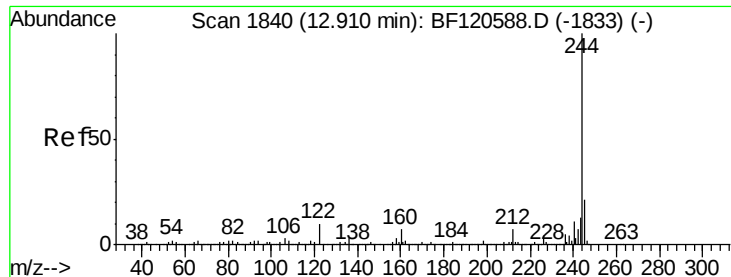
Delta R.T. 0.01 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Tgt Ion:	202	Resp:	979028
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.6	25.0
203	17.7	14.2	21.2





#79

Terphenyl-d14

Concen: 96.201 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

Tot Ion:244 Resp: 1605268

Ion Ratio Lower Upper

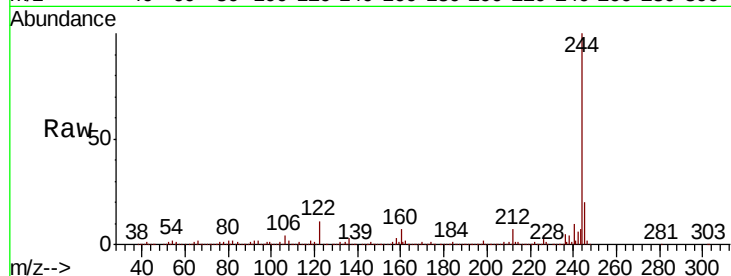
244 100

212 7.0 5.6 8.4

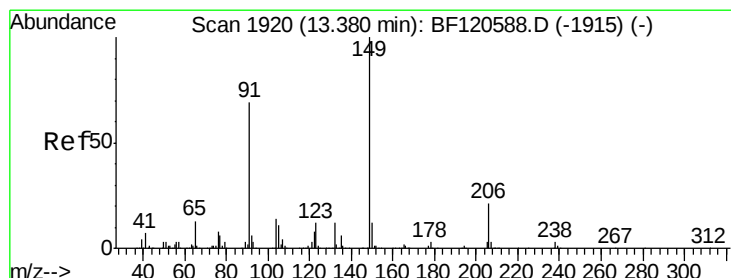
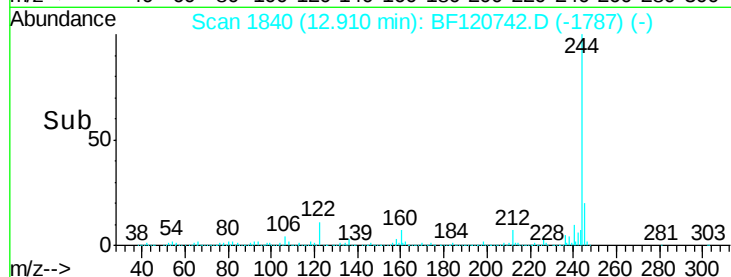
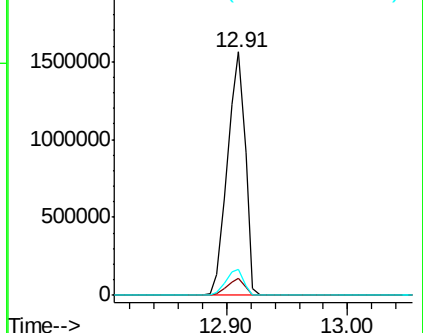
122 10.8 8.8 13.2

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.568 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

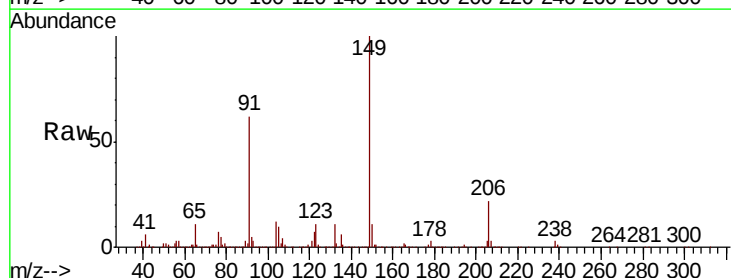
Tgt Ion:149 Resp: 481962

Ion Ratio Lower Upper

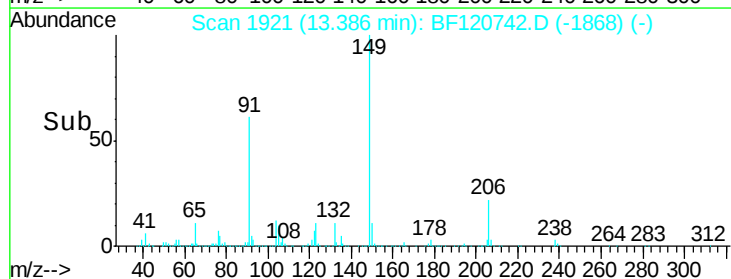
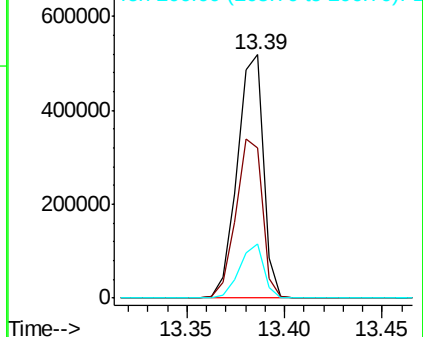
149 100

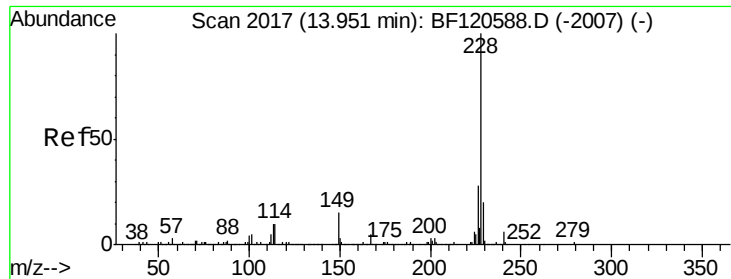
91 61.5 50.0 75.0

206 22.3 17.6 26.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





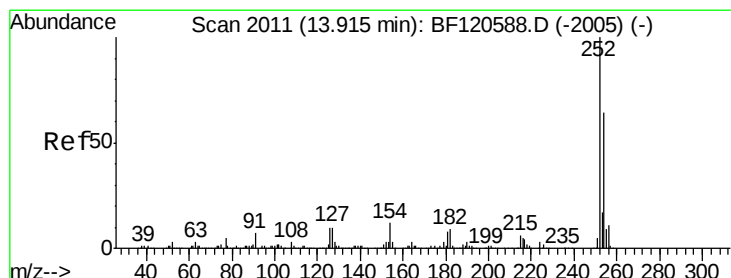
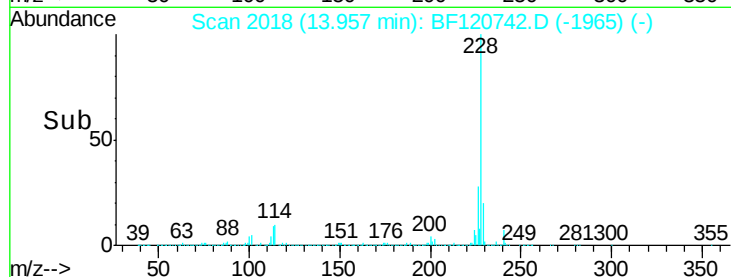
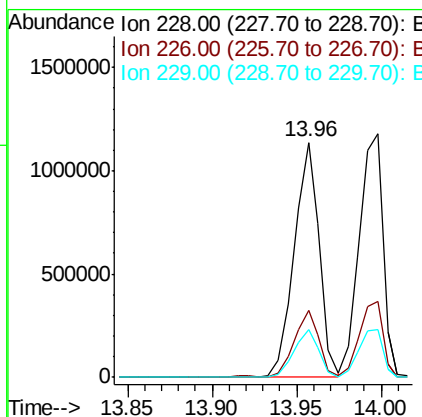
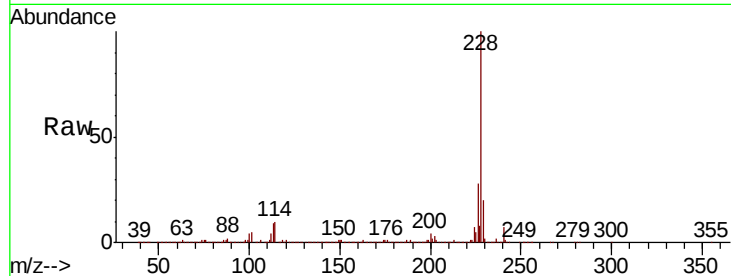
#81
Benzo(a)anthracene
Concen: 52.802 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion:228 Resp: 1169266
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 20.3 16.3 24.5

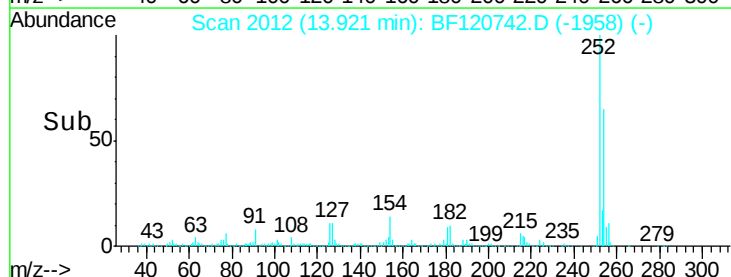
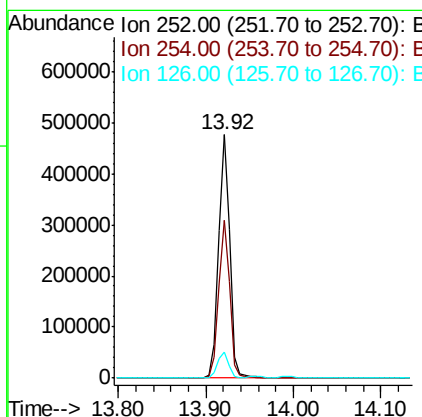
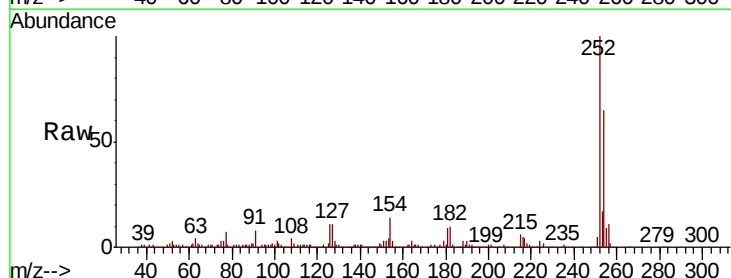
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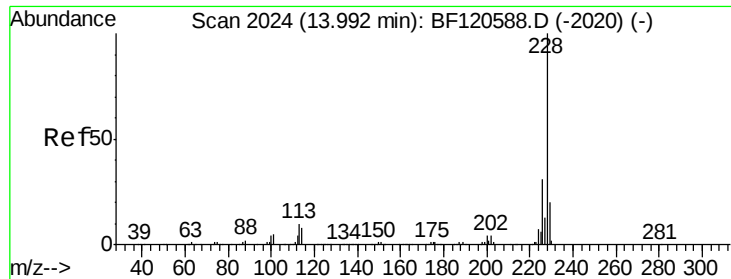
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 50.428 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.02 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion:252 Resp: 426543
Ion Ratio Lower Upper
252 100
254 64.8 50.8 76.2
126 10.9 9.6 14.4





#83

Chrysene

Concen: 50.567 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.02 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

Tot Ion:228 Resp: 1148612

Ion Ratio Lower Upper

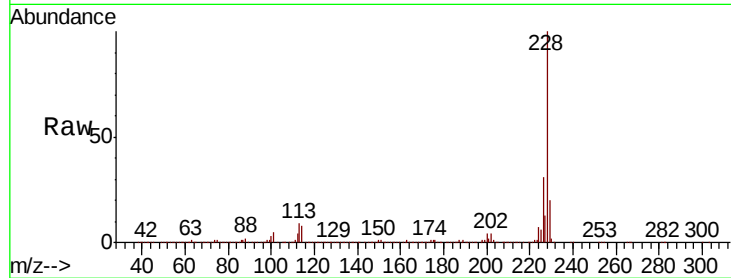
228 100

226 31.0 25.0 37.6

229 19.8 16.1 24.1

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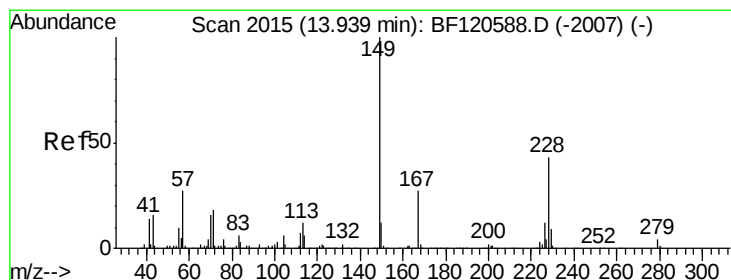
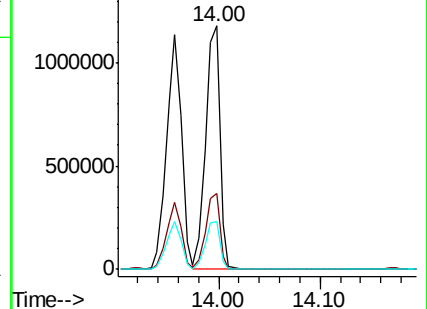
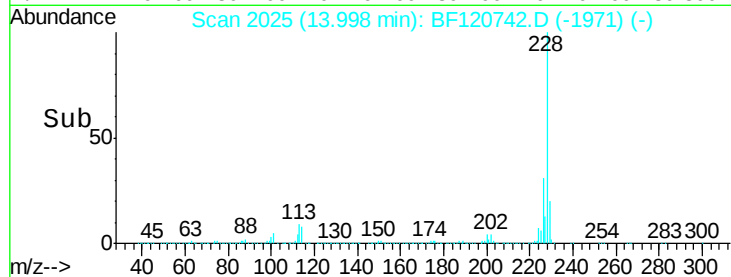
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.965 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.01 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

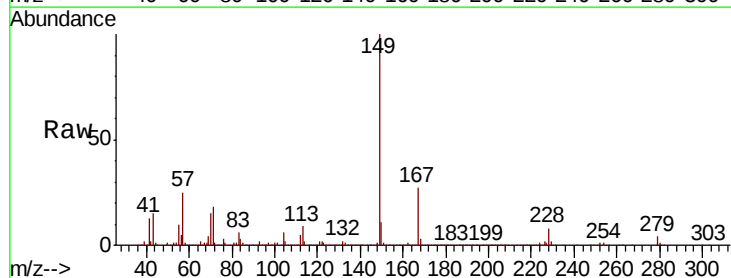
Tgt Ion:149 Resp: 820212

Ion Ratio Lower Upper

149 100

167 27.1 21.9 32.9

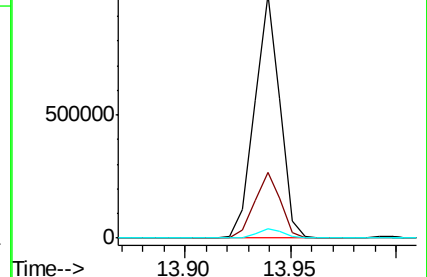
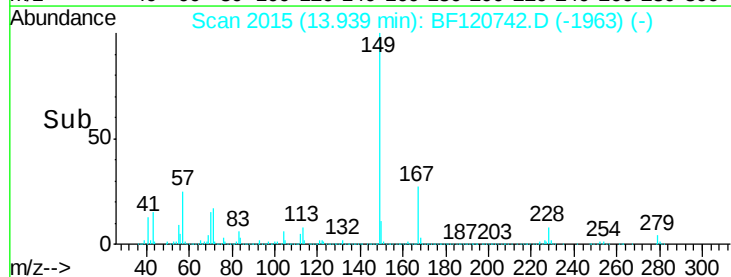
279 3.9 3.6 5.4

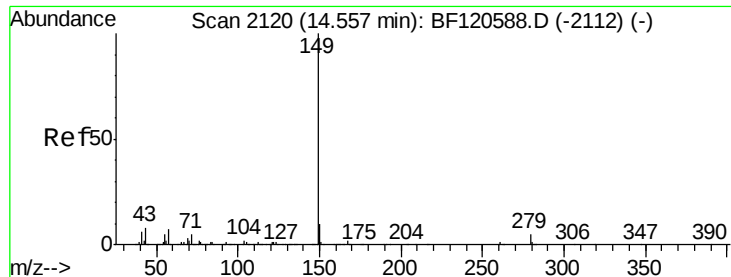


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 51.282 ng

RT: 14.55 min Scan# 2119

Delta R.T. 0.01 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

Tot Ion:149 Resp: 1384887

Ion Ratio Lower Upper

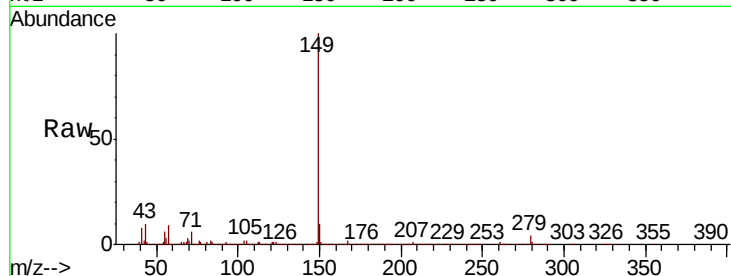
149 100

167 1.6 1.2 1.8

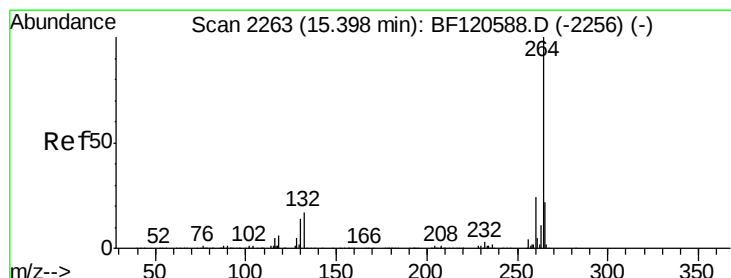
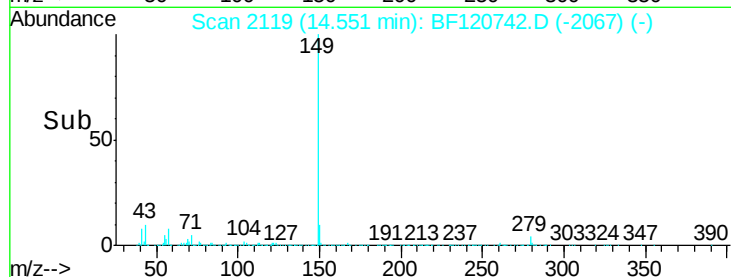
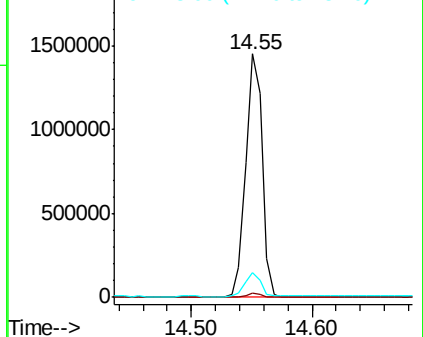
43 9.5 7.3 10.9

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Abundance Ion 149.00 (148.70 to 149.70): E
2000000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. 0.02 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

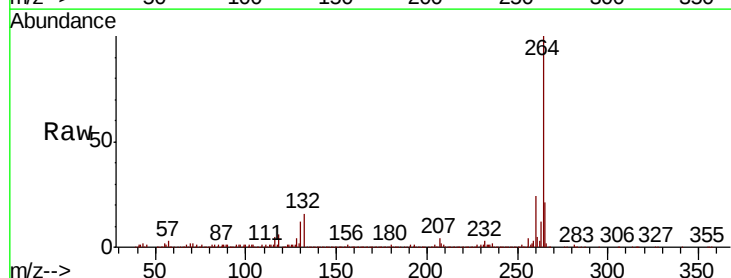
Tgt Ion:264 Resp: 417287

Ion Ratio Lower Upper

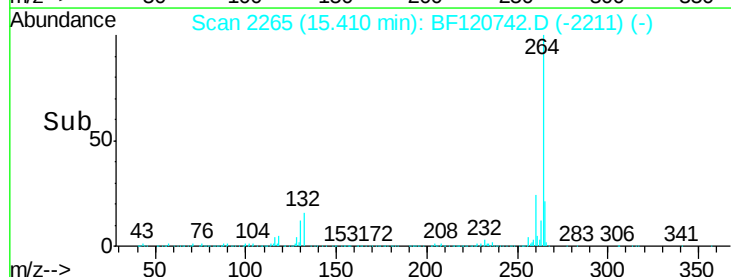
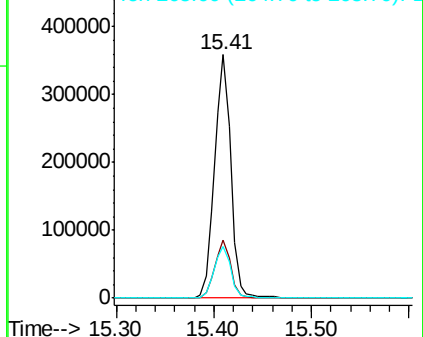
264 100

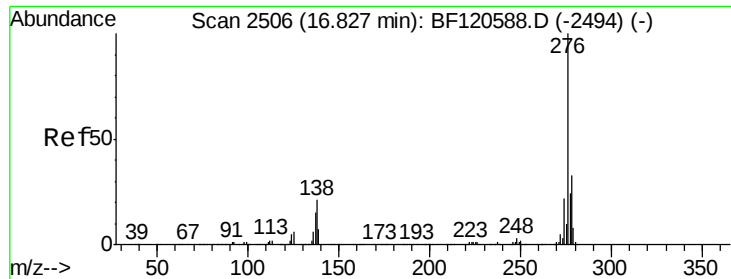
260 23.6 19.4 29.2

265 21.4 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
500000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





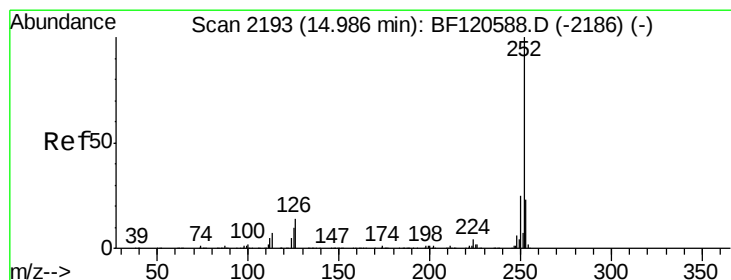
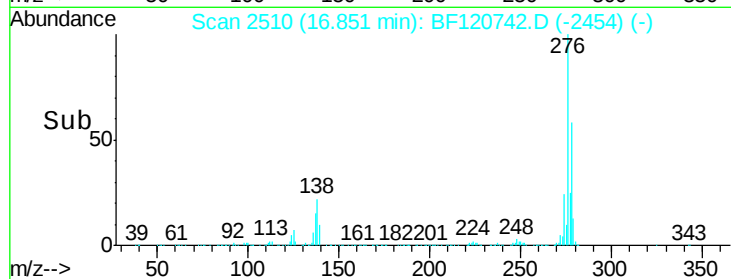
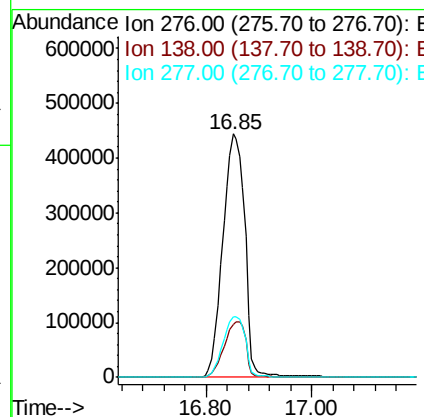
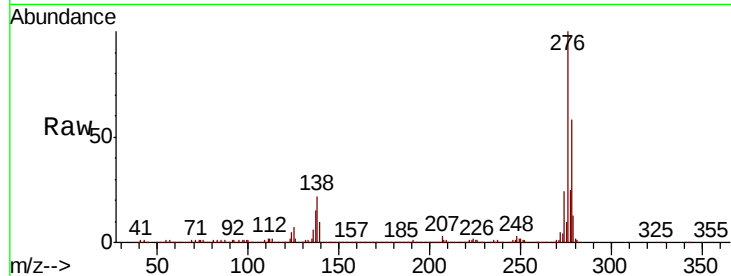
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.674 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.03 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.5	18.4	27.6
277	25.4	19.8	29.8

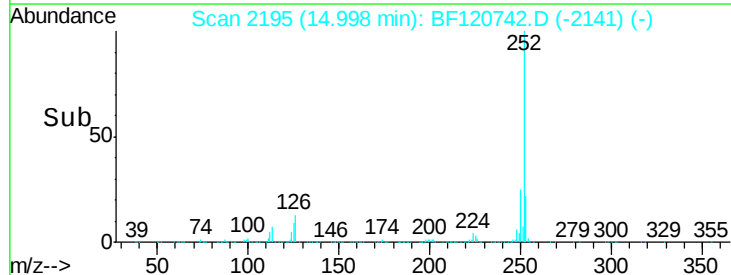
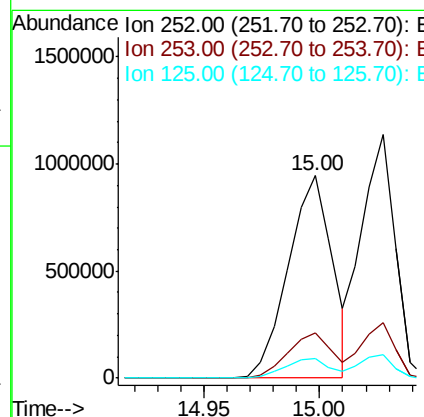
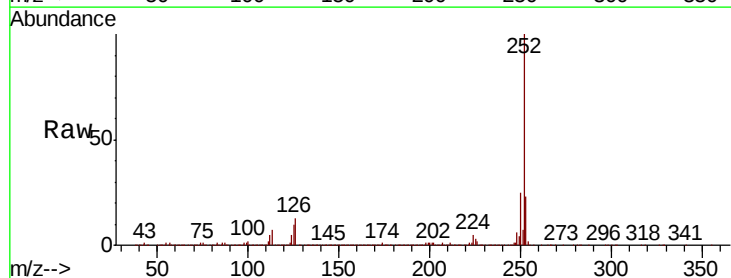
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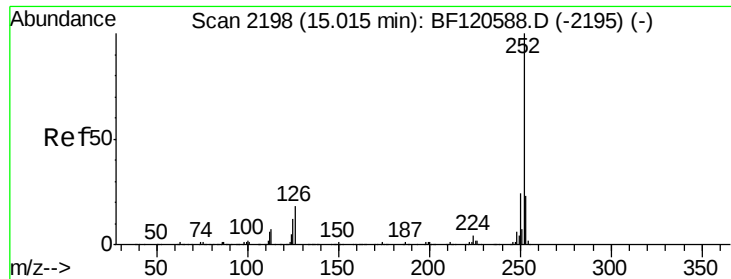
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 50.414 ng
 RT: 15.00 min Scan# 2195
 Delta R.T. 0.02 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	9.6	7.9	11.9





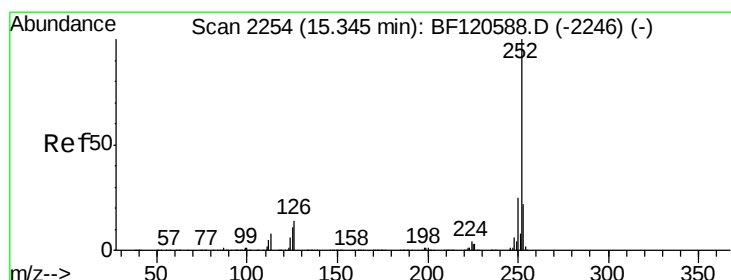
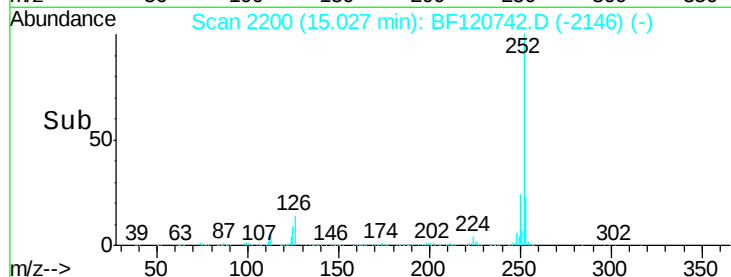
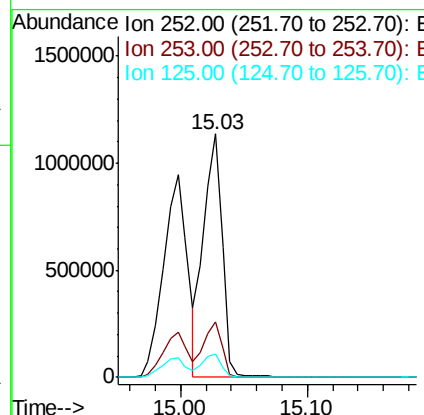
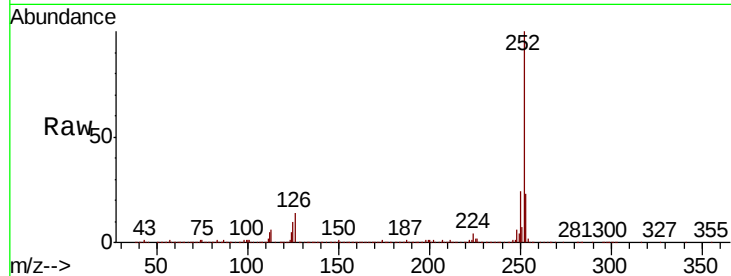
#89
Benzo(k)fluoranthene
Concen: 52.619 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.02 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	9.6	7.4	11.2

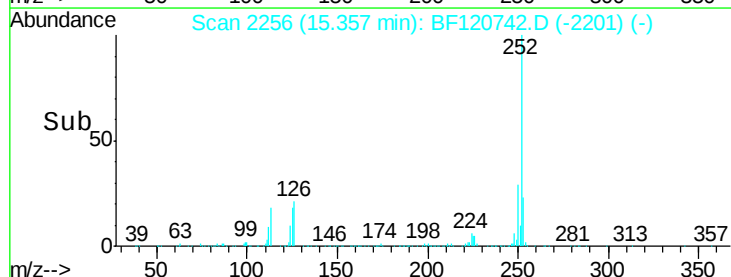
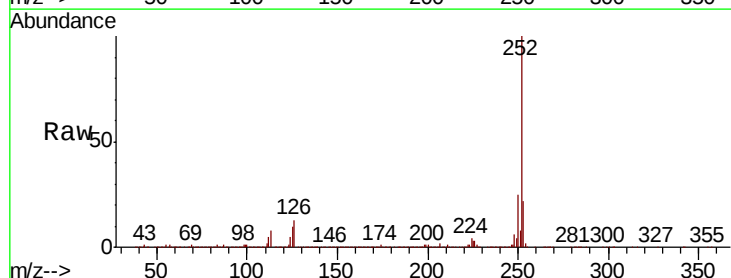
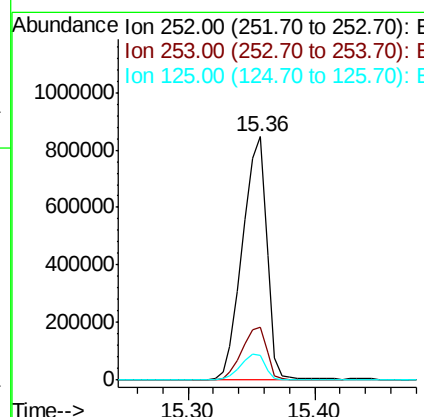
Manual Integrations
APPROVED

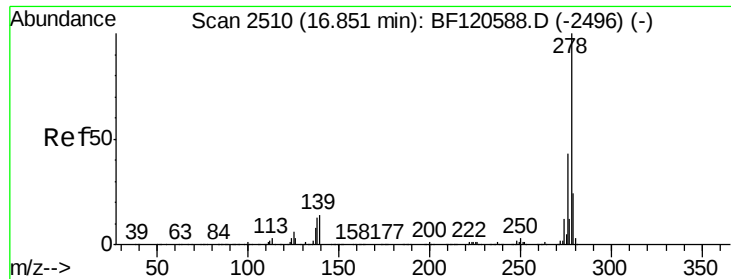
mohammad
6/30/2020 4:15:05 PM



#90
Benzo(a)pyrene
Concen: 50.565 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.02 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	10.2	9.0	13.6





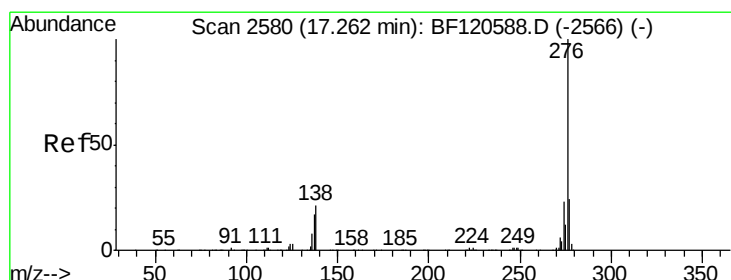
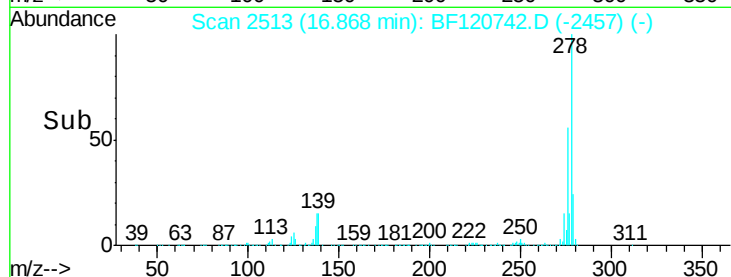
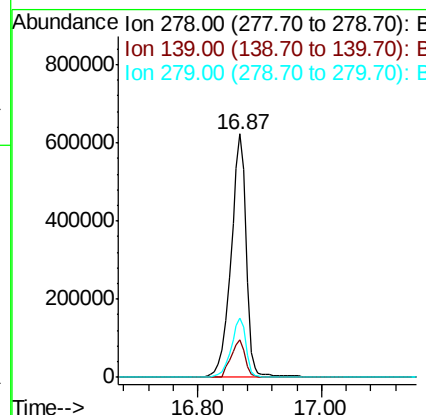
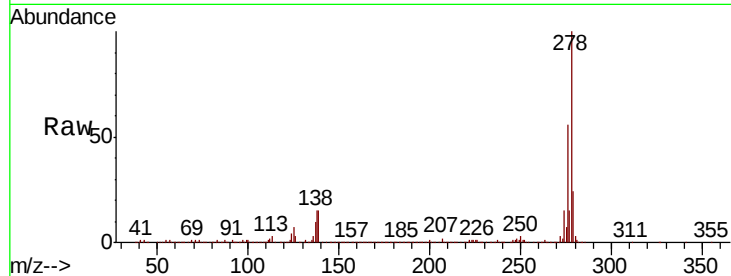
#91
Dibenzo(a,h)anthracene
Concen: 52.632 ng
RT: 16.87 min Scan# 2513
Delta R.T. 0.03 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.9	17.9
279	24.3	19.2	28.8

Manual Integrations
APPROVED

mohammad
6/30/2020 4:15:05 PM



#92
Benzo(g,h,i)perylene
Concen: 48.887 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.04 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.3	27.5
138	19.6	16.6	24.8

