

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092320\
 Data File : BF121672.D
 Acq On : 23 Sep 2020 17:41
 Operator : JU/CG
 Sample : L3863-08MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MS

Manual Integrations
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mohammad
 9/24/2020 10:46:35 AM

Quant Time: Sep 23 18:35:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	148130	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	582932	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	307968	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	599167	20.00	ng	0.00
76) Chrysene-d12	13.98	240	510039	20.00	ng	0.00
86) Perylene-d12	15.43	264	480582	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1058673	106.21	ng	0.02
7) Phenol-d6	6.46	99	1275839	97.57	ng	0.00
23) Nitrobenzene-d5	7.38	82	1037129	95.53	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	518599	135.49	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1803661	88.70	ng	0.00
79) Terphenyl-d14	12.93	244	2076065	82.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	168121	36.714	ng	# 84
3) Pyridine	3.44	79	370858	29.295	ng	98
4) n-Nitrosodimethylamine	3.37	42	241728	41.166	ng	99
6) Aniline	6.47	93	244974	14.384	ng	# 30
8) 2-Chlorophenol	6.60	128	470874	46.399	ng	99
9) Benzaldehyde	6.36	77	127426	14.906	ng	99
10) Phenol	6.47	94	491285	35.280	ng	85
11) bis(2-Chloroethyl)ether	6.55	93	496357	47.293	ng	98
12) 1,3-Dichlorobenzene	6.75	146	493969	43.609	ng	96
13) 1,4-Dichlorobenzene	6.83	146	502617	44.191	ng	97
14) 1,2-Dichlorobenzene	6.98	146	473145	45.158	ng	99
15) Benzyl Alcohol	6.96	79	428771	48.240	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	715507	42.366	ng	86
17) 2-Methylphenol	7.07	107	373585	43.265	ng	96
18) Hexachloroethane	7.32	117	183960	45.172	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	341948	45.372	ng	99
20) 3+4-Methylphenols	7.23	107	446373	43.025	ng	96
22) Acetophenone	7.22	105	643174	43.487	ng	# 96
24) Nitrobenzene	7.40	77	518151	44.126	ng	98
25) Isophorone	7.64	82	943950	43.191	ng	98
26) 2-Nitrophenol	7.71	139	251827	45.685	ng	95
27) 2,4-Dimethylphenol	7.75	122	414495	42.487	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	597882	44.189	ng	99
29) 2,4-Dichlorophenol	7.96	162	395849	44.550	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	408895	43.694	ng	99
31) Naphthalene	8.12	128	1329232	43.196	ng	99
32) Benzoic acid	7.90	122	267605	38.389	ng	96
33) 4-Chloroaniline	8.16	127	169255	12.689	ng	97
34) Hexachlorobutadiene	8.23	225	247756	45.105	ng	99
35) Caprolactam	8.55	113	105003m	35.486	ng	
36) 4-Chloro-3-methylphenol	8.66	107	436958	45.650	ng	100
37) 2-Methylnaphthalene	8.81	142	889470	44.107	ng	100
38) 1-Methylnaphthalene	8.90	142	827409	44.086	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	421745	43.841	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	417142	75.931	nq	100
43) 2,4,6-Trichlorophenol	9.09	196	295148	45.012	nq	98
44) 2,4,5-Trichlorophenol	9.14	196	316606	45.674	nq	96
46) 1,1'-Biphenyl	9.27	154	1075543	43.624	nq	100
47) 2-Chloronaphthalene	9.30	162	848794	43.688	nq	99
48) 2-Nitroaniline	9.40	65	289828	48.005	nq	95
49) Acenaphthylene	9.72	152	1294835	43.376	nq	99
50) Dimethylphthalate	9.58	163	1036273	46.426	nq	100
51) 2,6-Dinitrotoluene	9.64	165	233101	49.036	nq	98
52) Acenaphthene	9.89	154	782596	41.507	nq	99
53) 3-Nitroaniline	9.81	138	135674	24.638	nq	99
54) 2,4-Dinitrophenol	9.92	184	262427	93.937	nq	97
55) Dibenzofuran	10.06	168	1157672	43.600	nq	100
56) 4-Nitrophenol	9.99	139	343370	78.187	nq	93
57) 2,4-Dinitrotoluene	10.05	165	308762	51.629	nq	93
58) Fluorene	10.40	166	910907	44.861	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	264496	46.935	nq	99
60) Diethylphthalate	10.28	149	1028326	47.252	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	448228	46.081	nq	97
62) 4-Nitroaniline	10.43	138	231893	42.411	nq	95
63) Azobenzene	10.55	77	1020760	44.045	nq	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	177739	48.293	nq	88
66) n-Nitrosodiphenylamine	10.52	169	876621	42.645	nq	100
67) 4-Bromophenyl-phenylether	10.88	248	304595	44.650	nq	96
68) Hexachlorobenzene	10.95	284	346668	45.030	nq	96
69) Atrazine	11.04	200	222470	43.562	nq	98
70) Pentachlorophenol	11.15	266	376995	89.167	nq	97
71) Phenanthrene	11.36	178	1394328	42.712	nq	99
72) Anthracene	11.42	178	1434790	42.590	nq	99
73) Carbazole	11.57	167	1315785	43.282	nq	100
74) Di-n-butylphthalate	11.90	149	1595389	45.469	nq	99
75) Fluoranthene	12.55	202	1560503	44.780	nq	99
77) Benzidine	12.67	184	139818	8.269	nq	100
78) Pyrene	12.78	202	1583991	42.506	nq	100
80) Butylbenzylphthalate	13.40	149	690011	45.783	nq	96
81) Benzo(a)anthracene	13.97	228	1412331	43.769	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	364784	28.957	nq	99
83) Chrysene	14.01	228	1394339	42.673	nq	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	922260	45.806	nq	99
85) Di-n-octyl phthalate	14.57	149	1626709	45.781	nq	100
87) Indeno(1,2,3-cd)pyrene	16.87	276	1360869	43.482	nq	100
88) Benzo(b)fluoranthene	15.01	252	1563018	48.651	nq	99
89) Benzo(k)fluoranthene	15.04	252	1263527	42.947	nq	99
90) Benzo(a)pyrene	15.37	252	1253961	45.917	nq	99
91) Dibenzo(a,h)anthracene	16.89	278	1113002	42.721	nq	99
92) Benzo(g,h,i)perylene	17.32	276	1097837	42.869	nq	98

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



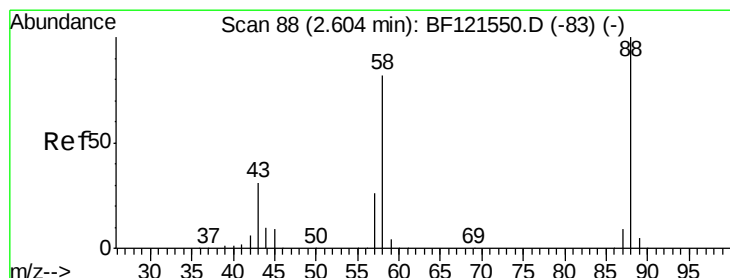
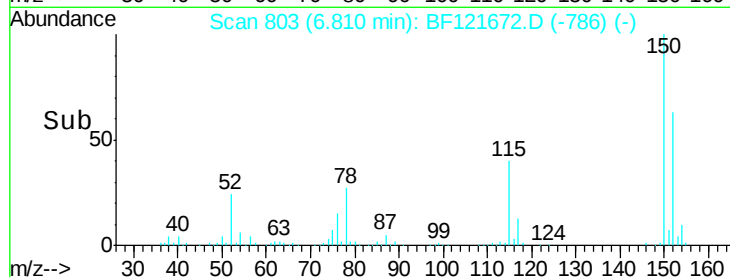
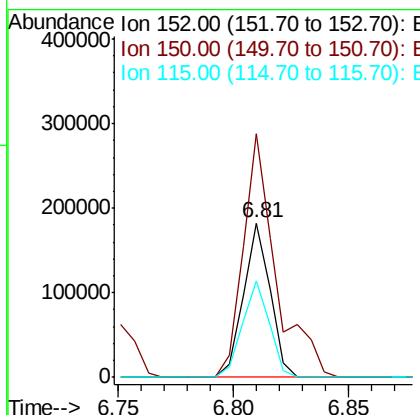
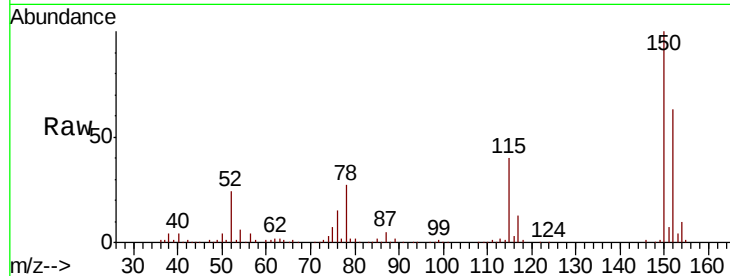
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF121672.D
 Acq: 23 Sep 2020 17:41

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	128.1	192.1
115	62.5	52.6	79.0

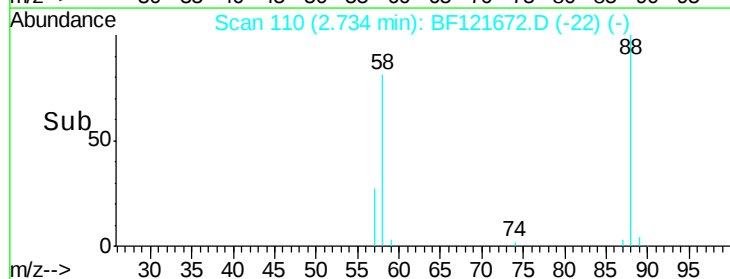
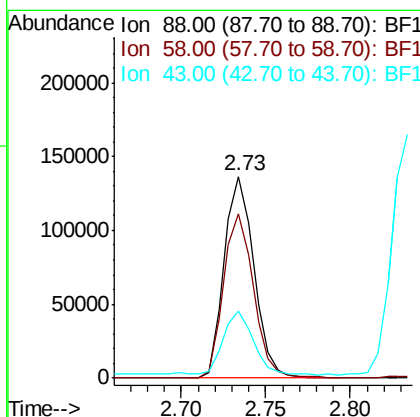
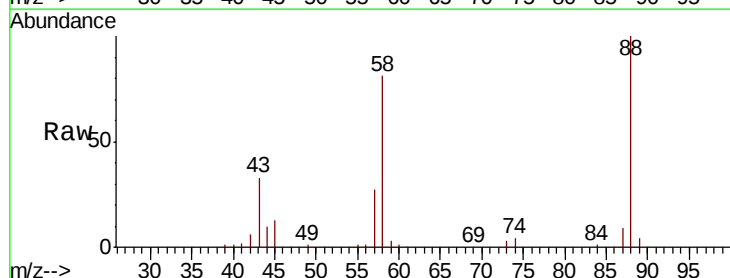
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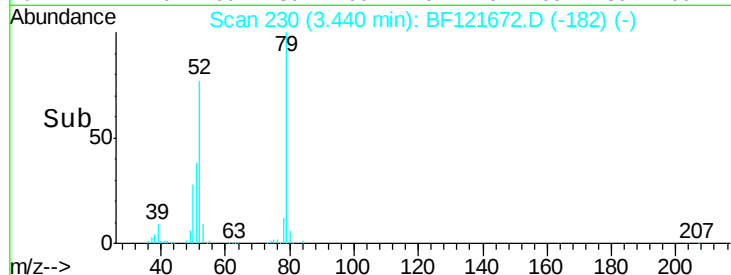
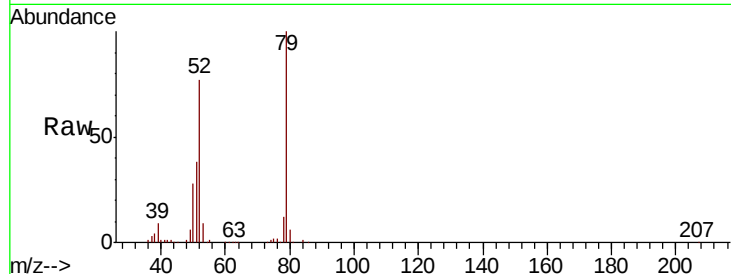
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#2
 1,4-Dioxane
 Concen: 36.714 ng
 RT: 2.73 min Scan# 110
 Delta R.T. 0.22 min
 Lab File: BF121672.D
 Acq: 23 Sep 2020 17:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.2	65.4	98.0
43	0.0	24.9	37.3#





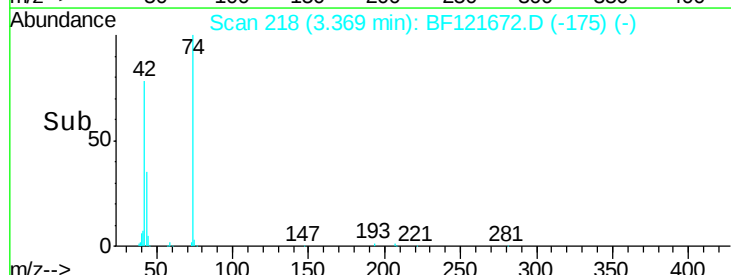
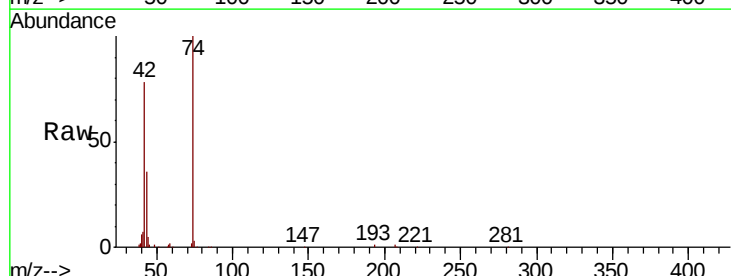
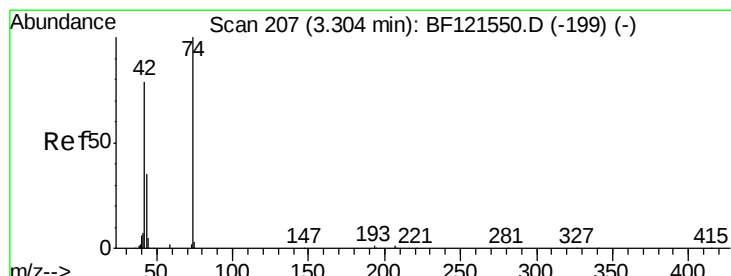
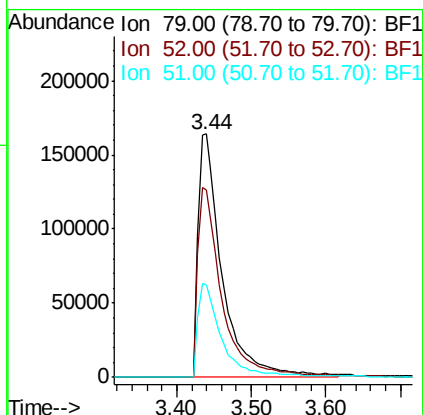
#3
Pvridine
Concen: 29.295 ng
RT: 3.44 min Scan# 230
Delta R.T. 0.18 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Tot Ion	Ratio	Resp	Lower	Upper
79	100	370858		
52	77.1	63.4	95.0	
51	37.8	30.7	46.1	

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MS

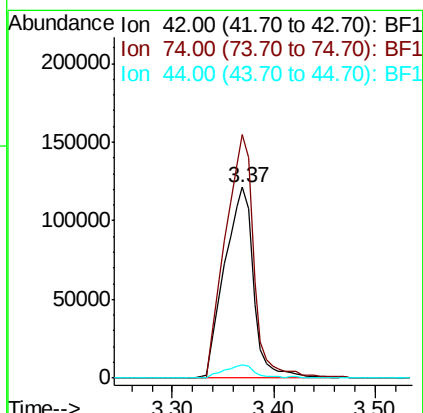
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#4
n-Nitrosodimethylamine
Concen: 41.166 ng
RT: 3.37 min Scan# 218
Delta R.T. 0.15 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	241728		
74	127.8	102.6	154.0	
44	7.0	6.0	9.0	





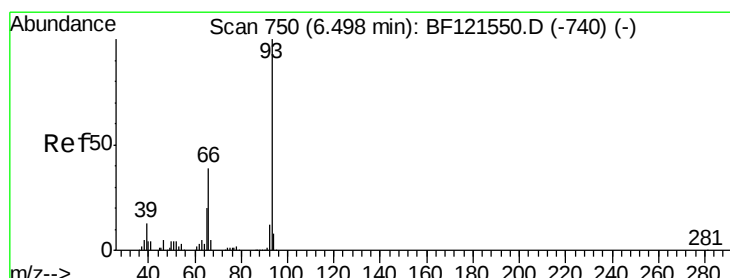
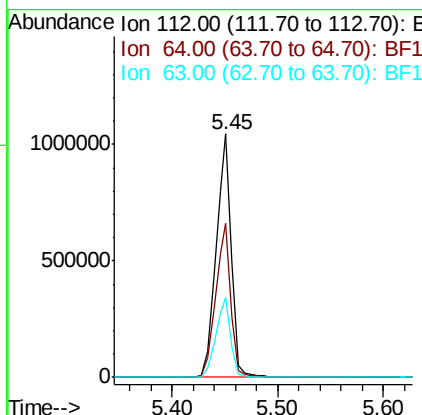
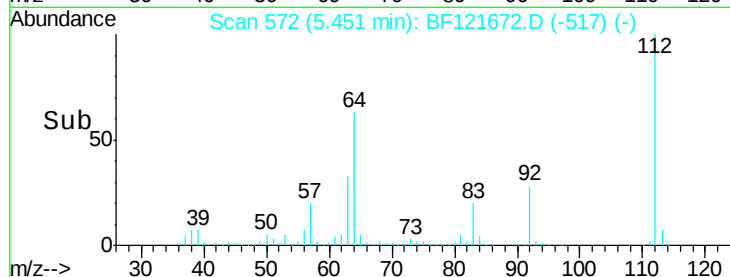
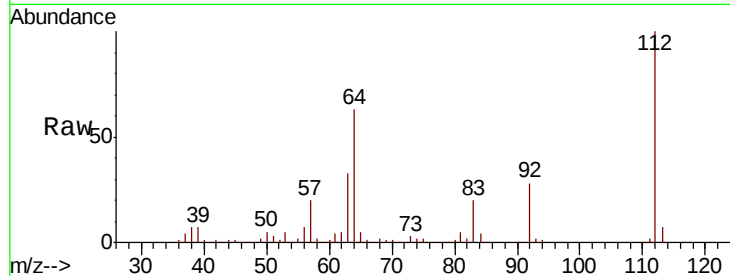
#5
2-Fluorophenol
Concen: 106.212 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.02 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MS

Tot Ion	Ratio	Lower	Upper
112	100		
64	63.3	52.2	78.2
63	32.9	26.6	39.8

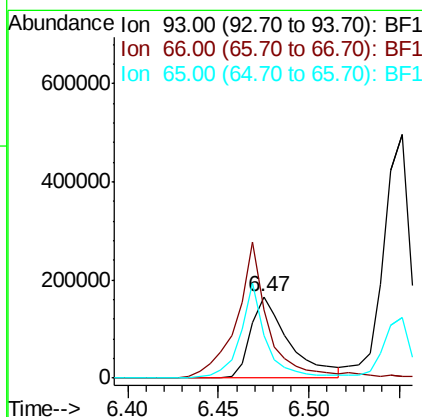
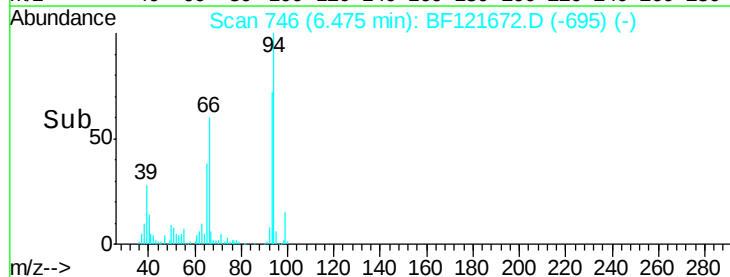
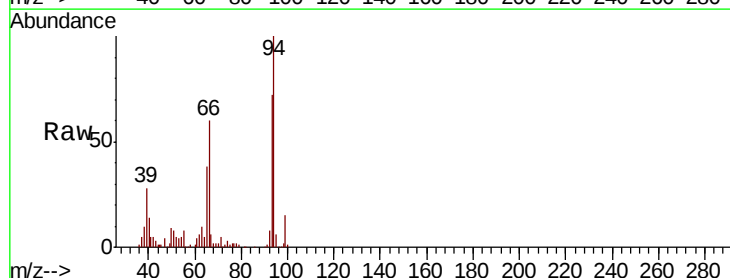
Manual Integrations
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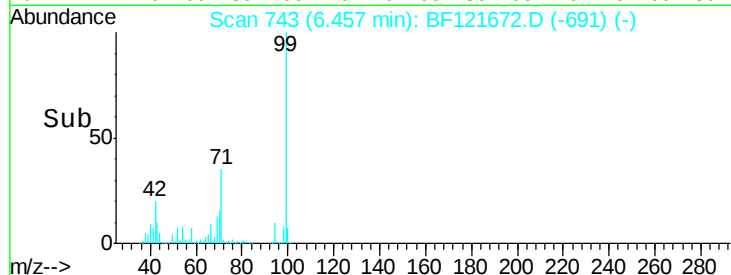
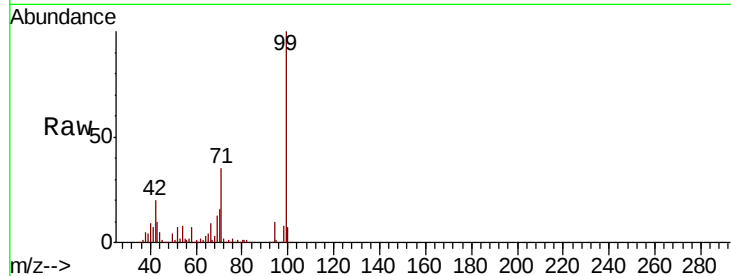
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#6
Aniline
Concen: 14.384 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Tgt Ion	Ratio	Lower	Upper
93	100		
66	82.8	31.9	47.9#
65	52.2	16.1	24.1#





#7

Phenol-d6

Concen: 97.565 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF121672.D

Acq: 23 Sep 2020 17:41

Tot Ion: 99 Resp: 1275839

Ion Ratio Lower Upper

99 100

42 20.3 15.5 23.3

71 35.4 27.4 41.2

Instrument :

BNA_F

ClientSampleId :

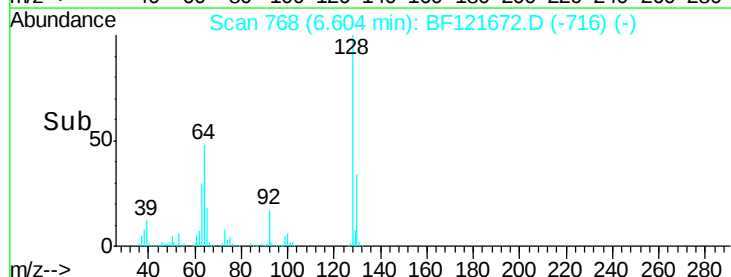
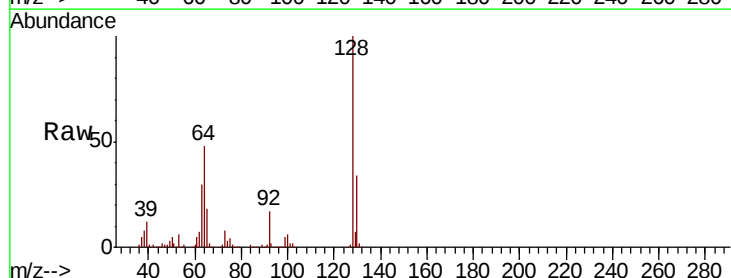
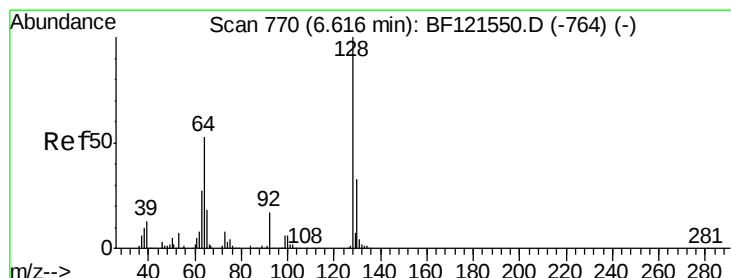
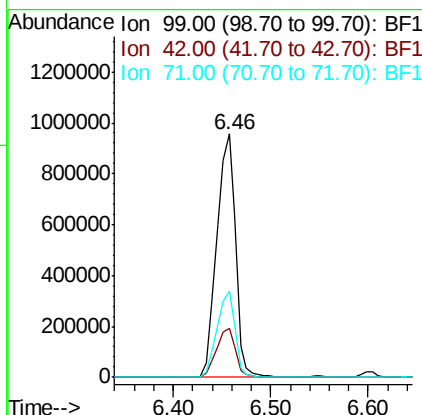
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#8

2-Chlorophenol

Concen: 46.399 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF121672.D

Acq: 23 Sep 2020 17:41

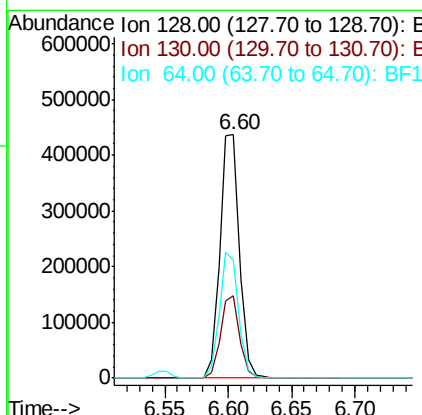
Tgt Ion: 128 Resp: 470874

Ion Ratio Lower Upper

128 100

130 33.8 13.5 53.5

64 48.3 29.3 69.3





#9

Benzaldehyde

Concen: 14.906 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF121672.D

Acq: 23 Sep 2020 17:41

Instrument :

BNA_F

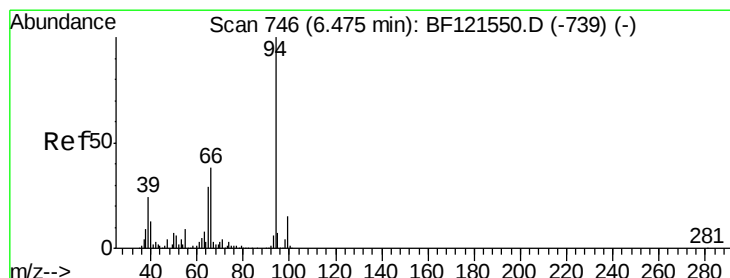
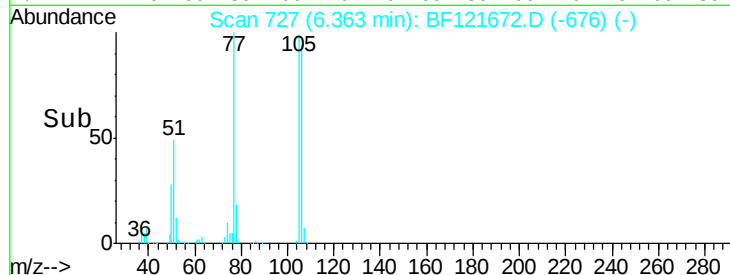
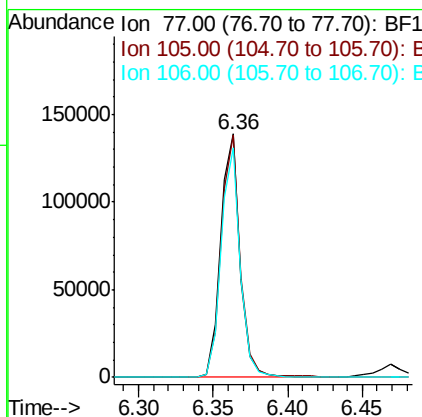
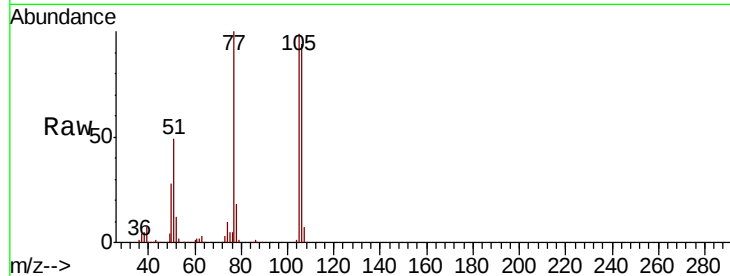
ClientSampleId :

HD-01-092220MS

Tot Ion:	77	Resp:	127426
Ion	Ratio	Lower	Upper
77	100		
105	99.4	79.2	119.2
106	94.3	72.9	112.9

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#10

Phenol

Concen: 35.280 ng

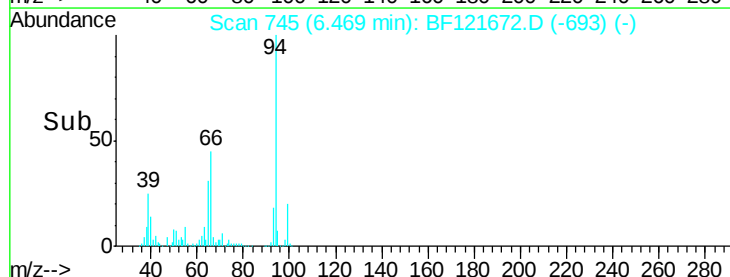
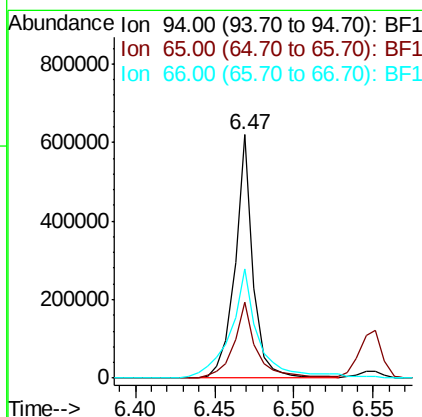
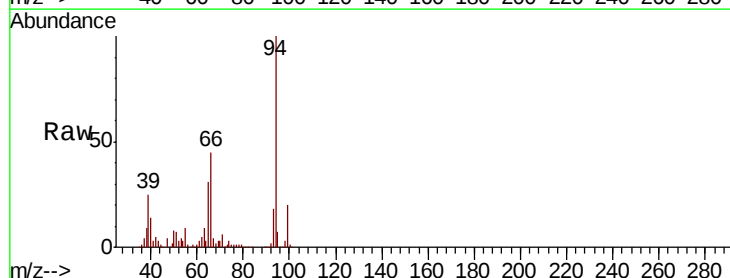
RT: 6.47 min Scan# 745

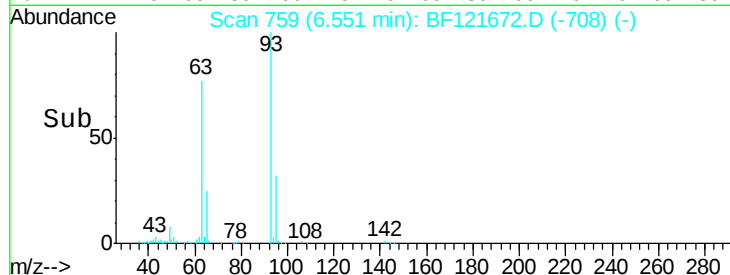
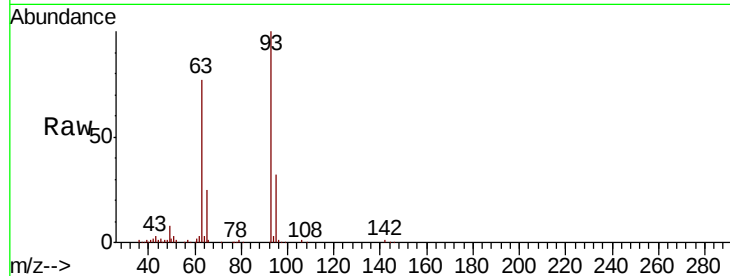
Delta R.T. 0.01 min

Lab File: BF121672.D

Acq: 23 Sep 2020 17:41

Tgt Ion:	94	Resp:	491285
Ion	Ratio	Lower	Upper
94	100		
65	31.2	17.8	57.8
66	44.8	37.8	77.8





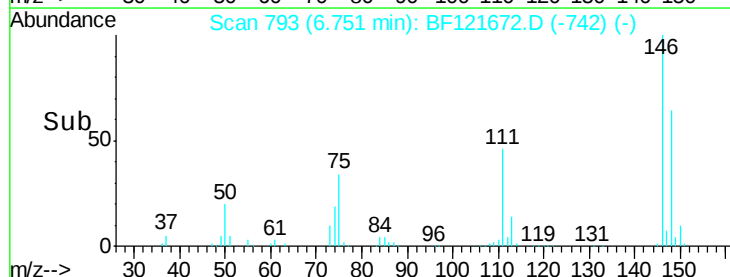
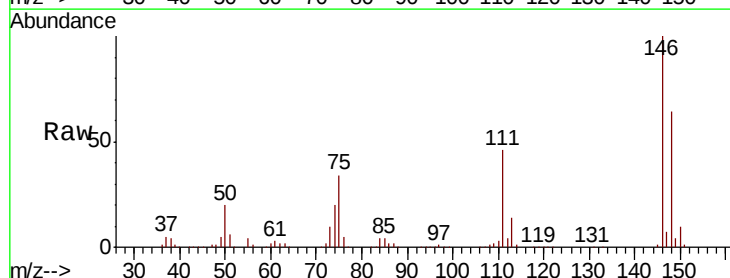
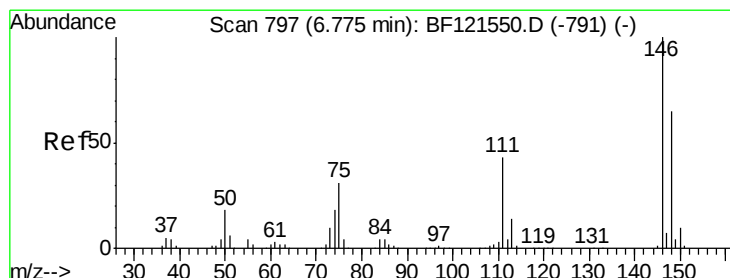
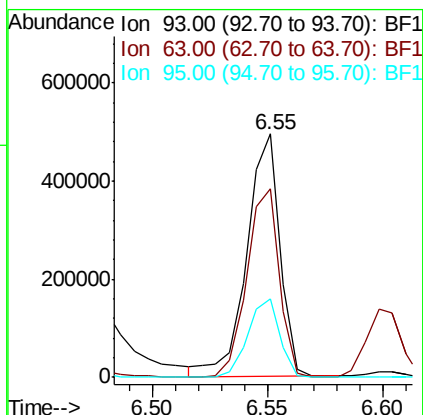
#11
bis(2-Chloroethyl)ether
Concen: 47.293 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Tot Ion	93	Resp	496357
Ion Ratio	Lower	Upper	
93	100		
63	77.4	60.3	100.3
95	32.4	12.6	52.6

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MS

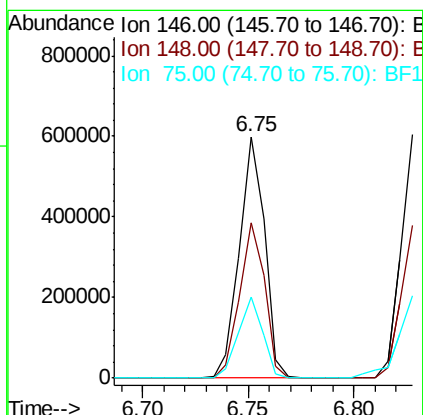
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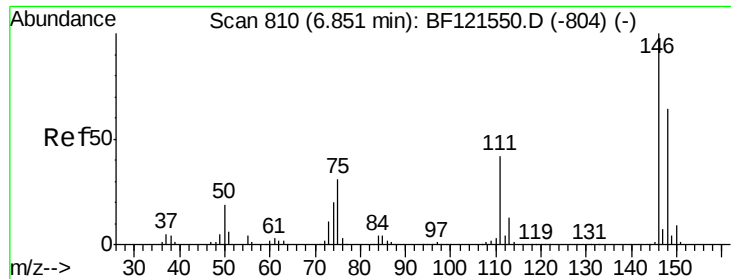
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.609 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Tgt Ion	146	Resp	493969
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.6	75.8
75	33.7	23.5	35.3





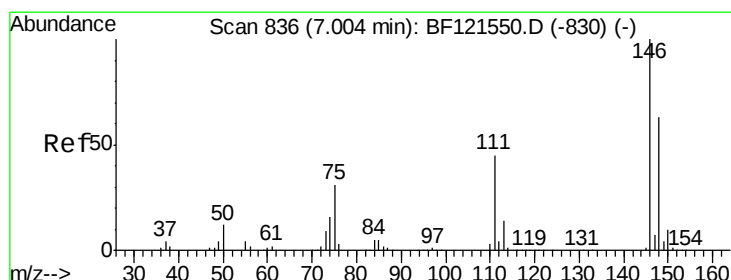
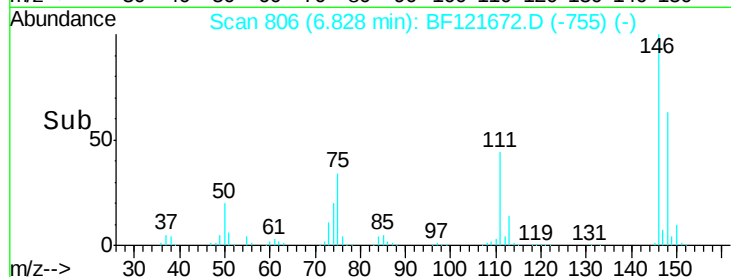
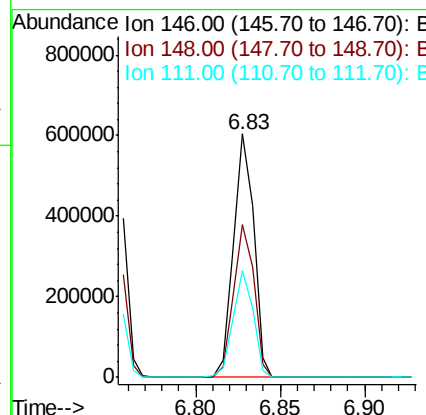
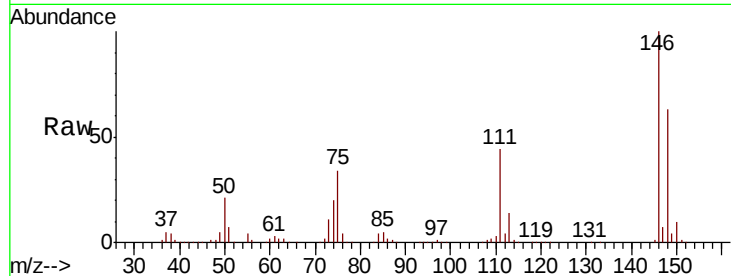
#13
1,4-Dichlorobenzene
Concen: 44.191 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.9	77.9
111	43.9	32.7	49.1

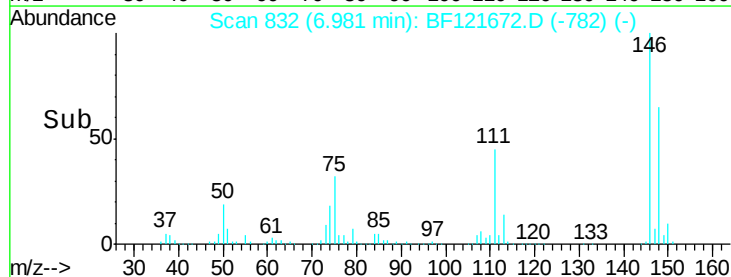
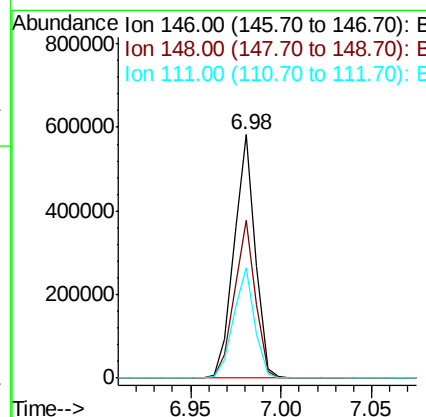
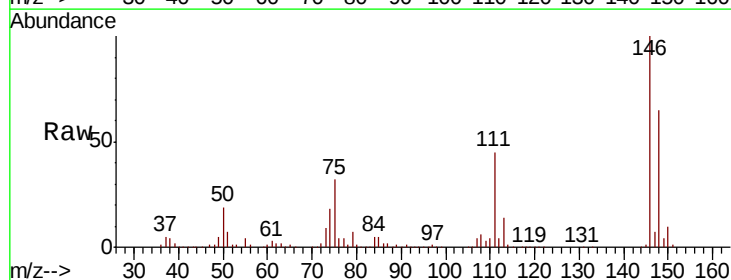
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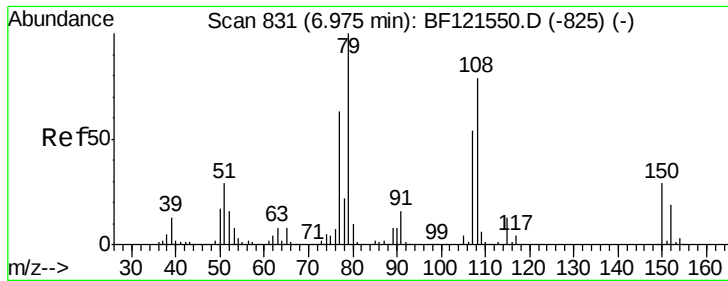
mohammad
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#14
1,2-Dichlorobenzene
Concen: 45.158 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.3	76.9
111	45.3	35.5	53.3





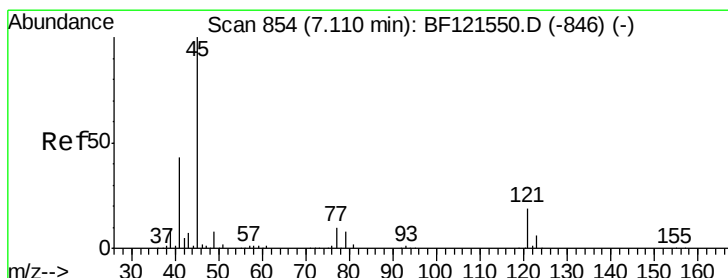
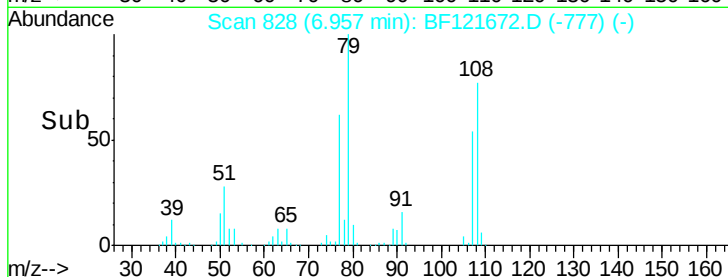
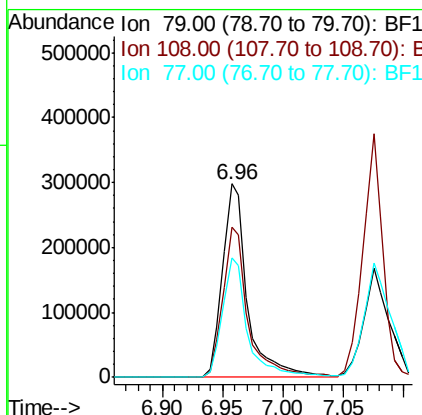
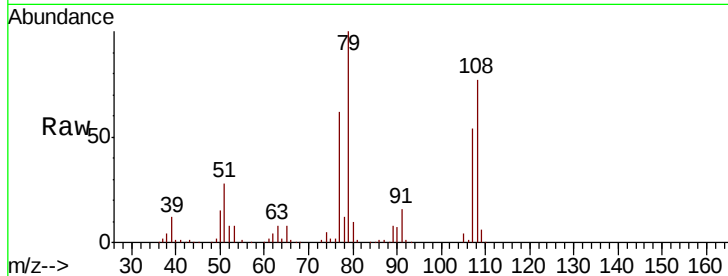
#15
Benzyl Alcohol
Concen: 48.240 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Instrument :
BNA_F
ClientSampleID :
HD-01-092220MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.4	60.2	90.2
77	61.9	50.6	76.0

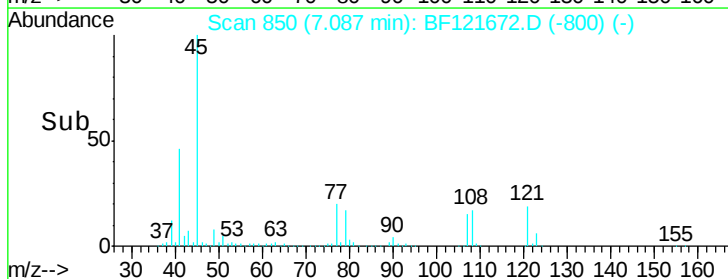
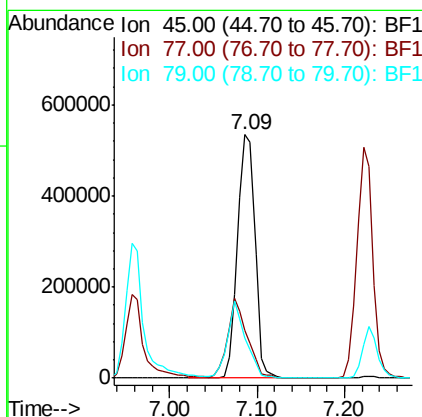
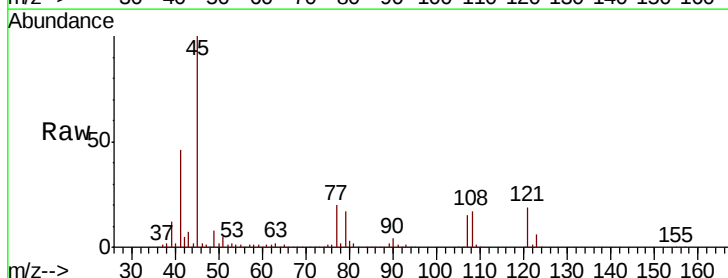
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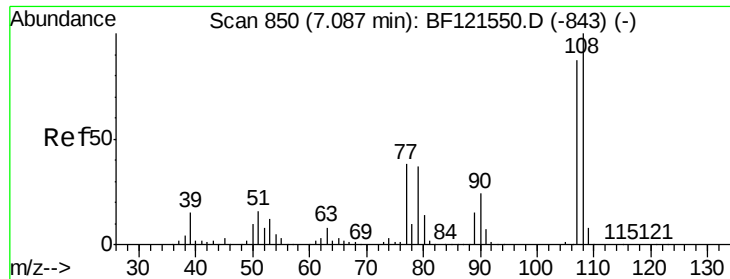
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.366 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.7	0.0	33.8
79	16.6	0.0	31.2





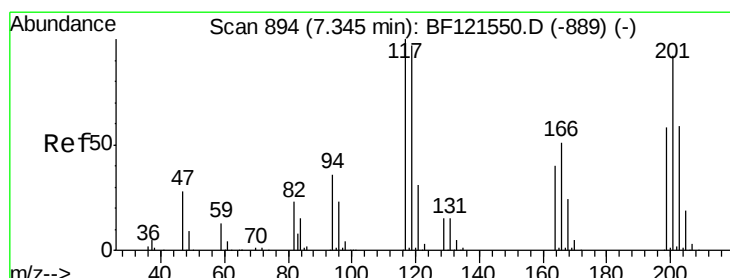
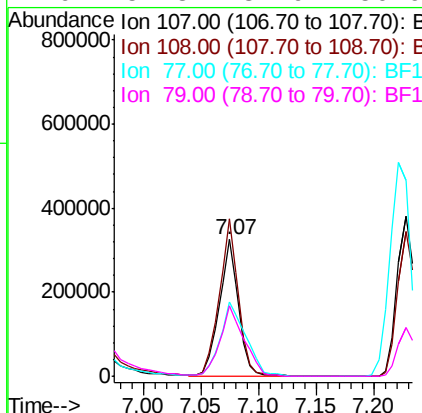
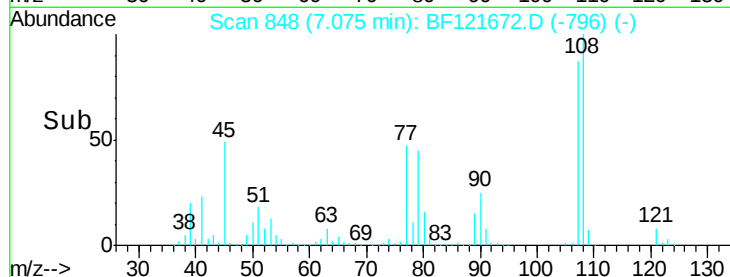
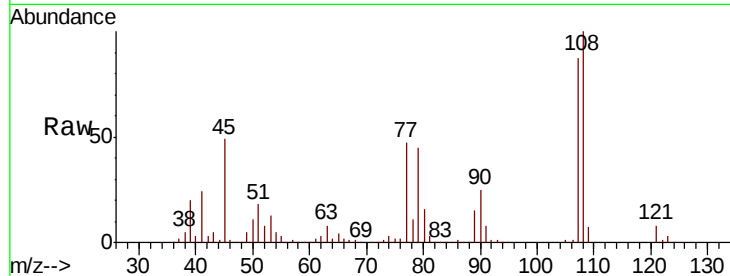
#17
2-Methylphenol
Concen: 43.265 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.0	90.6	135.8	
77	54.0	38.7	58.1	
79	51.8	37.9	56.9	

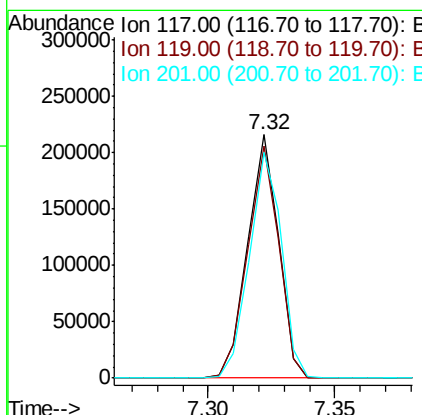
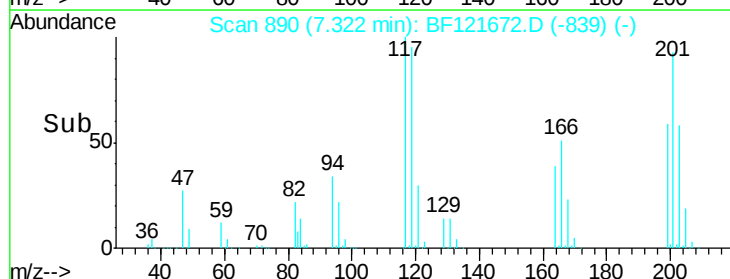
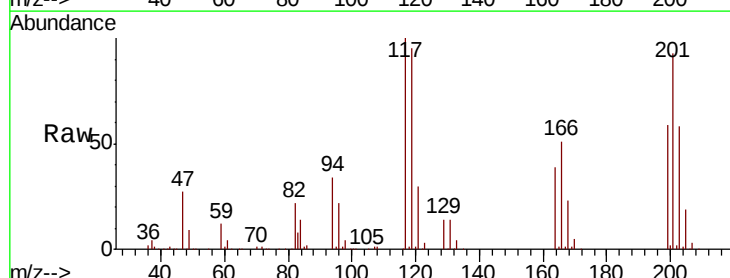
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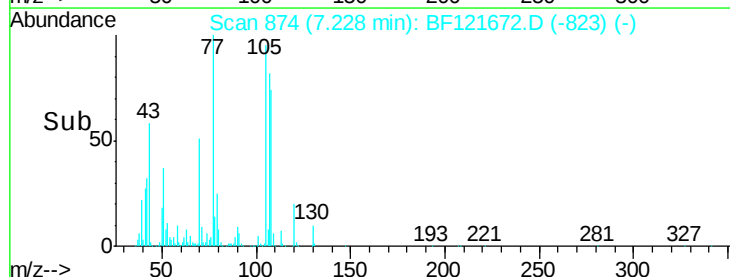
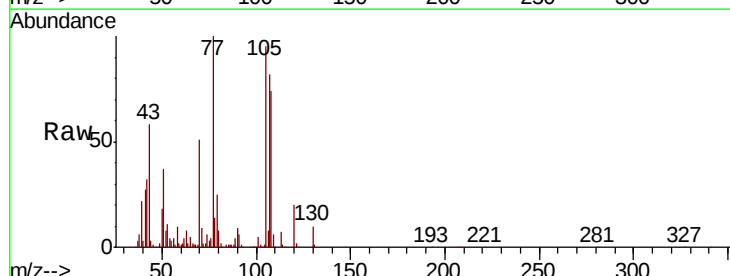
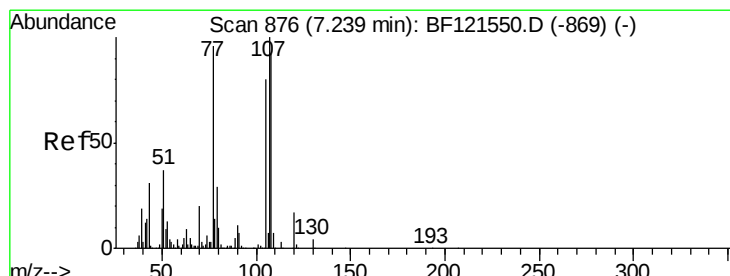
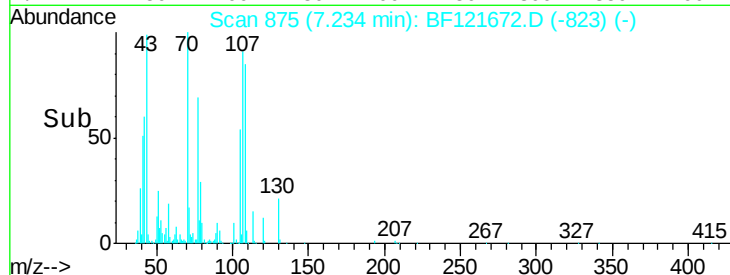
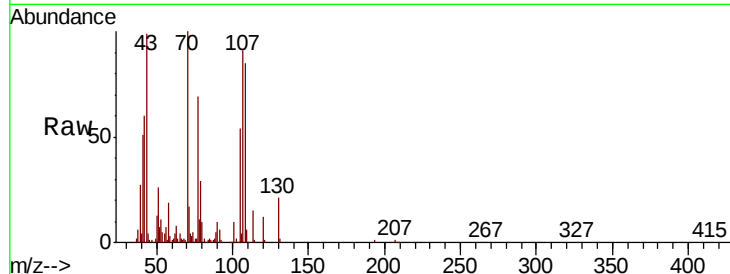
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#18
Hexachloroethane
Concen: 45.172 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	75.7	113.5	
201	92.9	77.5	116.3	





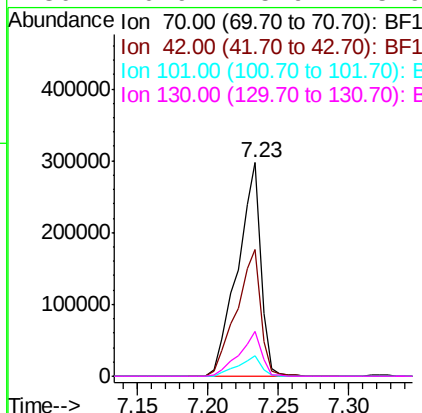
#19
n-Nitroso-di-n-propylamine
Concen: 45.372 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.6	48.3	72.5
101	9.6	7.6	11.4
130	20.9	15.9	23.9

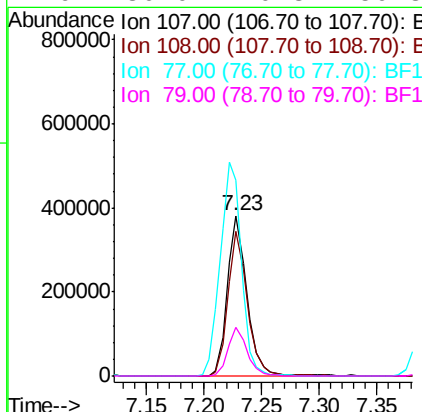
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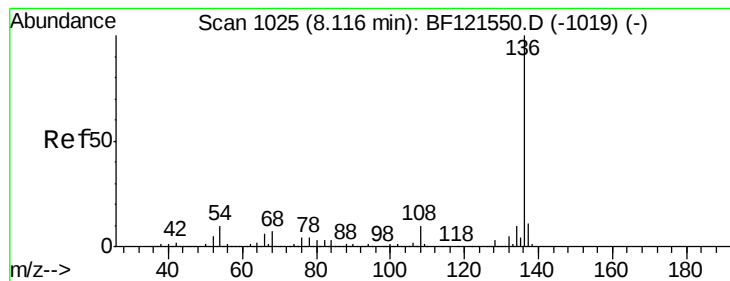
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#20
3+4-Methylphenols
Concen: 43.025 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	67.0	107.0
77	122.0	107.7	147.7
79	30.0	10.3	50.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121672.D

Acq: 23 Sep 2020 17:41

Instrument :

BNA_F

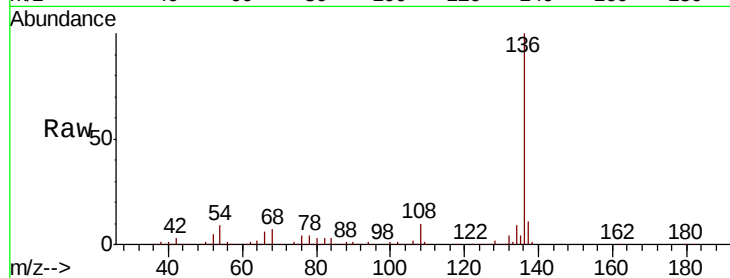
ClientSampleId :

HD-01-092220MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	582932		
137	11.4	8.9	13.3	
54	9.2	7.4	11.0	
68	6.7	5.3	7.9	

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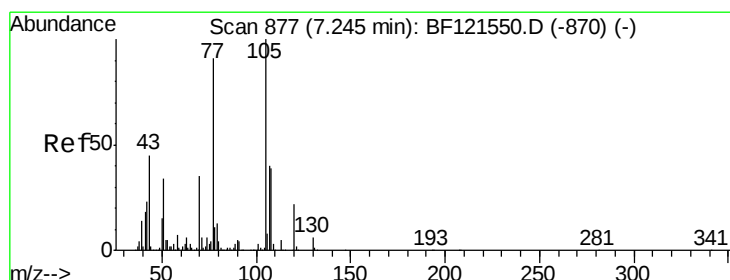
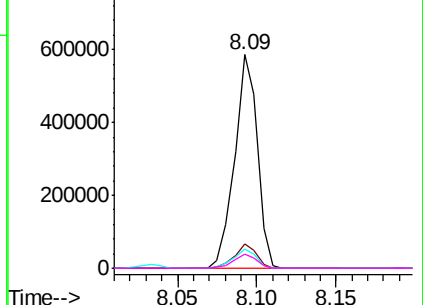
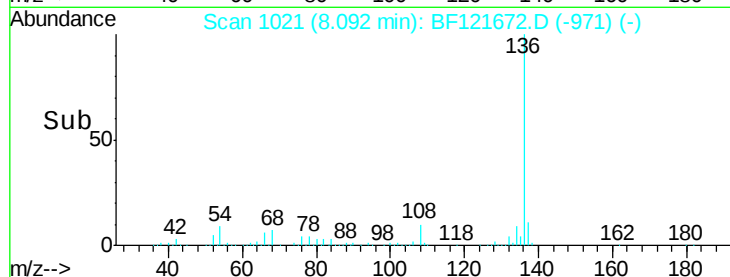


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.487 ng

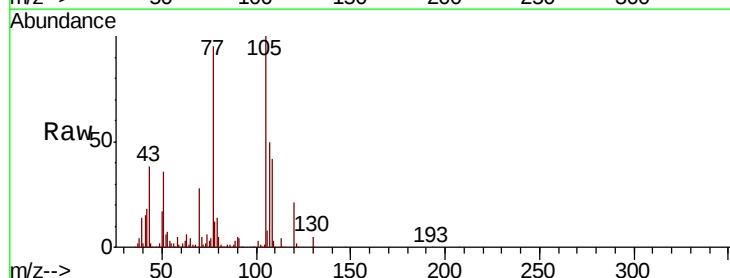
RT: 7.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF121672.D

Acq: 23 Sep 2020 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	643174		
71	4.7	5.5	8.3#	
51	36.2	31.7	47.5	
120	21.3	17.4	26.2	

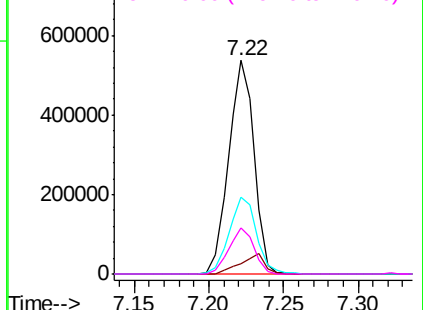
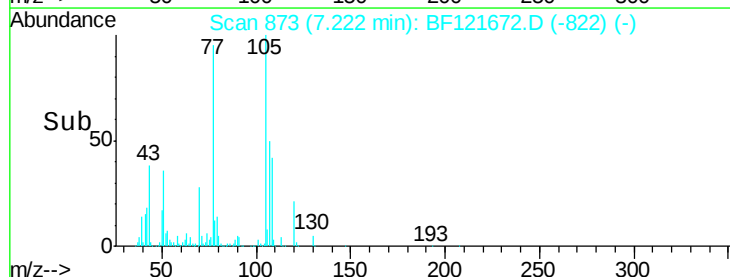


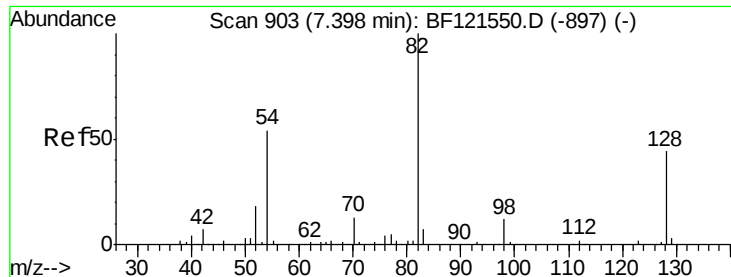
Abundance Ion 105.00 (104.70 to 105.70): E

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





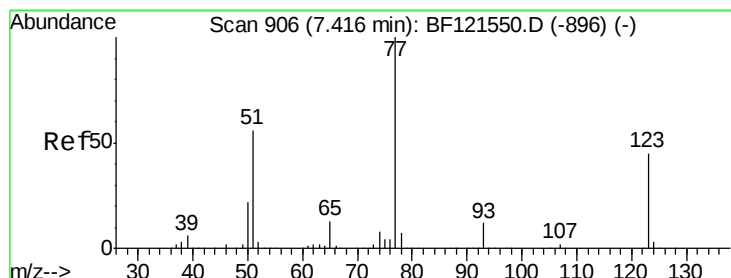
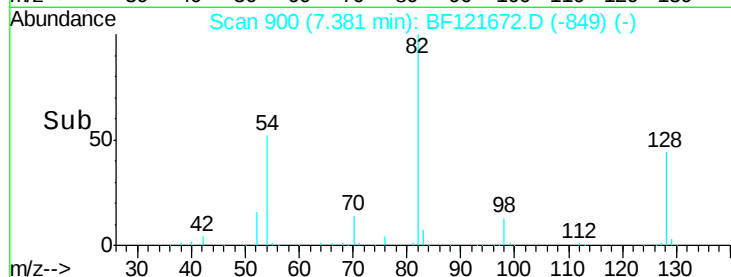
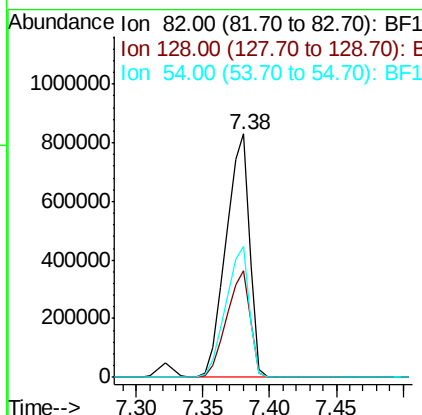
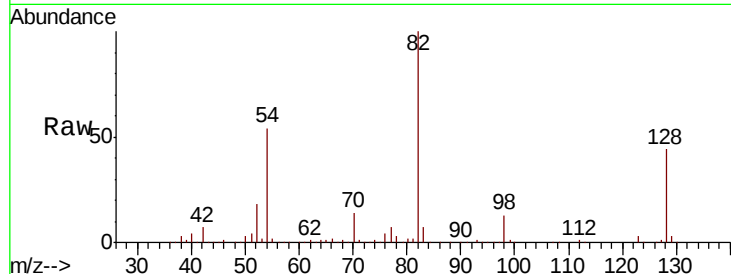
#23
 Nitrobenzene-d5
 Concen: 95.526 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF121672.D
 Acq: 23 Sep 2020 17:41

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.9	50.9
54	53.7	42.9	64.3

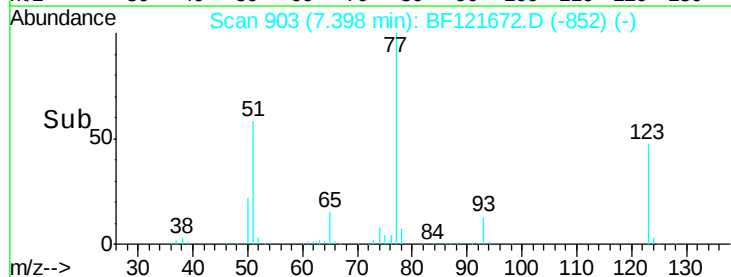
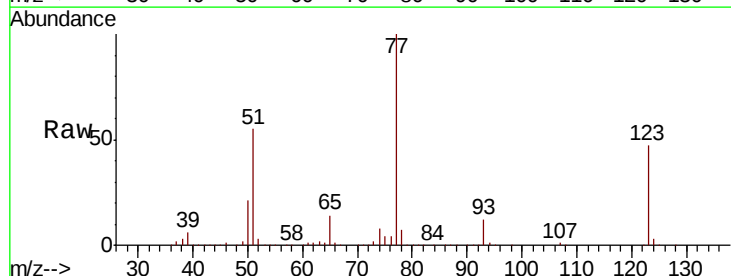
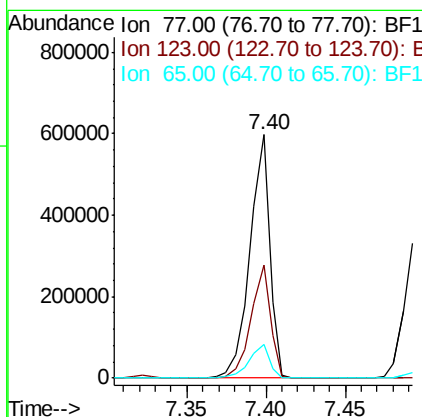
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#24
 Nitrobenzene
 Concen: 44.126 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF121672.D
 Acq: 23 Sep 2020 17:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	35.8	53.8
65	13.8	11.2	16.8





#25

Isophorone

Concen: 43.191 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF121672.D

Acq: 23 Sep 2020 17:41

Instrument :

BNA_F

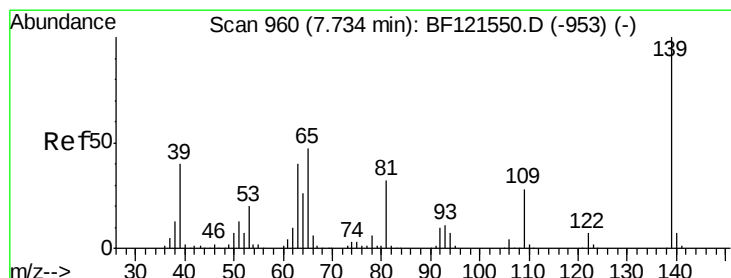
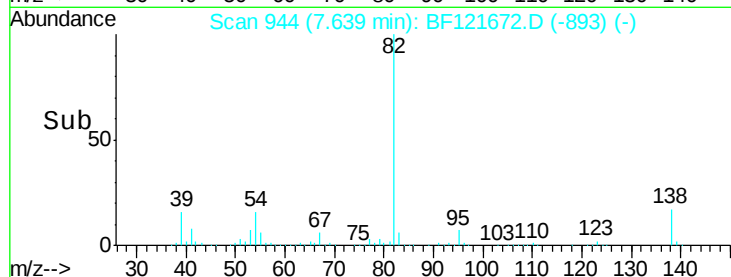
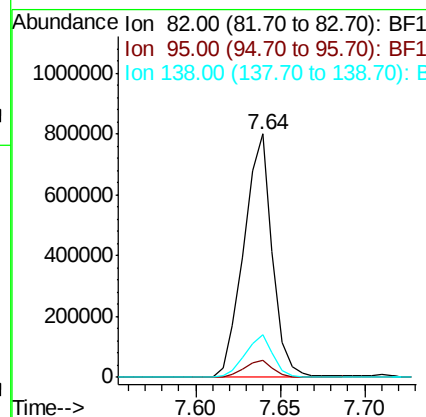
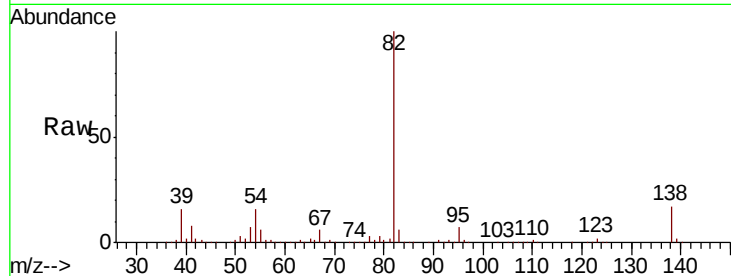
ClientSampleId :

HD-01-092220MS

Tot Ion:	82	Resp:	943950
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.8	8.6
138	17.4	13.2	19.8

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#26

2-Nitrophenol

Concen: 45.685 ng

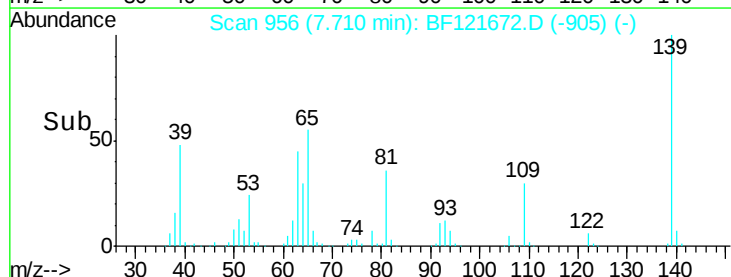
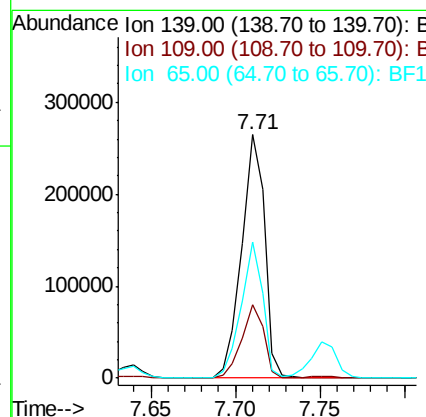
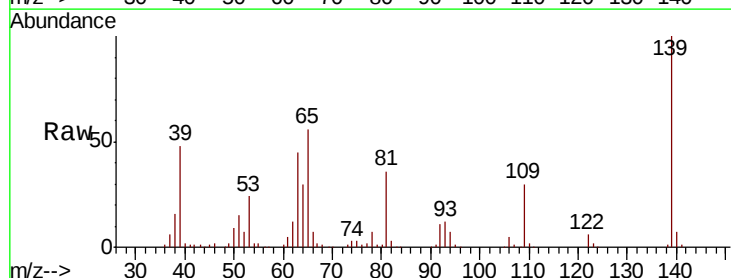
RT: 7.71 min Scan# 956

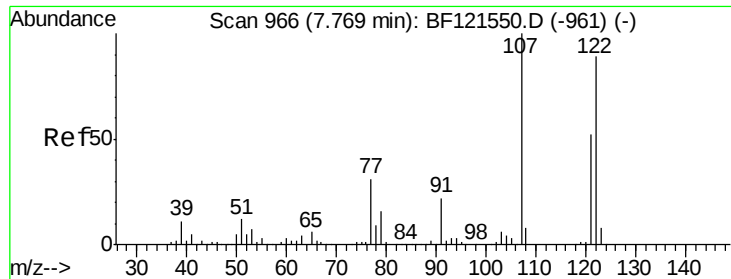
Delta R.T. 0.00 min

Lab File: BF121672.D

Acq: 23 Sep 2020 17:41

Tgt Ion:	139	Resp:	251827
Ion Ratio	Lower	Upper	
139	100		
109	30.3	23.4	35.2
65	55.7	41.0	61.4





#27

2,4-Dimethylphenol

Concen: 42.487 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF121672.D

Acq: 23 Sep 2020 17:41

Instrument :

BNA_F

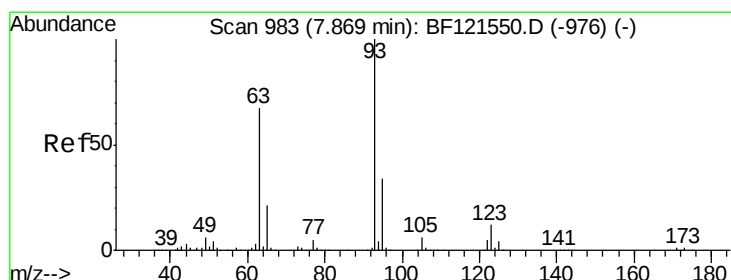
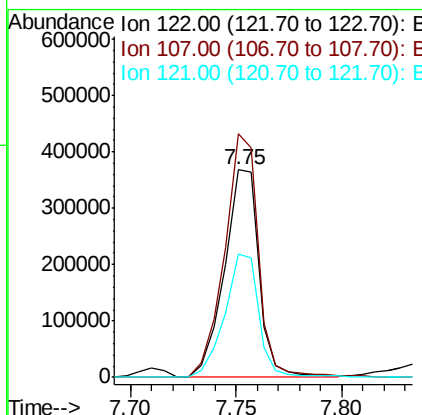
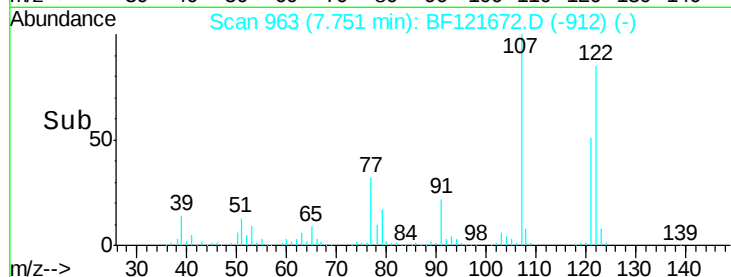
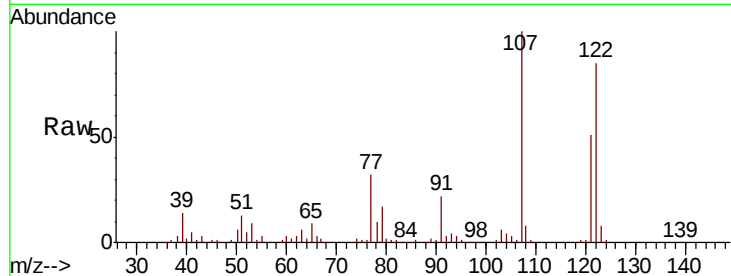
ClientSampleId :

HD-01-092220MS

Tot Ion:	122	Resp:	414495
Ion Ratio	Lower	Upper	
122	100		
107	117.3	91.4	137.0
121	59.5	46.2	69.2

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#28

bis(2-Chloroethoxy)methane

Concen: 44.189 ng

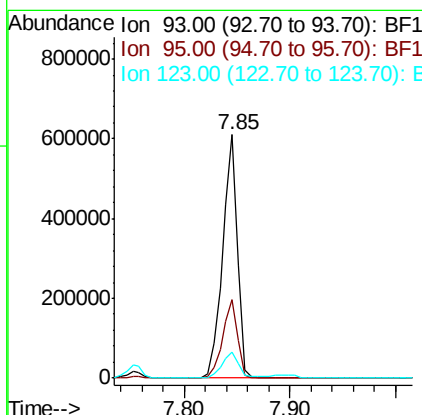
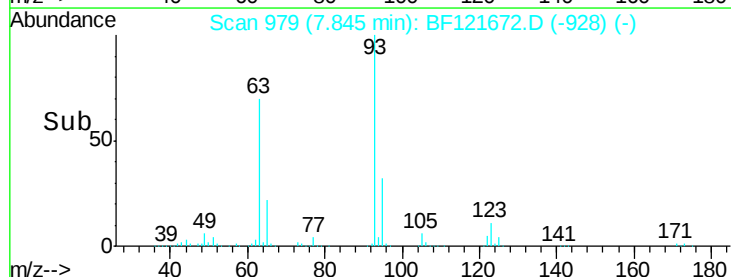
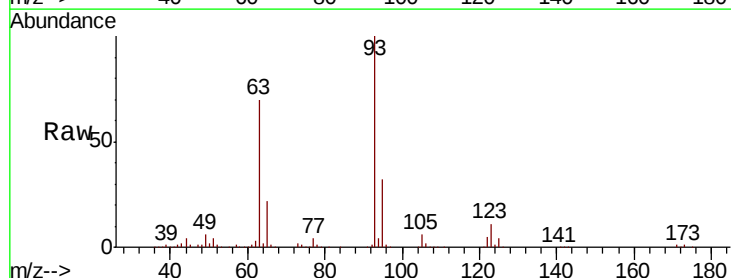
RT: 7.85 min Scan# 979

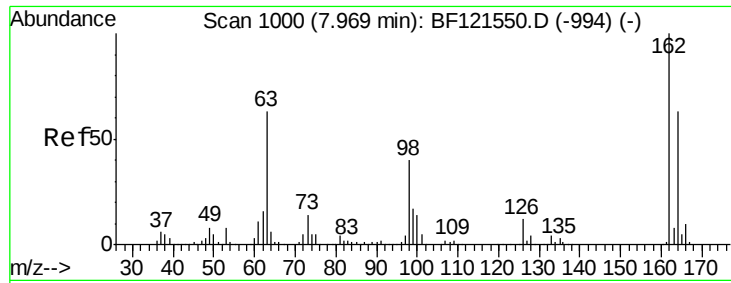
Delta R.T. 0.00 min

Lab File: BF121672.D

Acq: 23 Sep 2020 17:41

Tgt Ion:	93	Resp:	597882
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.3	39.5
123	10.9	9.3	13.9





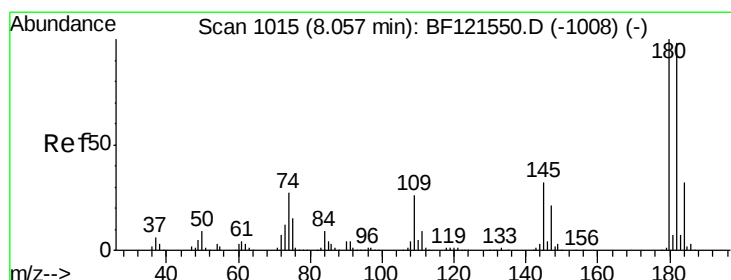
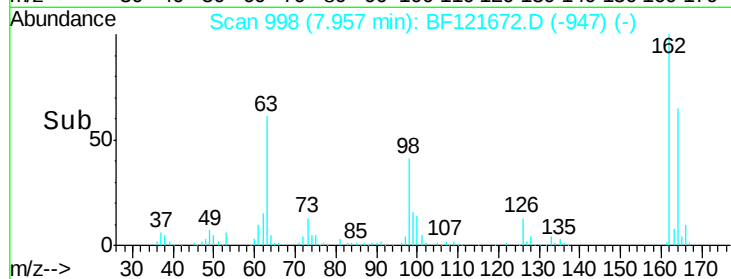
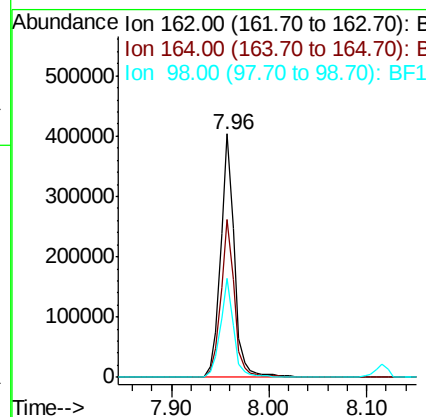
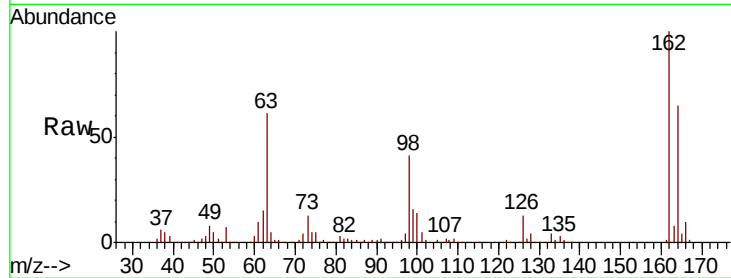
#29
 2,4-Dichlorophenol
 Concen: 44.550 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF121672.D
 Acq: 23 Sep 2020 17:41

Instrument :
 BNA_F
 ClientSampleID :
 HD-01-092220MS

Tot Ion:	162	Resp:	395849
Ion Ratio	Lower	Upper	
162	100		
164	64.6	44.1	84.1
98	40.5	16.7	56.7

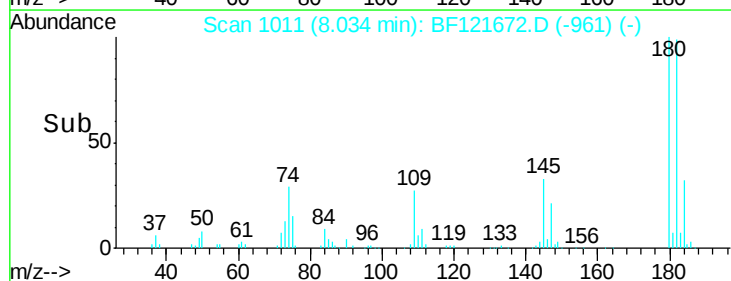
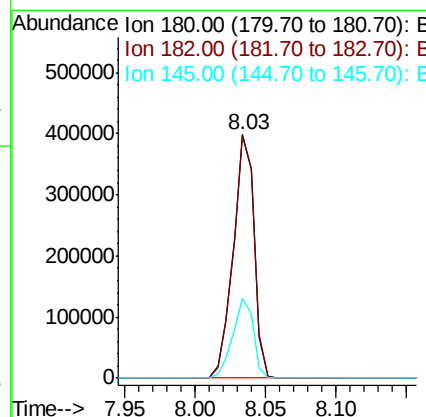
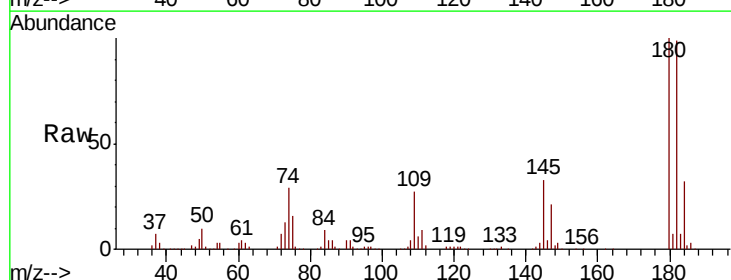
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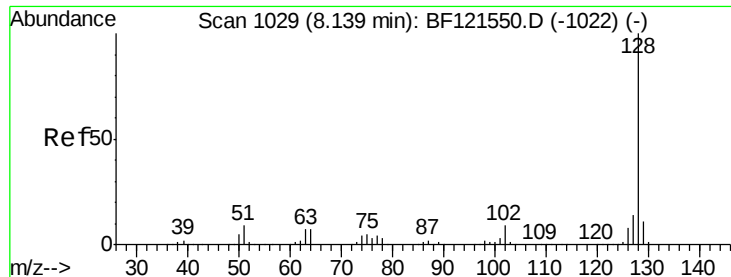
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.694 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF121672.D
 Acq: 23 Sep 2020 17:41

Tgt Ion:	180	Resp:	408895
Ion Ratio	Lower	Upper	
180	100		
182	99.3	78.6	117.8
145	32.7	26.2	39.2





#31

Naphthalene

Concen: 43.196 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF121672.D

Acq: 23 Sep 2020 17:41

Instrument :

BNA_F

ClientSampleId :

HD-01-092220MS

Tot Ion:128 Resp: 1329232

Ion Ratio Lower Upper

128 100

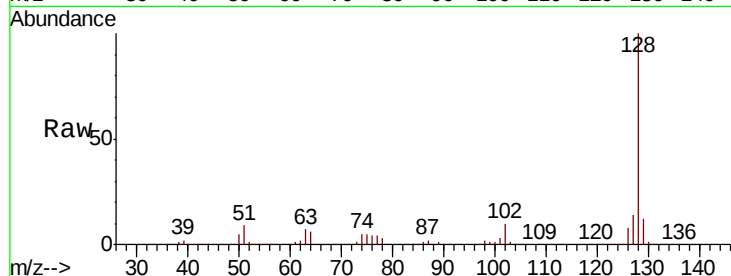
129 11.5 9.0 13.4

127 13.8 10.8 16.2

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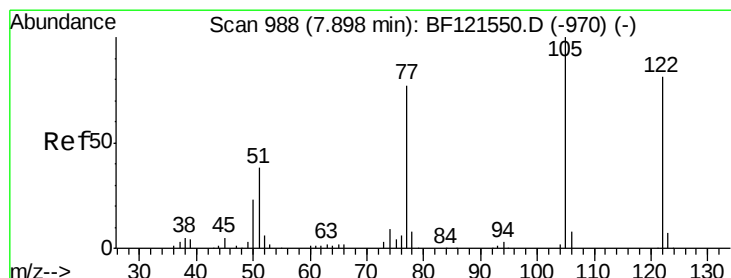
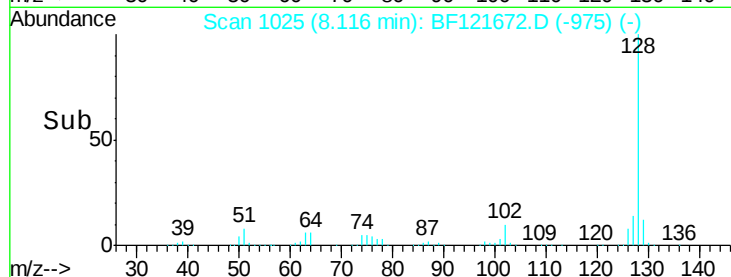
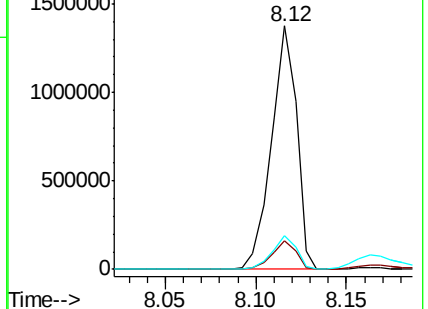
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.389 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF121672.D

Acq: 23 Sep 2020 17:41

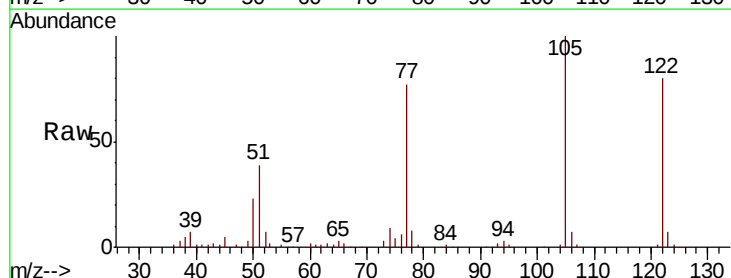
Tgt Ion:122 Resp: 267605

Ion Ratio Lower Upper

122 100

105 124.2 101.9 141.9

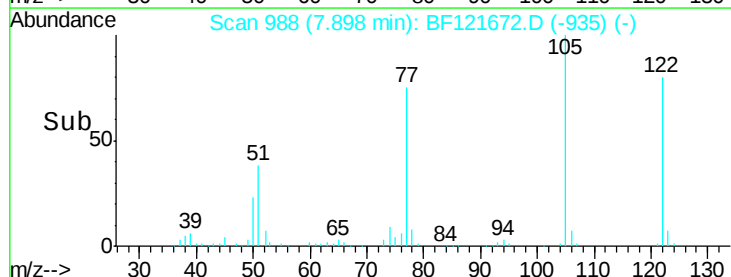
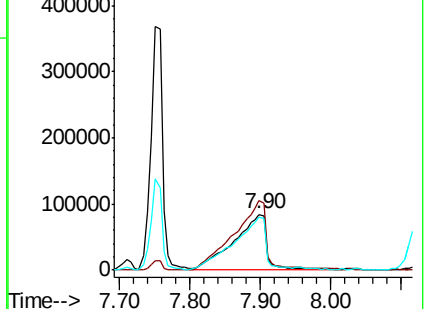
77 95.9 69.0 109.0

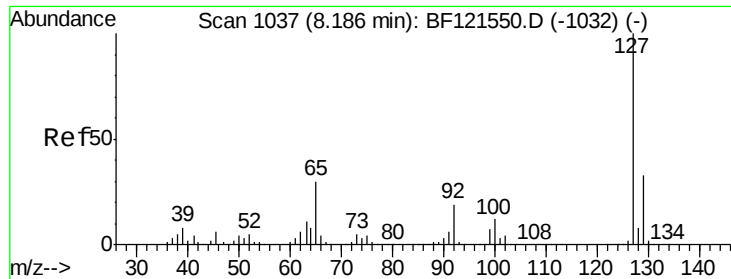


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





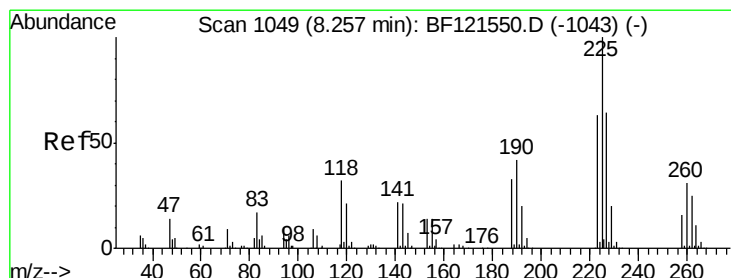
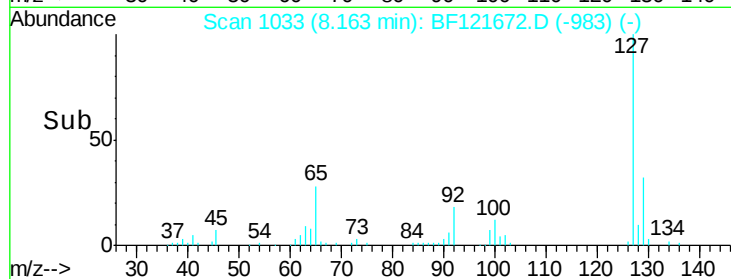
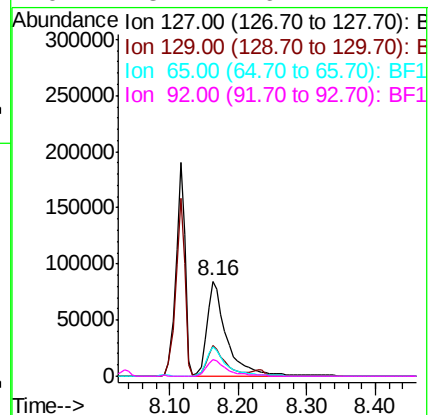
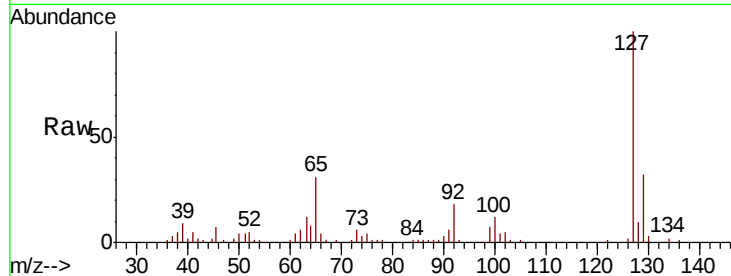
#33
4-Chloroaniline
Concen: 12.689 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	25.8	38.8	
65	30.9	26.3	39.5	
92	18.1	16.2	24.4	

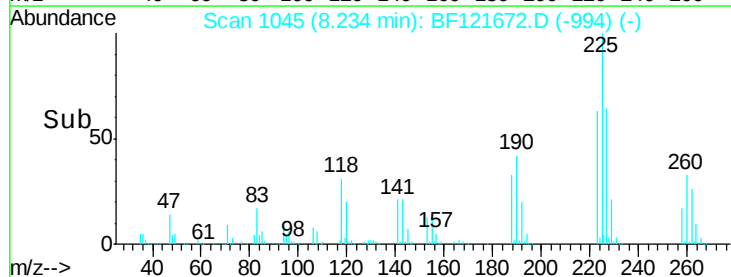
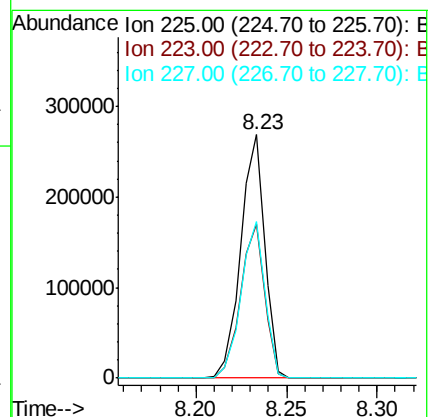
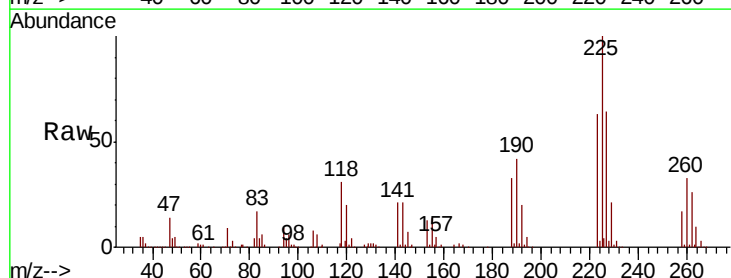
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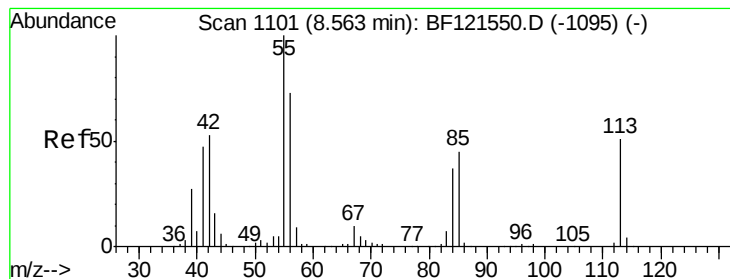
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#34
Hexachlorobutadiene
Concen: 45.105 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	51.4	77.2	
227	64.3	51.7	77.5	





#35

Caprolactam

Concen: 35.486 ng/ml

RT: 8.55 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF121672.D

Acq: 23 Sep 2020 17:41

Instrument :

BNA_F

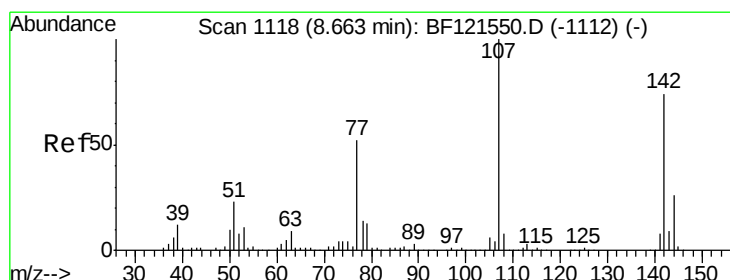
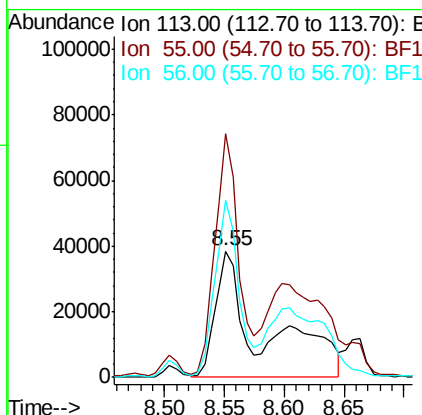
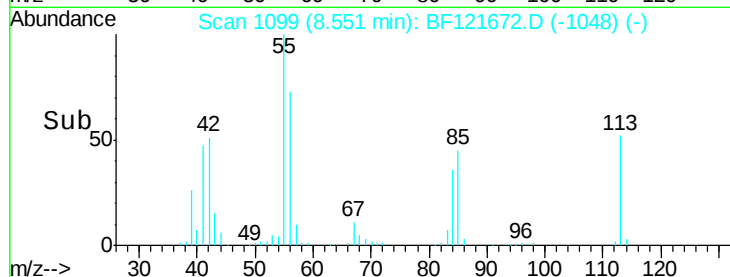
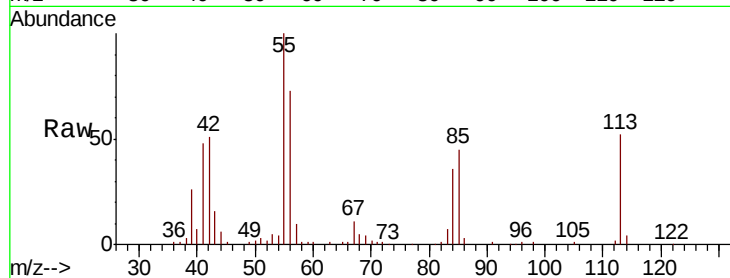
ClientSampleID :

HD-01-092220MS

Tot Ion:	113	Resp:	105003
Ion Ratio	Lower	Upper	
113	100		
55	192.6	166.3	206.3
56	139.6	118.7	158.7

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#36

4-Chloro-3-methylphenol

Concen: 45.650 ng/ml

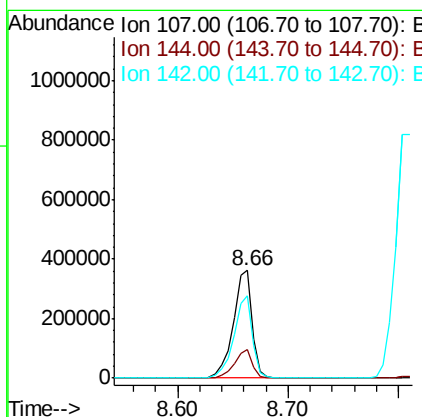
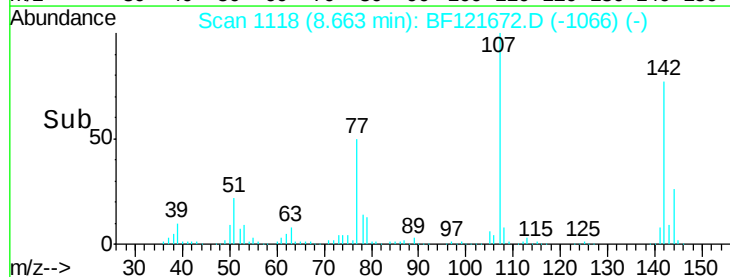
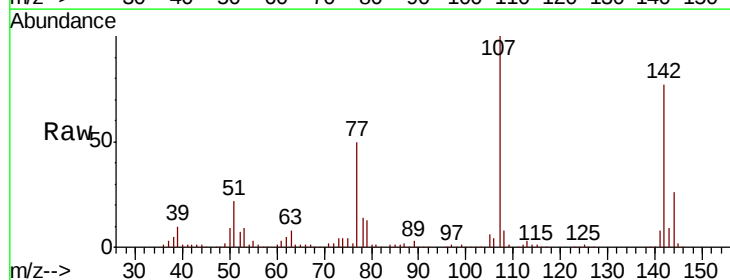
RT: 8.66 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BF121672.D

Acq: 23 Sep 2020 17:41

Tgt Ion:	107	Resp:	436958
Ion Ratio	Lower	Upper	
107	100		
144	26.3	20.6	31.0
142	77.1	61.7	92.5





#37

2-Methylnaphthalene

Concen: 44.107 ng

RT: 8.81 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF121672.D

Acq: 23 Sep 2020 17:41

Instrument :

BNA_F

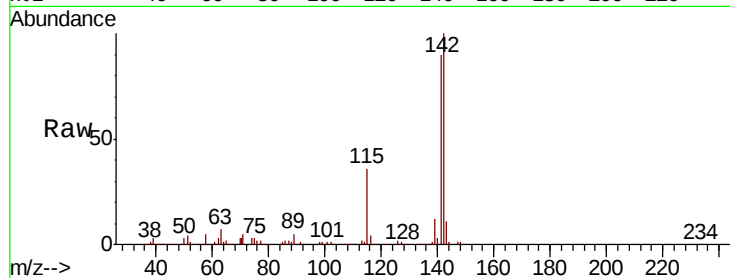
ClientSampleId :

HD-01-092220MS

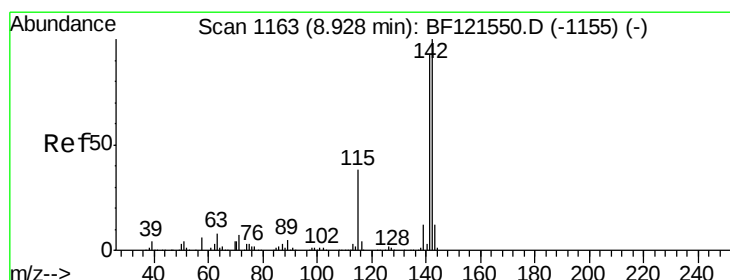
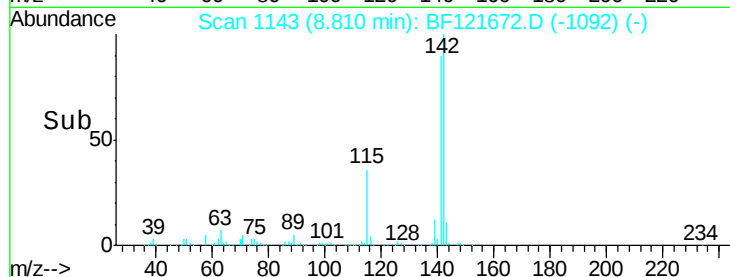
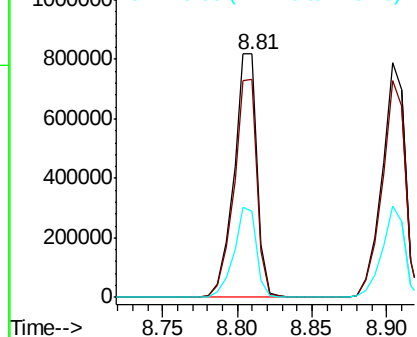
Tot Ion:	142	Resp:	889470
Ion Ratio	Lower	Upper	
142	100		
141	89.6	72.2	108.2
115	35.7	28.5	42.7

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



#38

1-Methylnaphthalene

Concen: 44.086 ng

RT: 8.90 min Scan# 1159

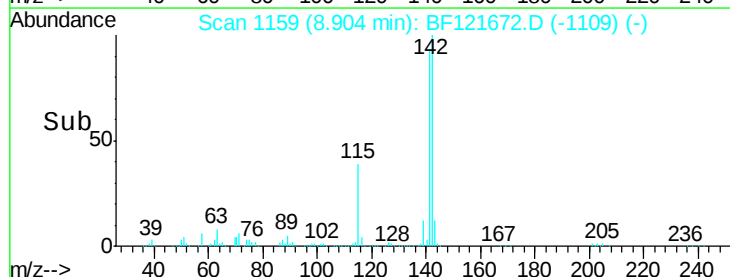
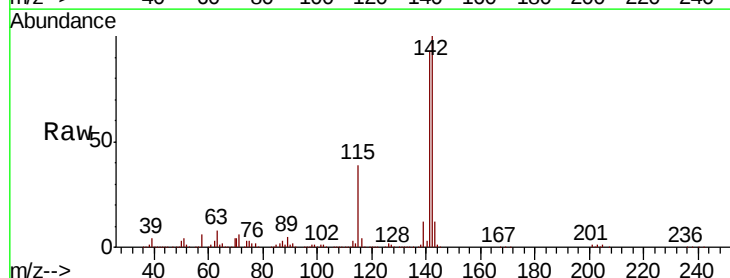
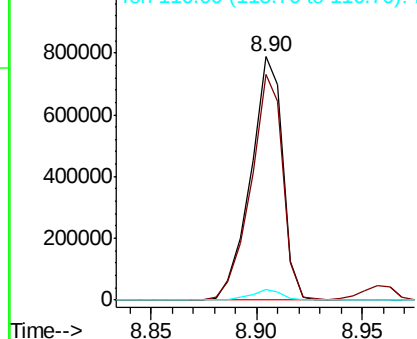
Delta R.T. -0.01 min

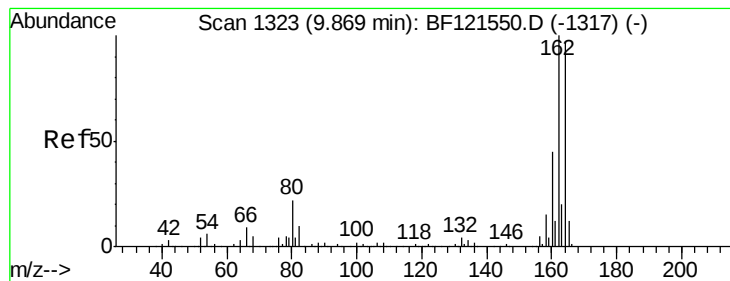
Lab File: BF121672.D

Acq: 23 Sep 2020 17:41

Tgt Ion:	142	Resp:	827409
Ion Ratio	Lower	Upper	
142	100		
141	92.7	73.8	110.8
116	4.1	3.3	4.9

Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF121672.D

Acq: 23 Sep 2020 17:41

Instrument :

BNA_F

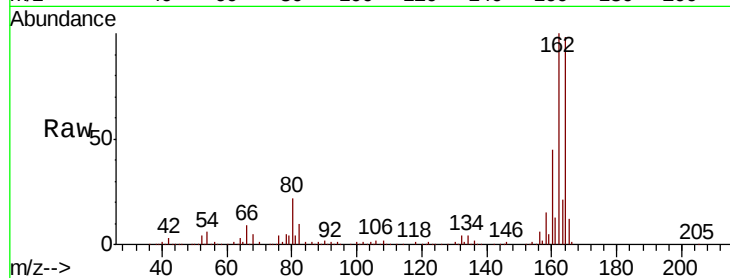
ClientSampleId :

HD-01-092220MS

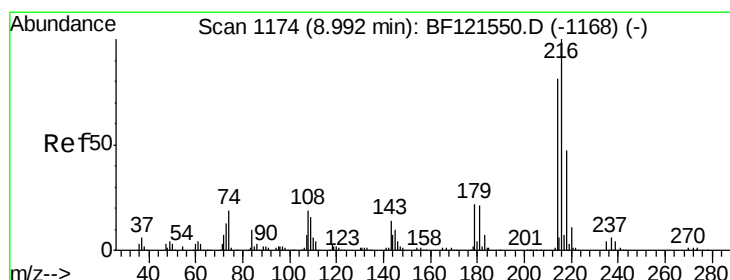
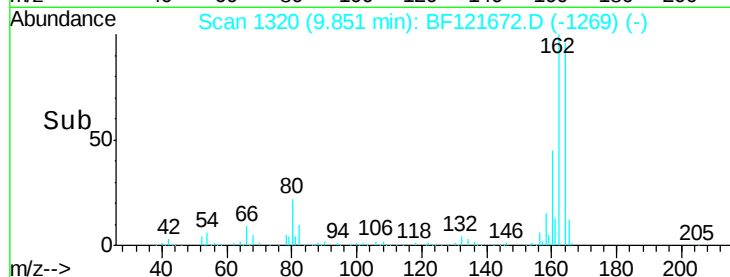
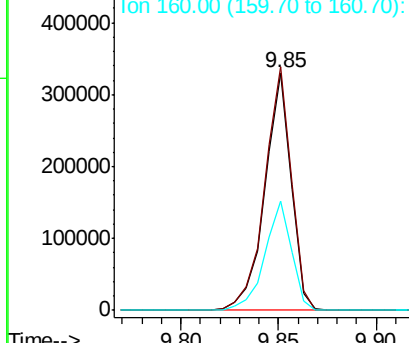
Tot Ion:	164	Resp:	307968
Ion Ratio	Lower	Upper	
164	100		
162	102.4	81.2	121.8
160	45.9	36.2	54.4

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.841 ng

RT: 8.97 min Scan# 1171

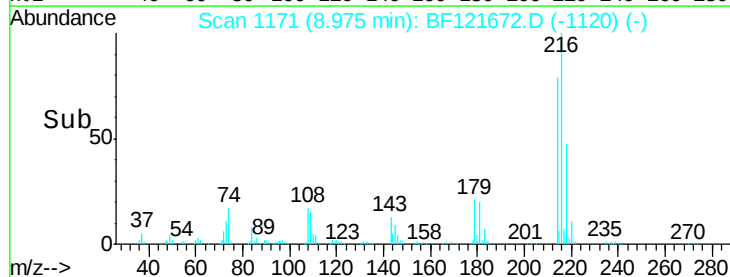
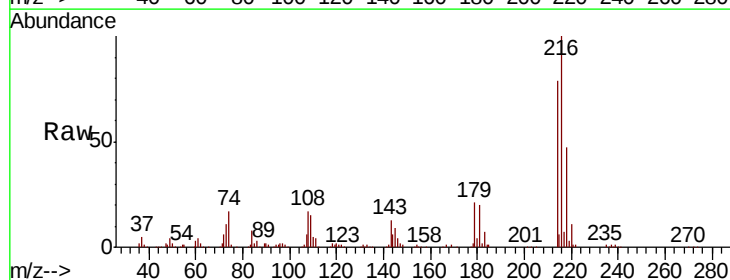
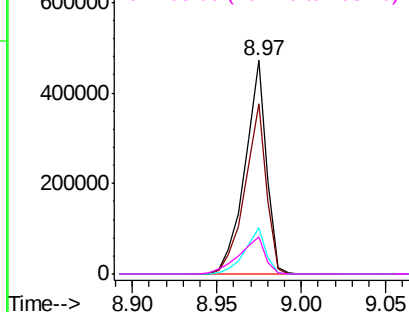
Delta R.T. 0.00 min

Lab File: BF121672.D

Acq: 23 Sep 2020 17:41

Tgt Ion:	216	Resp:	421745
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.0	94.4
179	20.8	16.6	24.8
108	20.9	15.2	22.8

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





#41

Hexachlorocyclopentadiene

Concen: 75.931 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF121672.D

Acq: 23 Sep 2020 17:41

Instrument :

BNA_F

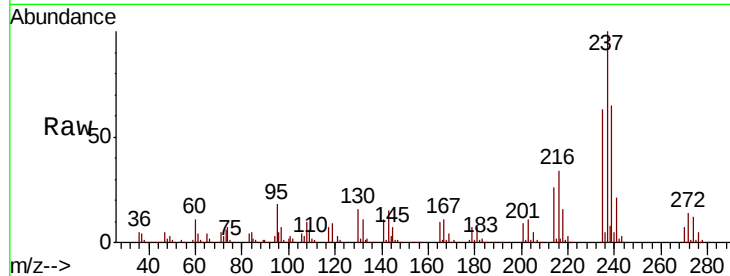
ClientSampleId :

HD-01-092220MS

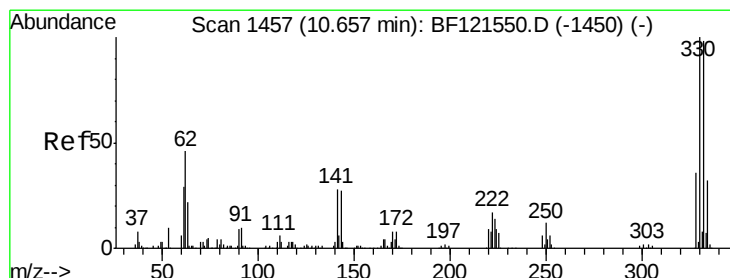
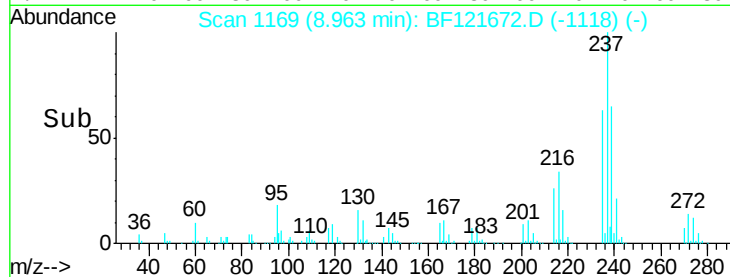
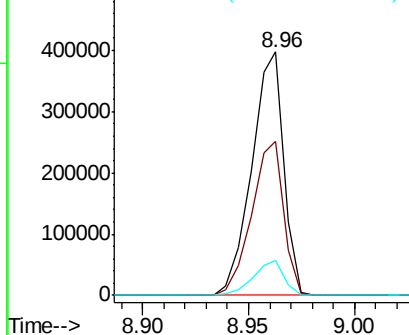
Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.3	43.4	83.4		
272	14.3	0.0	34.1		

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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: 135.488 ng

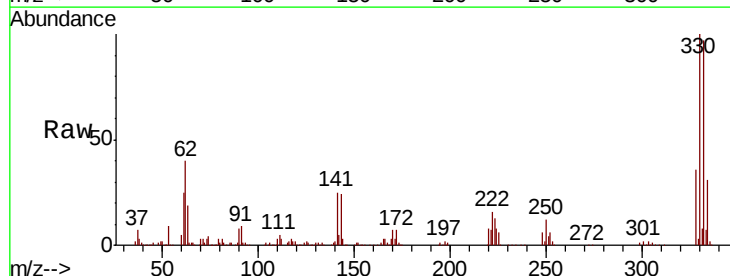
RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

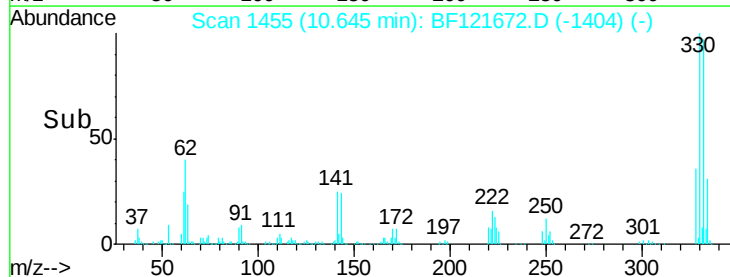
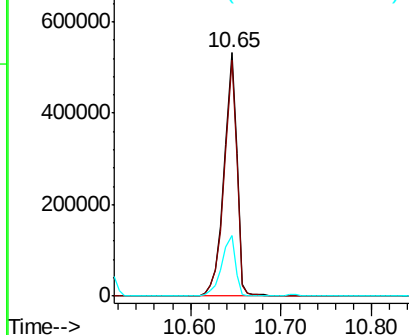
Lab File: BF121672.D

Acq: 23 Sep 2020 17:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100				
332	96.4	76.9	115.3		
141	26.8	22.4	33.6		



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





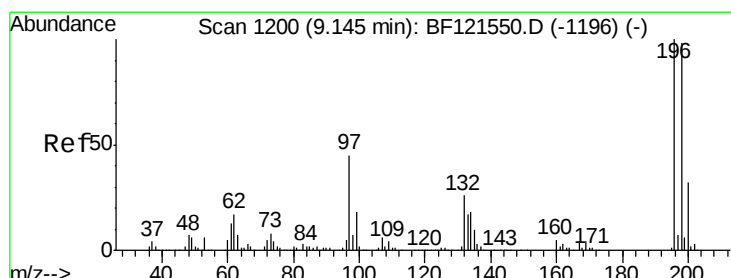
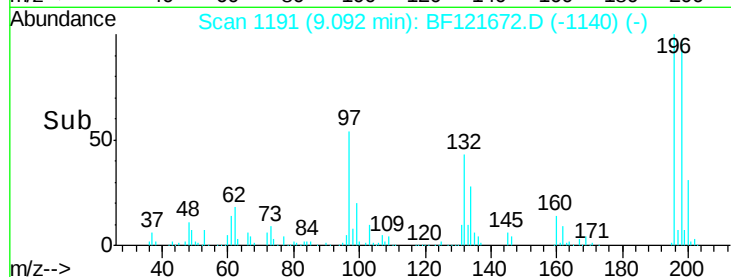
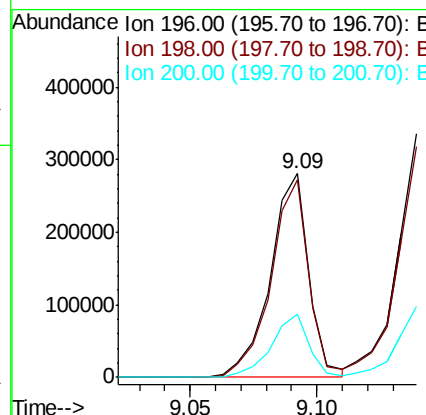
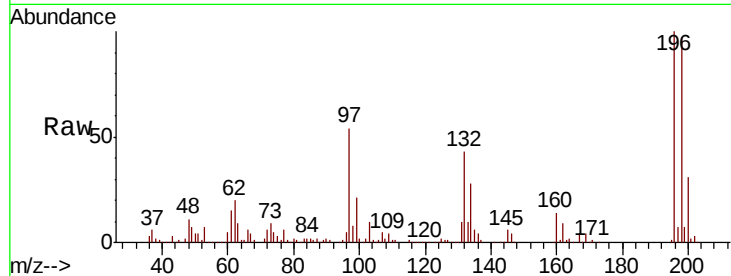
#43
 2,4,6-Trichlorophenol
 Concen: 45.012 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF121672.D
 Acq: 23 Sep 2020 17:41

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	295148		
198	96.7	75.4	113.2	
200	30.8	24.5	36.7	

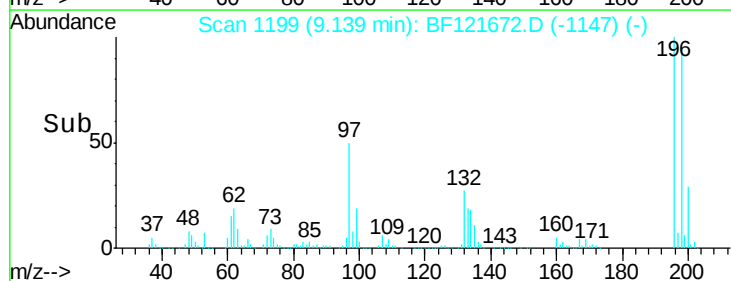
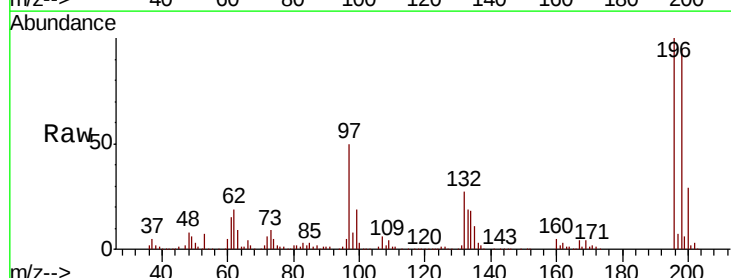
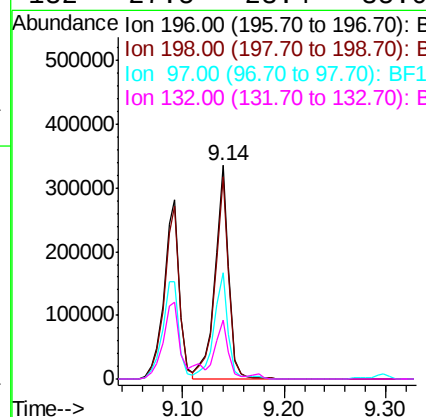
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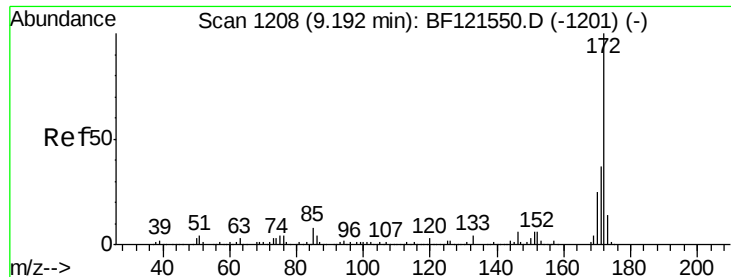
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 45.674 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF121672.D
 Acq: 23 Sep 2020 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	316606		
198	95.0	74.3	111.5	
97	50.0	44.2	66.2	
132	27.5	23.4	35.0	





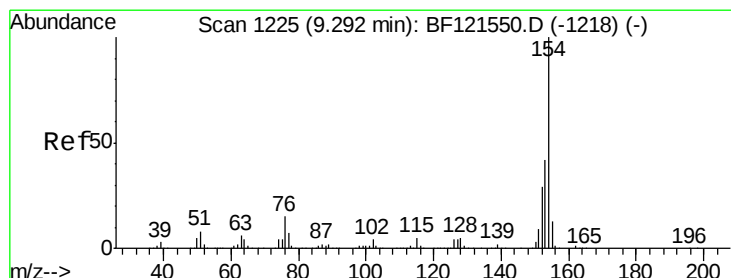
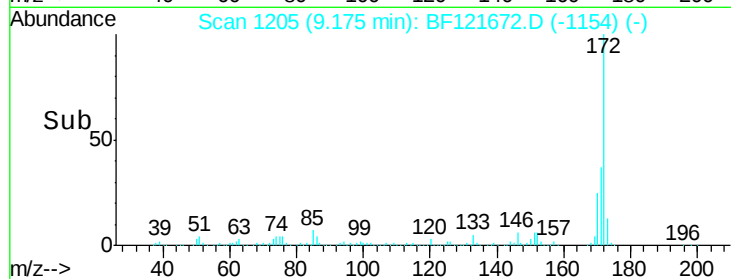
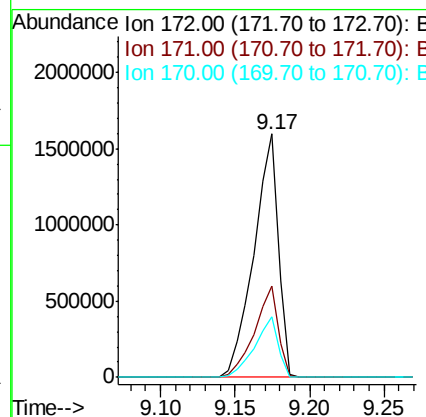
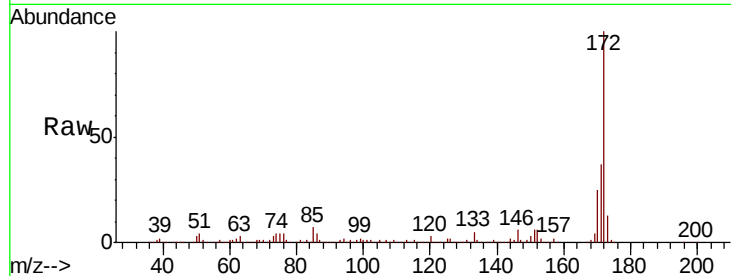
#45
2-Fluorobiphenyl
Concen: 88.701 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.3	43.9
170	24.8	19.5	29.3

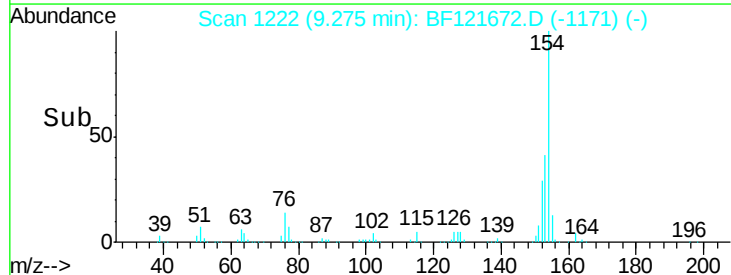
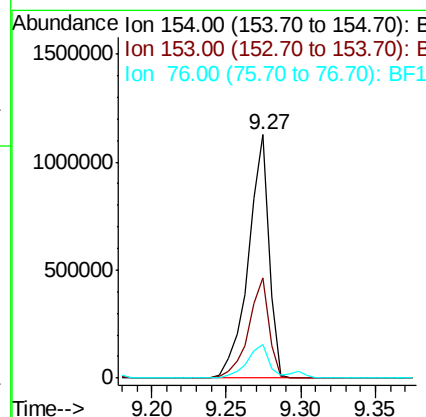
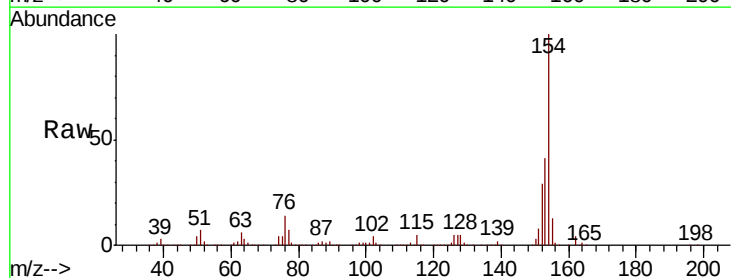
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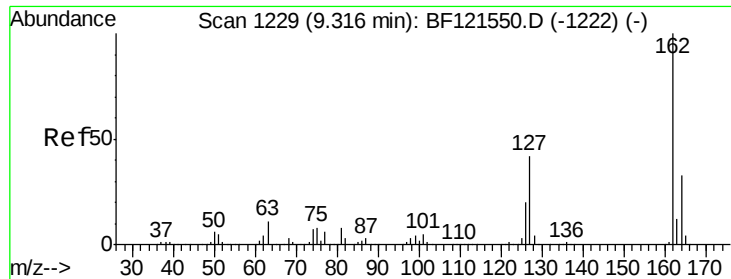
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#46
1,1'-Biphenyl
Concen: 43.624 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.1	61.1
76	13.8	0.0	34.1





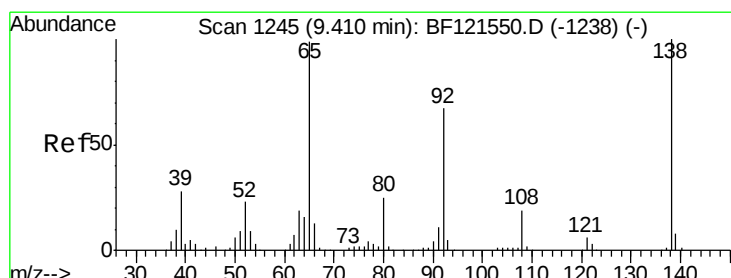
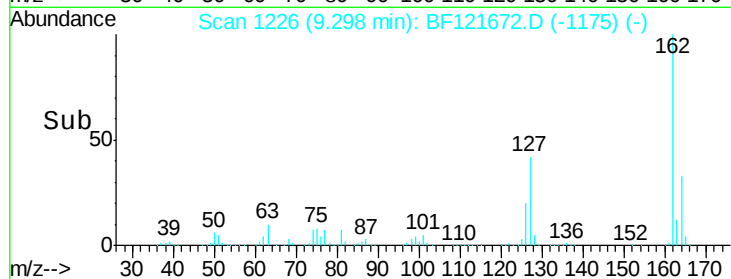
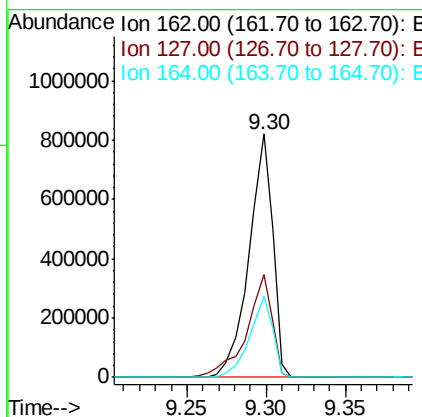
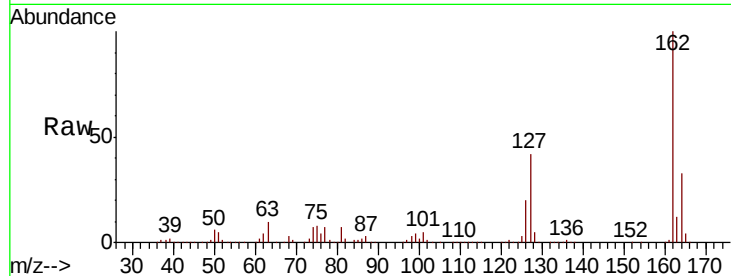
#47
2-Chloronaphthalene
Concen: 43.688 ng
RT: 9.30 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.4	34.2	51.4
164	33.1	27.0	40.4

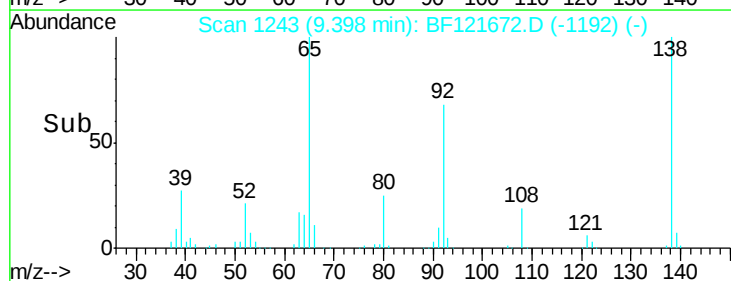
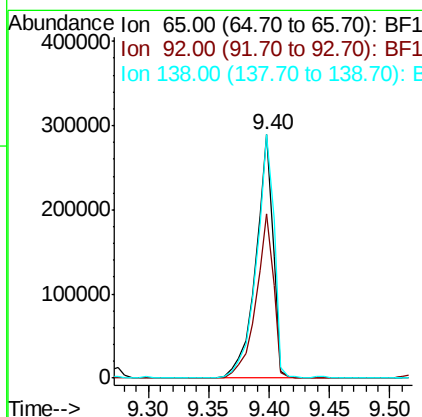
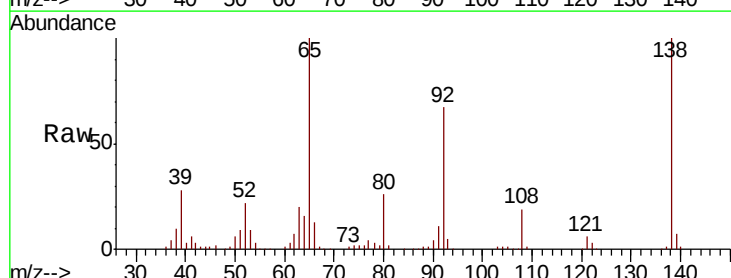
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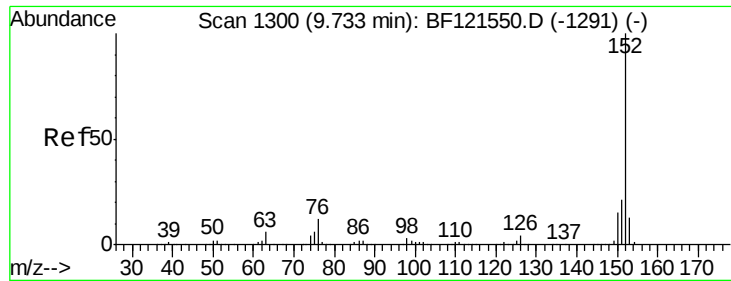
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#48
2-Nitroaniline
Concen: 48.005 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.5	56.0	84.0
138	99.8	84.7	127.1





#49

Acenaphthylene

Concen: 43.376 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF121672.D

Acq: 23 Sep 2020 17:41

Instrument :

BNA_F

ClientSampleId :

HD-01-092220MS

Tot Ion:152 Resp: 1294835

Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

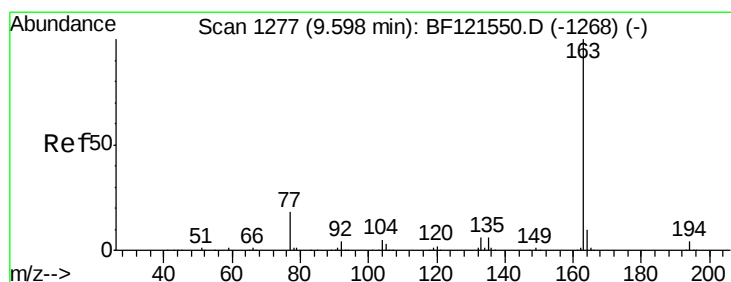
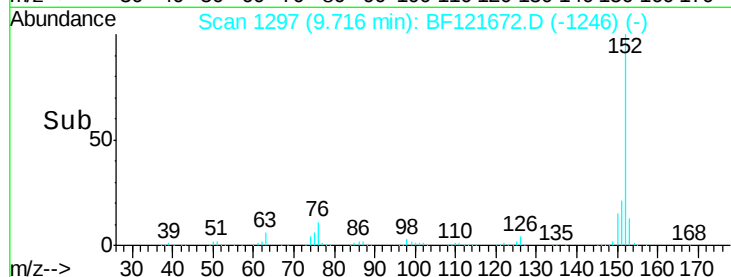
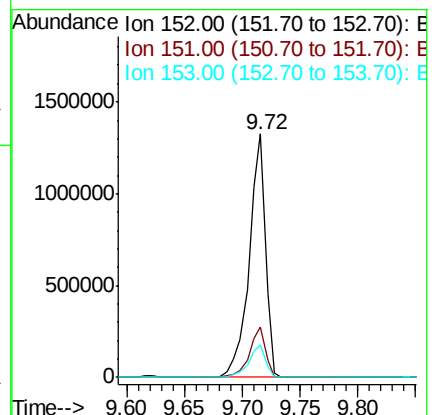
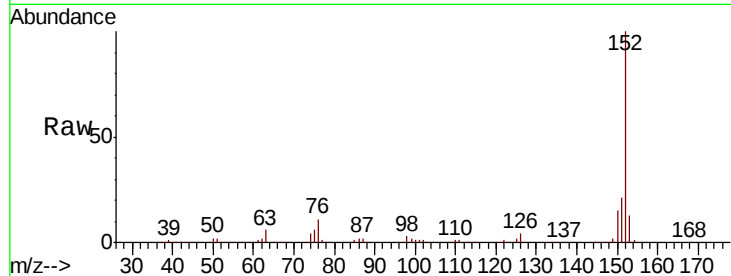
153 13.5 10.7 16.1

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#50

Dimethylphthalate

Concen: 46.426 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF121672.D

Acq: 23 Sep 2020 17:41

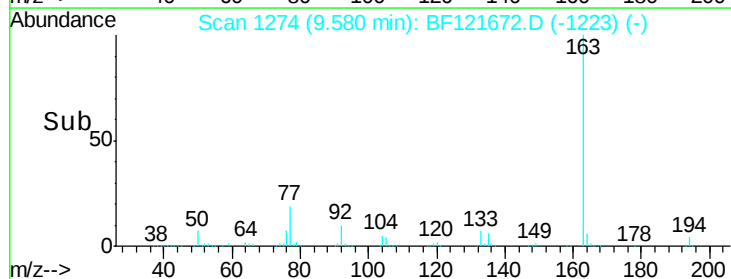
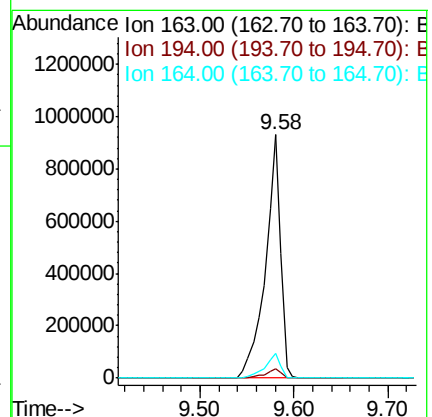
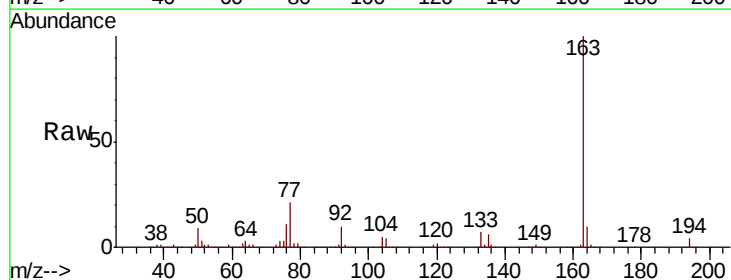
Tgt Ion:163 Resp: 1036273

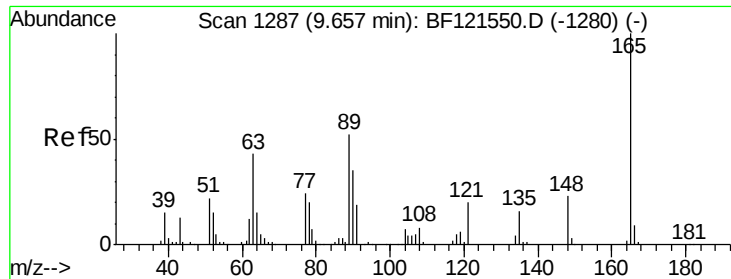
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.1 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 49.036 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF121672.D

Acq: 23 Sep 2020 17:41

Instrument :

BNA_F

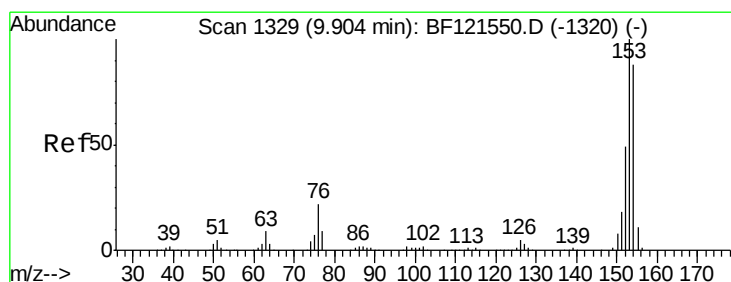
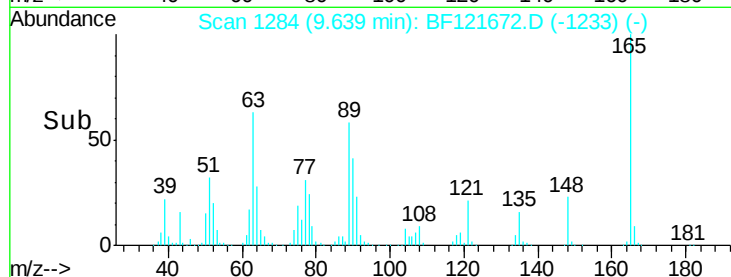
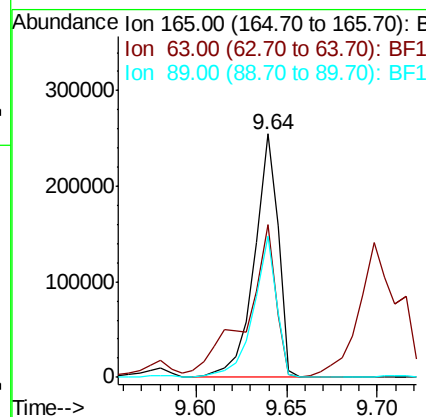
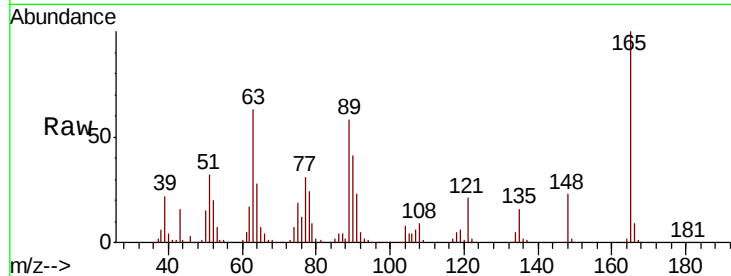
ClientSampleId :

HD-01-092220MS

Tot Ion:	165	Resp:	233101
Ion Ratio	Lower	Upper	
165	100		
63	62.7	47.6	71.4
89	57.8	46.0	69.0

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#52

Acenaphthene

Concen: 41.507 ng

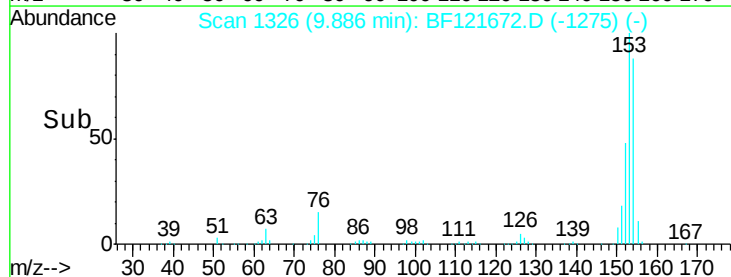
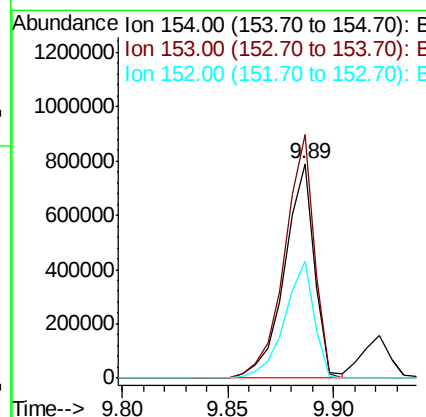
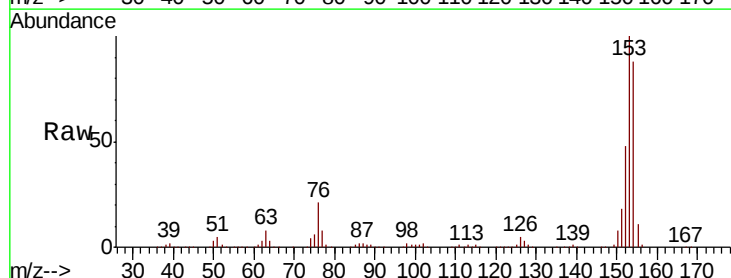
RT: 9.89 min Scan# 1326

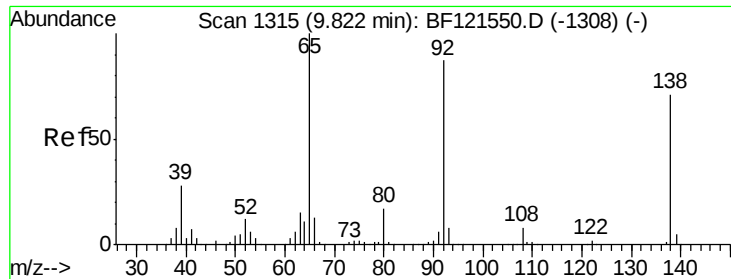
Delta R.T. 0.00 min

Lab File: BF121672.D

Acq: 23 Sep 2020 17:41

Tgt Ion:	154	Resp:	782596
Ion Ratio	Lower	Upper	
154	100		
153	113.5	89.9	134.9
152	54.7	43.8	65.6





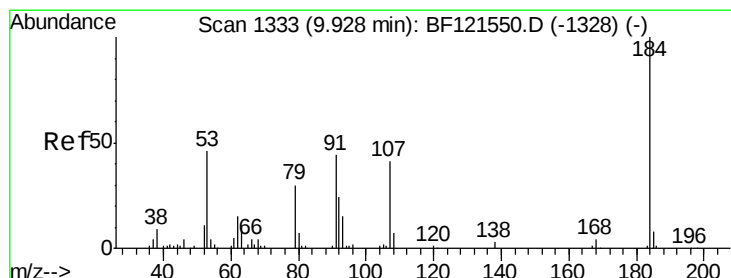
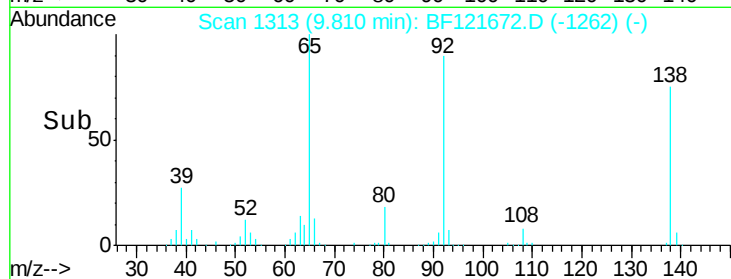
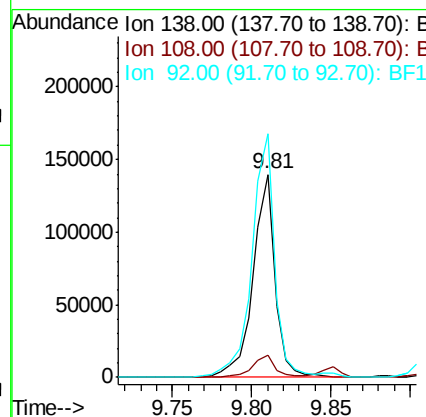
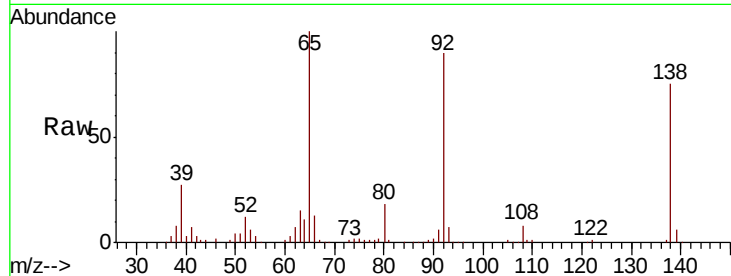
#53
3-Nitroaniline
Concen: 24.638 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.1	13.7
92	120.0	96.5	144.7

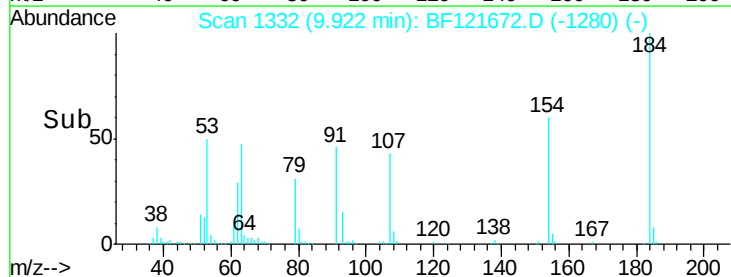
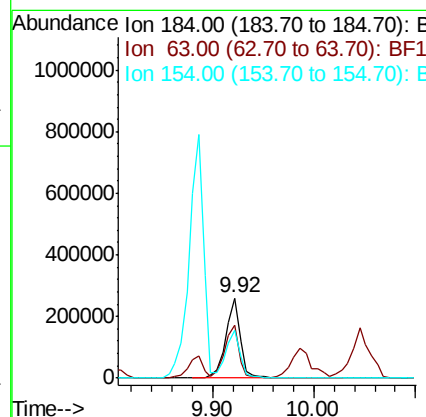
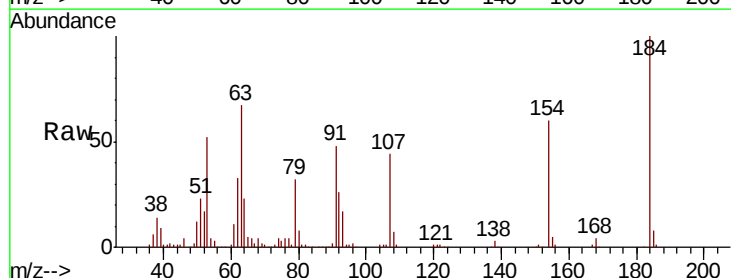
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#54
2,4-Dinitrophenol
Concen: 93.937 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.7	51.5	77.3
154	60.3	46.6	70.0





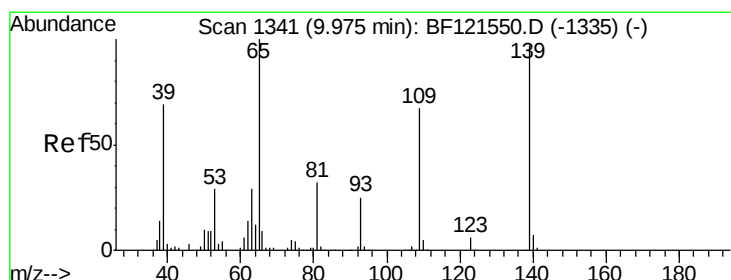
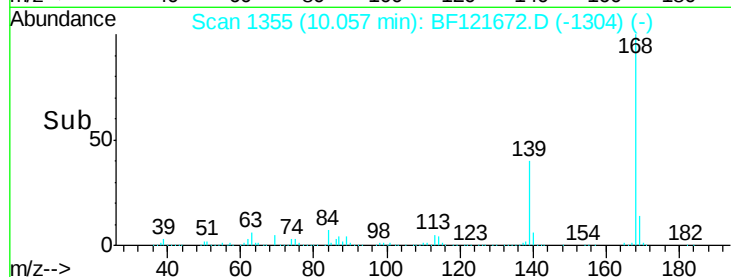
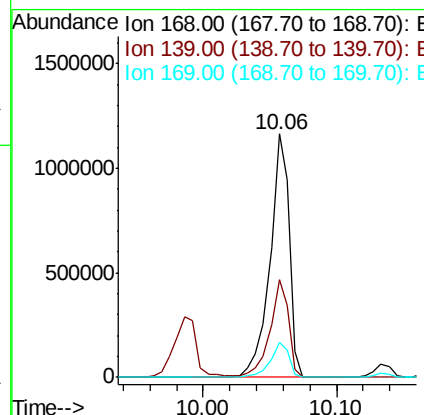
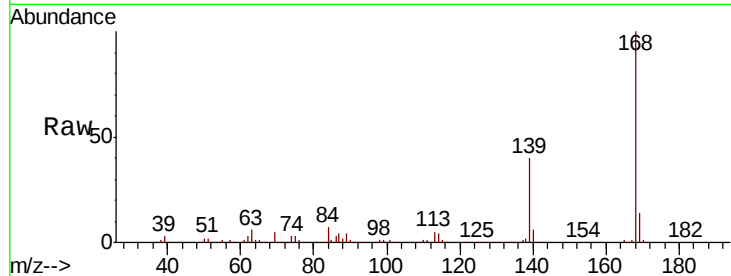
#55
Dibenzofuran
Concen: 43.600 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.1	31.8	47.8
169	14.4	11.6	17.4

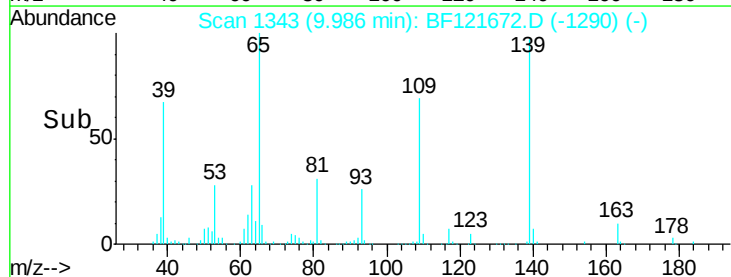
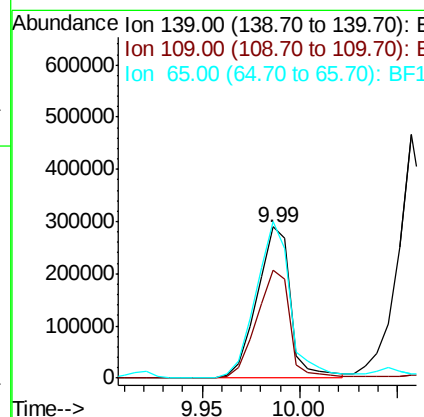
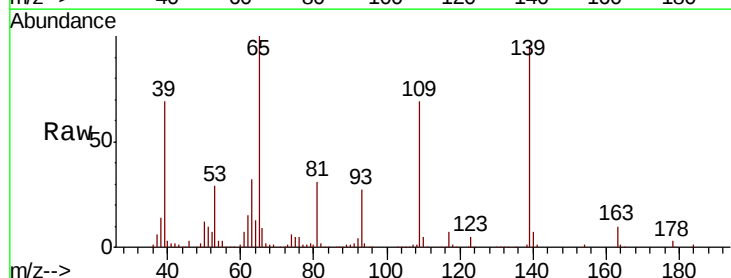
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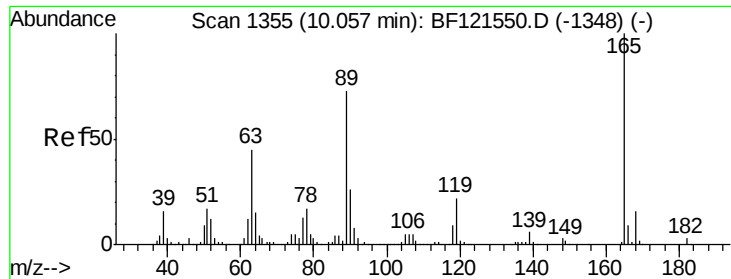
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#56
4-Nitrophenol
Concen: 78.187 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.6	48.1	88.1
65	103.6	74.7	114.7





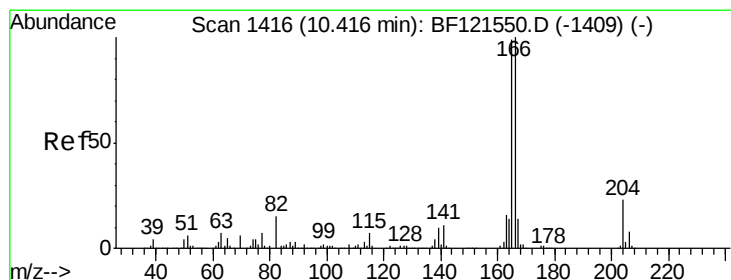
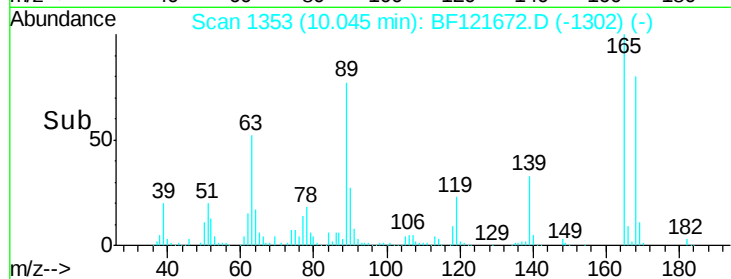
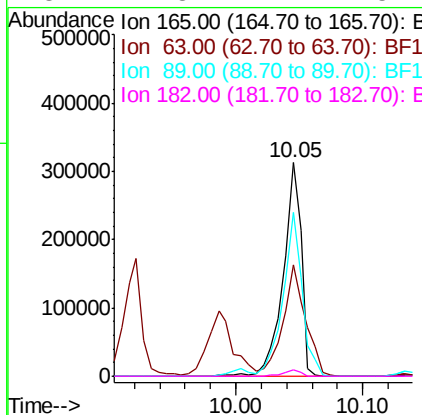
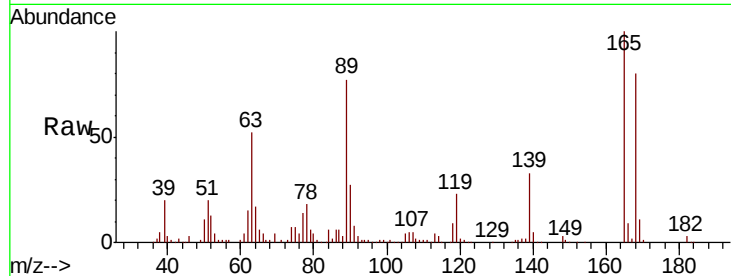
#57
2,4-Dinitrotoluene
Concen: 51.629 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MS

Tot Ion:	165	Resp:	308762
Ion Ratio	Lower	Upper	
165	100		
63	51.9	36.7	55.1
89	77.0	57.7	86.5
182	2.8	2.1	3.1

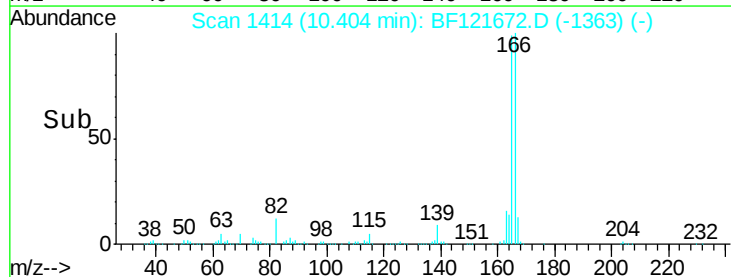
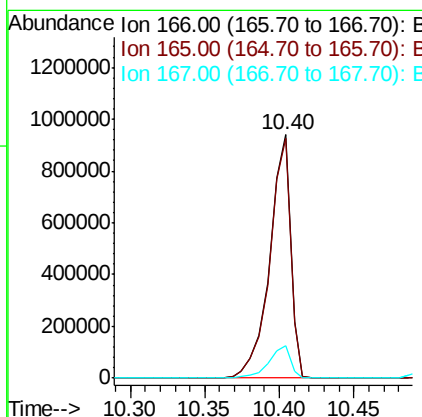
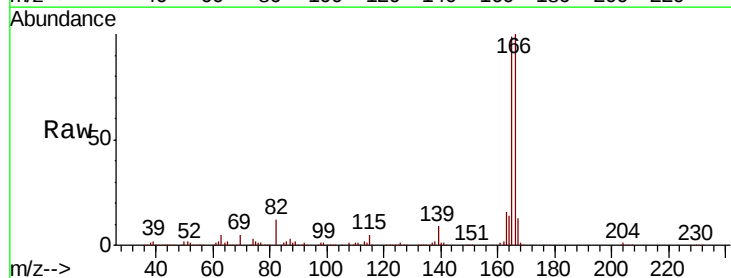
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#58
Fluorene
Concen: 44.861 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Tgt Ion:	166	Resp:	910907
Ion Ratio	Lower	Upper	
166	100		
165	98.7	80.1	120.1
167	13.3	10.8	16.2





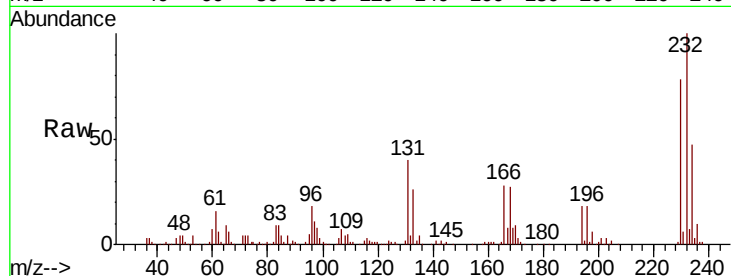
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.935 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MS

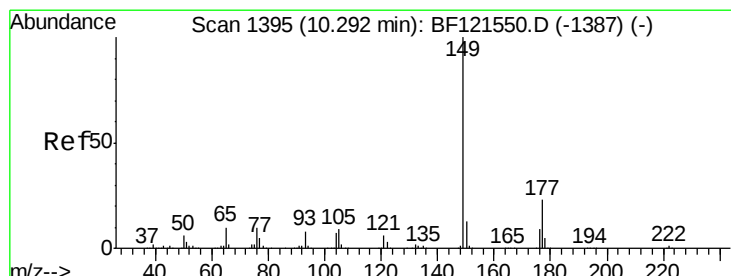
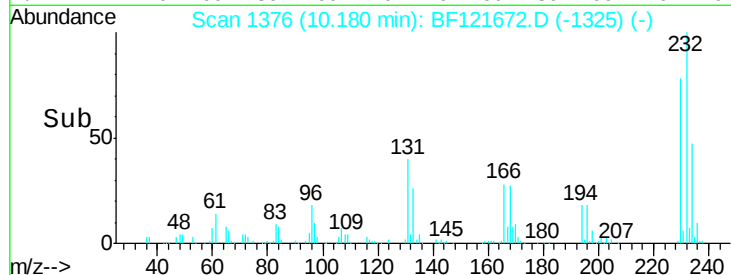
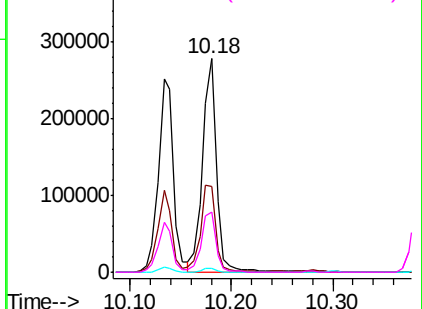
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.1	35.1	52.7
130	2.2	1.6	2.4
166	29.4	23.3	34.9

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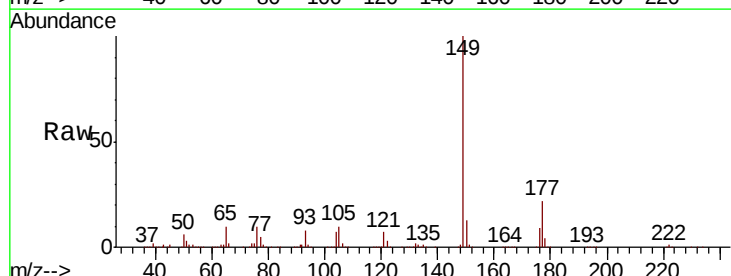


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

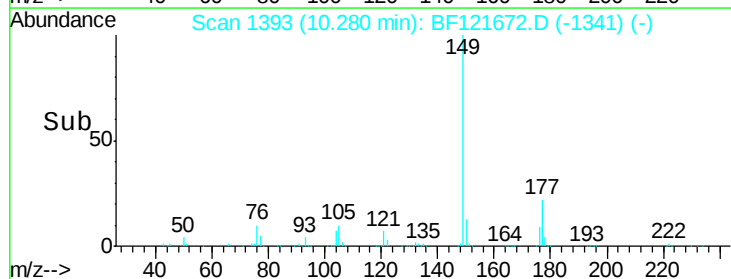
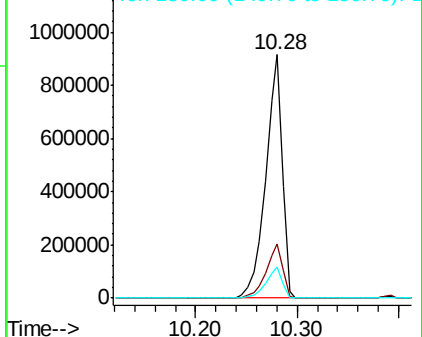


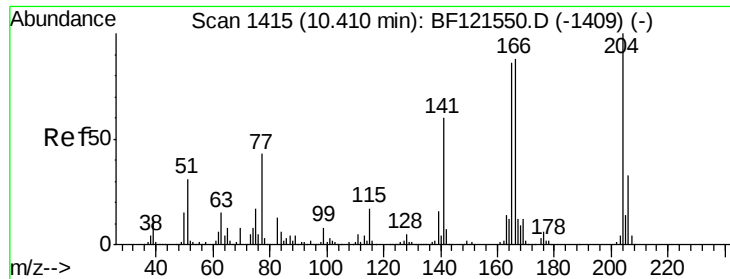
#60
Diethylphthalate
Concen: 47.252 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.1	27.1
150	12.8	9.8	14.8



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





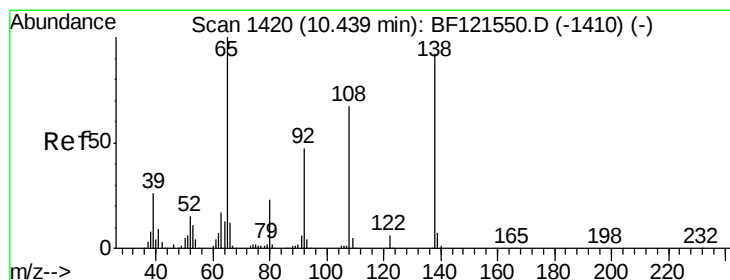
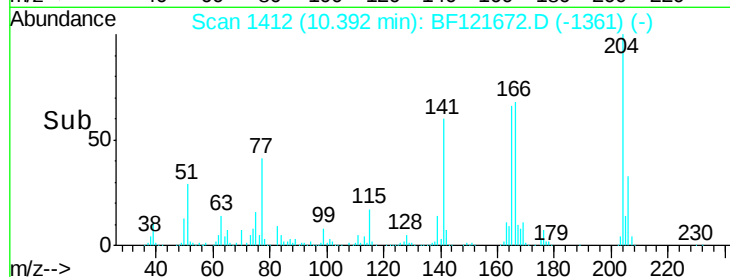
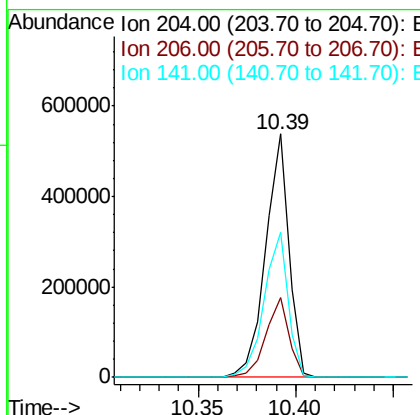
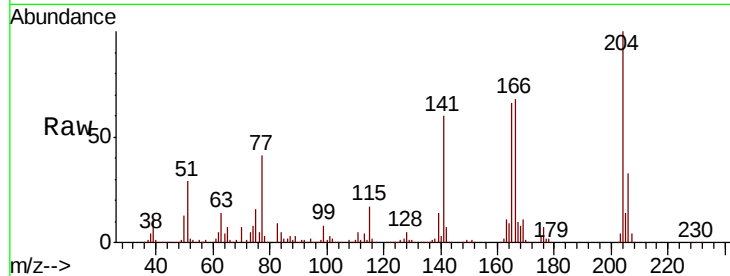
#61
4-Chlorophenyl-phenylether
Concen: 46.081 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.7	40.1
141	59.7	50.4	75.6

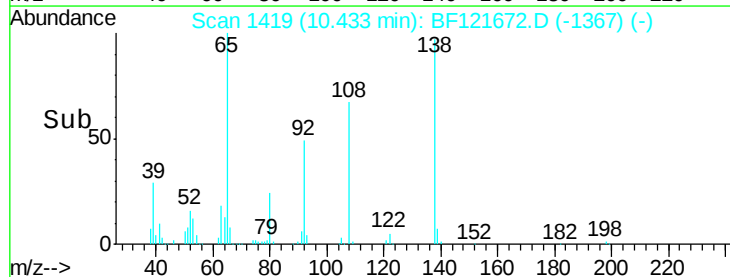
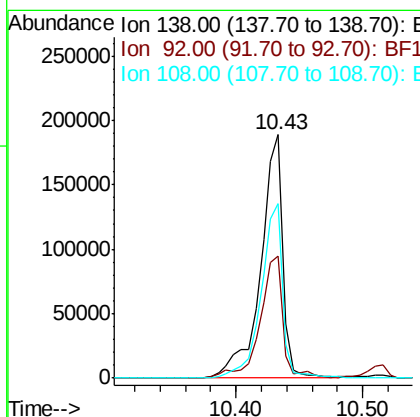
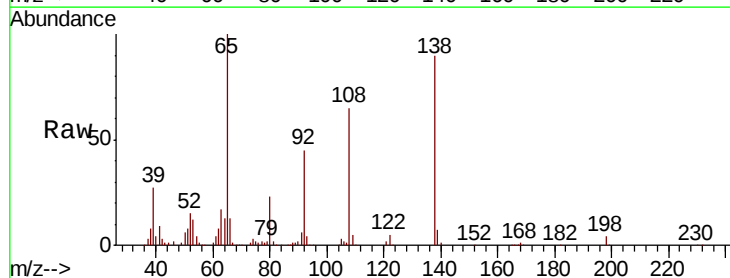
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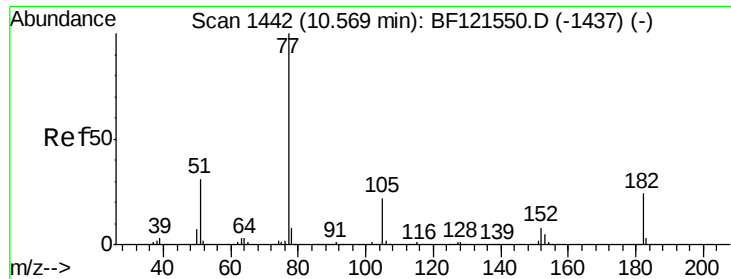
mohammad
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#62
4-Nitroaniline
Concen: 42.411 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.2	34.8	74.8
108	71.8	55.5	95.5





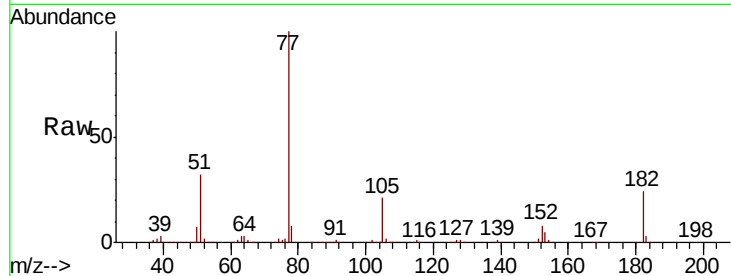
#63
Azobenzene
Concen: 44.045 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.3	6.8	46.8	
105	21.2	2.2	42.2	
51	31.7	10.7	50.7	

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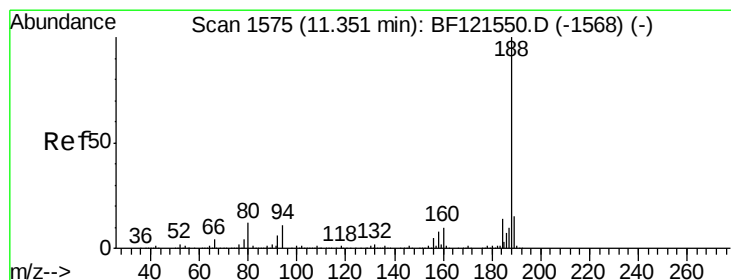
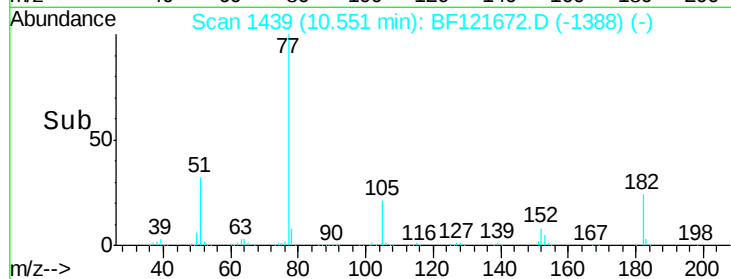
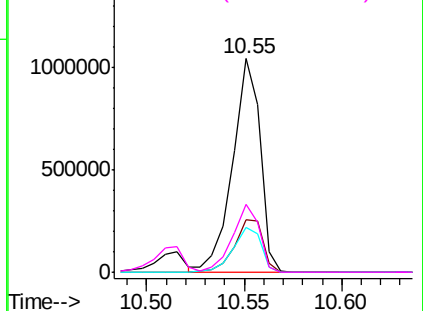
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

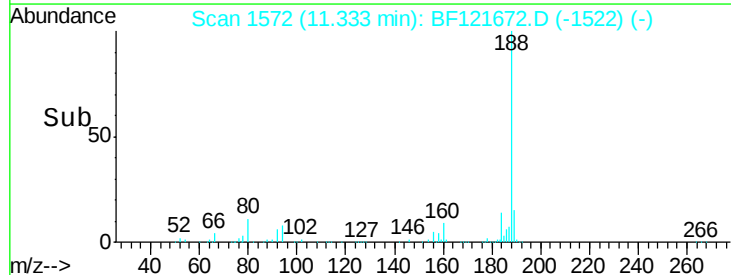
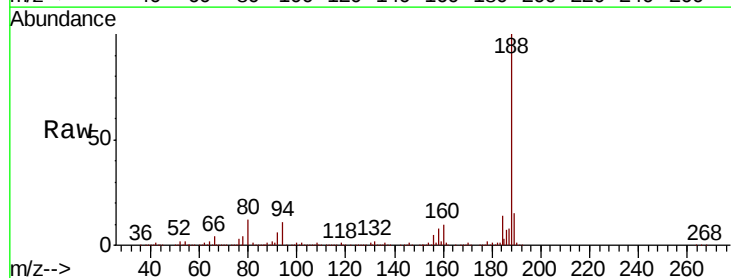
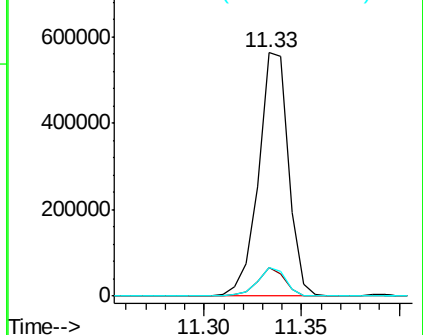
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	11.5	8.4	12.6	
80	11.8	9.0	13.4	

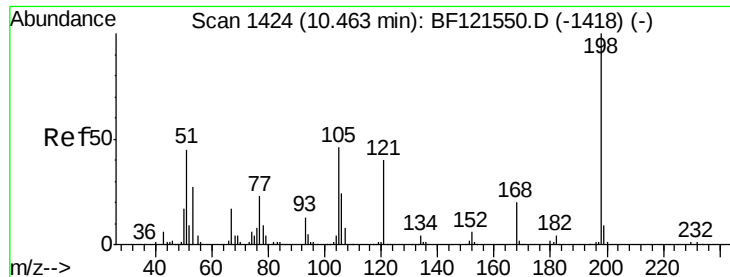
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





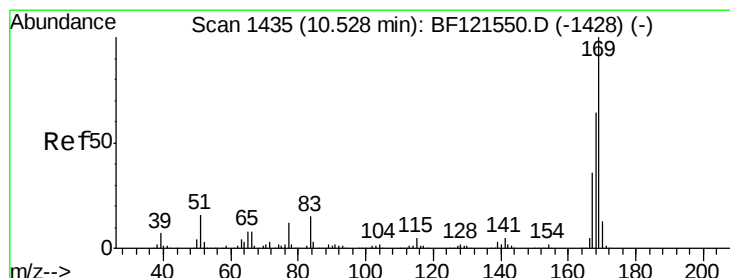
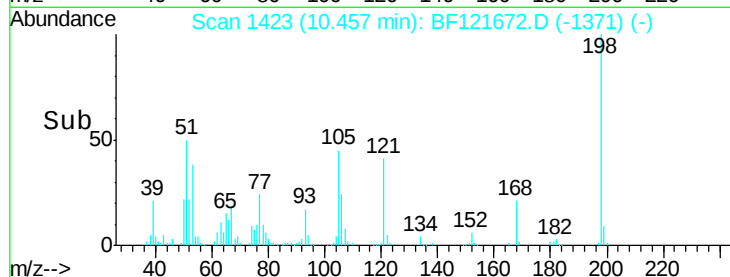
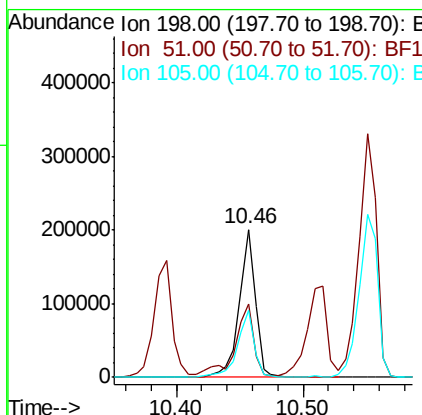
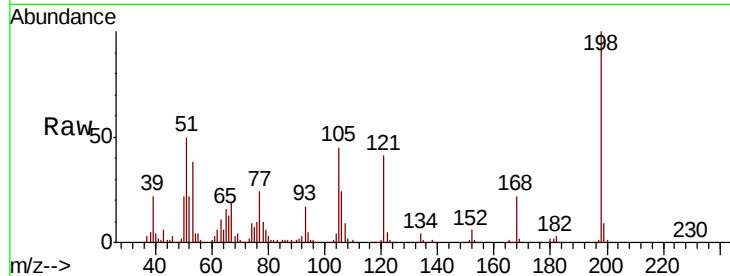
#65
4,6-Dinitro-2-methylphenol
Concen: 48.293 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	177739		
51	49.8	20.3	60.3	
105	45.2	20.2	60.2	

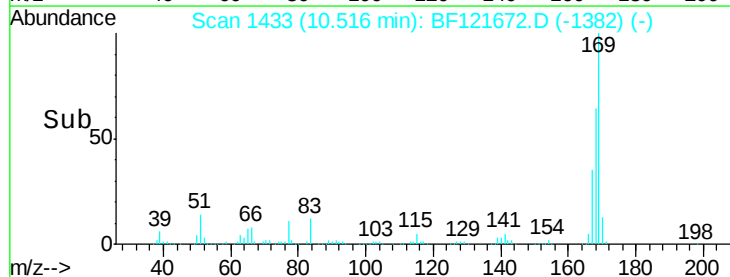
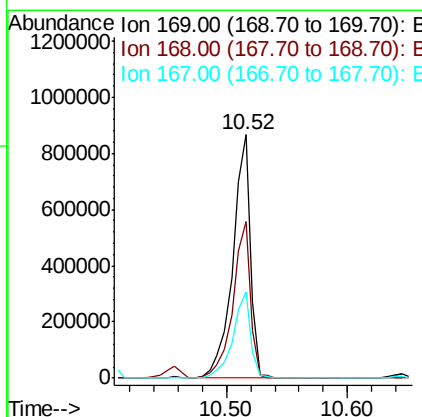
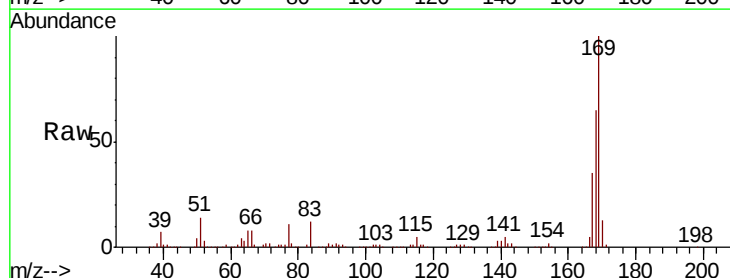
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#66
n-Nitrosodiphenylamine
Concen: 42.645 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	876621		
168	64.5	51.8	77.8	
167	35.5	28.4	42.6	





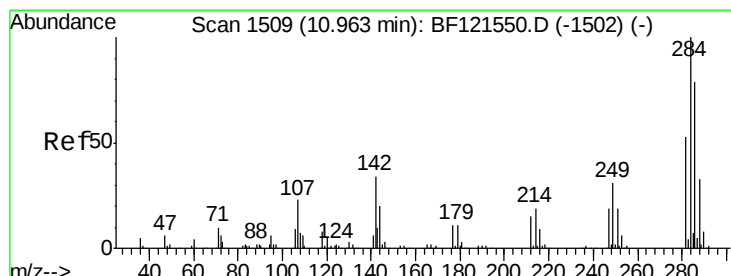
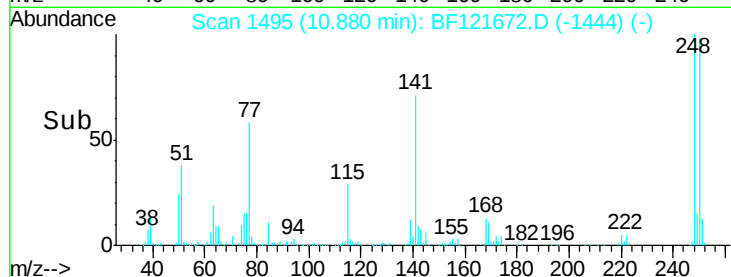
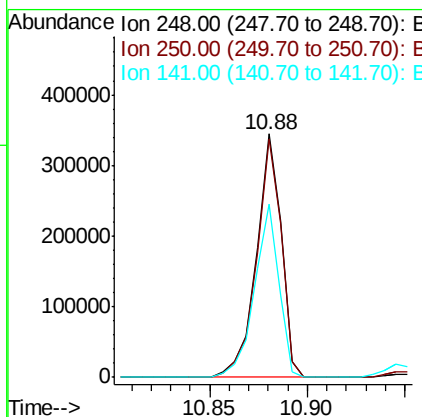
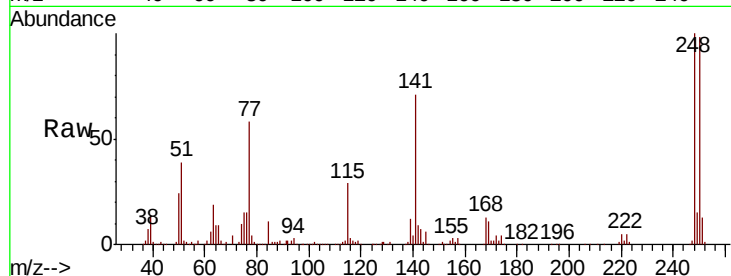
#67
 4-Bromophenyl-phenylether
 Concen: 44.650 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF121672.D
 Acq: 23 Sep 2020 17:41

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MS

Tot Ion:	248	Resp:	304595
Ion Ratio	Lower	Upper	
248	100		
250	98.1	79.4	119.0
141	71.3	52.2	78.4

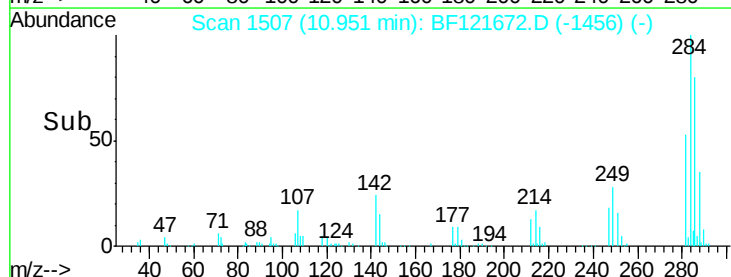
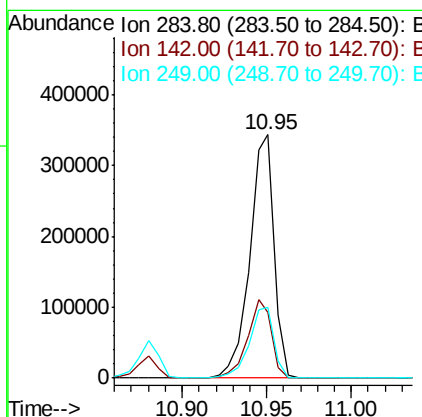
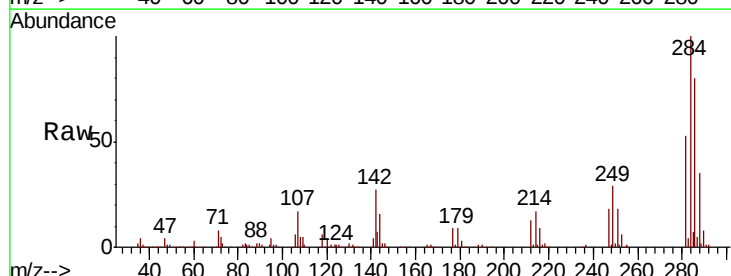
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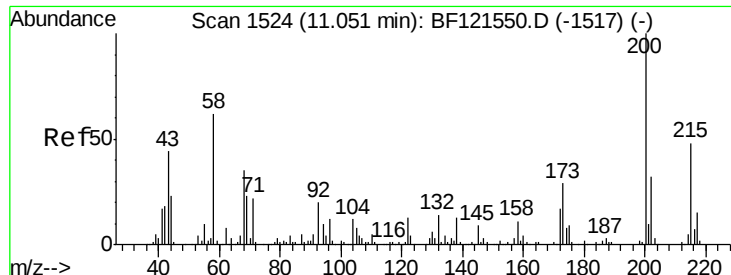
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#68
 Hexachlorobenzene
 Concen: 45.030 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: BF121672.D
 Acq: 23 Sep 2020 17:41

Tgt Ion:	284	Resp:	346668
Ion Ratio	Lower	Upper	
284	100		
142	26.8	24.0	36.0
249	29.3	23.9	35.9





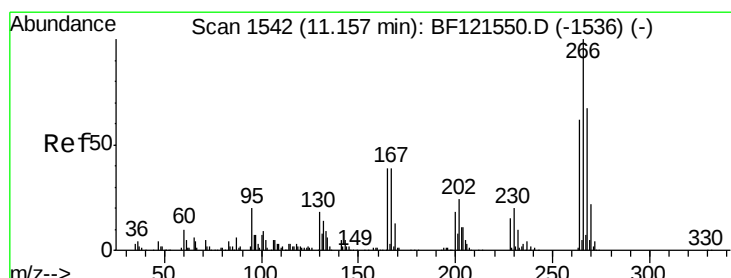
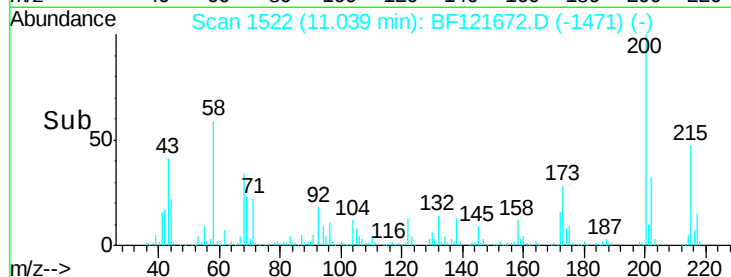
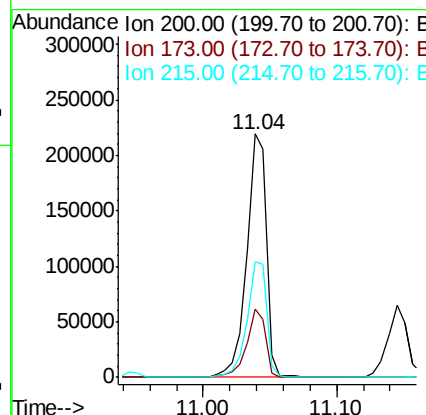
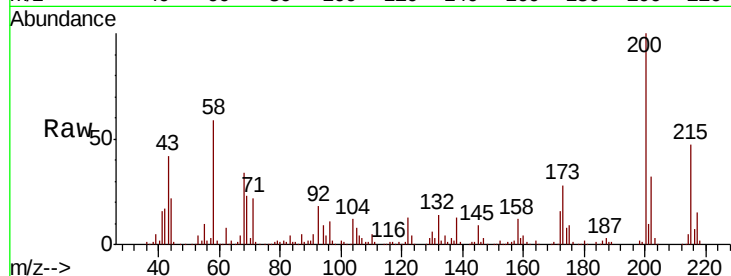
#69
Atrazine
Concen: 43.562 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	6.0	46.0
215	47.3	28.4	68.4

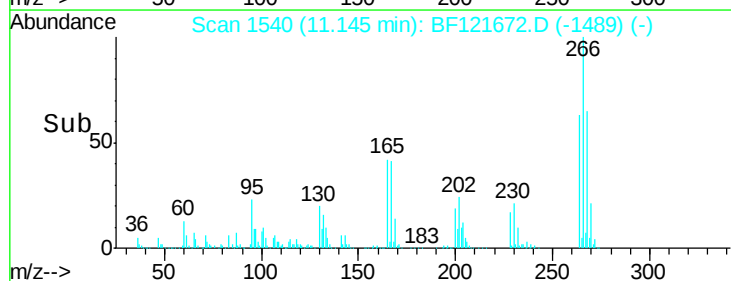
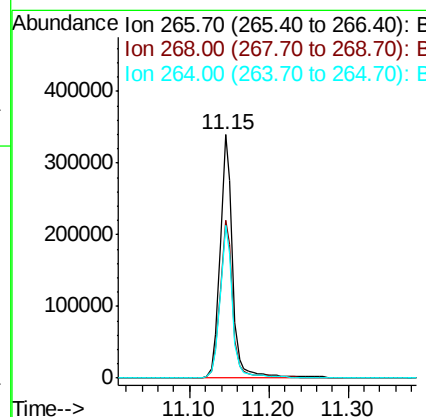
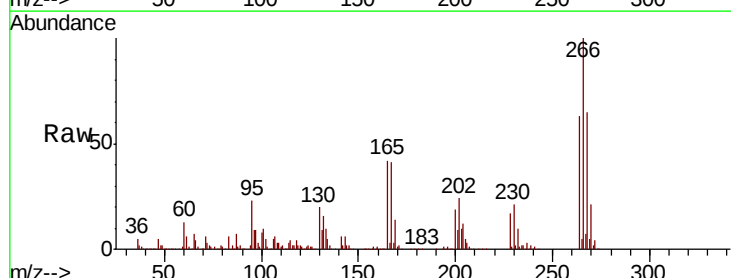
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#70
Pentachlorophenol
Concen: 89.167 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	54.6	81.8
264	62.7	51.1	76.7





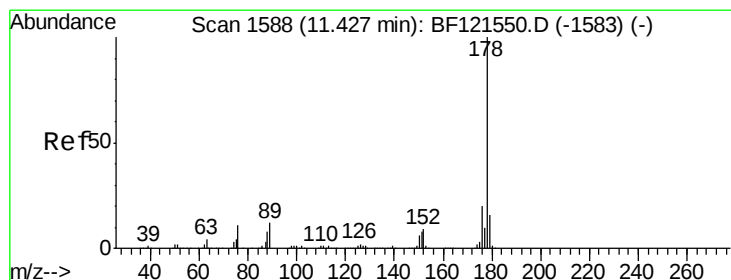
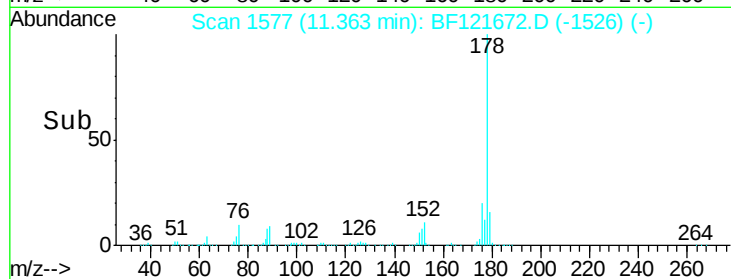
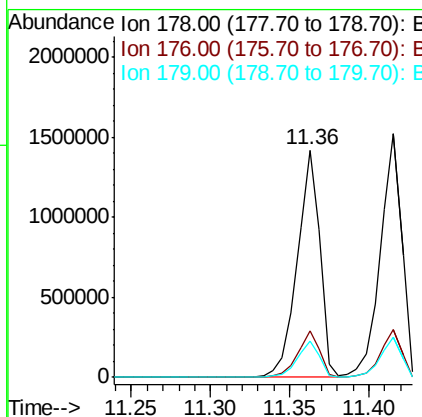
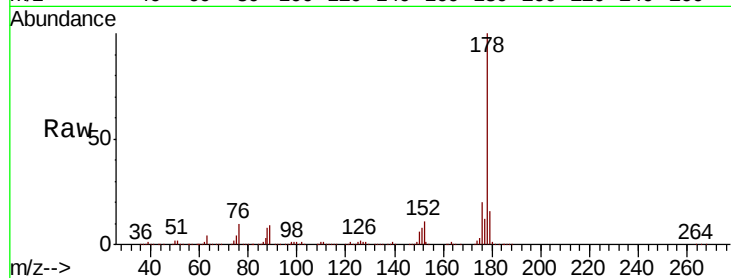
#71
Phenanthrene
Concen: 42.712 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MS

Tot Ion:178 Resp: 1394328
Ion Ratio Lower Upper
178 100
176 20.3 15.9 23.9
179 15.8 12.6 18.8

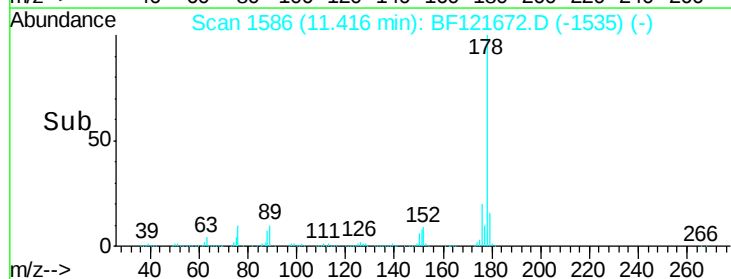
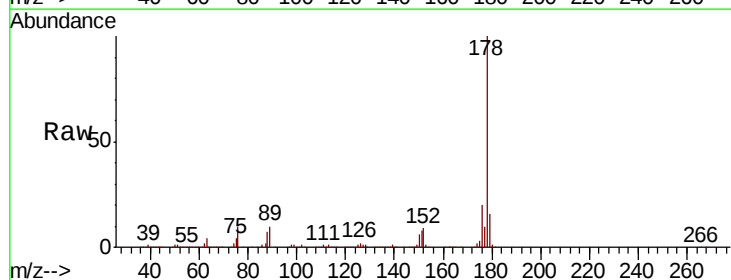
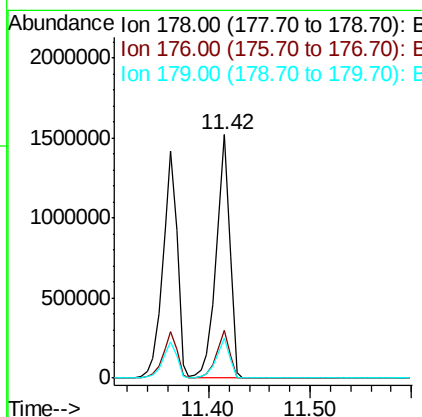
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#72
Anthracene
Concen: 42.590 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Tgt Ion:178 Resp: 1434790
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 16.2 12.6 19.0





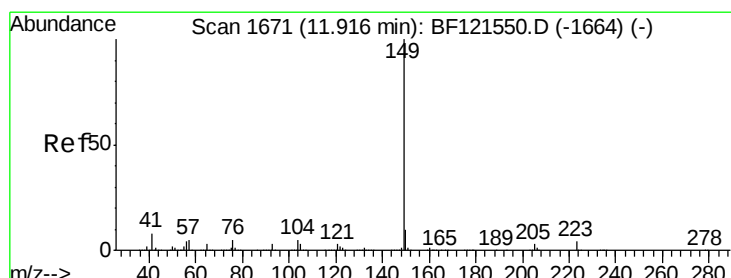
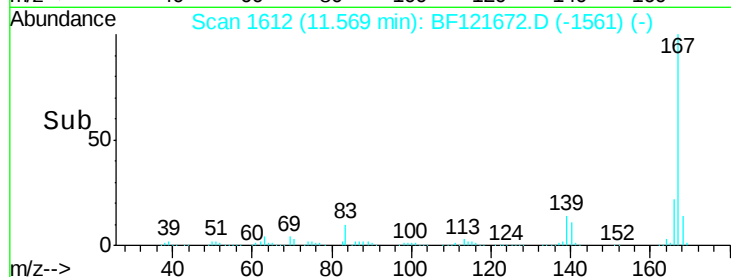
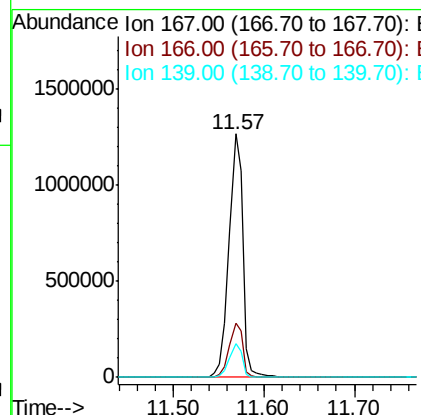
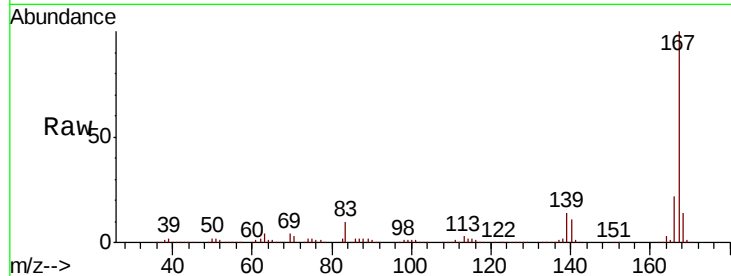
#73
 Carbazole
 Concen: 43.282 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF121672.D
 Acq: 23 Sep 2020 17:41

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MS

Tot Ion:167 Resp: 1315785
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 13.8 10.9 16.3

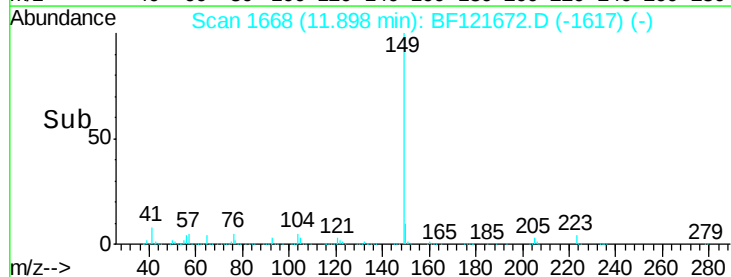
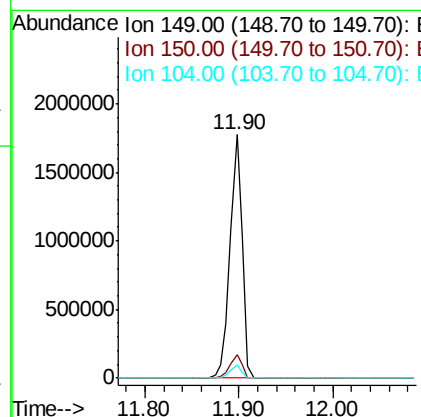
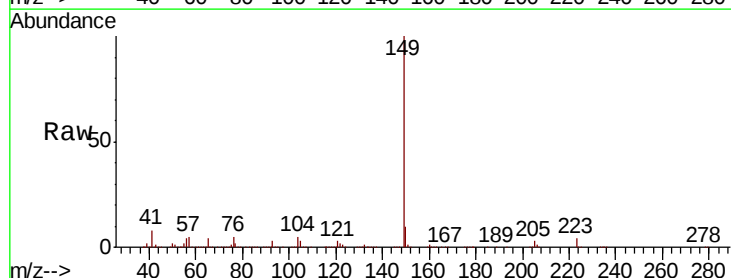
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#74
 Di-n-butylphthalate
 Concen: 45.469 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BF121672.D
 Acq: 23 Sep 2020 17:41

Tgt Ion:149 Resp: 1595389
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.6 11.4
 104 5.4 4.2 6.2





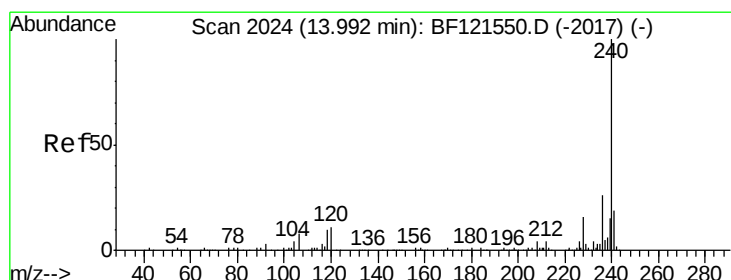
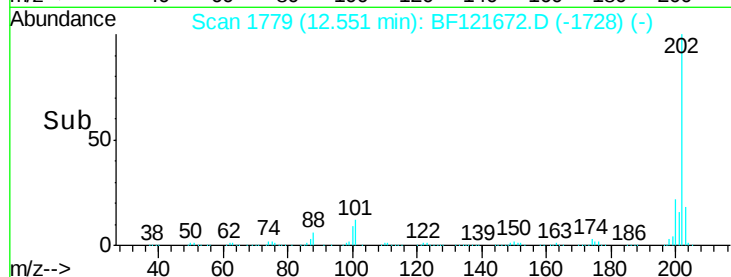
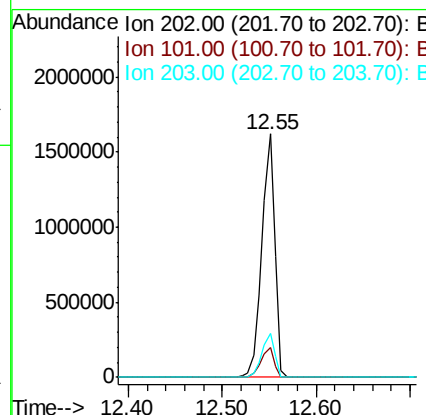
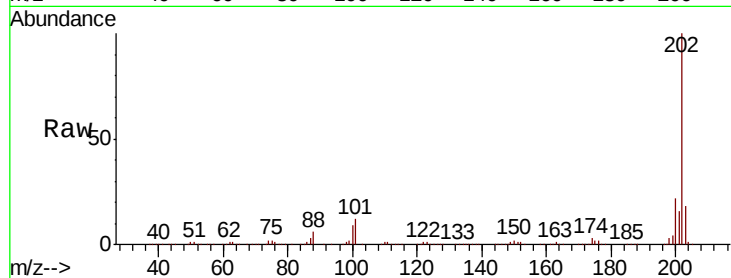
#75
Fluoranthene
Concen: 44.780 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.9
203	17.9	0.0	37.8

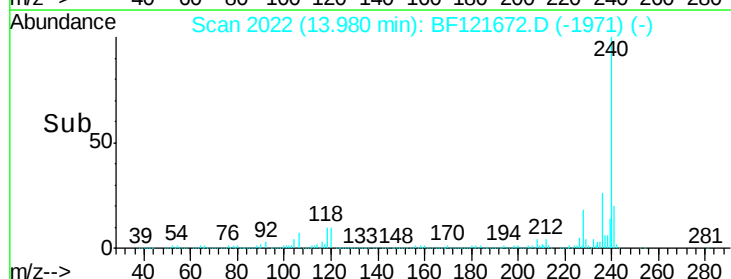
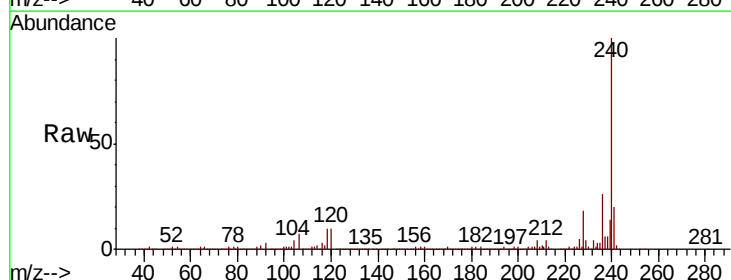
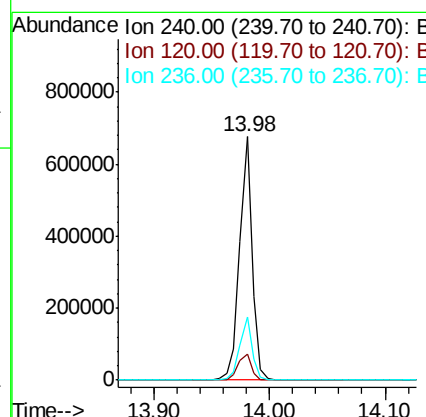
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.2	13.8
236	25.9	20.4	30.6





#77

Benzidine

Concen: 8.269 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF121672.D

Acq: 23 Sep 2020 17:41

Instrument :

BNA_F

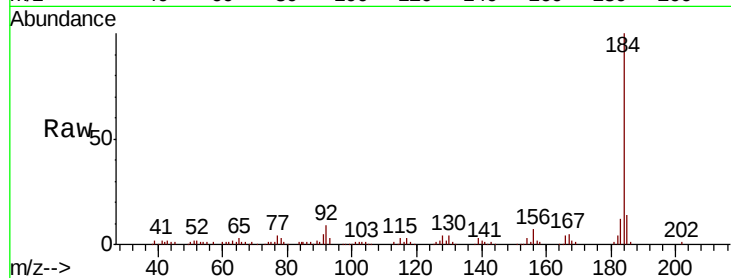
ClientSampleId :

HD-01-092220MS

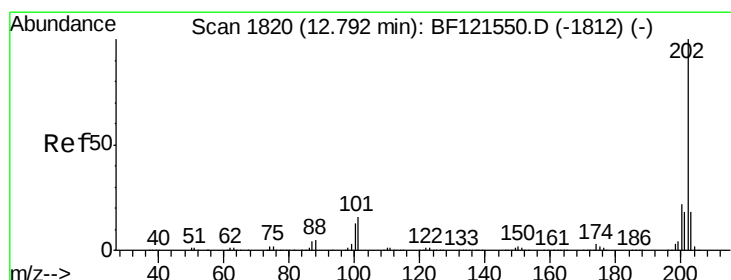
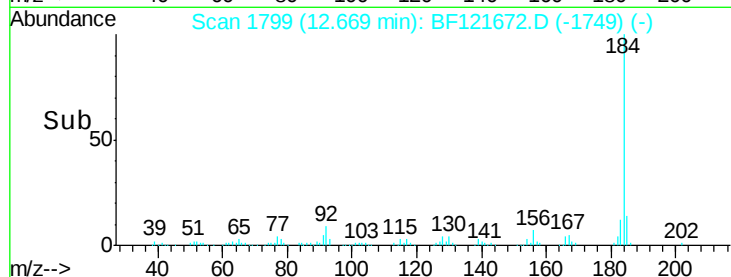
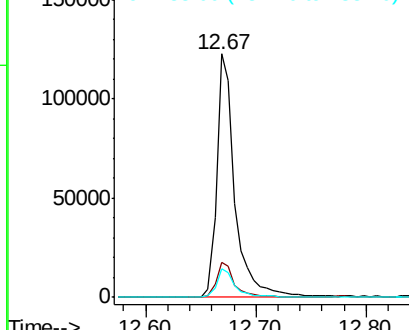
Tot Ion:	184	Resp:	139818
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.5	17.3
183	11.7	9.6	14.4

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



#78

Pyrene

Concen: 42.506 ng

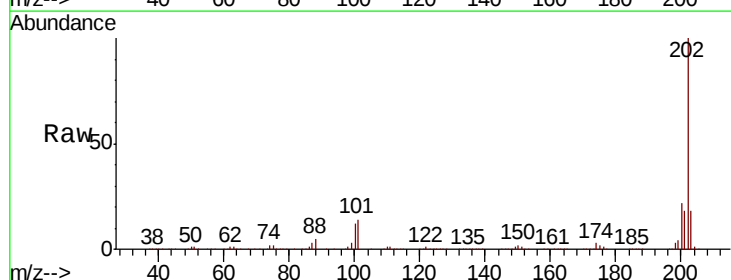
RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

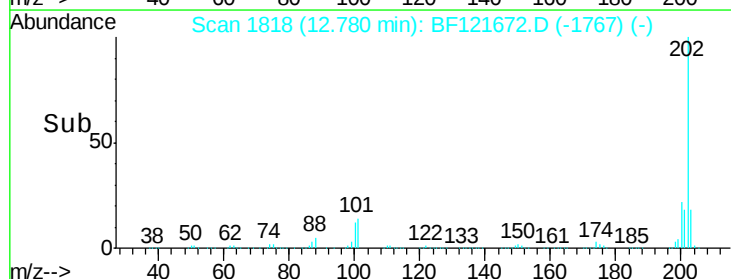
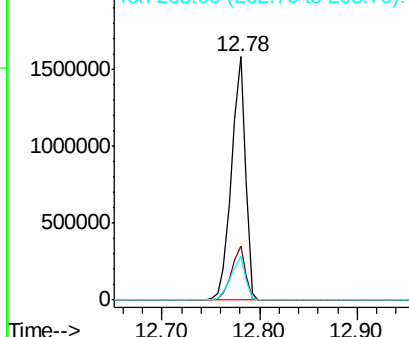
Lab File: BF121672.D

Acq: 23 Sep 2020 17:41

Tgt Ion:	202	Resp:	1583991
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.8	26.6
203	18.1	14.4	21.6



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





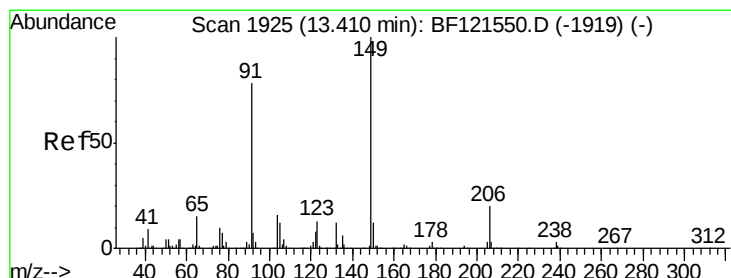
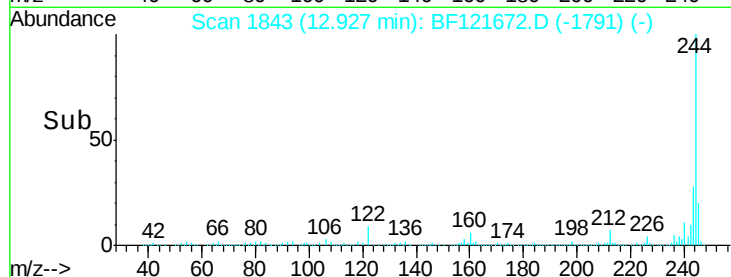
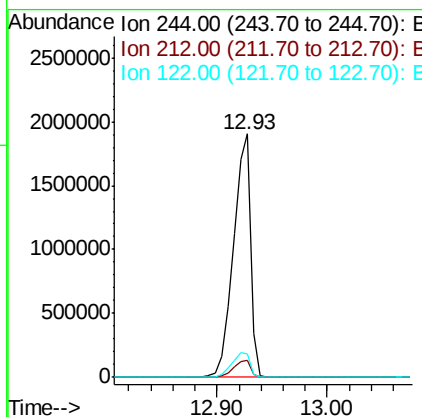
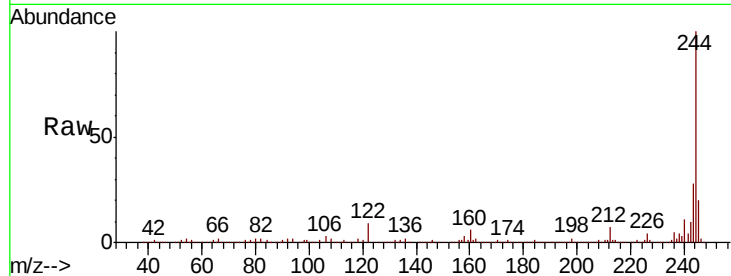
#79
 Terphenyl-d14
 Concen: 82.462 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF121672.D
 Acq: 23 Sep 2020 17:41

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	9.5	7.4	11.0

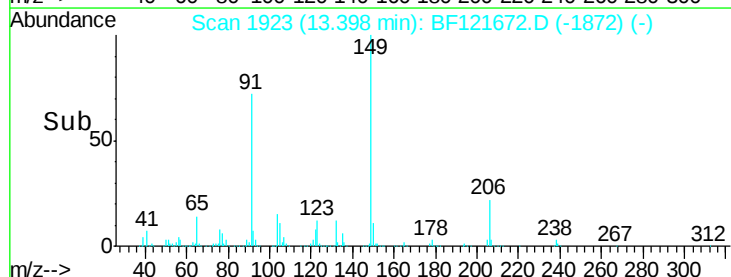
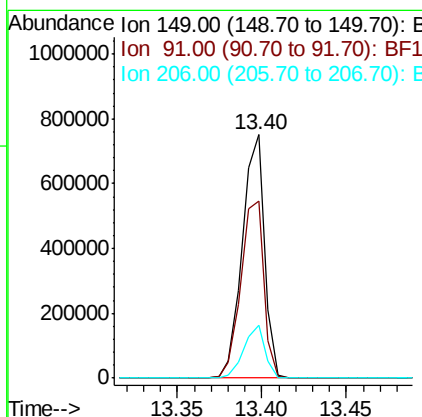
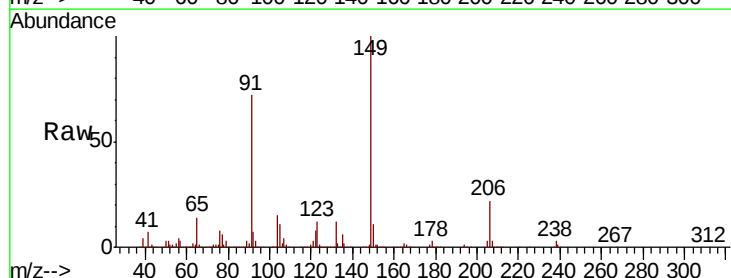
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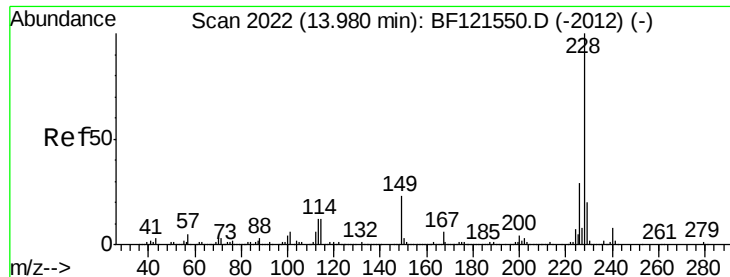
mohammad
 9/24/2020 10:46:35 AM



#80
 Butylbenzylphthalate
 Concen: 45.783 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF121672.D
 Acq: 23 Sep 2020 17:41

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.5	61.0	91.4
206	21.6	16.6	25.0





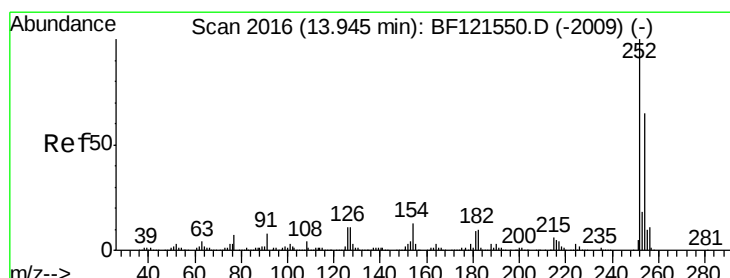
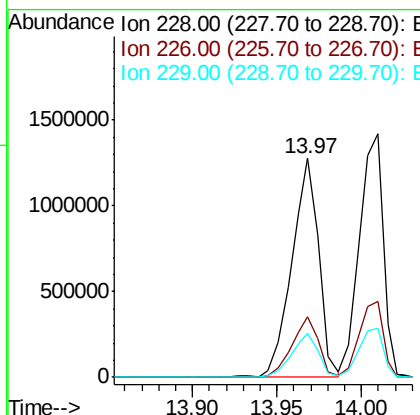
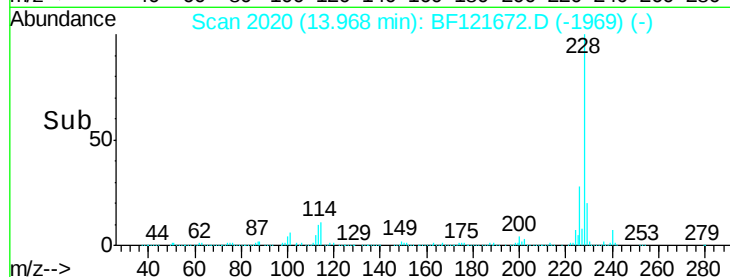
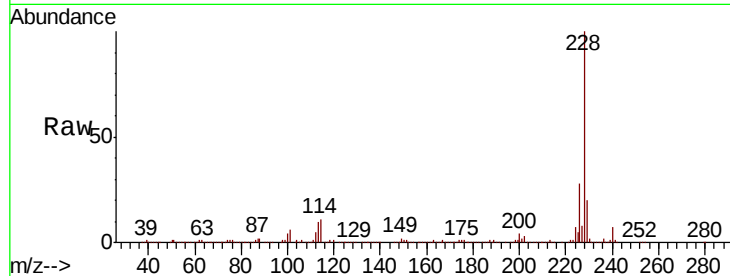
#81
Benzo(a)anthracene
Concen: 43.769 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.2	16.2	24.2

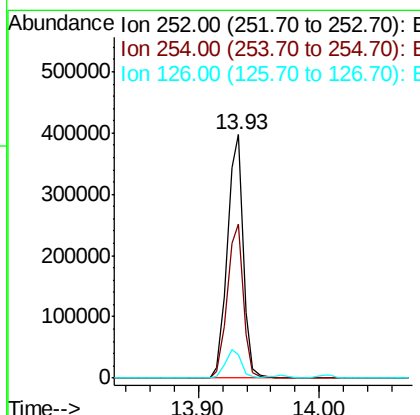
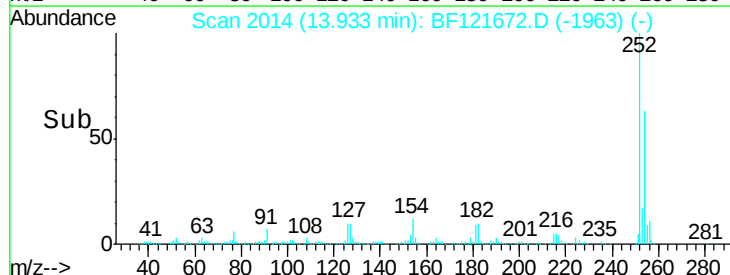
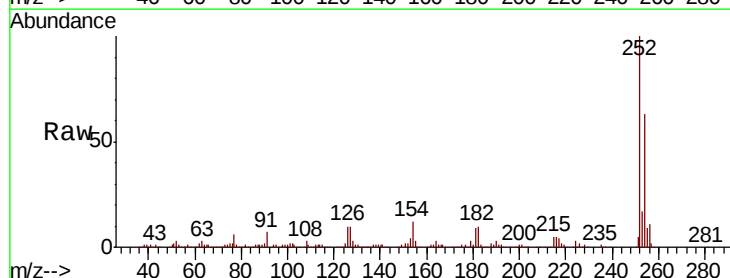
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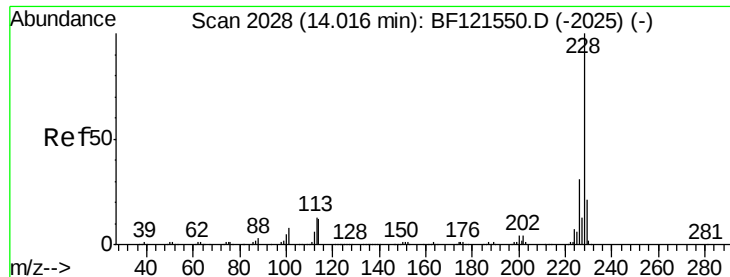
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 28.957 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.0	76.4
126	9.8	8.6	13.0





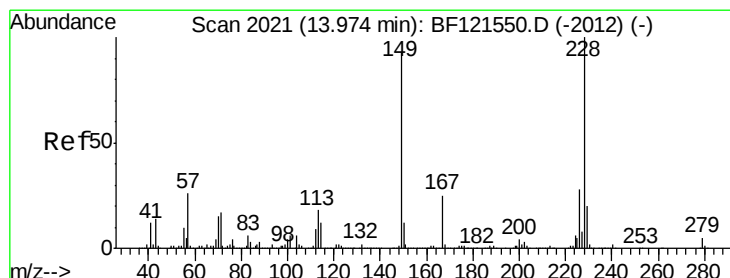
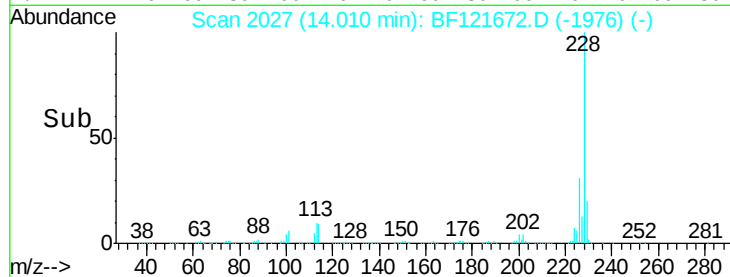
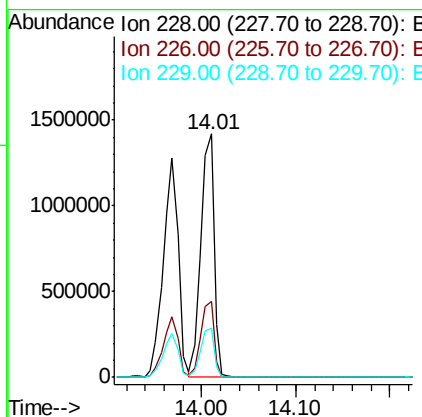
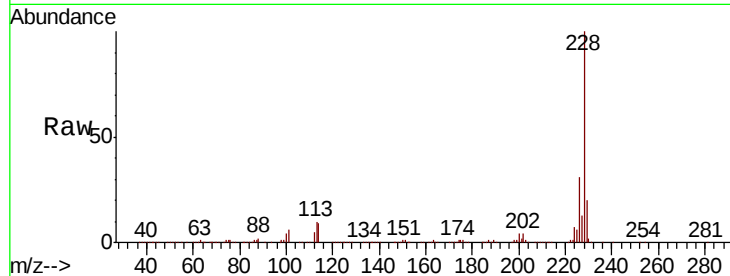
#83
 Chrysene
 Concen: 42.673 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF121672.D
 Acq: 23 Sep 2020 17:41

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.4
229	20.3	16.0	24.0

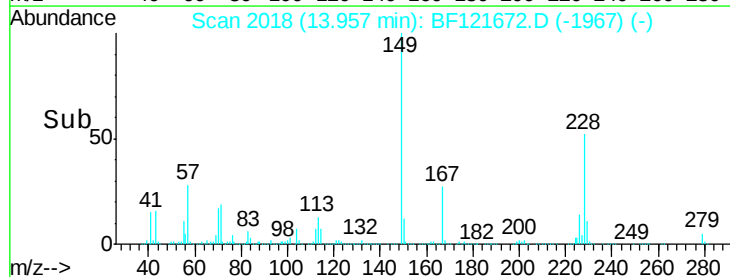
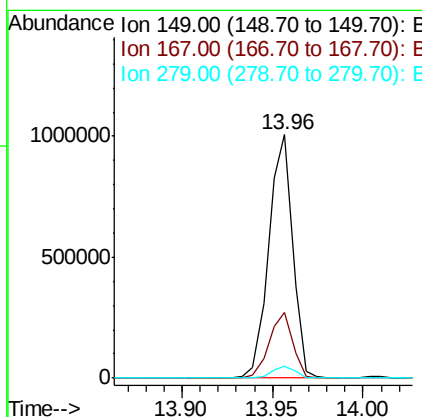
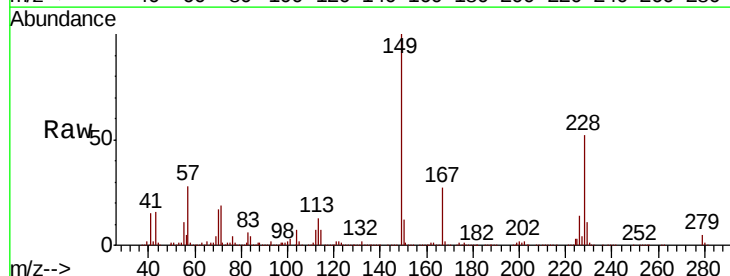
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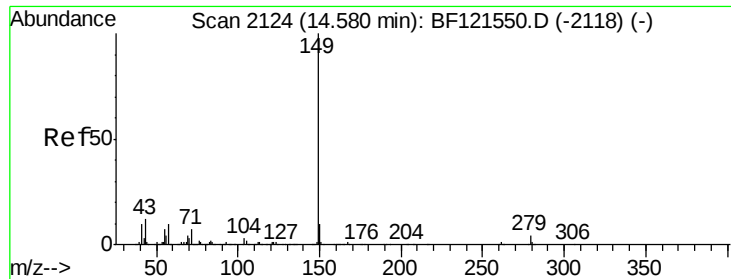
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.806 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF121672.D
 Acq: 23 Sep 2020 17:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	5.0	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 45.781 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BF121672.D

Acq: 23 Sep 2020 17:41

Instrument :

BNA_F

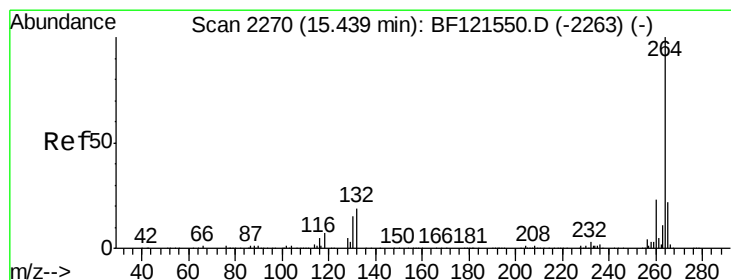
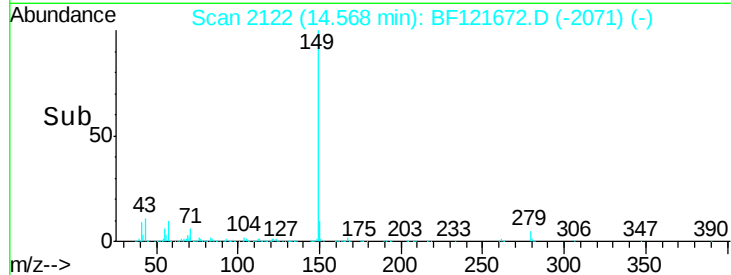
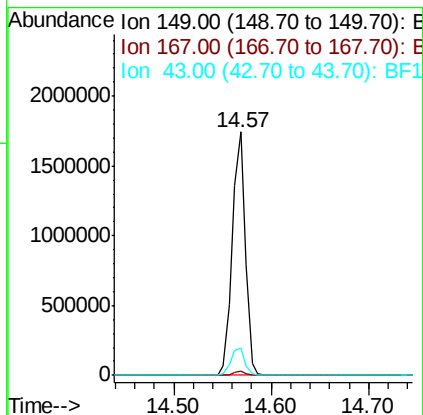
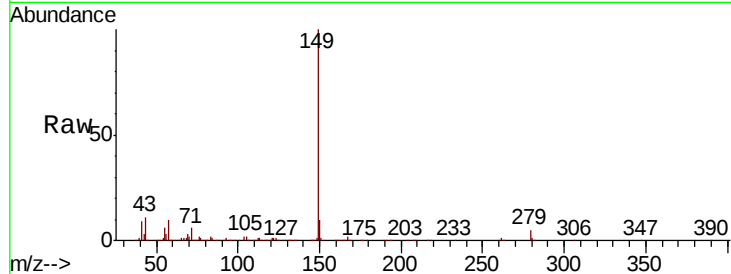
ClientSampleId :

HD-01-092220MS

Tot Ion:	149	Resp:	1626709
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.3	9.0	13.4

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#86

Perylene-d12

Concen: 20.000 ng

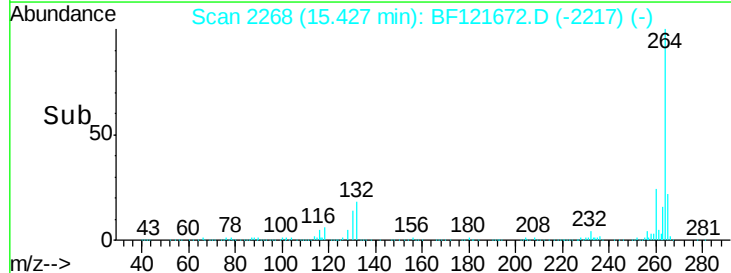
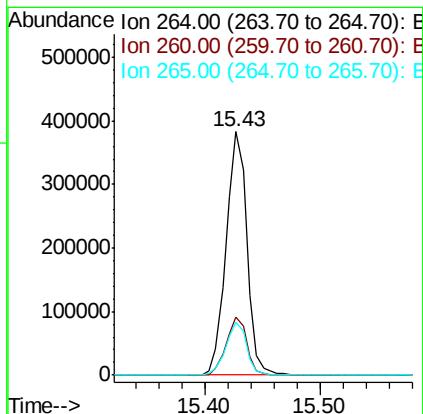
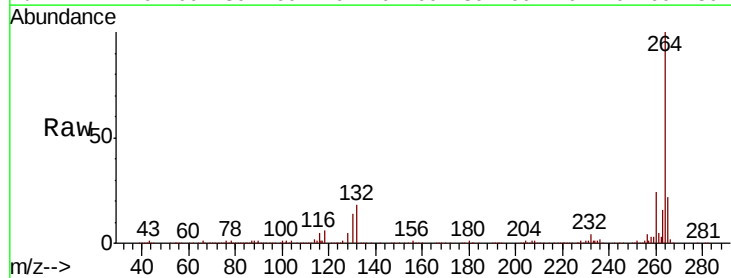
RT: 15.43 min Scan# 2268

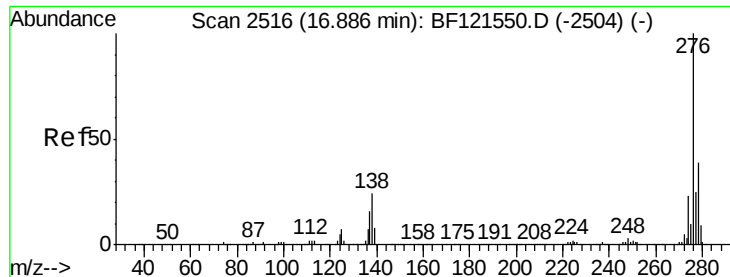
Delta R.T. 0.00 min

Lab File: BF121672.D

Acq: 23 Sep 2020 17:41

Tgt Ion:	264	Resp:	480582
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.8	17.3	25.9





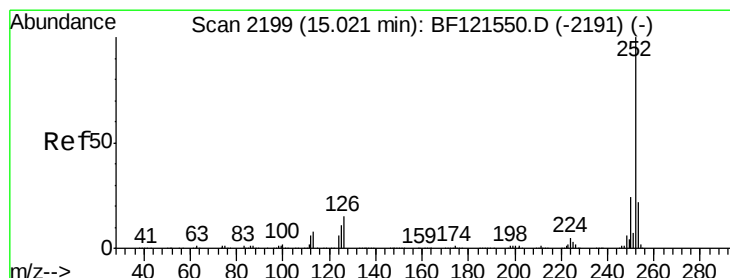
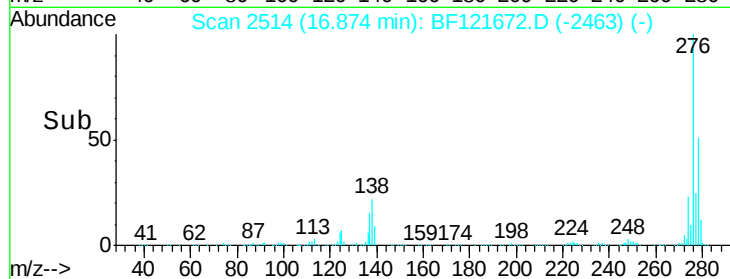
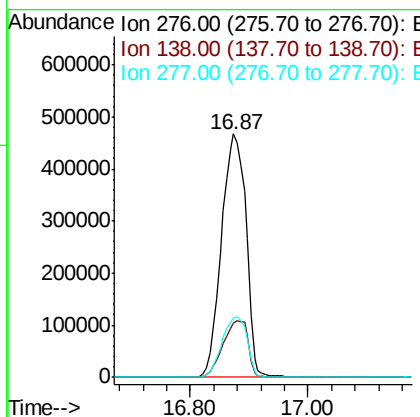
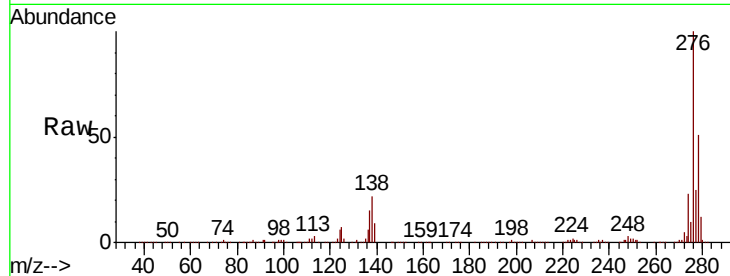
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.482 ng
 RT: 16.87 min Scan# 2514
 Delta R.T. 0.00 min
 Lab File: BF121672.D
 Acq: 23 Sep 2020 17:41

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.0	28.6
277	25.3	20.2	30.2

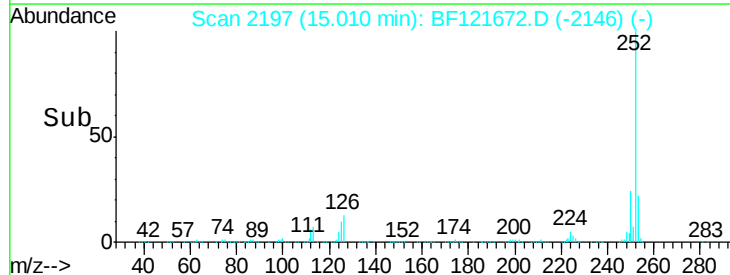
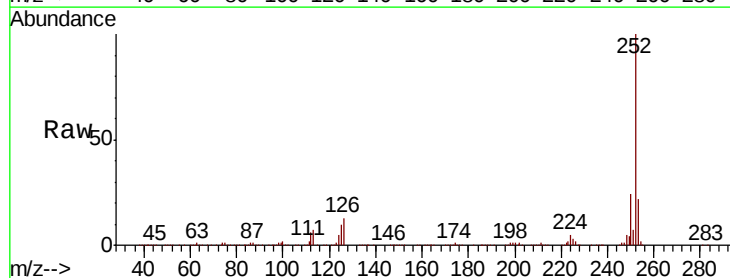
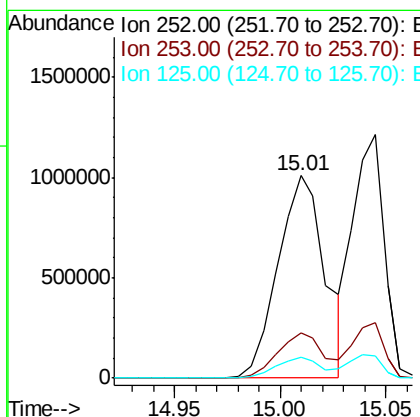
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#88
 Benzo(b)fluoranthene
 Concen: 48.651 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: BF121672.D
 Acq: 23 Sep 2020 17:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	10.1	8.5	12.7





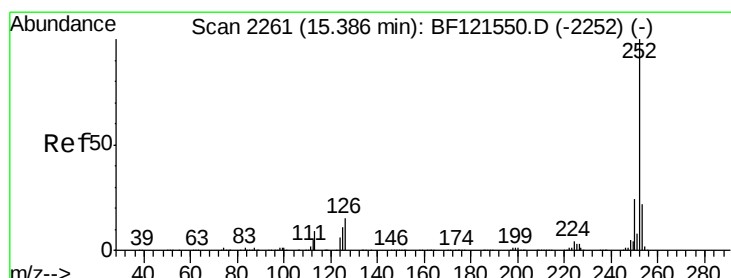
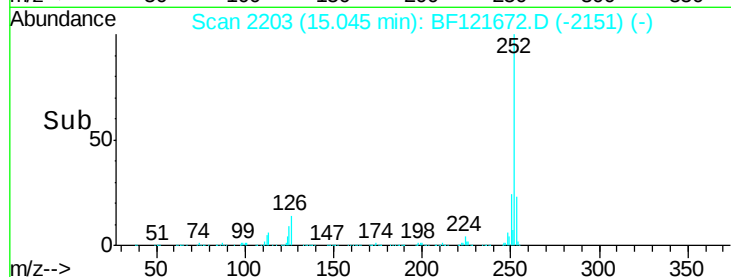
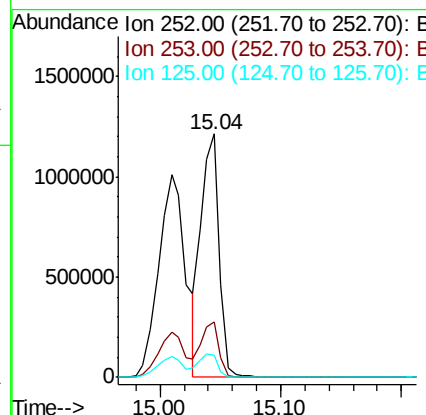
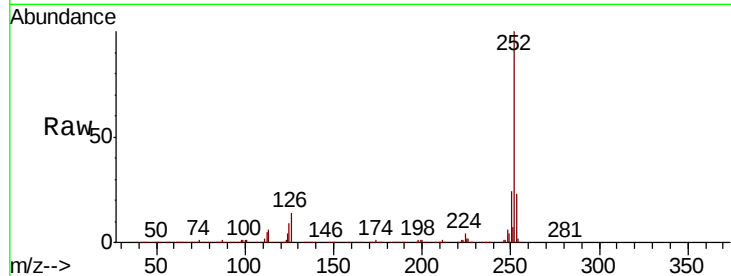
#89
Benzo(k)fluoranthene
Concen: 42.947 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MS

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.6	17.8	26.8	
125	9.4	8.4	12.6	

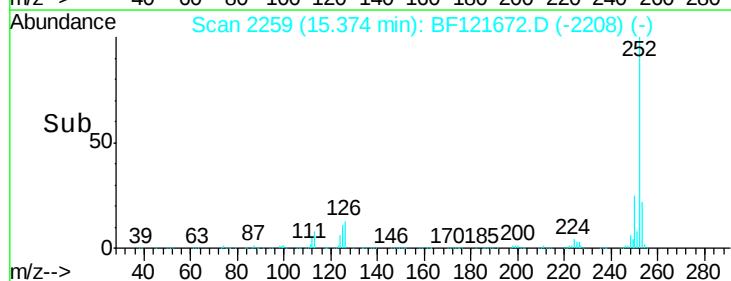
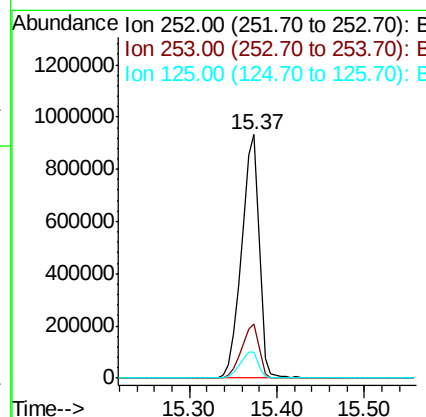
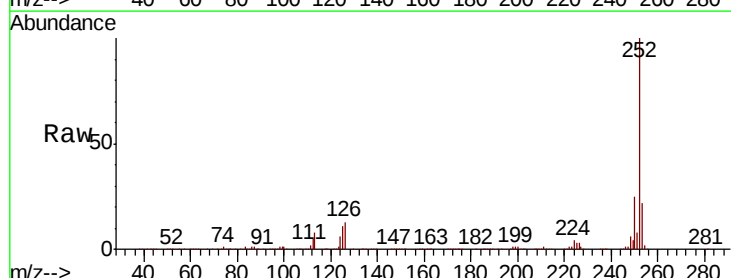
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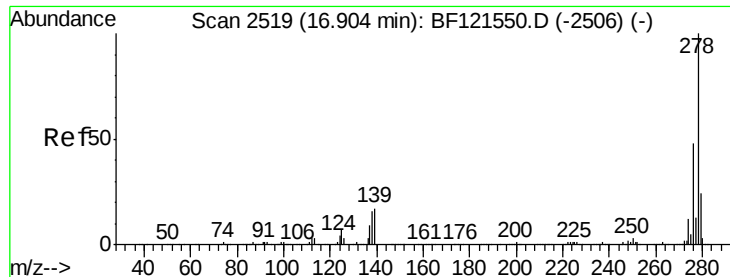
mohammad
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#90
Benzo(a)pyrene
Concen: 45.917 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.0	17.4	26.2	
125	10.9	9.1	13.7	





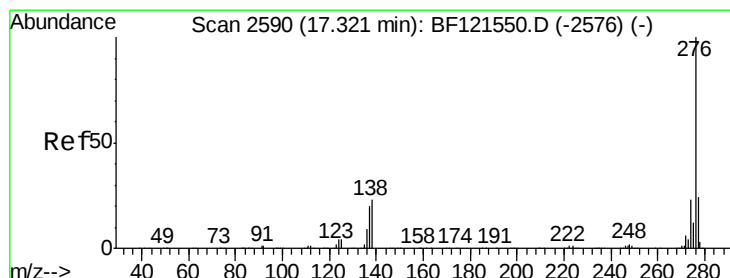
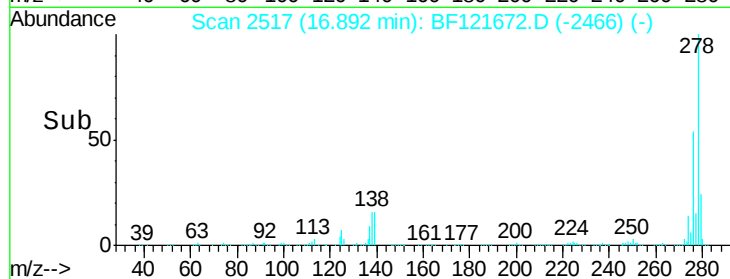
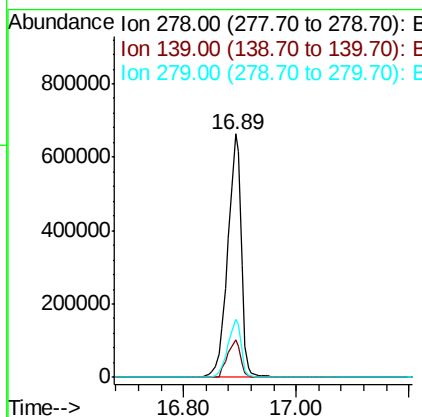
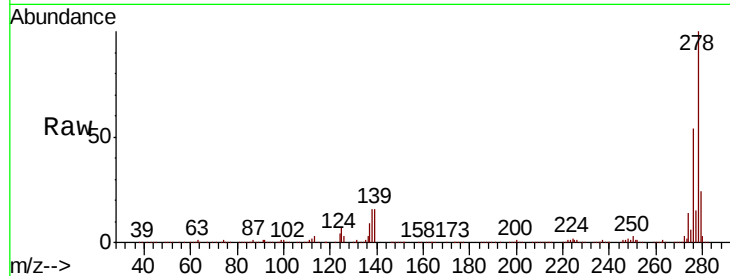
#91
Dibenzo(a,h)anthracene
Concen: 42.721 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.0	18.0
279	23.9	19.4	29.2

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#92
Benzo(g,h,i)perylene
Concen: 42.869 ng
RT: 17.32 min Scan# 2589
Delta R.T. 0.00 min
Lab File: BF121672.D
Acq: 23 Sep 2020 17:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.3	28.9
138	20.5	16.9	25.3

