

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111820\
 Data File : BF122372.D
 Acq On : 18 Nov 2020 17:31
 Operator : JU/CG
 Sample : L4771-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CD-BH-02-4-5

Quant Time: Nov 19 00:39:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 12:25:42 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

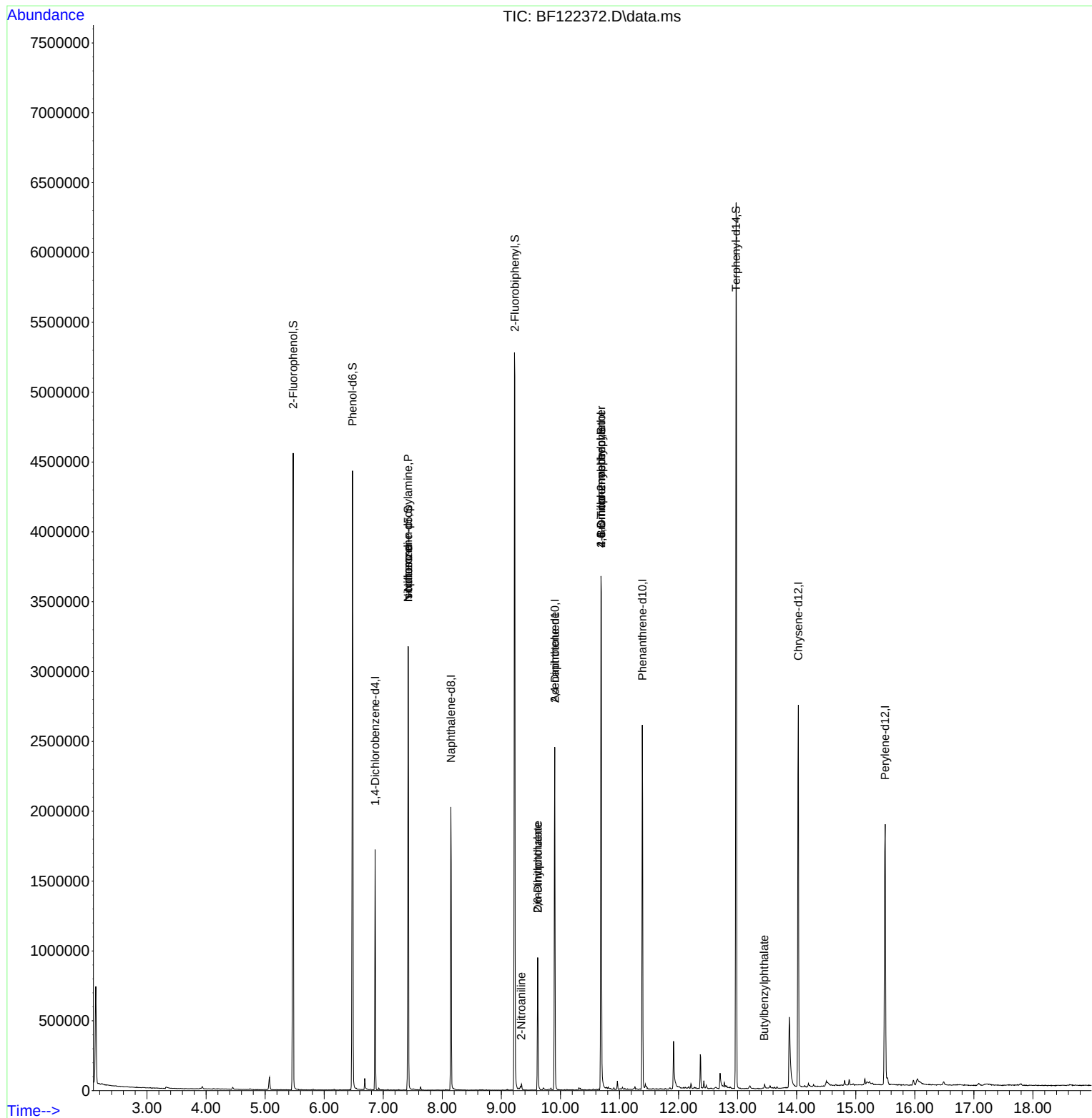
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	229113	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	885635	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	487646	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	947215	20.00	ng	0.00
76) Chrysene-d12	14.027	240	939222	20.00	ng	0.00
86) Perylene-d12	15.498	264	911935	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1266596	84.89	ng	0.00
7) Phenol-d6	6.481	99	1640571	84.05	ng	-0.01
23) Nitrobenzene-d5	7.422	82	993393	68.67	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	522029	99.74	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1782005	57.10	ng	0.00
79) Terphenyl-d14	12.974	244	2082648	46.98	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.487	77	2544	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	133054	11.41	ng	# 76
25) Isophorone	7.422	82	986295	30.58	ng	# 67
48) 2-Nitroaniline	9.339	65	177	5.19	ng	# 6
50) Dimethylphthalate	9.616	163	383883	11.07	ng	100
51) 2,6-Dinitrotoluene	9.616	165	3905	4.28	ng	# 27
57) 2,4-Dinitrotoluene	9.904	165	63835	10.64	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.692	198	1153	6.50	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	32943	2.96	ng	# 1
80) Butylbenzylphthalate	13.451	149	142	3.29	ng	# 81

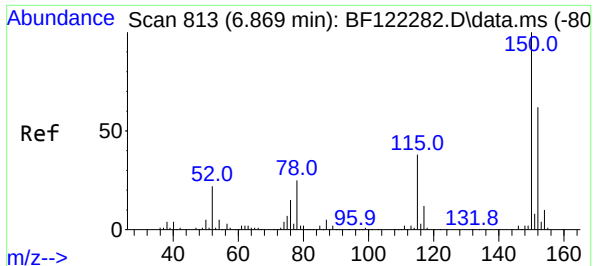
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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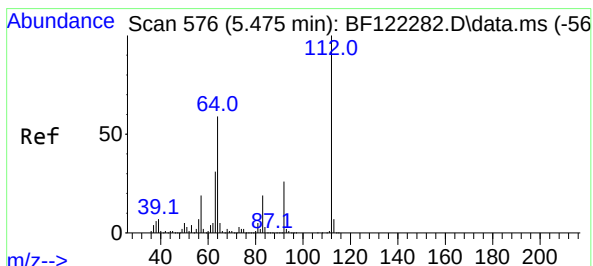
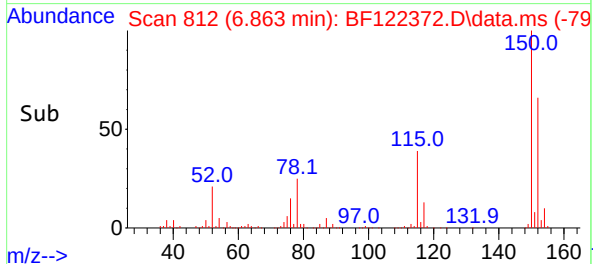
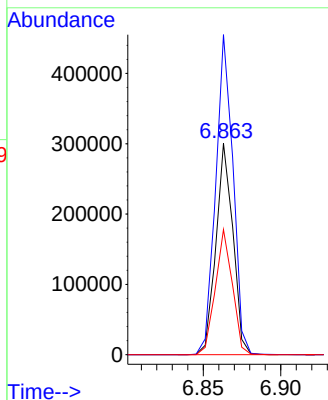
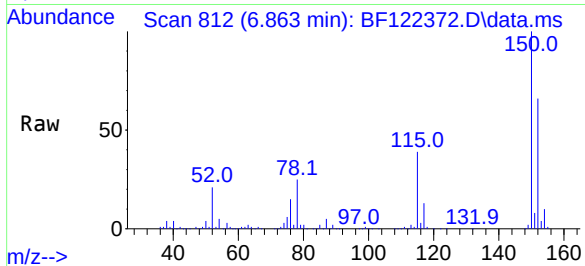




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122372.D
Acq: 18 Nov 2020 17:31

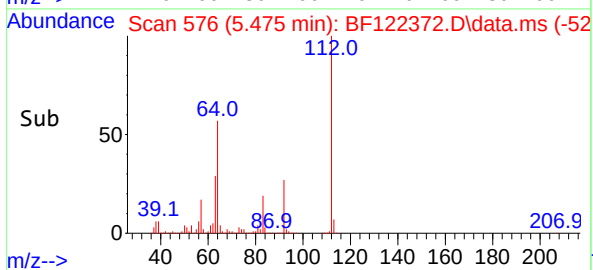
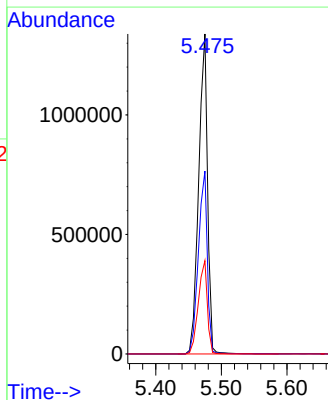
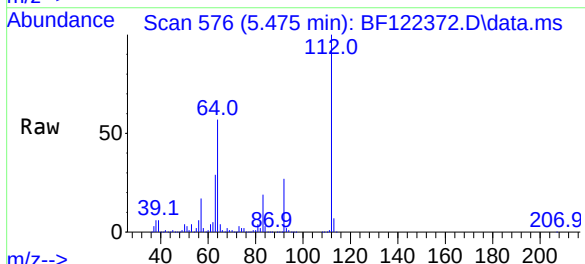
Instrument :
BNA_F
ClientSampleId :
CD-BH-02-4-5

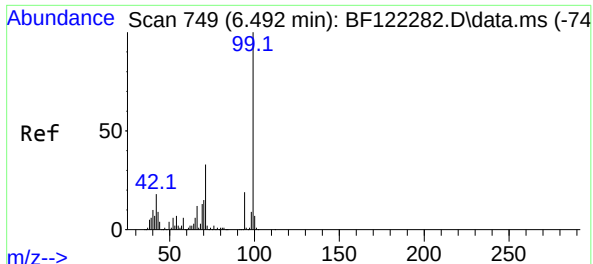
Tgt Ion:152 Resp: 229113
Ion Ratio Lower Upper
152 100
150 151.4 125.3 187.9
115 59.2 51.9 77.9



#5
2-Fluorophenol
Concen: 84.89 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF122372.D
Acq: 18 Nov 2020 17:31

Tgt Ion:112 Resp: 1266596
Ion Ratio Lower Upper
112 100
64 57.2 50.4 75.6
63 29.2 25.8 38.6



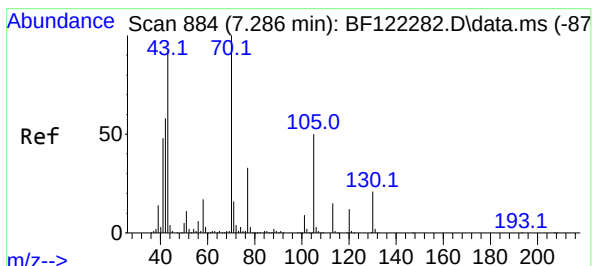
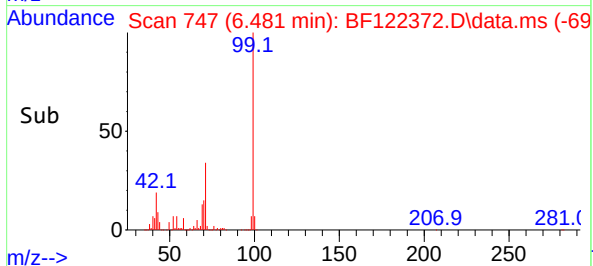
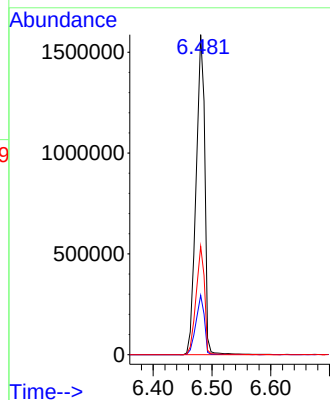
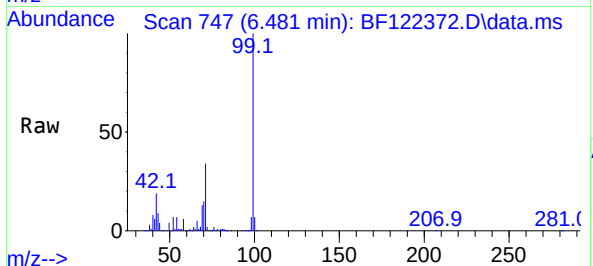


#7
Phenol-d6
Concen: 84.05 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.011 min
Lab File: BF122372.D
Acq: 18 Nov 2020 17:31

Instrument :
BNA_F
ClientSampleId :
CD-BH-02-4-5

Tgt Ion: 99 Resp: 1640571

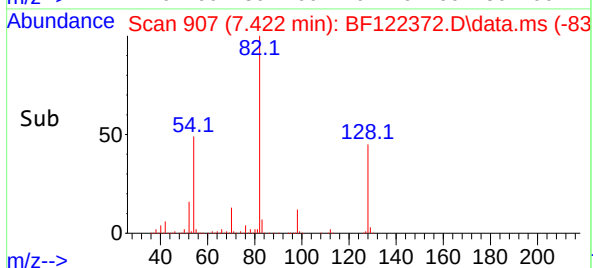
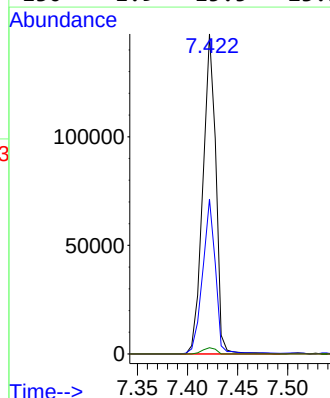
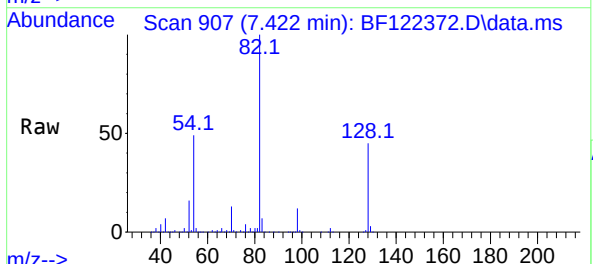
Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.9	23.9
71	33.9	27.1	40.7

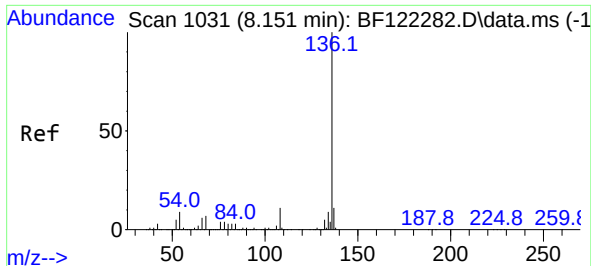


#19
n-Nitroso-di-n-propylamine
Concen: 11.41 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.136 min
Lab File: BF122372.D
Acq: 18 Nov 2020 17:31

Tgt Ion: 70 Resp: 133054

Ion	Ratio	Lower	Upper
70	100		
42	48.4	50.2	75.4#
101	0.0	7.5	11.3#
130	1.9	15.5	23.3#



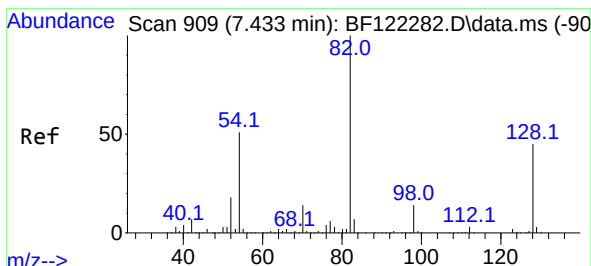
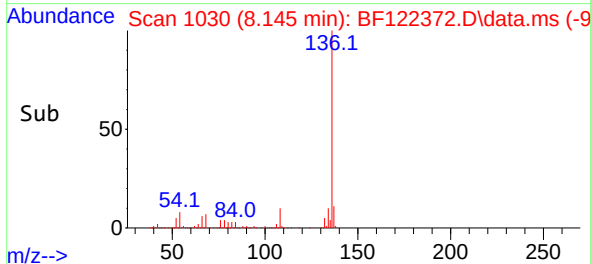
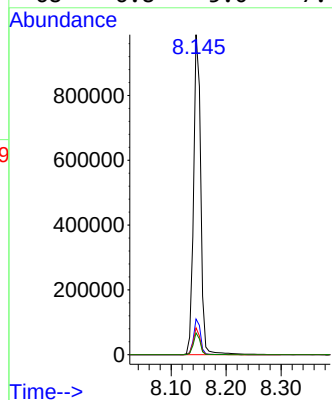
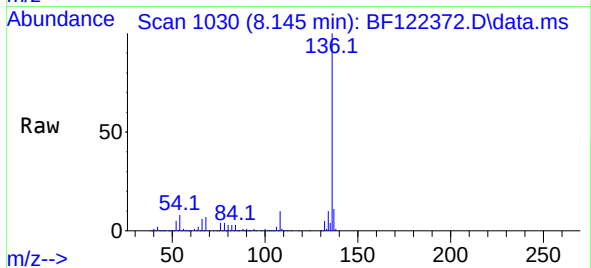


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF122372.D
Acq: 18 Nov 2020 17:31

Instrument :
BNA_F
ClientSampleId :
CD-BH-02-4-5

Tgt Ion:136 Resp: 885635

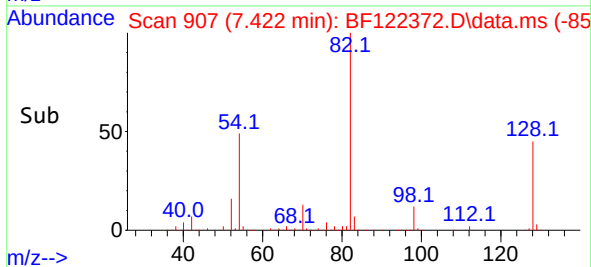
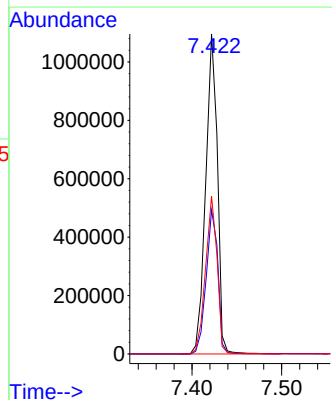
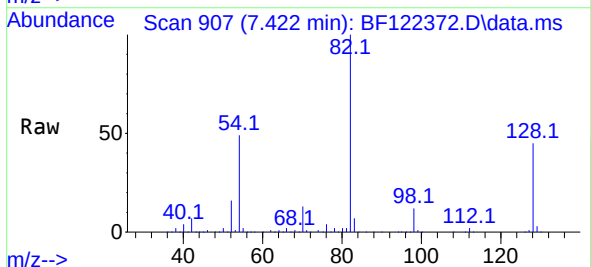
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.4	7.1	10.7
68	6.8	5.0	7.4

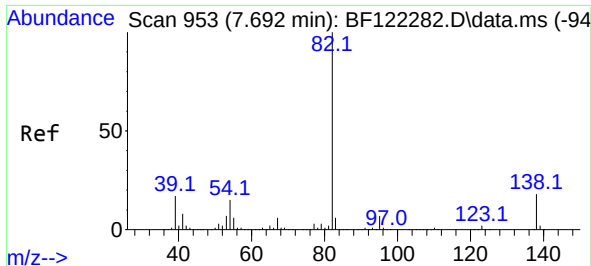


#23
Nitrobenzene-d5
Concen: 68.67 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.011 min
Lab File: BF122372.D
Acq: 18 Nov 2020 17:31

Tgt Ion: 82 Resp: 993393

Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.0	52.4
54	49.3	43.9	65.9

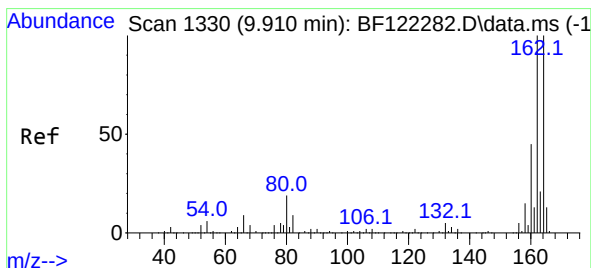
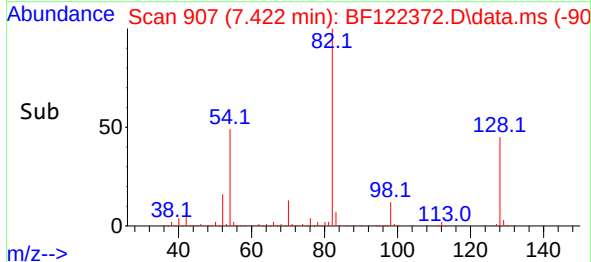
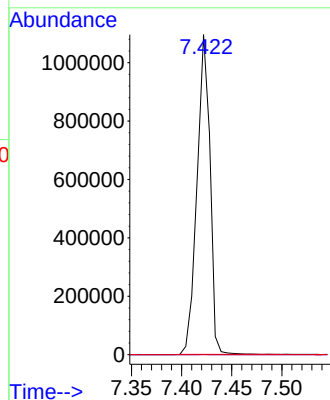
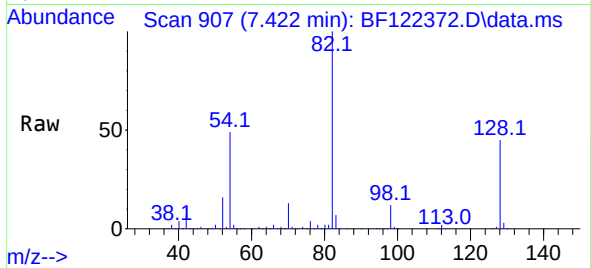




#25
Isophorone
Concen: 30.58 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.270 min
Lab File: BF122372.D
Acq: 18 Nov 2020 17:31

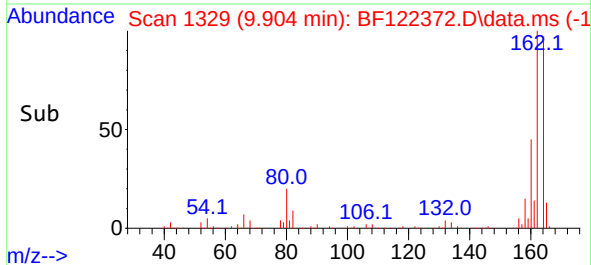
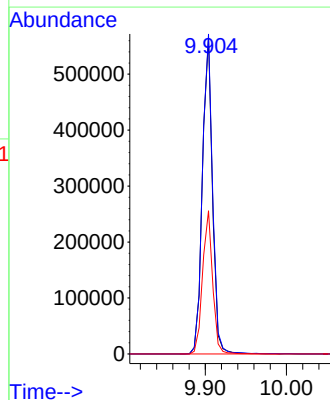
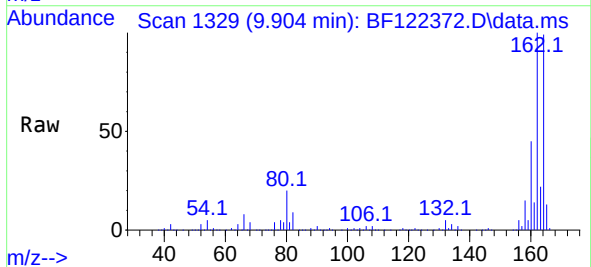
Instrument :
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ClientSampleId :
CD-BH-02-4-5

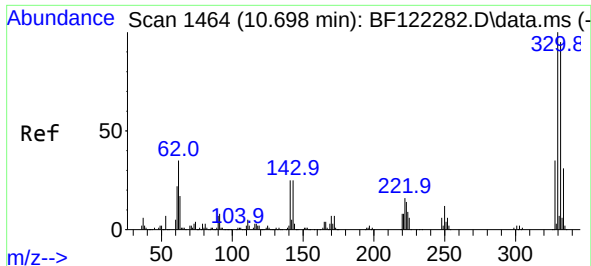
Tgt Ion: 82 Resp: 986295
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122372.D
Acq: 18 Nov 2020 17:31

Tgt Ion: 164 Resp: 487646
Ion Ratio Lower Upper
164 100
162 101.1 83.2 124.8
160 45.2 37.5 56.3

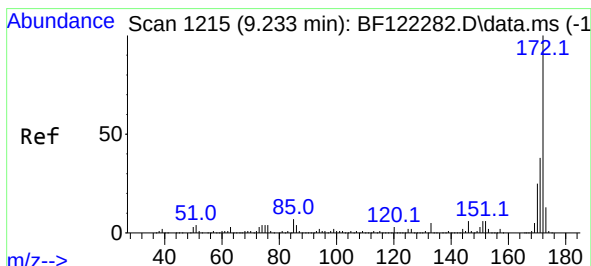
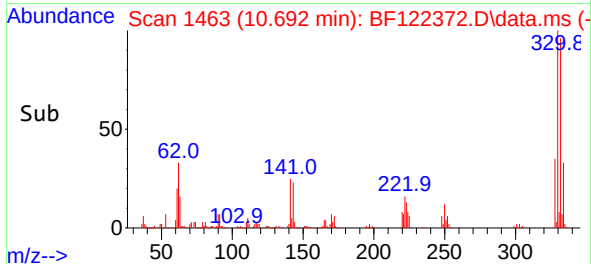
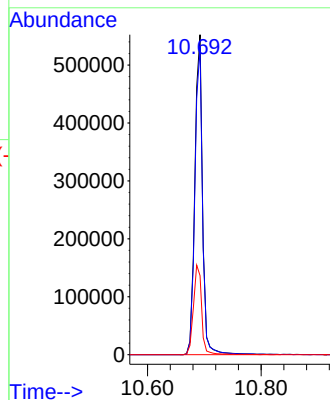
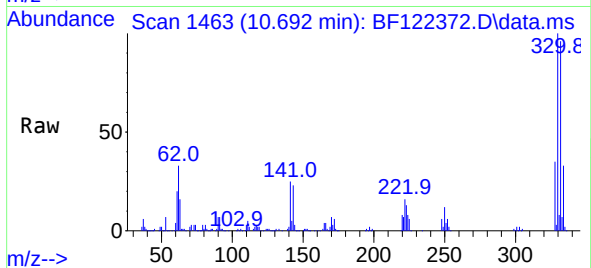




#42
2,4,6-Tribromophenol
Concen: 99.74 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF122372.D
Acq: 18 Nov 2020 17:31

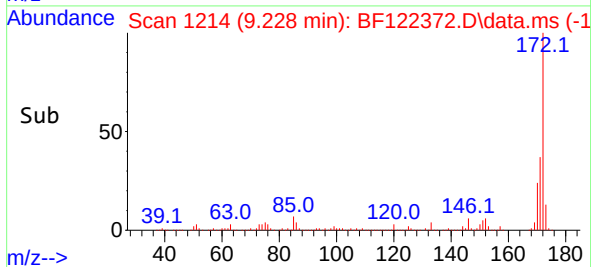
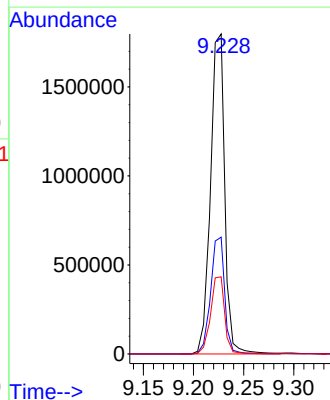
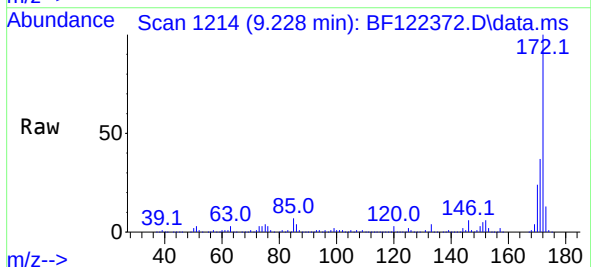
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ClientSampleId :
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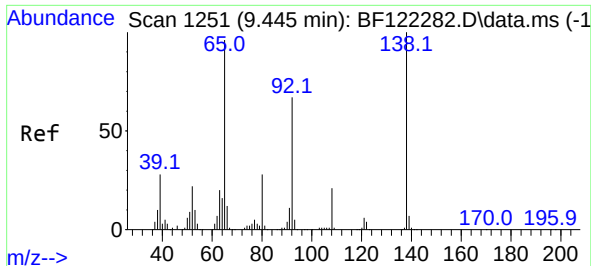
Tgt Ion: 330 Resp: 522029
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 29.8 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 57.10 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122372.D
Acq: 18 Nov 2020 17:31

Tgt Ion: 172 Resp: 1782005
Ion Ratio Lower Upper
172 100
171 36.5 29.1 43.7
170 24.1 19.8 29.6

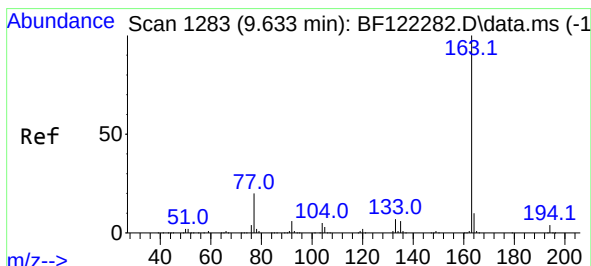
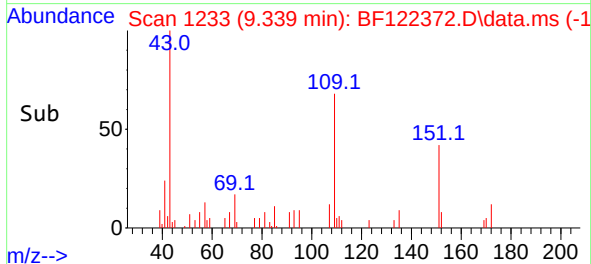
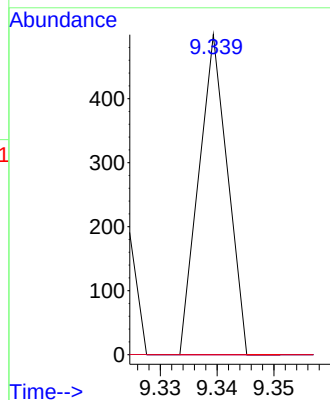
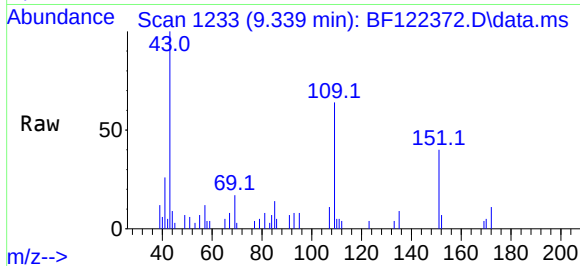




#48
2-Nitroaniline
Concen: 5.19 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.106 min
Lab File: BF122372.D
Acq: 18 Nov 2020 17:31

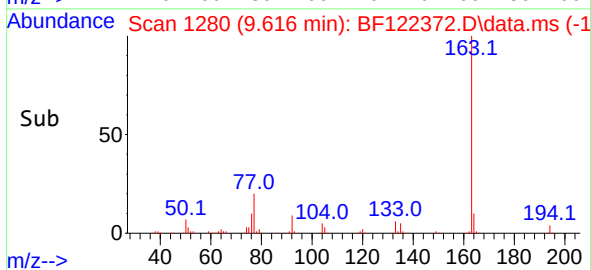
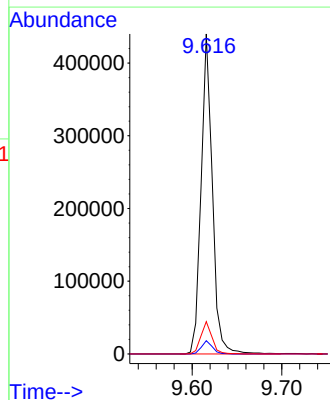
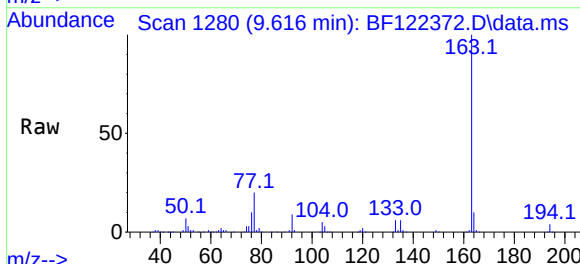
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CD-BH-02-4-5

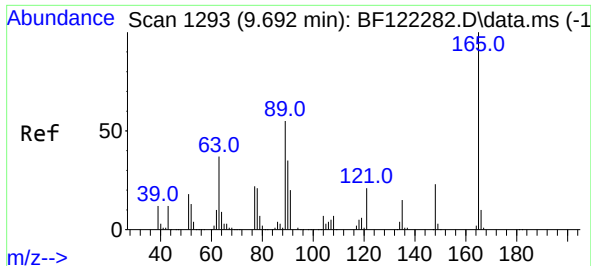
Tgt Ion:	65	Resp:	177
Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.1	82.7#
138	0.0	80.5	120.7#



#50
Dimethylphthalate
Concen: 11.07 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122372.D
Acq: 18 Nov 2020 17:31

Tgt Ion:	163	Resp:	383883
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.1	8.2	12.4

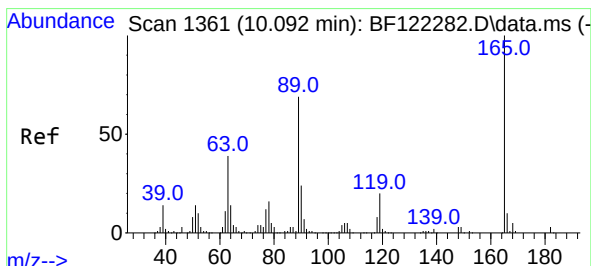
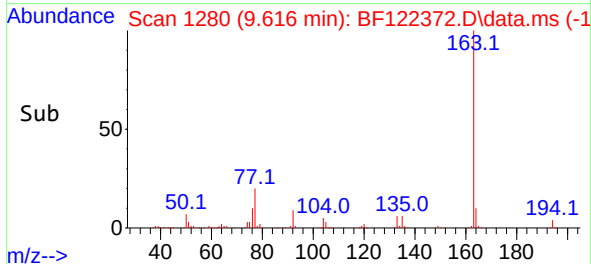
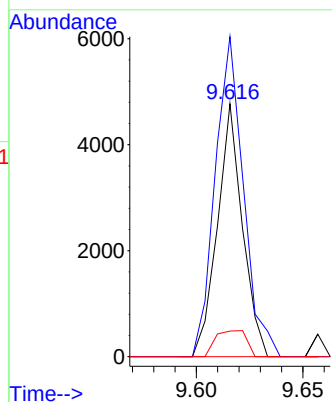
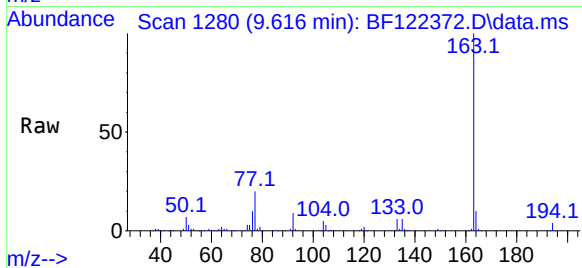




#51
2,6-Dinitrotoluene
Concen: 4.28 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.076 min
Lab File: BF122372.D
Acq: 18 Nov 2020 17:31

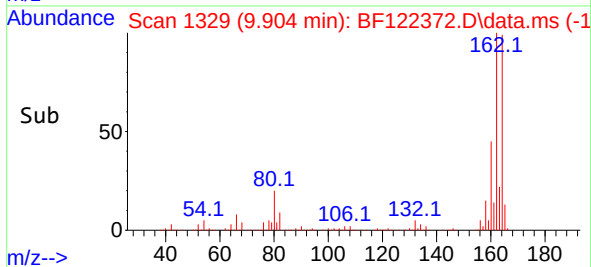
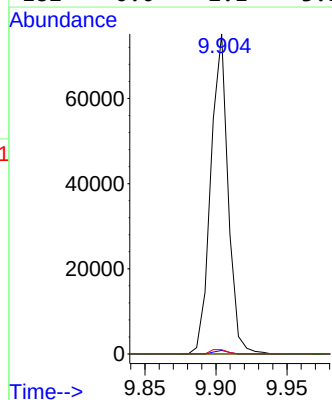
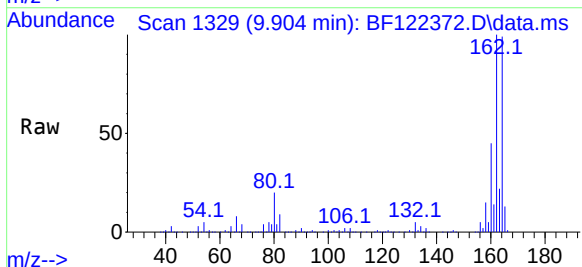
Instrument :
BNA_F
ClientSampleId :
CD-BH-02-4-5

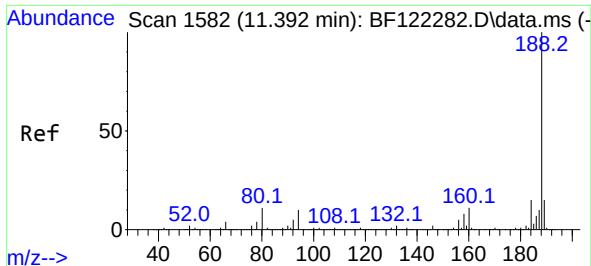
Tgt Ion:165 Resp: 3905
Ion Ratio Lower Upper
165 100
63 126.5 51.8 77.6#
89 10.1 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 10.64 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122372.D
Acq: 18 Nov 2020 17:31

Tgt Ion:165 Resp: 63835
Ion Ratio Lower Upper
165 100
63 1.1 41.3 61.9#
89 1.4 61.8 92.8#
182 0.0 2.1 3.1#

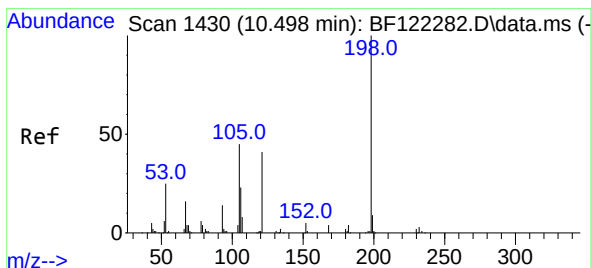
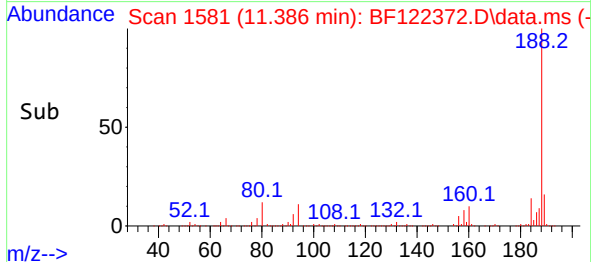
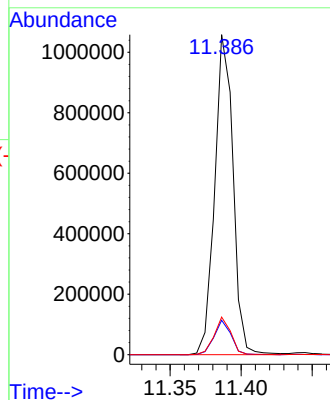
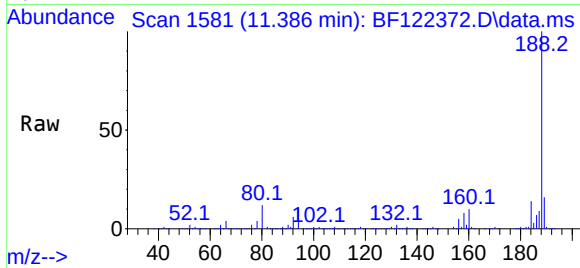




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122372.D
Acq: 18 Nov 2020 17:31

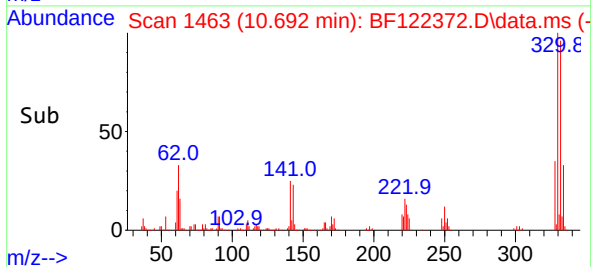
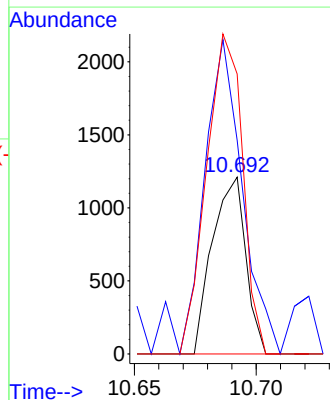
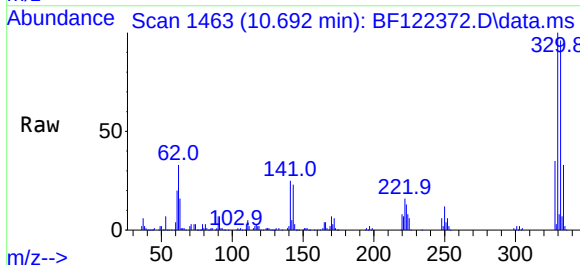
Instrument :
BNA_F
ClientSampleId :
CD-BH-02-4-5

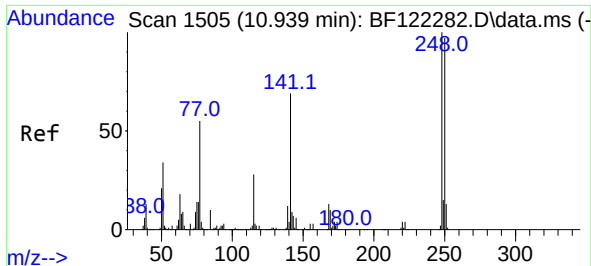
Tgt Ion:188 Resp: 947215
Ion Ratio Lower Upper
188 100
94 10.8 8.3 12.5
80 11.8 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.50 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.194 min
Lab File: BF122372.D
Acq: 18 Nov 2020 17:31

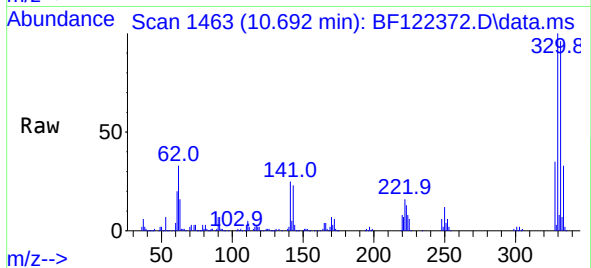
Tgt Ion:198 Resp: 1153
Ion Ratio Lower Upper
198 100
51 120.9 29.6 69.6#
105 158.4 24.4 64.4#



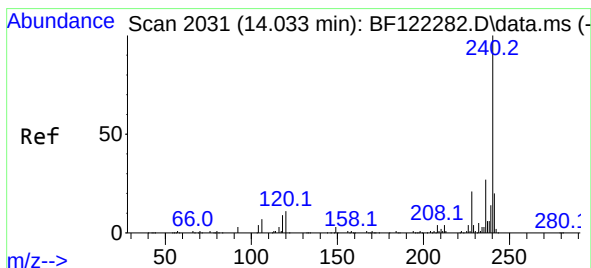
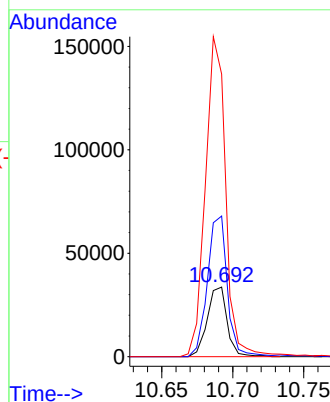
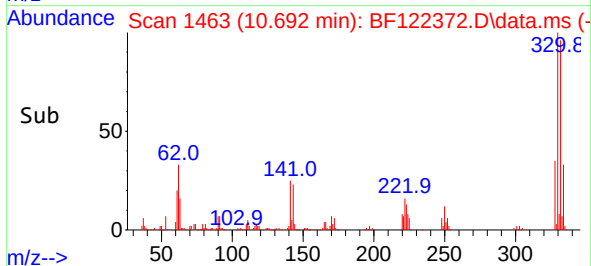


#67
4-Bromophenyl-phenylether
Concen: 2.96 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF122372.D
Acq: 18 Nov 2020 17:31

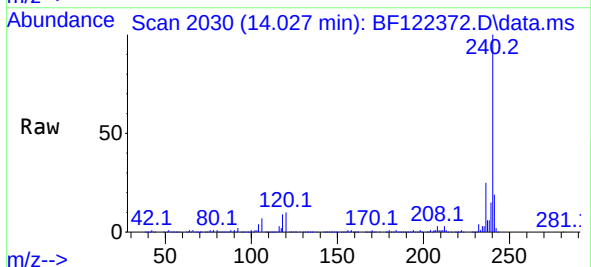
Instrument :
BNA_F
ClientSampleId :
CD-BH-02-4-5



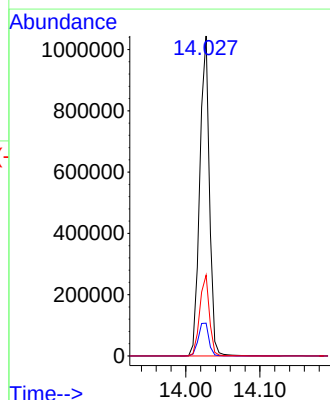
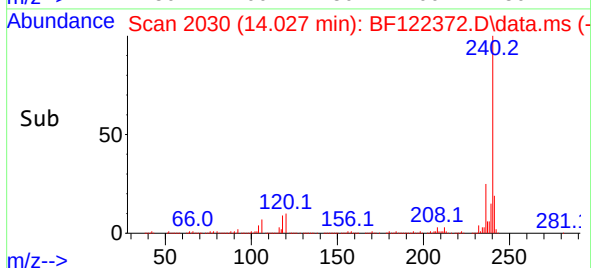
Tgt Ion:248 Resp: 32943
Ion Ratio Lower Upper
248 100
250 202.0 77.0 115.6#
141 405.6 53.7 80.5#

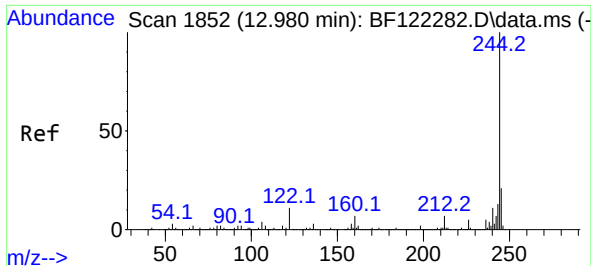


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122372.D
Acq: 18 Nov 2020 17:31



Tgt Ion:240 Resp: 939222
Ion Ratio Lower Upper
240 100
120 10.3 9.2 13.8
236 25.3 20.9 31.3

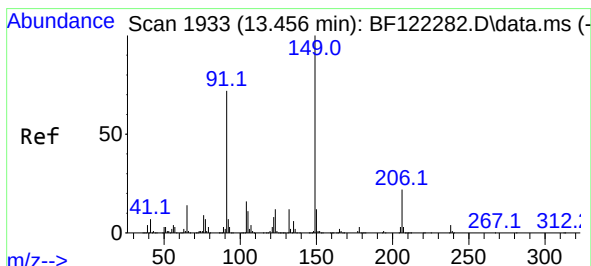
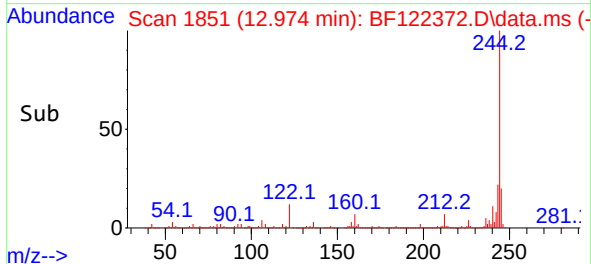
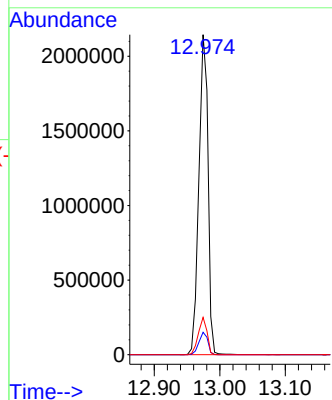
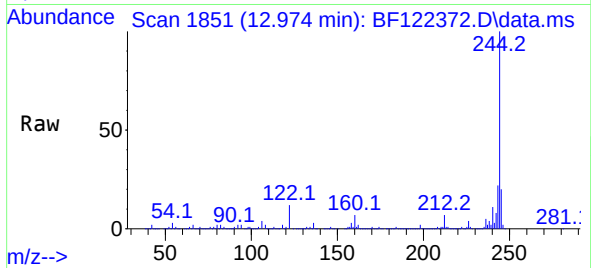




#79
Terphenyl-d14
Concen: 46.98 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF122372.D
Acq: 18 Nov 2020 17:31

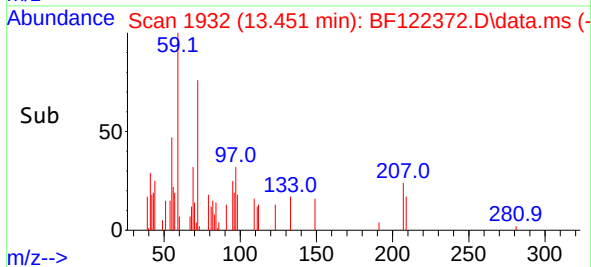
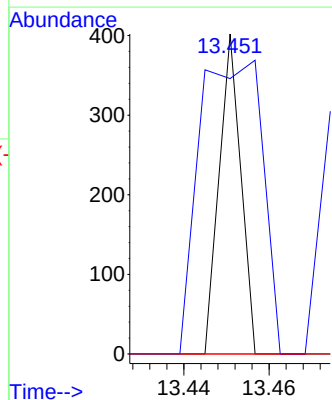
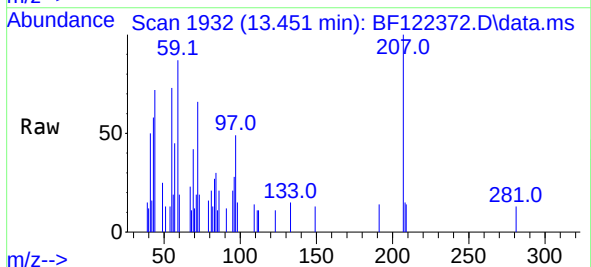
Instrument :
BNA_F
ClientSampleId :
CD-BH-02-4-5

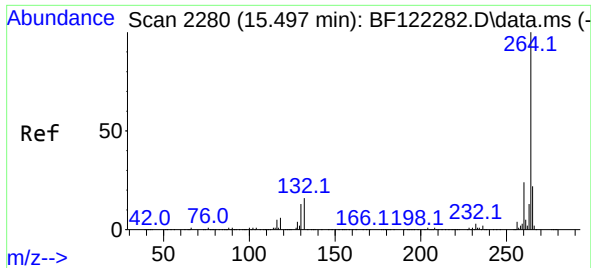
Tgt Ion:244 Resp: 2082648
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.7 8.1 12.1



#80
Butylbenzylphthalate
Concen: 3.29 ng
RT: 13.451 min Scan# 1932
Delta R.T. -0.005 min
Lab File: BF122372.D
Acq: 18 Nov 2020 17:31

Tgt Ion:149 Resp: 142
Ion Ratio Lower Upper
149 100
91 86.1 61.0 91.4
206 0.0 16.7 25.1#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF122372.D
Acq: 18 Nov 2020 17:31

Instrument :
BNA_F
ClientSampleId :
CD-BH-02-4-5

Tgt Ion:	264	Resp:	911935
Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	21.7	17.3	25.9

