

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111820\
 Data File : BF122367.D
 Acq On : 18 Nov 2020 14:55
 Operator : JU/CG
 Sample : L4771-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CD-BH-01-4-5

Quant Time: Nov 18 15:33:30 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)

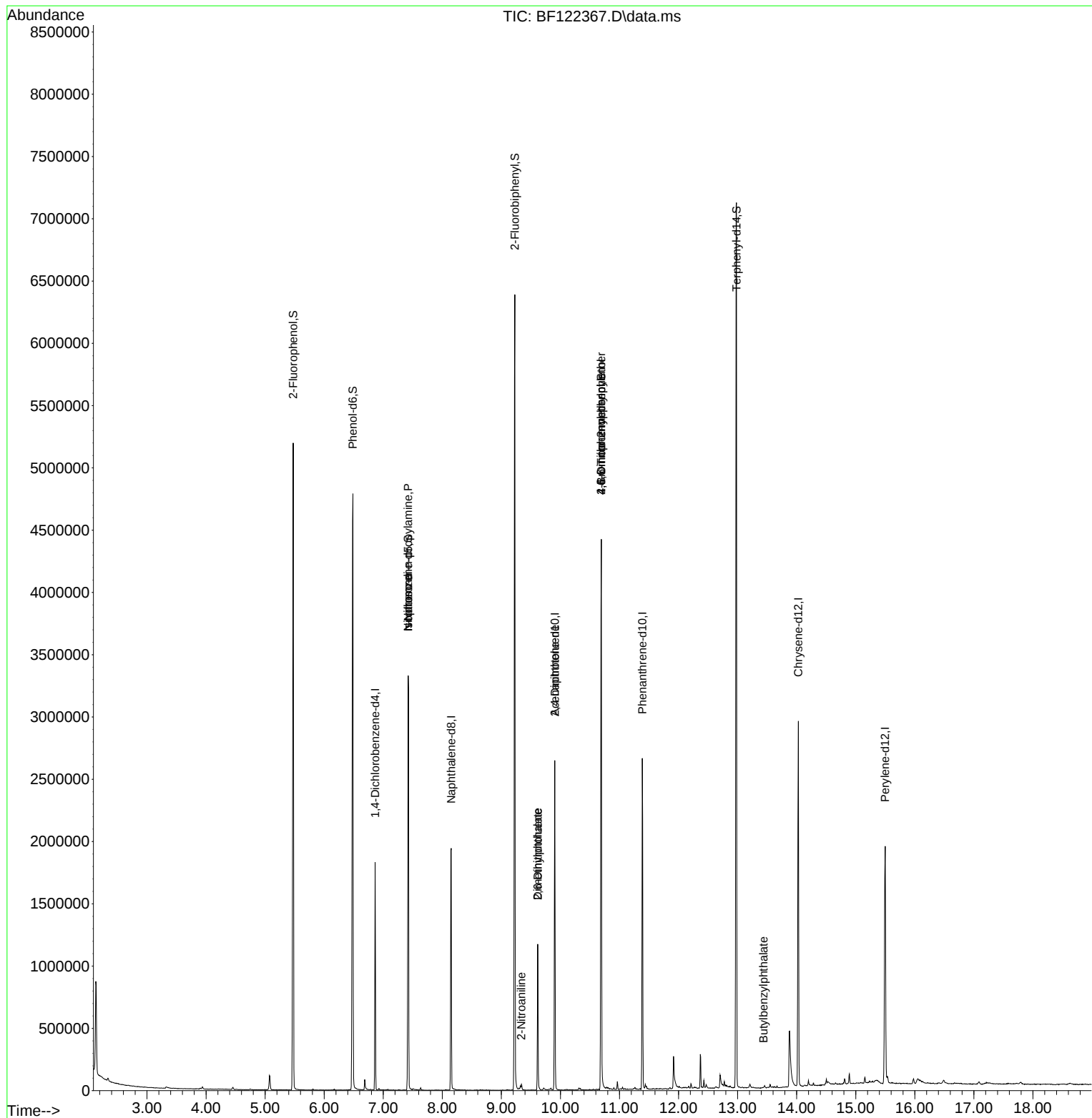
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	237599	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	925178	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	506872	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	971583	20.00	ng	0.00
76) Chrysene-d12	14.027	240	966059	20.00	ng	0.00
86) Perylene-d12	15.498	264	932718	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1484395	95.93	ng	0.00
7) Phenol-d6	6.487	99	1877740	92.76	ng	0.00
23) Nitrobenzene-d5	7.422	82	1165272	77.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	603013	110.84	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2022972	62.36	ng	0.00
79) Terphenyl-d14	12.980	244	2469003	54.14	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.487	77	3112	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	157561	13.03	ng	# 77
25) Isophorone	7.422	82	1146806	34.04	ng	# 67
48) 2-Nitroaniline	9.339	65	523	5.22	ng	# 6
50) Dimethylphthalate	9.616	163	444345	12.33	ng	# 99
51) 2,6-Dinitrotoluene	9.616	165	4618	4.34	ng	# 17
57) 2,4-Dinitrotoluene	9.904	165	65450	10.56	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.692	198	1382	6.56	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	38702	3.39	ng	# 1
80) Butylbenzylphthalate	13.439	149	271	3.30	ng	# 73

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

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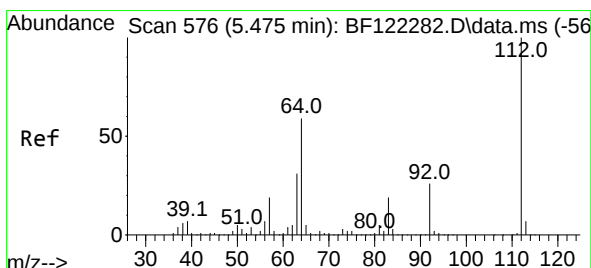
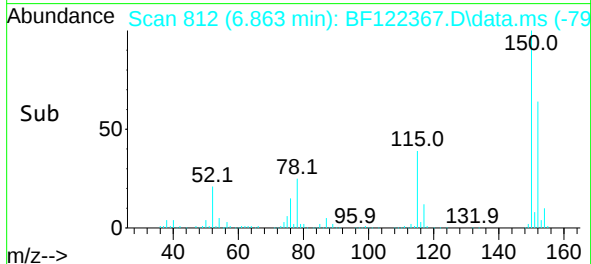
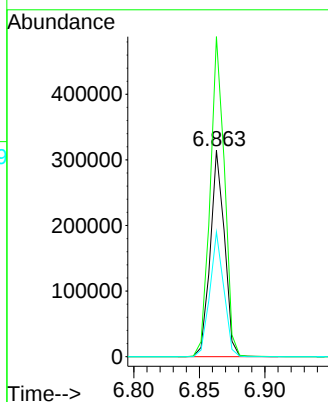
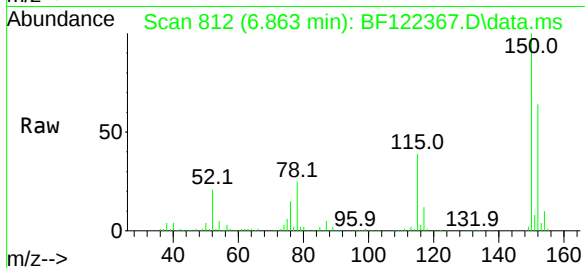




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122367.D
Acq: 18 Nov 2020 14:55

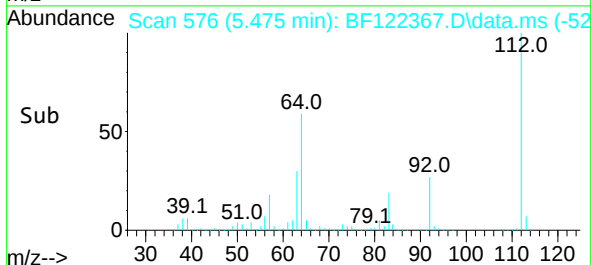
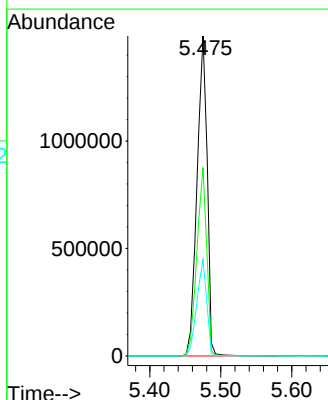
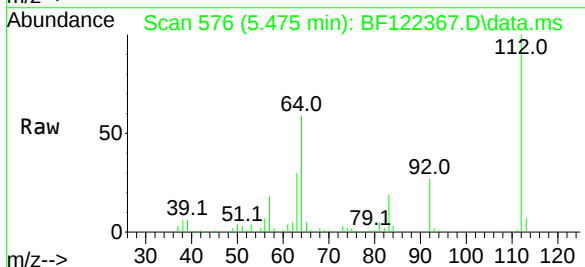
Instrument :
BNA_F
ClientSampleId :
CD-BH-01-4-5

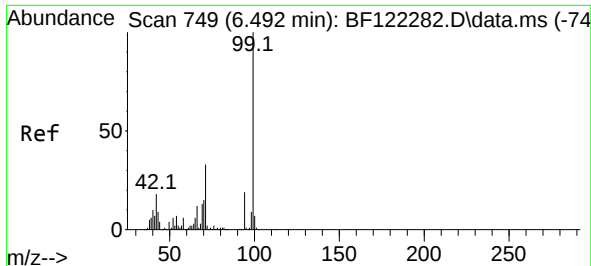
Tgt Ion:152 Resp: 237599
Ion Ratio Lower Upper
152 100
150 155.2 125.3 187.9
115 60.4 51.9 77.9



#5
2-Fluorophenol
Concen: 95.93 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF122367.D
Acq: 18 Nov 2020 14:55

Tgt Ion:112 Resp: 1484395
Ion Ratio Lower Upper
112 100
64 58.9 50.4 75.6
63 30.3 25.8 38.6

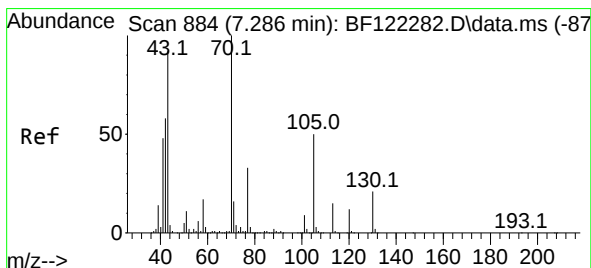
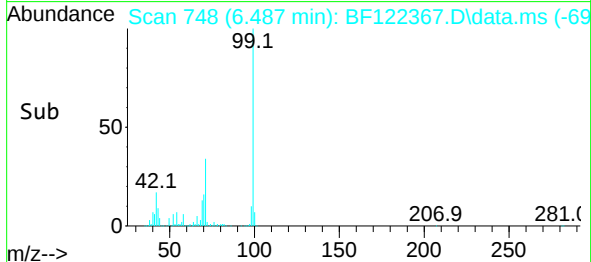
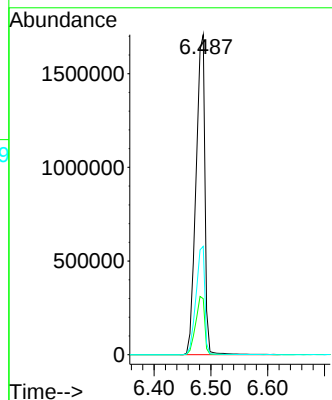
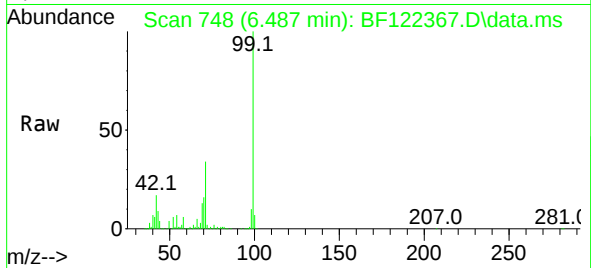




#7
Phenol-d6
Concen: 92.76 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF122367.D
Acq: 18 Nov 2020 14:55

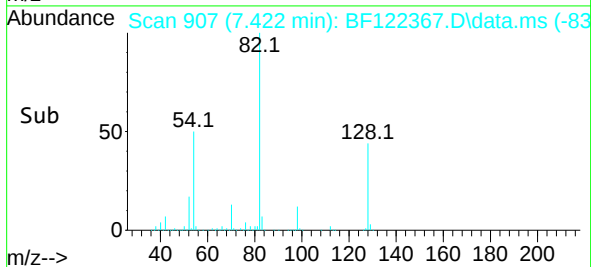
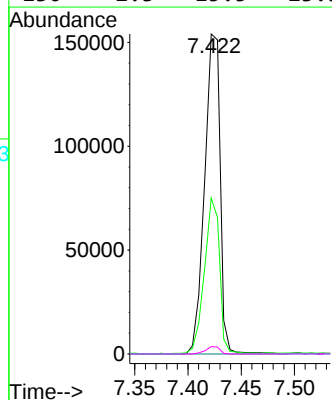
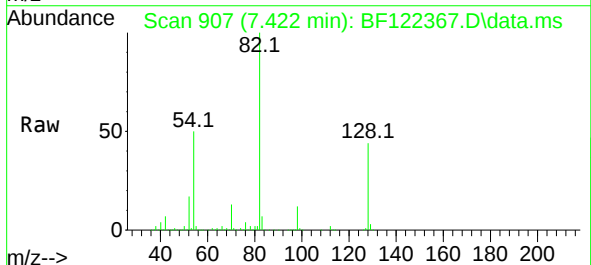
Instrument :
BNA_F
ClientSampleId :
CD-BH-01-4-5

Tgt Ion: 99 Resp: 1877740
Ion Ratio Lower Upper
99 100
42 17.5 15.9 23.9
71 33.8 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.03 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.136 min
Lab File: BF122367.D
Acq: 18 Nov 2020 14:55

Tgt Ion: 70 Resp: 157561
Ion Ratio Lower Upper
70 100
42 48.7 50.2 75.4#
101 0.0 7.5 11.3#
130 2.3 15.5 23.3#



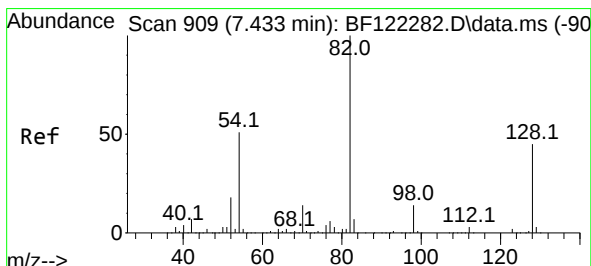
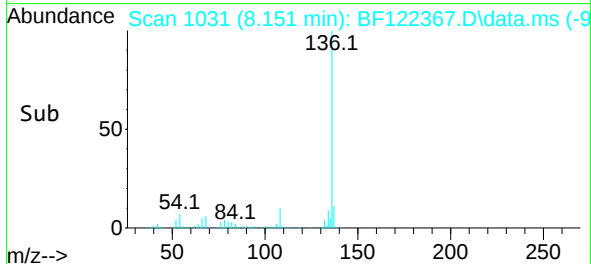
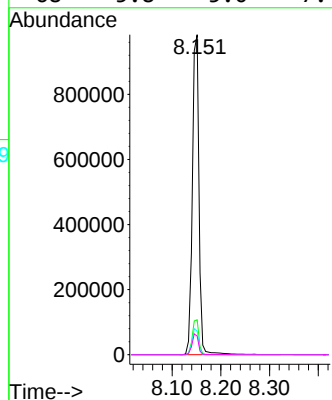
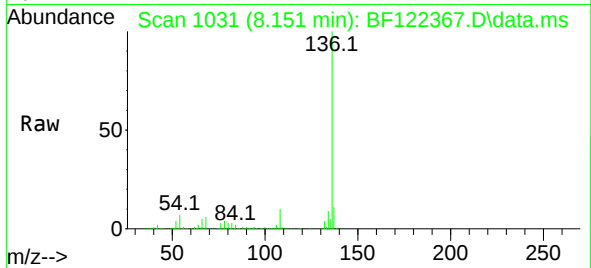


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122367.D
Acq: 18 Nov 2020 14:55

Instrument :
BNA_F
ClientSampleId :
CD-BH-01-4-5

Tgt Ion:136 Resp: 925178

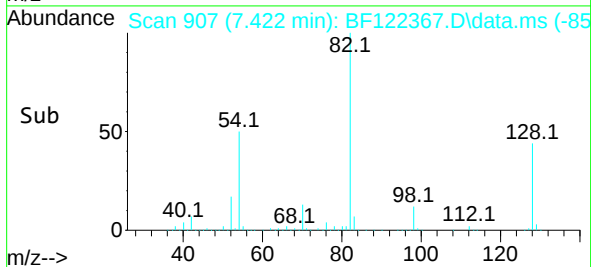
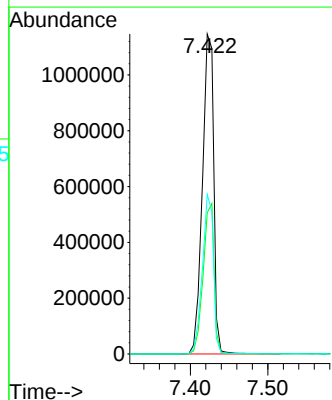
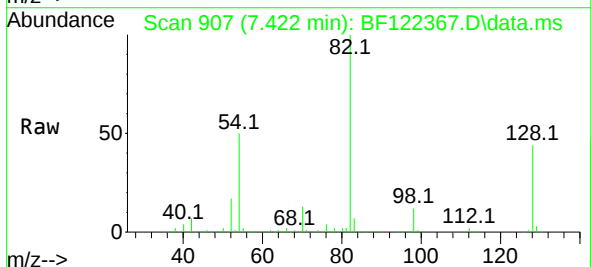
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.4	7.1	10.7
68	5.8	5.0	7.4

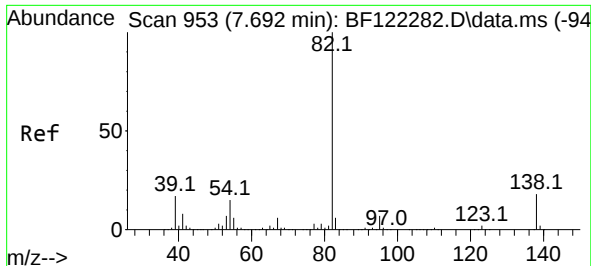


#23
Nitrobenzene-d5
Concen: 77.11 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.011 min
Lab File: BF122367.D
Acq: 18 Nov 2020 14:55

Tgt Ion: 82 Resp: 1165272

Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.0	52.4
54	49.9	43.9	65.9

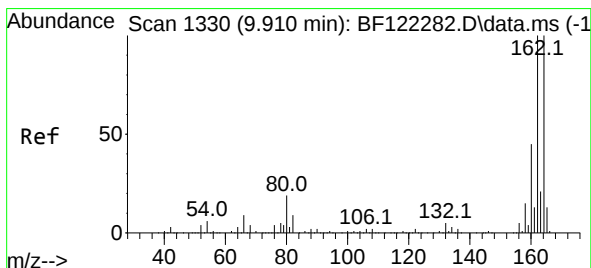
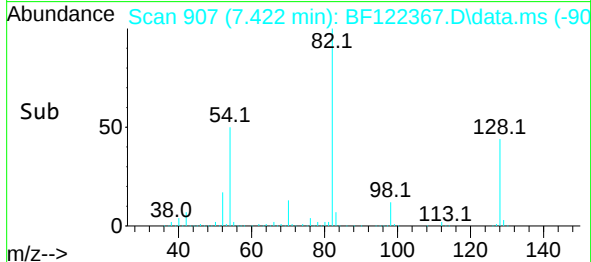
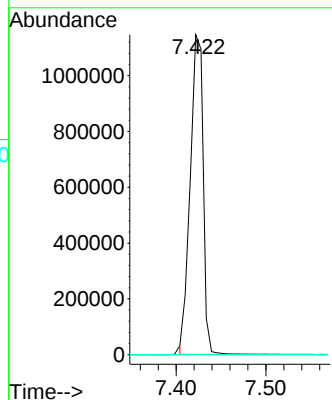
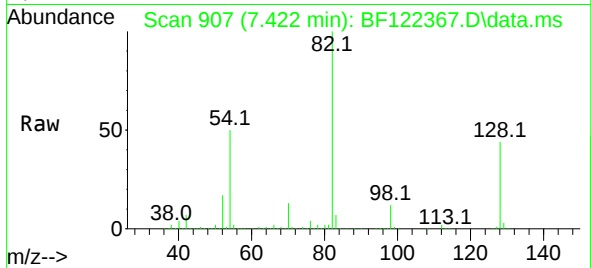




#25
Isophorone
Concen: 34.04 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.270 min
Lab File: BF122367.D
Acq: 18 Nov 2020 14:55

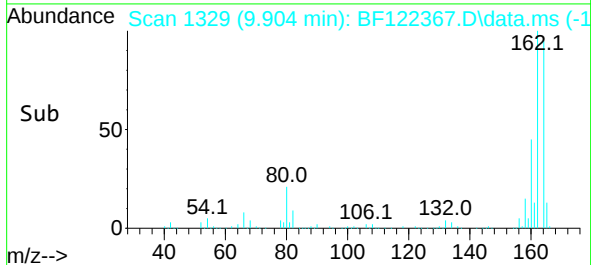
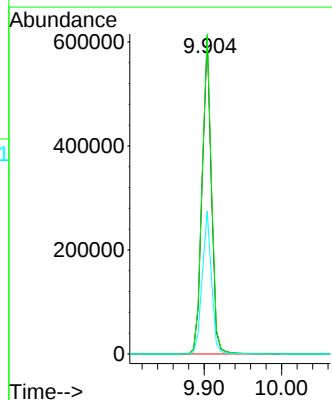
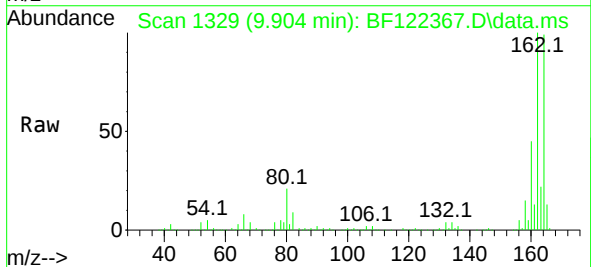
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ClientSampleId :
CD-BH-01-4-5

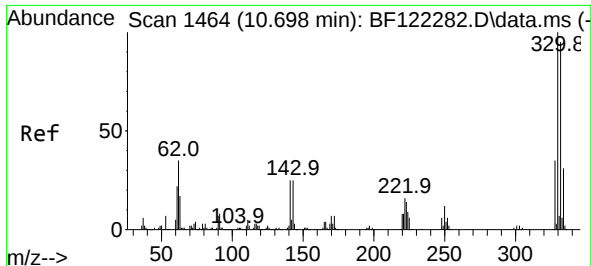
Tgt Ion: 82 Resp: 1146806
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122367.D
Acq: 18 Nov 2020 14:55

Tgt Ion: 164 Resp: 506872
Ion Ratio Lower Upper
164 100
162 100.7 83.2 124.8
160 44.9 37.5 56.3

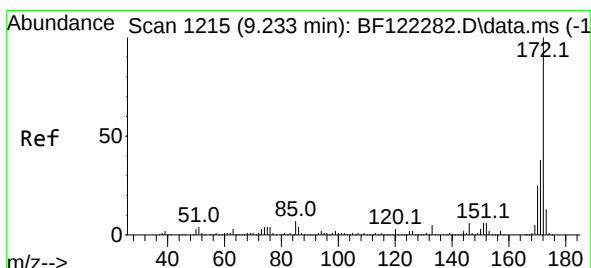
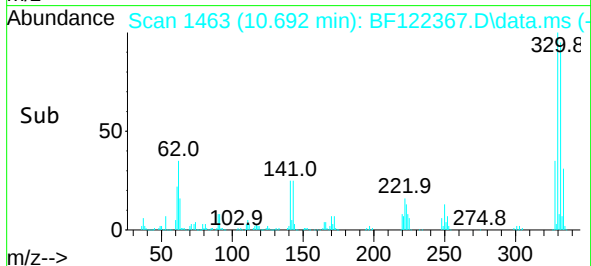
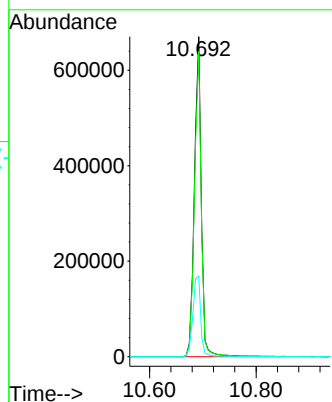
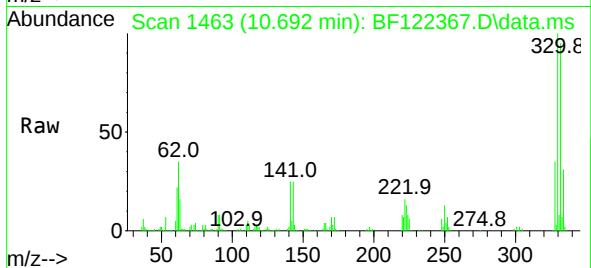




#42
2,4,6-Tribromophenol
Concen: 110.84 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF122367.D
Acq: 18 Nov 2020 14:55

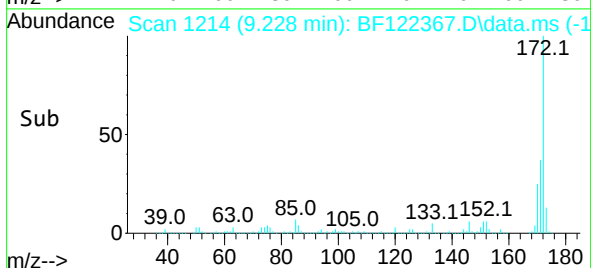
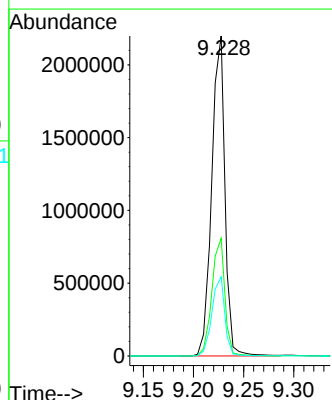
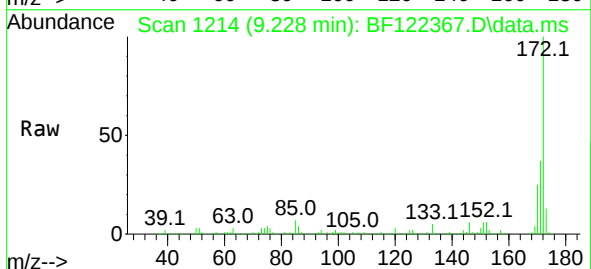
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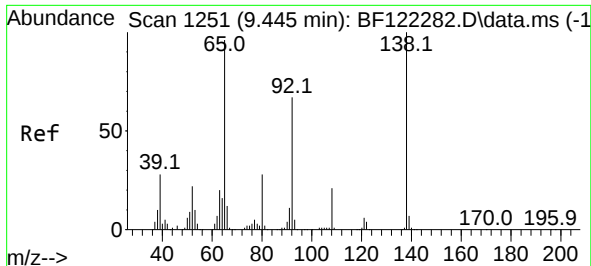
Tgt Ion: 330 Resp: 603013
Ion Ratio Lower Upper
330 100
332 95.0 77.3 115.9
141 29.0 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 62.36 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122367.D
Acq: 18 Nov 2020 14:55

Tgt Ion: 172 Resp: 2022972
Ion Ratio Lower Upper
172 100
171 36.7 29.1 43.7
170 24.7 19.8 29.6

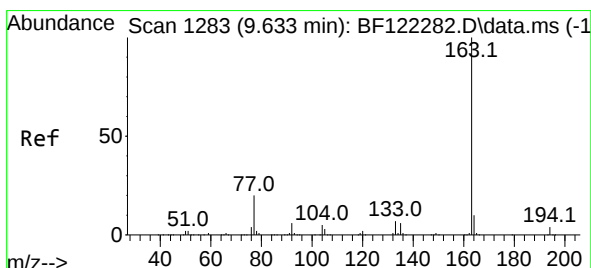
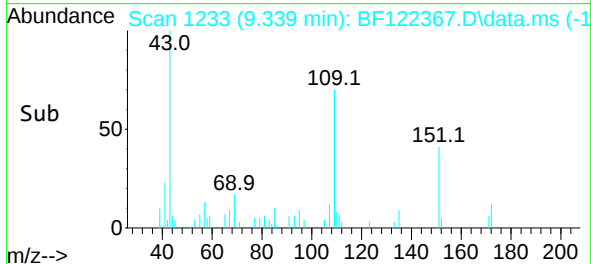
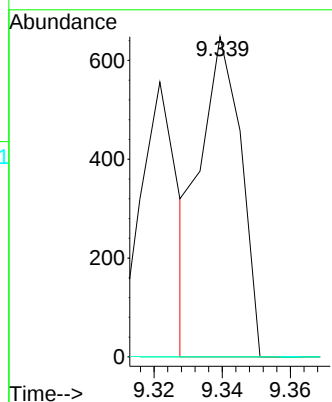
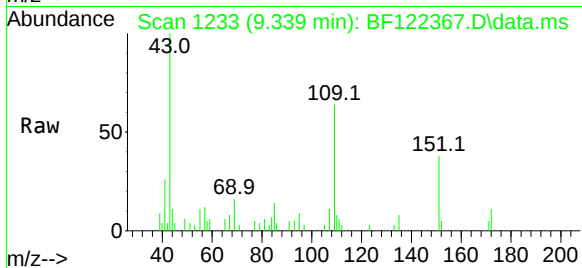




#48
2-Nitroaniline
Concen: 5.22 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.106 min
Lab File: BF122367.D
Acq: 18 Nov 2020 14:55

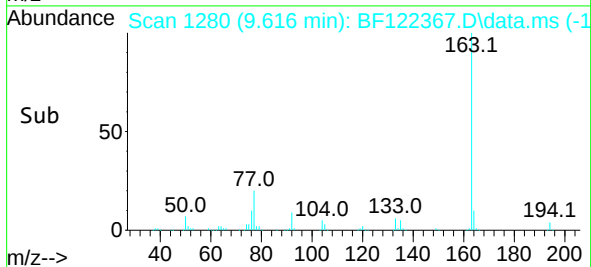
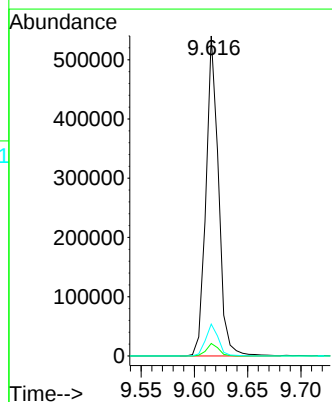
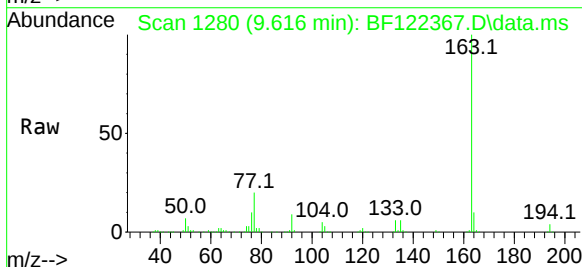
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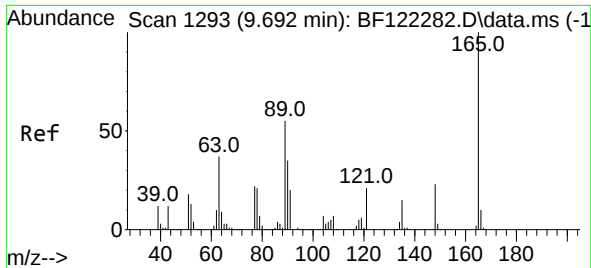
Tgt Ion: 65 Resp: 523
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



#50
Dimethylphthalate
Concen: 12.33 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122367.D
Acq: 18 Nov 2020 14:55

Tgt Ion: 163 Resp: 444345
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.9 8.2 12.4

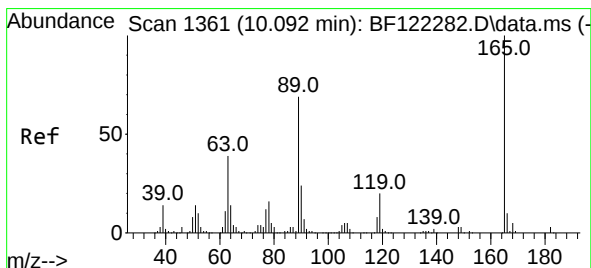
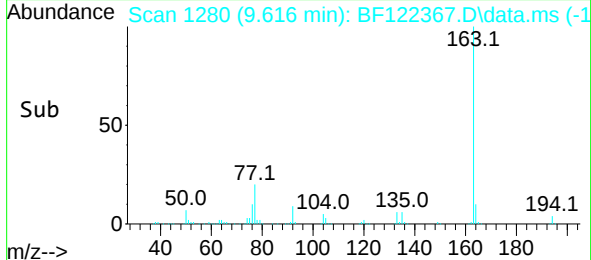
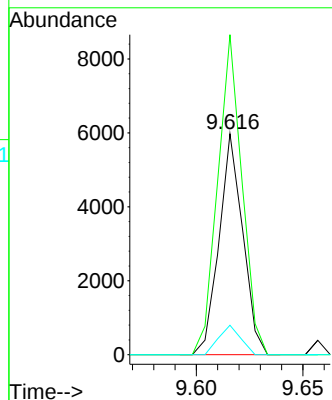
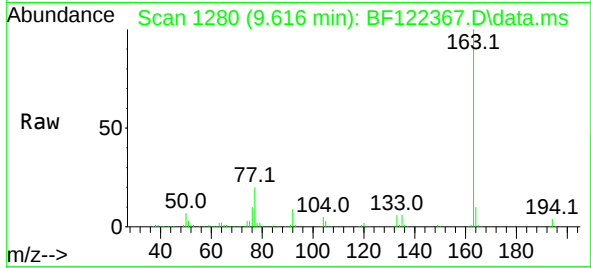




#51
2,6-Dinitrotoluene
Concen: 4.34 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.076 min
Lab File: BF122367.D
Acq: 18 Nov 2020 14:55

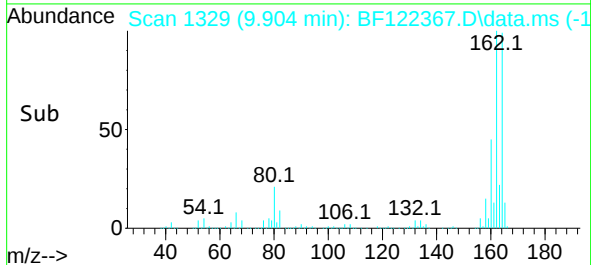
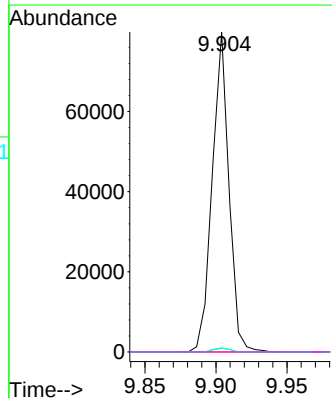
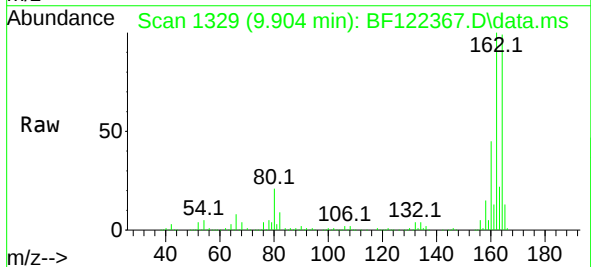
Instrument :
BNA_F
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CD-BH-01-4-5

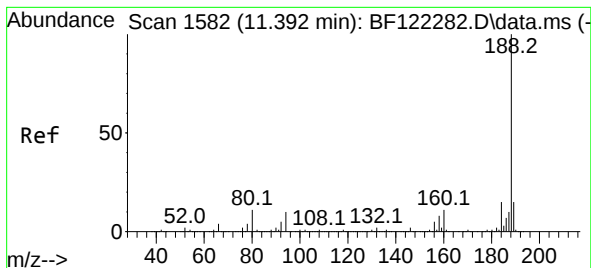
Tgt Ion:165 Resp: 4618
Ion Ratio Lower Upper
165 100
63 144.8 51.8 77.6#
89 13.3 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 10.56 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122367.D
Acq: 18 Nov 2020 14:55

Tgt Ion:165 Resp: 65450
Ion Ratio Lower Upper
165 100
63 1.1 41.3 61.9#
89 1.3 61.8 92.8#
182 0.0 2.1 3.1#

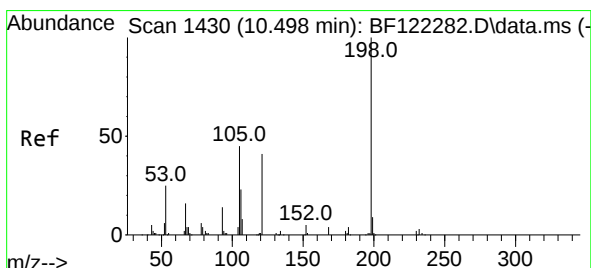
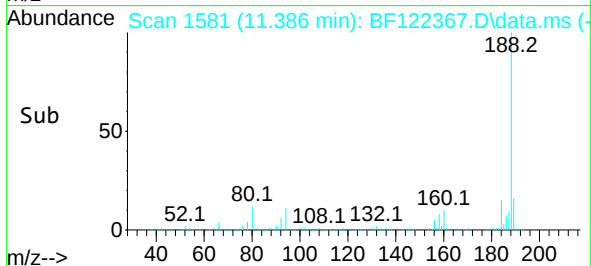
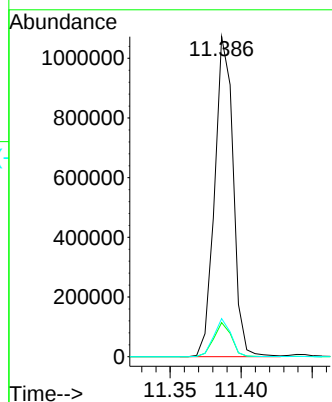
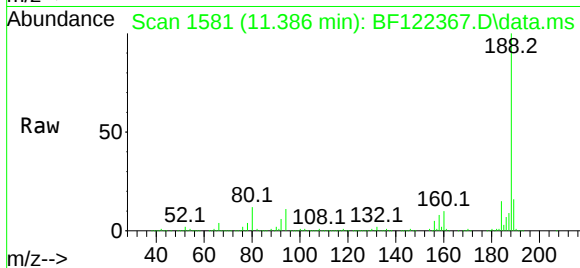




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122367.D
Acq: 18 Nov 2020 14:55

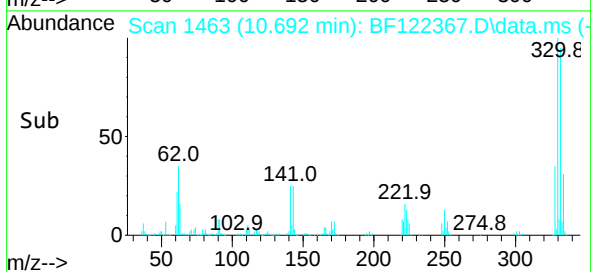
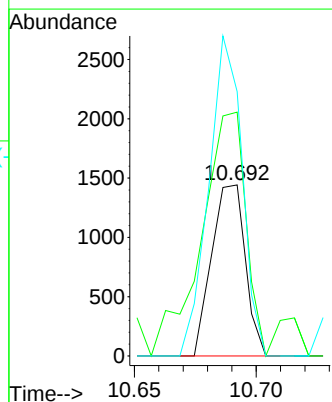
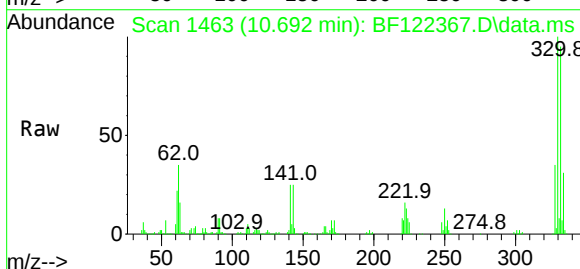
Instrument :
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ClientSampleId :
CD-BH-01-4-5

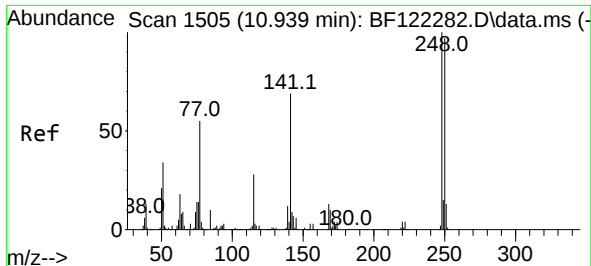
Tgt Ion:188 Resp: 971583
Ion Ratio Lower Upper
188 100
94 10.7 8.3 12.5
80 11.9 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.56 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.194 min
Lab File: BF122367.D
Acq: 18 Nov 2020 14:55

Tgt Ion:198 Resp: 1382
Ion Ratio Lower Upper
198 100
51 142.6 29.6 69.6#
105 154.6 24.4 64.4#

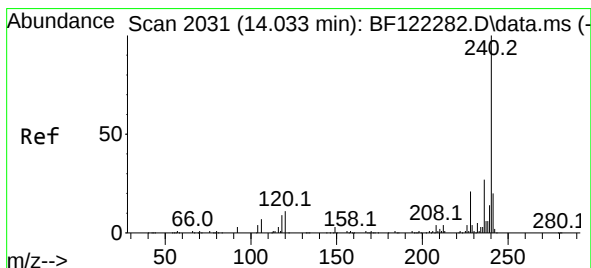
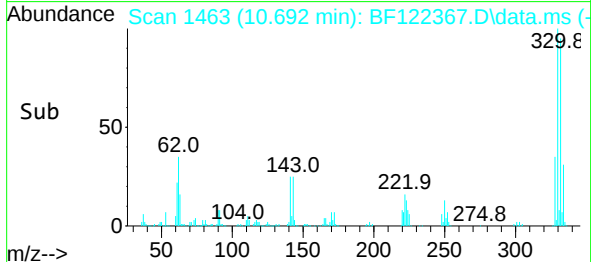
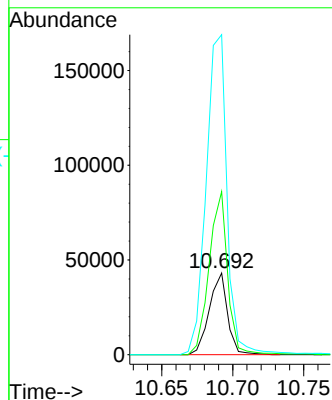
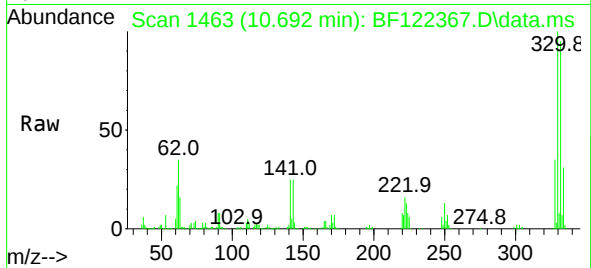




#67
4-Bromophenyl-phenylether
Concen: 3.39 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF122367.D
Acq: 18 Nov 2020 14:55

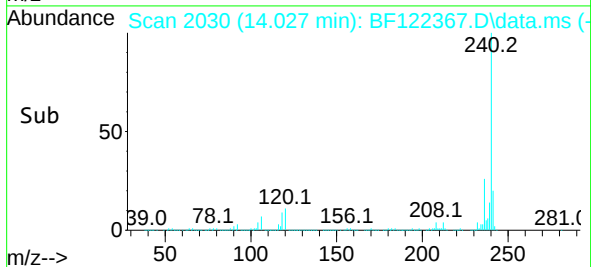
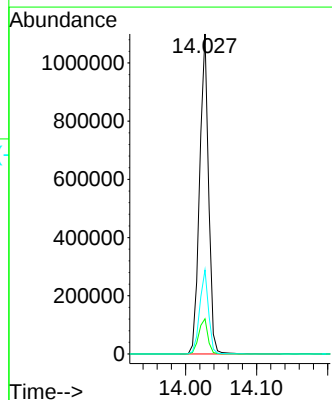
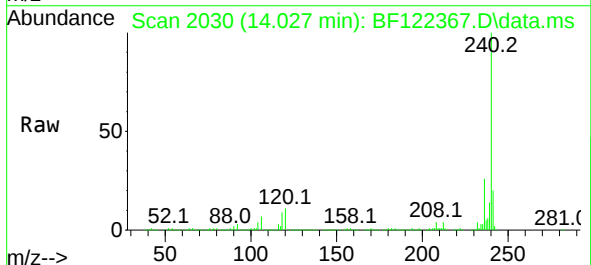
Instrument :
BNA_F
ClientSampleId :
CD-BH-01-4-5

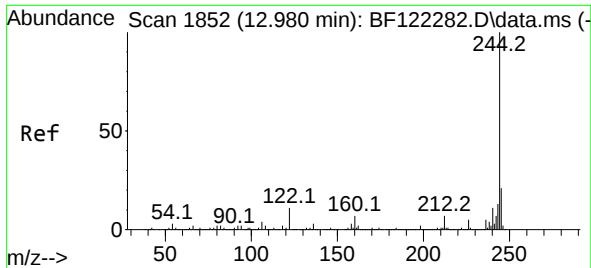
Tgt Ion:248 Resp: 38702
Ion Ratio Lower Upper
248 100
250 199.8 77.0 115.6#
141 392.3 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122367.D
Acq: 18 Nov 2020 14:55

Tgt Ion:240 Resp: 966059
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 26.3 20.9 31.3

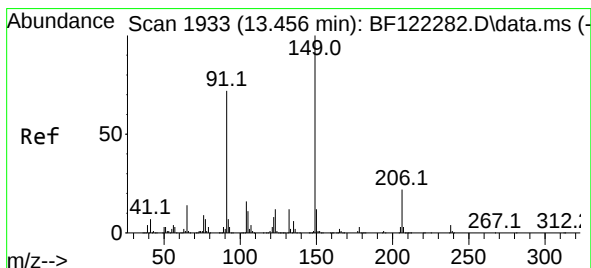
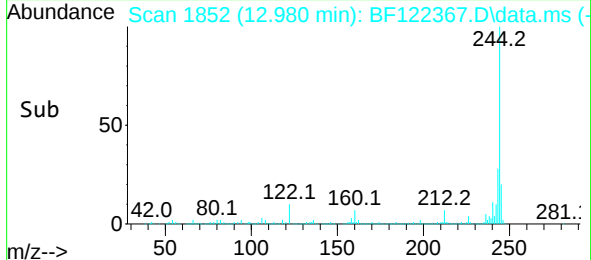
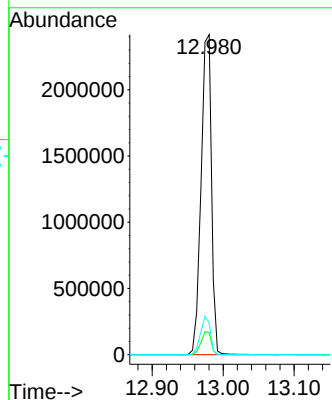
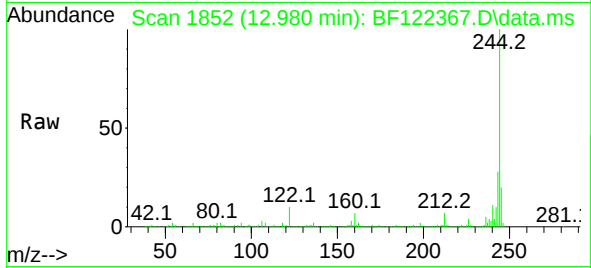




#79
 Terphenyl-d14
 Concen: 54.14 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF122367.D
 Acq: 18 Nov 2020 14:55

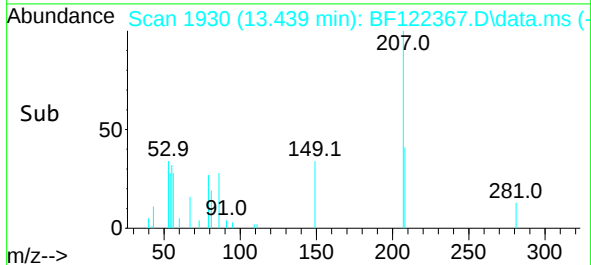
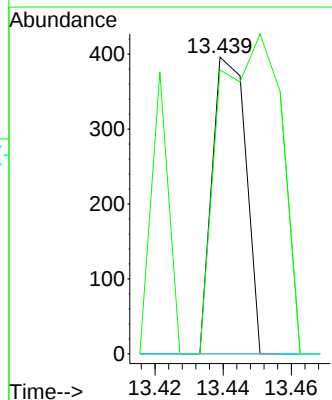
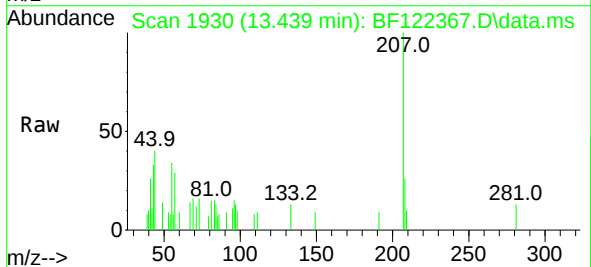
Instrument :
 BNA_F
 ClientSampleId :
 CD-BH-01-4-5

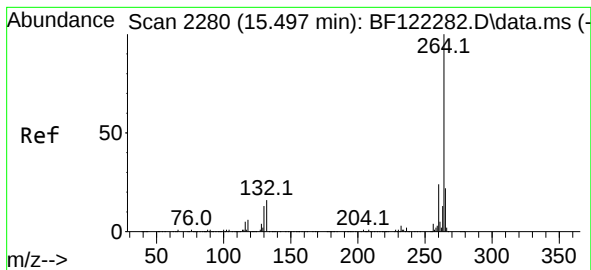
Tgt Ion:244 Resp: 2469003
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 9.9 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 3.30 ng
 RT: 13.439 min Scan# 1930
 Delta R.T. -0.017 min
 Lab File: BF122367.D
 Acq: 18 Nov 2020 14:55

Tgt Ion:149 Resp: 271
 Ion Ratio Lower Upper
 149 100
 91 95.7 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: BF122367.D

Acq: 18 Nov 2020 14:55

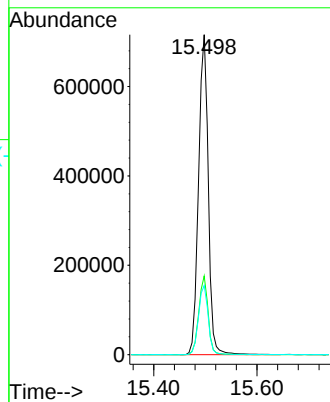
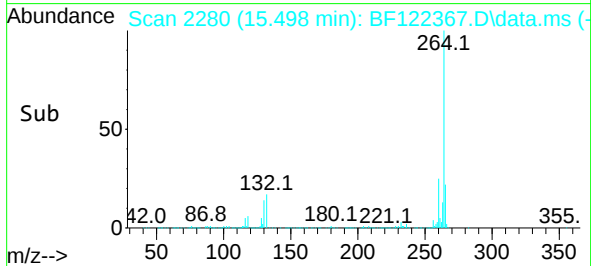
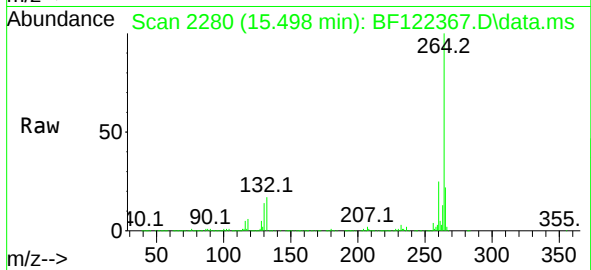
Tgt Ion:264 Resp: 932718

Ion Ratio Lower Upper

264 100

260 24.6 18.7 28.1

265 21.6 17.3 25.9



Instrument :

BNA_F

ClientSampleId :

CD-BH-01-4-5