

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111820\
 Data File : BF122366.D
 Acq On : 18 Nov 2020 14:24
 Operator : JU/CG
 Sample : L4771-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CD-BH-01-2-3

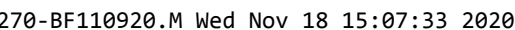
Quant Time: Nov 18 15:07:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 12:25:42 2020
 Response via : Initial Calibration

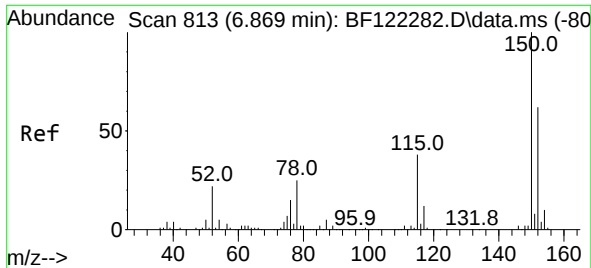
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	224558	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	873680	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	484352	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	924121	20.00	ng	0.00
76) Chrysene-d12	14.027	240	904542	20.00	ng	0.00
86) Perylene-d12	15.498	264	879947	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1834306	125.43	ng	0.00
7) Phenol-d6	6.486	99	2395615	125.22	ng	0.00
23) Nitrobenzene-d5	7.428	82	1470357	103.03	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	765893	147.33	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	2405866	77.61	ng	0.00
79) Terphenyl-d14	12.980	244	2841778	66.56	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.486	77	3940	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	201240	17.60	ng	# 74
25) Isophorone	7.428	82	1450984	45.61	ng	# 67
48) 2-Nitroaniline	9.345	65	830	5.25	ng	# 6
50) Dimethylphthalate	9.616	163	582600	16.92	ng	# 99
51) 2,6-Dinitrotoluene	9.616	165	6191	4.56	ng	# 6
53) 3-Nitroaniline	10.004	138	129	3.57	ng	# 1
57) 2,4-Dinitrotoluene	9.904	165	62927	10.60	ng	# 20
62) 4-Nitroaniline	10.386	138	157	3.40	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.692	198	1647	6.67	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	49241	4.53	ng	# 1
80) Butylbenzylphthalate	13.451	149	523	3.31	ng	# 47

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

Quant Time: Nov 18 15:07:24 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

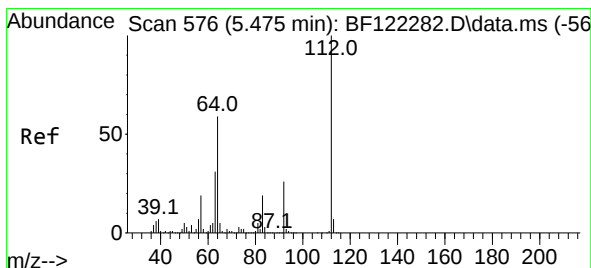
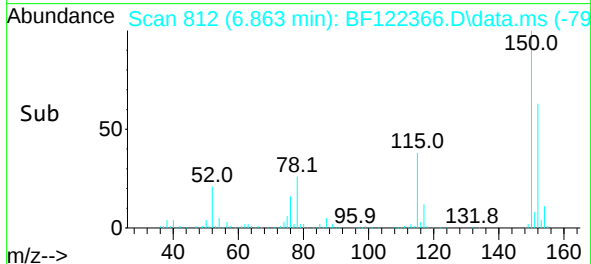
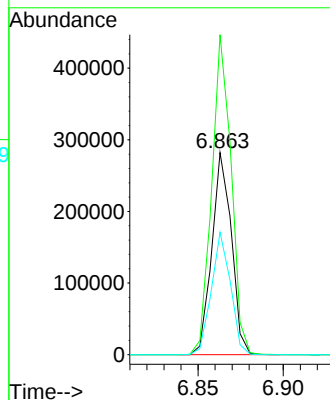
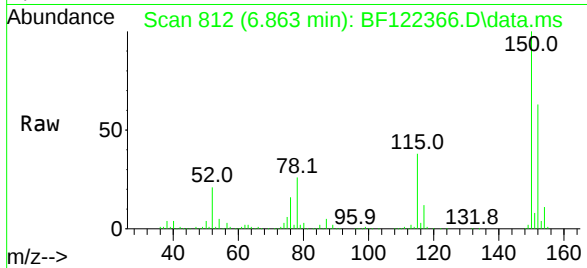




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122366.D
Acq: 18 Nov 2020 14:24

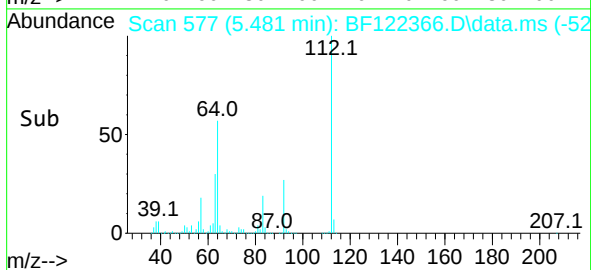
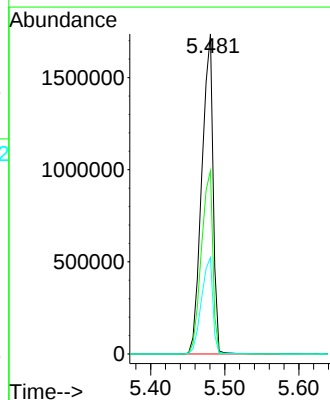
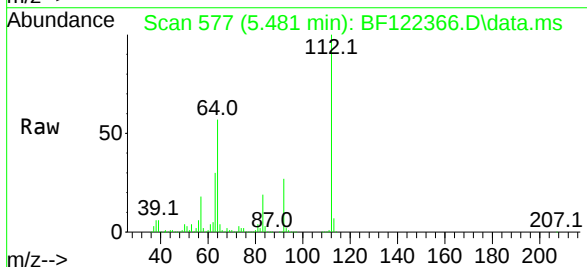
Instrument :
BNA_F
ClientSampleId :
CD-BH-01-2-3

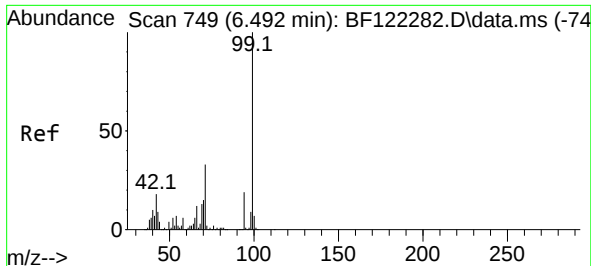
Tgt Ion:152 Resp: 224558
Ion Ratio Lower Upper
152 100
150 158.3 125.3 187.9
115 60.6 51.9 77.9



#5
2-Fluorophenol
Concen: 125.43 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF122366.D
Acq: 18 Nov 2020 14:24

Tgt Ion:112 Resp: 1834306
Ion Ratio Lower Upper
112 100
64 57.2 50.4 75.6
63 30.1 25.8 38.6

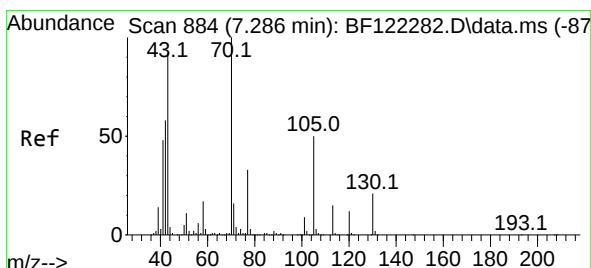
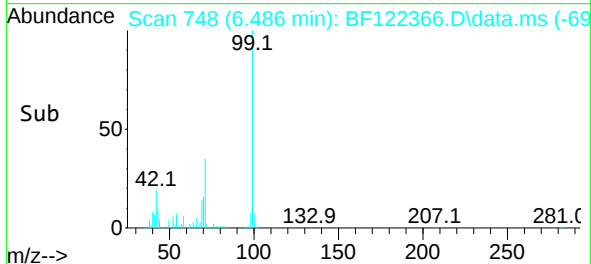
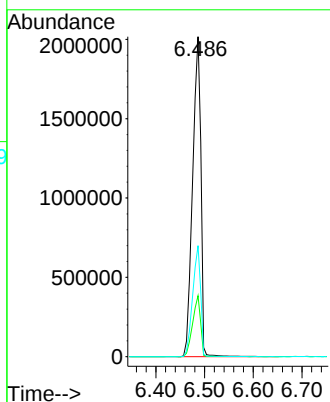
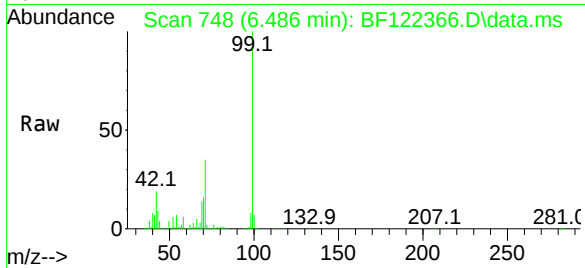




#7
Phenol-d6
Concen: 125.22 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF122366.D
Acq: 18 Nov 2020 14:24

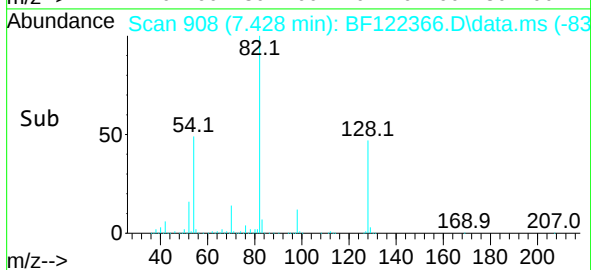
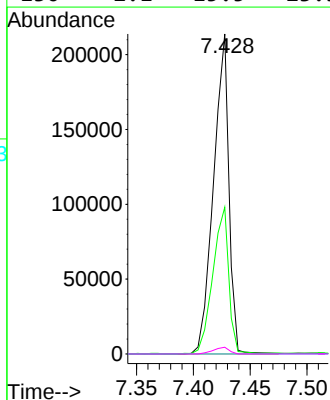
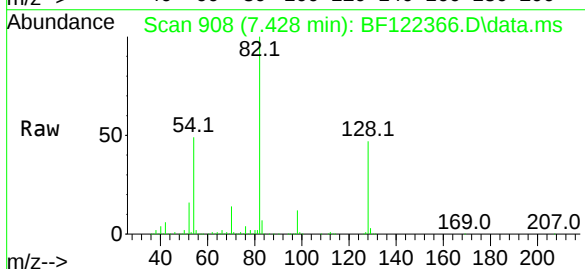
Instrument :
BNA_F
ClientSampleId :
CD-BH-01-2-3

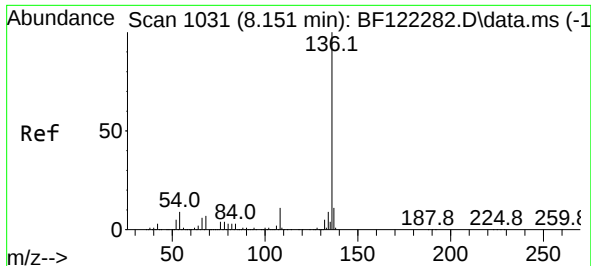
Tgt Ion: 99 Resp: 2395615
Ion Ratio Lower Upper
99 100
42 19.0 15.9 23.9
71 34.7 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.60 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122366.D
Acq: 18 Nov 2020 14:24

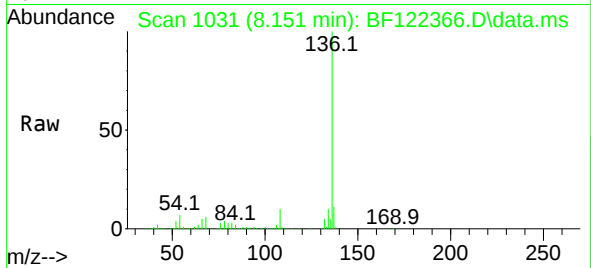
Tgt Ion: 70 Resp: 201240
Ion Ratio Lower Upper
70 100
42 45.8 50.2 75.4#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



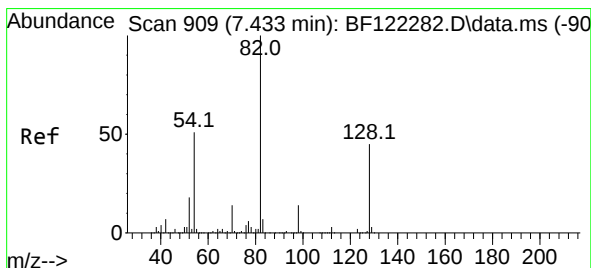
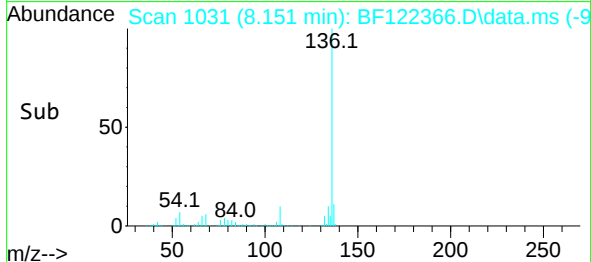
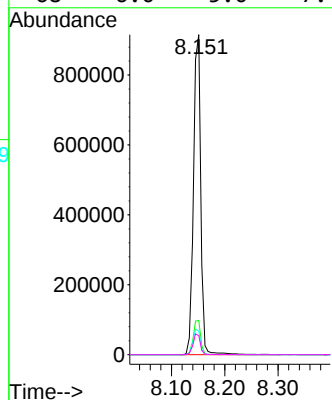


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122366.D
Acq: 18 Nov 2020 14:24

Instrument :
BNA_F
ClientSampleId :
CD-BH-01-2-3

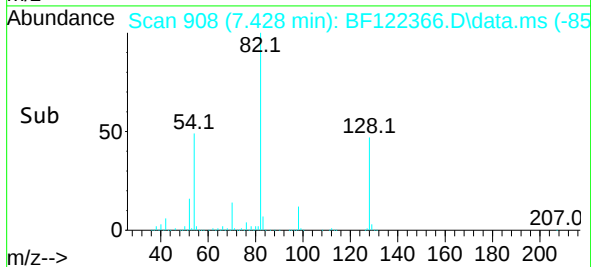
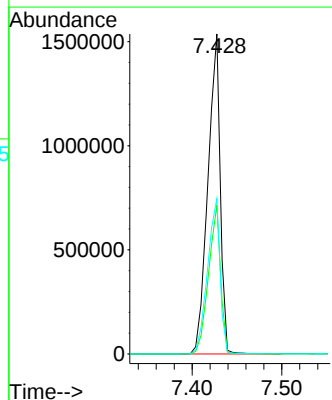
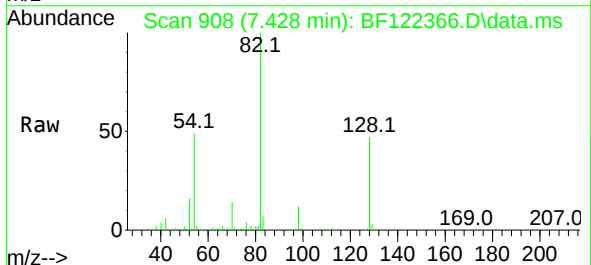


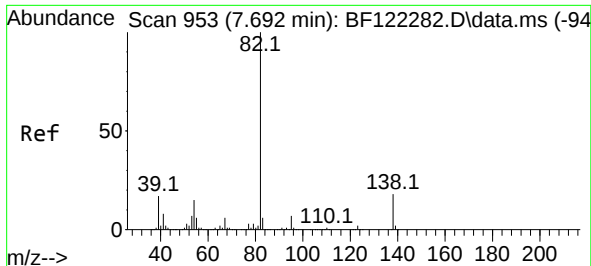
Tgt Ion:	136	Resp:	873680
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.4	7.1	10.7
68	6.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 103.03 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122366.D
Acq: 18 Nov 2020 14:24

Tgt Ion:	82	Resp:	1470357
Ion	Ratio	Lower	Upper
82	100		
128	46.5	35.0	52.4
54	48.5	43.9	65.9

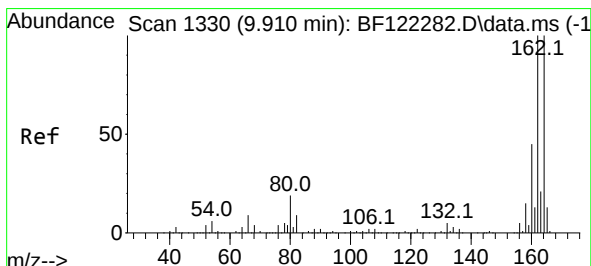
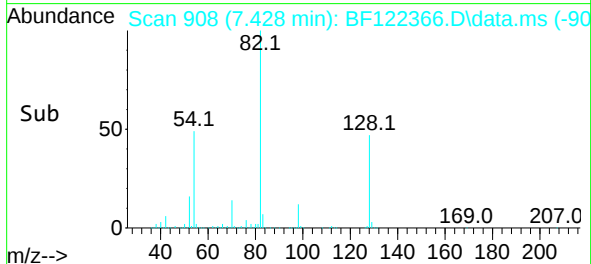
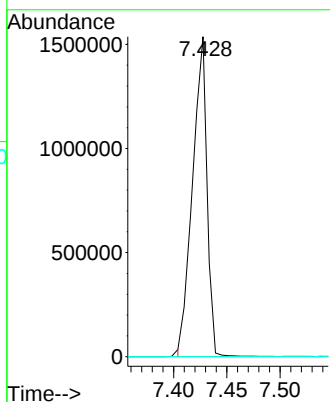
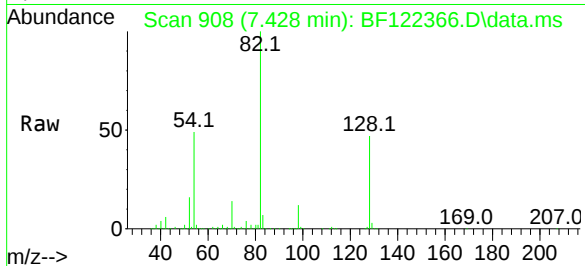




#25
Isophorone
Concen: 45.61 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.264 min
Lab File: BF122366.D
Acq: 18 Nov 2020 14:24

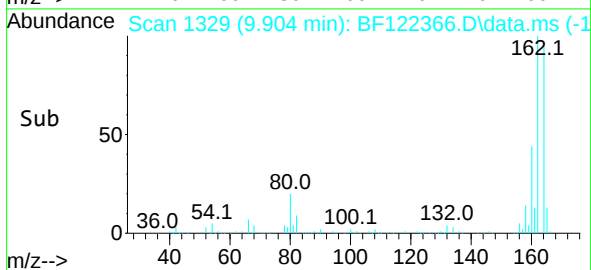
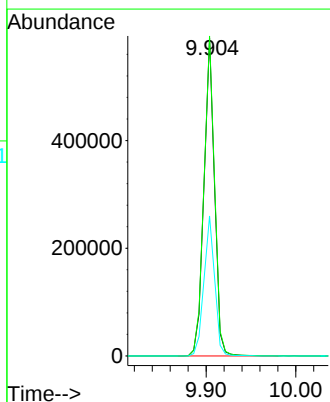
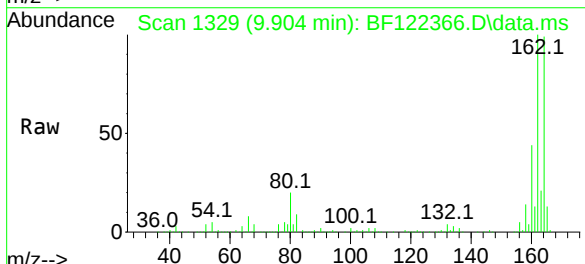
Instrument :
BNA_F
ClientSampleId :
CD-BH-01-2-3

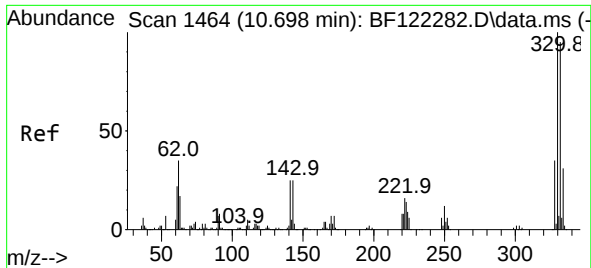
Tgt Ion: 82 Resp: 1450984
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122366.D
Acq: 18 Nov 2020 14:24

Tgt Ion:164 Resp: 484352
Ion Ratio Lower Upper
164 100
162 100.6 83.2 124.8
160 44.0 37.5 56.3

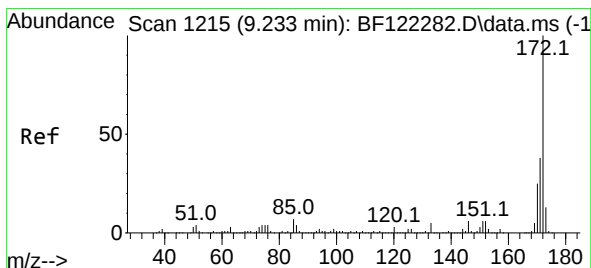
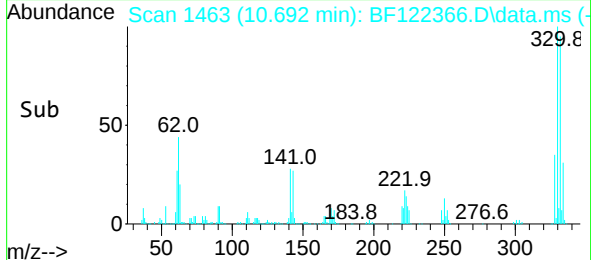
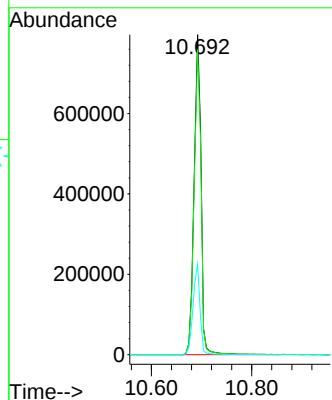
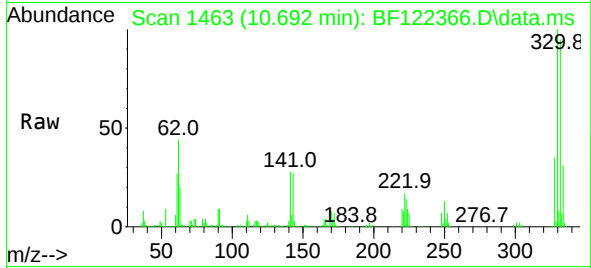




#42
2,4,6-Tribromophenol
Concen: 147.33 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF122366.D
Acq: 18 Nov 2020 14:24

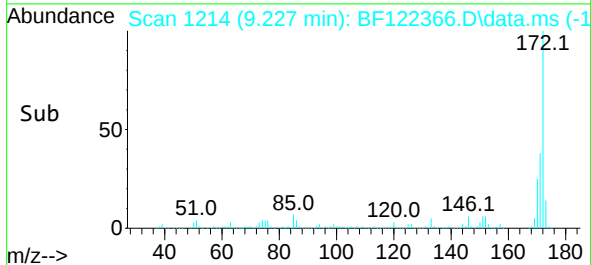
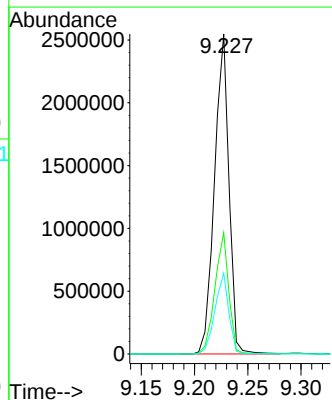
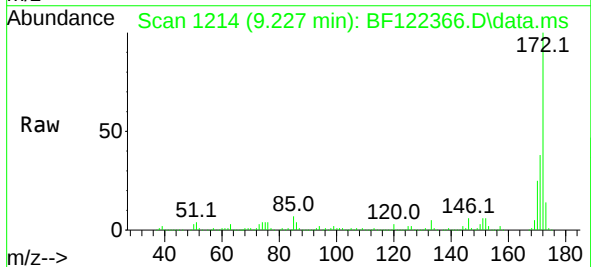
Instrument :
BNA_F
ClientSampleId :
CD-BH-01-2-3

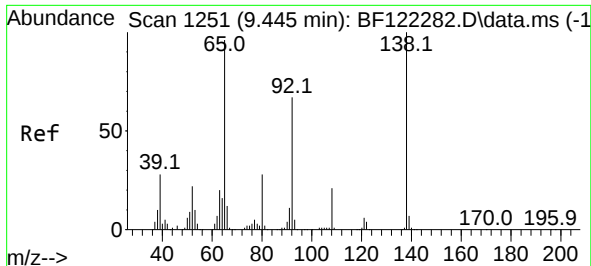
Tgt Ion: 330 Resp: 765893
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 28.5 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 77.61 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122366.D
Acq: 18 Nov 2020 14:24

Tgt Ion: 172 Resp: 2405866
Ion Ratio Lower Upper
172 100
171 37.9 29.1 43.7
170 25.3 19.8 29.6

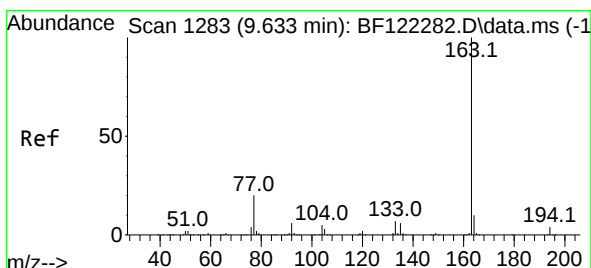
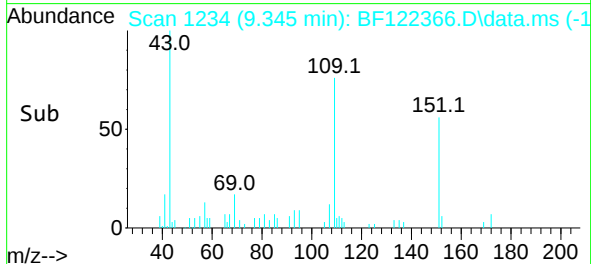
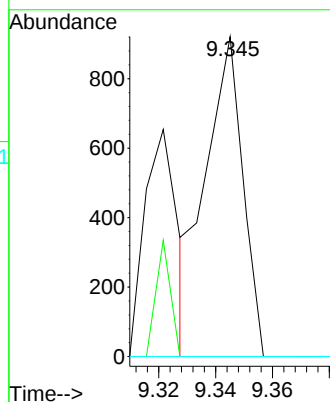
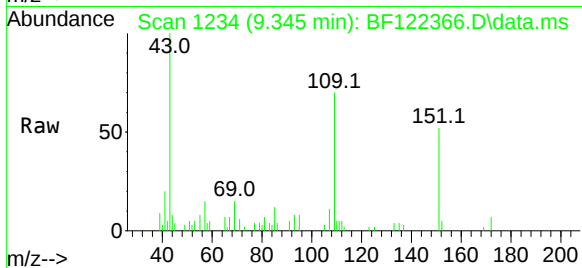




#48
2-Nitroaniline
Concen: 5.25 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.100 min
Lab File: BF122366.D
Acq: 18 Nov 2020 14:24

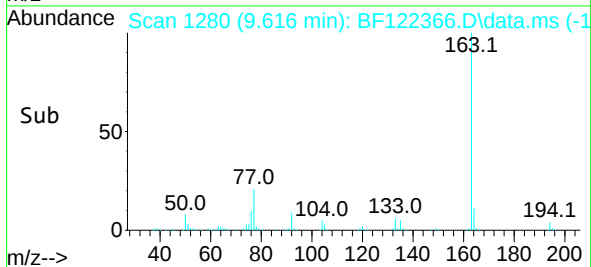
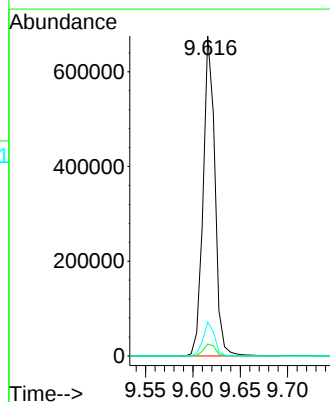
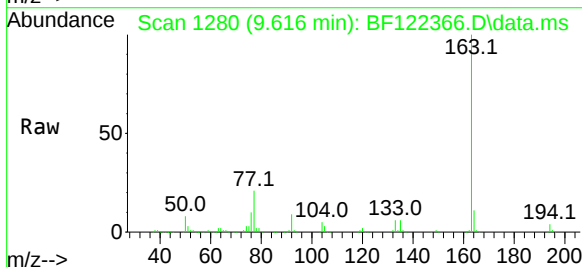
Instrument :
BNA_F
ClientSampleId :
CD-BH-01-2-3

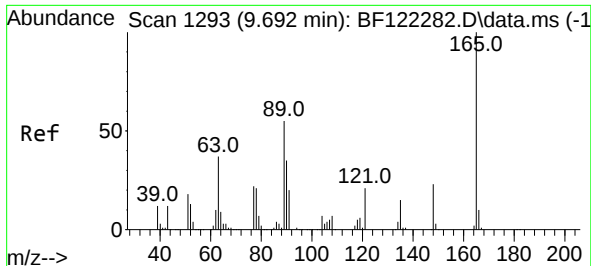
Tgt Ion: 65 Resp: 830
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



#50
Dimethylphthalate
Concen: 16.92 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122366.D
Acq: 18 Nov 2020 14:24

Tgt Ion: 163 Resp: 582600
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.6 8.2 12.4

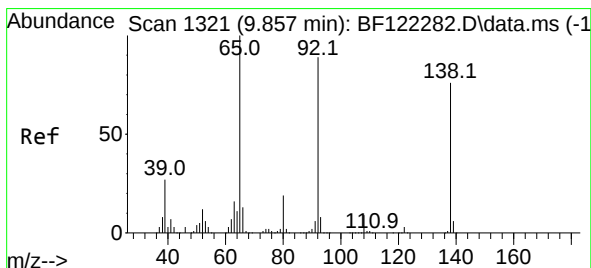
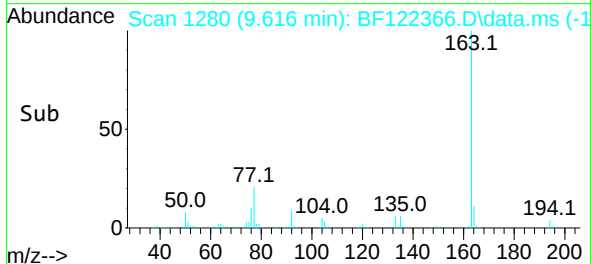
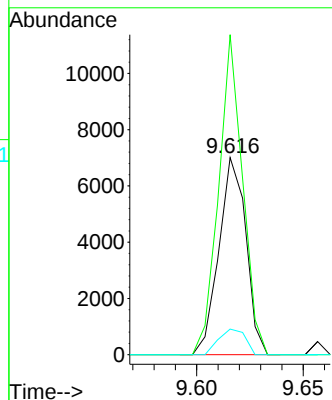
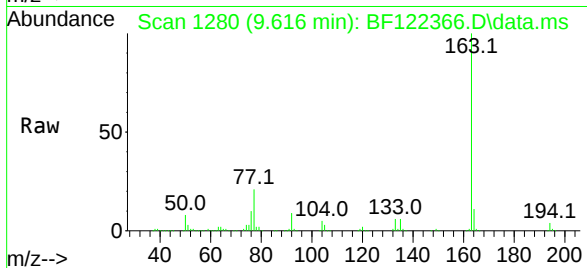




#51
2,6-Dinitrotoluene
Concen: 4.56 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.076 min
Lab File: BF122366.D
Acq: 18 Nov 2020 14:24

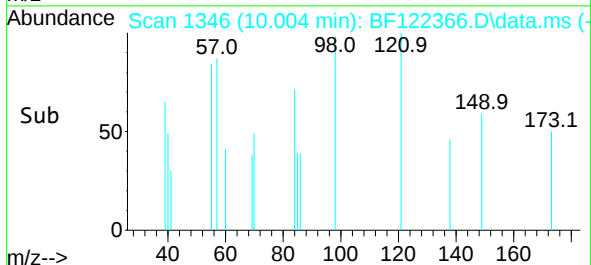
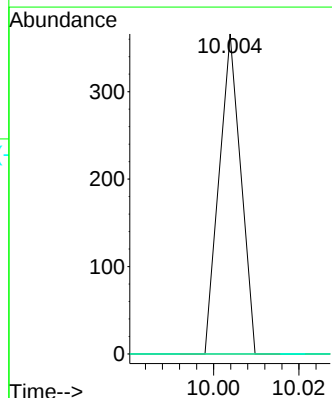
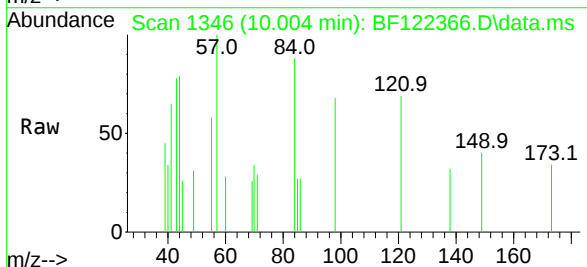
Instrument :
BNA_F
ClientSampleId :
CD-BH-01-2-3

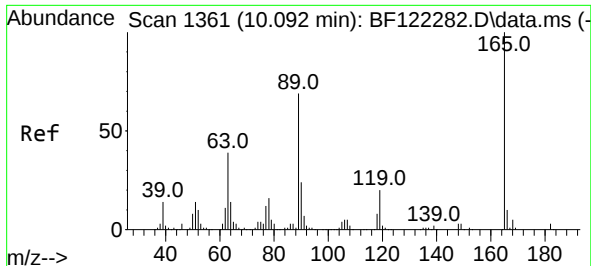
Tgt Ion:165 Resp: 6191
Ion Ratio Lower Upper
165 100
63 162.3 51.8 77.6#
89 13.0 49.0 73.6#



#53
3-Nitroaniline
Concen: 3.57 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.147 min
Lab File: BF122366.D
Acq: 18 Nov 2020 14:24

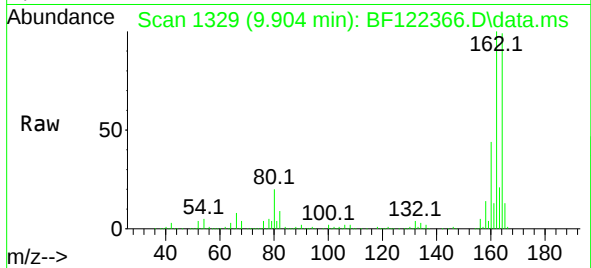
Tgt Ion:138 Resp: 129
Ion Ratio Lower Upper
138 100
108 0.0 8.6 13.0#
92 0.0 96.6 144.8#



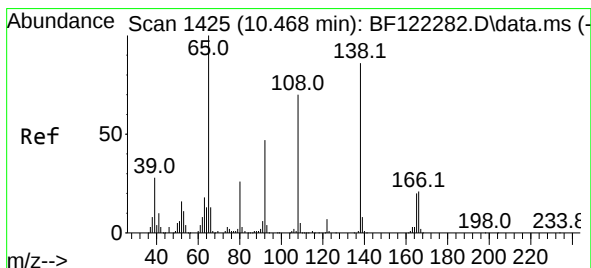
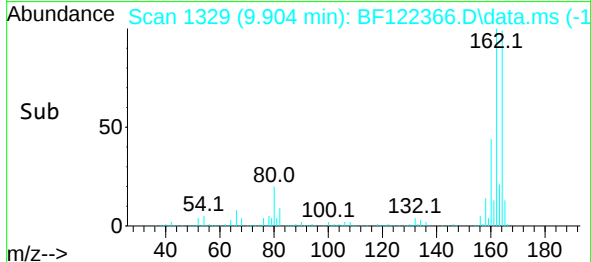
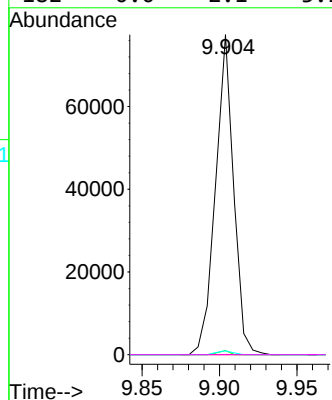


#57
2,4-Dinitrotoluene
Concen: 10.60 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122366.D
Acq: 18 Nov 2020 14:24

Instrument :
BNA_F
ClientSampleId :
CD-BH-01-2-3

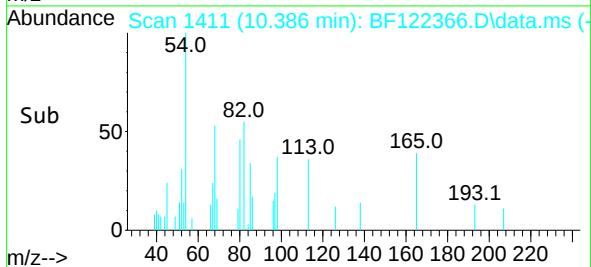
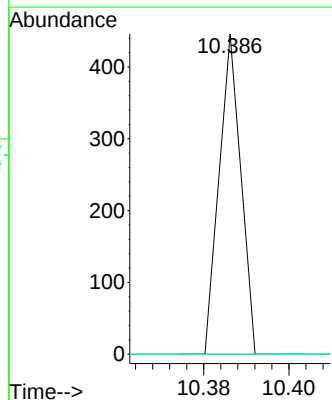
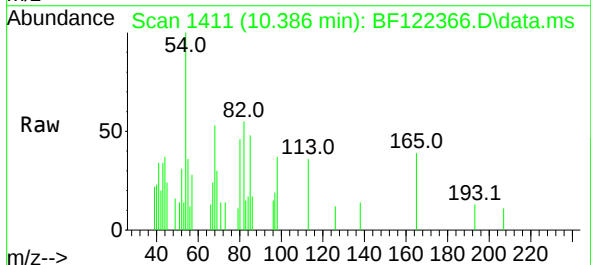


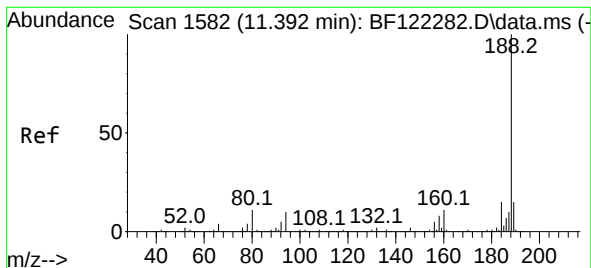
Tgt Ion:165	Resp:	62927
Ion Ratio	Lower	Upper
165	100	
63	1.3	41.3 61.9#
89	1.2	61.8 92.8#
182	0.0	2.1 3.1#



#62
4-Nitroaniline
Concen: 3.40 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.082 min
Lab File: BF122366.D
Acq: 18 Nov 2020 14:24

Tgt Ion:138	Resp:	157
Ion Ratio	Lower	Upper
138	100	
92	0.0	31.0 71.0#
108	0.0	51.5 91.5#

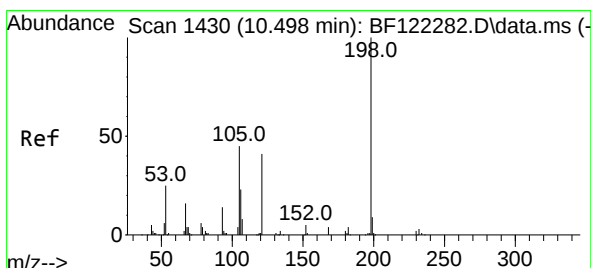
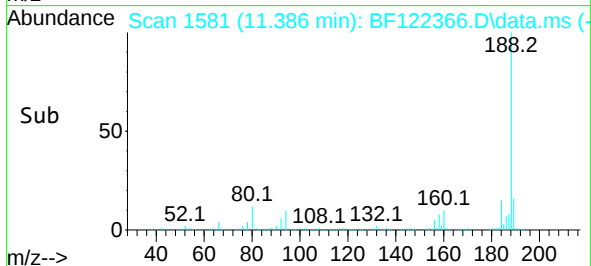
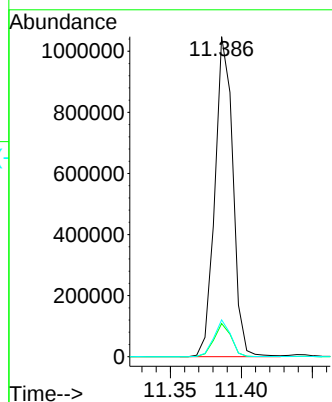
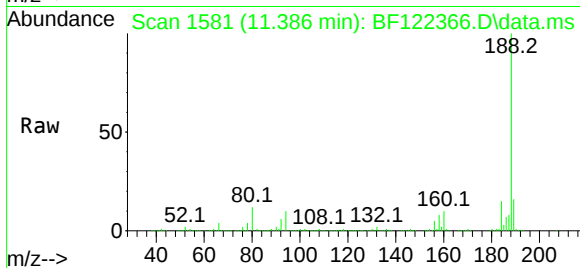




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122366.D
Acq: 18 Nov 2020 14:24

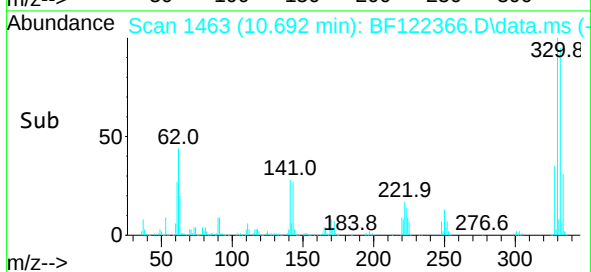
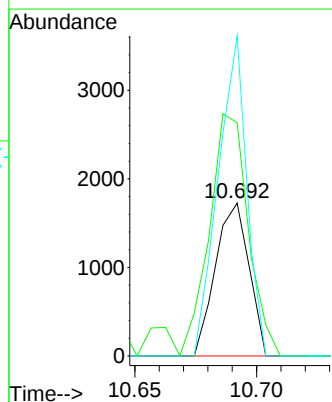
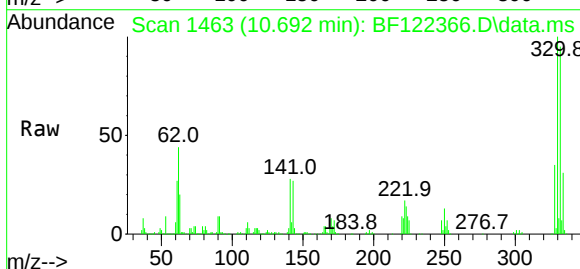
Instrument :
BNA_F
ClientSampleId :
CD-BH-01-2-3

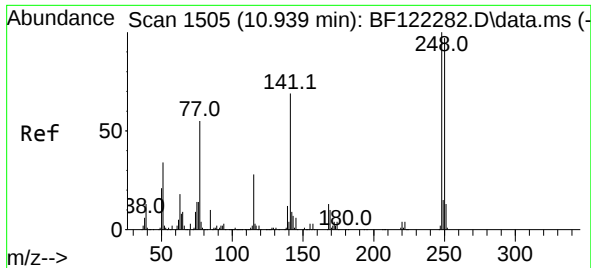
Tgt Ion:188 Resp: 924121
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 11.5 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.67 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.194 min
Lab File: BF122366.D
Acq: 18 Nov 2020 14:24

Tgt Ion:198 Resp: 1647
Ion Ratio Lower Upper
198 100
51 152.7 29.6 69.6#
105 209.4 24.4 64.4#

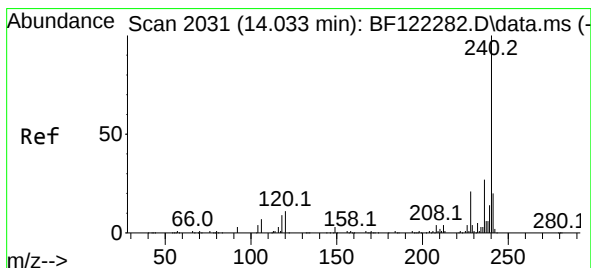
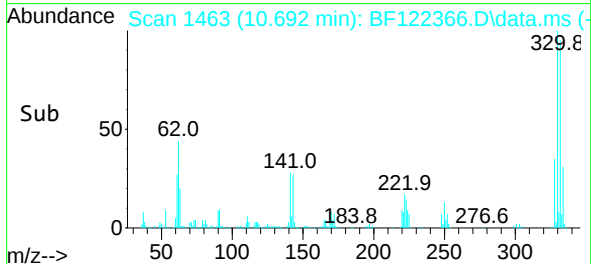
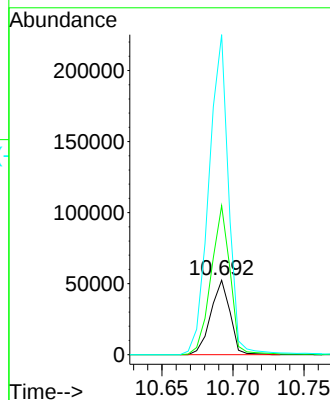
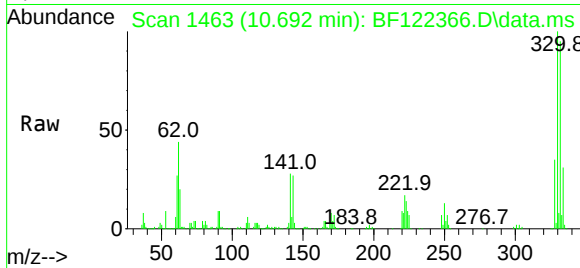




#67
4-Bromophenyl-phenylether
Concen: 4.53 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF122366.D
Acq: 18 Nov 2020 14:24

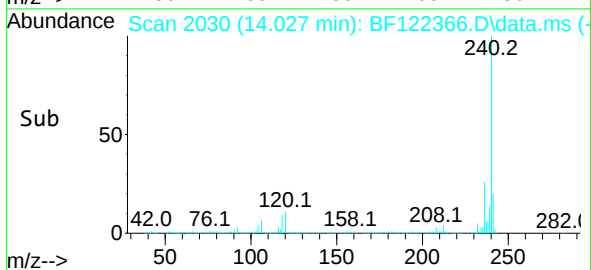
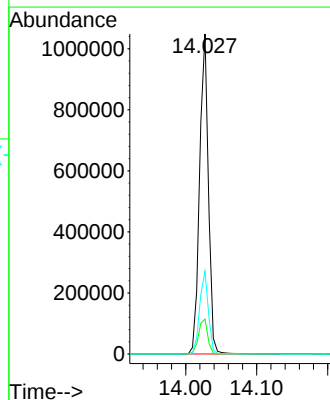
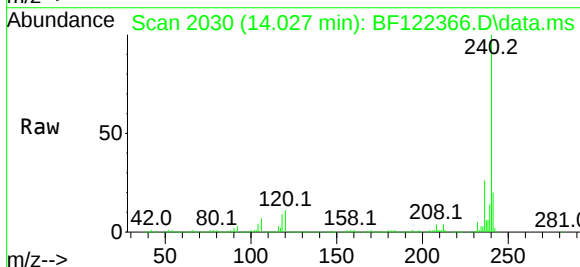
Instrument :
BNA_F
ClientSampleId :
CD-BH-01-2-3

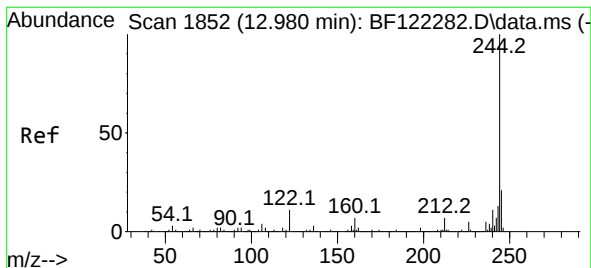
Tgt Ion:248 Resp: 49241
Ion Ratio Lower Upper
248 100
250 200.4 77.0 115.6#
141 430.3 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122366.D
Acq: 18 Nov 2020 14:24

Tgt Ion:240 Resp: 904542
Ion Ratio Lower Upper
240 100
120 10.9 9.2 13.8
236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 66.56 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF122366.D

Acq: 18 Nov 2020 14:24

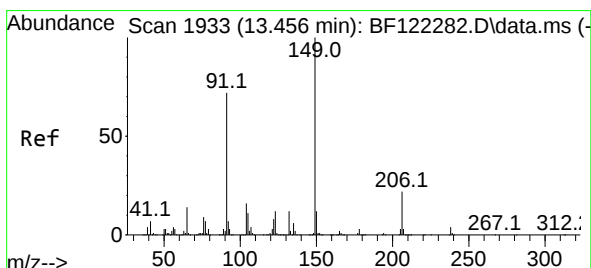
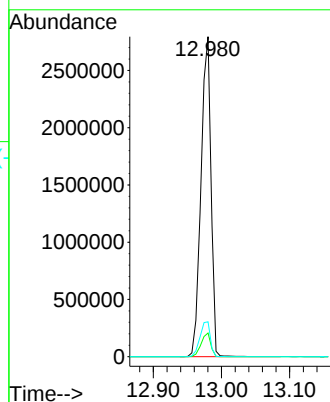
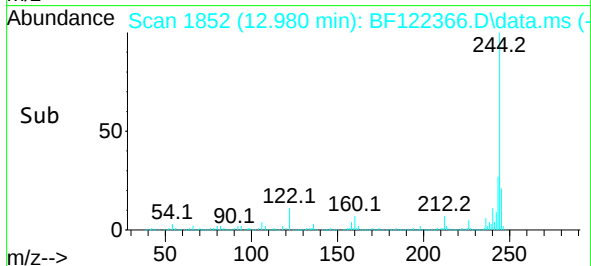
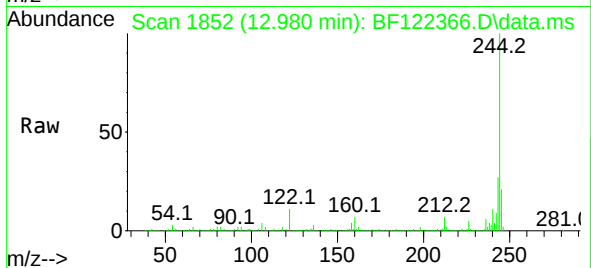
Tgt Ion:244 Resp: 2841778

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

122 10.9 8.1 12.1



#80

Butylbenzylphthalate

Concen: 3.31 ng

RT: 13.451 min Scan# 1932

Delta R.T. -0.005 min

Lab File: BF122366.D

Acq: 18 Nov 2020 14:24

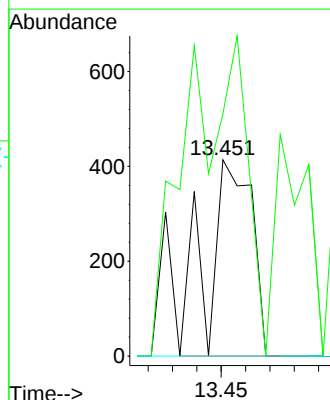
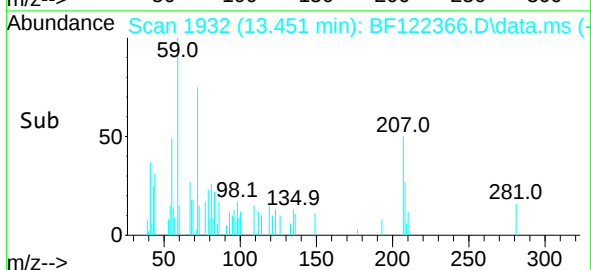
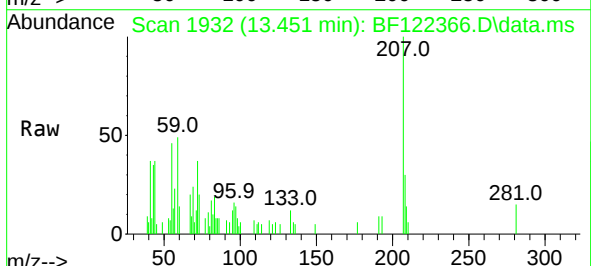
Tgt Ion:149 Resp: 523

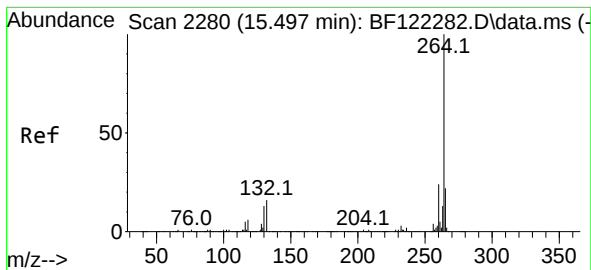
Ion Ratio Lower Upper

149 100

91 123.4 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: BF122366.D
 Acq: 18 Nov 2020 14:24

Instrument :
 BNA_F
 ClientSampleId :
 CD-BH-01-2-3

Tgt Ion:264 Resp: 879947
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.6 17.3 25.9

