

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101620\
 Data File : BF122021.D
 Acq On : 16 Oct 2020 20:25
 Operator : JU/CG
 Sample : L4374-06 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S3

Quant Time: Oct 17 00:00:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 12:55:05 2020
 Response via : Initial Calibration

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

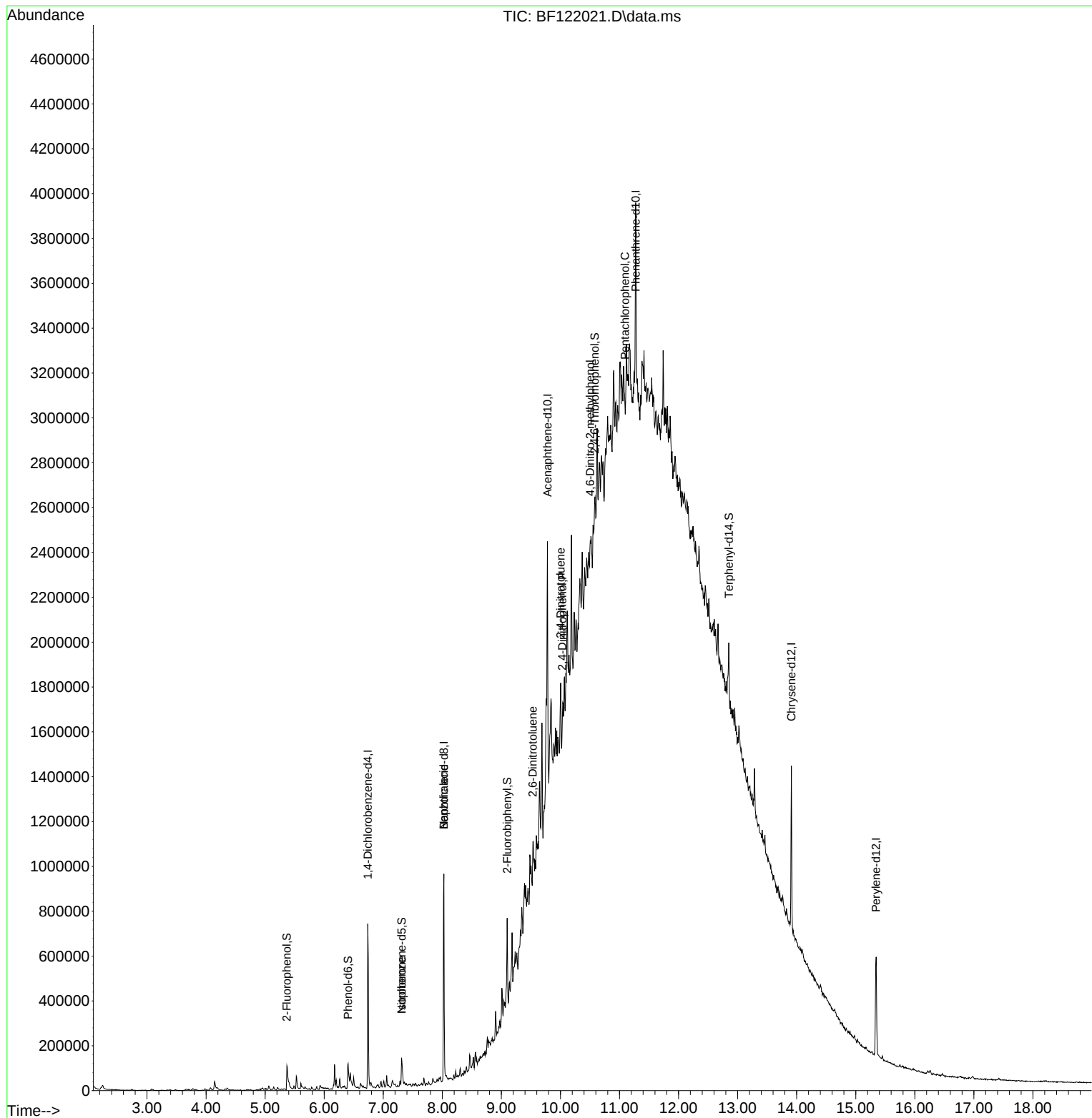
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	112046	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	436387	20.00	ng	0.00
39) Acenaphthene-d10	9.780	164	189212	20.00	ng	0.00
64) Phenanthrene-d10	11.274	188	274276	20.00	ng	# 0.01
76) Chrysene-d12	13.910	240	249752	20.00	ng	0.00
86) Perylene-d12	15.345	264	203763	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	60575	7.98	ng	0.00
7) Phenol-d6	6.404	99	61720	6.32	ng	0.01
23) Nitrobenzene-d5	7.310	82	55954	6.58	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	16217	6.93	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	107922	8.39	ng	0.00
79) Terphenyl-d14	12.851	244	77611	5.92	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.316	77	1124	Below Cal		86
25) Isophorone	7.310	82	55954	3.48 ng	#	68
32) Benzoic acid	8.028	122	111	7.71 ng	#	1
51) 2,6-Dinitrotoluene	9.533	165	13899	4.58 ng	#	31
54) 2,4-Dinitrophenol	10.033	184	299	8.86 ng	#	1
57) 2,4-Dinitrotoluene	10.004	165	7519	2.01 ng	#	26
65) 4,6-Dinitro-2-methylph...	10.504	198	430	4.65 ng	#	1
70) Pentachlorophenol	11.092	266	841	8.48 ng	#	1

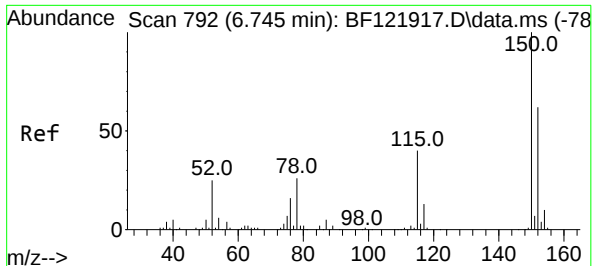
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101620\
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Instrument :
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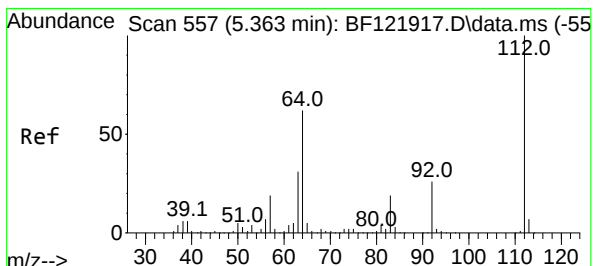
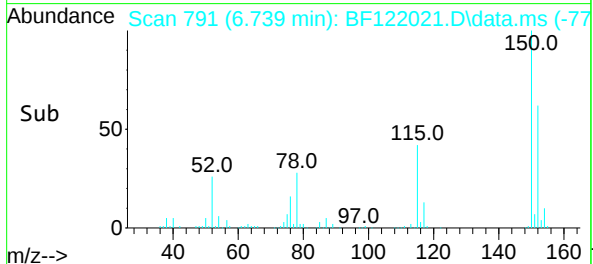
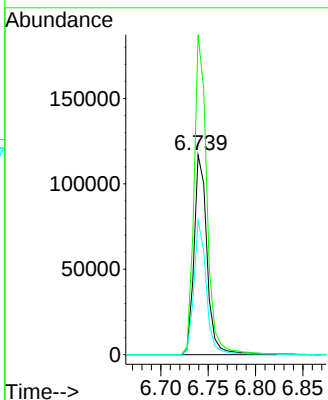
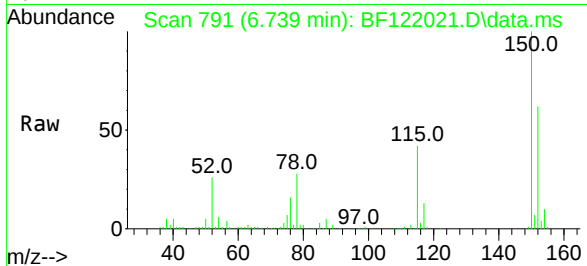




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF122021.D
Acq: 16 Oct 2020 20:25

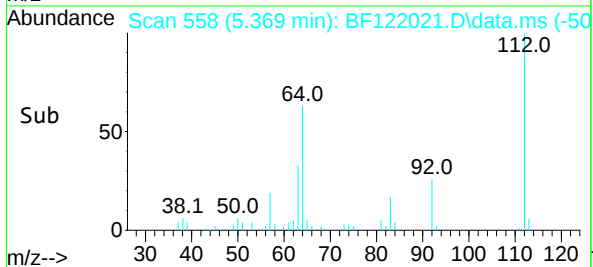
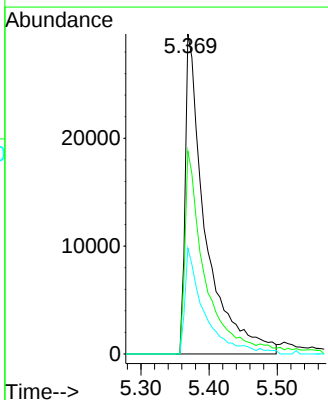
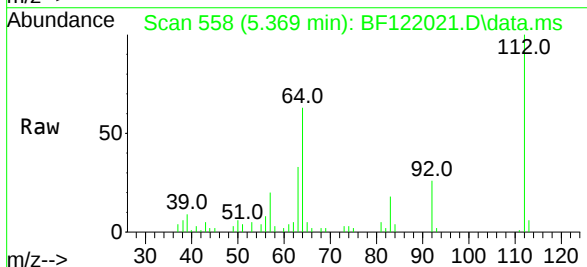
Instrument :
BNA_F
ClientSampleId :
S3

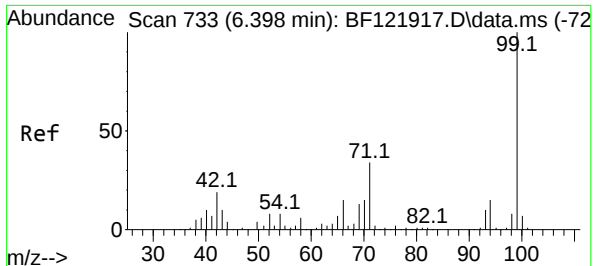
Tgt Ion:152 Resp: 112046
Ion Ratio Lower Upper
152 100
150 160.2 125.3 187.9
115 67.4 51.9 77.9



#5
2-Fluorophenol
Concen: 7.98 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF122021.D
Acq: 16 Oct 2020 20:25

Tgt Ion:112 Resp: 60575
Ion Ratio Lower Upper
112 100
64 63.4 50.4 75.6
63 33.0 25.8 38.6

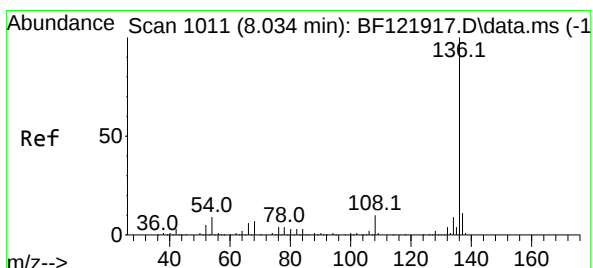
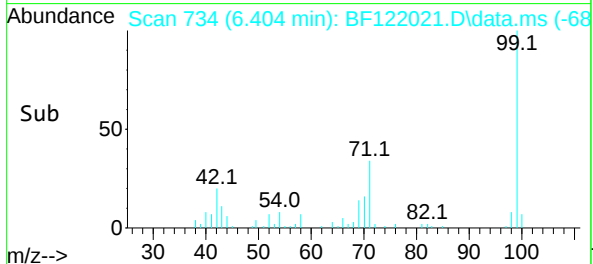
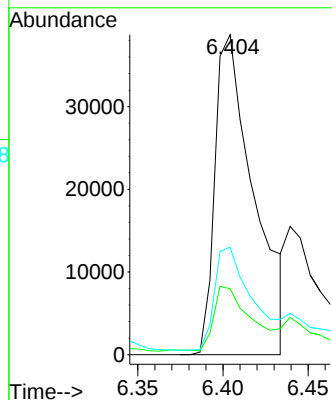
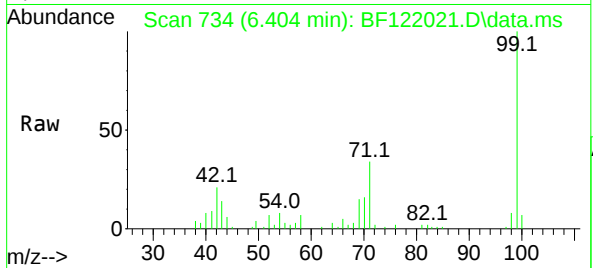




#7
Phenol-d6
Concen: 6.32 ng
RT: 6.404 min Scan# 734
Delta R.T. 0.012 min
Lab File: BF122021.D
Acq: 16 Oct 2020 20:25

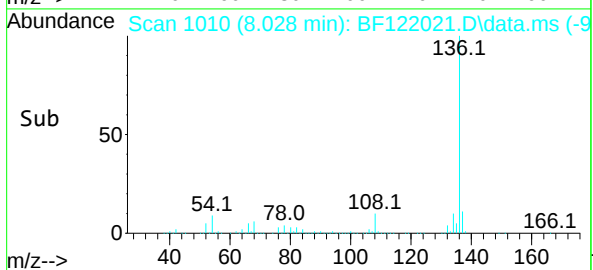
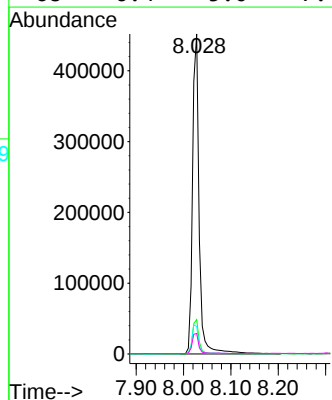
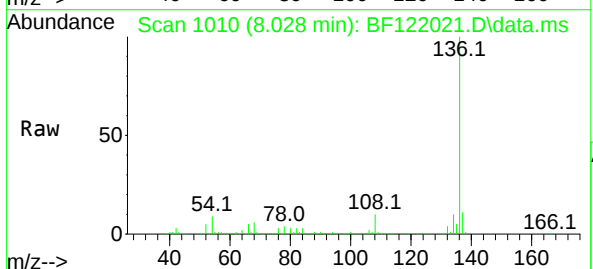
Instrument :
BNA_F
ClientSampleId :
S3

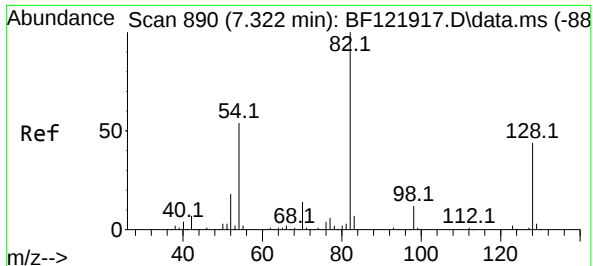
Tgt Ion: 99 Resp: 61720
Ion Ratio Lower Upper
99 100
42 20.6 15.9 23.9
71 33.6 27.1 40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF122021.D
Acq: 16 Oct 2020 20:25

Tgt Ion: 136 Resp: 436387
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.6 7.1 10.7
68 6.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 6.58 ng

RT: 7.310 min Scan# 888

Delta R.T. -0.006 min

Lab File: BF122021.D

Acq: 16 Oct 2020 20:25

Tgt Ion: 82 Resp: 55954

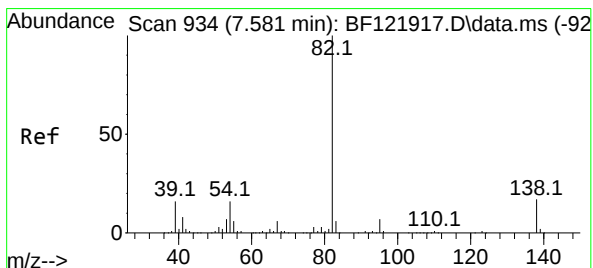
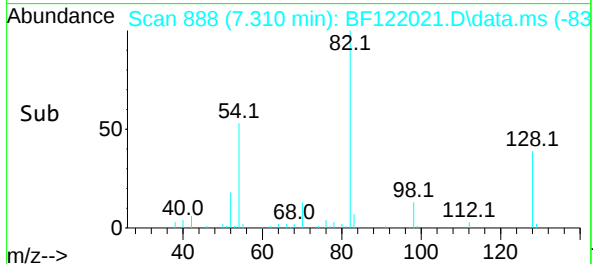
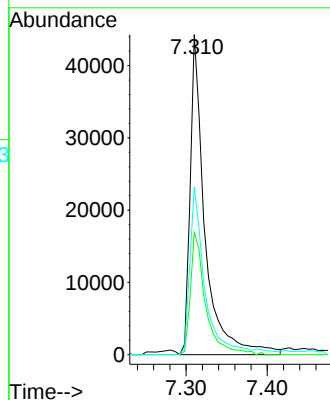
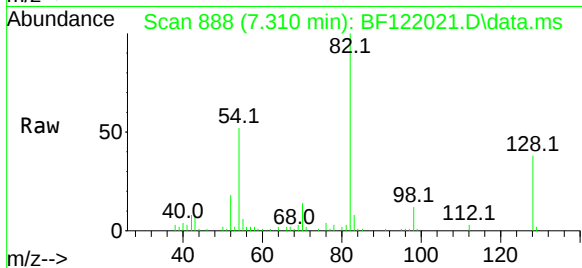
Ion	Ratio	Lower	Upper
82	100		
128	38.2	35.0	52.4
54	52.5	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

S3



#25

Isophorone

Concen: 3.48 ng

RT: 7.310 min Scan# 888

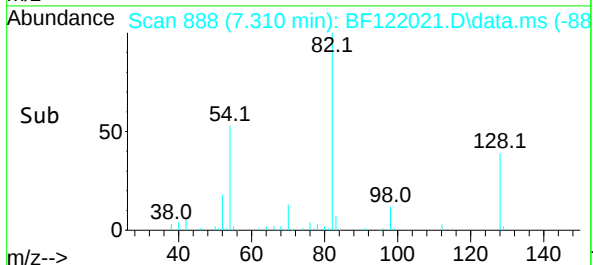
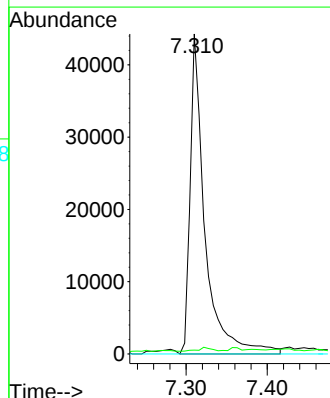
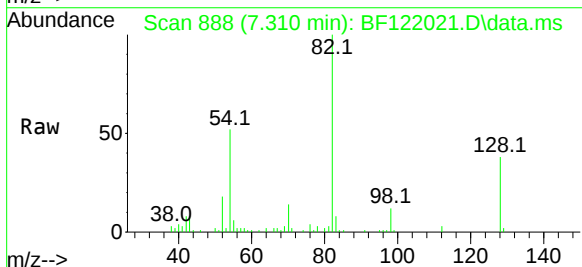
Delta R.T. -0.265 min

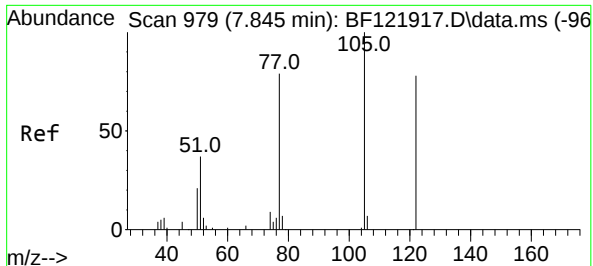
Lab File: BF122021.D

Acq: 16 Oct 2020 20:25

Tgt Ion: 82 Resp: 55954

Ion	Ratio	Lower	Upper
82	100		
95	1.2	5.4	8.0#
138	0.0	13.4	20.0#

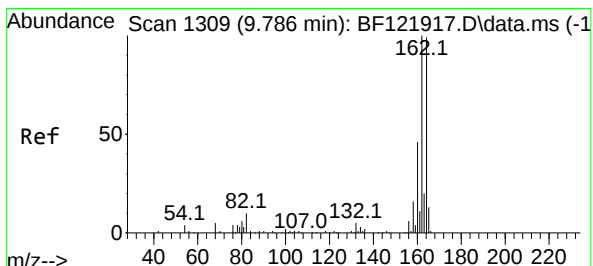
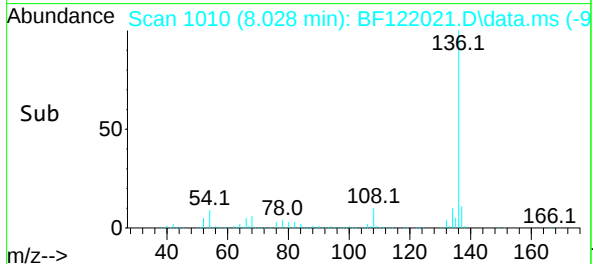
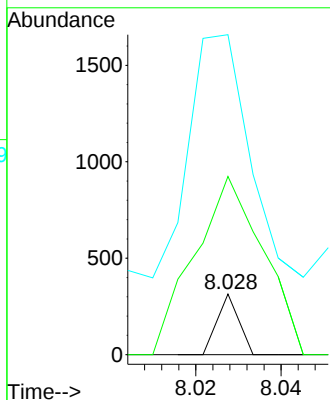
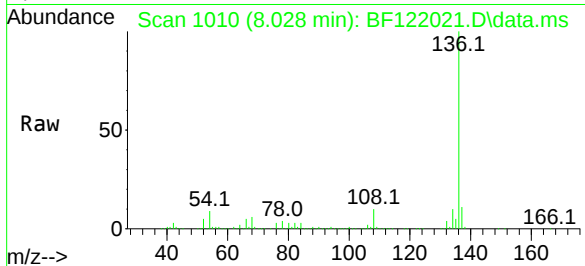




#32
Benzoic acid
Concen: 7.71 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.188 min
Lab File: BF122021.D
Acq: 16 Oct 2020 20:25

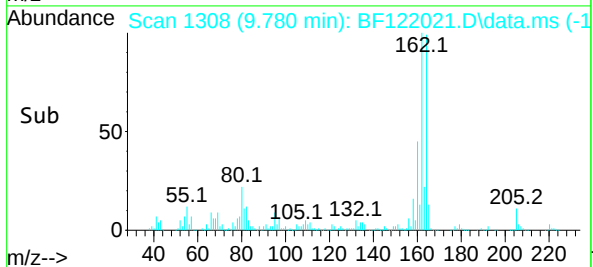
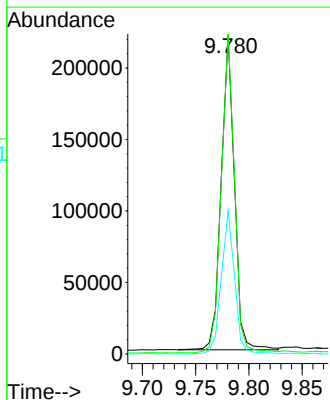
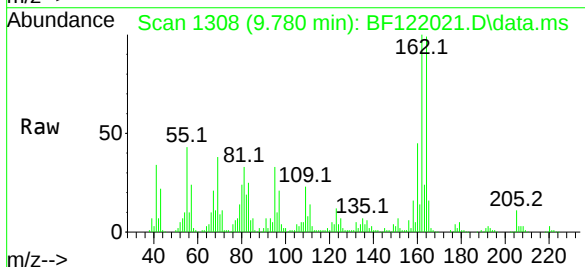
Instrument :
BNA_F
ClientSampleId :
S3

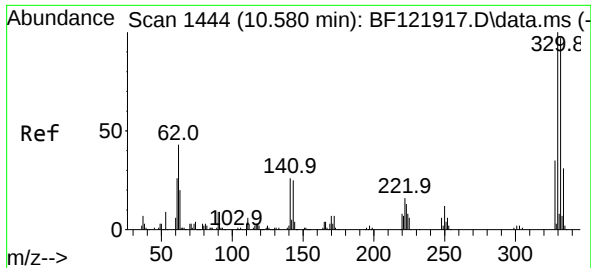
Tgt Ion:122 Resp: 111
Ion Ratio Lower Upper
122 100
105 294.3 103.3 143.3#
77 528.3 73.9 113.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.780 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BF122021.D
Acq: 16 Oct 2020 20:25

Tgt Ion:164 Resp: 189212
Ion Ratio Lower Upper
164 100
162 100.5 83.2 124.8
160 45.0 37.5 56.3

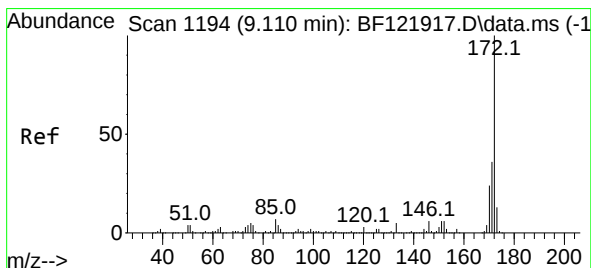
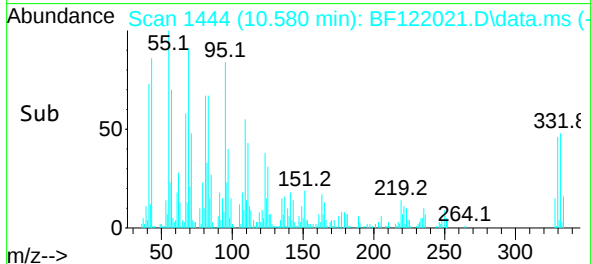
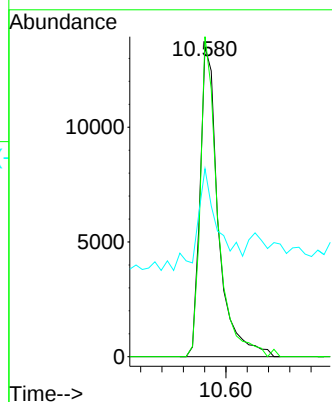
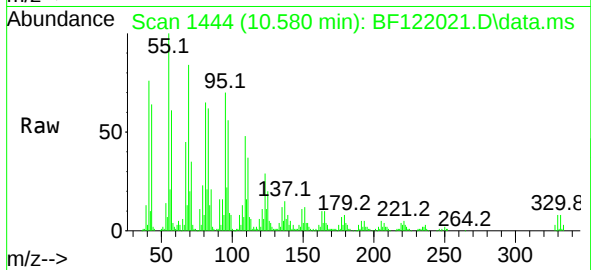




#42
2,4,6-Tribromophenol
Concen: 6.93 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF122021.D
Acq: 16 Oct 2020 20:25

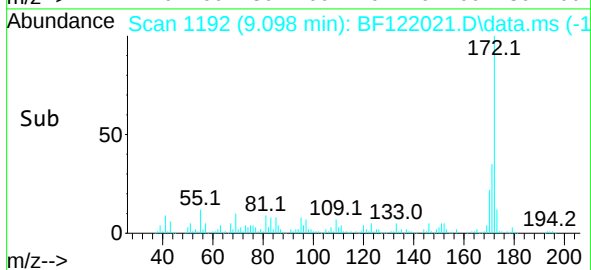
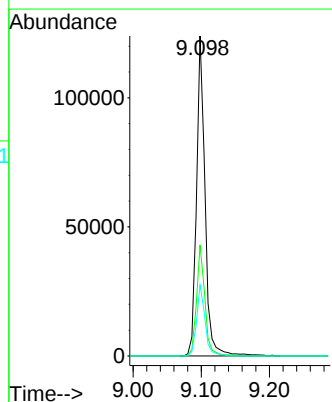
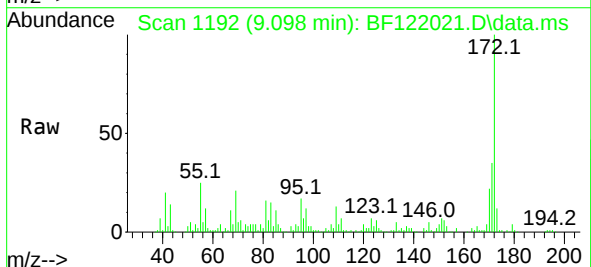
Instrument :
BNA_F
ClientSampleId :
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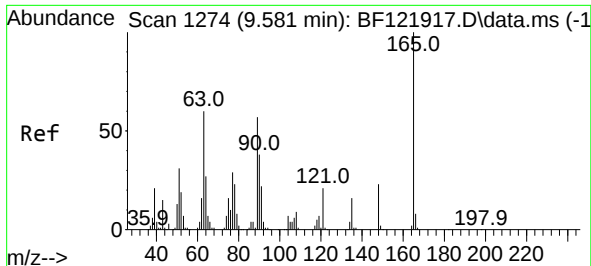
Tgt Ion: 330 Resp: 16217
Ion Ratio Lower Upper
330 100
332 98.4 77.3 115.9
141 37.3 22.3 33.5#



#45
2-Fluorobiphenyl
Concen: 8.39 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF122021.D
Acq: 16 Oct 2020 20:25

Tgt Ion: 172 Resp: 107922
Ion Ratio Lower Upper
172 100
171 34.7 29.1 43.7
170 22.2 19.8 29.6

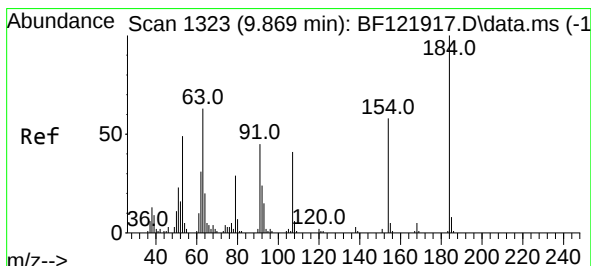
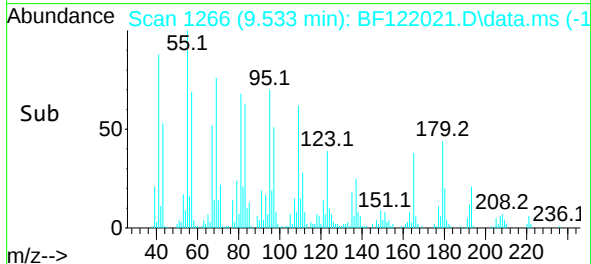
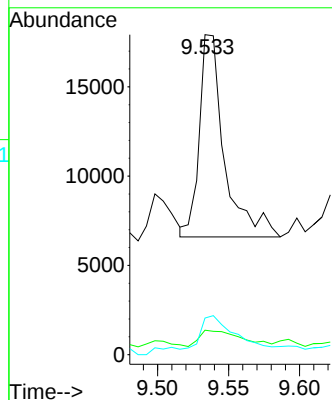
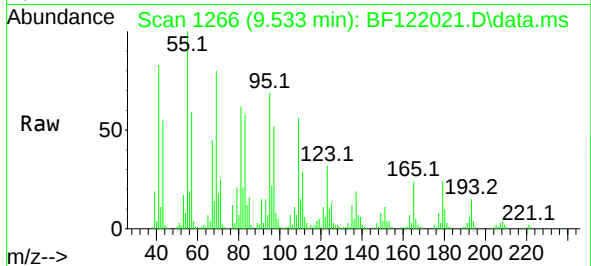




#51
2,6-Dinitrotoluene
Concen: 4.58 ng
RT: 9.533 min Scan# 1266
Delta R.T. -0.041 min
Lab File: BF122021.D
Acq: 16 Oct 2020 20:25

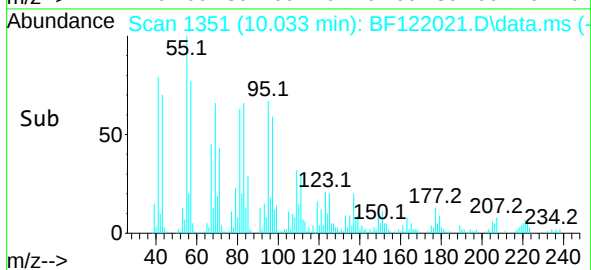
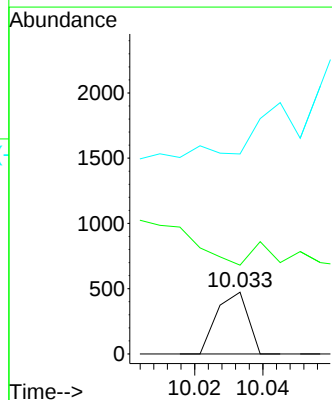
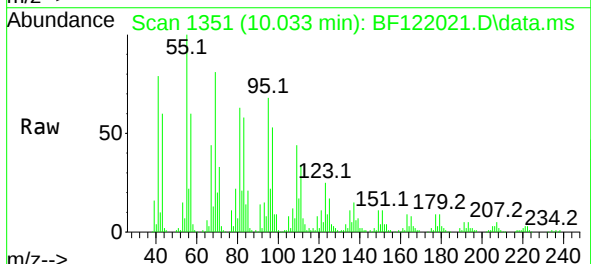
Instrument :
BNA_F
ClientSampleId :
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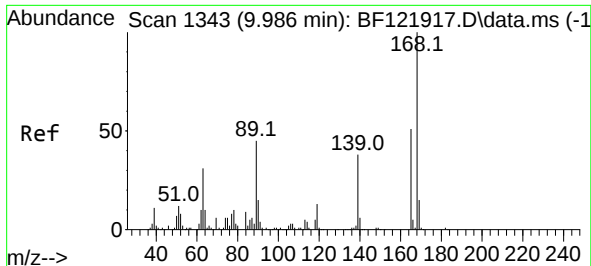
Tgt Ion:165 Resp: 13899
Ion Ratio Lower Upper
165 100
63 7.6 51.8 77.6#
89 11.4 49.0 73.6#



#54
2,4-Dinitrophenol
Concen: 8.86 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.165 min
Lab File: BF122021.D
Acq: 16 Oct 2020 20:25

Tgt Ion:184 Resp: 299
Ion Ratio Lower Upper
184 100
63 143.8 45.9 68.9#
154 323.9 45.8 68.6#

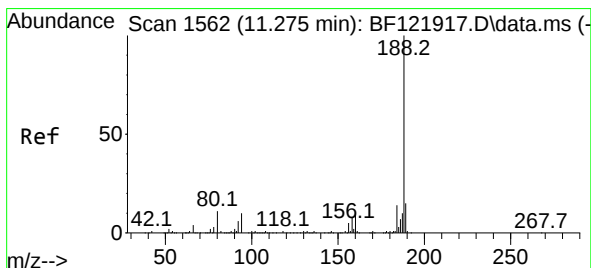
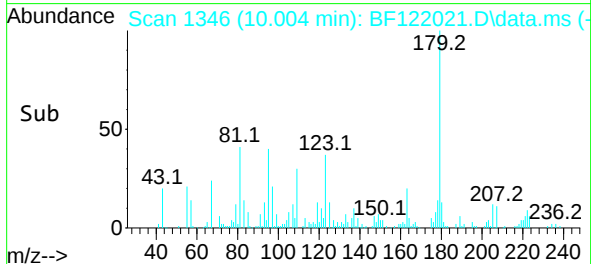
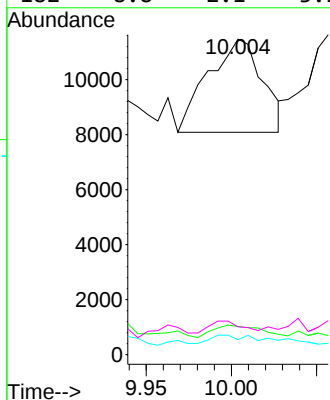
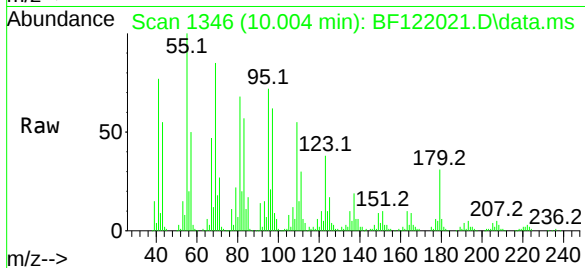




#57
2,4-Dinitrotoluene
Concen: 2.01 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.018 min
Lab File: BF122021.D
Acq: 16 Oct 2020 20:25

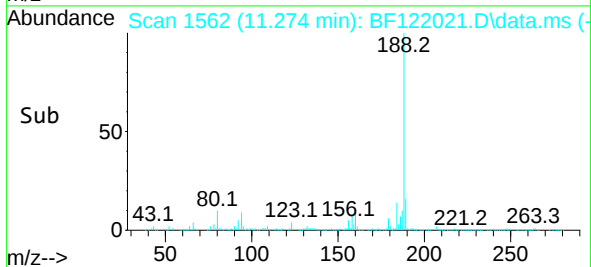
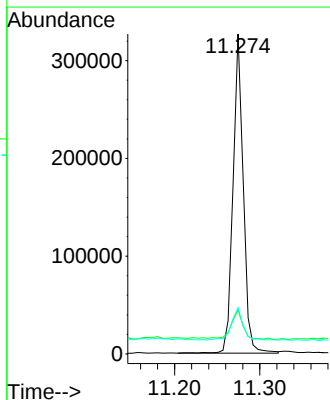
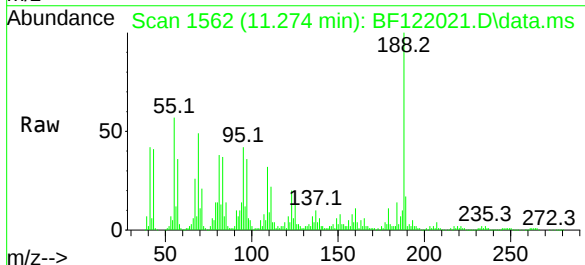
Instrument :
BNA_F
ClientSampleId :
S3

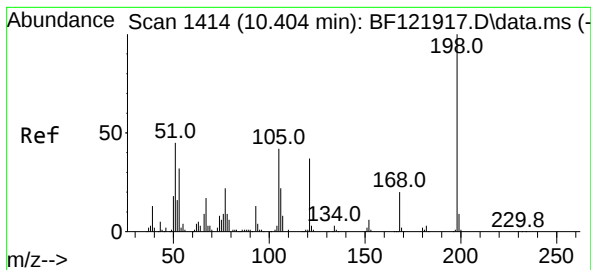
Tgt Ion:165 Resp: 7519
Ion Ratio Lower Upper
165 100
63 8.9 41.3 61.9#
89 4.8 61.8 92.8#
182 8.8 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.274 min Scan# 1562
Delta R.T. 0.012 min
Lab File: BF122021.D
Acq: 16 Oct 2020 20:25

Tgt Ion:188 Resp: 274276
Ion Ratio Lower Upper
188 100
94 13.7 8.3 12.5#
80 14.4 9.1 13.7#

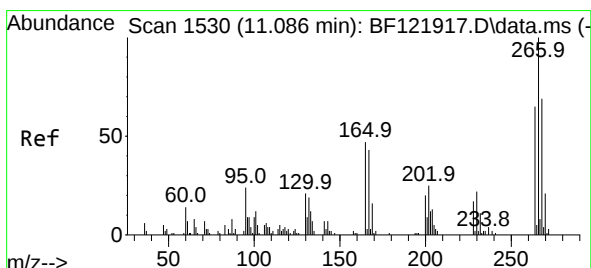
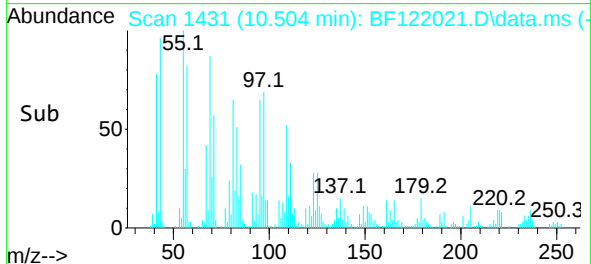
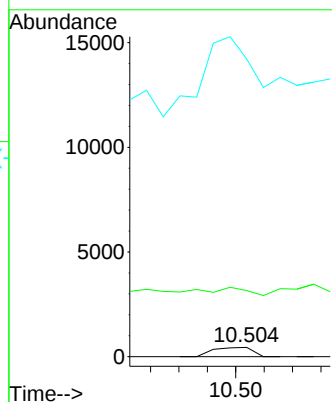
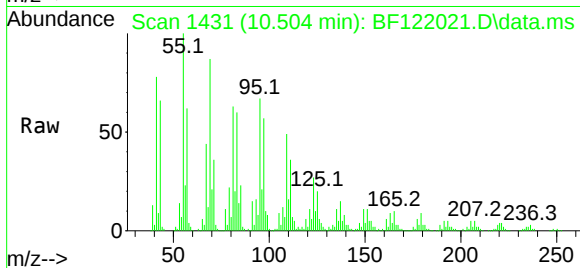




#65
4,6-Dinitro-2-methylphenol
Concen: 4.65 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.106 min
Lab File: BF122021.D
Acq: 16 Oct 2020 20:25

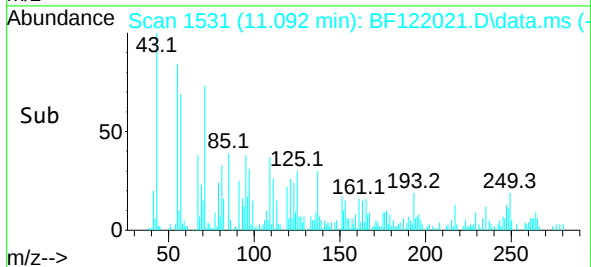
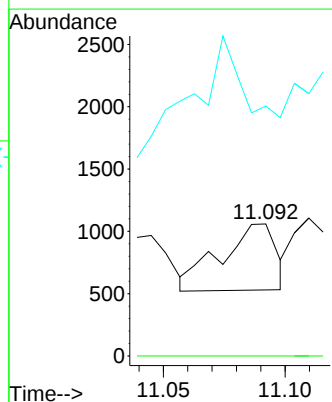
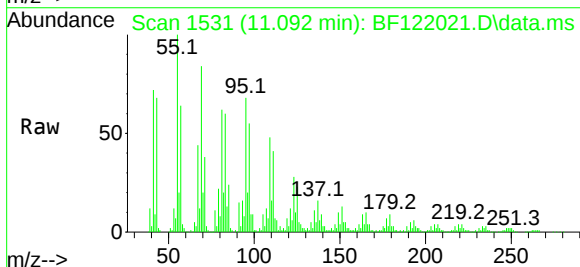
Instrument :
BNA_F
ClientSampleId :
S3

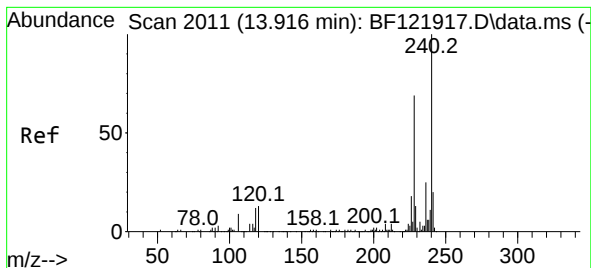
Tgt Ion:198 Resp: 430
Ion Ratio Lower Upper
198 100
51 711.7 29.6 69.6#
105 3201.4 24.4 64.4#



#70
Pentachlorophenol
Concen: 8.48 ng
RT: 11.092 min Scan# 1531
Delta R.T. 0.012 min
Lab File: BF122021.D
Acq: 16 Oct 2020 20:25

Tgt Ion:266 Resp: 841
Ion Ratio Lower Upper
266 100
268 0.0 52.4 78.6#
264 189.2 49.9 74.9#

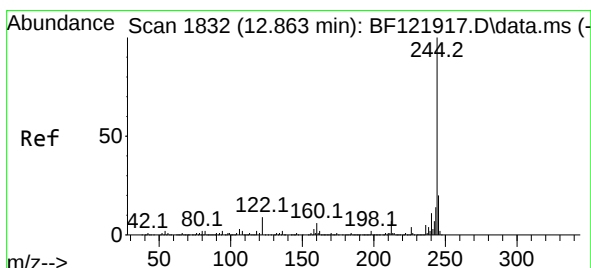
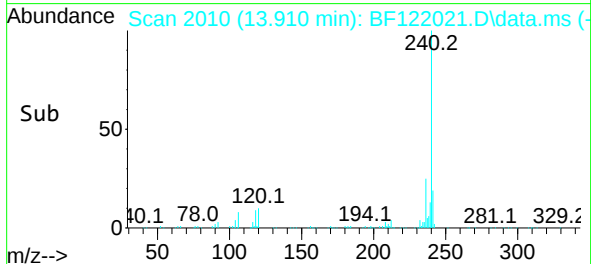
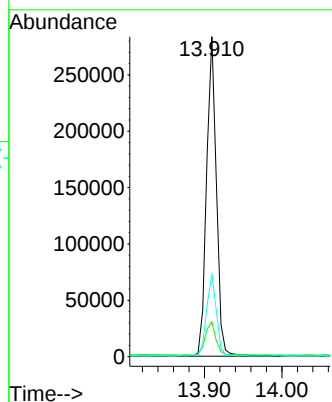
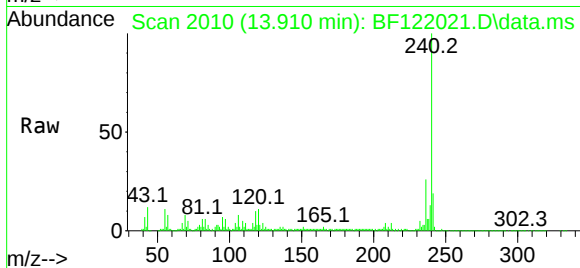




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.910 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF122021.D
Acq: 16 Oct 2020 20:25

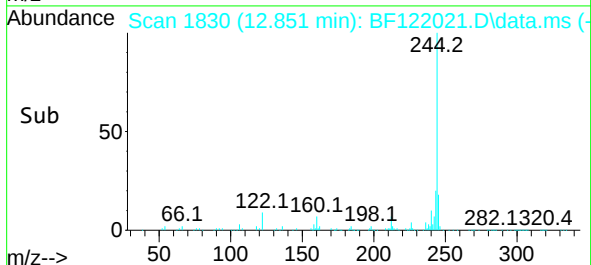
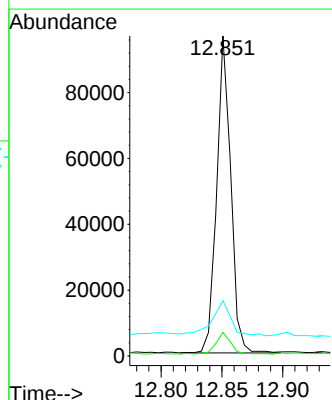
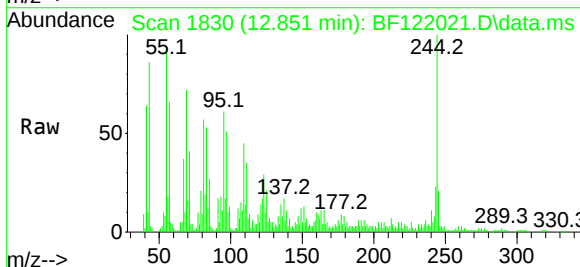
Instrument :
BNA_F
ClientSampleId :
S3

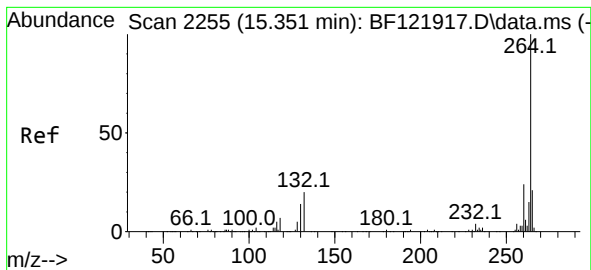
Tgt Ion:240 Resp: 249752
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 25.5 20.9 31.3



#79
Terphenyl-d14
Concen: 5.92 ng
RT: 12.851 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF122021.D
Acq: 16 Oct 2020 20:25

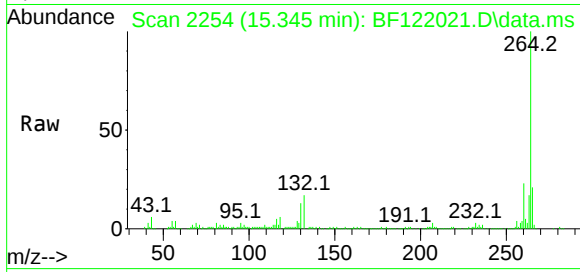
Tgt Ion:244 Resp: 77611
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 17.3 8.1 12.1#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.345 min Scan# 2254
Delta R.T. 0.006 min
Lab File: BF122021.D
Acq: 16 Oct 2020 20:25

Instrument :
BNA_F
ClientSampleId :
S3



Tgt Ion:264 Resp: 203763

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.2	17.3	25.9

