

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
 Data File : BF122037.D
 Acq On : 20 Oct 2020 19:09
 Operator : JU/CG
 Sample : L4222-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-101920

Quant Time: Oct 21 00:37:31 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)

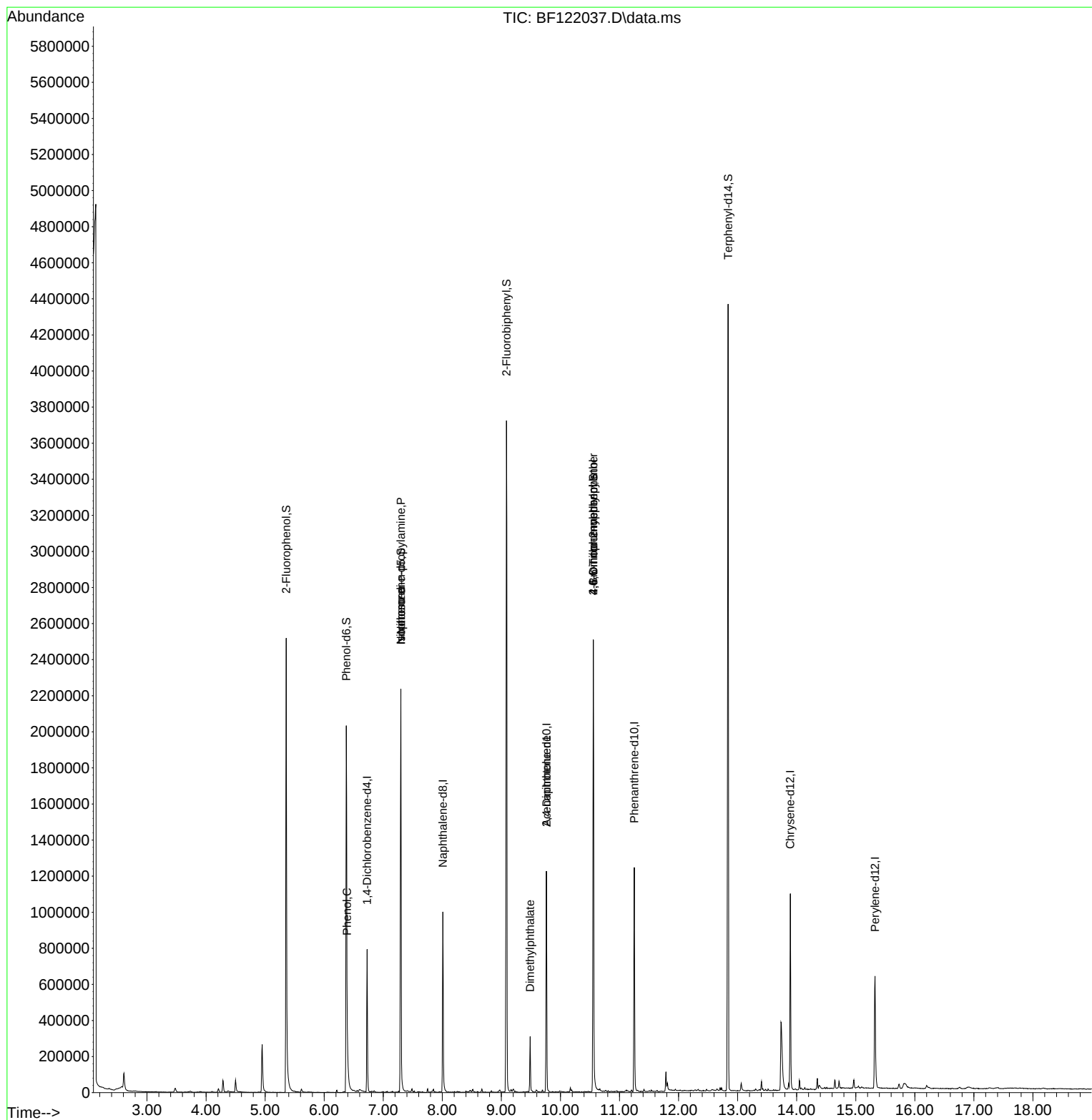
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	112086	20.00	ng	-0.02
21) Naphthalene-d8	8.010	136	449537	20.00	ng	-0.02
39) Acenaphthene-d10	9.763	164	236997	20.00	ng	-0.02
64) Phenanthrene-d10	11.251	188	458127	20.00	ng	-0.01
76) Chrysene-d12	13.892	240	352914	20.00	ng	-0.02
86) Perylene-d12	15.327	264	280858	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	721455	95.00	ng	0.00
7) Phenol-d6	6.375	99	781348	79.92	ng	-0.02
23) Nitrobenzene-d5	7.298	82	736006	83.97	ng	-0.02
42) 2,4,6-Tribromophenol	10.557	330	356517	121.61	ng	-0.02
45) 2-Fluorobiphenyl	9.086	172	1286986	79.90	ng	-0.02
79) Terphenyl-d14	12.839	244	1501460	81.08	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.381	77	1548	Below Cal	#	3
10) Phenol	6.387	94	50244	4.98	ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	100902	18.13	ng	# 79
25) Isophorone	7.298	82	735997	44.41	ng	# 67
50) Dimethylphthalate	9.486	163	119300	6.88	ng	100
57) 2,4-Dinitrotoluene	9.763	165	30894	6.60	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.557	198	686	4.64	ng	# 1
67) 4-Bromophenyl-phenylether	10.557	248	20307	3.84	ng	# 1

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

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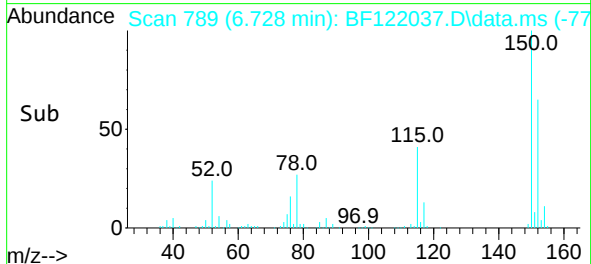
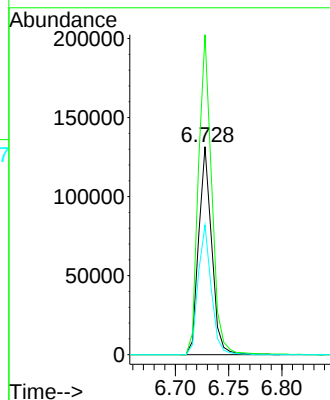
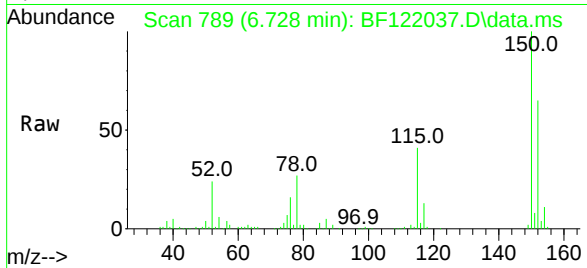




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.017 min
Lab File: BF122037.D
Acq: 20 Oct 2020 19:09

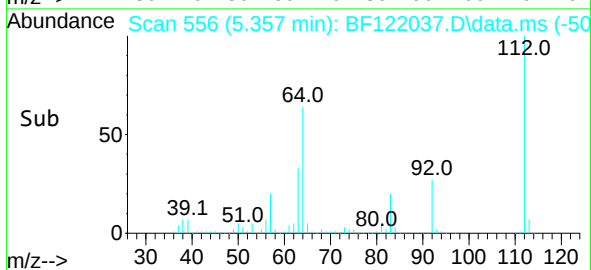
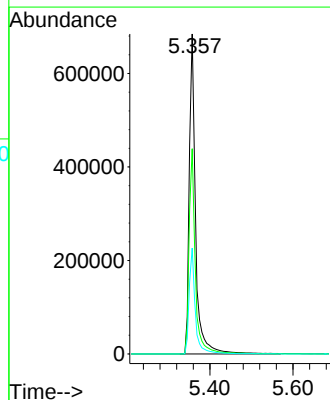
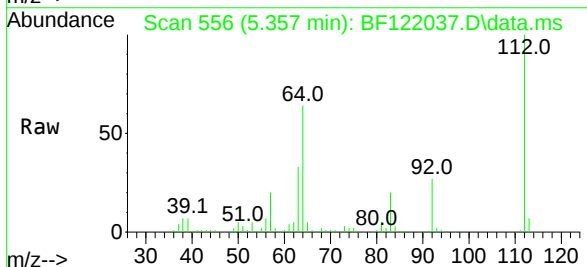
Instrument :
BNA_F
ClientSampleId :
EO-03-101920

Tgt Ion:152 Resp: 112086
Ion Ratio Lower Upper
152 100
150 153.8 125.3 187.9
115 62.3 51.9 77.9



#5
2-Fluorophenol
Concen: 95.00 ng
RT: 5.357 min Scan# 556
Delta R.T. -0.006 min
Lab File: BF122037.D
Acq: 20 Oct 2020 19:09

Tgt Ion:112 Resp: 721455
Ion Ratio Lower Upper
112 100
64 64.2 50.4 75.6
63 33.1 25.8 38.6

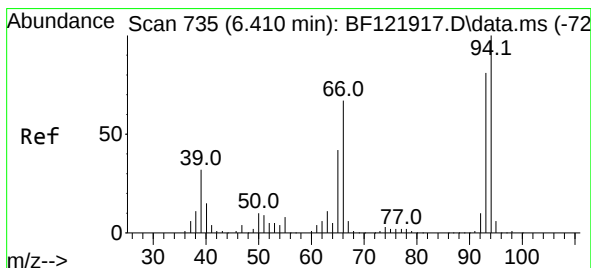
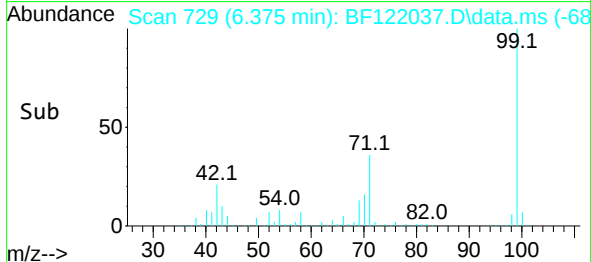
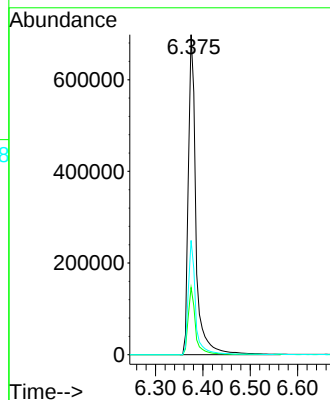
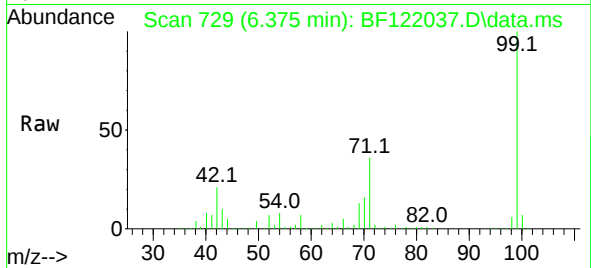




#7
Phenol-d6
Concen: 79.92 ng
RT: 6.375 min Scan# 729
Delta R.T. -0.018 min
Lab File: BF122037.D
Acq: 20 Oct 2020 19:09

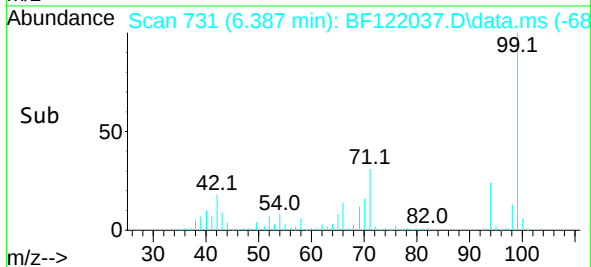
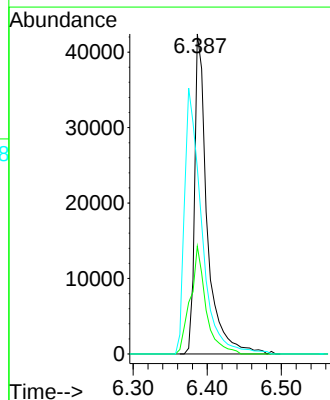
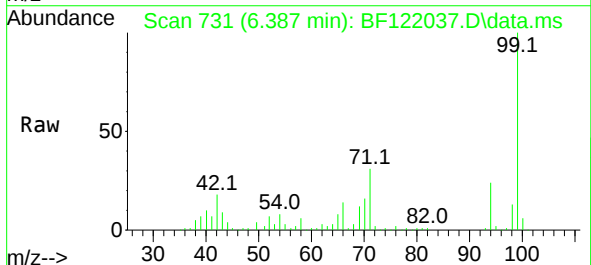
Instrument :
BNA_F
ClientSampleId :
EO-03-101920

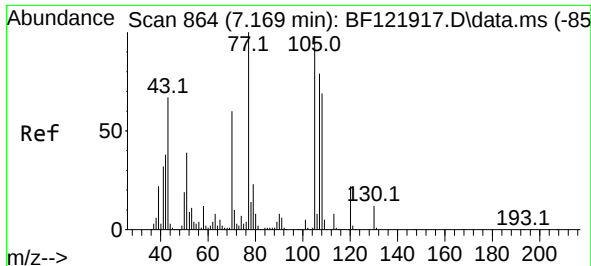
Tgt Ion: 99 Resp: 781348
Ion Ratio Lower Upper
99 100
42 21.0 15.9 23.9
71 35.7 27.1 40.7



#10
Phenol
Concen: 4.98 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.018 min
Lab File: BF122037.D
Acq: 20 Oct 2020 19:09

Tgt Ion: 94 Resp: 50244
Ion Ratio Lower Upper
94 100
65 33.6 17.1 57.1
66 58.2 36.0 76.0



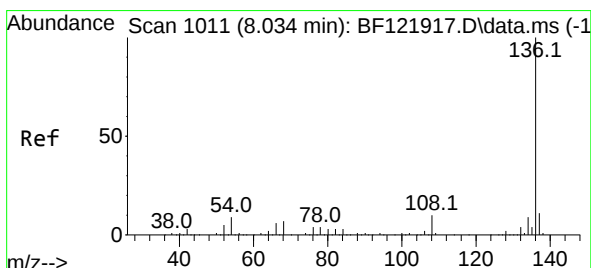
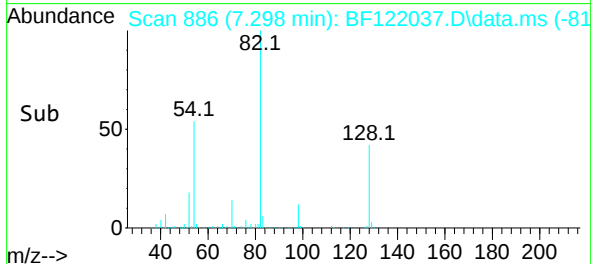
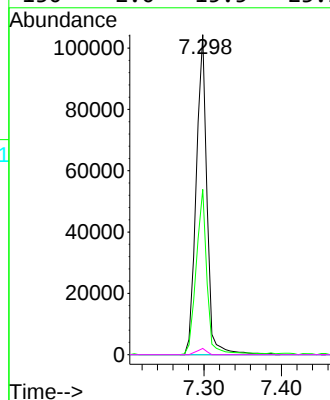
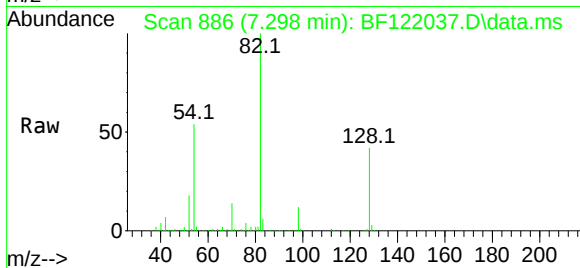


#19

n-Nitroso-di-n-propylamine
Concen: 18.13 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.135 min
Lab File: BF122037.D
Acq: 20 Oct 2020 19:09

Instrument :
BNA_F
ClientSampleId :
EO-03-101920

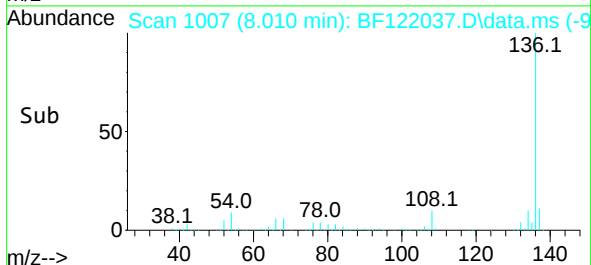
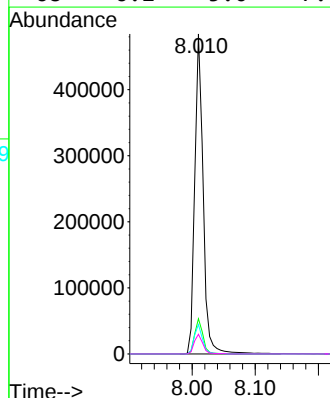
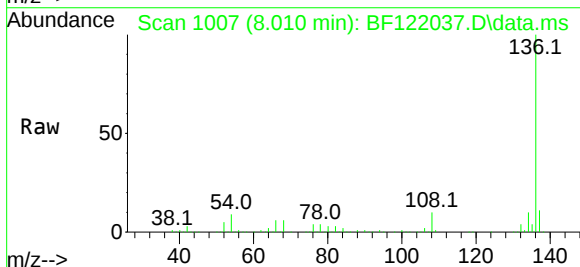
Tgt Ion: 70	Resp: 100902
Ion Ratio	Lower Upper
70 100	
42 51.7	50.2 75.4
101 0.0	7.5 11.3#
130 2.0	15.5 23.3#

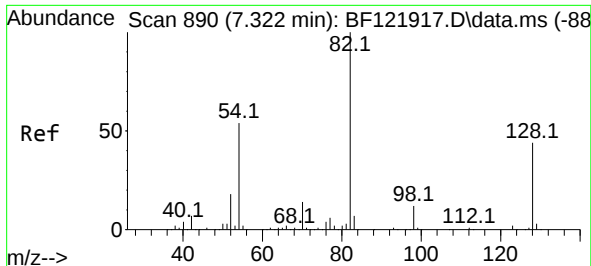


#21

Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.018 min
Lab File: BF122037.D
Acq: 20 Oct 2020 19:09

Tgt Ion: 136	Resp: 449537
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 13.0
54 9.2	7.1 10.7
68 6.2	5.0 7.4





#23

Nitrobenzene-d5

Concen: 83.97 ng

RT: 7.298 min Scan# 886

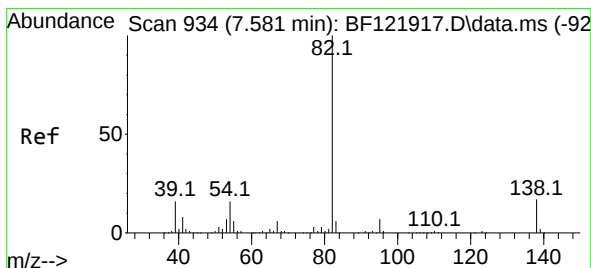
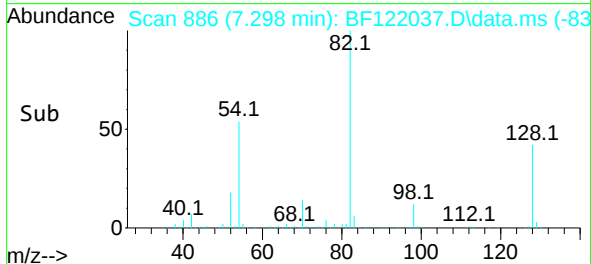
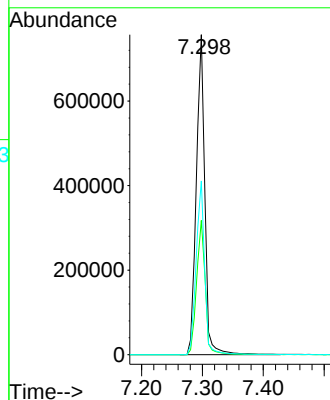
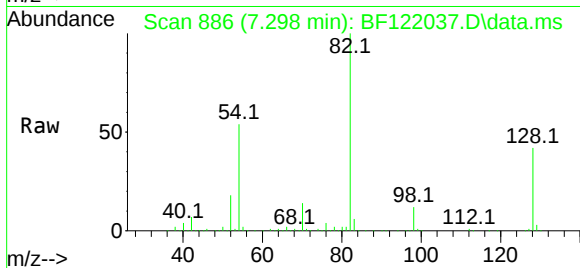
Delta R.T. -0.018 min

Lab File: BF122037.D

Acq: 20 Oct 2020 19:09

Tgt Ion: 82 Resp: 736006

Ion	Ratio	Lower	Upper
82	100		
128	42.0	35.0	52.4
54	54.3	43.9	65.9



#25

Isophorone

Concen: 44.41 ng

RT: 7.298 min Scan# 886

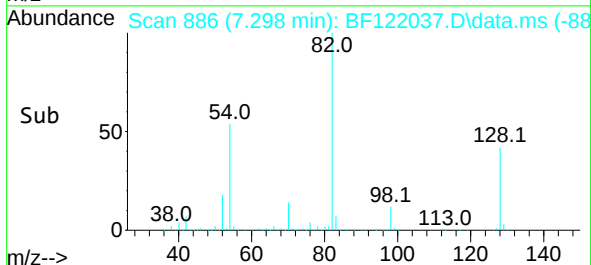
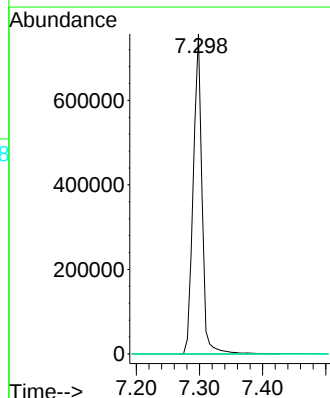
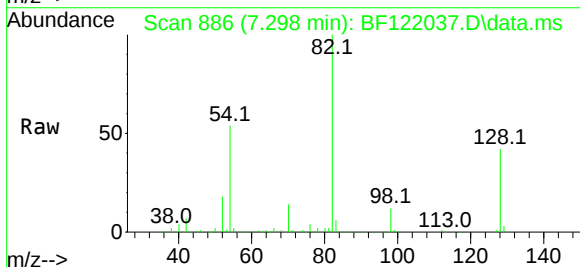
Delta R.T. -0.276 min

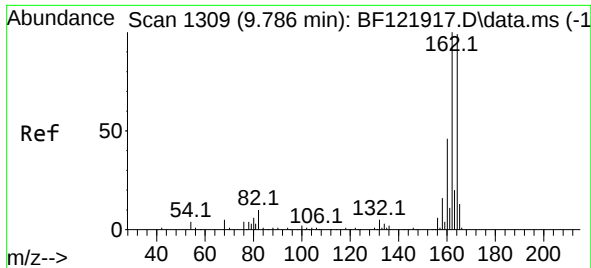
Lab File: BF122037.D

Acq: 20 Oct 2020 19:09

Tgt Ion: 82 Resp: 735997

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

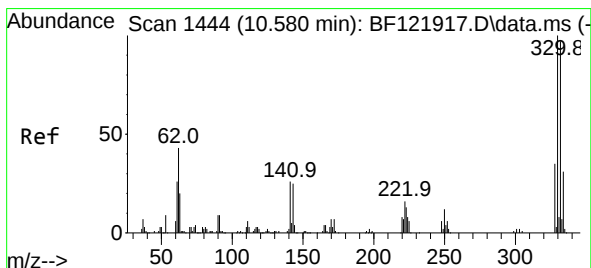
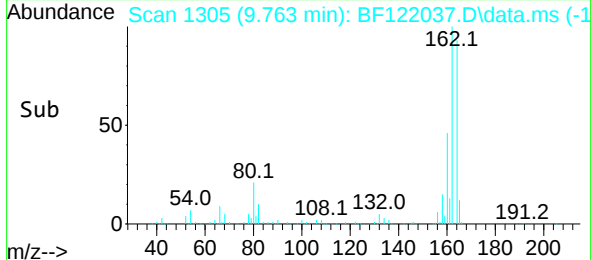
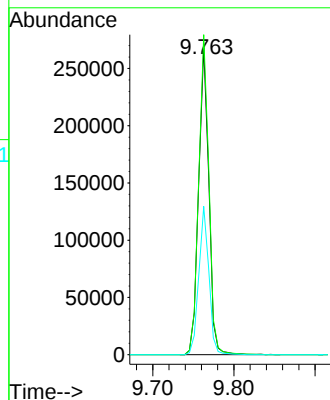
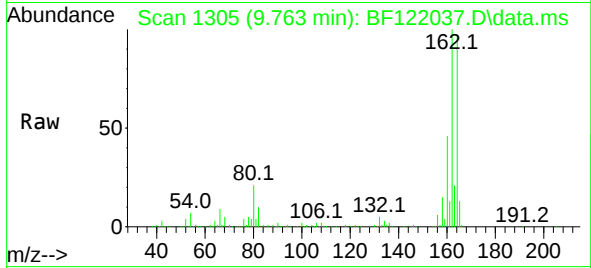




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.018 min
Lab File: BF122037.D
Acq: 20 Oct 2020 19:09

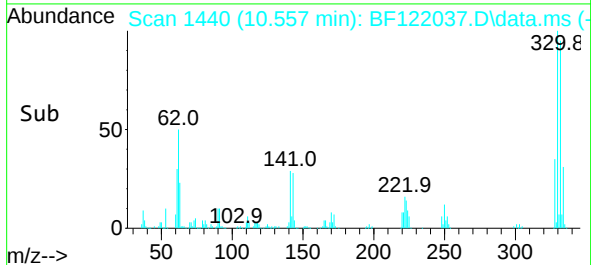
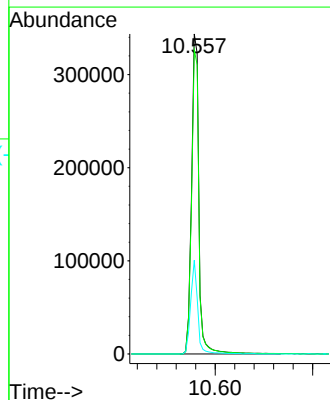
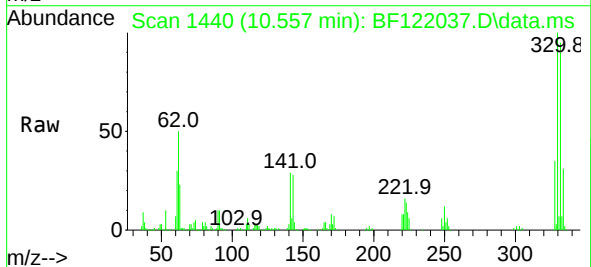
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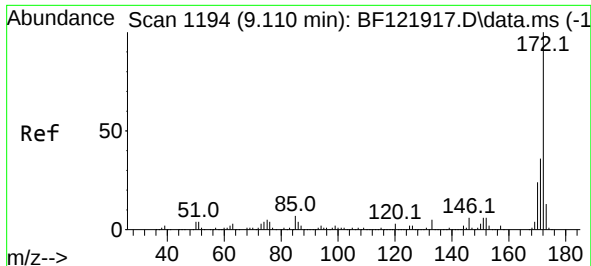
Tgt Ion:164 Resp: 236997
Ion Ratio Lower Upper
164 100
162 104.3 83.2 124.8
160 48.3 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 121.61 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.018 min
Lab File: BF122037.D
Acq: 20 Oct 2020 19:09

Tgt Ion:330 Resp: 356517
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 28.1 22.3 33.5

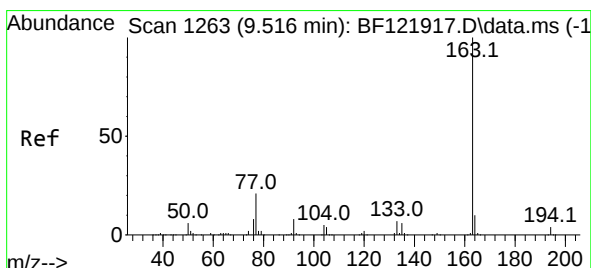
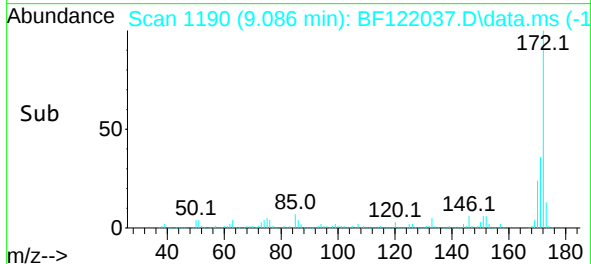
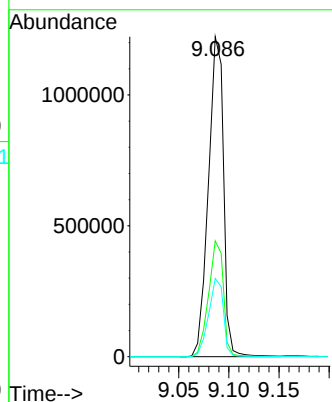
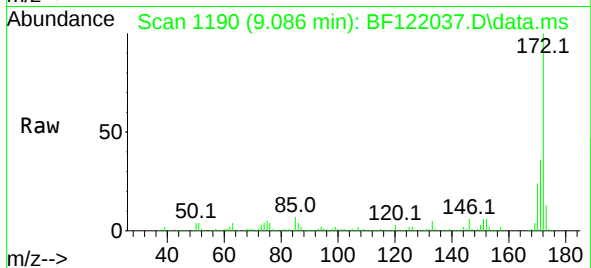




#45
2-Fluorobiphenyl
Concen: 79.90 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.018 min
Lab File: BF122037.D
Acq: 20 Oct 2020 19:09

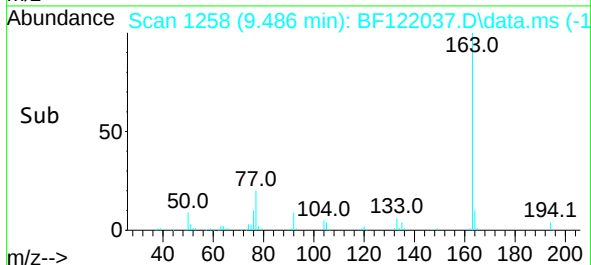
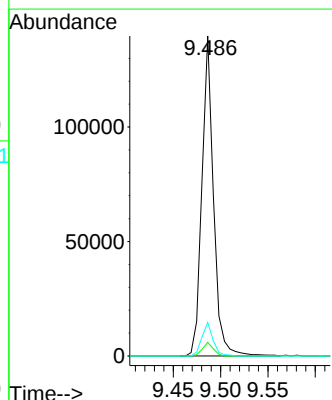
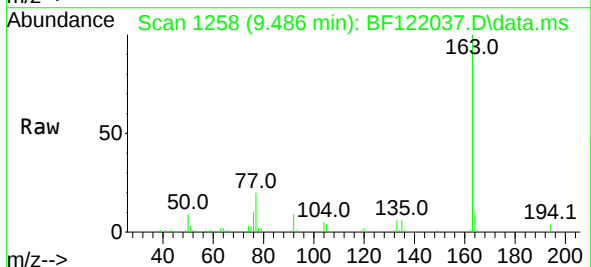
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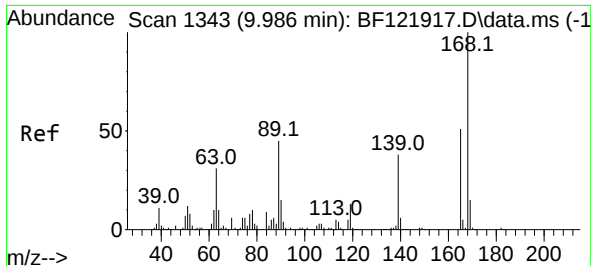
Tgt Ion:172 Resp: 1286986
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 24.5 19.8 29.6



#50
Dimethylphthalate
Concen: 6.88 ng
RT: 9.486 min Scan# 1258
Delta R.T. -0.018 min
Lab File: BF122037.D
Acq: 20 Oct 2020 19:09

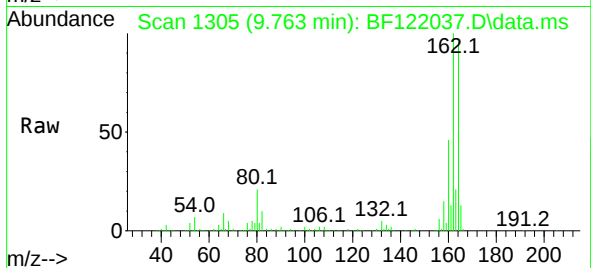
Tgt Ion:163 Resp: 119300
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.5 8.2 12.4



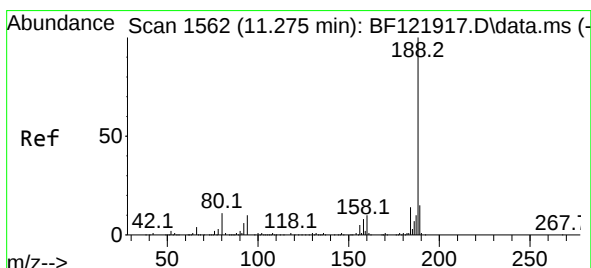
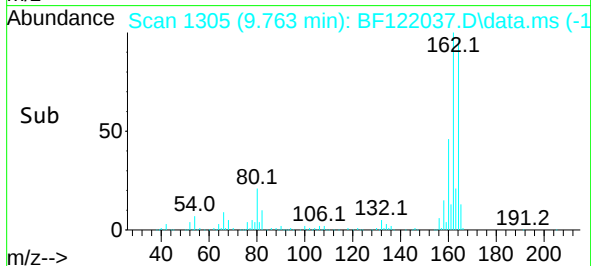
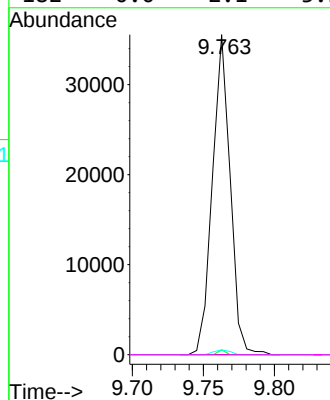


#57
2,4-Dinitrotoluene
Concen: 6.60 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.223 min
Lab File: BF122037.D
Acq: 20 Oct 2020 19:09

Instrument :
BNA_F
ClientSampleId :
EO-03-101920

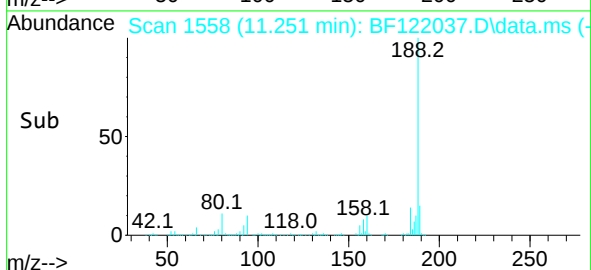
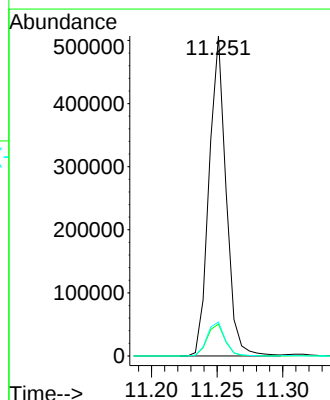
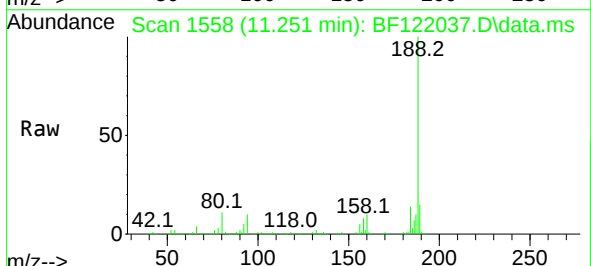


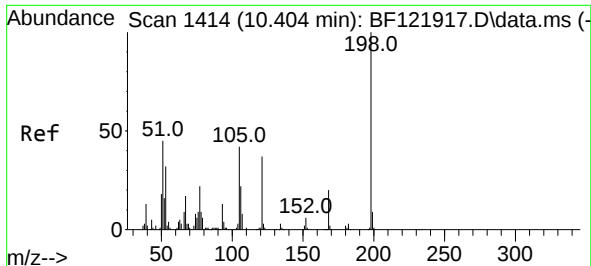
Tgt Ion:165 Resp: 30894
Ion Ratio Lower Upper
165 100
63 1.5 41.3 61.9#
89 1.5 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.012 min
Lab File: BF122037.D
Acq: 20 Oct 2020 19:09

Tgt Ion:188 Resp: 458127
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 10.6 9.1 13.7

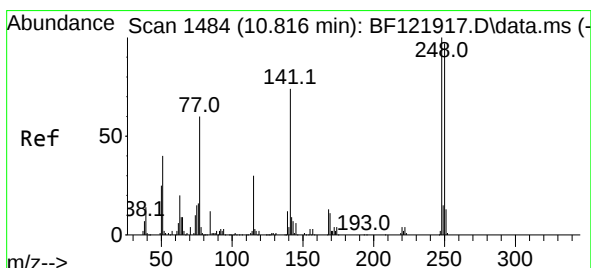
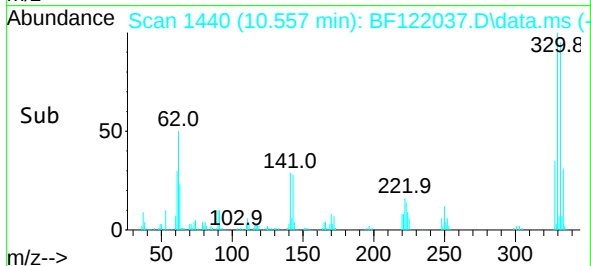
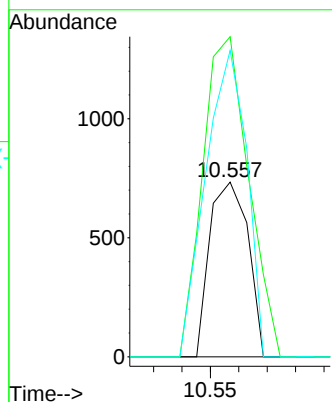
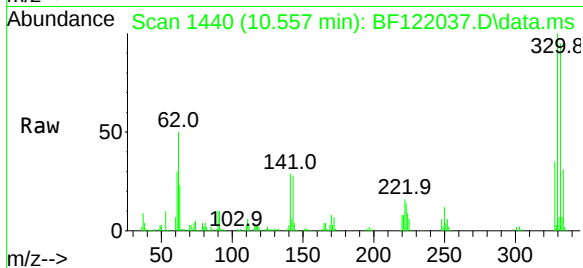




#65
4,6-Dinitro-2-methylphenol
Concen: 4.64 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.159 min
Lab File: BF122037.D
Acq: 20 Oct 2020 19:09

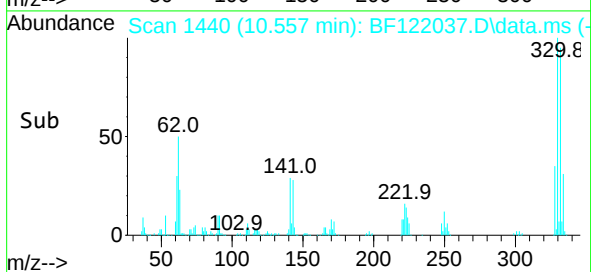
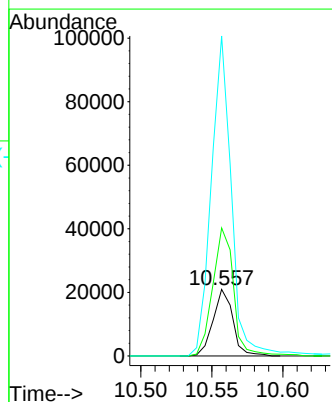
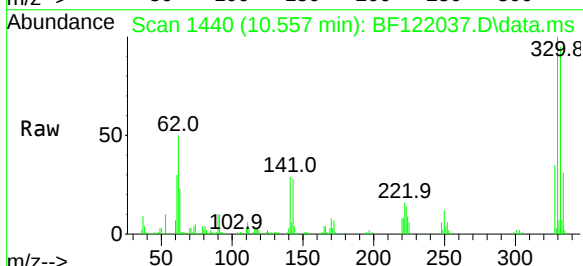
Instrument :
BNA_F
ClientSampleId :
EO-03-101920

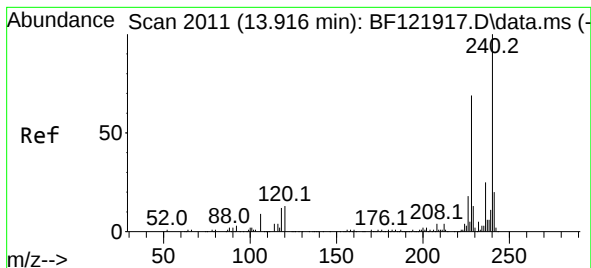
Tgt Ion:198 Resp: 686
Ion Ratio Lower Upper
198 100
51 183.2 29.6 69.6#
105 175.3 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 3.84 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.253 min
Lab File: BF122037.D
Acq: 20 Oct 2020 19:09

Tgt Ion:248 Resp: 20307
Ion Ratio Lower Upper
248 100
250 192.4 77.0 115.6#
141 481.3 53.7 80.5#

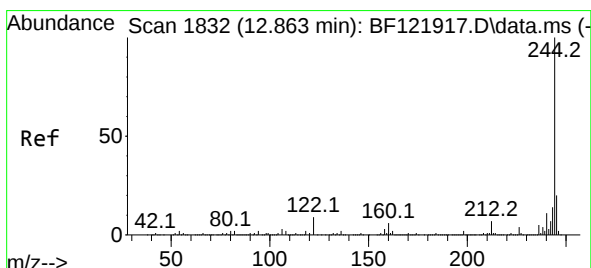
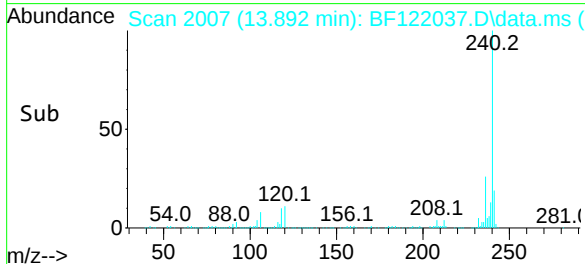
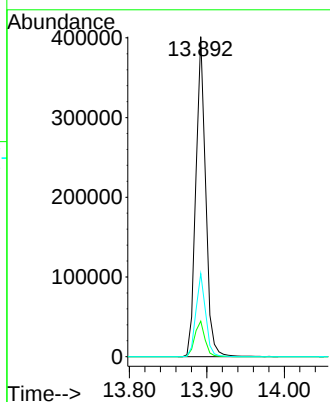
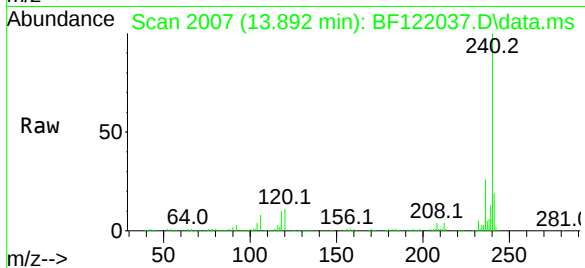




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.018 min
Lab File: BF122037.D
Acq: 20 Oct 2020 19:09

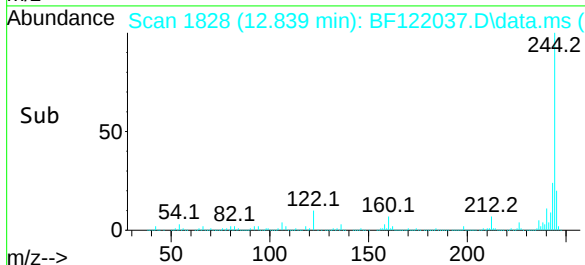
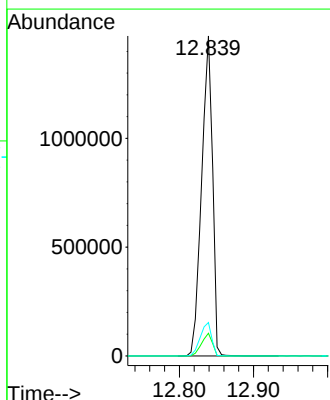
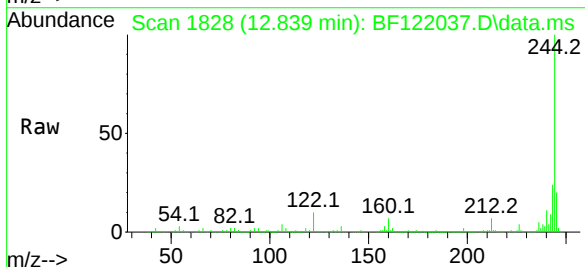
Instrument :
BNA_F
ClientSampleId :
EO-03-101920

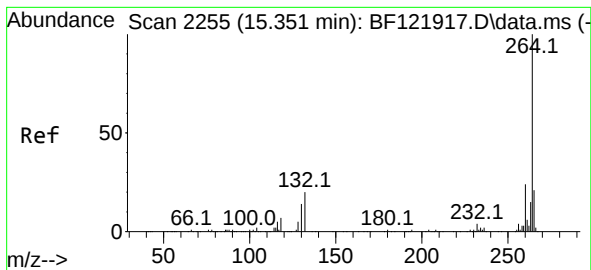
Tgt Ion:240 Resp: 352914
Ion Ratio Lower Upper
240 100
120 11.1 9.2 13.8
236 26.0 20.9 31.3



#79
Terphenyl-d14
Concen: 81.08 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.012 min
Lab File: BF122037.D
Acq: 20 Oct 2020 19:09

Tgt Ion:244 Resp: 1501460
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 10.4 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.327 min Scan# 2251
 Delta R.T. -0.012 min
 Lab File: BF122037.D
 Acq: 20 Oct 2020 19:09

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-101920

Tgt Ion:264 Resp: 280858
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.5 17.3 25.9

