

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
 Data File : BF122081.D
 Acq On : 22 Oct 2020 13:56
 Operator : JU/CG
 Sample : L4436-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 36A

Quant Time: Oct 22 14:26:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 12:04:42 2020
 Response via : Initial Calibration

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

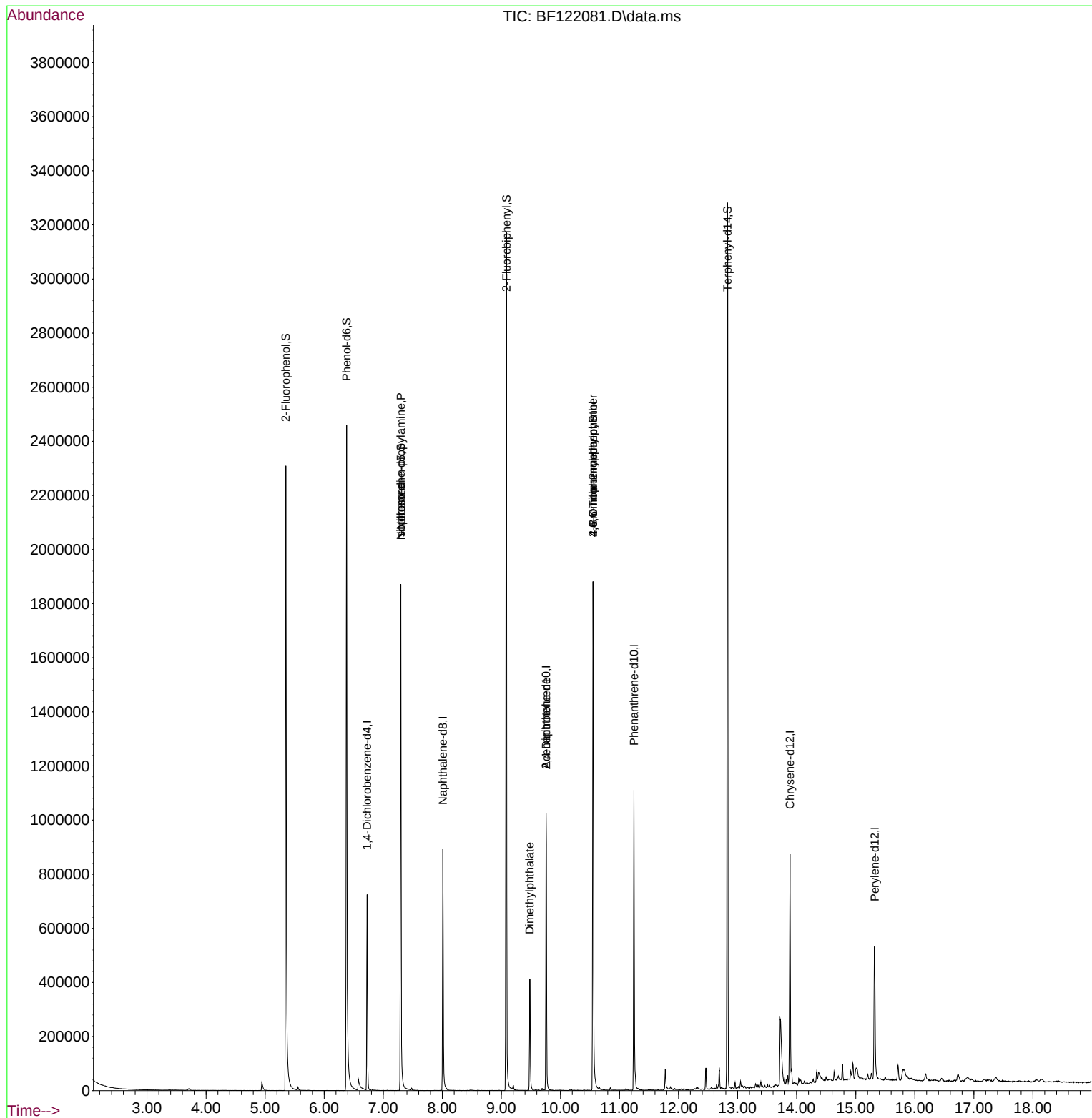
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	101613	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	409978	20.00	ng	0.00
39) Acenaphthene-d10	9.757	164	213141	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	402585	20.00	ng	0.00
76) Chrysene-d12	13.886	240	277771	20.00	ng	0.00
86) Perylene-d12	15.321	264	237211	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	694123	100.82	ng	0.00
7) Phenol-d6	6.381	99	867229	97.85	ng	0.00
23) Nitrobenzene-d5	7.298	82	601839	75.29	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	272566	103.38	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1036722	71.57	ng	0.00
79) Terphenyl-d14	12.827	244	1110726	76.21	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.381	77	1363	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.298	70	82291	16.31	ng	# 79
25) Isophorone	7.298	82	601835	39.81	ng	# 67
50) Dimethylphthalate	9.481	163	171439	11.00	ng	99
57) 2,4-Dinitrotoluene	9.757	165	27087	6.44	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.551	198	427	4.58	ng	# 1
67) 4-Bromophenyl-phenylether	10.551	248	16085	3.46	ng	# 1

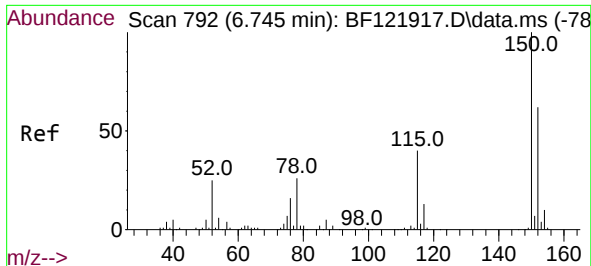
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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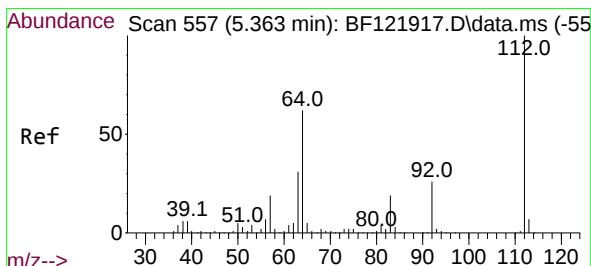
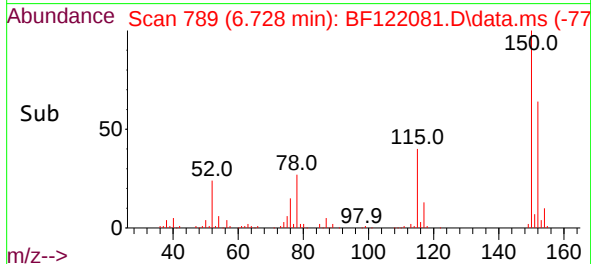
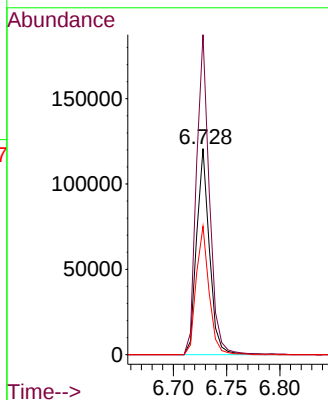
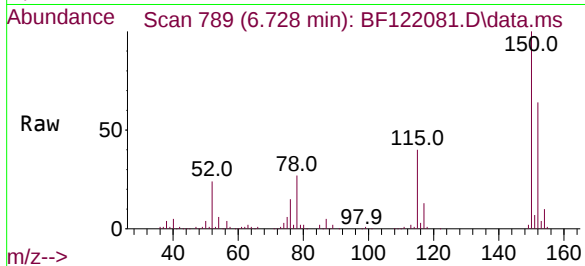




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF122081.D
Acq: 22 Oct 2020 13:56

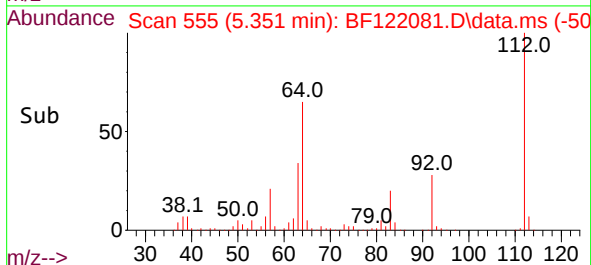
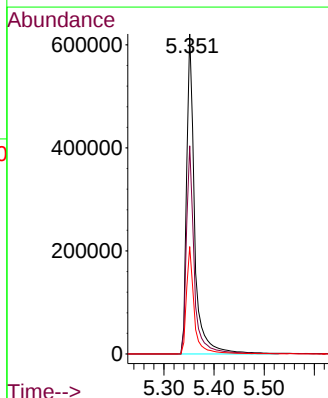
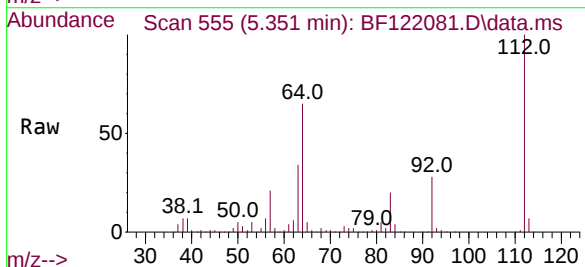
Instrument :
BNA_F
ClientSampleId :
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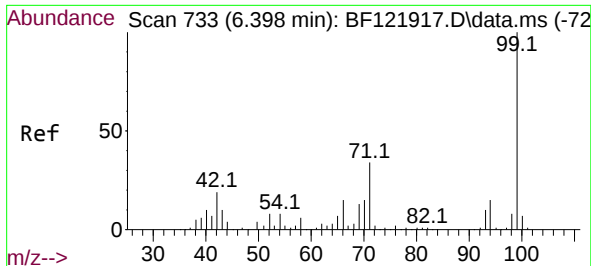
Tgt Ion:152 Resp: 101613
Ion Ratio Lower Upper
152 100
150 155.3 125.3 187.9
115 62.4 51.9 77.9



#5
2-Fluorophenol
Concen: 100.82 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.006 min
Lab File: BF122081.D
Acq: 22 Oct 2020 13:56

Tgt Ion:112 Resp: 694123
Ion Ratio Lower Upper
112 100
64 65.1 50.4 75.6
63 33.5 25.8 38.6

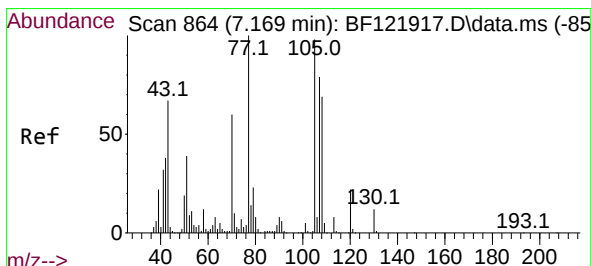
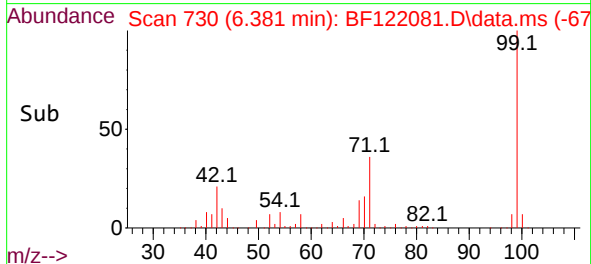
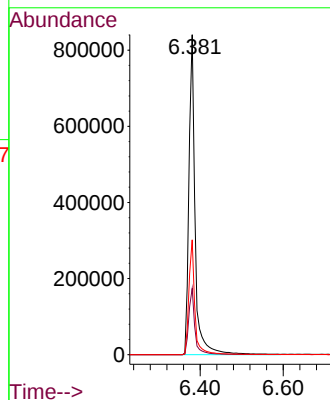
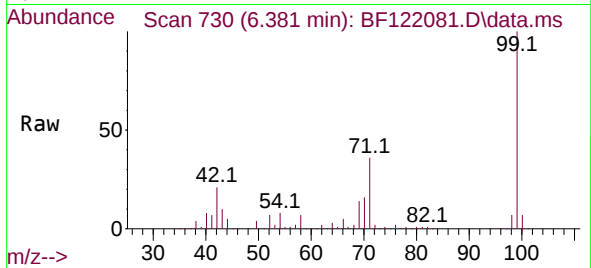




#7
Phenol-d6
Concen: 97.85 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122081.D
Acq: 22 Oct 2020 13:56

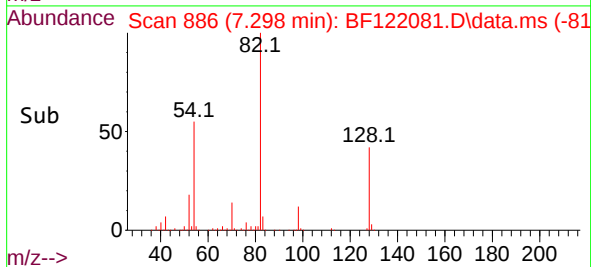
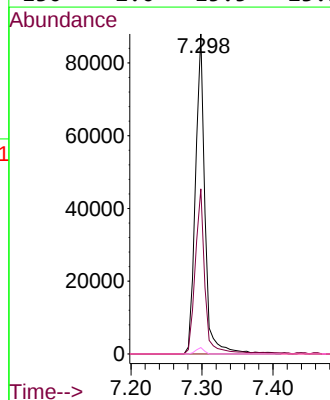
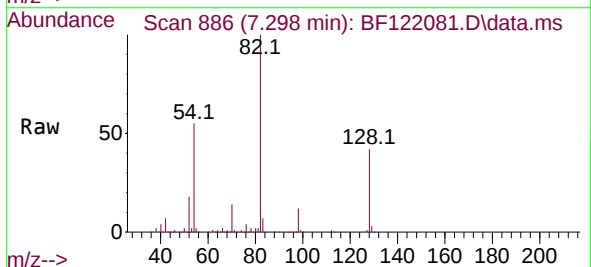
Instrument :
BNA_F
ClientSampled :
36A

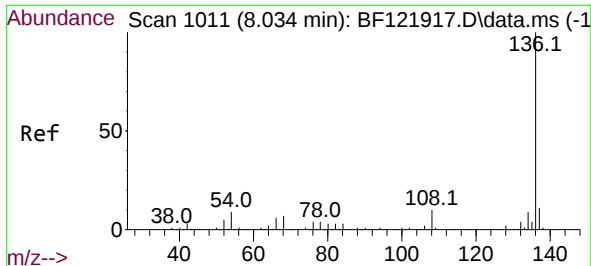
Tgt Ion: 99 Resp: 867229
Ion Ratio Lower Upper
99 100
42 20.7 15.9 23.9
71 35.9 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.31 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF122081.D
Acq: 22 Oct 2020 13:56

Tgt Ion: 70 Resp: 82291
Ion Ratio Lower Upper
70 100
42 51.6 50.2 75.4
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



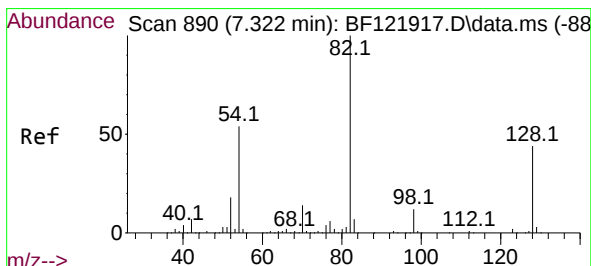
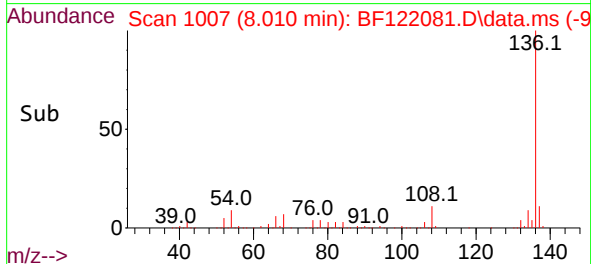
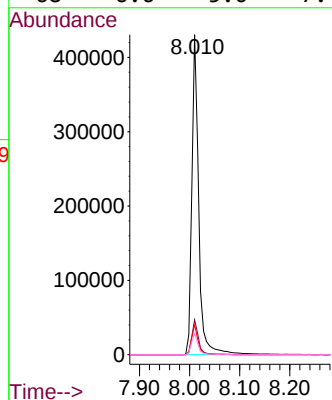
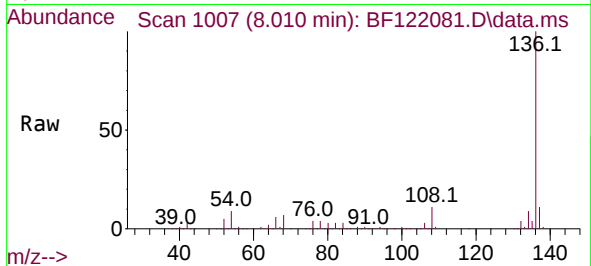


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF122081.D
Acq: 22 Oct 2020 13:56

Instrument :
BNA_F
ClientSampled :
36A

Tgt Ion:136 Resp: 409978

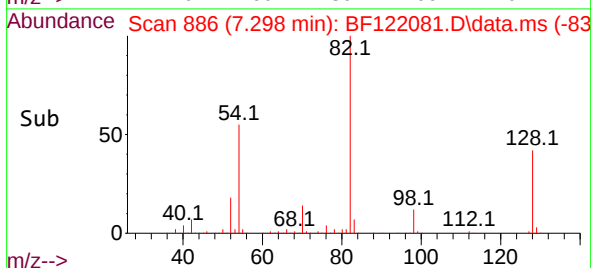
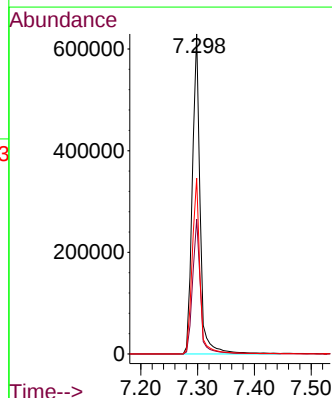
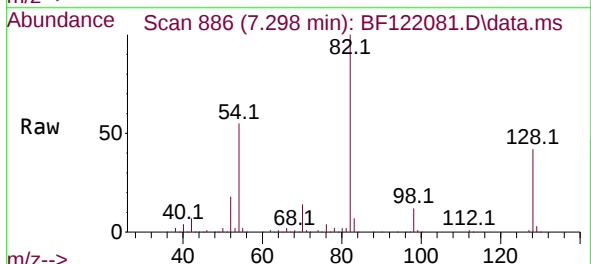
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.3	7.1	10.7
68	6.6	5.0	7.4

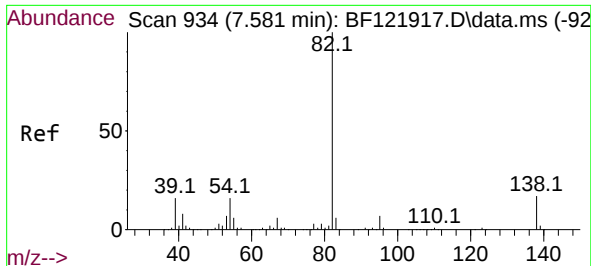


#23
Nitrobenzene-d5
Concen: 75.29 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF122081.D
Acq: 22 Oct 2020 13:56

Tgt Ion: 82 Resp: 601839

Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.0	52.4
54	55.0	43.9	65.9

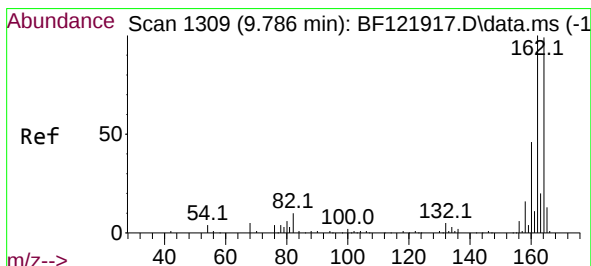
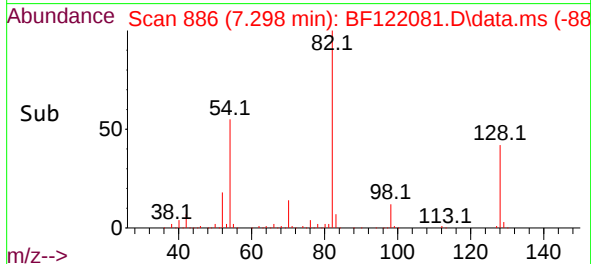
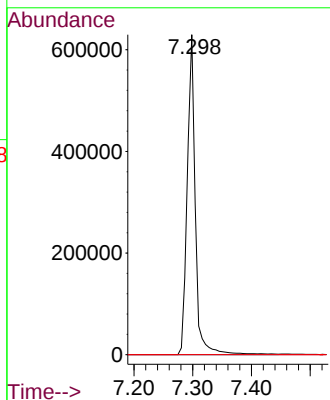
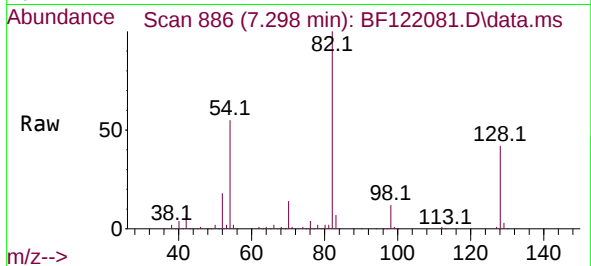




#25
Isophorone
Concen: 39.81 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.265 min
Lab File: BF122081.D
Acq: 22 Oct 2020 13:56

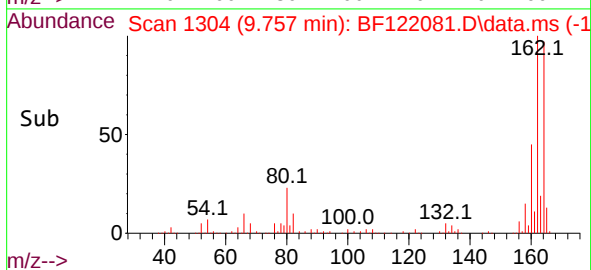
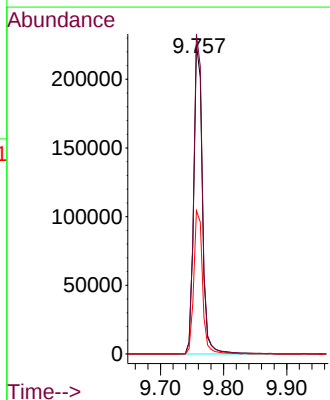
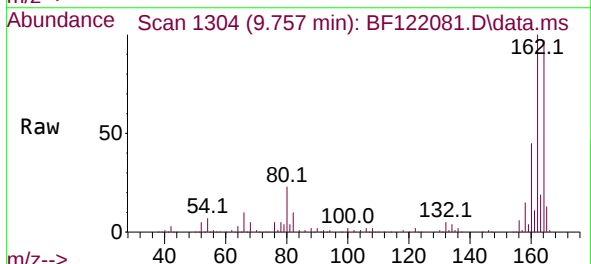
Instrument :
BNA_F
ClientSampleId :
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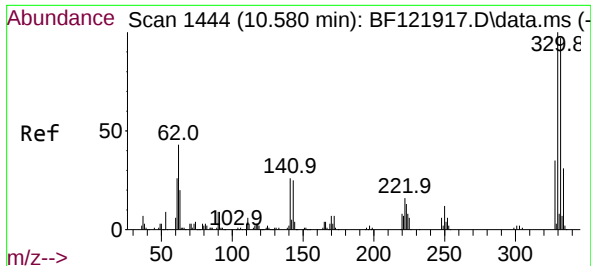
Tgt Ion: 82 Resp: 601835
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF122081.D
Acq: 22 Oct 2020 13:56

Tgt Ion:164 Resp: 213141
Ion Ratio Lower Upper
164 100
162 103.3 83.2 124.8
160 46.2 37.5 56.3

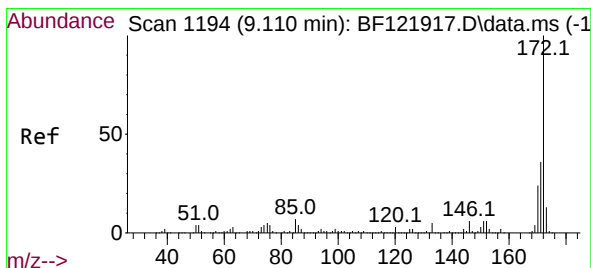
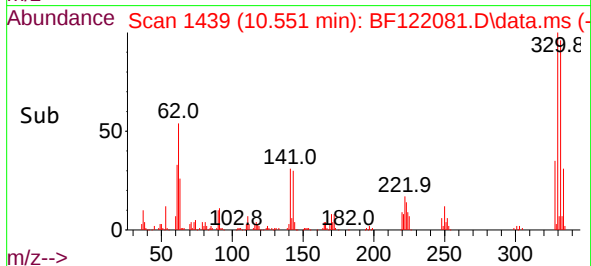
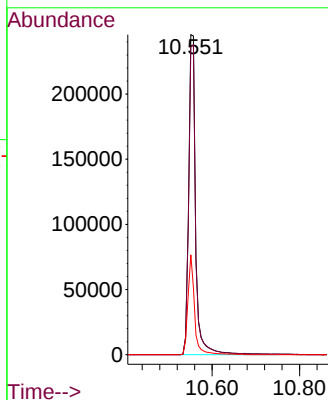
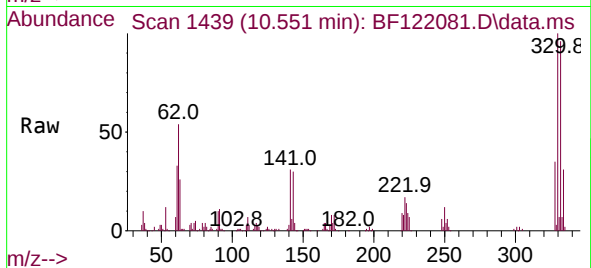




#42
2,4,6-Tribromophenol
Concen: 103.38 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF122081.D
Acq: 22 Oct 2020 13:56

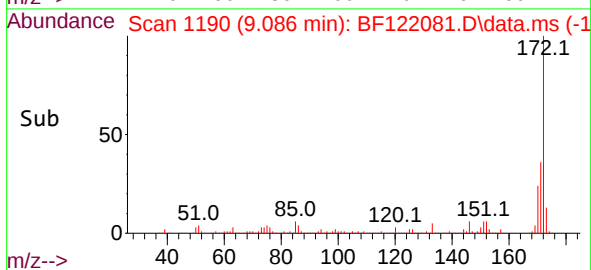
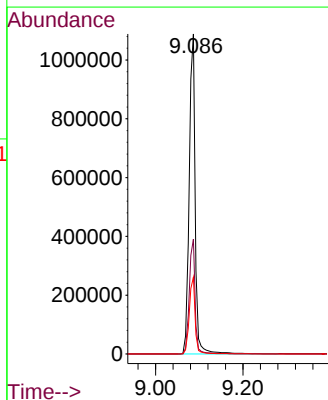
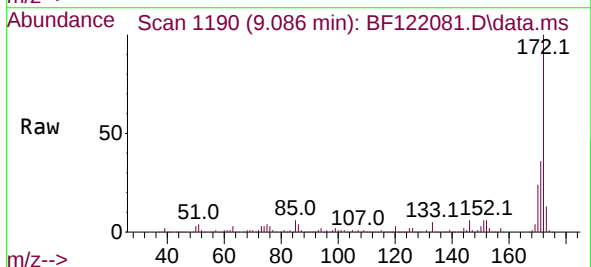
Instrument :
BNA_F
ClientSampleId :
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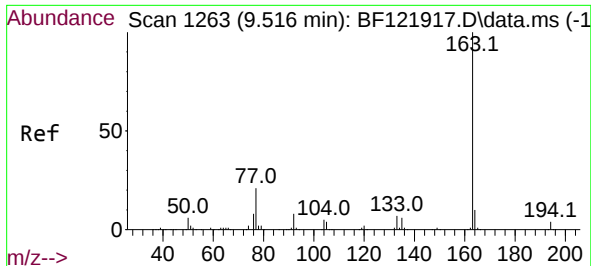
Tgt Ion:330 Resp: 272566
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 29.4 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 71.57 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF122081.D
Acq: 22 Oct 2020 13:56

Tgt Ion:172 Resp: 1036722
Ion Ratio Lower Upper
172 100
171 35.9 29.1 43.7
170 23.9 19.8 29.6

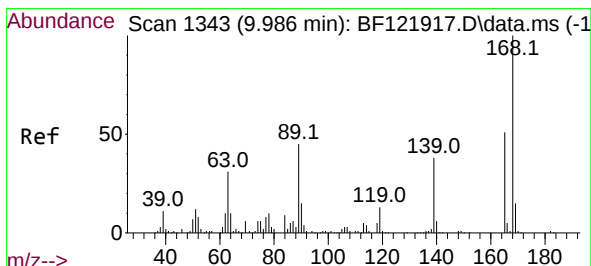
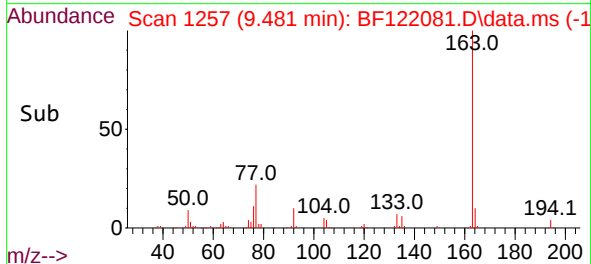
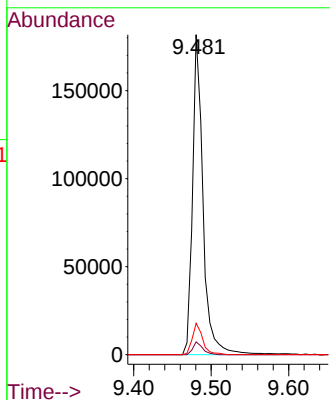
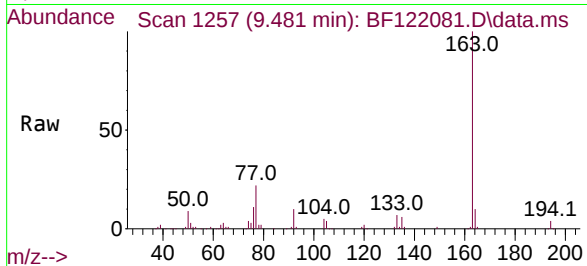




#50
Dimethylphthalate
Concen: 11.00 ng
RT: 9.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BF122081.D
Acq: 22 Oct 2020 13:56

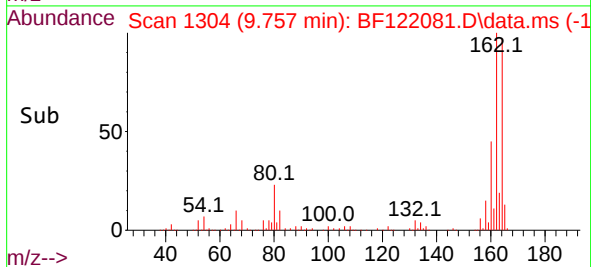
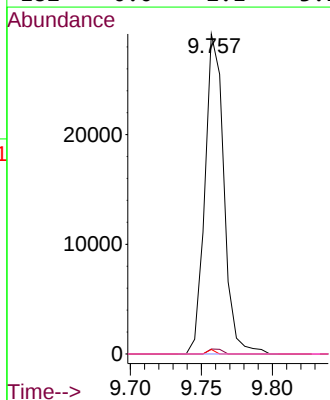
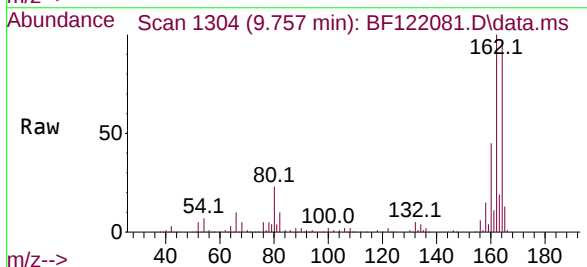
Instrument :
BNA_F
ClientSampleId :
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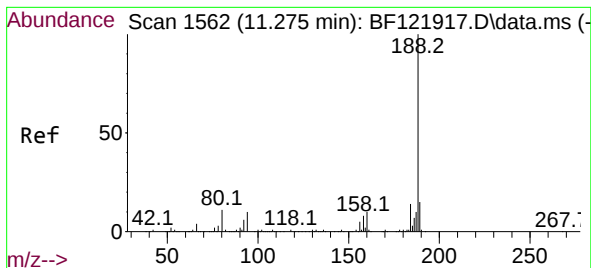
Tgt Ion:163 Resp: 171439
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.8 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.44 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.218 min
Lab File: BF122081.D
Acq: 22 Oct 2020 13:56

Tgt Ion:165 Resp: 27087
Ion Ratio Lower Upper
165 100
63 1.6 41.3 61.9#
89 1.4 61.8 92.8#
182 0.0 2.1 3.1#

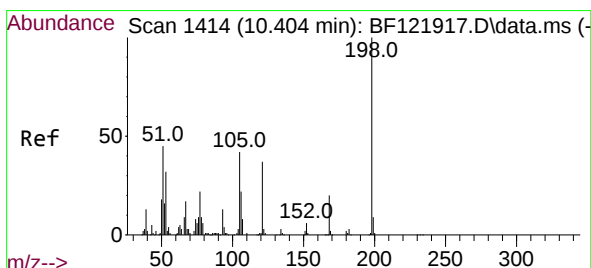
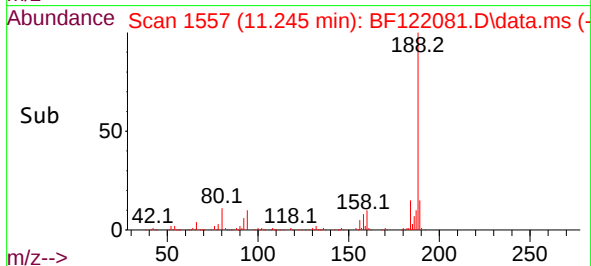
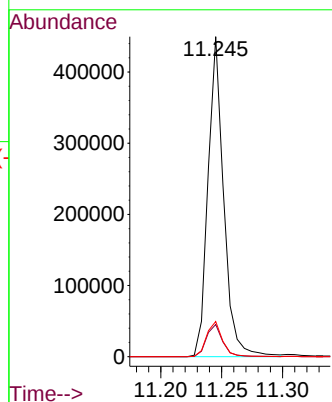
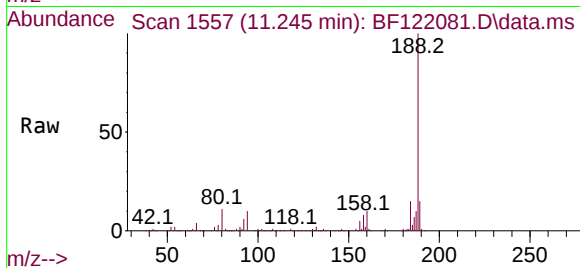




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF122081.D
Acq: 22 Oct 2020 13:56

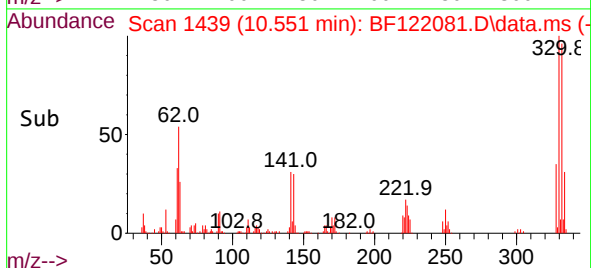
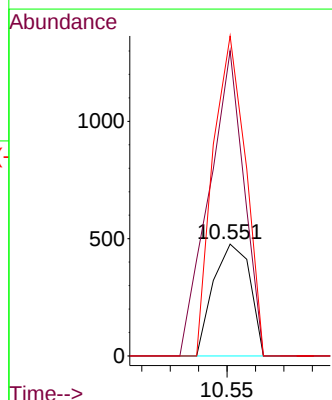
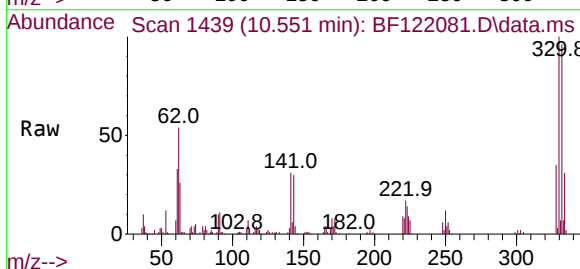
Instrument :
BNA_F
ClientSampleId :
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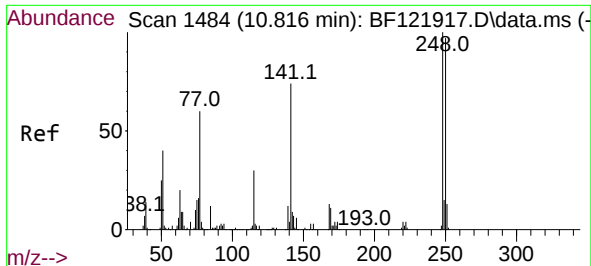
Tgt Ion:188	Resp:	402585
Ion Ratio	Lower	Upper
188	100	
94	10.1	8.3 12.5
80	11.0	9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.58 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.165 min
Lab File: BF122081.D
Acq: 22 Oct 2020 13:56

Tgt Ion:198	Resp:	427
Ion Ratio	Lower	Upper
198	100	
51	272.7	29.6 69.6#
105	286.0	24.4 64.4#

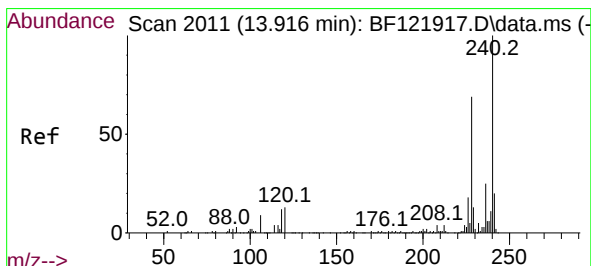
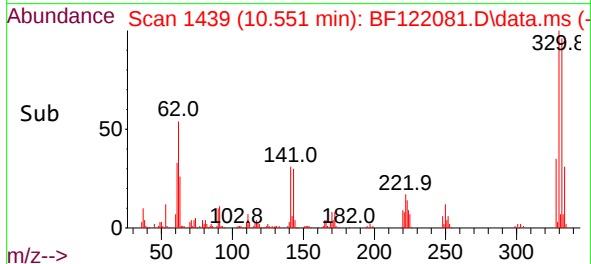
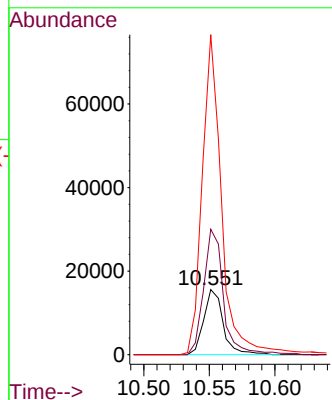
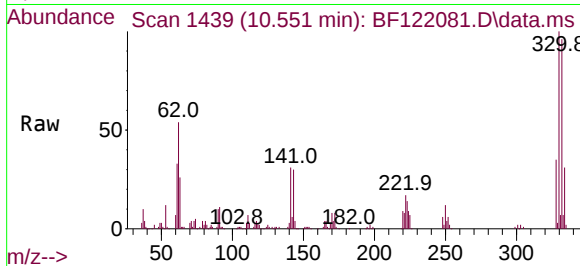




#67
4-Bromophenyl-phenylether
Concen: 3.46 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.241 min
Lab File: BF122081.D
Acq: 22 Oct 2020 13:56

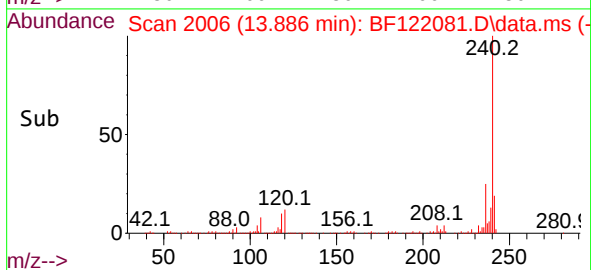
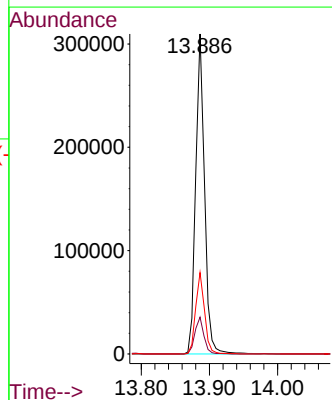
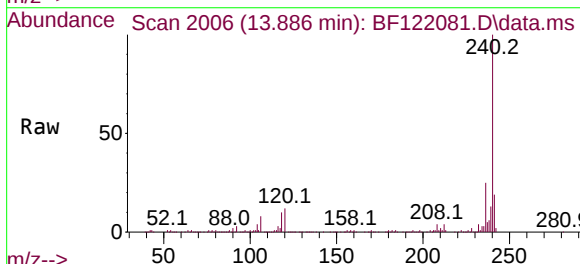
Instrument :
BNA_F
ClientSampleId :
36A

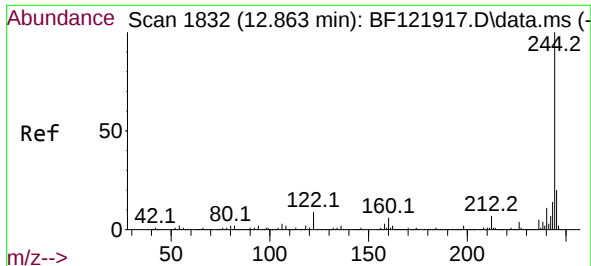
Tgt Ion:248 Resp: 16085
Ion Ratio Lower Upper
248 100
250 192.5 77.0 115.6#
141 491.1 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BF122081.D
Acq: 22 Oct 2020 13:56

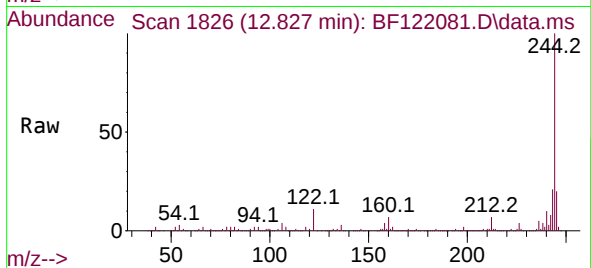
Tgt Ion:240 Resp: 277771
Ion Ratio Lower Upper
240 100
120 11.5 9.2 13.8
236 25.5 20.9 31.3



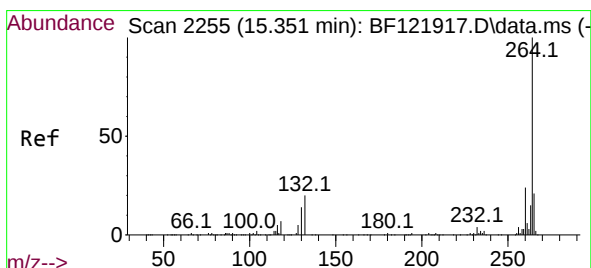
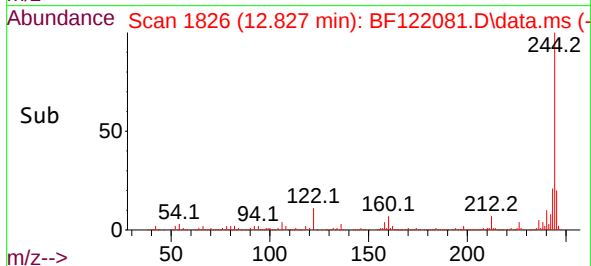
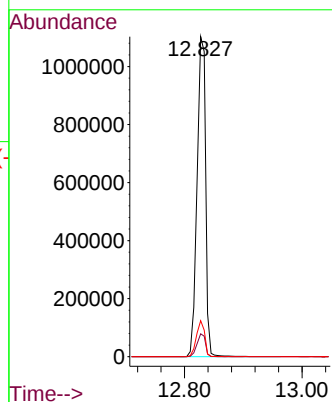


#79
Terphenyl-d14
Concen: 76.21 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122081.D
Acq: 22 Oct 2020 13:56

Instrument :
BNA_F
ClientSampled :
36A



Tgt Ion:244 Resp: 1110726
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 11.3 8.1 12.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.006 min
Lab File: BF122081.D
Acq: 22 Oct 2020 13:56

Tgt Ion:264 Resp: 237211
Ion Ratio Lower Upper
264 100
260 24.6 18.7 28.1
265 22.1 17.3 25.9

