

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
 Data File : BF122030.D
 Acq On : 20 Oct 2020 15:29
 Operator : JU/CG
 Sample : PB132494TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132494TB

Quant Time: Oct 20 15:52:14 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)

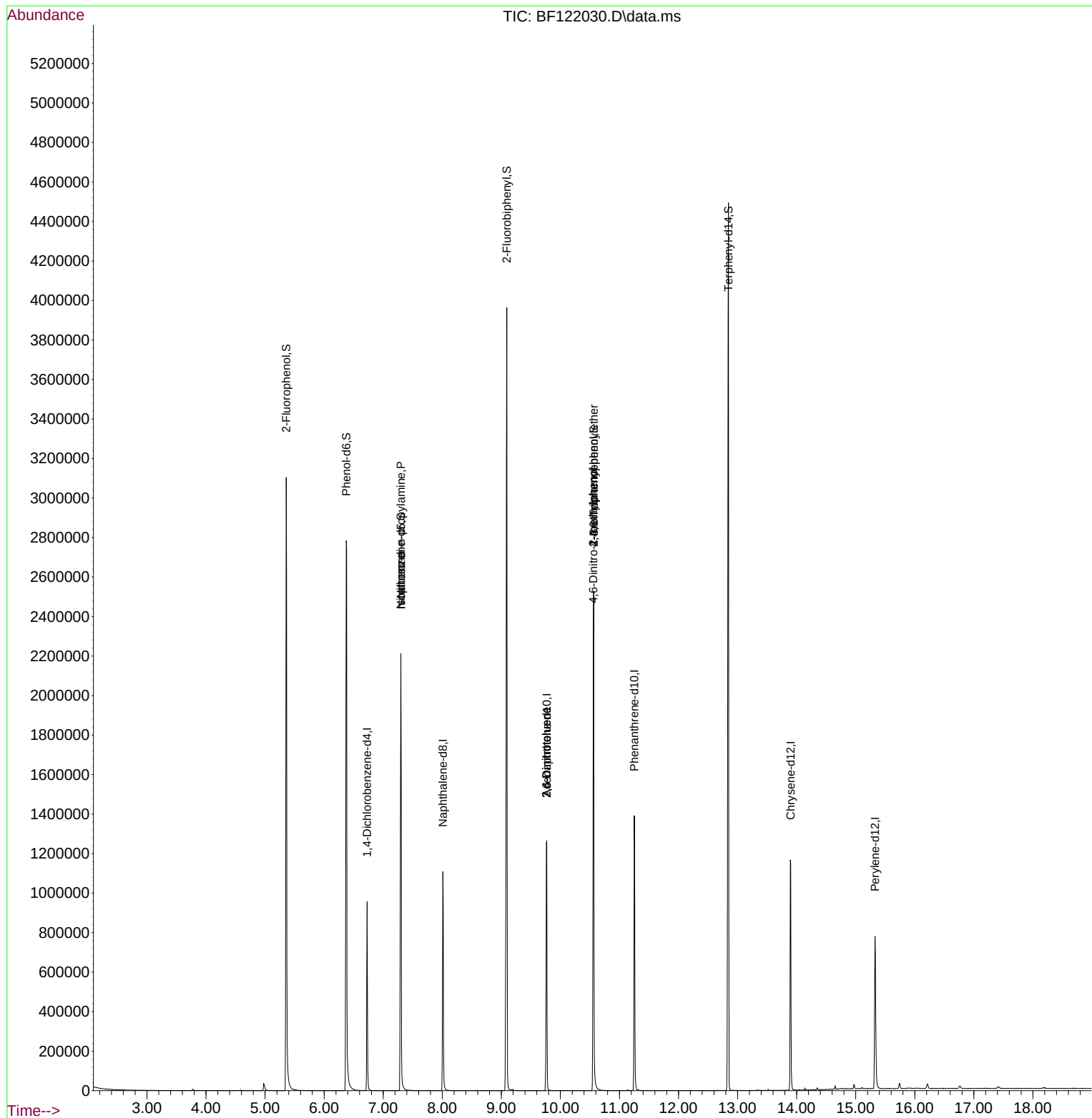
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	133406	20.00	ng	-0.02
21) Naphthalene-d8	8.010	136	545234	20.00	ng	-0.02
39) Acenaphthene-d10	9.769	164	286656	20.00	ng	-0.01
64) Phenanthrene-d10	11.251	188	550127	20.00	ng	-0.01
76) Chrysene-d12	13.898	240	438423	20.00	ng	-0.01
86) Perylene-d12	15.327	264	366695	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	915067	101.24	ng	0.00
7) Phenol-d6	6.375	99	1172392	100.76	ng	-0.02
23) Nitrobenzene-d5	7.298	82	818231	76.96	ng	-0.02
42) 2,4,6-Tribromophenol	10.563	330	370711	104.54	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	1408213	72.28	ng	-0.01
79) Terphenyl-d14	12.845	244	1571893	68.33	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.381	77	1511	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.298	70	110929	16.74	ng	# 78
25) Isophorone	7.298	82	818225	40.70	ng	# 67
51) 2,6-Dinitrotoluene	9.763	165	36994	8.05	ng	# 21
57) 2,4-Dinitrotoluene	9.763	165	36994	6.54	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.557	198	618	4.59	ng	# 1
67) 4-Bromophenyl-phenylether	10.563	248	21193	3.33	ng	# 1

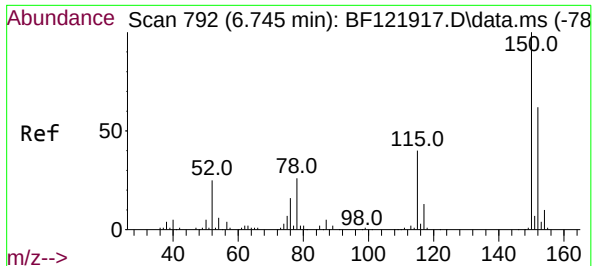
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
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Misc :
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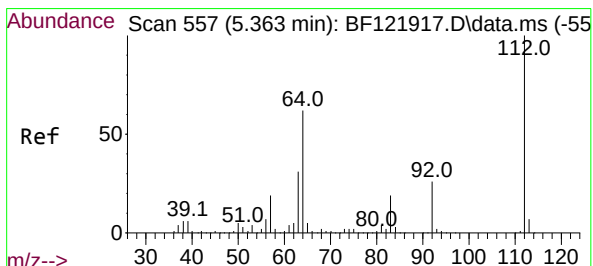
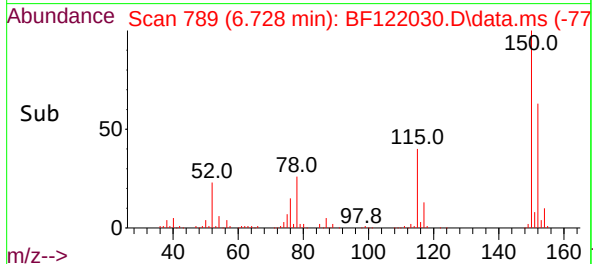
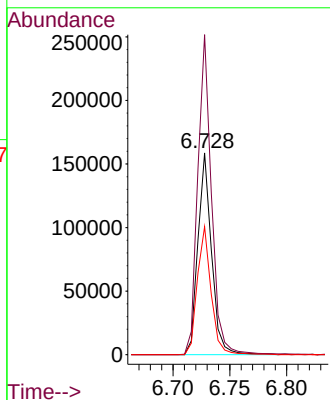
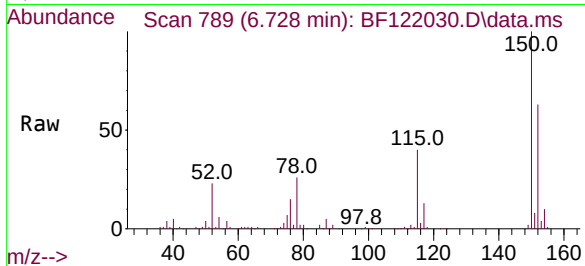




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.017 min
Lab File: BF122030.D
Acq: 20 Oct 2020 15:29

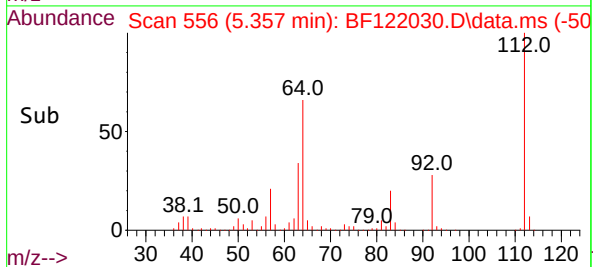
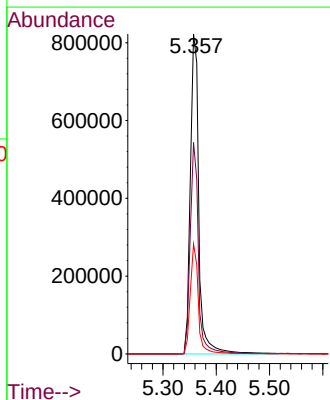
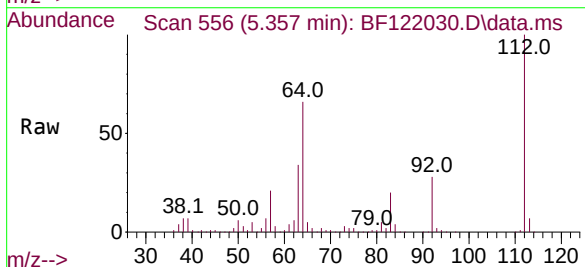
Instrument :
BNA_F
ClientSampleId :
PB132494TB

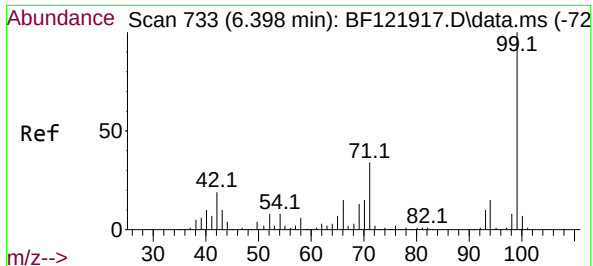
Tgt Ion:152 Resp: 133406
Ion Ratio Lower Upper
152 100
150 158.6 125.3 187.9
115 63.4 51.9 77.9



#5
2-Fluorophenol
Concen: 101.24 ng
RT: 5.357 min Scan# 556
Delta R.T. -0.006 min
Lab File: BF122030.D
Acq: 20 Oct 2020 15:29

Tgt Ion:112 Resp: 915067
Ion Ratio Lower Upper
112 100
64 66.1 50.4 75.6
63 34.4 25.8 38.6



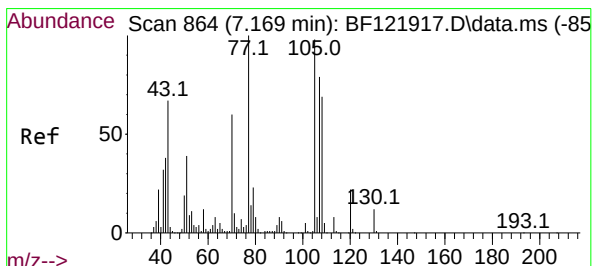
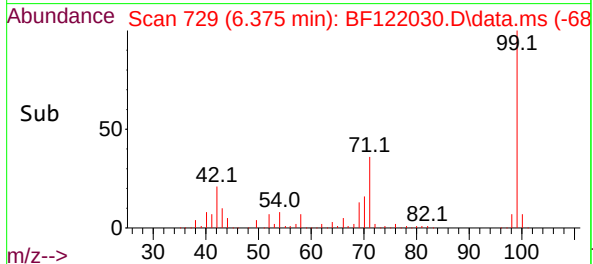
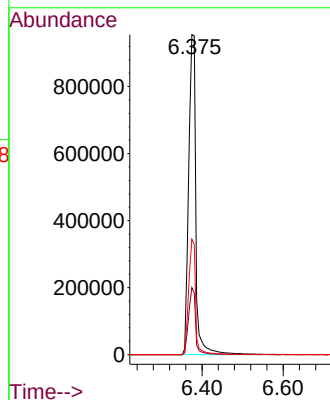
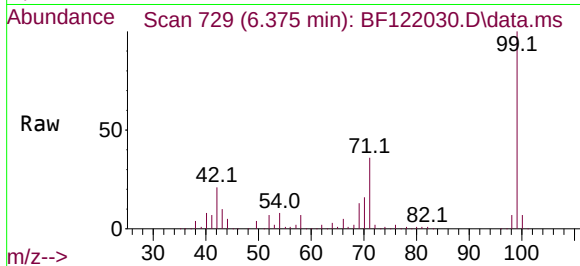


#7
Phenol-d6
Concen: 100.76 ng
RT: 6.375 min Scan# 729
Delta R.T. -0.017 min
Lab File: BF122030.D
Acq: 20 Oct 2020 15:29

Instrument :
BNA_F
ClientSampleId :
PB132494TB

Tgt Ion: 99 Resp: 1172392

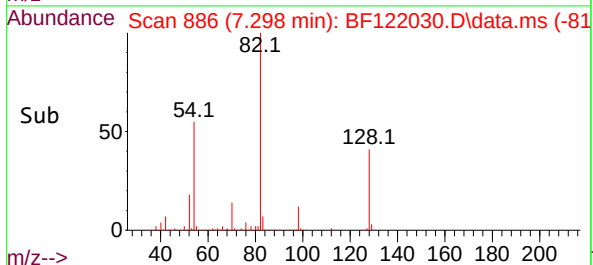
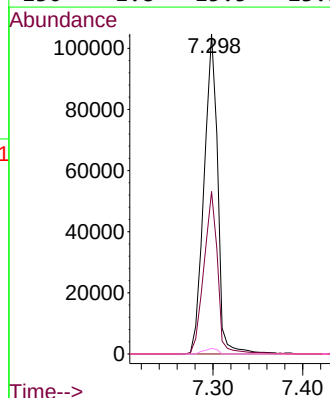
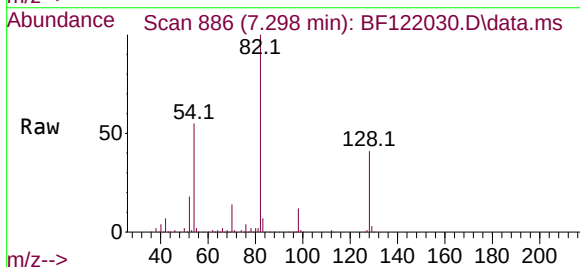
Ion	Ratio	Lower	Upper
99	100		
42	20.9	15.9	23.9
71	36.0	27.1	40.7

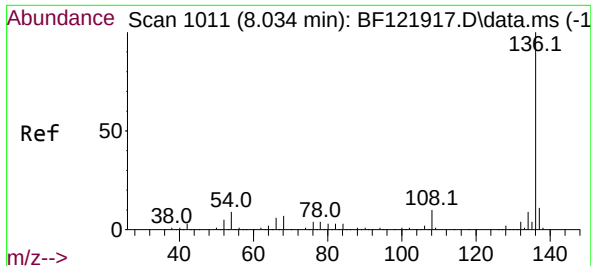


#19
n-Nitroso-di-n-propylamine
Concen: 16.74 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.135 min
Lab File: BF122030.D
Acq: 20 Oct 2020 15:29

Tgt Ion: 70 Resp: 110929

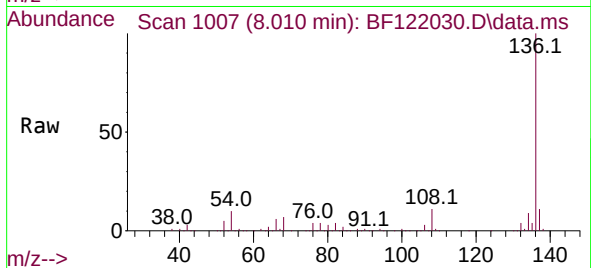
Ion	Ratio	Lower	Upper
70	100		
42	50.7	50.2	75.4
101	0.0	7.5	11.3#
130	1.8	15.5	23.3#



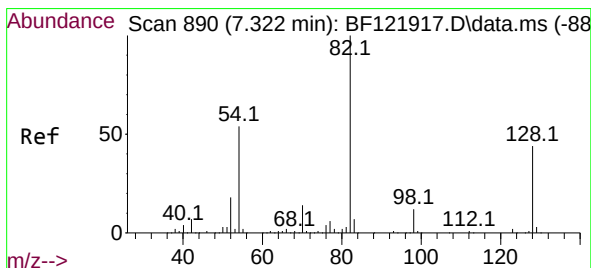
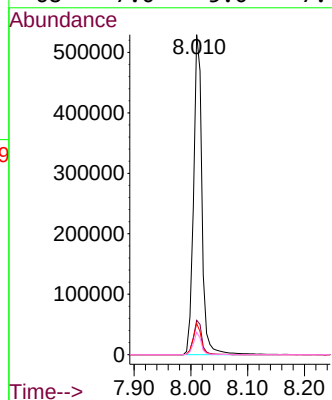
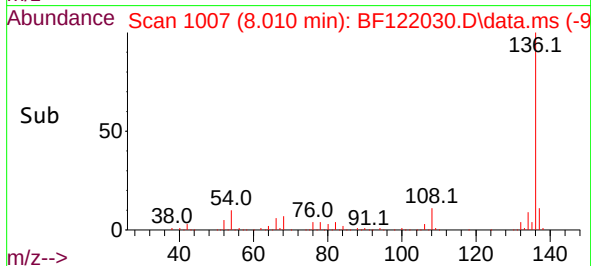


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.017 min
Lab File: BF122030.D
Acq: 20 Oct 2020 15:29

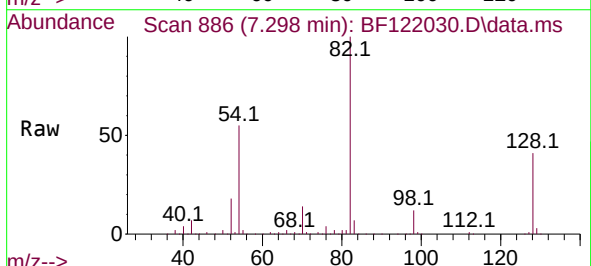
Instrument :
BNA_F
ClientSampleId :
PB132494TB



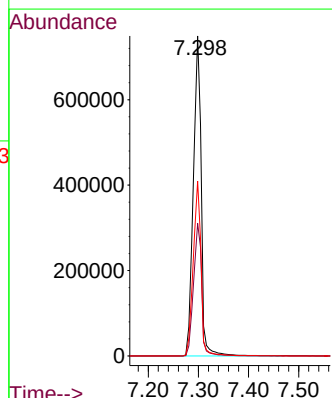
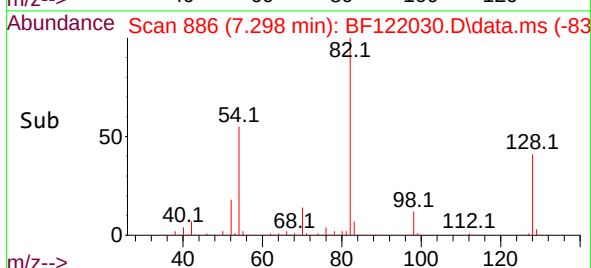
Tgt Ion:136 Resp: 545234
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.8 7.1 10.7
68 7.0 5.0 7.4

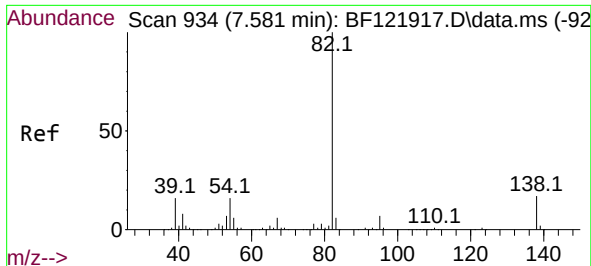


#23
Nitrobenzene-d5
Concen: 76.96 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.017 min
Lab File: BF122030.D
Acq: 20 Oct 2020 15:29



Tgt Ion: 82 Resp: 818231
Ion Ratio Lower Upper
82 100
128 41.5 35.0 52.4
54 54.6 43.9 65.9

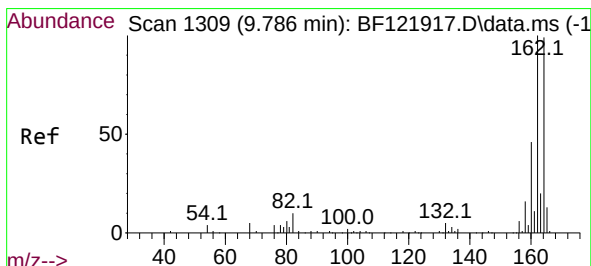
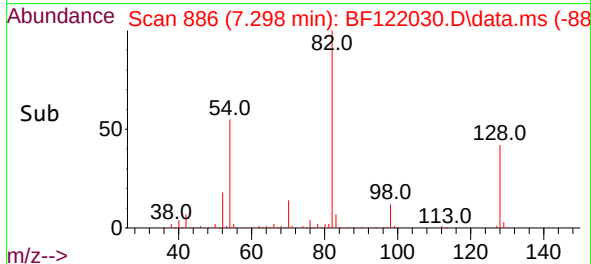
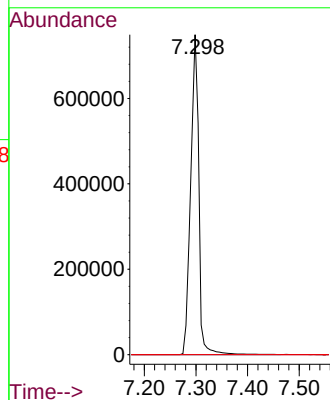
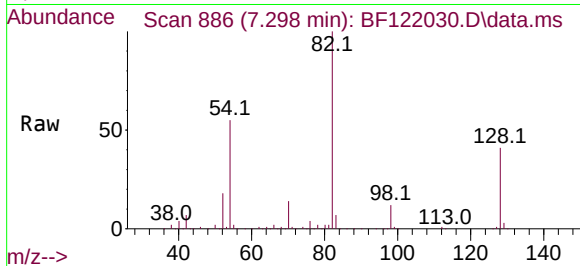




#25
Isophorone
Concen: 40.70 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.276 min
Lab File: BF122030.D
Acq: 20 Oct 2020 15:29

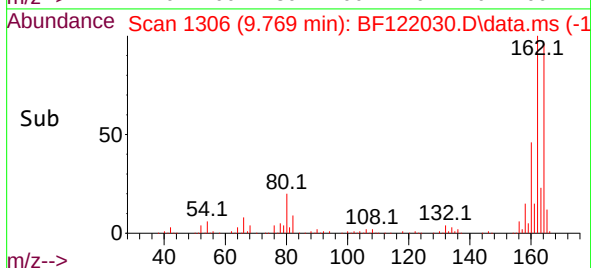
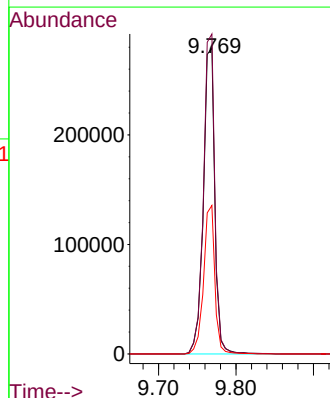
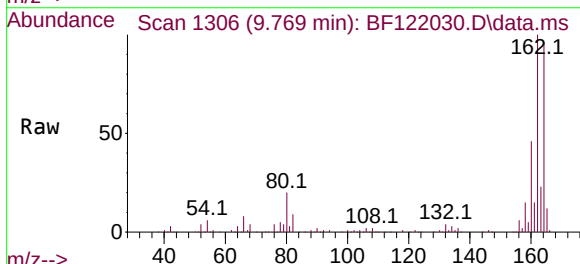
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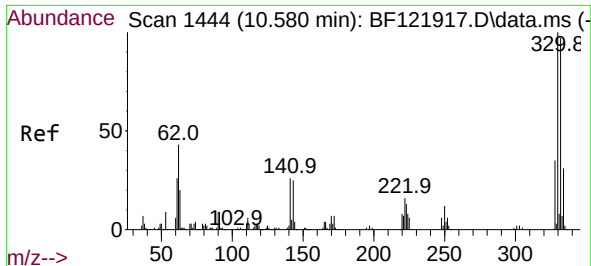
Tgt Ion: 82 Resp: 818225
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BF122030.D
Acq: 20 Oct 2020 15:29

Tgt Ion:164 Resp: 286656
Ion Ratio Lower Upper
164 100
162 104.6 83.2 124.8
160 48.5 37.5 56.3

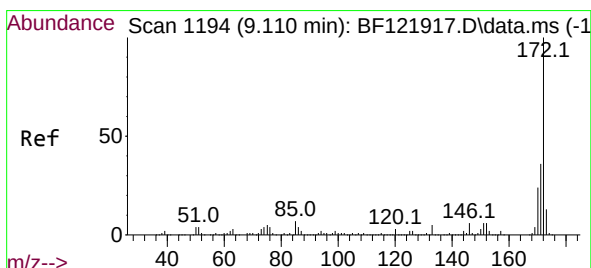
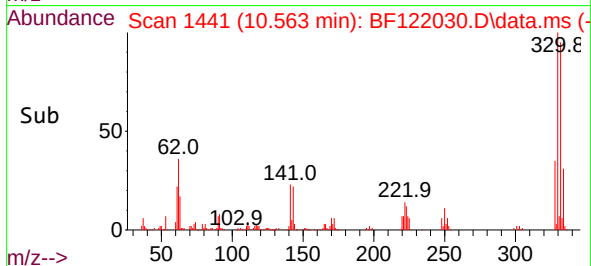
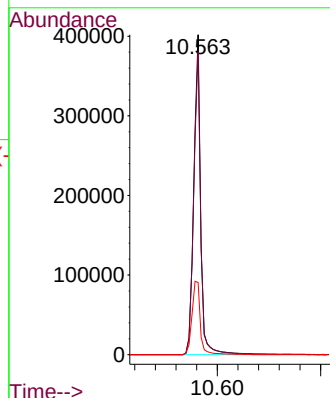
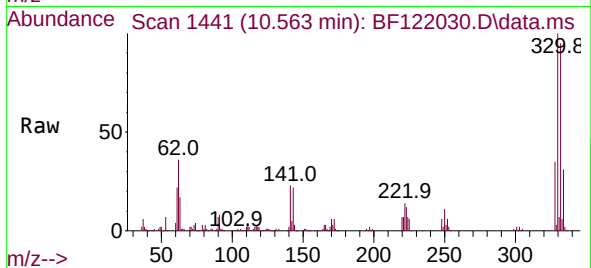




#42
2,4,6-Tribromophenol
Concen: 104.54 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF122030.D
Acq: 20 Oct 2020 15:29

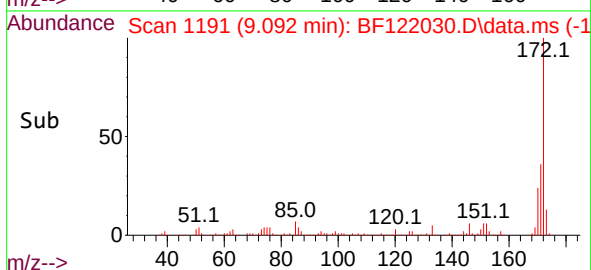
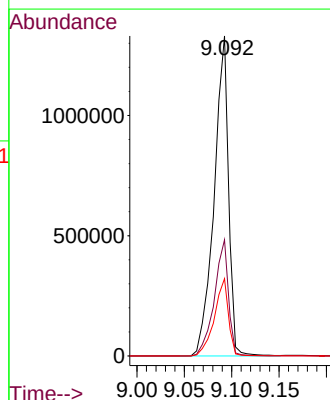
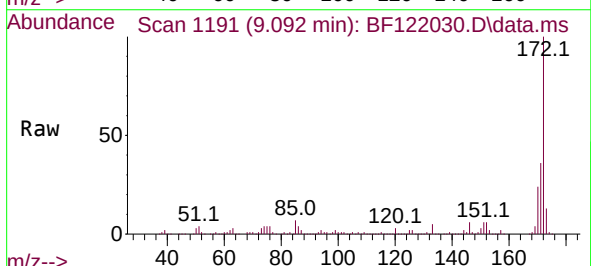
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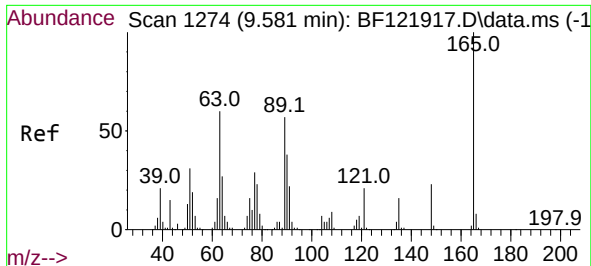
Tgt Ion:330 Resp: 370711
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 28.0 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 72.28 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.012 min
Lab File: BF122030.D
Acq: 20 Oct 2020 15:29

Tgt Ion:172 Resp: 1408213
Ion Ratio Lower Upper
172 100
171 36.3 29.1 43.7
170 24.2 19.8 29.6

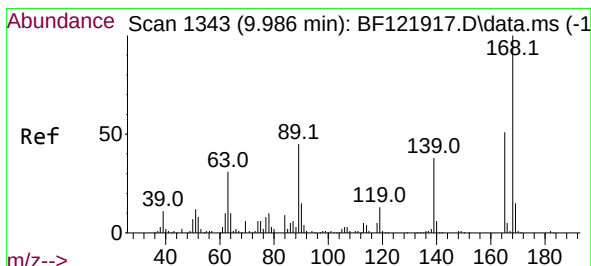
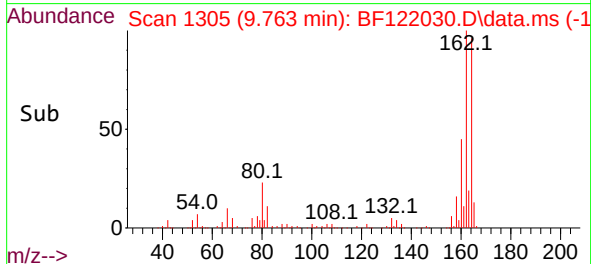
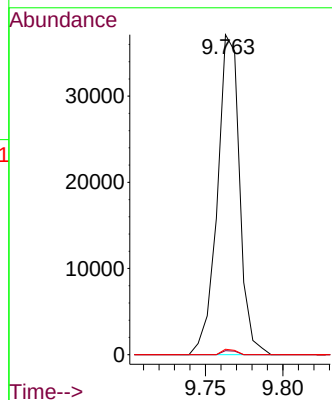
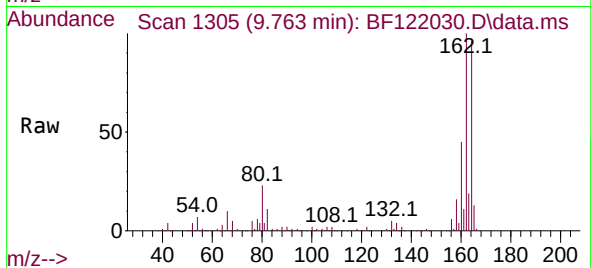




#51
2,6-Dinitrotoluene
Concen: 8.05 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.188 min
Lab File: BF122030.D
Acq: 20 Oct 2020 15:29

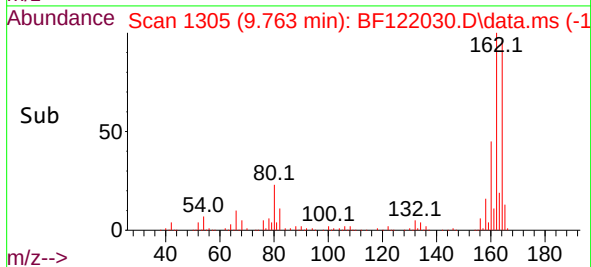
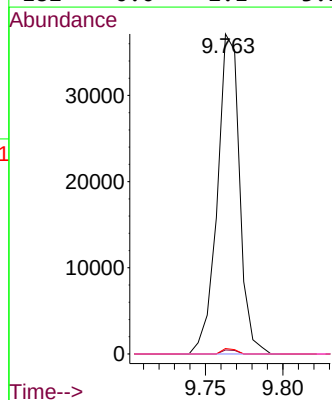
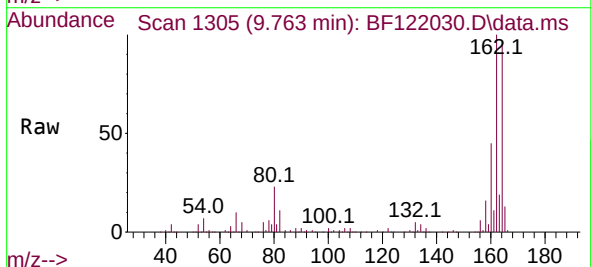
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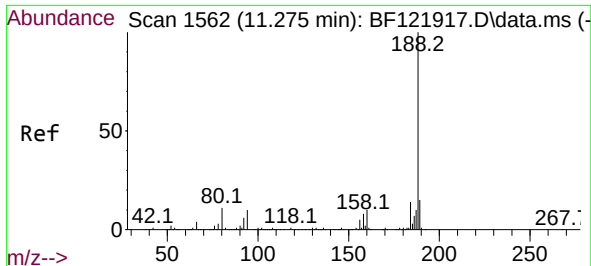
Tgt Ion:165 Resp: 36994
Ion Ratio Lower Upper
165 100
63 1.2 51.8 77.6#
89 1.7 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.54 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.223 min
Lab File: BF122030.D
Acq: 20 Oct 2020 15:29

Tgt Ion:165 Resp: 36994
Ion Ratio Lower Upper
165 100
63 1.2 41.3 61.9#
89 1.7 61.8 92.8#
182 0.0 2.1 3.1#

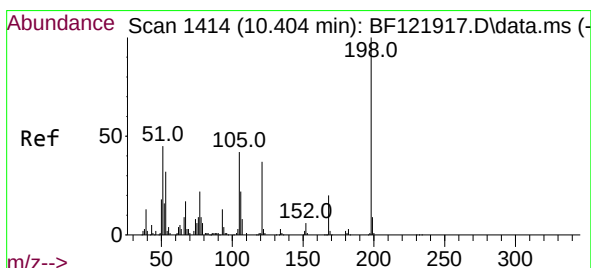
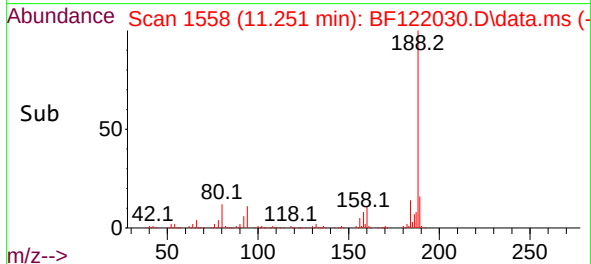
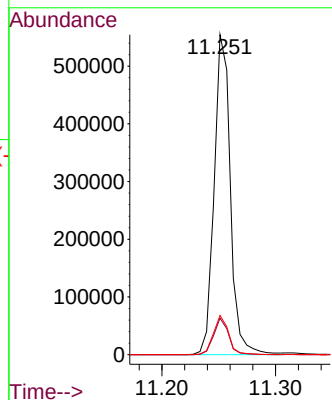
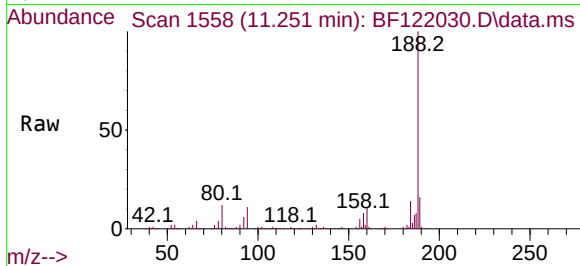




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.012 min
Lab File: BF122030.D
Acq: 20 Oct 2020 15:29

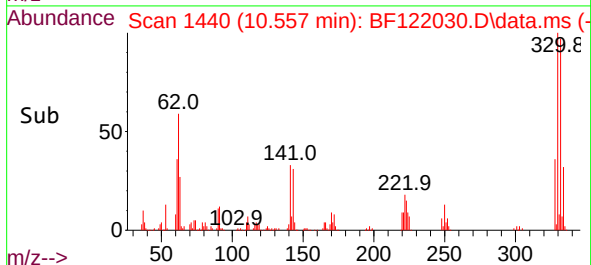
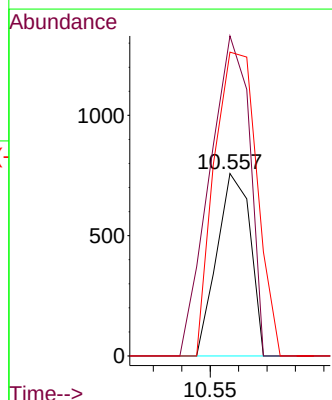
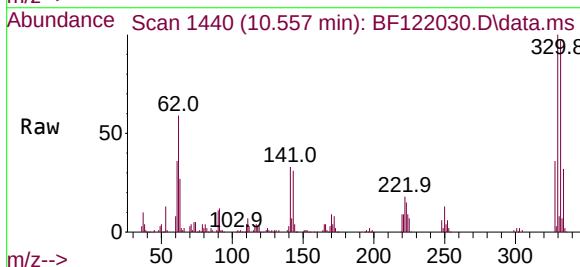
Instrument :
BNA_F
ClientSampleId :
PB132494TB

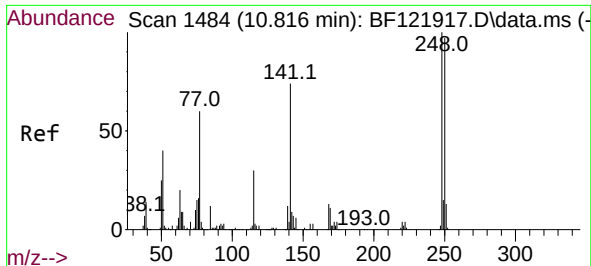
Tgt Ion:188 Resp: 550127
Ion Ratio Lower Upper
188 100
94 11.4 8.3 12.5
80 12.3 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.59 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.159 min
Lab File: BF122030.D
Acq: 20 Oct 2020 15:29

Tgt Ion:198 Resp: 618
Ion Ratio Lower Upper
198 100
51 175.5 29.6 69.6#
105 166.6 24.4 64.4#

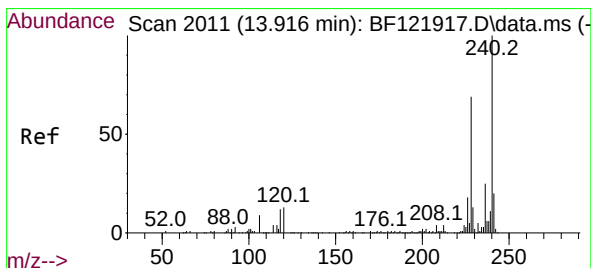
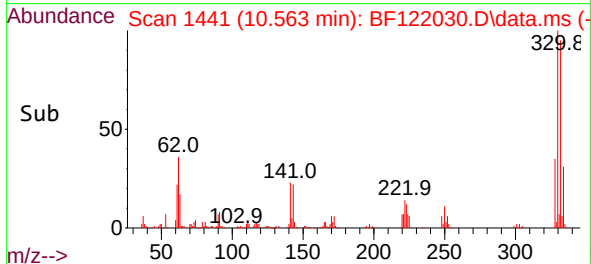
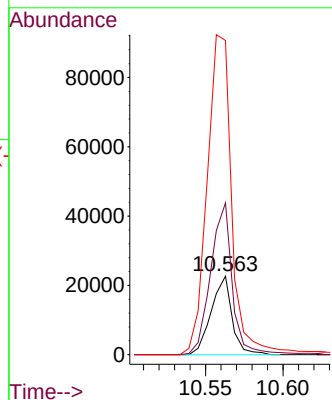
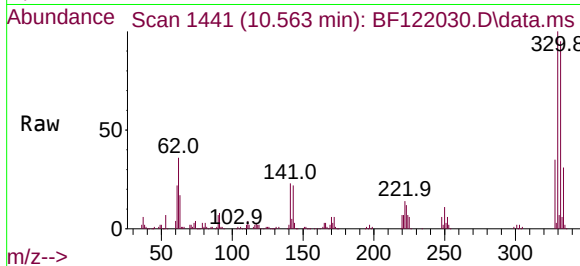




#67
4-Bromophenyl-phenylether
Concen: 3.33 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.247 min
Lab File: BF122030.D
Acq: 20 Oct 2020 15:29

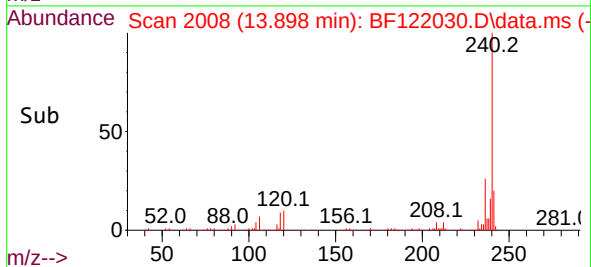
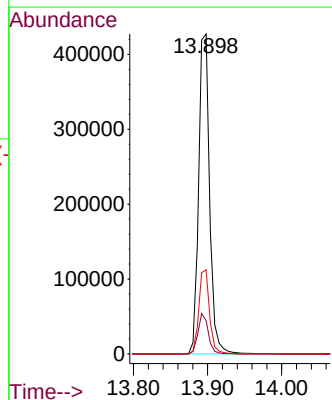
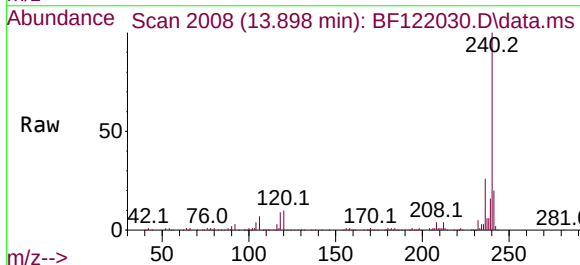
Instrument :
BNA_F
ClientSampleId :
PB132494TB

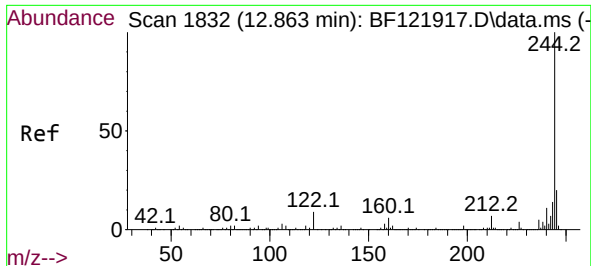
Tgt Ion:248 Resp: 21193
Ion Ratio Lower Upper
248 100
250 193.1 77.0 115.6#
141 399.6 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF122030.D
Acq: 20 Oct 2020 15:29

Tgt Ion:240 Resp: 438423
Ion Ratio Lower Upper
240 100
120 10.4 9.2 13.8
236 26.3 20.9 31.3

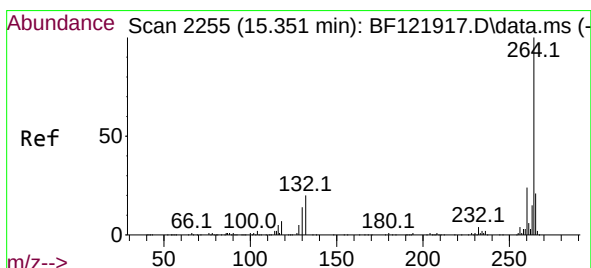
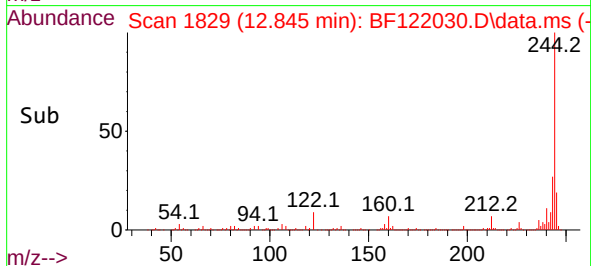
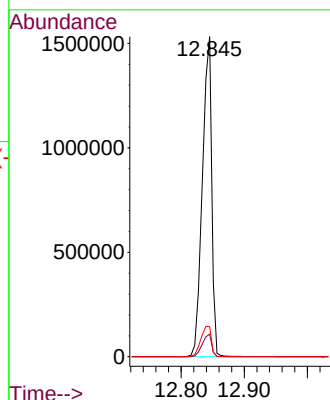
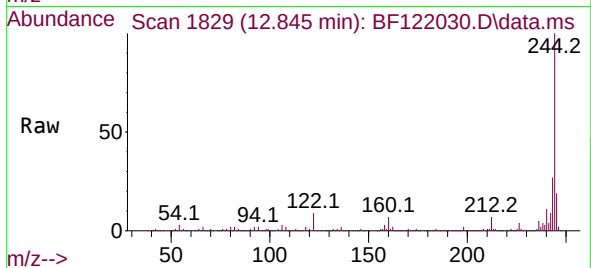




#79
 Terphenyl-d14
 Concen: 68.33 ng
 RT: 12.845 min Scan# 1829
 Delta R.T. -0.006 min
 Lab File: BF122030.D
 Acq: 20 Oct 2020 15:29

Instrument :
 BNA_F
 ClientSampleId :
 PB132494TB

Tgt Ion:244 Resp: 1571893
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 9.4 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: BF122030.D
 Acq: 20 Oct 2020 15:29

Tgt Ion:264 Resp: 366695
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.7 28.1
 265 21.6 17.3 25.9

