

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
 Data File : BF122028.D
 Acq On : 20 Oct 2020 14:28
 Operator : JU/CG
 Sample : PB132494BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132494BL

Quant Time: Oct 20 14:54:02 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)

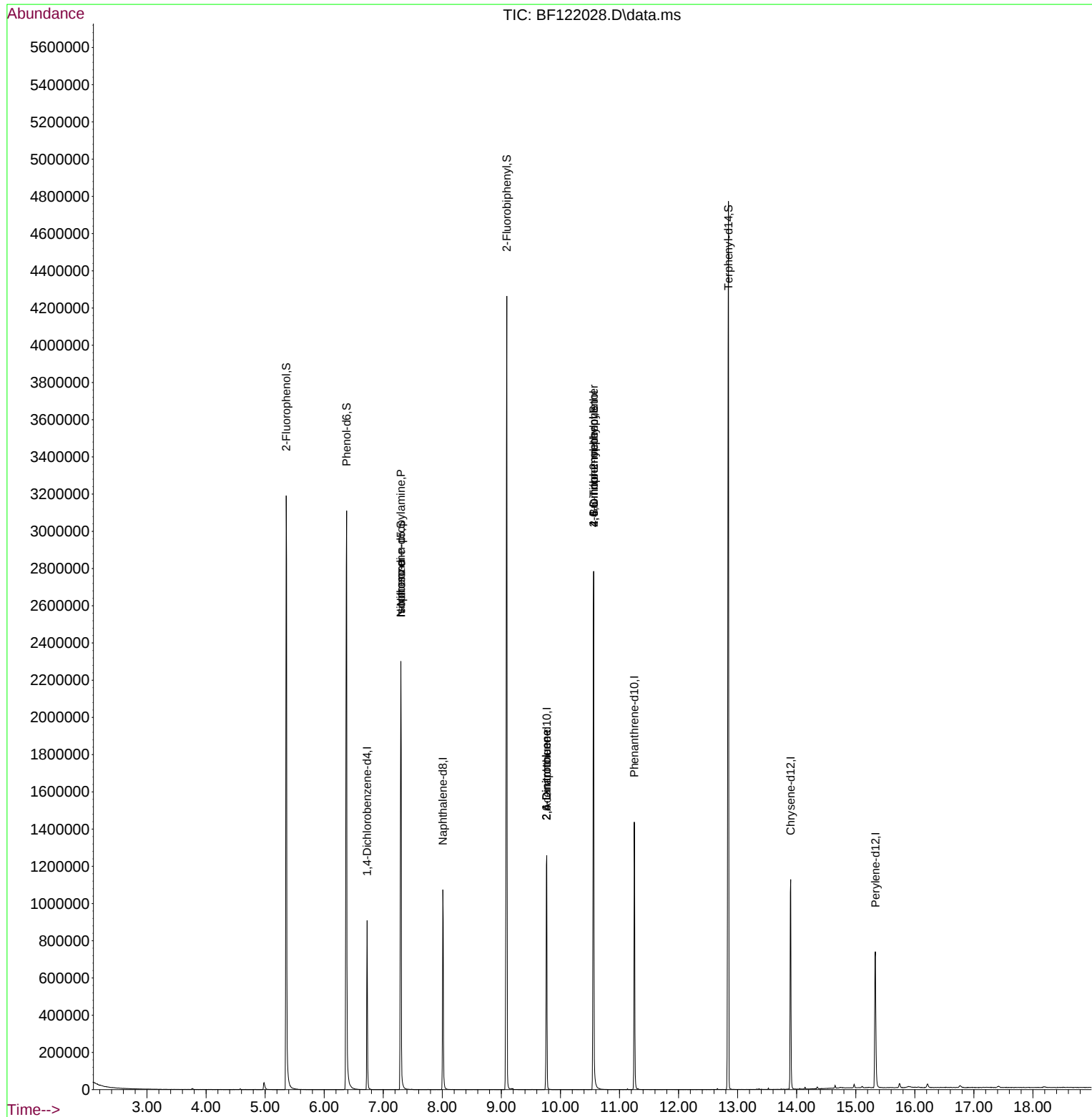
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	128212	20.00	ng	-0.02
21) Naphthalene-d8	8.010	136	525361	20.00	ng	-0.02
39) Acenaphthene-d10	9.769	164	283995	20.00	ng	-0.01
64) Phenanthrene-d10	11.251	188	537815	20.00	ng	-0.01
76) Chrysene-d12	13.898	240	428735	20.00	ng	-0.01
86) Perylene-d12	15.333	264	354177	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	970007	111.66	ng	0.00
7) Phenol-d6	6.381	99	1241102	110.99	ng	-0.01
23) Nitrobenzene-d5	7.298	82	879086	85.82	ng	-0.02
42) 2,4,6-Tribromophenol	10.563	330	411803	117.22	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	1492975	77.35	ng	-0.01
79) Terphenyl-d14	12.845	244	1690860	75.16	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.381	77	1847	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.298	70	118413	18.60	ng	# 80
25) Isophorone	7.298	82	879082	45.38	ng	# 67
51) 2,6-Dinitrotoluene	9.763	165	36443	8.00	ng	# 20
57) 2,4-Dinitrotoluene	9.763	165	36443	6.50	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.563	198	719	4.61	ng	# 1
67) 4-Bromophenyl-phenylether	10.563	248	23445	3.77	ng	# 1

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

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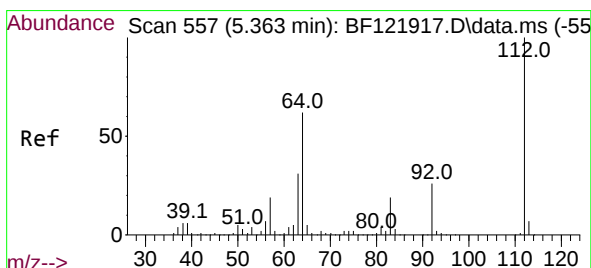
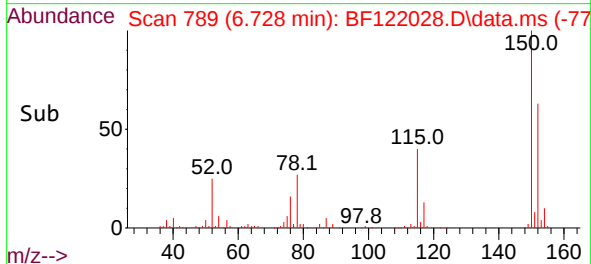
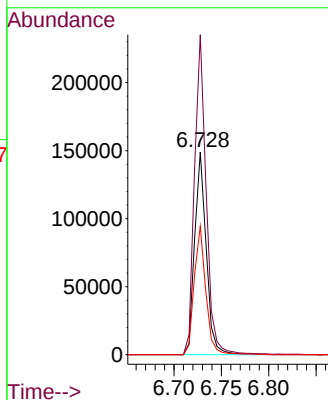
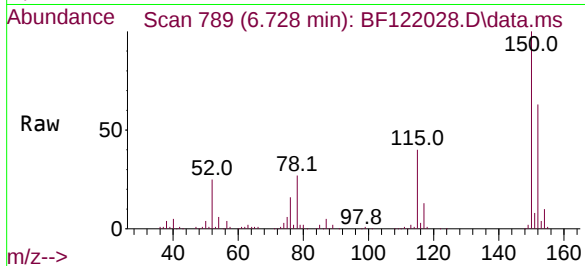




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.017 min
Lab File: BF122028.D
Acq: 20 Oct 2020 14:28

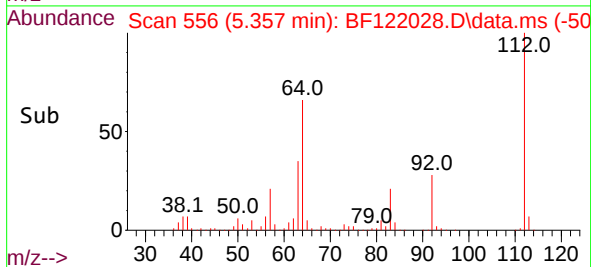
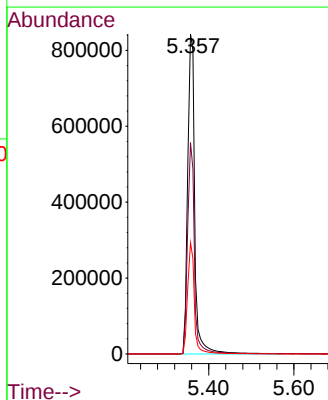
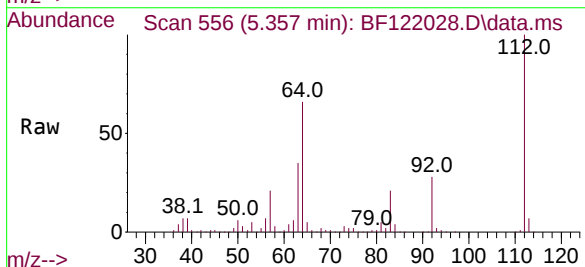
Instrument :
BNA_F
ClientSampleId :
PB132494BL

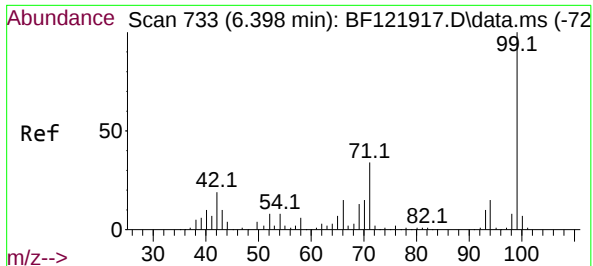
Tgt Ion:152 Resp: 128212
Ion Ratio Lower Upper
152 100
150 157.9 125.3 187.9
115 63.4 51.9 77.9



#5
2-Fluorophenol
Concen: 111.66 ng
RT: 5.357 min Scan# 556
Delta R.T. -0.006 min
Lab File: BF122028.D
Acq: 20 Oct 2020 14:28

Tgt Ion:112 Resp: 970007
Ion Ratio Lower Upper
112 100
64 66.1 50.4 75.6
63 34.8 25.8 38.6

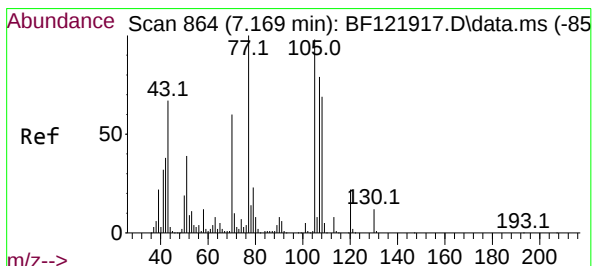
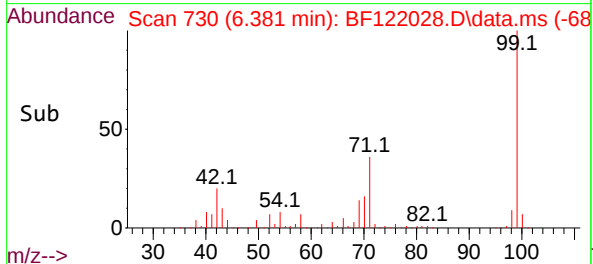
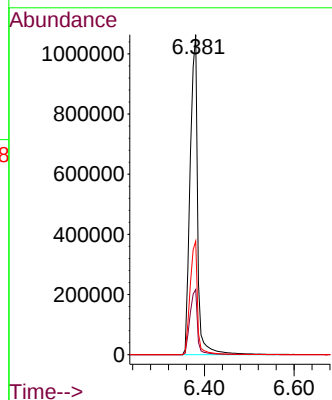
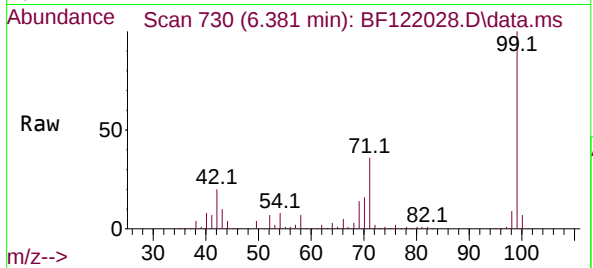




#7
Phenol-d6
Concen: 110.99 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.012 min
Lab File: BF122028.D
Acq: 20 Oct 2020 14:28

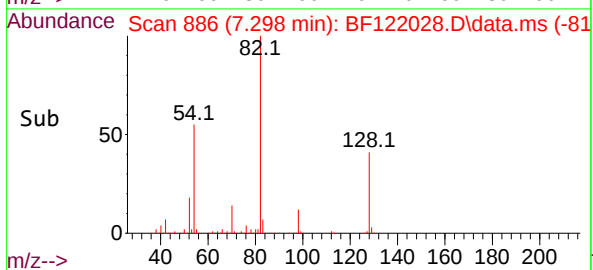
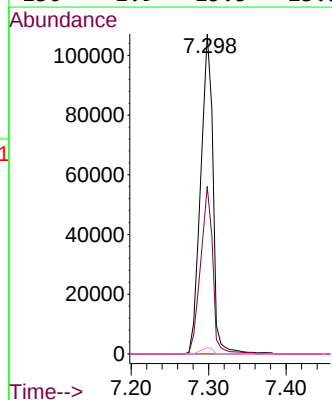
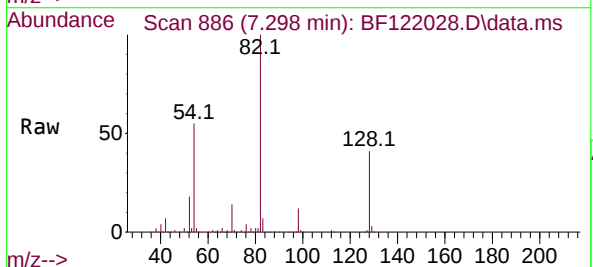
Instrument :
BNA_F
ClientSampleId :
PB132494BL

Tgt Ion: 99 Resp: 1241102
Ion Ratio Lower Upper
99 100
42 20.4 15.9 23.9
71 35.5 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.60 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.135 min
Lab File: BF122028.D
Acq: 20 Oct 2020 14:28

Tgt Ion: 70 Resp: 118413
Ion Ratio Lower Upper
70 100
42 52.4 50.2 75.4
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



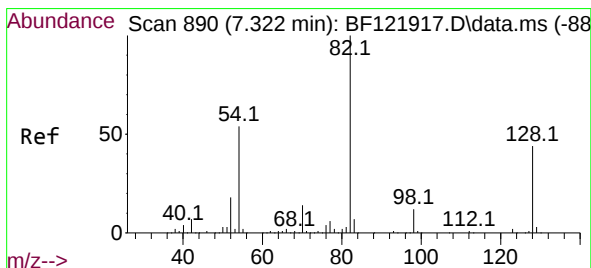
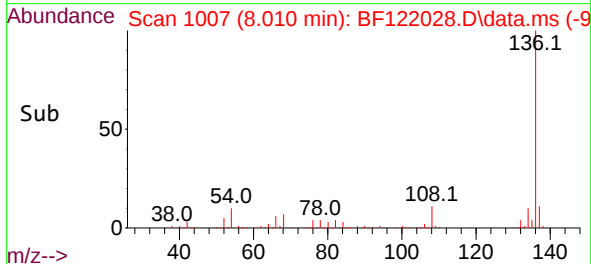
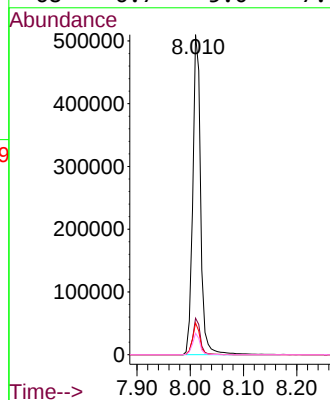
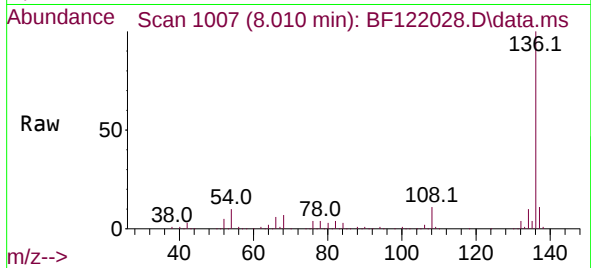


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.018 min
Lab File: BF122028.D
Acq: 20 Oct 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB132494BL

Tgt Ion:136 Resp: 525361

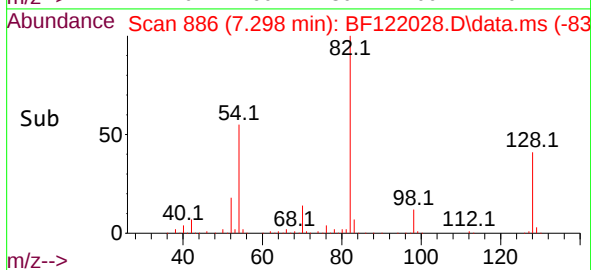
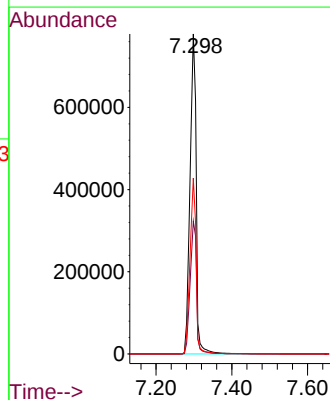
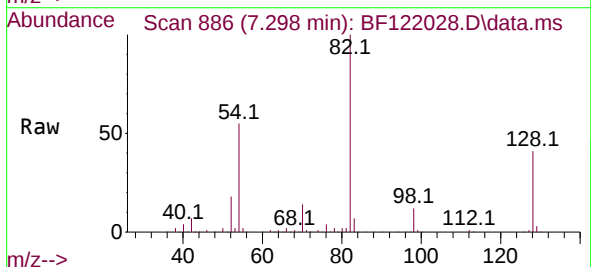
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	9.9	7.1	10.7
68	6.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 85.82 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.018 min
Lab File: BF122028.D
Acq: 20 Oct 2020 14:28

Tgt Ion: 82 Resp: 879086

Ion	Ratio	Lower	Upper
82	100		
128	41.5	35.0	52.4
54	55.0	43.9	65.9

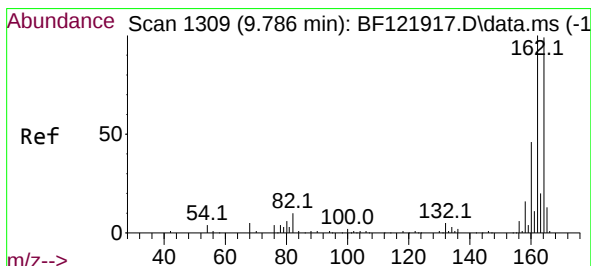
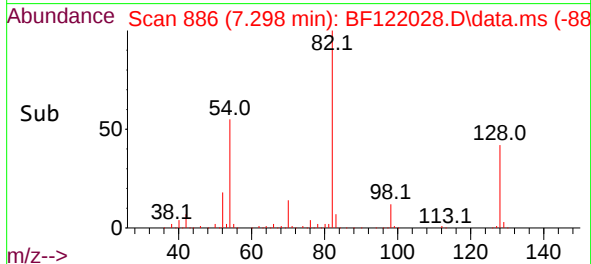
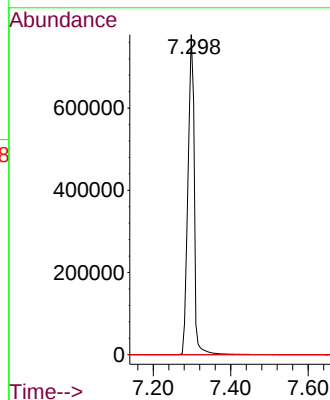
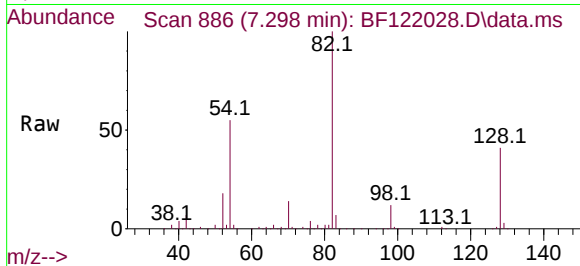




#25
Isophorone
Concen: 45.38 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.276 min
Lab File: BF122028.D
Acq: 20 Oct 2020 14:28

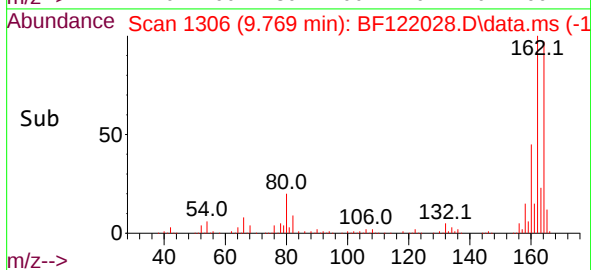
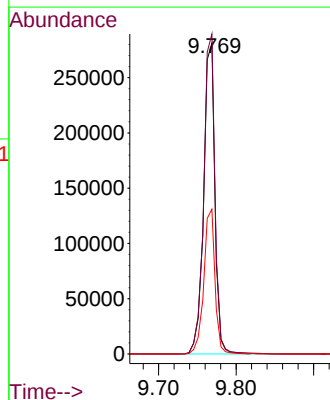
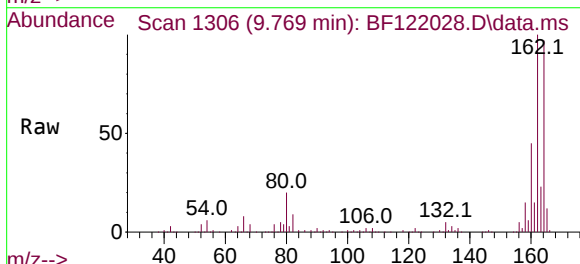
Instrument :
BNA_F
ClientSampleId :
PB132494BL

Tgt Ion: 82 Resp: 879082
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: BF122028.D
Acq: 20 Oct 2020 14:28

Tgt Ion: 164 Resp: 283995
Ion Ratio Lower Upper
164 100
162 103.1 83.2 124.8
160 46.6 37.5 56.3

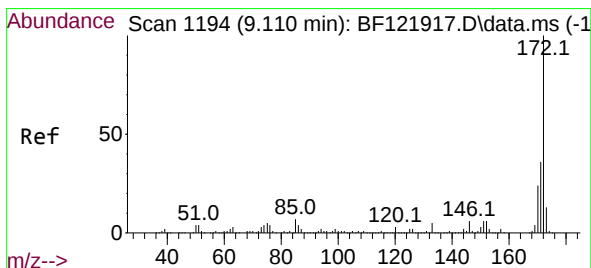
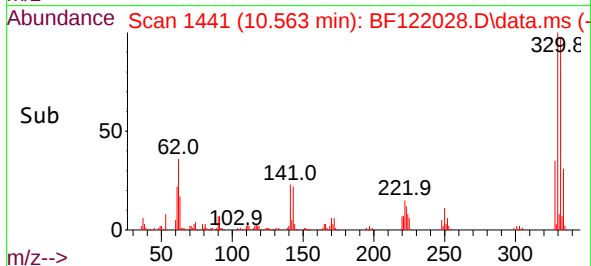
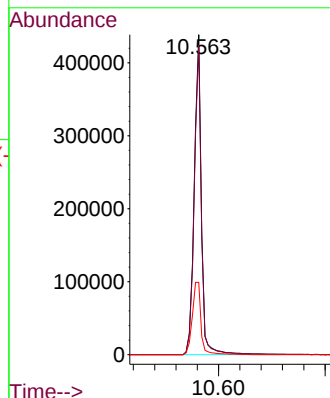
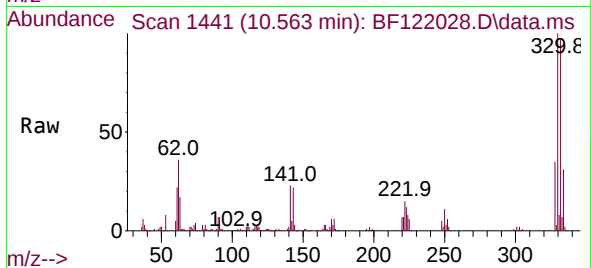




#42
2,4,6-Tribromophenol
Concen: 117.22 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF122028.D
Acq: 20 Oct 2020 14:28

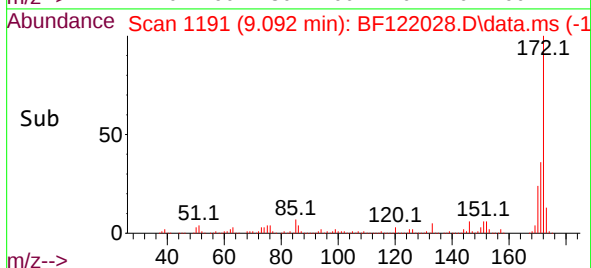
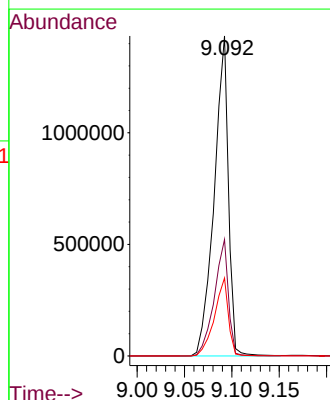
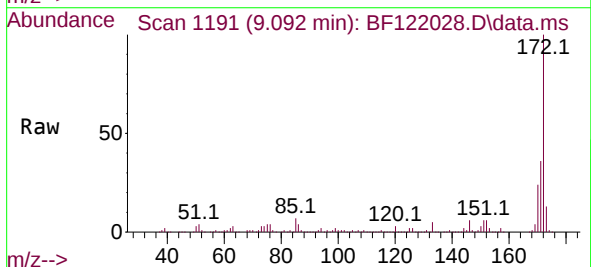
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ClientSampleId :
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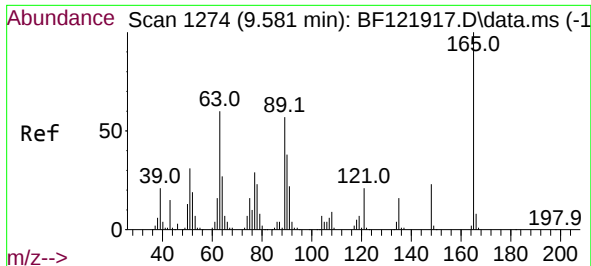
Tgt Ion:330 Resp: 411803
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 27.4 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 77.35 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.012 min
Lab File: BF122028.D
Acq: 20 Oct 2020 14:28

Tgt Ion:172 Resp: 1492975
Ion Ratio Lower Upper
172 100
171 36.4 29.1 43.7
170 24.3 19.8 29.6

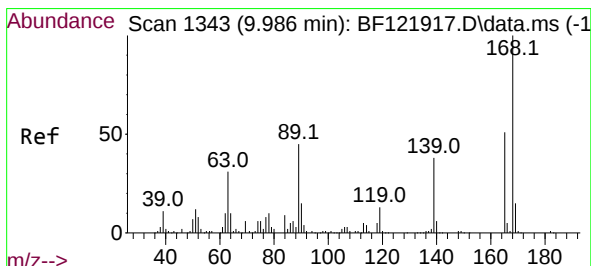
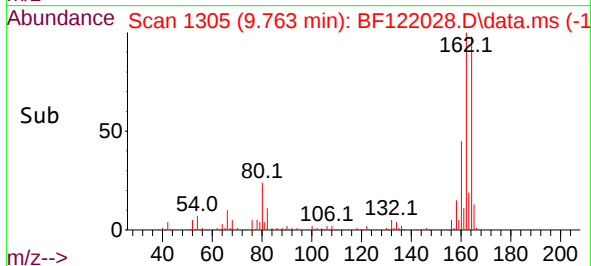
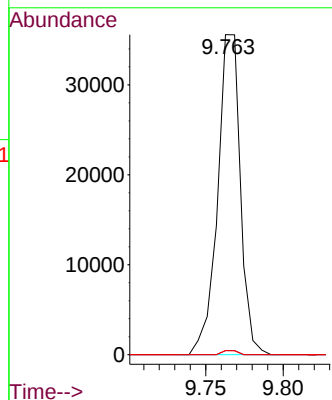
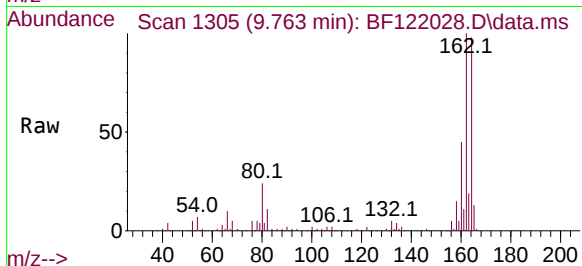




#51
2,6-Dinitrotoluene
Concen: 8.00 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.188 min
Lab File: BF122028.D
Acq: 20 Oct 2020 14:28

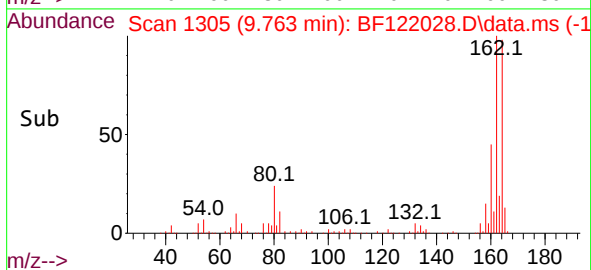
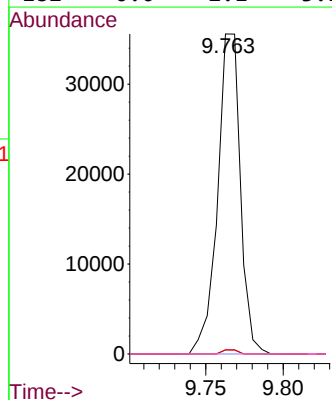
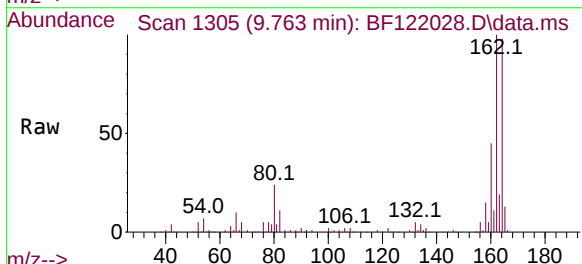
Instrument :
BNA_F
ClientSampleId :
PB132494BL

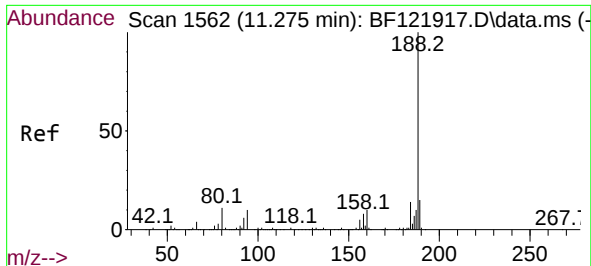
Tgt Ion:165 Resp: 36443
Ion Ratio Lower Upper
165 100
63 1.2 51.8 77.6#
89 1.3 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.50 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.223 min
Lab File: BF122028.D
Acq: 20 Oct 2020 14:28

Tgt Ion:165 Resp: 36443
Ion Ratio Lower Upper
165 100
63 1.2 41.3 61.9#
89 1.3 61.8 92.8#
182 0.0 2.1 3.1#

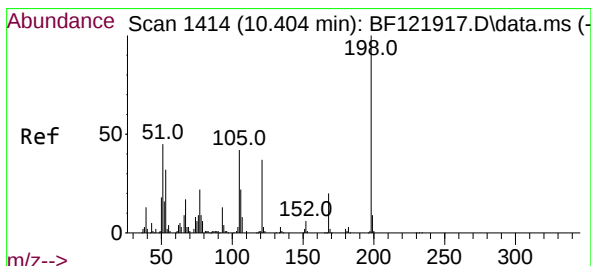
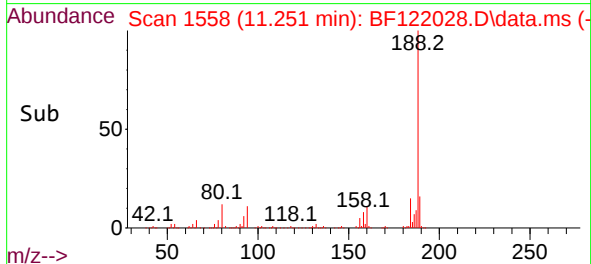
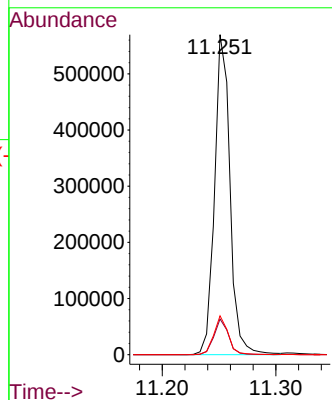
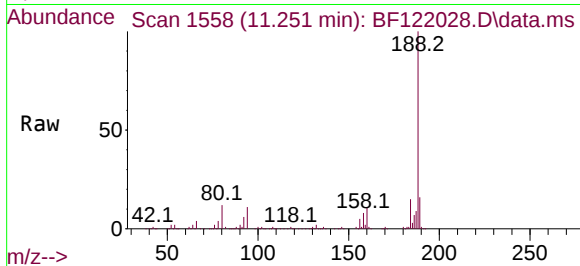




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.012 min
Lab File: BF122028.D
Acq: 20 Oct 2020 14:28

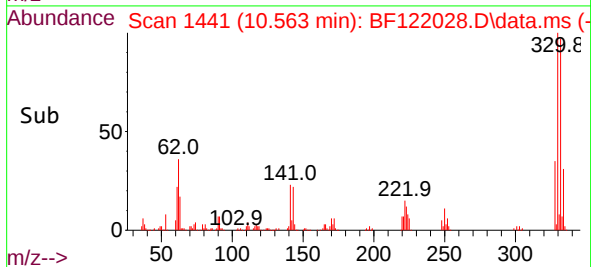
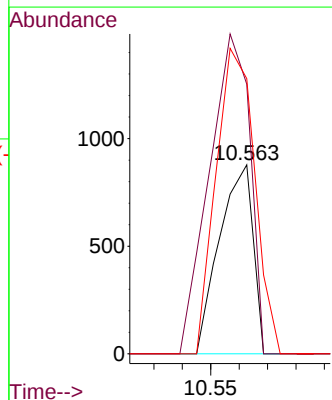
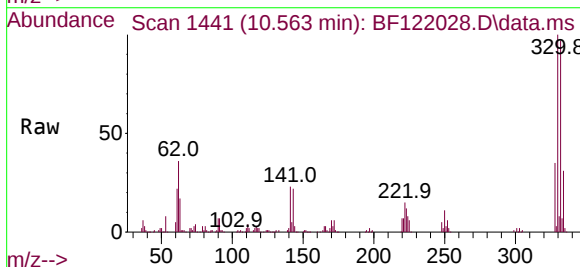
Instrument :
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ClientSampleId :
PB132494BL

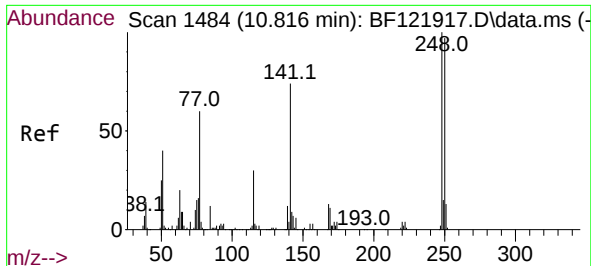
Tgt Ion:188 Resp: 537815
Ion Ratio Lower Upper
188 100
94 11.2 8.3 12.5
80 12.1 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.61 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.165 min
Lab File: BF122028.D
Acq: 20 Oct 2020 14:28

Tgt Ion:198 Resp: 719
Ion Ratio Lower Upper
198 100
51 142.7 29.6 69.6#
105 145.7 24.4 64.4#

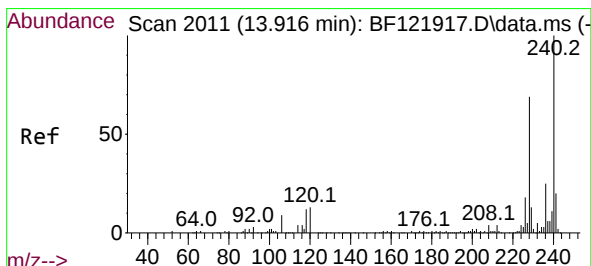
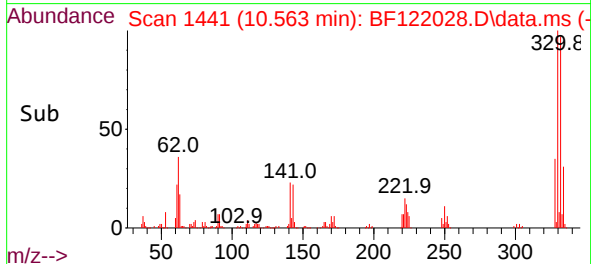
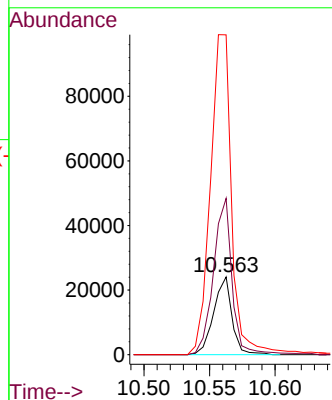
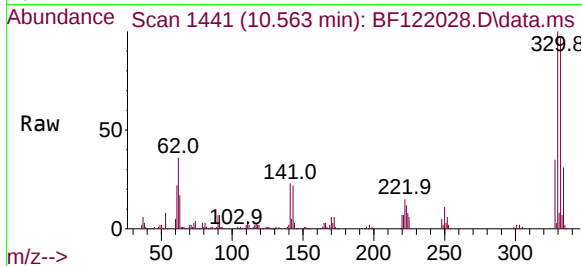




#67
4-Bromophenyl-phenylether
Concen: 3.77 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.247 min
Lab File: BF122028.D
Acq: 20 Oct 2020 14:28

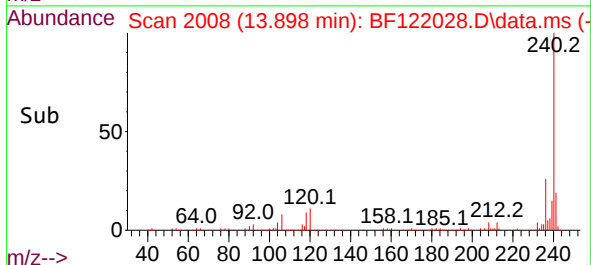
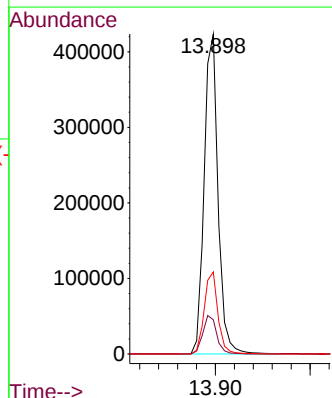
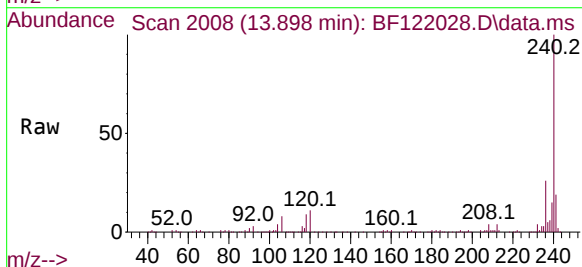
Instrument :
BNA_F
ClientSampleId :
PB132494BL

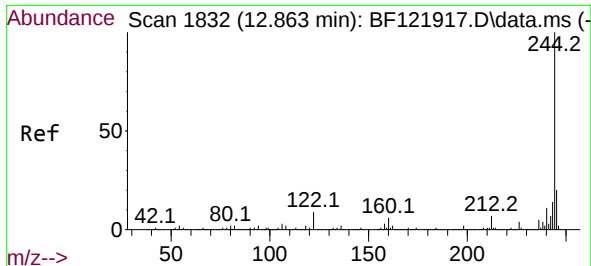
Tgt Ion:248 Resp: 23445
Ion Ratio Lower Upper
248 100
250 200.9 77.0 115.6#
141 411.2 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF122028.D
Acq: 20 Oct 2020 14:28

Tgt Ion:240 Resp: 428735
Ion Ratio Lower Upper
240 100
120 10.7 9.2 13.8
236 25.7 20.9 31.3

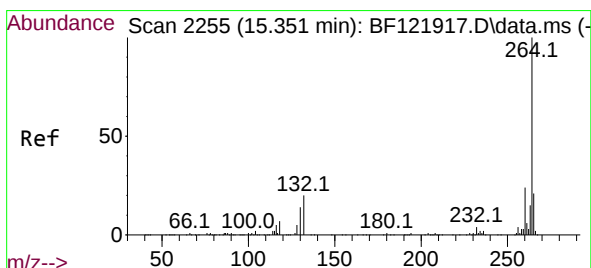
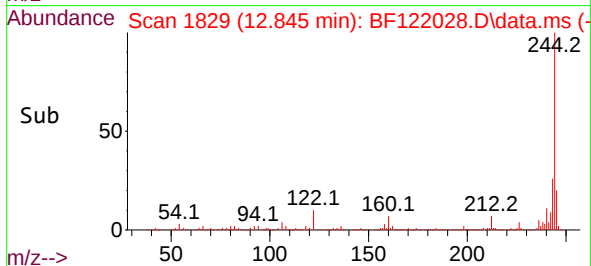
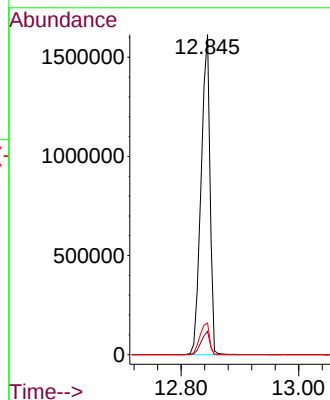
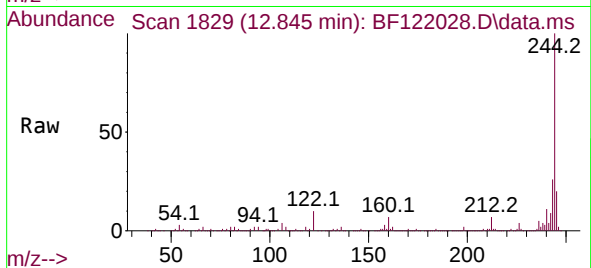




#79
Terphenyl-d14
Concen: 75.16 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF122028.D
Acq: 20 Oct 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB132494BL

Tgt Ion:244 Resp: 1690860
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 9.9 8.1 12.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.333 min Scan# 2252
Delta R.T. -0.006 min
Lab File: BF122028.D
Acq: 20 Oct 2020 14:28

Tgt Ion:264 Resp: 354177
Ion Ratio Lower Upper
264 100
260 24.3 18.7 28.1
265 21.7 17.3 25.9

