

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
 Data File : BF128317.D
 Acq On : 18 May 2022 17:57
 Operator : CG\JU
 Sample : N2879-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-0516

Quant Time: May 18 18:22:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 01:31:11 2022
 Response via : Initial Calibration

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

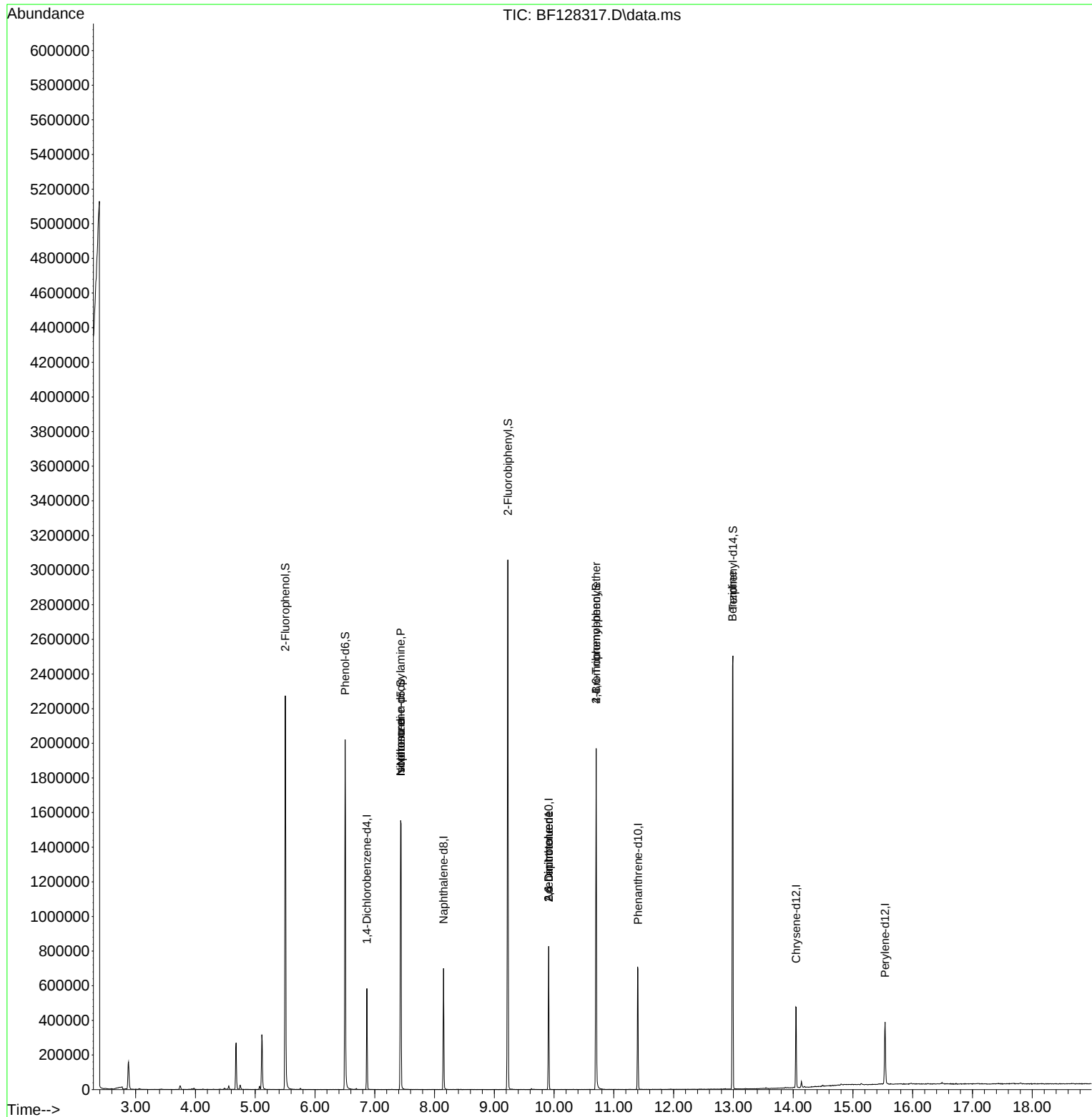
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	72732	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	286571	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	155210	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	266930	20.000	ng	#-0.01
76) Chrysene-d12	14.051	240	168182	20.000	ng	-0.01
86) Perylene-d12	15.539	264	159728	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	555774	121.814	ng	0.00
7) Phenol-d6	6.504	99	663787	109.997	ng	-0.01
23) Nitrobenzene-d5	7.434	82	571455	89.728	ng	-0.02
42) 2,4,6-Tribromophenol	10.704	330	214988	120.775	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	907027	91.439	ng	-0.01
79) Terphenyl-d14	12.992	244	922907	102.969	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.504	77	1046	Below Cal	Qvalue	# 3
19) n-Nitroso-di-n-propyla...	7.434	70	78270	21.062	ng	# 80
25) Isophorone	7.434	82	571446	57.232	ng	# 68
51) 2,6-Dinitrotoluene	9.910	165	20230	9.207	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	20230	6.886	ng	# 26
67) 4-Bromophenyl-phenylether	10.704	248	13173	4.587	ng	# 1
77) Benizidine	12.986	184	13827	3.796	ng	# 91

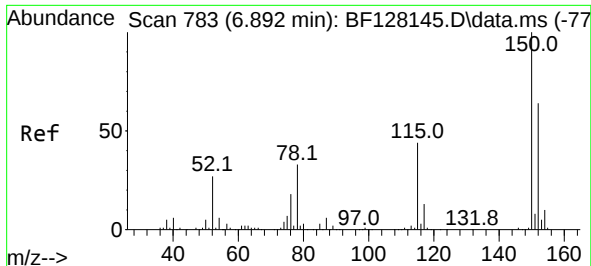
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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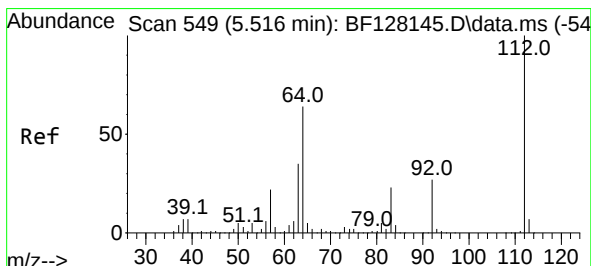
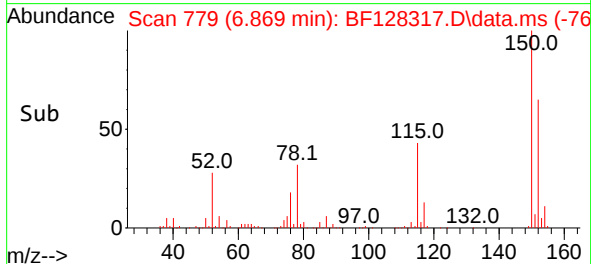
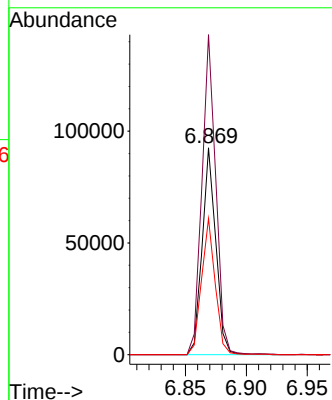
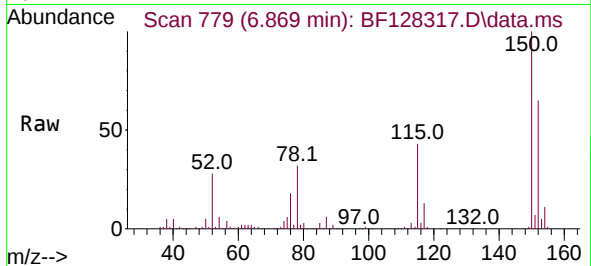




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF128317.D
 Acq: 18 May 2022 17:57

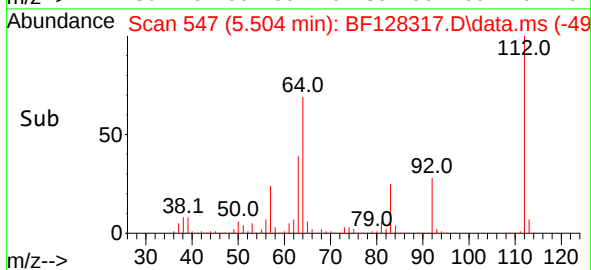
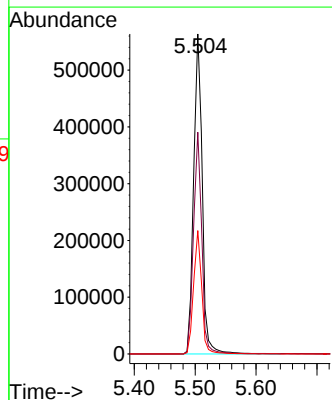
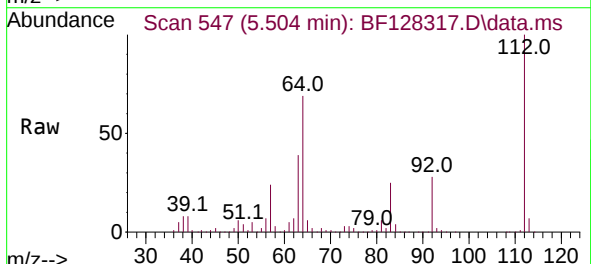
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-0516

Tgt Ion:152 Resp: 72732
 Ion Ratio Lower Upper
 152 100
 150 154.7 125.3 187.9
 115 65.9 48.8 73.2



#5
 2-Fluorophenol
 Concen: 121.814 ng
 RT: 5.504 min Scan# 547
 Delta R.T. 0.006 min
 Lab File: BF128317.D
 Acq: 18 May 2022 17:57

Tgt Ion:112 Resp: 555774
 Ion Ratio Lower Upper
 112 100
 64 69.3 49.5 74.3
 63 38.5 26.3 39.5

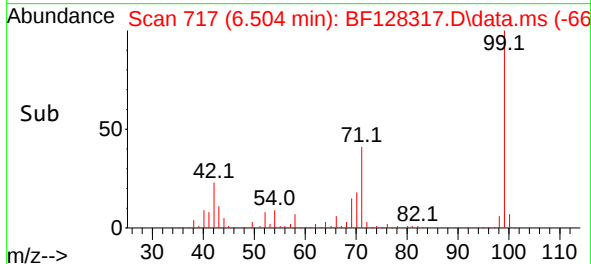
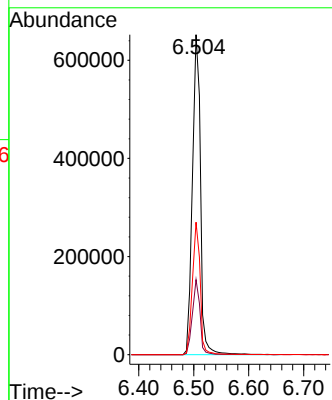
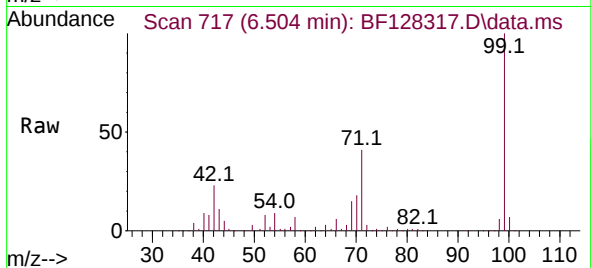




#7
Phenol-d6
Concen: 109.997 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128317.D
Acq: 18 May 2022 17:57

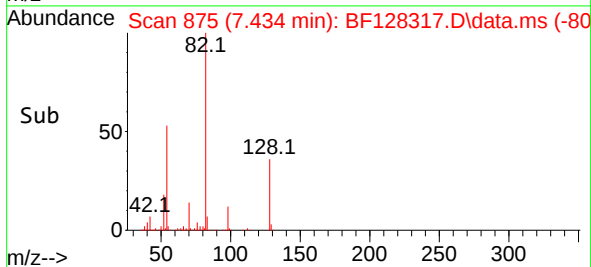
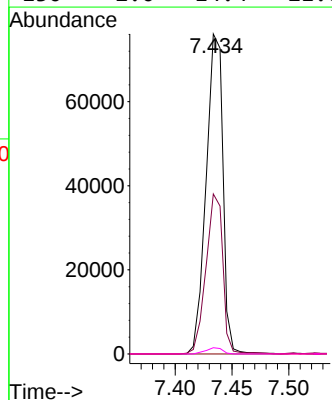
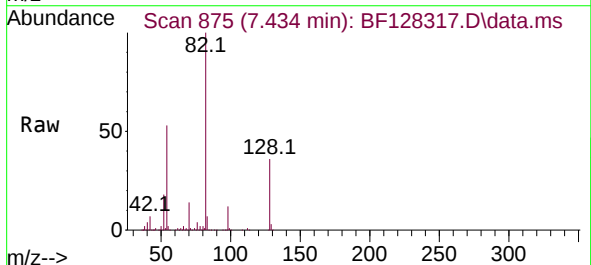
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BNA_F
ClientSampleId :
TP-3-0516

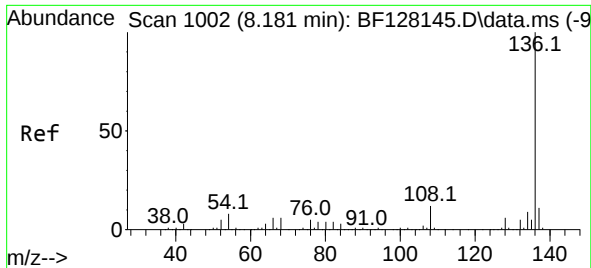
Tgt Ion: 99 Resp: 663787
Ion Ratio Lower Upper
99 100
42 23.4 16.6 24.8
71 41.4 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.062 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.135 min
Lab File: BF128317.D
Acq: 18 May 2022 17:57

Tgt Ion: 70 Resp: 78270
Ion Ratio Lower Upper
70 100
42 50.0 48.7 73.1
101 0.0 7.2 10.8#
130 2.0 14.4 21.6#



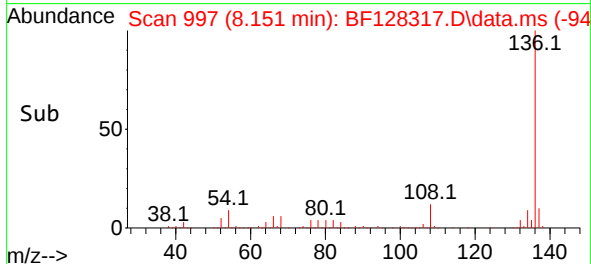
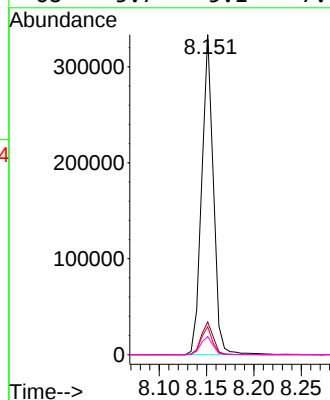
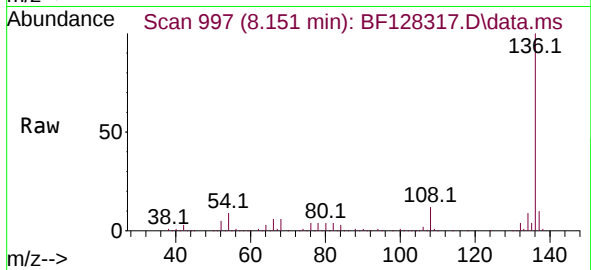


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF128317.D
Acq: 18 May 2022 17:57

Instrument :
BNA_F
ClientSampleId :
TP-3-0516

Tgt Ion:136 Resp: 286571

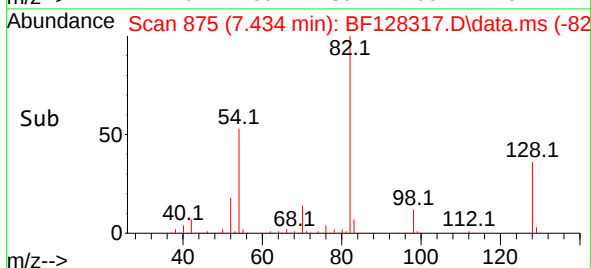
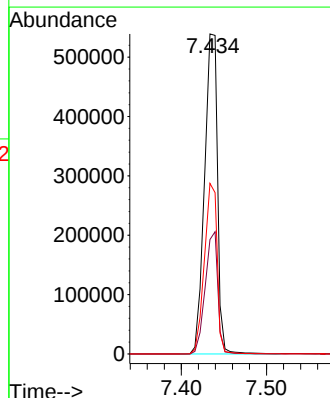
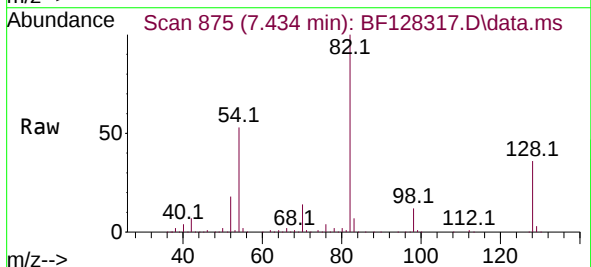
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	13.0
54	8.8	6.8	10.2
68	5.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 89.728 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.018 min
Lab File: BF128317.D
Acq: 18 May 2022 17:57

Tgt Ion: 82 Resp: 571455

Ion	Ratio	Lower	Upper
82	100		
128	35.7	30.0	45.0
54	53.3	41.3	61.9

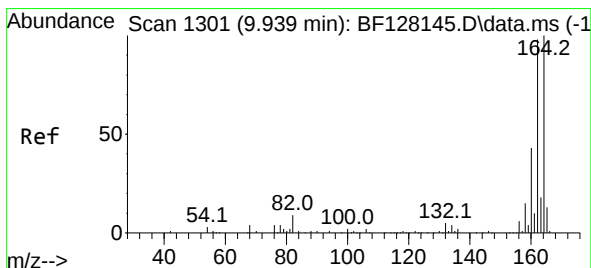
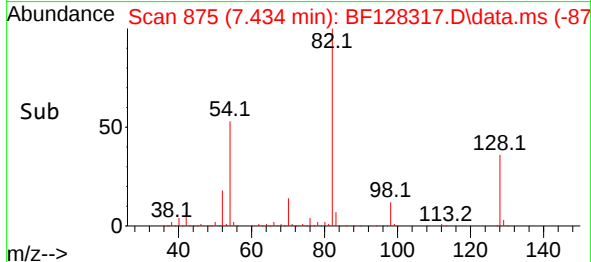
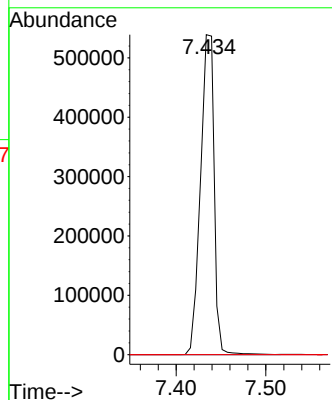
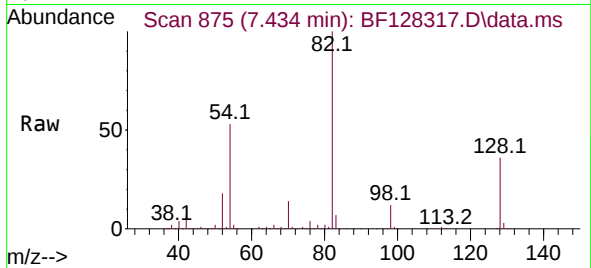




#25
Isophorone
Concen: 57.232 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128317.D
Acq: 18 May 2022 17:57

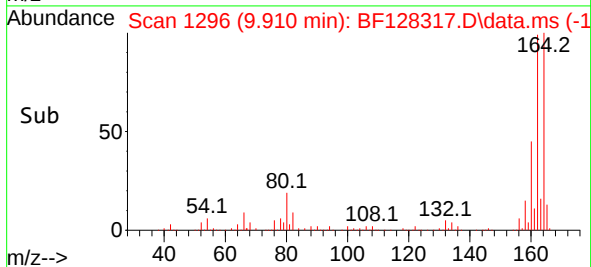
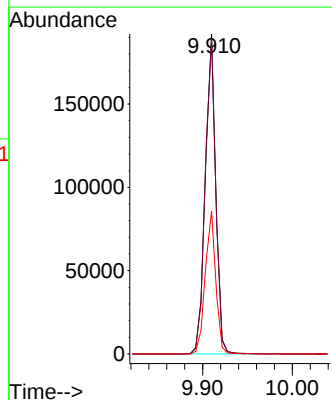
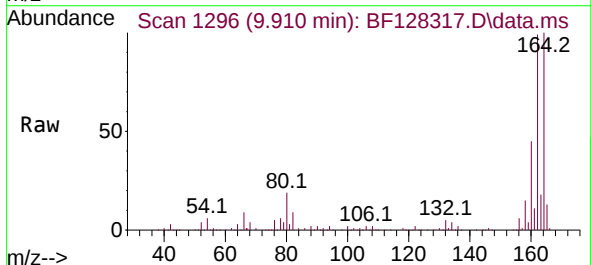
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ClientSampleId :
TP-3-0516

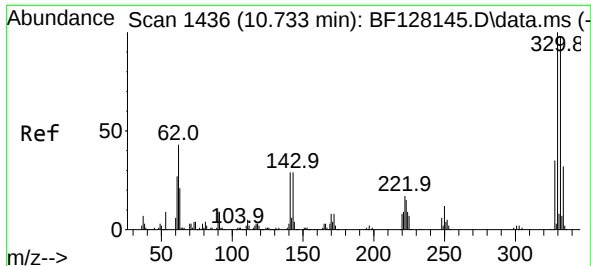
Tgt Ion: 82 Resp: 571446
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.012 min
Lab File: BF128317.D
Acq: 18 May 2022 17:57

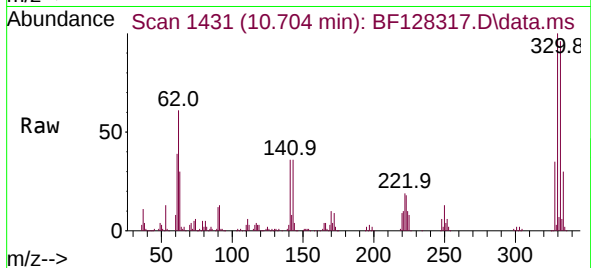
Tgt Ion:164 Resp: 155210
Ion Ratio Lower Upper
164 100
162 98.5 76.0 114.0
160 44.6 34.8 52.2



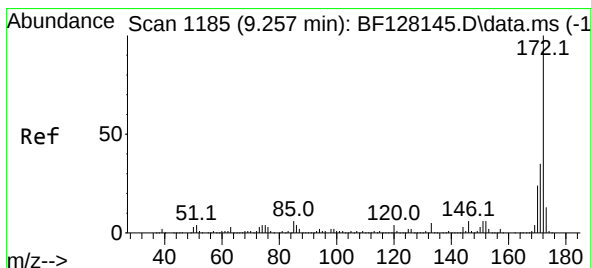
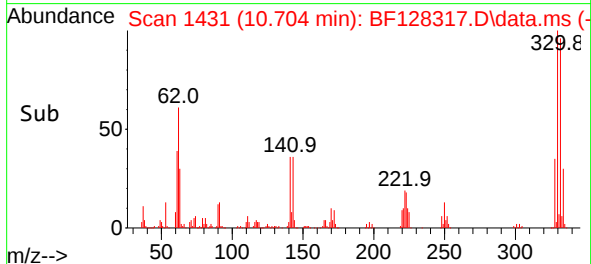
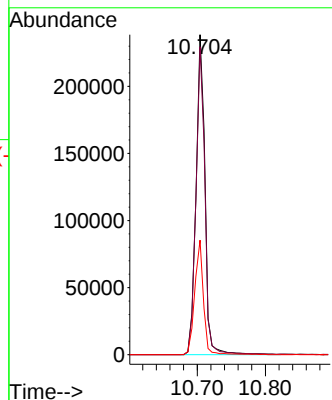


#42
2,4,6-Tribromophenol
Concen: 120.775 ng
RT: 10.704 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF128317.D
Acq: 18 May 2022 17:57

Instrument :
BNA_F
ClientSampleId :
TP-3-0516

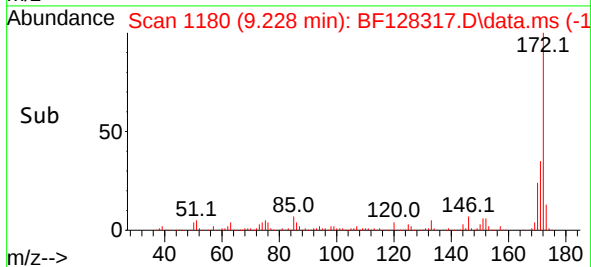
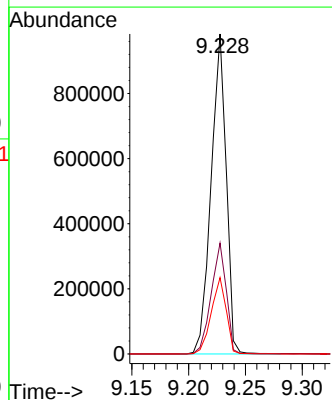
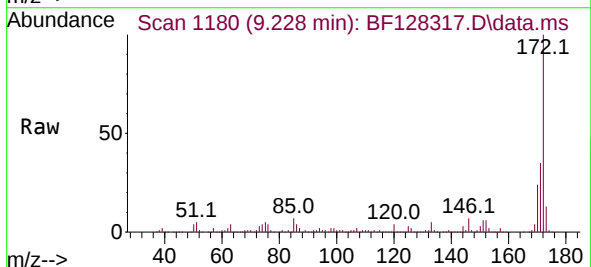


Tgt Ion:330 Resp: 214988
Ion Ratio Lower Upper
330 100
332 96.6 79.0 118.4
141 35.0 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 91.439 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.012 min
Lab File: BF128317.D
Acq: 18 May 2022 17:57

Tgt Ion:172 Resp: 907027
Ion Ratio Lower Upper
172 100
171 34.7 28.6 42.8
170 23.9 19.1 28.7

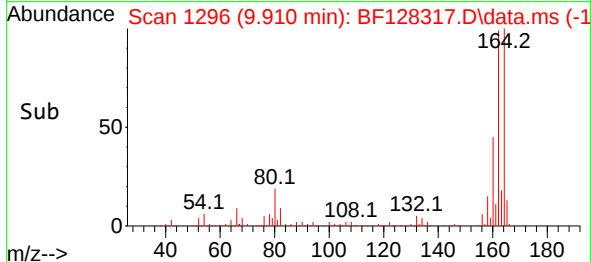
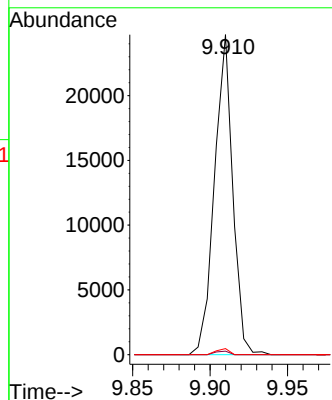
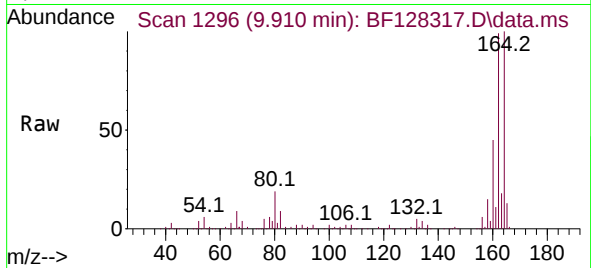




#51
2,6-Dinitrotoluene
Concen: 9.207 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.200 min
Lab File: BF128317.D
Acq: 18 May 2022 17:57

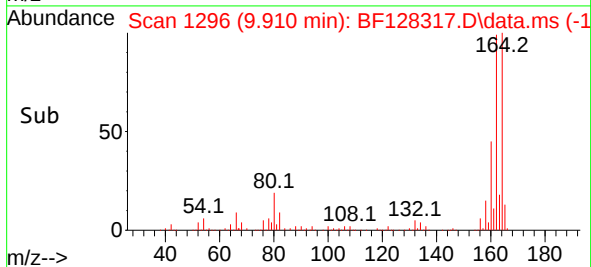
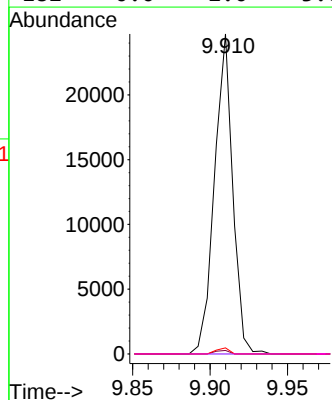
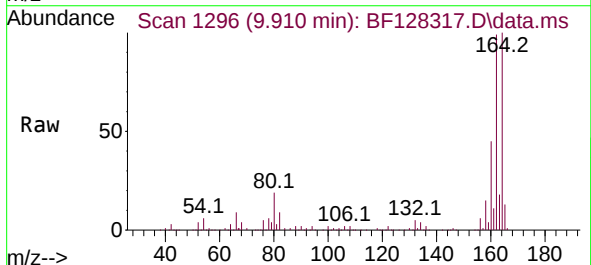
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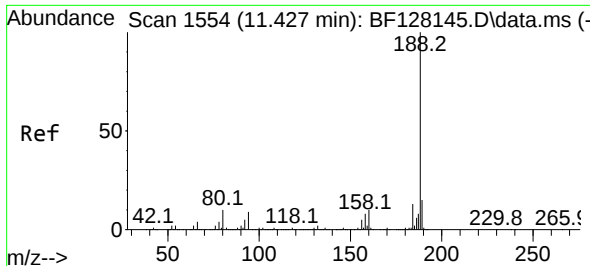
Tgt Ion:165 Resp: 20230
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.9 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.886 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.212 min
Lab File: BF128317.D
Acq: 18 May 2022 17:57

Tgt Ion:165 Resp: 20230
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.9 55.2 82.8#
182 0.0 2.0 3.0#

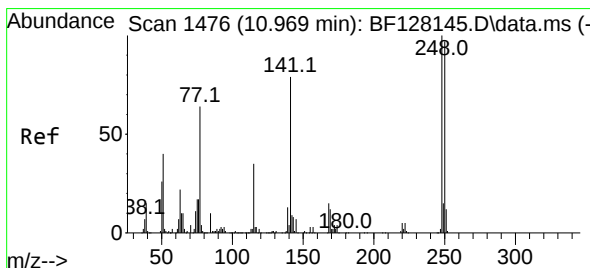
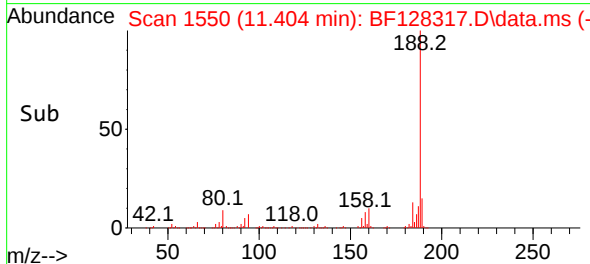
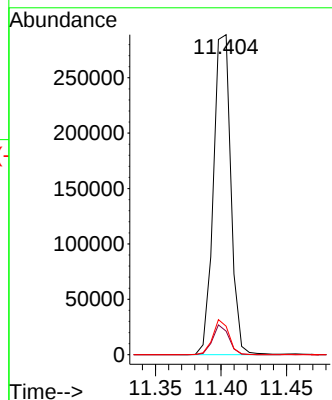
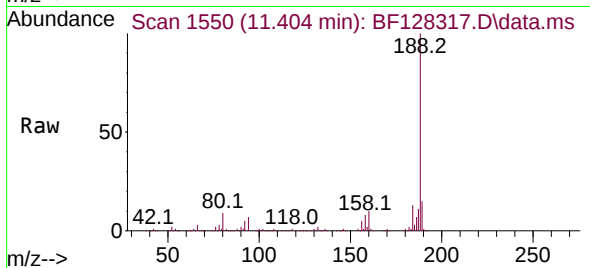




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11404
Delta R.T. -0.012 min
Lab File: BF128317.D
Acq: 18 May 2022 17:57

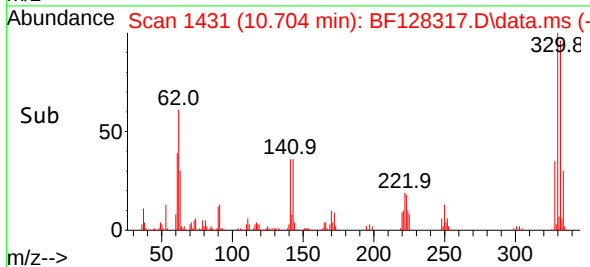
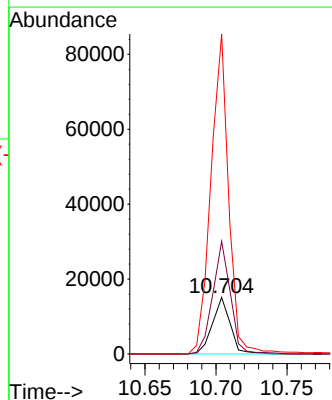
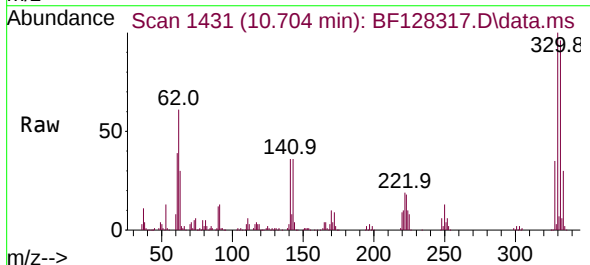
Instrument :
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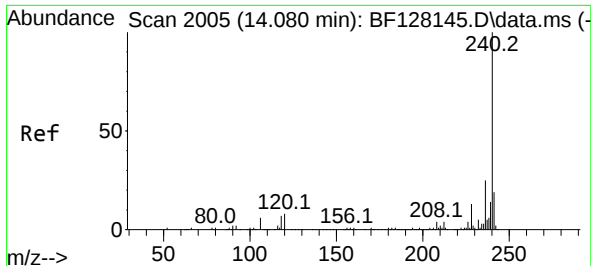
Tgt Ion:188 Resp: 266930
Ion Ratio Lower Upper
188 100
94 7.3 8.0 12.0#
80 8.9 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.587 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.253 min
Lab File: BF128317.D
Acq: 18 May 2022 17:57

Tgt Ion:248 Resp: 13173
Ion Ratio Lower Upper
248 100
250 199.7 77.7 116.5#
141 567.0 65.6 98.4#

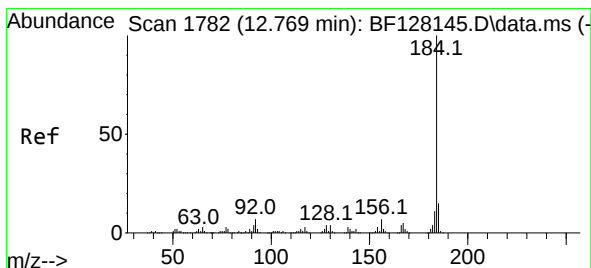
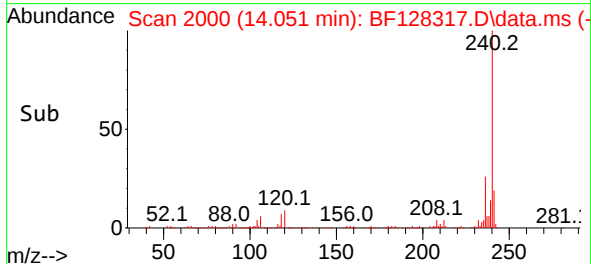
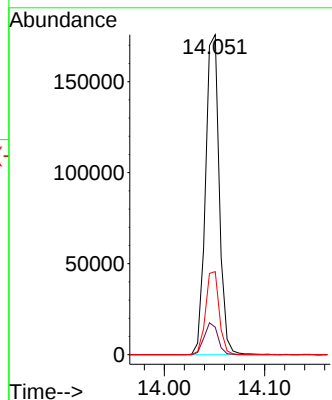
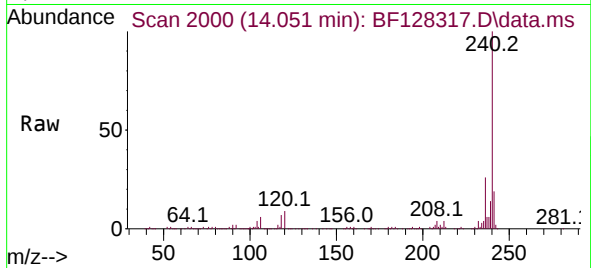




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.012 min
Lab File: BF128317.D
Acq: 18 May 2022 17:57

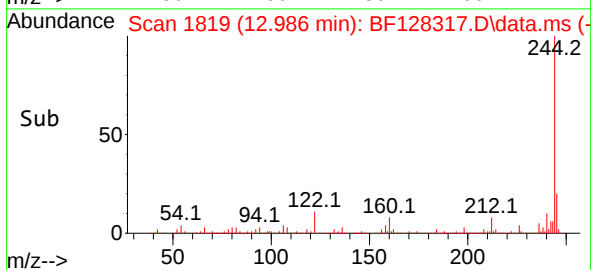
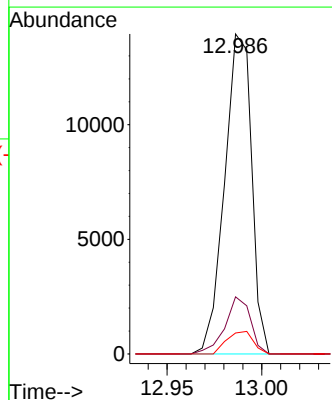
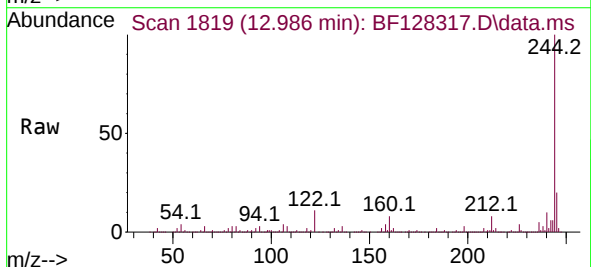
Instrument :
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TP-3-0516

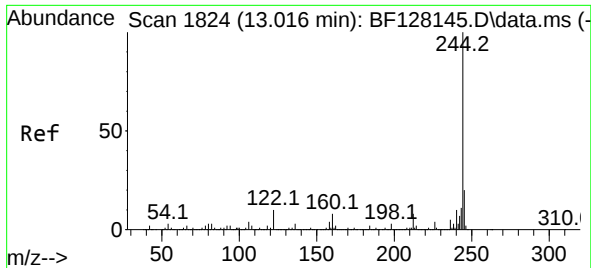
Tgt Ion:240 Resp: 168182
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.6
236 25.9 20.3 30.5



#77
Benzidine
Concen: 3.796 ng
RT: 12.986 min Scan# 1819
Delta R.T. 0.235 min
Lab File: BF128317.D
Acq: 18 May 2022 17:57

Tgt Ion:184 Resp: 13827
Ion Ratio Lower Upper
184 100
185 17.9 12.1 18.1
183 6.6 9.0 13.4#

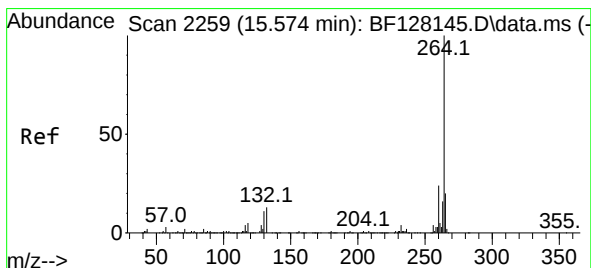
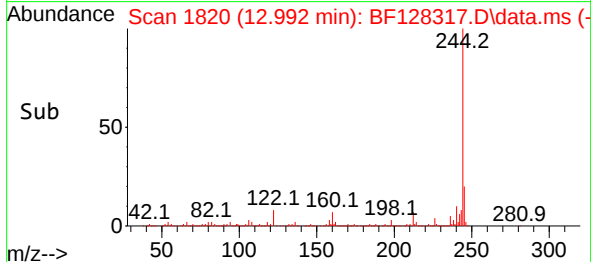
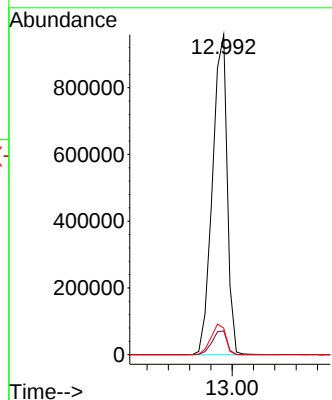
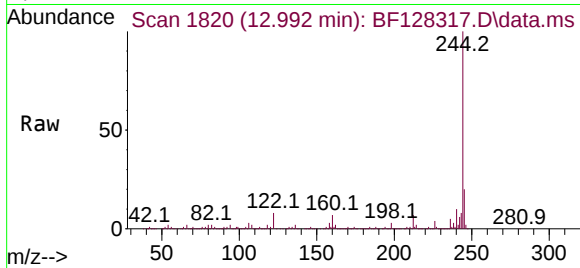




#79
 Terphenyl-d14
 Concen: 102.969 ng
 RT: 12.992 min Scan# 1820
 Delta R.T. -0.012 min
 Lab File: BF128317.D
 Acq: 18 May 2022 17:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-0516

Tgt Ion:244 Resp: 922907
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 8.3 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2253
 Delta R.T. -0.018 min
 Lab File: BF128317.D
 Acq: 18 May 2022 17:57

Tgt Ion:264 Resp: 159728
 Ion Ratio Lower Upper
 264 100
 260 23.2 20.1 30.1
 265 21.4 17.5 26.3

