

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
 Data File : BF128210.D
 Acq On : 11 May 2022 22:41
 Operator : CG\JU
 Sample : N2775-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-35S

Quant Time: May 12 06:01:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

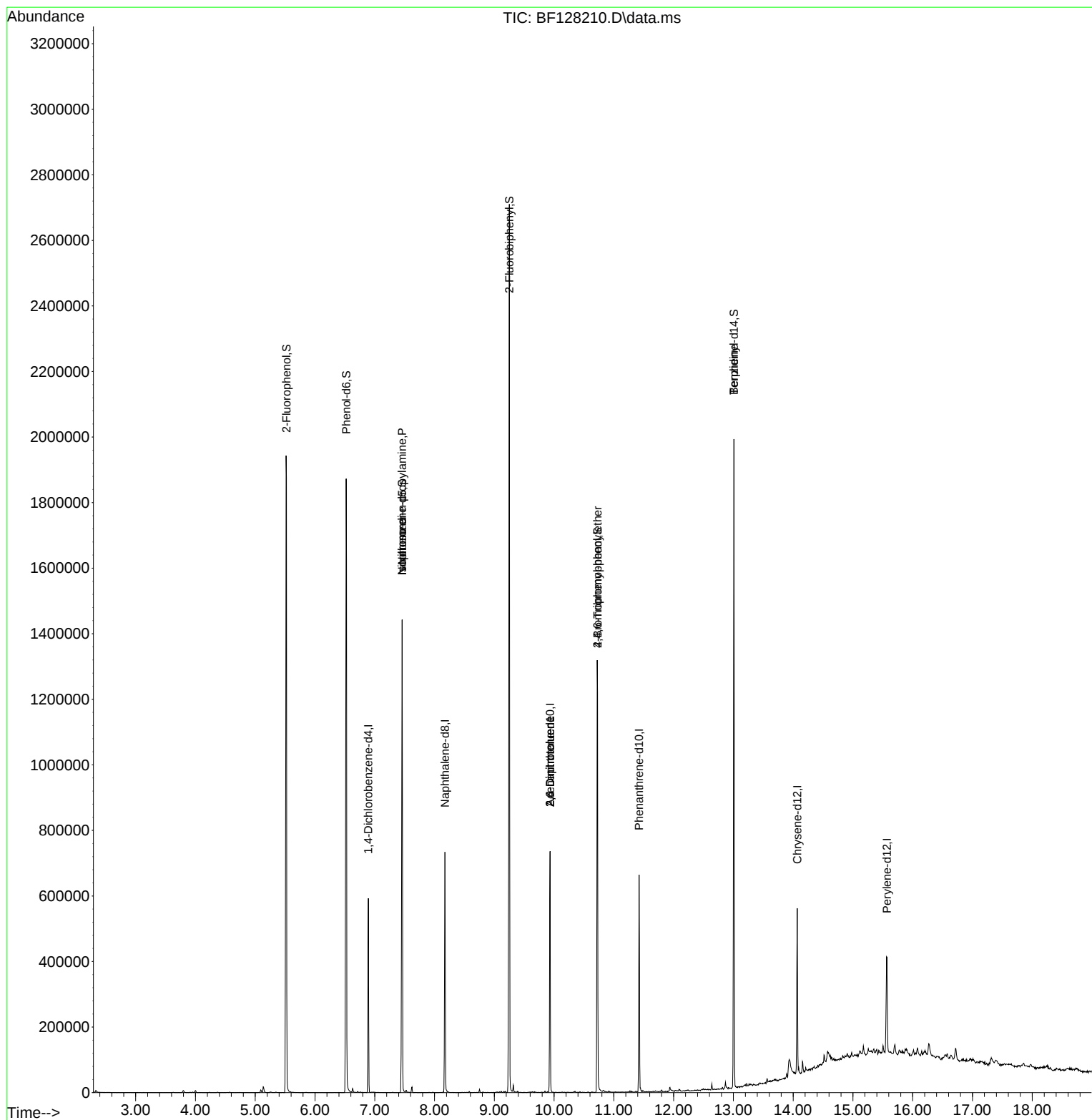
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	74887	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	282806	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	147301	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	228373	20.000	ng	0.00
76) Chrysene-d12	14.068	240	165781	20.000	ng	-0.01
86) Perylene-d12	15.568	264	142093	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	520135	110.722	ng	0.00
7) Phenol-d6	6.522	99	681786	109.729	ng	0.00
23) Nitrobenzene-d5	7.457	82	487914	77.631	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	163660	96.877	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	767063	81.481	ng	0.00
79) Terphenyl-d14	13.010	244	629498	71.251	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.522	77	1308	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.457	70	65294	17.064	ng	# 78
25) Isophorone	7.457	82	487910	49.517	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	18568	8.905	ng	# 22
57) 2,4-Dinitrotoluene	9.933	165	18568	6.659	ng	# 26
67) 4-Bromophenyl-phenylether	10.727	248	9943	4.047	ng	# 1
77) Benzidine	13.010	184	9537	2.656	ng	# 86

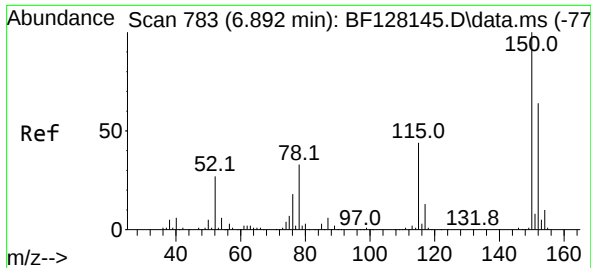
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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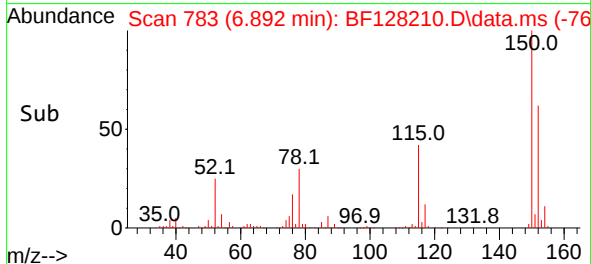
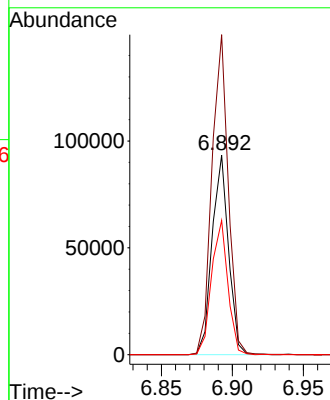
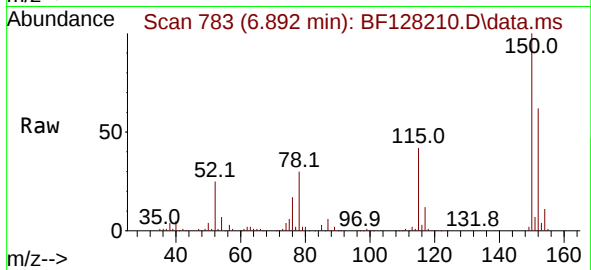




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128210.D
 Acq: 11 May 2022 22:41

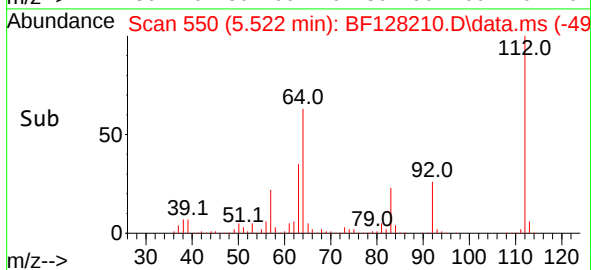
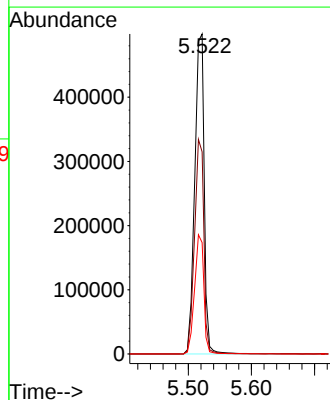
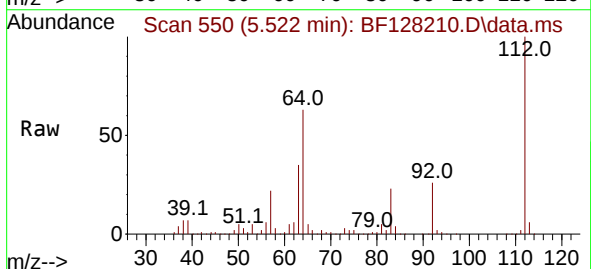
Instrument :
 BNA_F
 ClientSampleId :
 MH-35S

Tgt Ion:152 Resp: 74887
 Ion Ratio Lower Upper
 152 100
 150 160.3 125.3 187.9
 115 67.3 48.8 73.2



#5
 2-Fluorophenol
 Concen: 110.722 ng
 RT: 5.522 min Scan# 550
 Delta R.T. 0.006 min
 Lab File: BF128210.D
 Acq: 11 May 2022 22:41

Tgt Ion:112 Resp: 520135
 Ion Ratio Lower Upper
 112 100
 64 63.1 49.5 74.3
 63 34.8 26.3 39.5

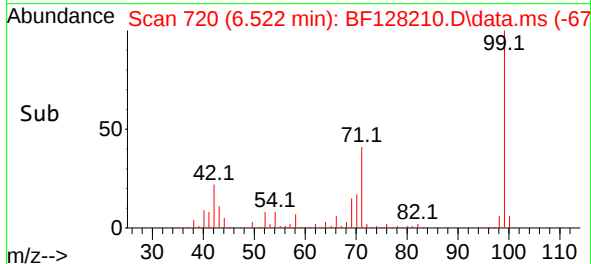
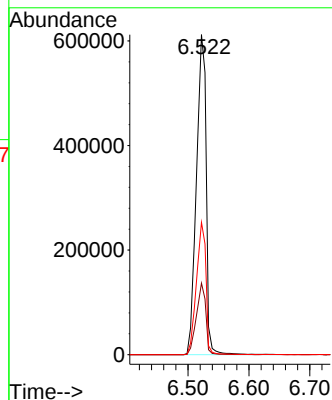
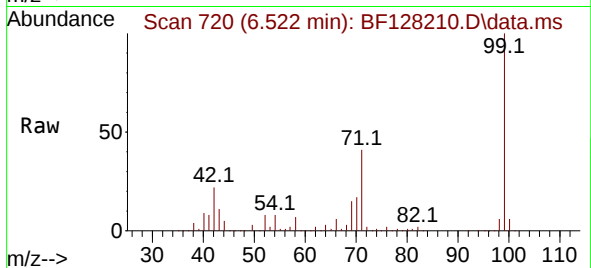




#7
Phenol-d6
Concen: 109.729 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128210.D
Acq: 11 May 2022 22:41

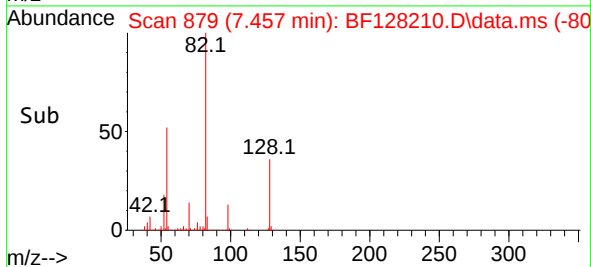
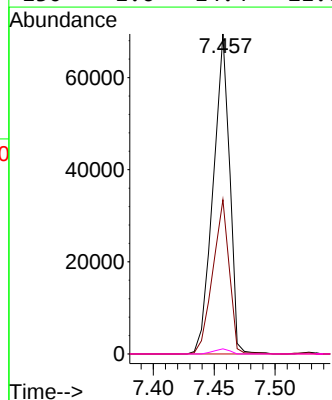
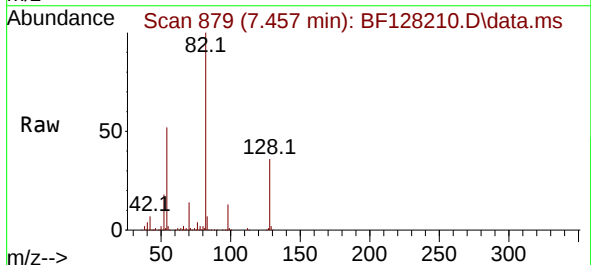
Instrument :
BNA_F
ClientSampleId :
MH-35S

Tgt Ion: 99 Resp: 681786
Ion Ratio Lower Upper
99 100
42 22.4 16.6 24.8
71 41.3 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.064 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128210.D
Acq: 11 May 2022 22:41

Tgt Ion: 70 Resp: 65294
Ion Ratio Lower Upper
70 100
42 48.2 48.7 73.1#
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#

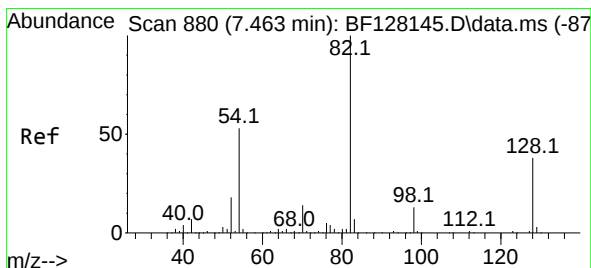
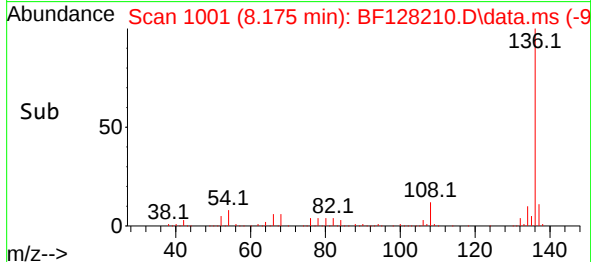
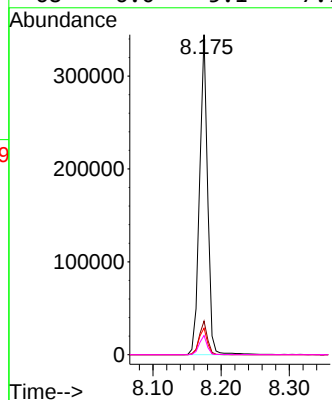
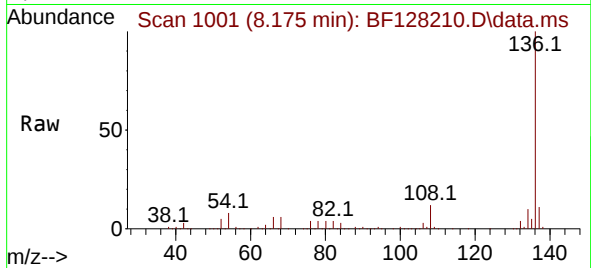




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128210.D
Acq: 11 May 2022 22:41

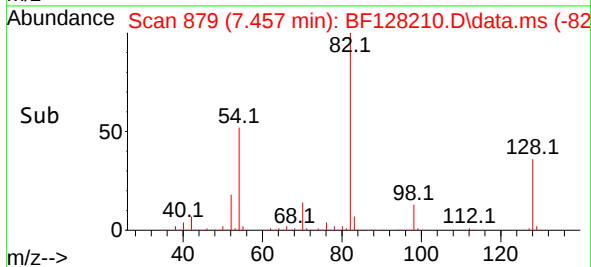
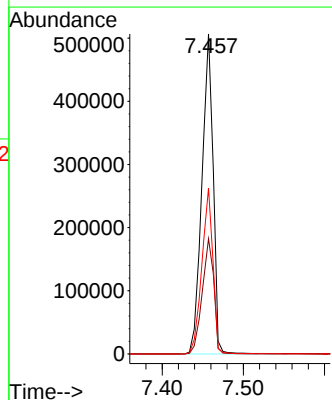
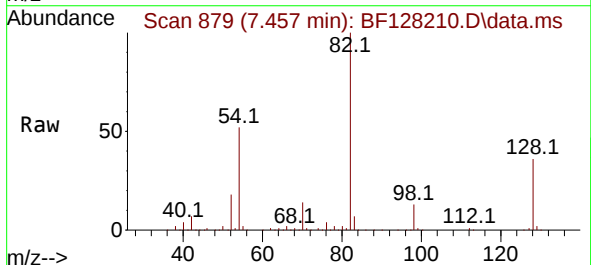
Instrument :
BNA_F
ClientSampleId :
MH-35S

Tgt Ion:136	Resp: 282806
Ion Ratio	Lower Upper
136 100	
137 10.5	8.6 13.0
54 8.3	6.8 10.2
68 6.0	5.1 7.7



#23
Nitrobenzene-d5
Concen: 77.631 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128210.D
Acq: 11 May 2022 22:41

Tgt Ion: 82	Resp: 487914
Ion Ratio	Lower Upper
82 100	
128 36.0	30.0 45.0
54 51.9	41.3 61.9

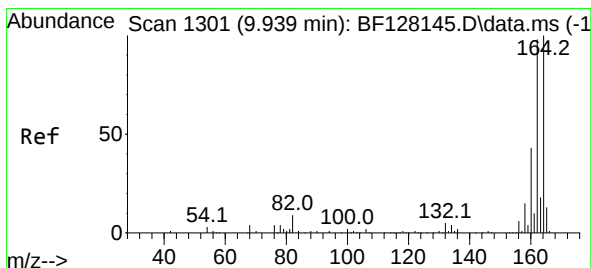
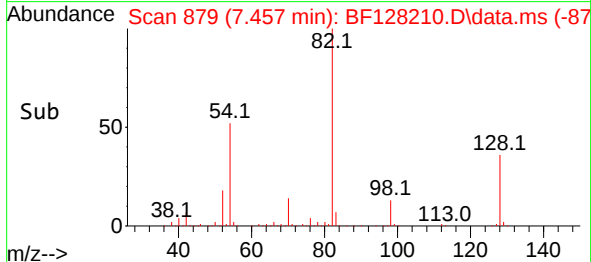
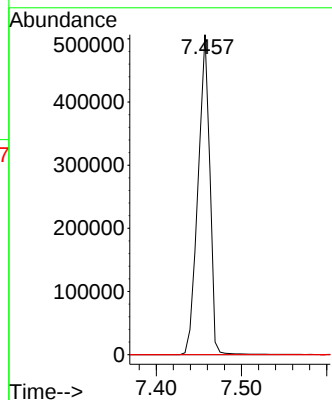
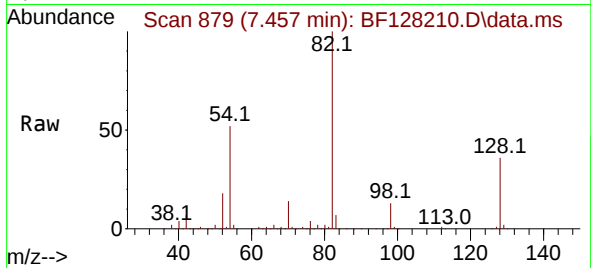




#25
Isophorone
Concen: 49.517 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128210.D
Acq: 11 May 2022 22:41

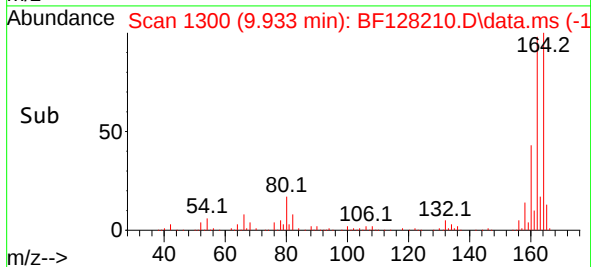
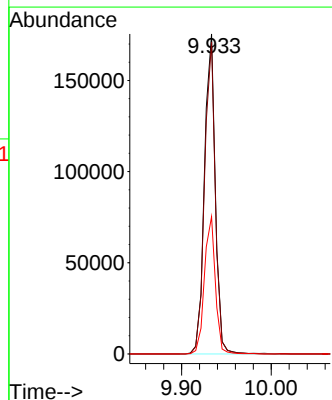
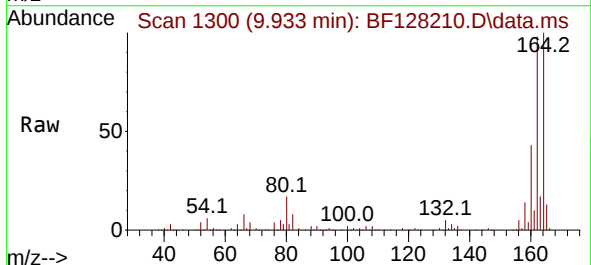
Instrument :
BNA_F
ClientSampleId :
MH-35S

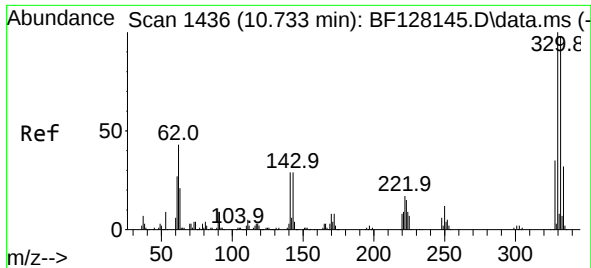
Tgt Ion: 82 Resp: 487910
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128210.D
Acq: 11 May 2022 22:41

Tgt Ion:164 Resp: 147301
Ion Ratio Lower Upper
164 100
162 97.5 76.0 114.0
160 42.9 34.8 52.2

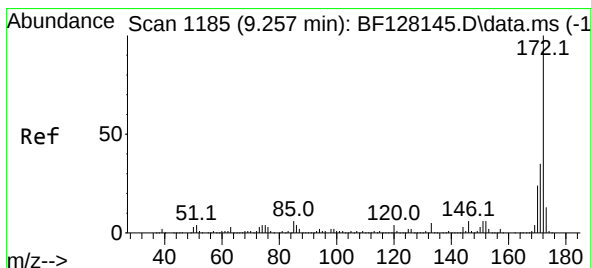
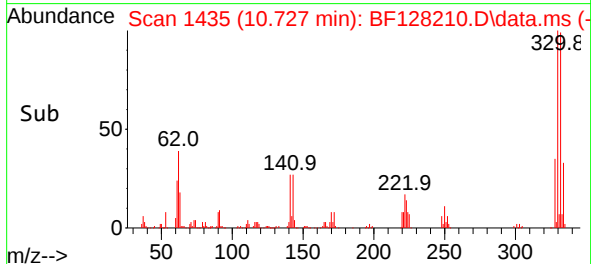
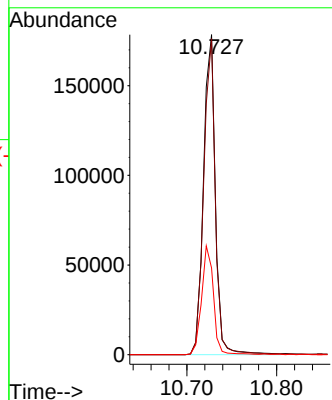
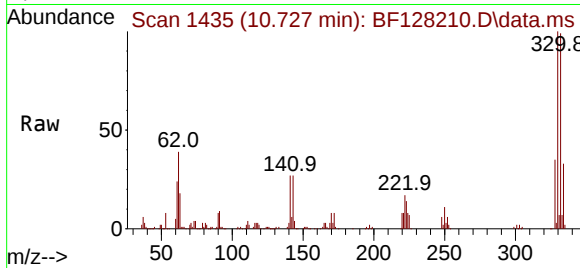




#42
2,4,6-Tribromophenol
Concen: 96.877 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF128210.D
Acq: 11 May 2022 22:41

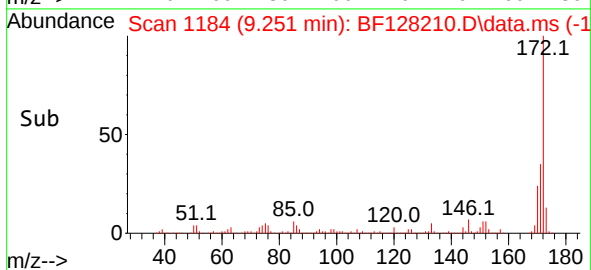
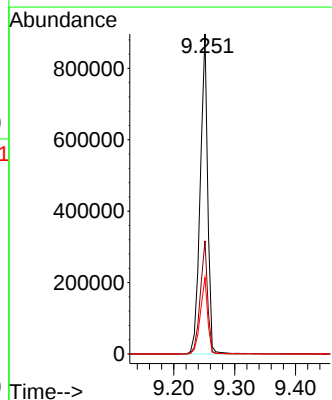
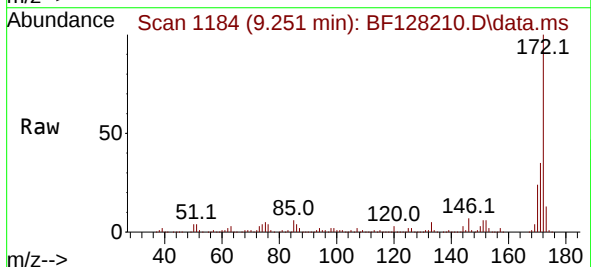
Instrument :
BNA_F
ClientSampleId :
MH-35S

Tgt Ion:330 Resp: 163660
Ion Ratio Lower Upper
330 100
332 97.5 79.0 118.4
141 34.2 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 81.481 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF128210.D
Acq: 11 May 2022 22:41

Tgt Ion:172 Resp: 767063
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.9 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.905 ng

RT: 9.933 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF128210.D

Acq: 11 May 2022 22:41

Instrument :

BNA_F

ClientSampleId :

MH-35S

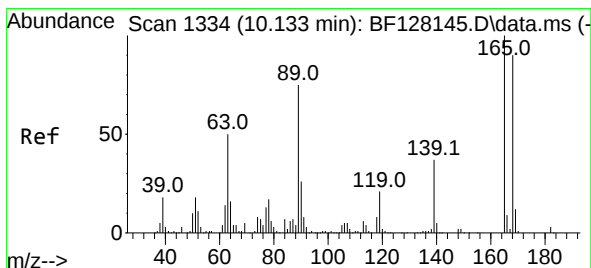
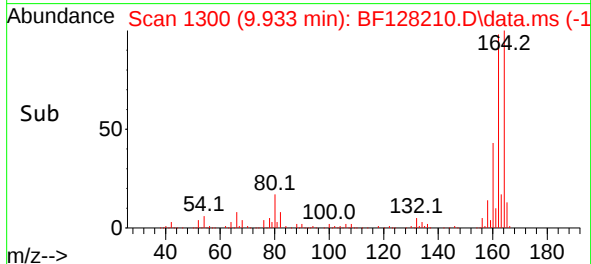
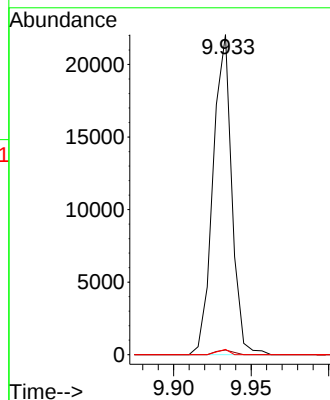
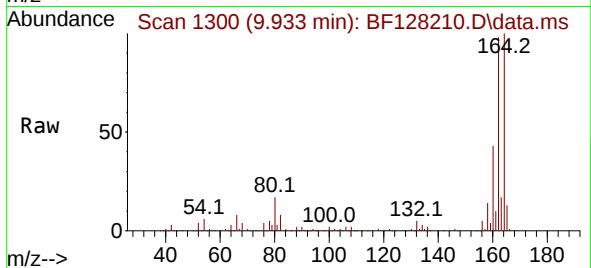
Tgt Ion:165 Resp: 18568

Ion Ratio Lower Upper

165 100

63 1.5 49.5 74.3#

89 1.6 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.659 ng

RT: 9.933 min Scan# 1300

Delta R.T. -0.200 min

Lab File: BF128210.D

Acq: 11 May 2022 22:41

Tgt Ion:165 Resp: 18568

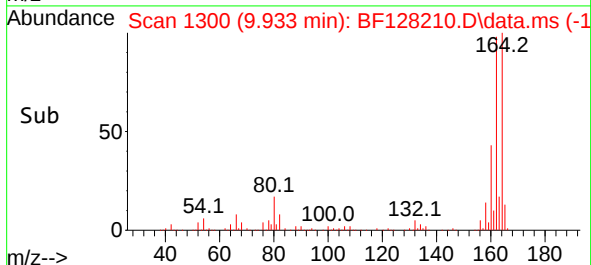
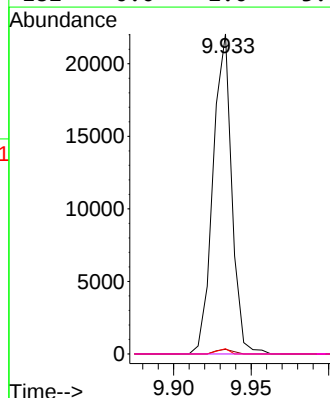
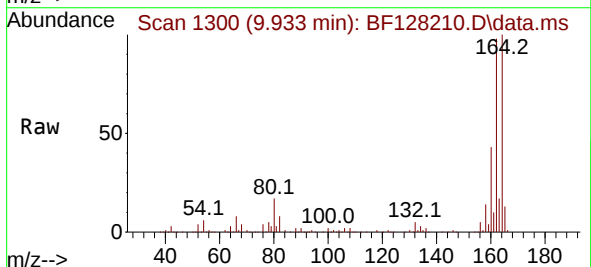
Ion Ratio Lower Upper

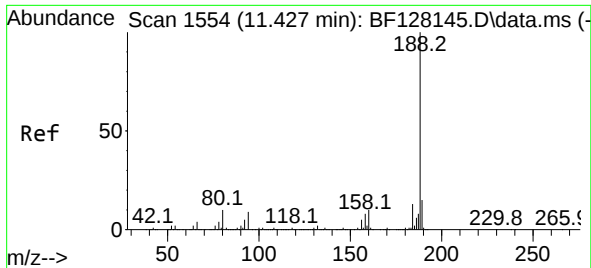
165 100

63 1.5 32.6 49.0#

89 1.6 55.2 82.8#

182 0.0 2.0 3.0#

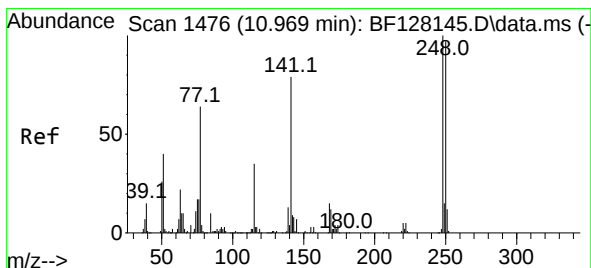
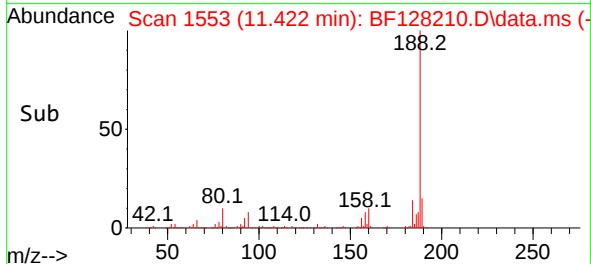
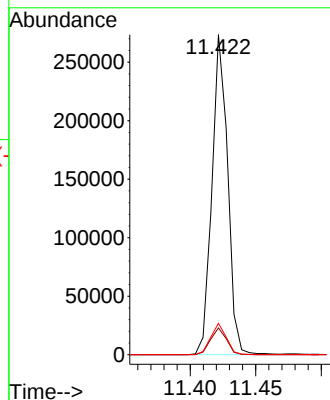
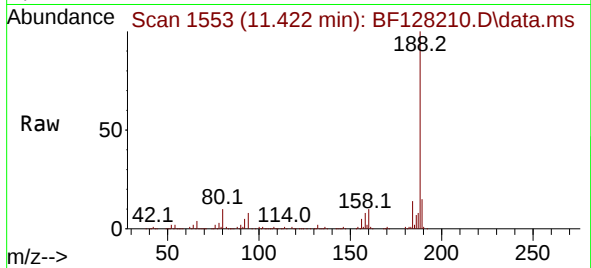




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128210.D
Acq: 11 May 2022 22:41

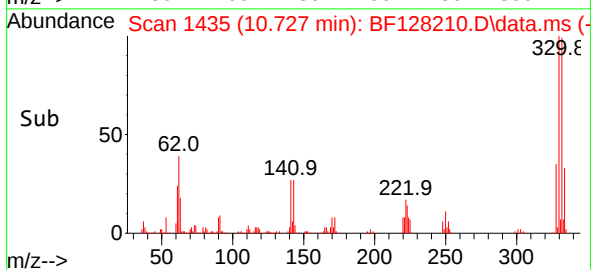
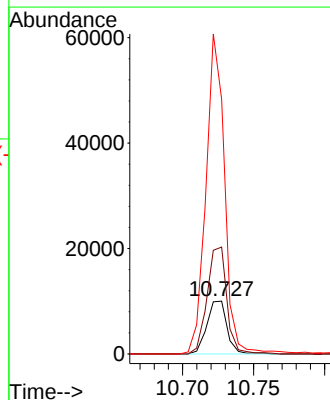
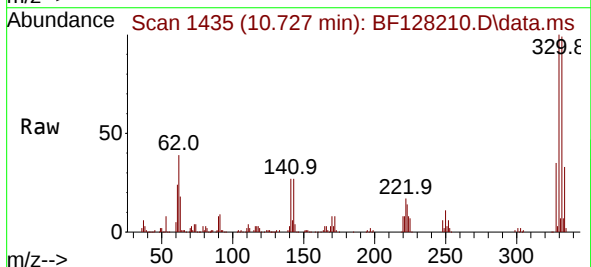
Instrument :
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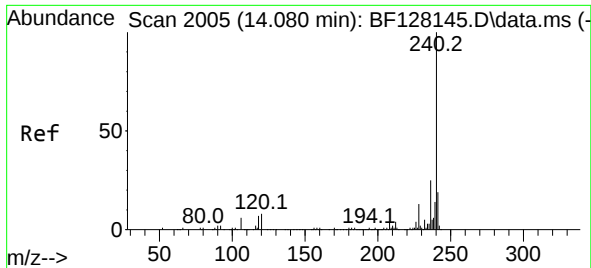
Tgt Ion:188 Resp: 228373
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 9.8 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.047 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF128210.D
Acq: 11 May 2022 22:41

Tgt Ion:248 Resp: 9943
Ion Ratio Lower Upper
248 100
250 202.8 77.7 116.5#
141 482.9 65.6 98.4#

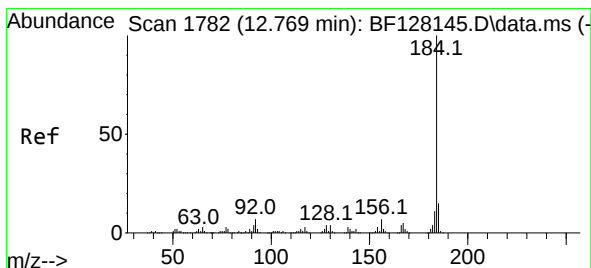
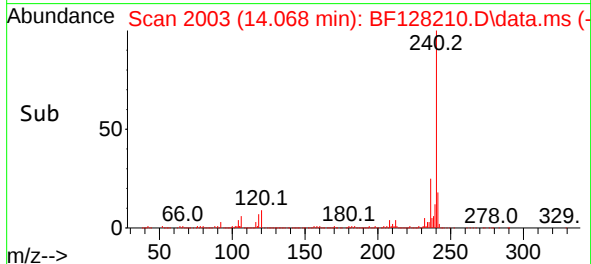
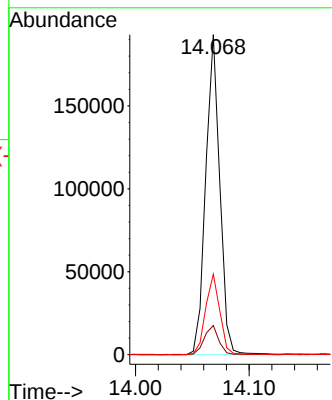
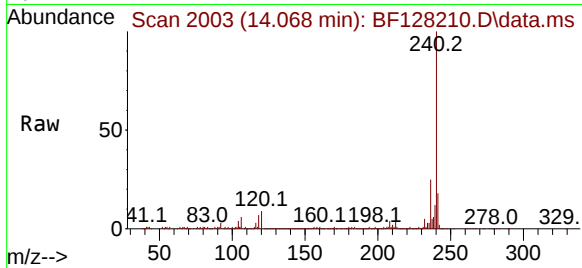




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF128210.D
Acq: 11 May 2022 22:41

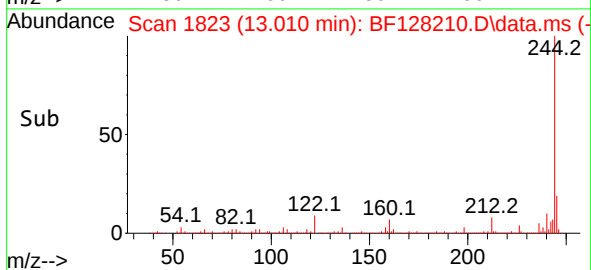
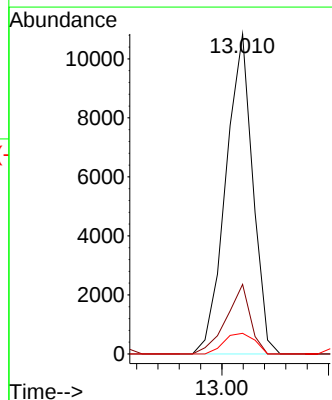
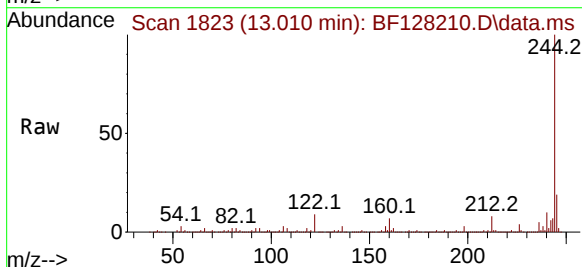
Instrument :
BNA_F
ClientSampleId :
MH-35S

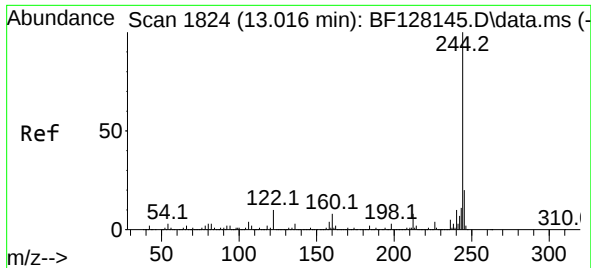
Tgt Ion:240 Resp: 165781
Ion Ratio Lower Upper
240 100
120 9.1 7.0 10.6
236 25.1 20.3 30.5



#77
Benzidine
Concen: 2.656 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.241 min
Lab File: BF128210.D
Acq: 11 May 2022 22:41

Tgt Ion:184 Resp: 9537
Ion Ratio Lower Upper
184 100
185 21.8 12.1 18.1#
183 6.5 9.0 13.4#

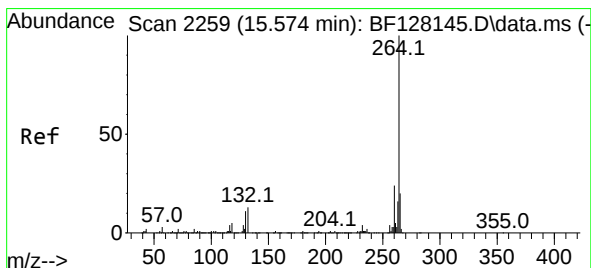
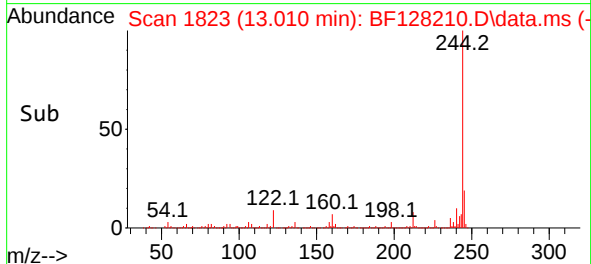
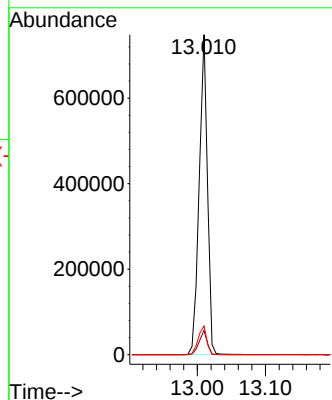
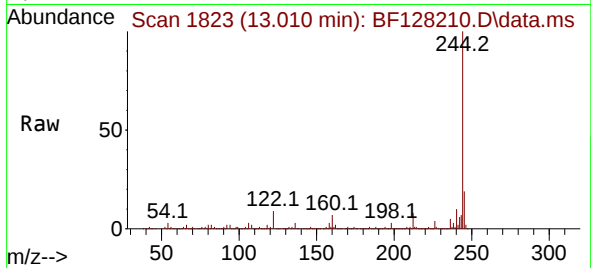




#79
 Terphenyl-d14
 Concen: 71.251 ng
 RT: 13.010 min Scan# 1824
 Delta R.T. -0.006 min
 Lab File: BF128210.D
 Acq: 11 May 2022 22:41

Instrument :
 BNA_F
 ClientSampleId :
 MH-35S

Tgt Ion:244 Resp: 629498
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 8.9 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2258
 Delta R.T. -0.006 min
 Lab File: BF128210.D
 Acq: 11 May 2022 22:41

Tgt Ion:264 Resp: 142093
 Ion Ratio Lower Upper
 264 100
 260 23.1 20.1 30.1
 265 21.6 17.5 26.3

