

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051222\
 Data File : BF128217.D
 Acq On : 12 May 2022 14:13
 Operator : CG\JU
 Sample : N2784-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11939

Quant Time: May 13 05:14:49 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)

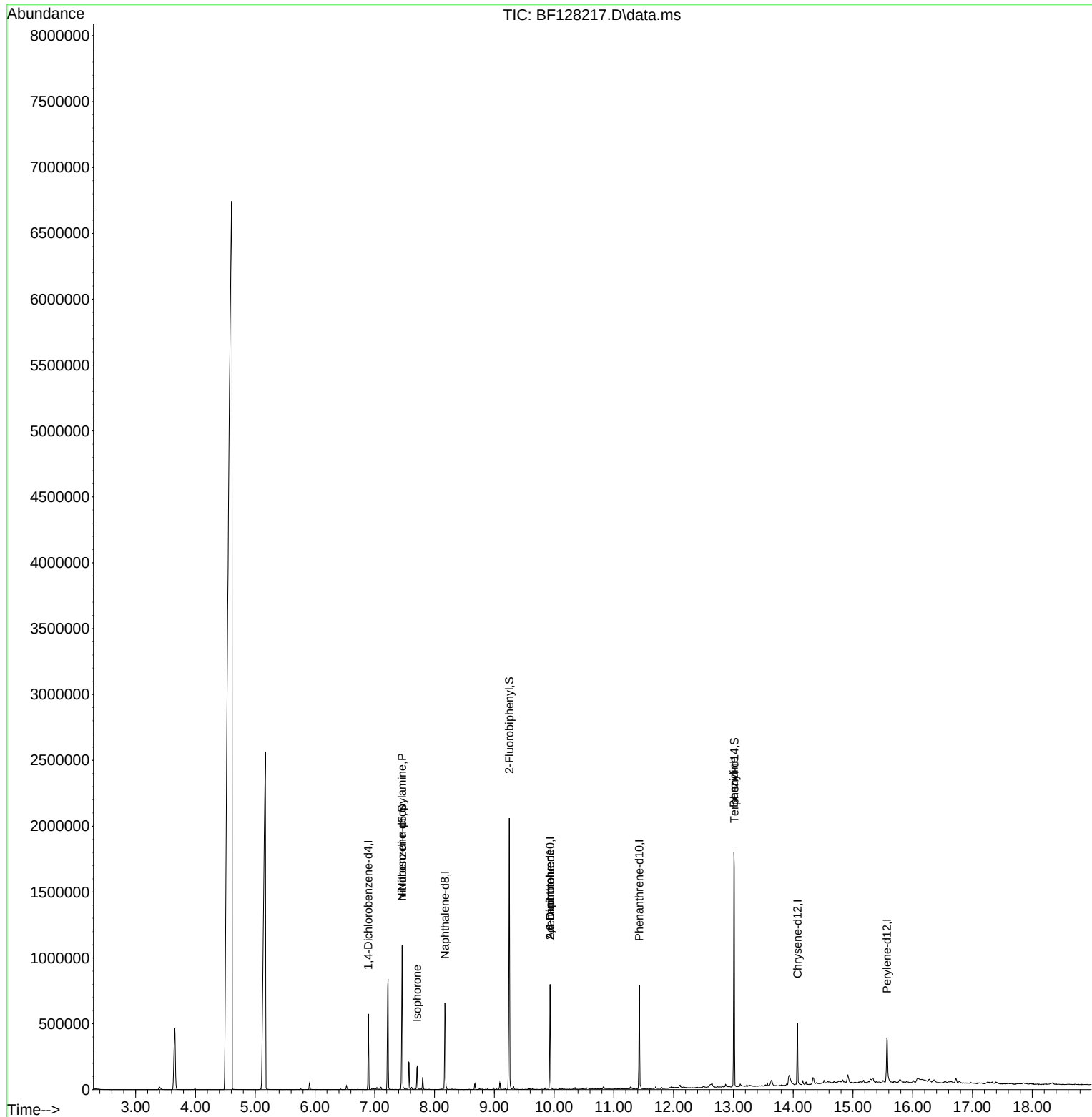
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	70222	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	268030	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	152183	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	273508	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	171797	20.000	ng	0.00
86) Perylene-d12	15.568	264	152461	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	525	0.119	ng	0.01
7) Phenol-d6	6.528	99	10718	1.840	ng	0.00
23) Nitrobenzene-d5	7.457	82	343273	57.628	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.251	172	597557	61.439	ng	0.00
79) Terphenyl-d14	13.015	244	639360	69.833	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.428	77	205	Below Cal	#	44
19) n-Nitroso-di-n-propyla...	7.457	70	47281	13.178	ng	# 80
25) Isophorone	7.710	82	69772	7.471	ng	97
51) 2,6-Dinitrotoluene	9.933	165	19639	9.116	ng	# 22
57) 2,4-Dinitrotoluene	9.933	165	19639	6.818	ng	# 26
77) Benzidine	13.010	184	9562	2.570	ng	# 87

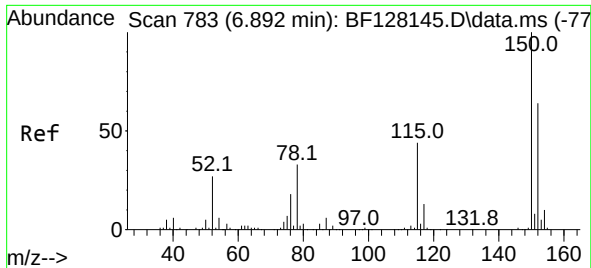
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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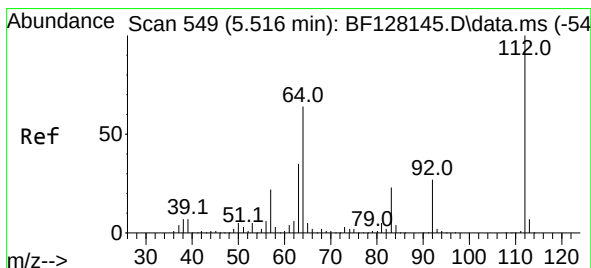
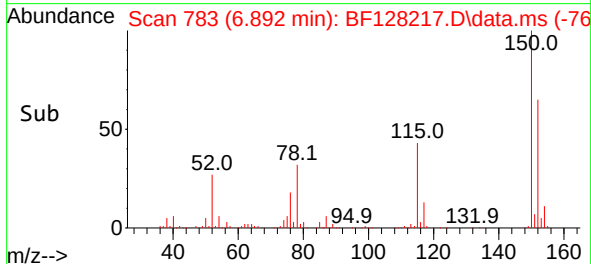
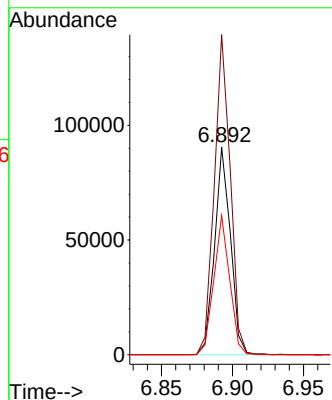
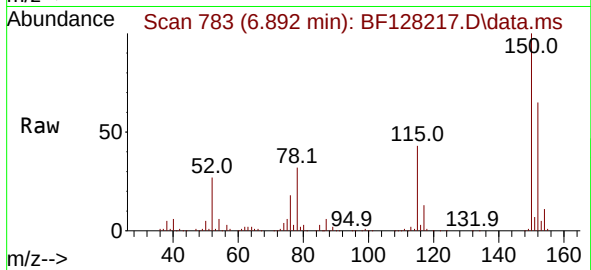




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128217.D
 Acq: 12 May 2022 14:13

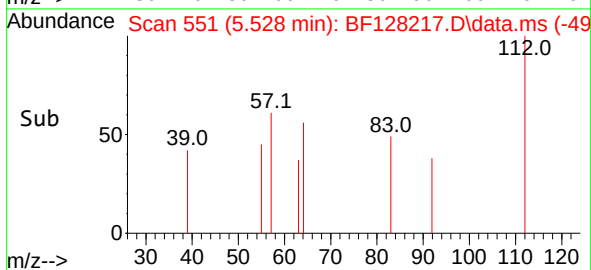
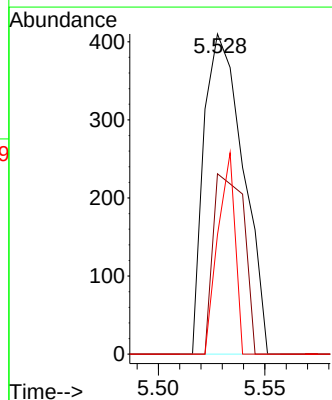
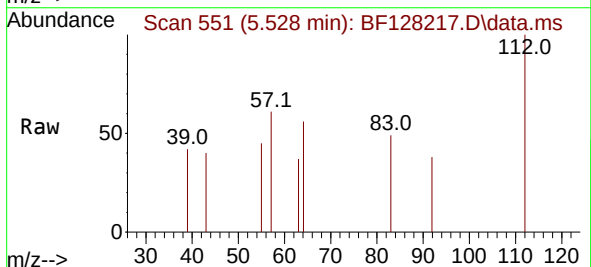
Instrument :
 BNA_F
 ClientSampleId :
 72-11939

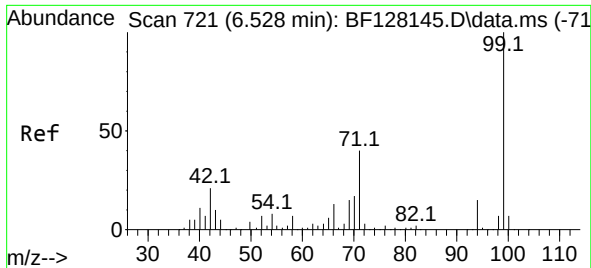
Tgt Ion:152 Resp: 70222
 Ion Ratio Lower Upper
 152 100
 150 154.0 125.3 187.9
 115 66.9 48.8 73.2



#5
 2-Fluorophenol
 Concen: 0.119 ng
 RT: 5.528 min Scan# 551
 Delta R.T. 0.012 min
 Lab File: BF128217.D
 Acq: 12 May 2022 14:13

Tgt Ion:112 Resp: 525
 Ion Ratio Lower Upper
 112 100
 64 56.3 49.5 74.3
 63 37.3 26.3 39.5

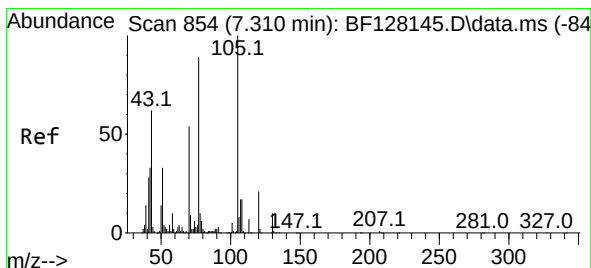
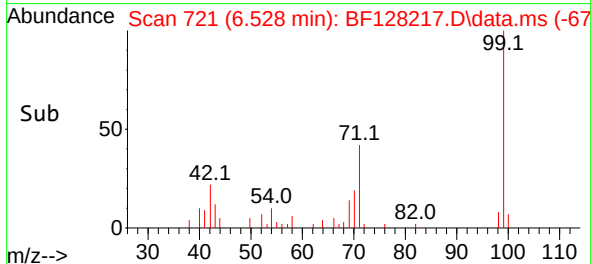
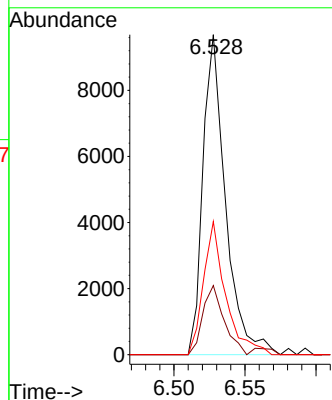
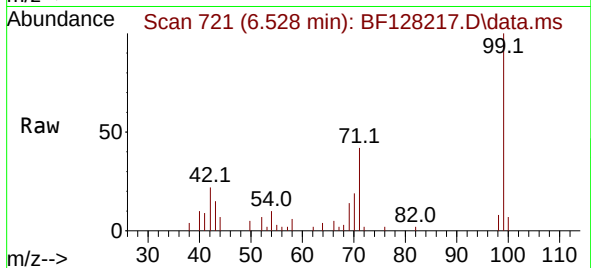




#7
Phenol-d6
Concen: 1.840 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128217.D
Acq: 12 May 2022 14:13

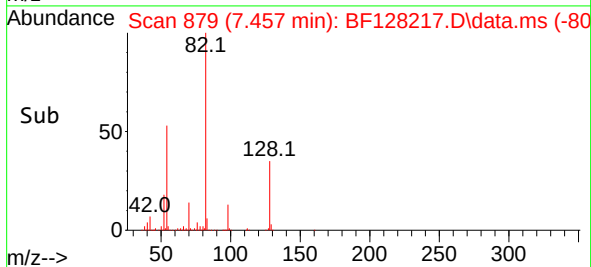
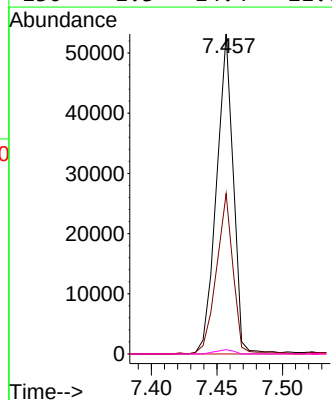
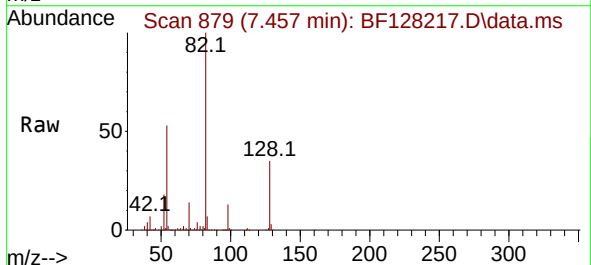
Instrument :
BNA_F
ClientSampleId :
72-11939

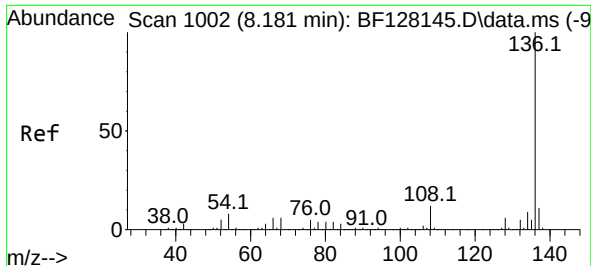
Tgt Ion: 99 Resp: 10718
Ion Ratio Lower Upper
99 100
42 21.6 16.6 24.8
71 41.6 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.178 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128217.D
Acq: 12 May 2022 14:13

Tgt Ion: 70 Resp: 47281
Ion Ratio Lower Upper
70 100
42 50.1 48.7 73.1
101 0.0 7.2 10.8#
130 1.3 14.4 21.6#



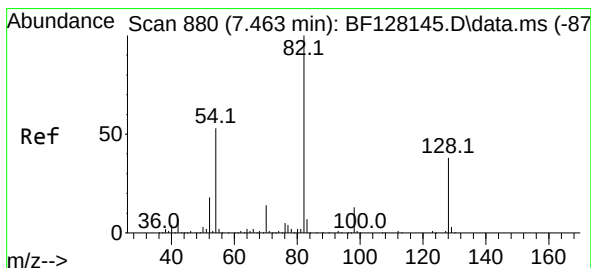
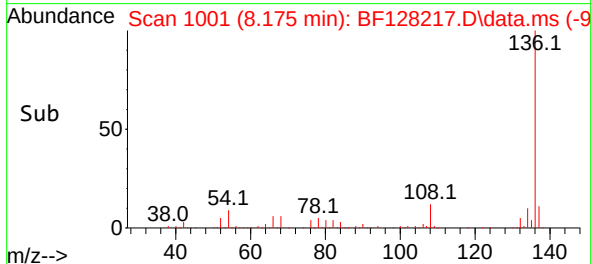
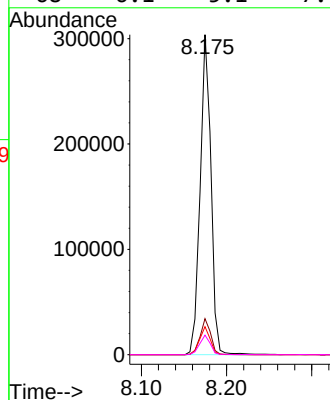
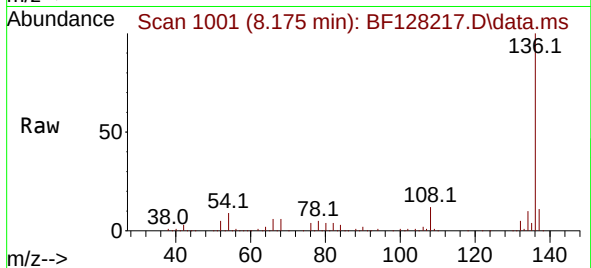


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128217.D
Acq: 12 May 2022 14:13

Instrument :
BNA_F
ClientSampleId :
72-11939

Tgt Ion:136 Resp: 268030

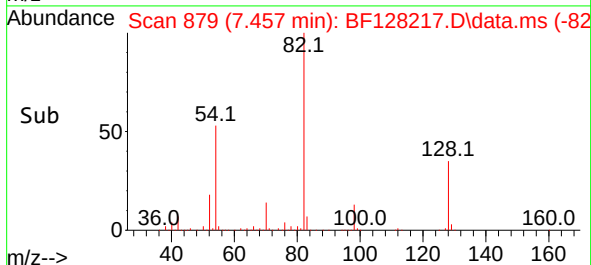
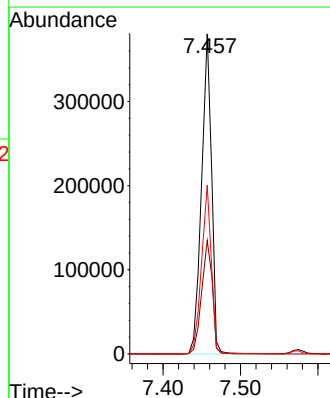
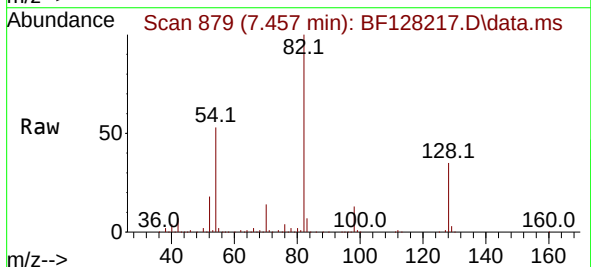
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	8.8	6.8	10.2
68	6.1	5.1	7.7

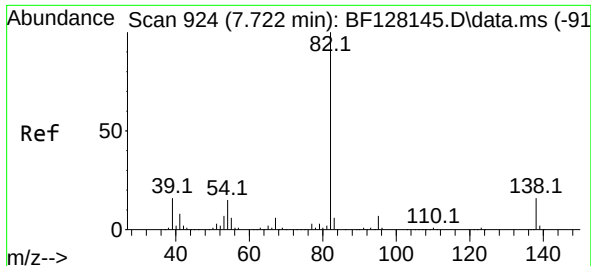


#23
Nitrobenzene-d5
Concen: 57.628 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128217.D
Acq: 12 May 2022 14:13

Tgt Ion: 82 Resp: 343273

Ion	Ratio	Lower	Upper
82	100		
128	35.5	30.0	45.0
54	52.7	41.3	61.9

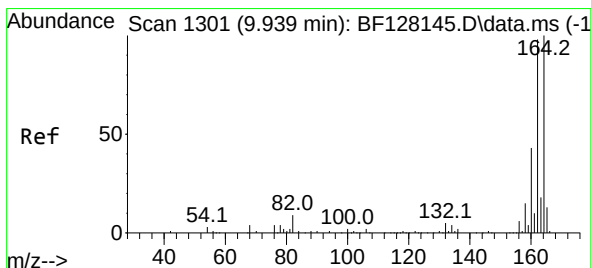
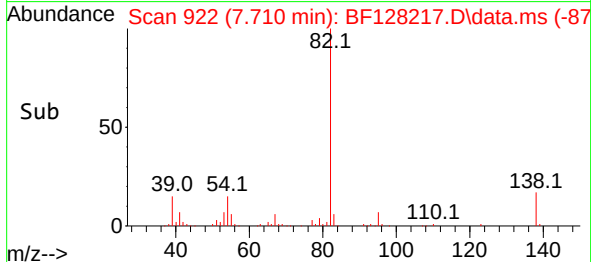
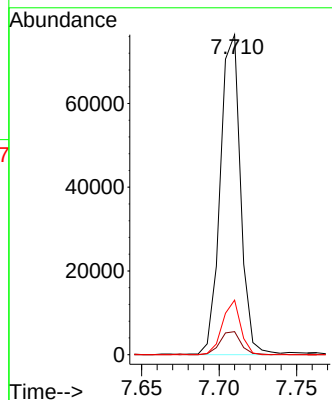
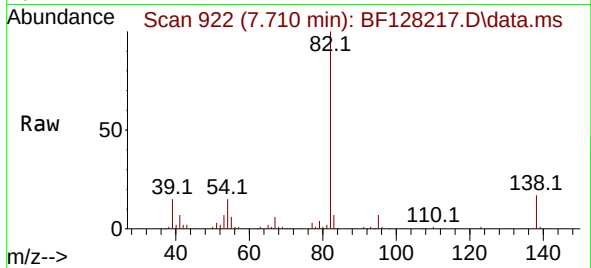




#25
Isophorone
Concen: 7.471 ng
RT: 7.710 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128217.D
Acq: 12 May 2022 14:13

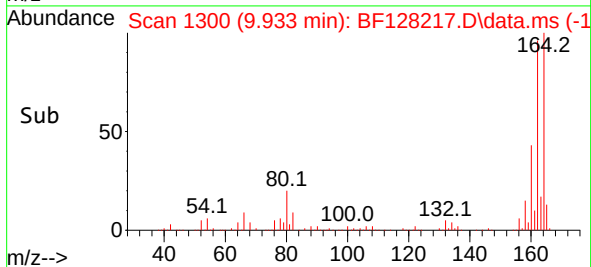
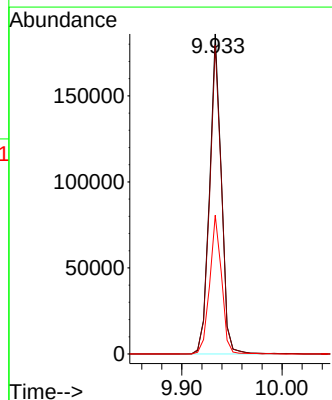
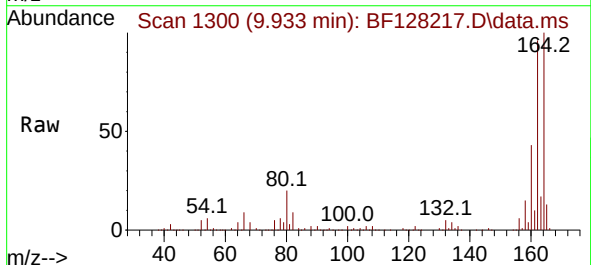
Instrument :
BNA_F
ClientSampleId :
72-11939

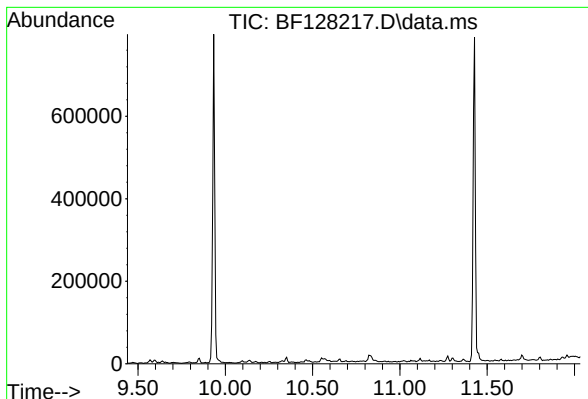
Tgt Ion: 82 Resp: 69772
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 17.1 12.5 18.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128217.D
Acq: 12 May 2022 14:13

Tgt Ion:164 Resp: 152183
Ion Ratio Lower Upper
164 100
162 96.5 76.0 114.0
160 43.4 34.8 52.2



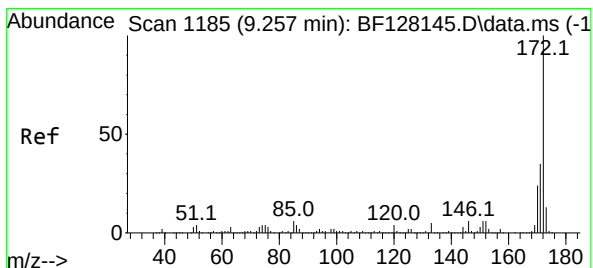
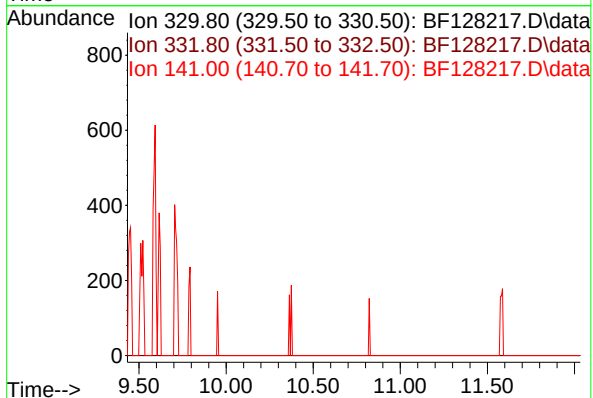


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.73 min
 Lab File: BF128217.D
 Acq: 12 May 2022 14:13

Instrument :
 BNA_F
 ClientSampleId :
 72-11939

Tgt Ion: 330

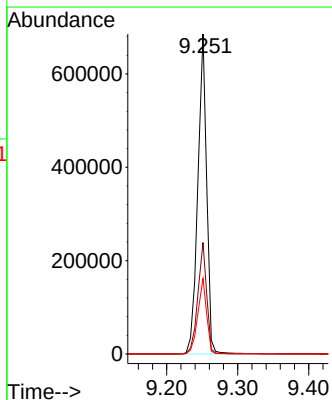
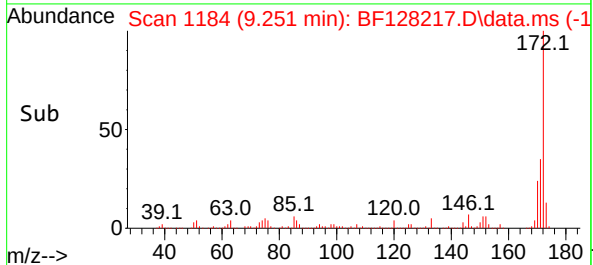
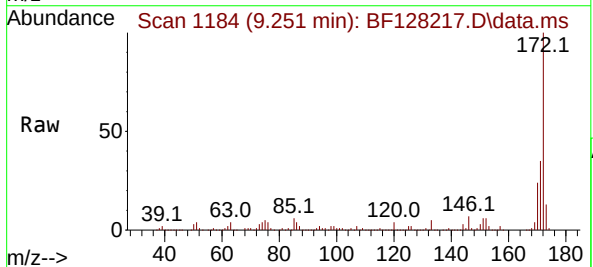
Sig	Exp Ratio
330	100
332	98.7
141	36.1

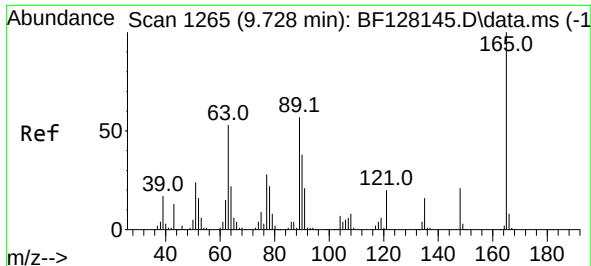


#45
 2-Fluorobiphenyl
 Concen: 61.439 ng
 RT: 9.251 min Scan# 1184
 Delta R.T. -0.006 min
 Lab File: BF128217.D
 Acq: 12 May 2022 14:13

Tgt Ion: 172 Resp: 597557

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	42.8
170	23.6	19.1	28.7





#51

2,6-Dinitrotoluene

Concen: 9.116 ng

RT: 9.933 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF128217.D

Acq: 12 May 2022 14:13

Instrument :

BNA_F

ClientSampleId :

72-11939

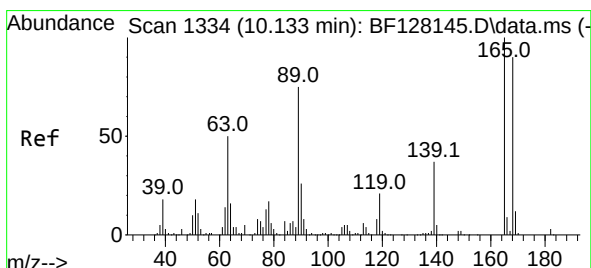
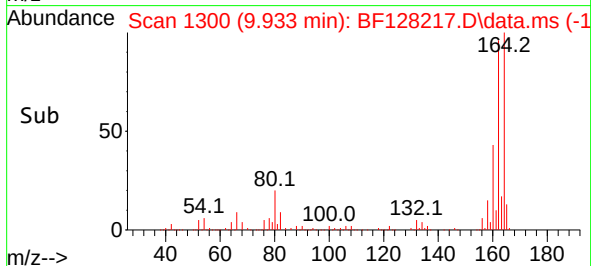
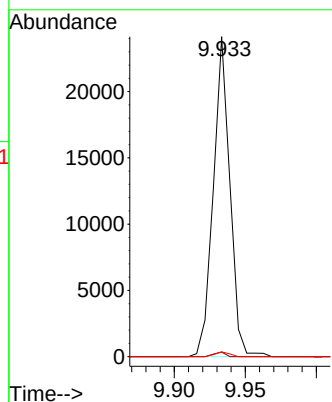
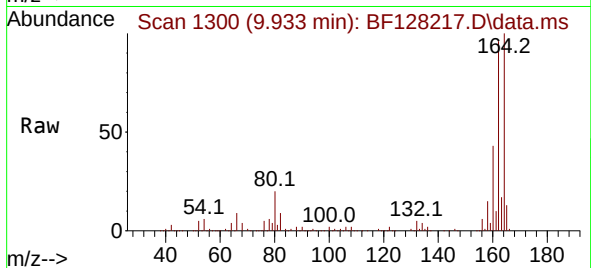
Tgt Ion:165 Resp: 19639

Ion Ratio Lower Upper

165 100

63 1.4 49.5 74.3#

89 1.5 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.818 ng

RT: 9.933 min Scan# 1300

Delta R.T. -0.200 min

Lab File: BF128217.D

Acq: 12 May 2022 14:13

Tgt Ion:165 Resp: 19639

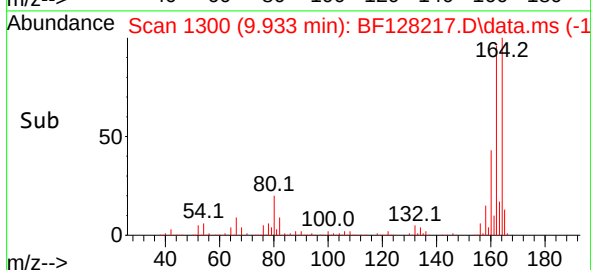
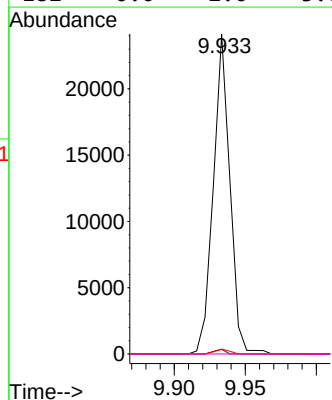
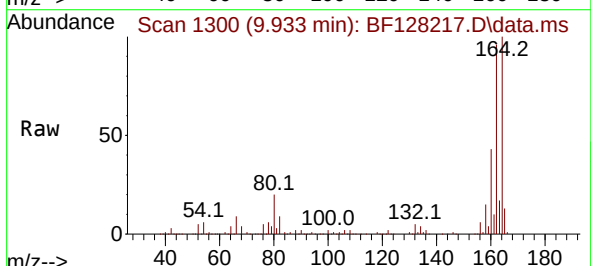
Ion Ratio Lower Upper

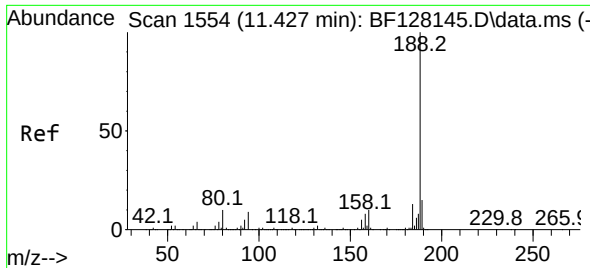
165 100

63 1.4 32.6 49.0#

89 1.5 55.2 82.8#

182 0.0 2.0 3.0#

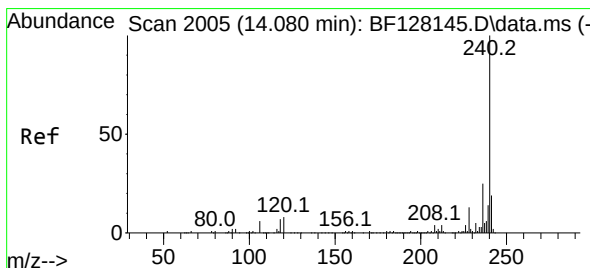
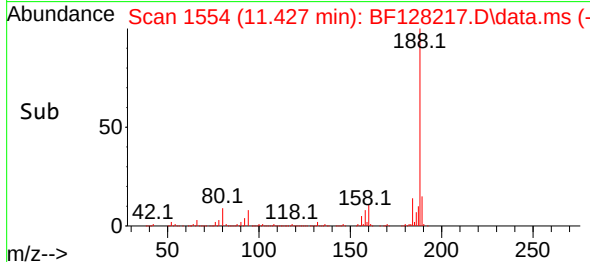
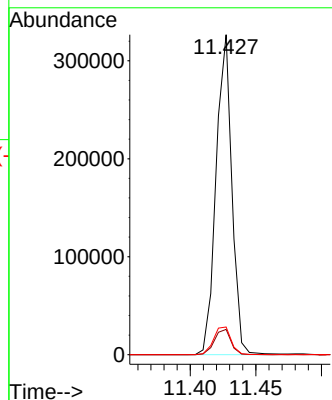
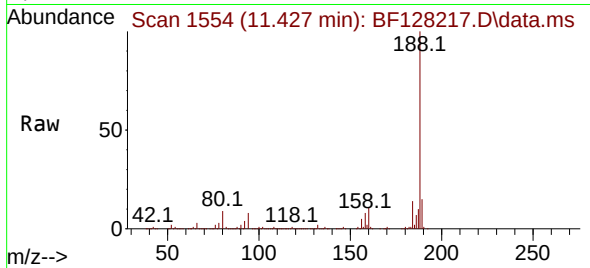




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128217.D
Acq: 12 May 2022 14:13

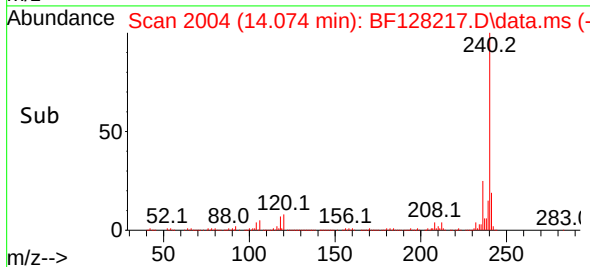
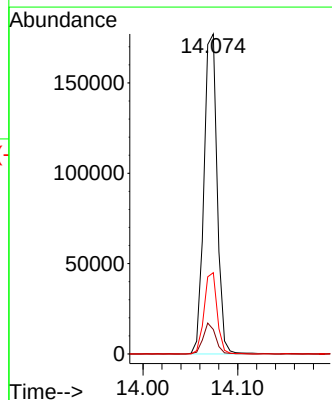
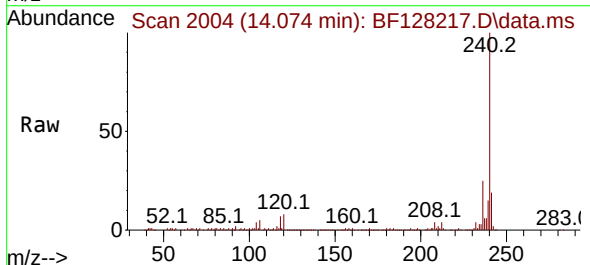
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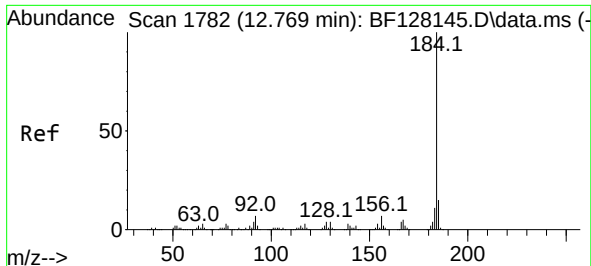
Tgt Ion:188 Resp: 273508
Ion Ratio Lower Upper
188 100
94 7.9 8.0 12.0#
80 8.7 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF128217.D
Acq: 12 May 2022 14:13

Tgt Ion:240 Resp: 171797
Ion Ratio Lower Upper
240 100
120 7.7 7.0 10.6
236 25.4 20.3 30.5

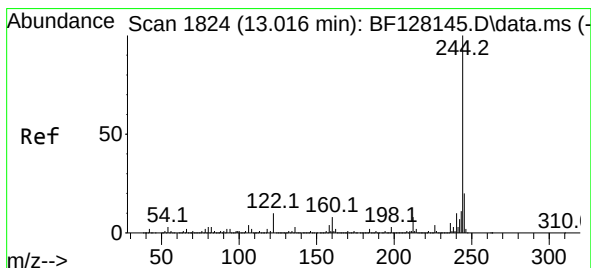
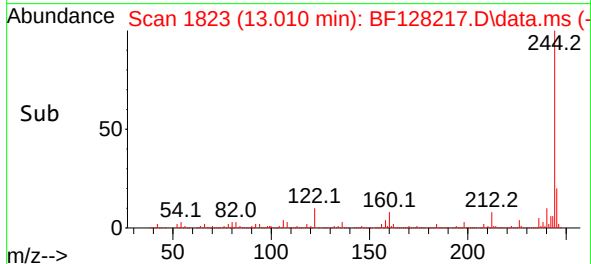
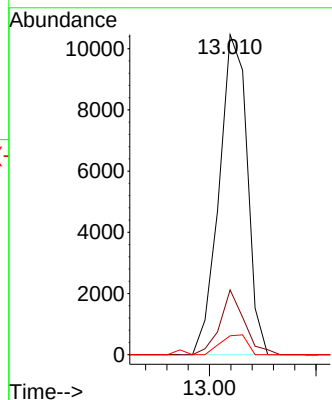
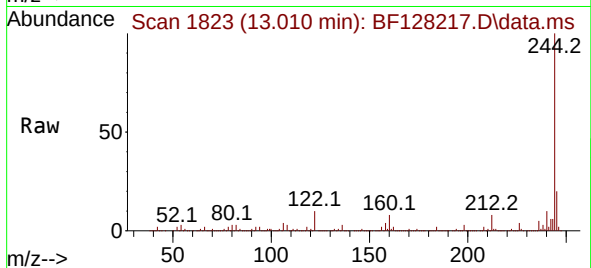




#77
Benzidine
Concen: 2.570 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.241 min
Lab File: BF128217.D
Acq: 12 May 2022 14:13

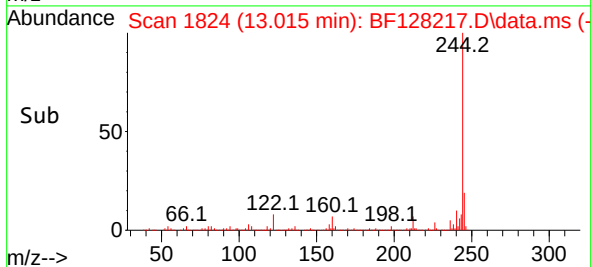
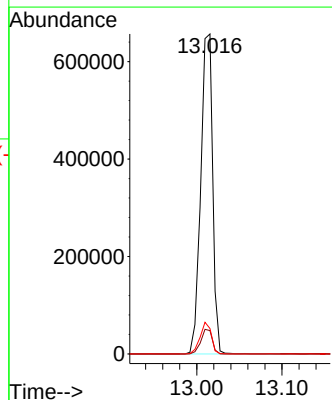
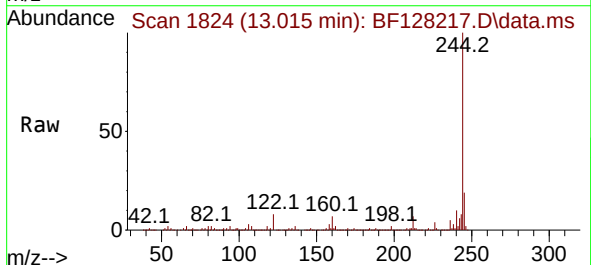
Instrument :
BNA_F
ClientSampleId :
72-11939

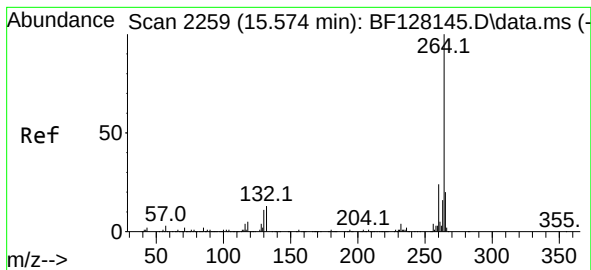
Tgt Ion:184 Resp: 9562
Ion Ratio Lower Upper
184 100
185 20.3 12.1 18.1#
183 5.9 9.0 13.4#



#79
Terphenyl-d14
Concen: 69.833 ng
RT: 13.015 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF128217.D
Acq: 12 May 2022 14:13

Tgt Ion:244 Resp: 639360
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.4
122 8.0 8.6 12.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128217.D

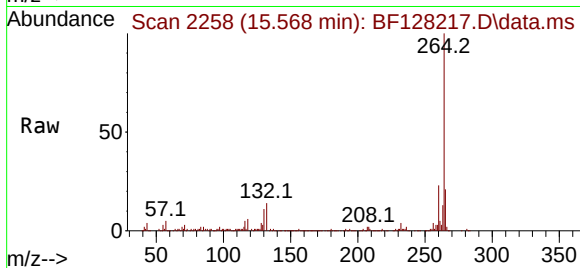
Acq: 12 May 2022 14:13

Instrument :

BNA_F

ClientSampleId :

72-11939



Tgt Ion:264 Resp: 152461

Ion Ratio Lower Upper

264 100

260 22.5 20.1 30.1

265 21.3 17.5 26.3

