

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060122\
 Data File : BF128633.D
 Acq On : 01 Jun 2022 20:23
 Operator : CG\JU
 Sample : N3087-08DL2 25X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL2

Quant Time: Jun 02 09:37:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

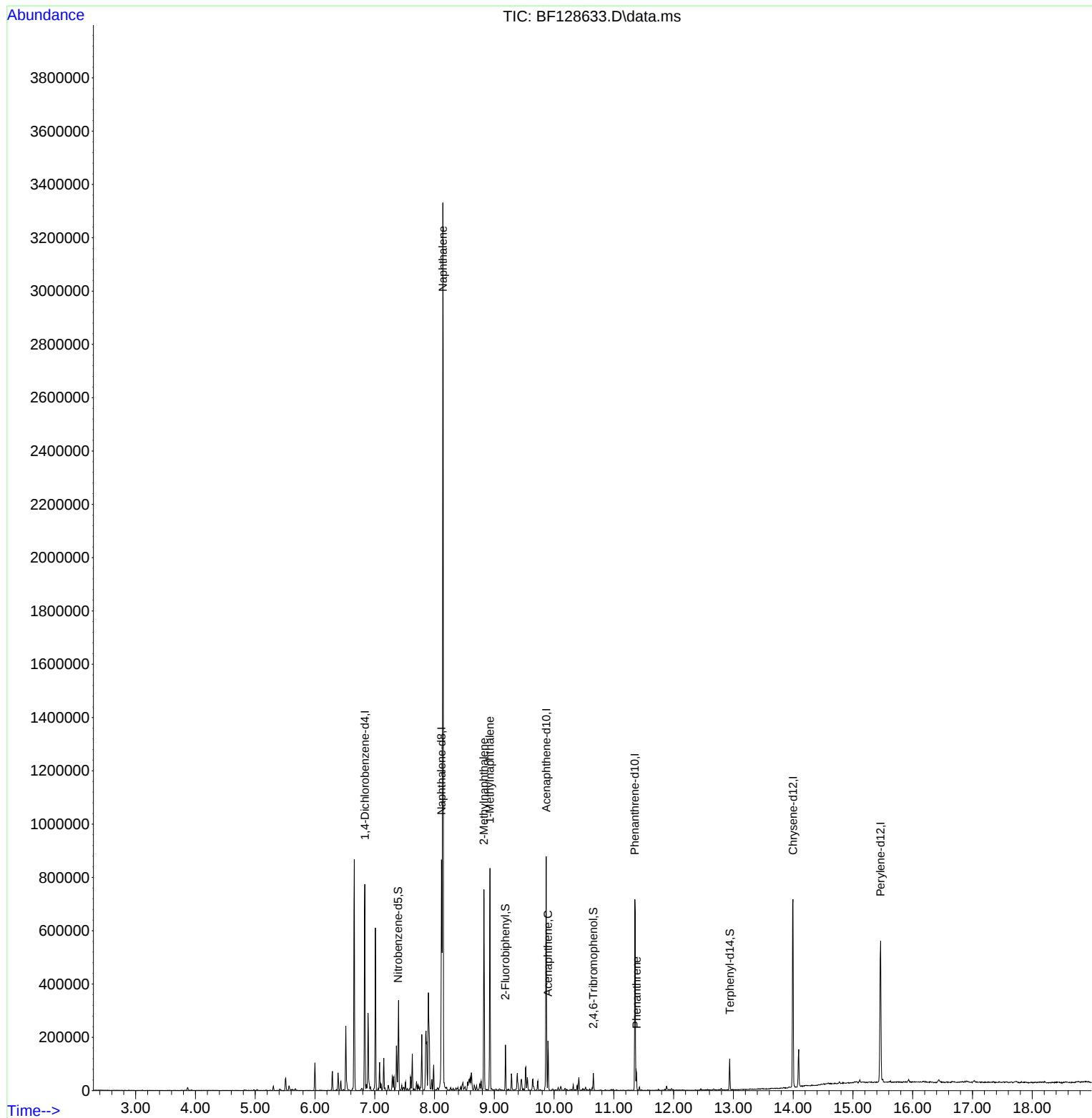
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	100710	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	340662	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	155570	20.000	ng	-0.01
64) Phenanthrene-d10	11.351	188	261065	20.000	ng	-0.02
76) Chrysene-d12	13.998	240	251449	20.000	ng	#-0.01
86) Perylene-d12	15.462	264	236534	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	11574	1.904	ng	0.06
7) Phenol-d6	6.534	99	8354	1.078	ng	0.06
23) Nitrobenzene-d5	7.392	82	22759	3.854	ng	-0.02
42) 2,4,6-Tribromophenol	10.657	330	6251	4.221	ng	-0.02
45) 2-Fluorobiphenyl	9.186	172	42084	4.395	ng	-0.02
79) Terphenyl-d14	12.939	244	35698	2.743	ng	-0.02
Target Compounds						
						Qvalue
31) Naphthalene	8.139	128	1348607	80.885	ng	99
37) 2-Methylnaphthalene	8.828	142	154942	14.722	ng	100
38) 1-Methylnaphthalene	8.928	142	177890	17.379	ng	99
52) Acenaphthene	9.898	154	33019	4.062	ng	92
71) Phenanthrene	11.380	178	25162	2.035	ng	# 94

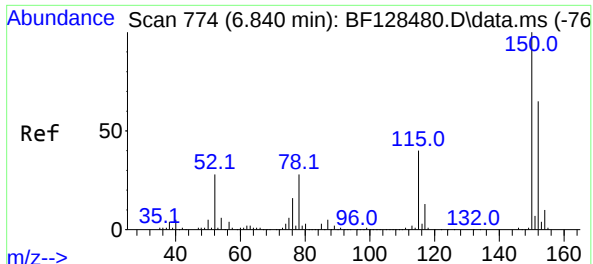
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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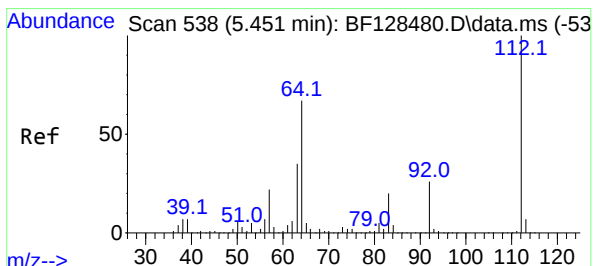
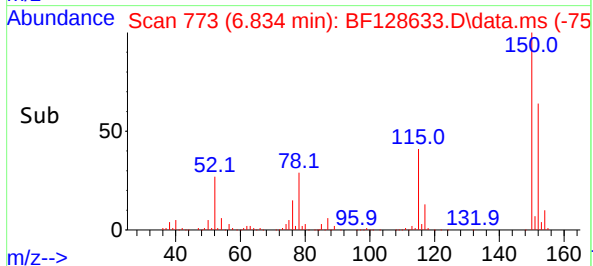
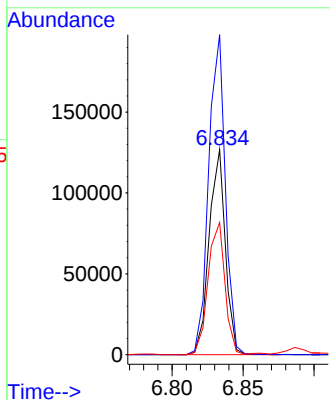
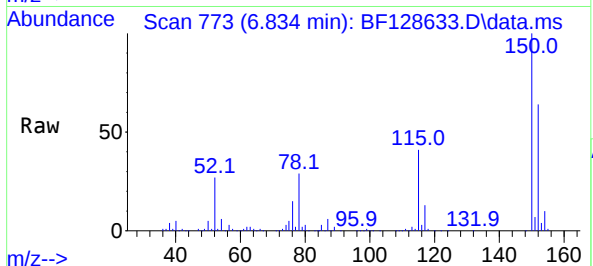




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

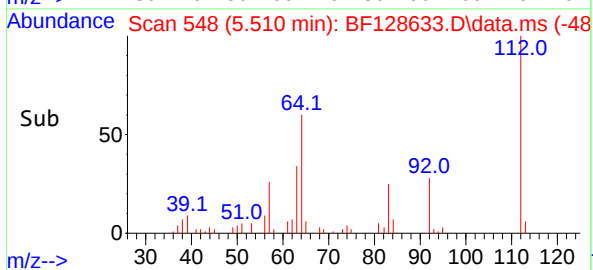
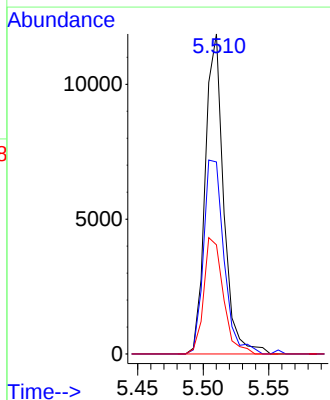
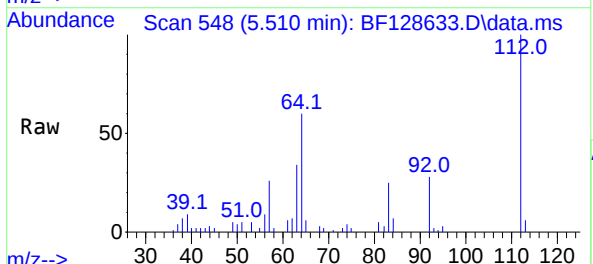
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

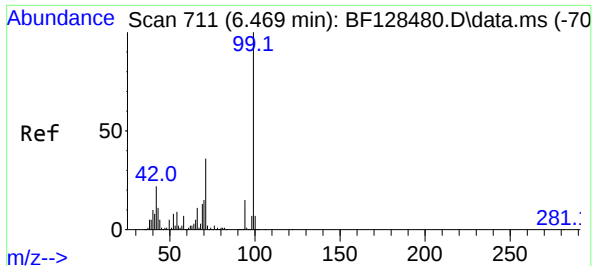
Tgt Ion:152 Resp: 100710
Ion Ratio Lower Upper
152 100
150 156.1 123.7 185.5
115 64.4 49.9 74.9



#5
2-Fluorophenol
Concen: 1.904 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.059 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

Tgt Ion:112 Resp: 11574
Ion Ratio Lower Upper
112 100
64 60.0 53.3 79.9
63 34.1 28.0 42.0

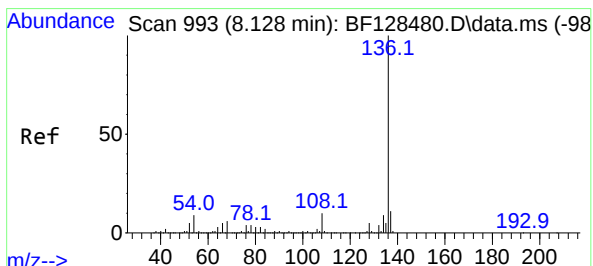
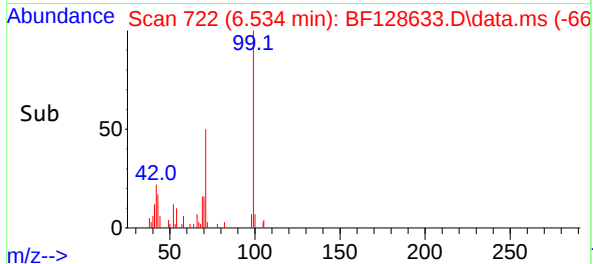
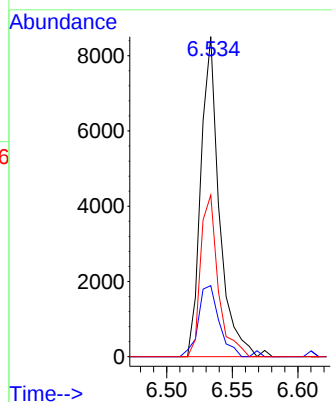
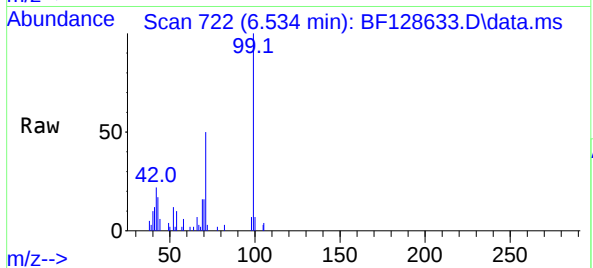




#7
Phenol-d6
Concen: 1.078 ng
RT: 6.534 min Scan# 711
Delta R.T. 0.065 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

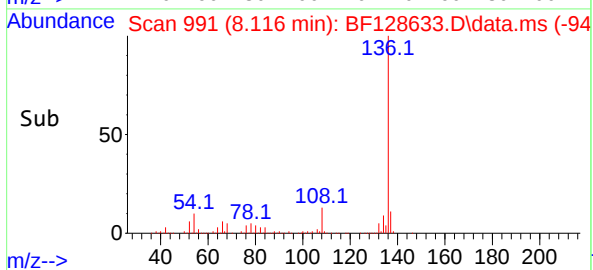
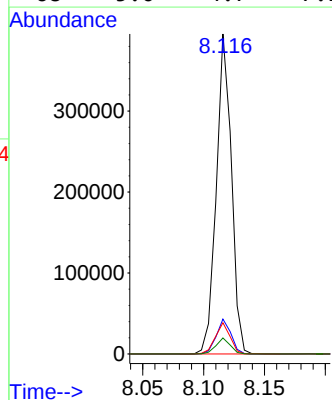
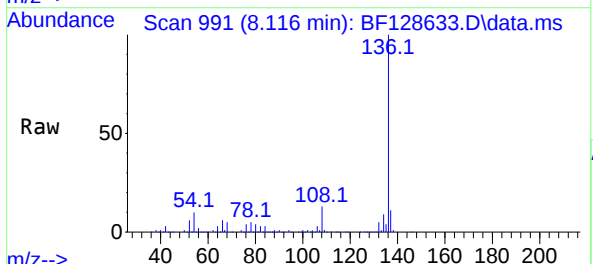
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

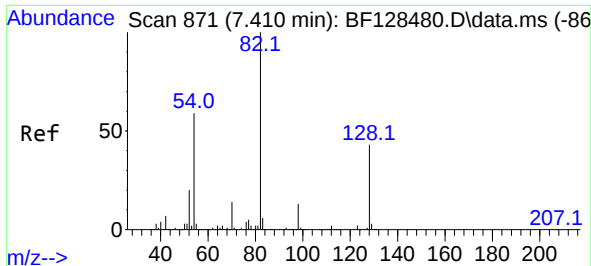
Tgt Ion:	99	Resp:	8354
Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.3	25.9
71	50.5	28.9	43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

Tgt Ion:	136	Resp:	340662
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.8	7.5	11.3
68	5.0	4.7	7.1

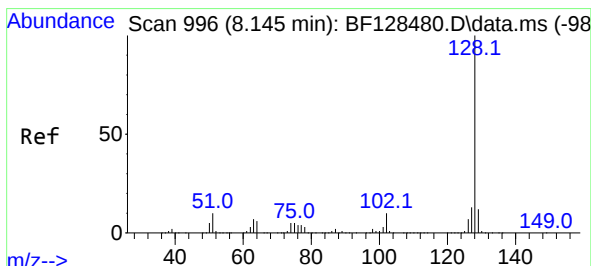
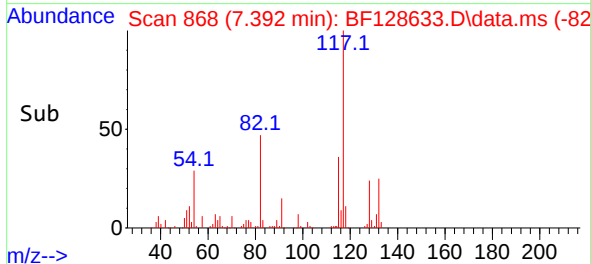
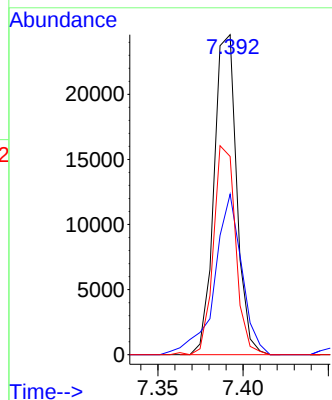
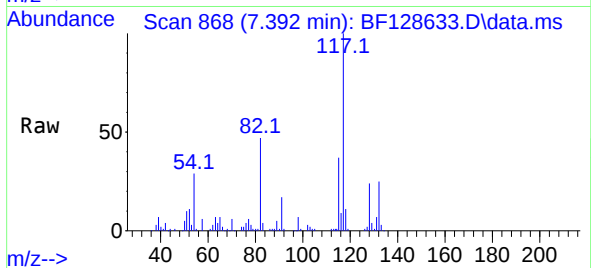




#23
Nitrobenzene-d5
Concen: 3.854 ng
RT: 7.392 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

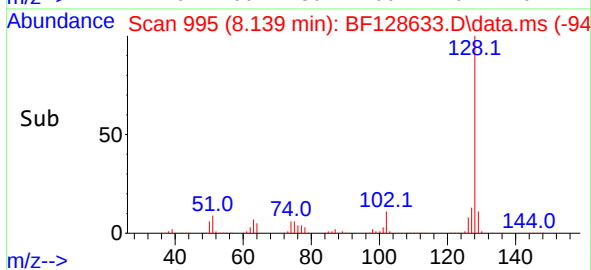
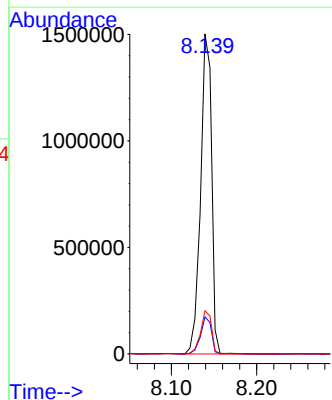
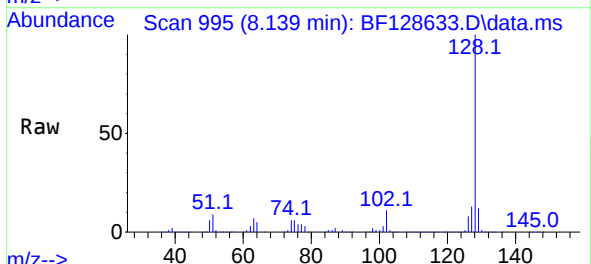
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

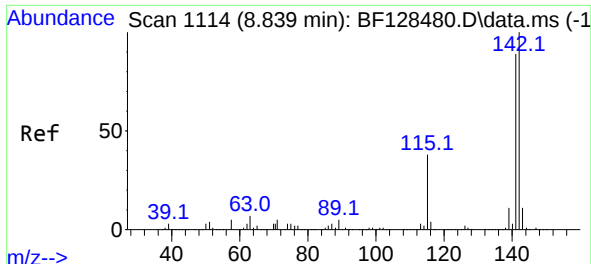
Tgt Ion: 82 Resp: 22759
Ion Ratio Lower Upper
82 100
128 50.2 34.0 51.0
54 62.0 46.9 70.3



#31
Naphthalene
Concen: 80.885 ng
RT: 8.139 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

Tgt Ion: 128 Resp: 1348607
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.5 10.5 15.7





#37

2-Methylnaphthalene

Concen: 14.722 ng

RT: 8.828 min Scan# 1112

Delta R.T. -0.012 min

Lab File: BF128633.D

Acq: 01 Jun 2022 20:23

Instrument :

BNA_F

ClientSampleId :

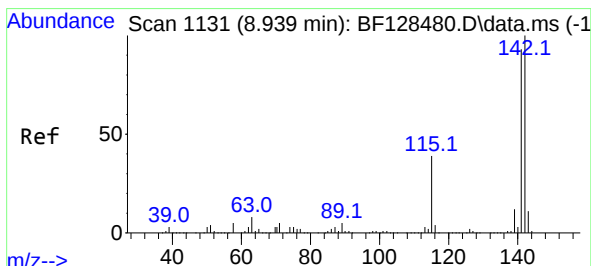
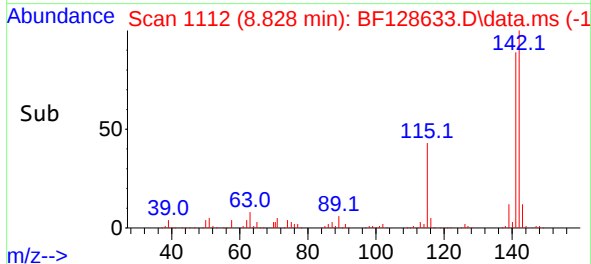
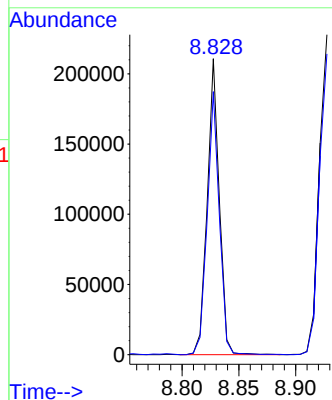
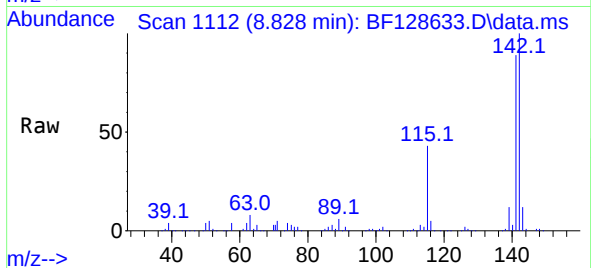
MW-14DL2

Tgt Ion:142 Resp: 154942

Ion Ratio Lower Upper

142 100

141 88.9 71.0 106.4



#38

1-Methylnaphthalene

Concen: 17.379 ng

RT: 8.928 min Scan# 1129

Delta R.T. -0.012 min

Lab File: BF128633.D

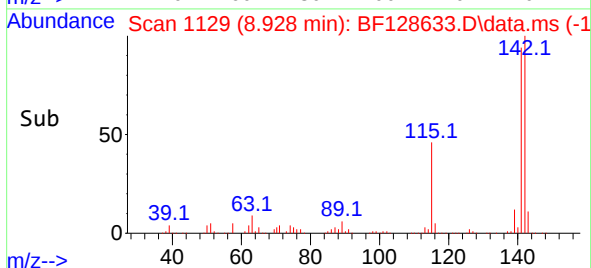
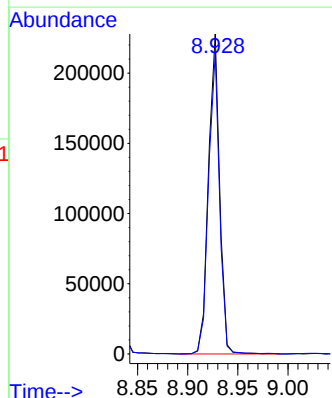
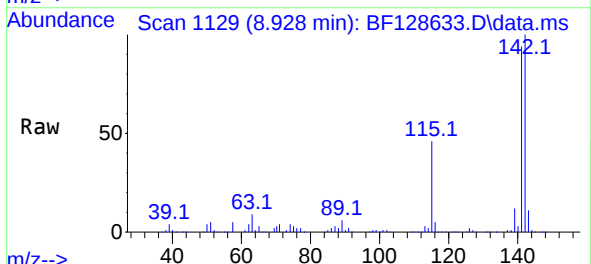
Acq: 01 Jun 2022 20:23

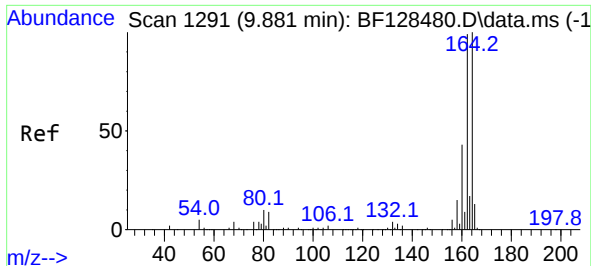
Tgt Ion:142 Resp: 177890

Ion Ratio Lower Upper

142 100

141 94.0 74.2 111.4

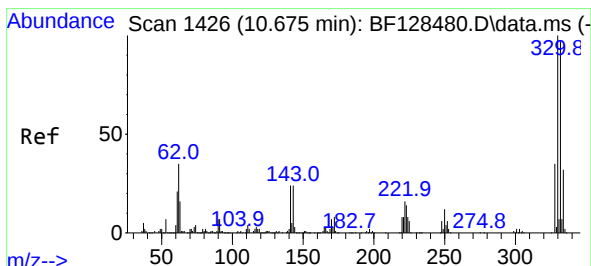
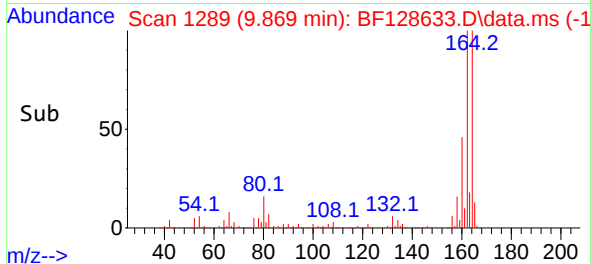
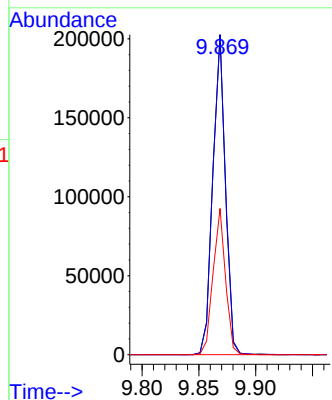
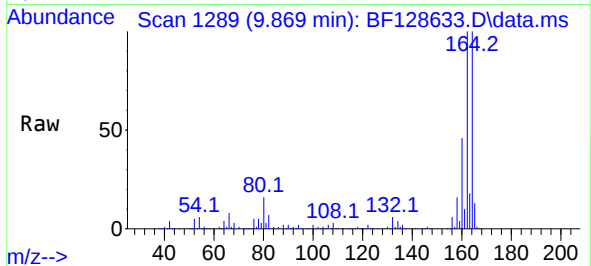




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

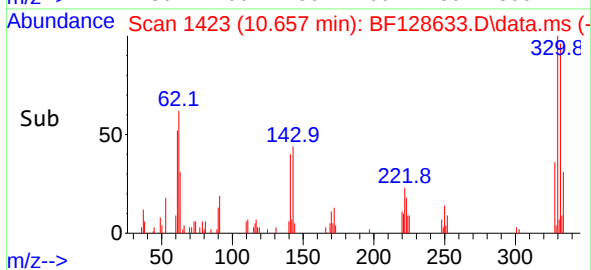
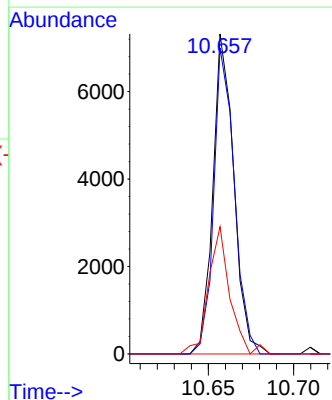
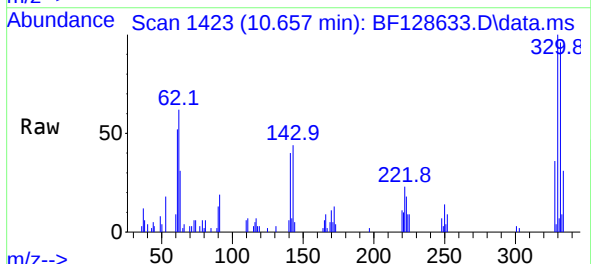
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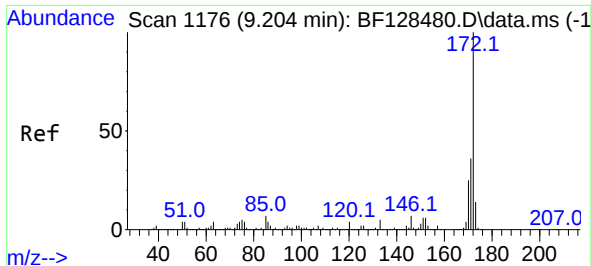
Tgt Ion:164 Resp: 155570
Ion Ratio Lower Upper
164 100
162 100.0 79.5 119.3
160 45.7 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 4.221 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.018 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

Tgt Ion:330 Resp: 6251
Ion Ratio Lower Upper
330 100
332 94.3 76.8 115.2
141 40.6 28.0 42.0

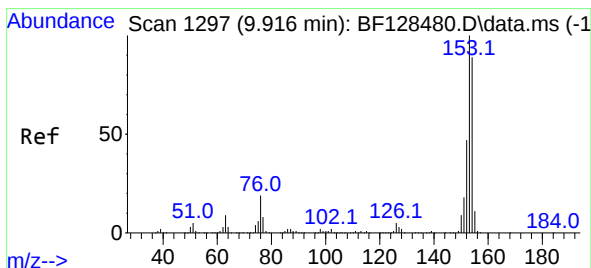
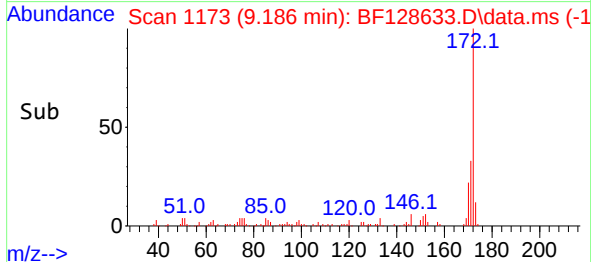
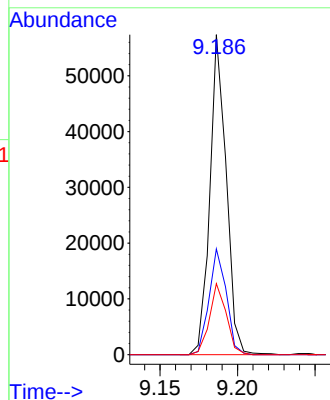
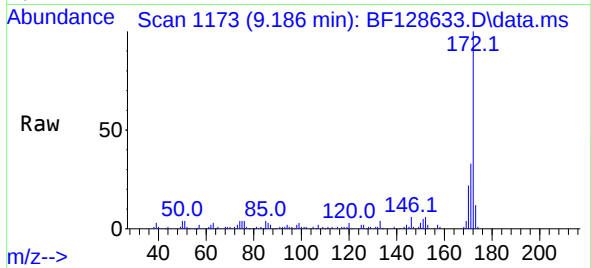




#45
2-Fluorobiphenyl
Concen: 4.395 ng
RT: 9.186 min Scan# 1176
Delta R.T. -0.018 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

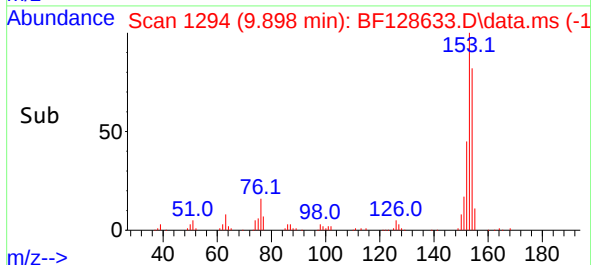
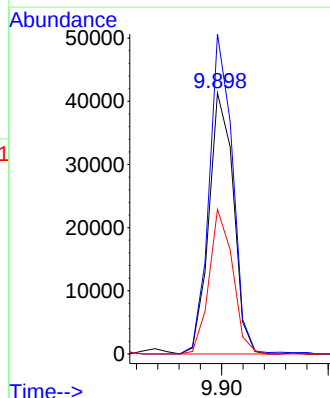
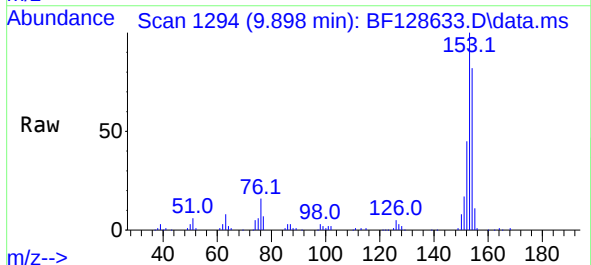
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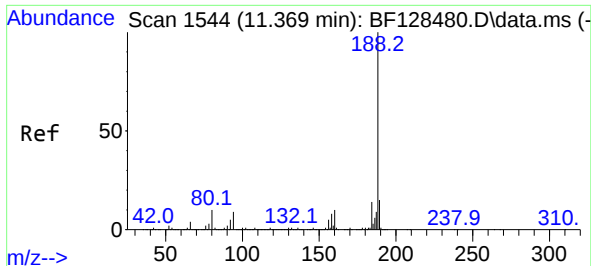
Tgt Ion:172 Resp: 42084
Ion Ratio Lower Upper
172 100
171 33.0 28.8 43.2
170 22.2 19.8 29.8



#52
Acenaphthene
Concen: 4.062 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.018 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

Tgt Ion:154 Resp: 33019
Ion Ratio Lower Upper
154 100
153 122.6 89.6 134.4
152 55.4 42.4 63.6

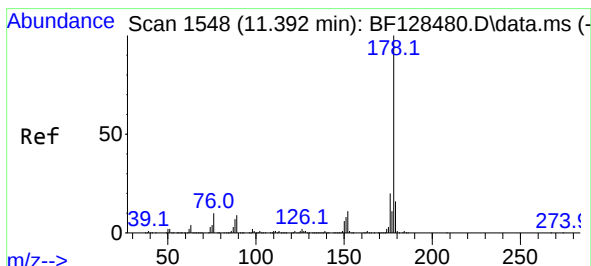
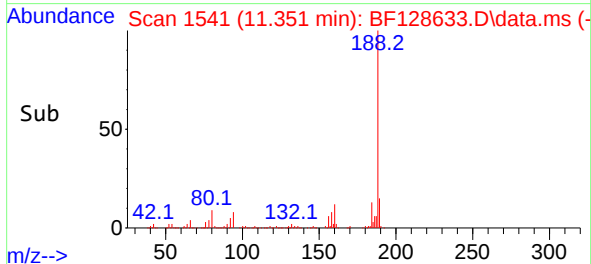
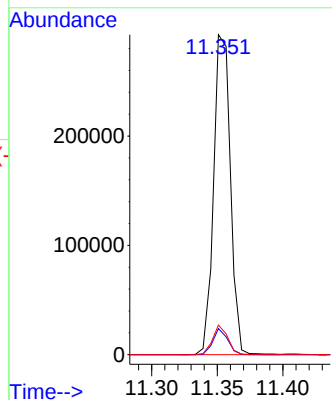
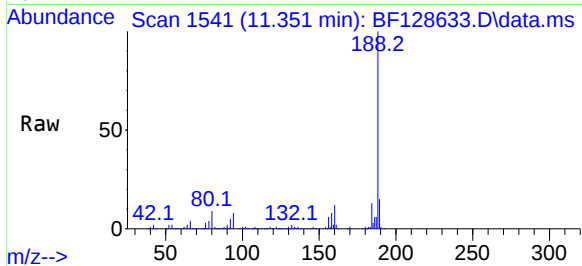




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

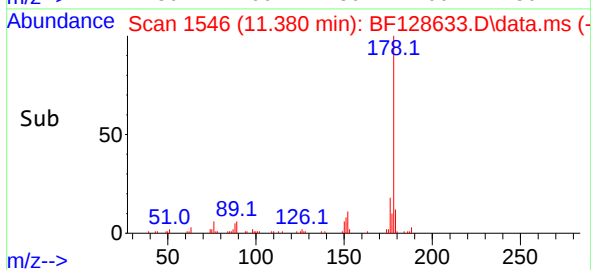
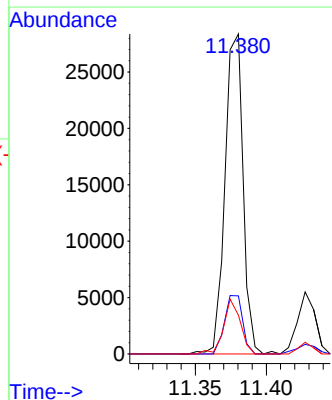
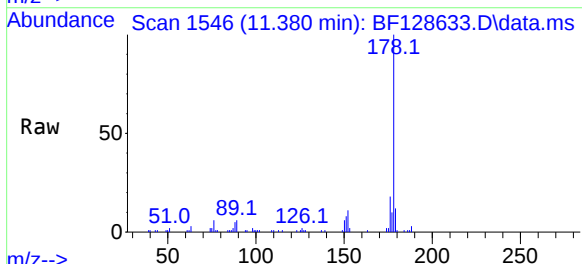
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

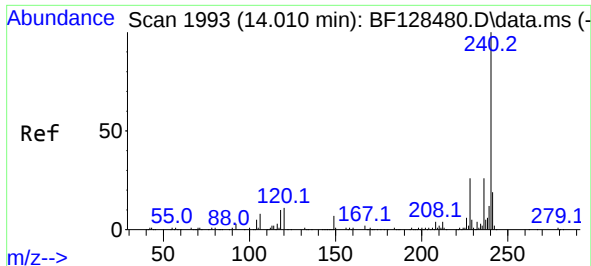
Tgt Ion:188 Resp: 261065
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 9.3 7.6 11.4



#71
Phenanthrene
Concen: 2.035 ng
RT: 11.380 min Scan# 1546
Delta R.T. -0.012 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

Tgt Ion:178 Resp: 25162
Ion Ratio Lower Upper
178 100
176 18.1 16.0 24.0
179 12.1 12.6 19.0#

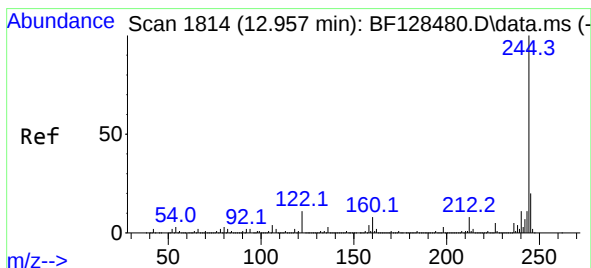
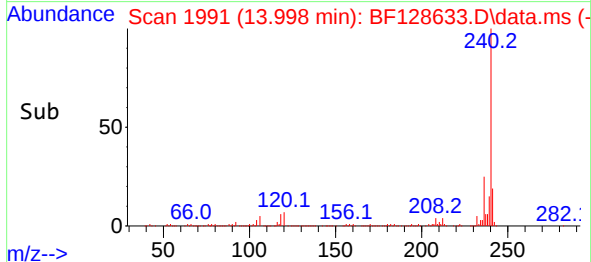
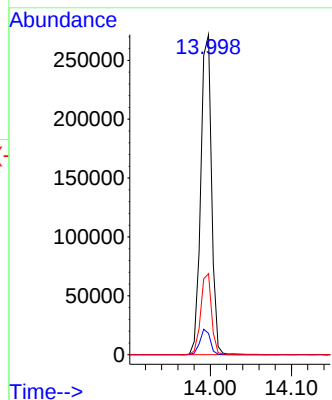
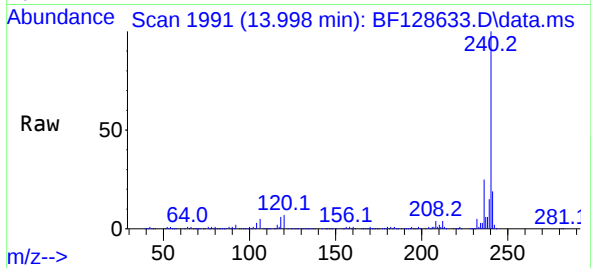




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

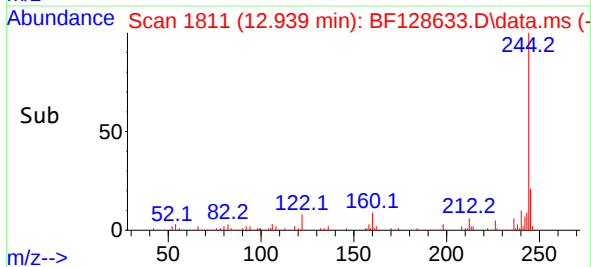
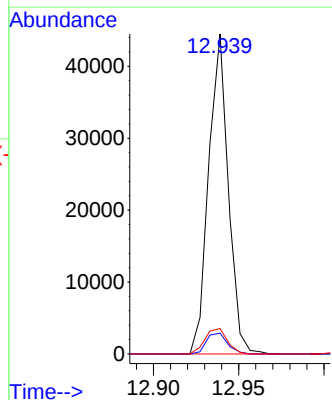
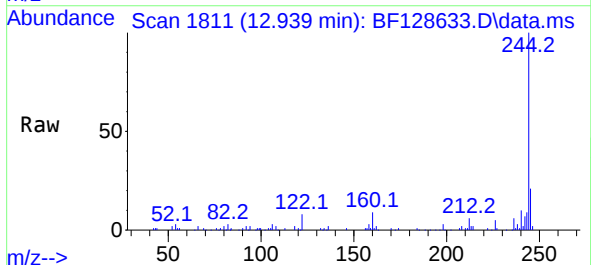
Instrument :
BNA_F
ClientSampleId :
MW-14DL2

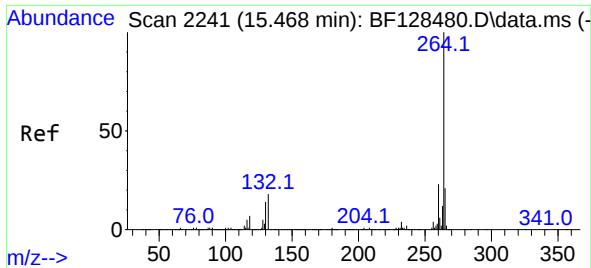
Tgt Ion:240 Resp: 251449
Ion Ratio Lower Upper
240 100
120 6.7 8.9 13.3#
236 25.3 20.8 31.2



#79
Terphenyl-d14
Concen: 2.743 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.018 min
Lab File: BF128633.D
Acq: 01 Jun 2022 20:23

Tgt Ion:244 Resp: 35698
Ion Ratio Lower Upper
244 100
212 6.5 6.1 9.1
122 8.0 8.8 13.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF128633.D
 Acq: 01 Jun 2022 20:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL2

Tgt Ion:264 Resp: 236534
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.8 17.2 25.8

