

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061423\
 Data File : BF133745.D
 Acq On : 14 Jun 2023 11:01
 Operator : CG\JU
 Sample : PB153266BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153266BL

Quant Time: Jun 14 11:25:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 11:26:55 2023
 Response via : Initial Calibration

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

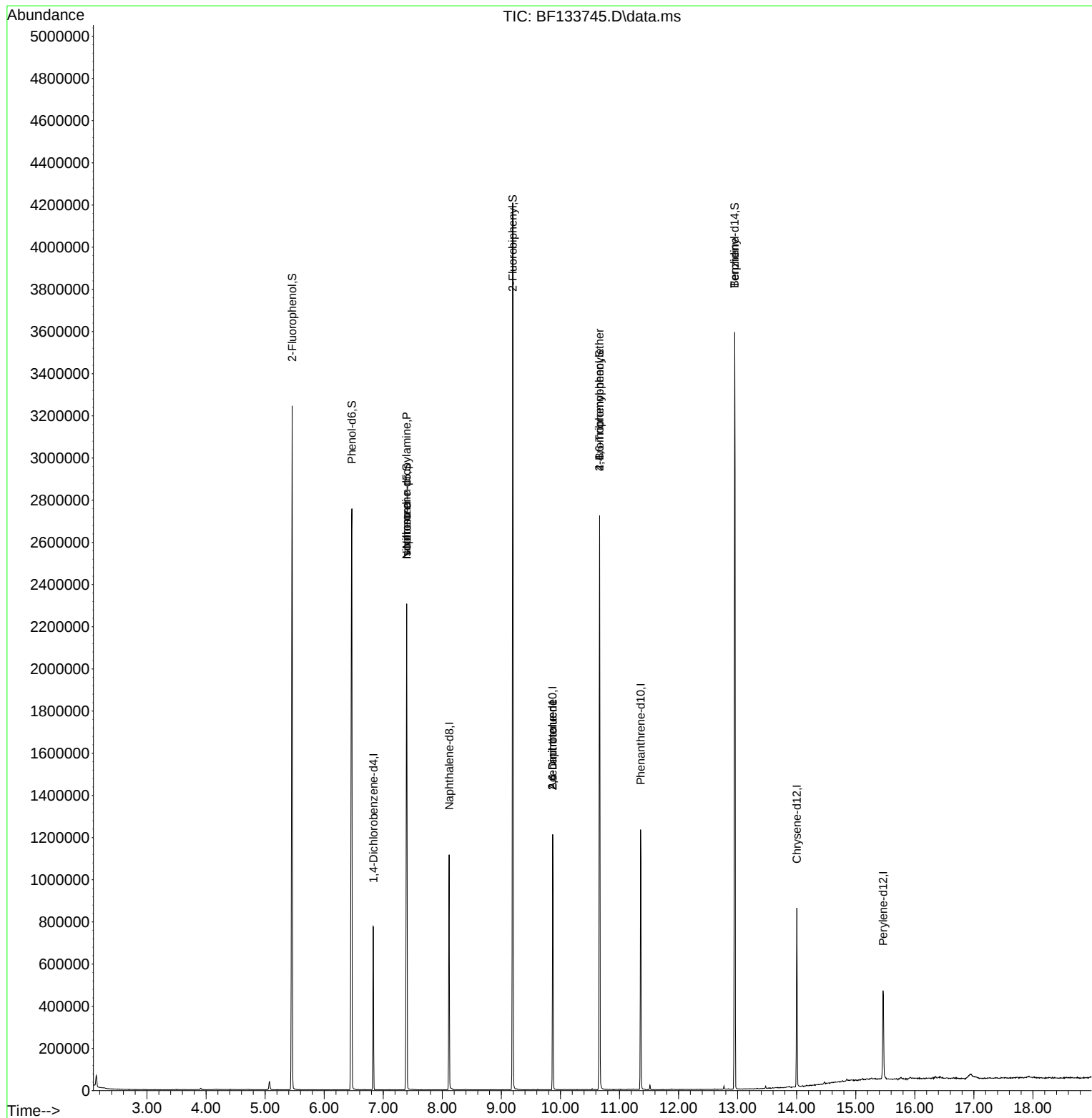
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	115407	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	445208	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	223102	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	450291	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	265517	20.000	ng	-0.01
86) Perylene-d12	15.463	264	198746	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	859217	129.612	ng	0.01
7) Phenol-d6	6.469	99	1041191	120.663	ng	0.00
23) Nitrobenzene-d5	7.398	82	705984	86.370	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	329521	116.683	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1252175	79.784	ng	0.00
79) Terphenyl-d14	12.951	244	1318980	76.866	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	100354	18.279	ng	# 80
25) Isophorone	7.398	82	705977	47.045	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	28946	8.421	ng	# 28
57) 2,4-Dinitrotoluene	9.869	165	28946	6.621	ng	# 19
67) 4-Bromophenyl-phenylether	10.663	248	19884	3.956	ng	# 1
77) Benzidine	12.951	184	20028	2.248	ng	# 92

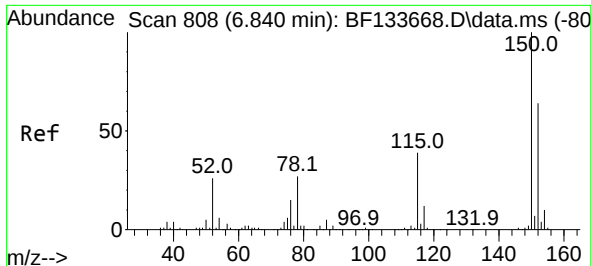
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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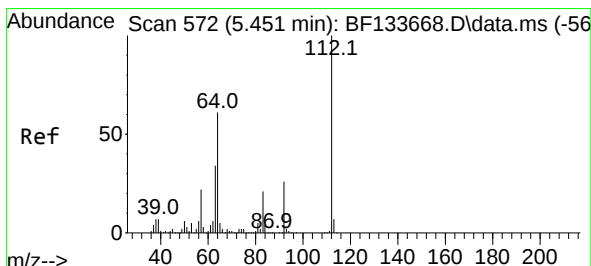
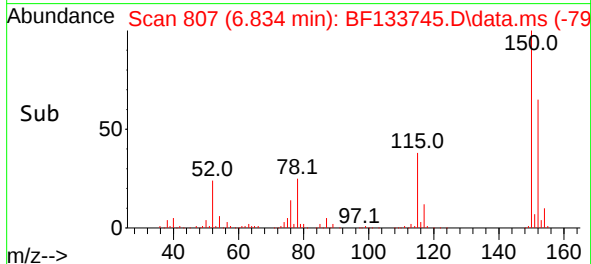
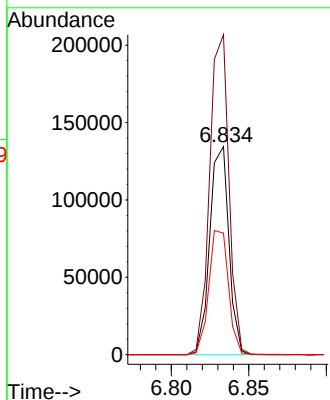
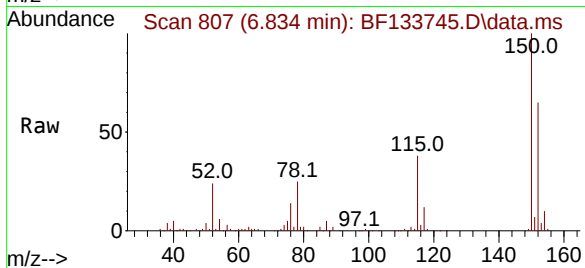




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133745.D
Acq: 14 Jun 2023 11:01

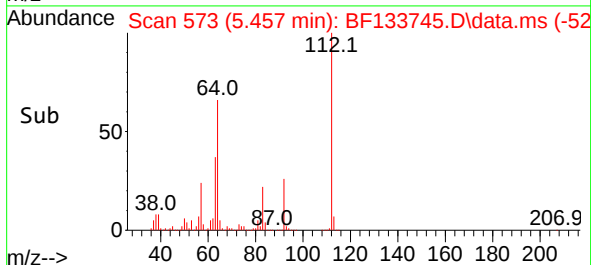
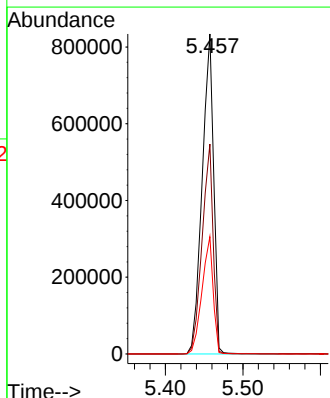
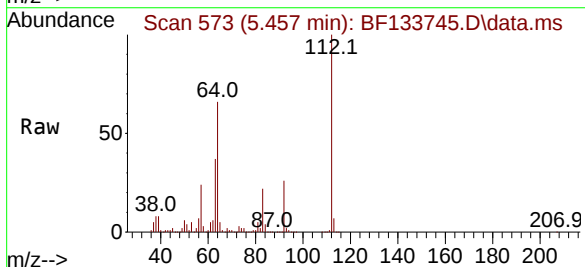
Instrument :
BNA_F
ClientSampleId :
PB153266BL

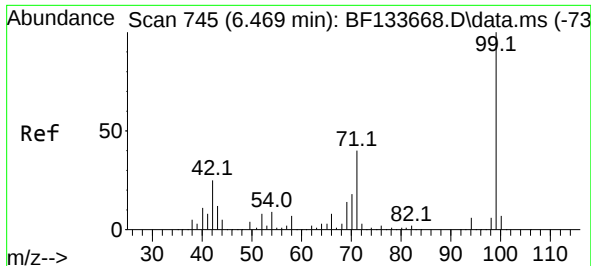
Tgt Ion:152 Resp: 115407
Ion Ratio Lower Upper
152 100
150 153.7 124.3 186.5
115 58.4 48.5 72.7



#5
2-Fluorophenol
Concen: 129.612 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133745.D
Acq: 14 Jun 2023 11:01

Tgt Ion:112 Resp: 859217
Ion Ratio Lower Upper
112 100
64 65.6 49.0 73.4
63 36.7 26.8 40.2

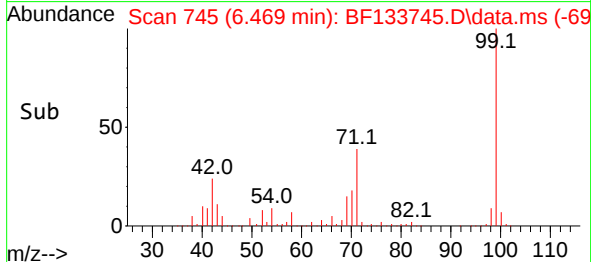
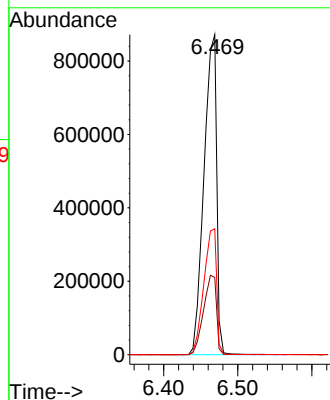
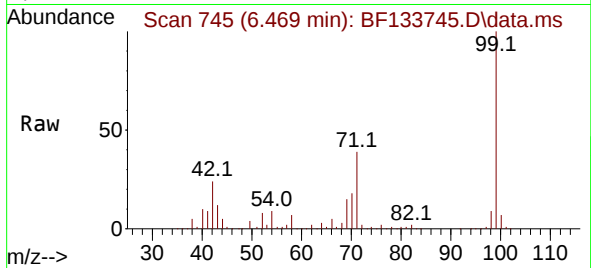




#7
Phenol-d6
Concen: 120.663 ng
RT: 6.469 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF133745.D
Acq: 14 Jun 2023 11:01

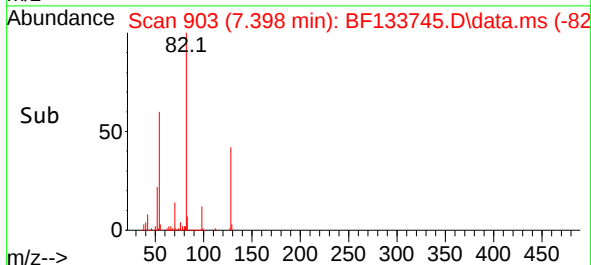
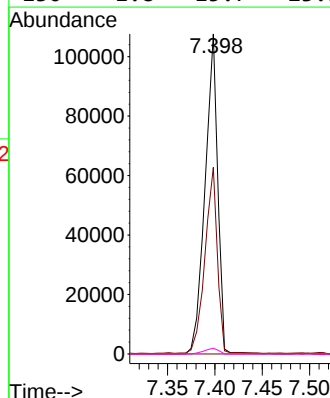
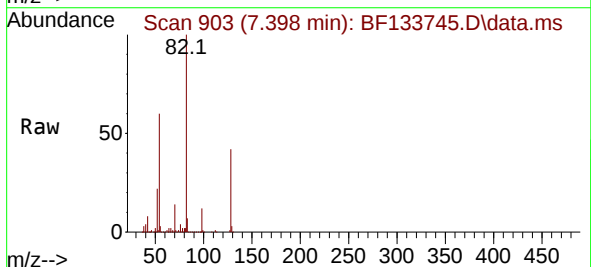
Instrument :
BNA_F
ClientSampleId :
PB153266BL

Tgt Ion: 99 Resp: 1041191
Ion Ratio Lower Upper
99 100
42 24.1 19.9 29.9
71 39.4 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.279 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF133745.D
Acq: 14 Jun 2023 11:01

Tgt Ion: 70 Resp: 100354
Ion Ratio Lower Upper
70 100
42 58.3 55.8 83.8
101 0.0 8.1 12.1#
130 1.8 15.7 23.5#

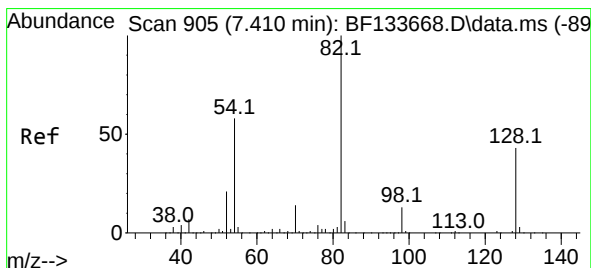
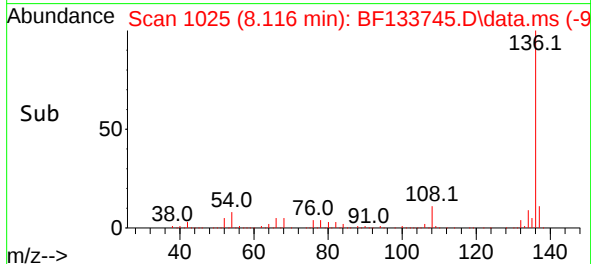
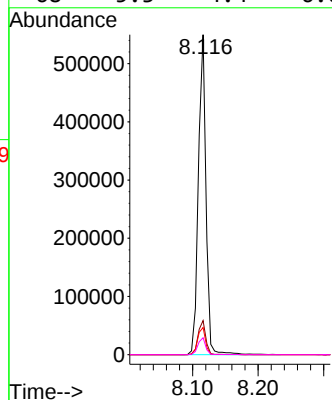
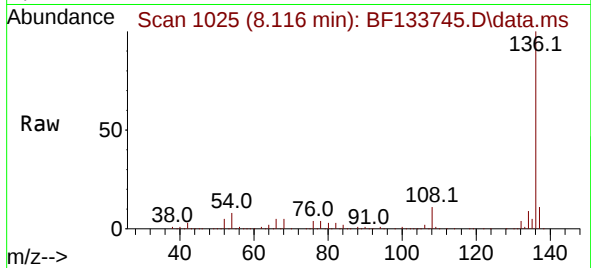




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133745.D
Acq: 14 Jun 2023 11:01

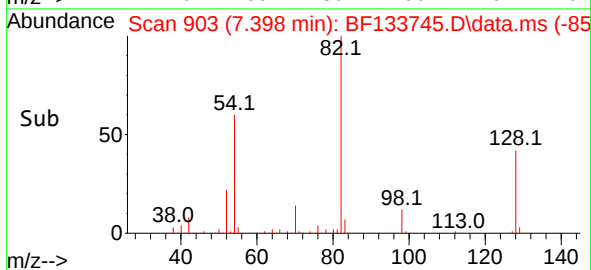
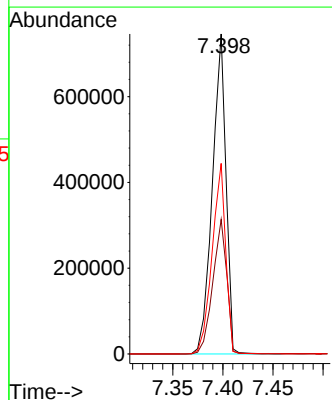
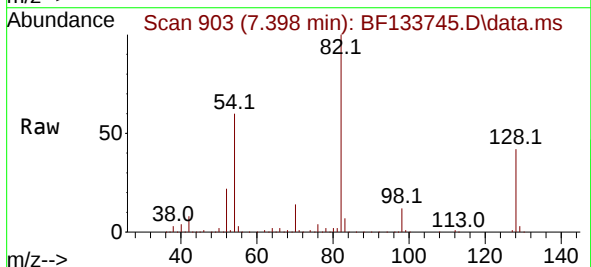
Instrument :
BNA_F
ClientSampleId :
PB153266BL

Tgt Ion:136 Resp: 445208
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.5 7.4 11.0
68 5.3 4.4 6.6



#23
Nitrobenzene-d5
Concen: 86.370 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF133745.D
Acq: 14 Jun 2023 11:01

Tgt Ion: 82 Resp: 705984
Ion Ratio Lower Upper
82 100
128 42.1 34.2 51.2
54 59.5 46.5 69.7

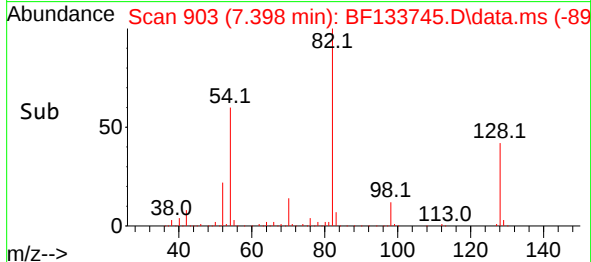
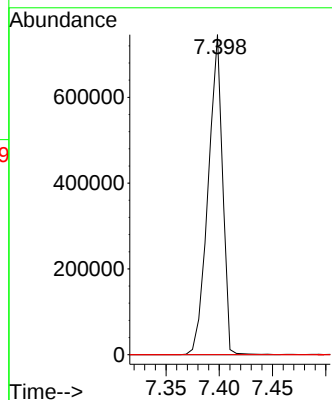
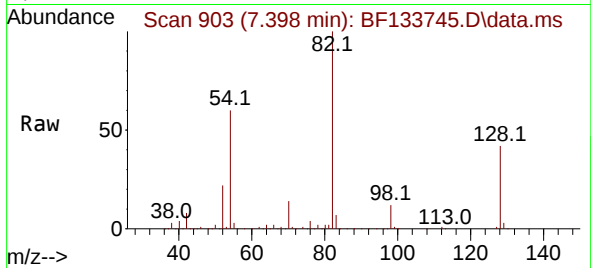




#25
Isophorone
Concen: 47.045 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133745.D
Acq: 14 Jun 2023 11:01

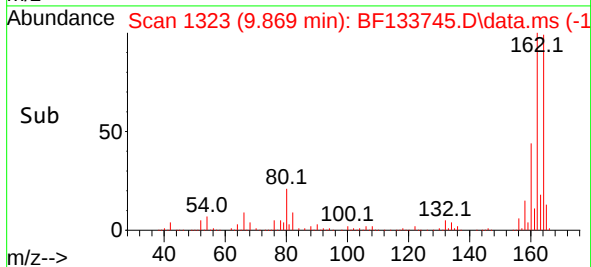
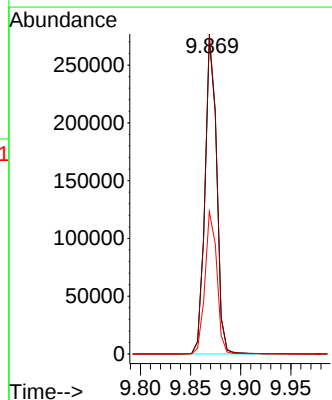
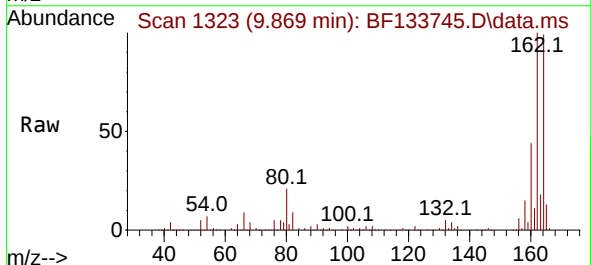
Instrument :
BNA_F
ClientSampleId :
PB153266BL

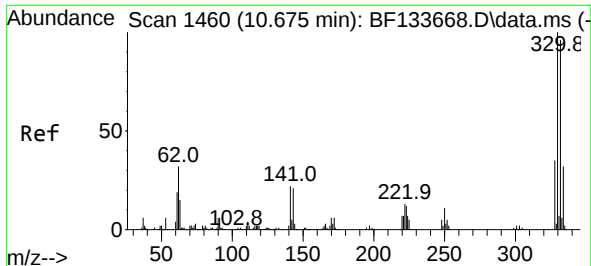
Tgt Ion: 82 Resp: 705977
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF133745.D
Acq: 14 Jun 2023 11:01

Tgt Ion:164 Resp: 223102
Ion Ratio Lower Upper
164 100
162 101.4 80.8 121.2
160 45.1 36.7 55.1

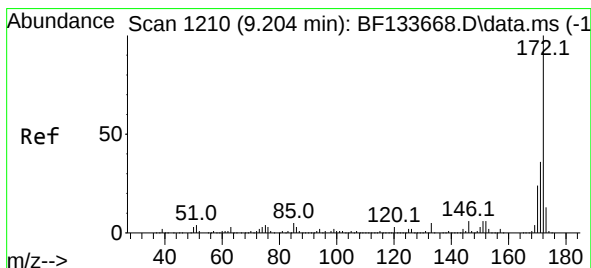
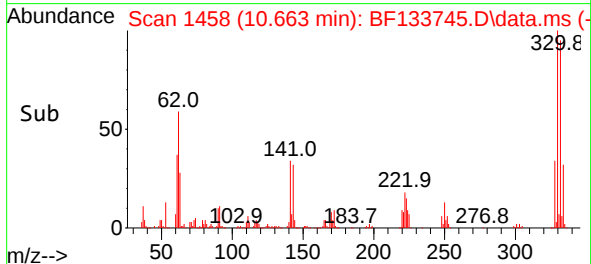
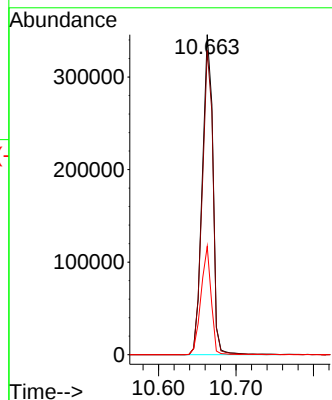
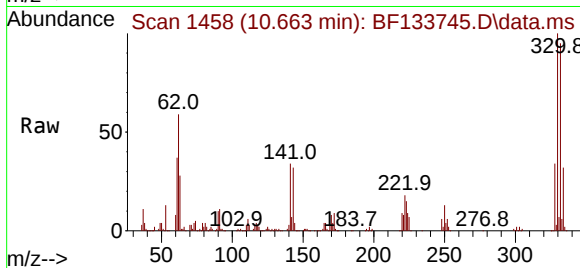




#42
2,4,6-Tribromophenol
Concen: 116.683 ng
RT: 10.663 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF133745.D
Acq: 14 Jun 2023 11:01

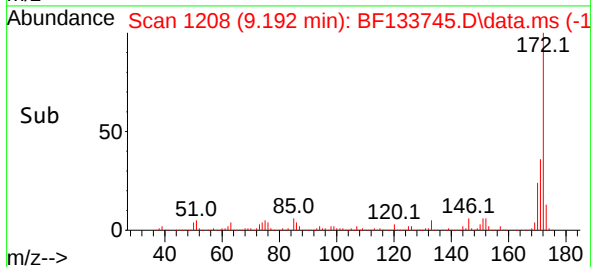
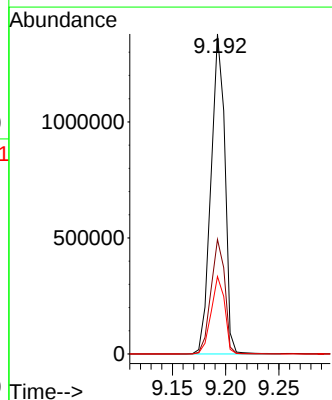
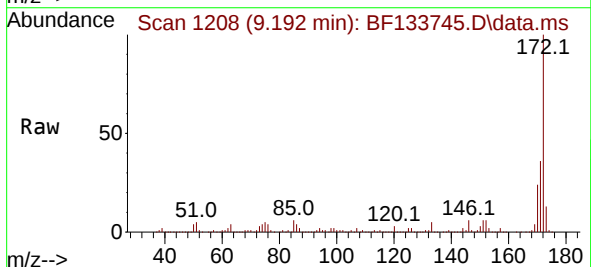
Instrument :
BNA_F
ClientSampleId :
PB153266BL

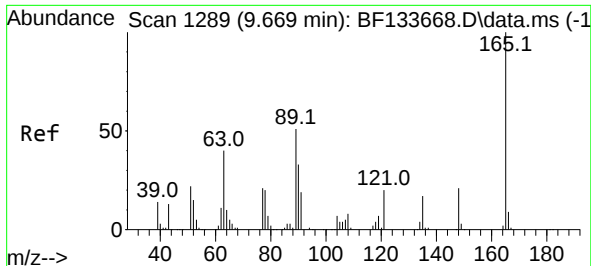
Tgt Ion:330 Resp: 329521
Ion Ratio Lower Upper
330 100
332 95.9 77.2 115.8
141 32.4 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 79.784 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF133745.D
Acq: 14 Jun 2023 11:01

Tgt Ion:172 Resp: 1252175
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.2 19.1 28.7

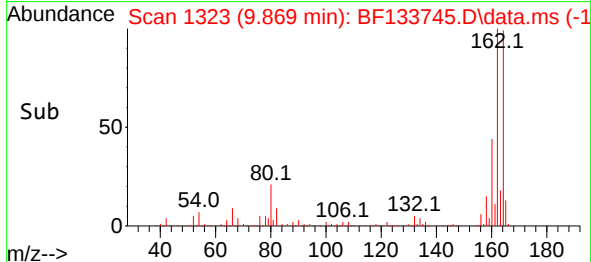
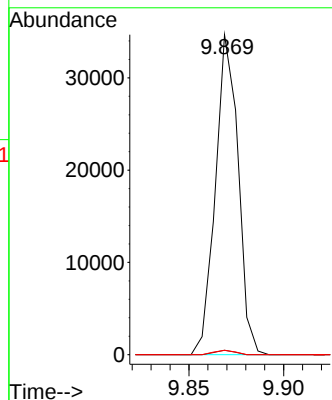
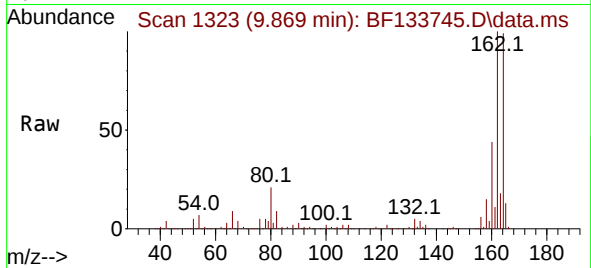




#51
2,6-Dinitrotoluene
Concen: 8.421 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133745.D
Acq: 14 Jun 2023 11:01

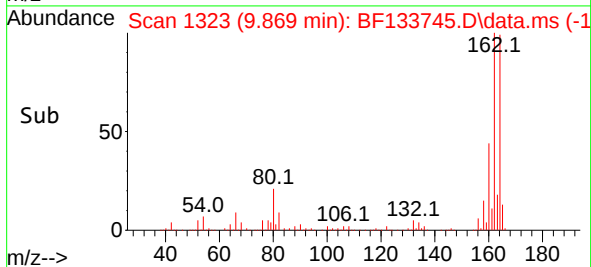
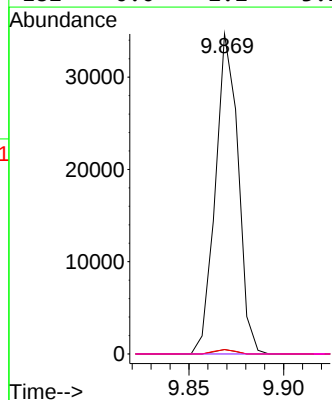
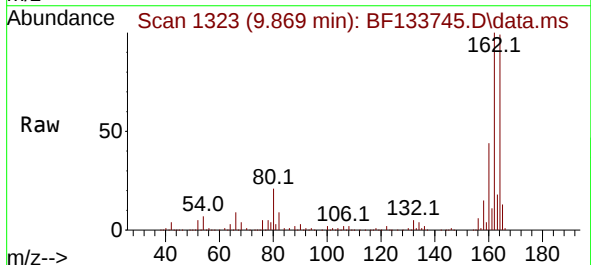
Instrument :
BNA_F
ClientSampleId :
PB153266BL

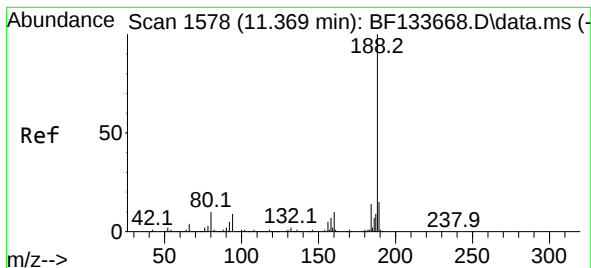
Tgt Ion:165 Resp: 28946
Ion Ratio Lower Upper
165 100
63 1.4 42.1 63.1#
89 1.4 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.621 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.200 min
Lab File: BF133745.D
Acq: 14 Jun 2023 11:01

Tgt Ion:165 Resp: 28946
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.4 62.6 93.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF133745.D

Acq: 14 Jun 2023 11:01

Instrument :

BNA_F

ClientSampleId :

PB153266BL

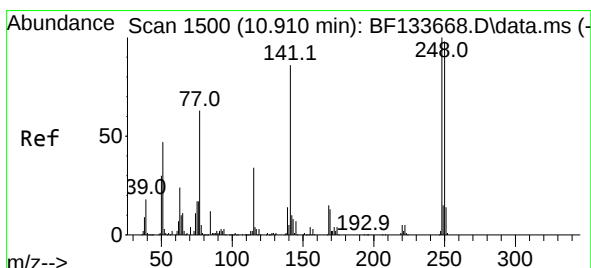
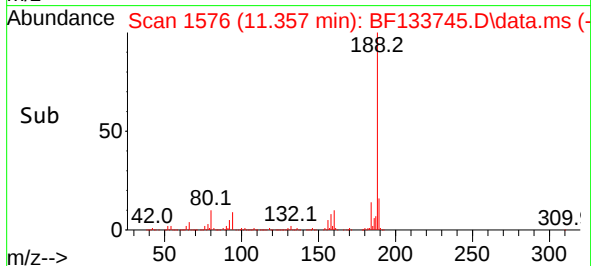
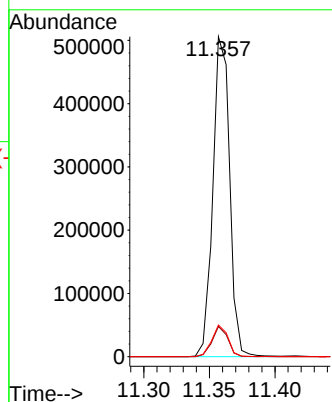
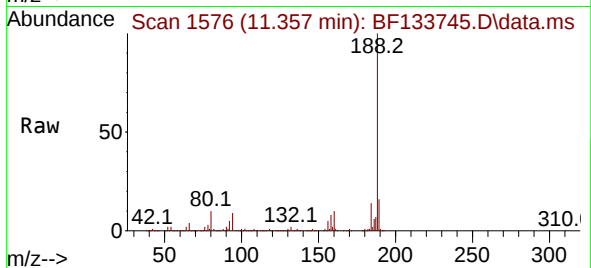
Tgt Ion:188 Resp: 450291

Ion Ratio Lower Upper

188 100

94 9.4 6.8 10.2

80 9.9 7.8 11.6



#67

4-Bromophenyl-phenylether

Concen: 3.956 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.247 min

Lab File: BF133745.D

Acq: 14 Jun 2023 11:01

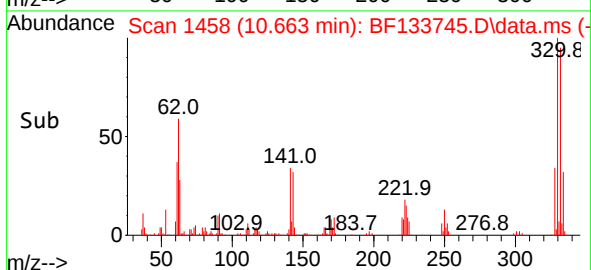
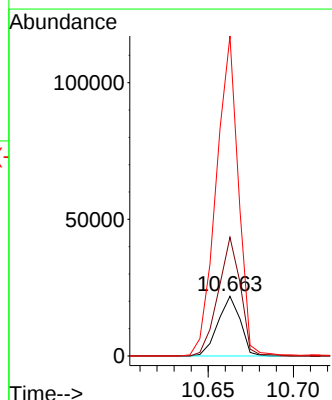
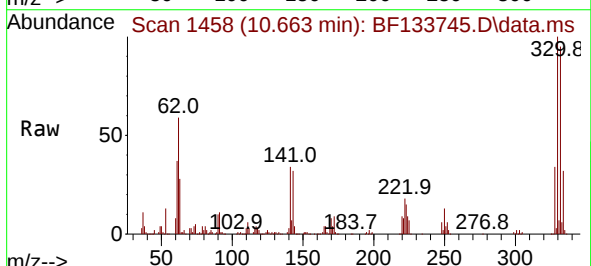
Tgt Ion:248 Resp: 19884

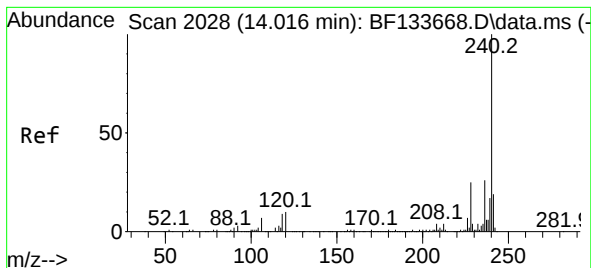
Ion Ratio Lower Upper

248 100

250 198.9 78.3 117.5#

141 536.0 69.0 103.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF133745.D

Acq: 14 Jun 2023 11:01

Instrument :

BNA_F

ClientSampleId :

PB153266BL

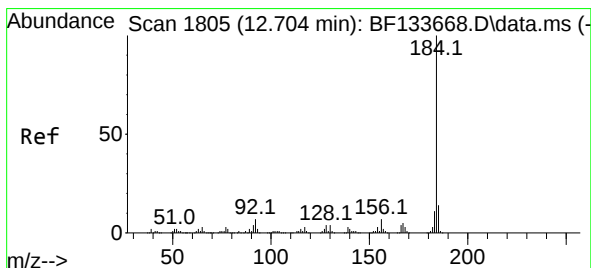
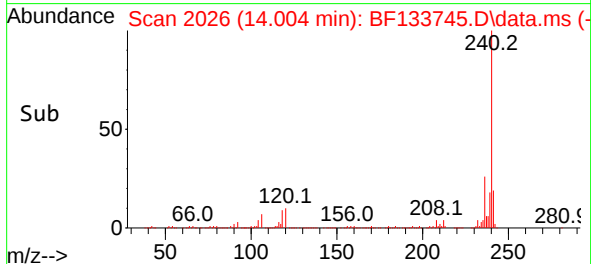
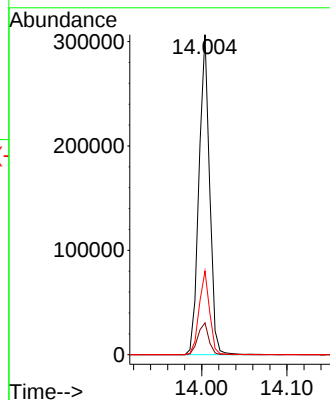
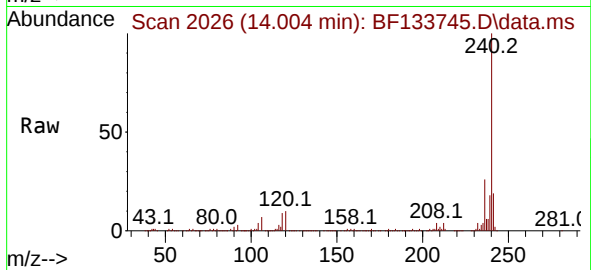
Tgt Ion:240 Resp: 265517

Ion Ratio Lower Upper

240 100

120 10.0 8.1 12.1

236 26.1 20.5 30.7



#77

Benzdine

Concen: 2.248 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.247 min

Lab File: BF133745.D

Acq: 14 Jun 2023 11:01

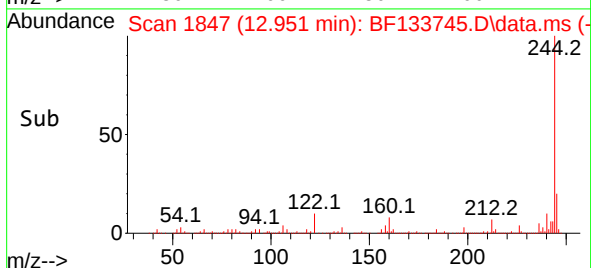
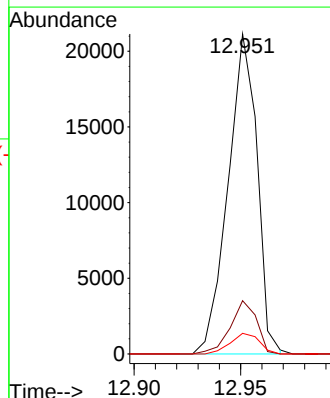
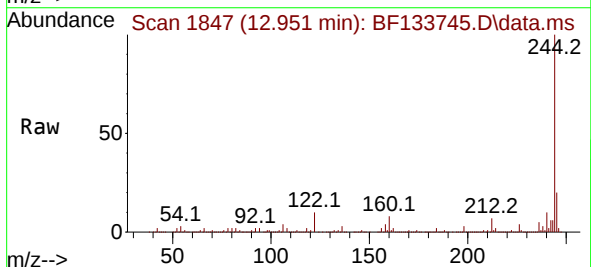
Tgt Ion:184 Resp: 20028

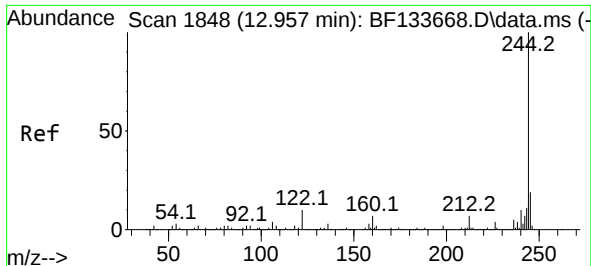
Ion Ratio Lower Upper

184 100

185 16.6 11.6 17.4

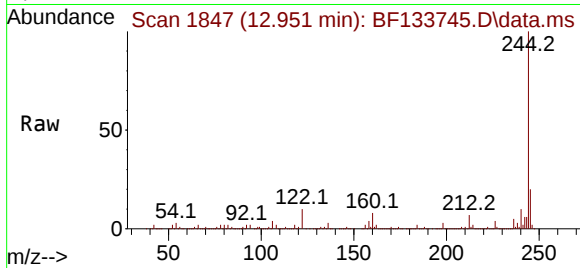
183 6.4 8.4 12.6#



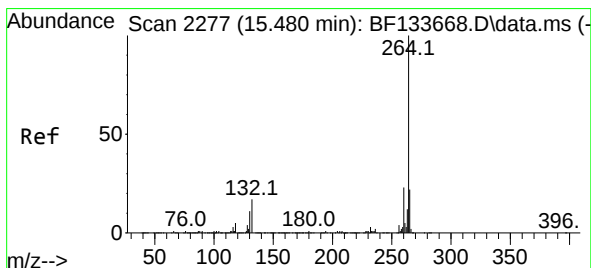
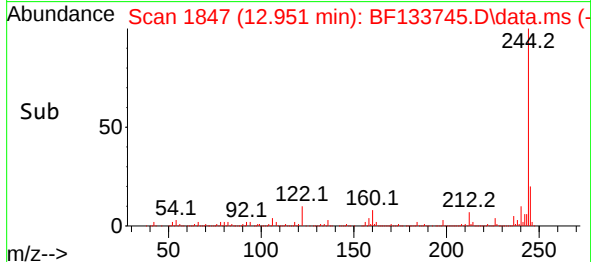
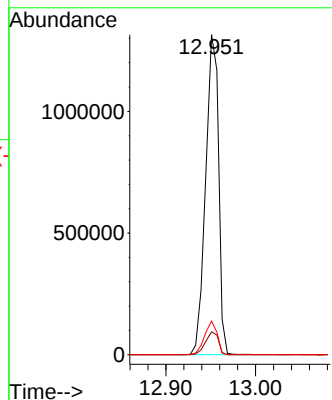


#79
 Terphenyl-d14
 Concen: 76.866 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF133745.D
 Acq: 14 Jun 2023 11:01

Instrument :
 BNA_F
 ClientSampleId :
 PB153266BL



Tgt Ion:244 Resp: 1318980
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.5 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. -0.018 min
 Lab File: BF133745.D
 Acq: 14 Jun 2023 11:01

Tgt Ion:264 Resp: 198746
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.2 27.2
 265 21.4 17.8 26.6

