

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121523\
 Data File : BF136593.D
 Acq On : 15 Dec 2023 15:21
 Operator : CG\JU
 Sample : 05758-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-3

Quant Time: Dec 15 16:12:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

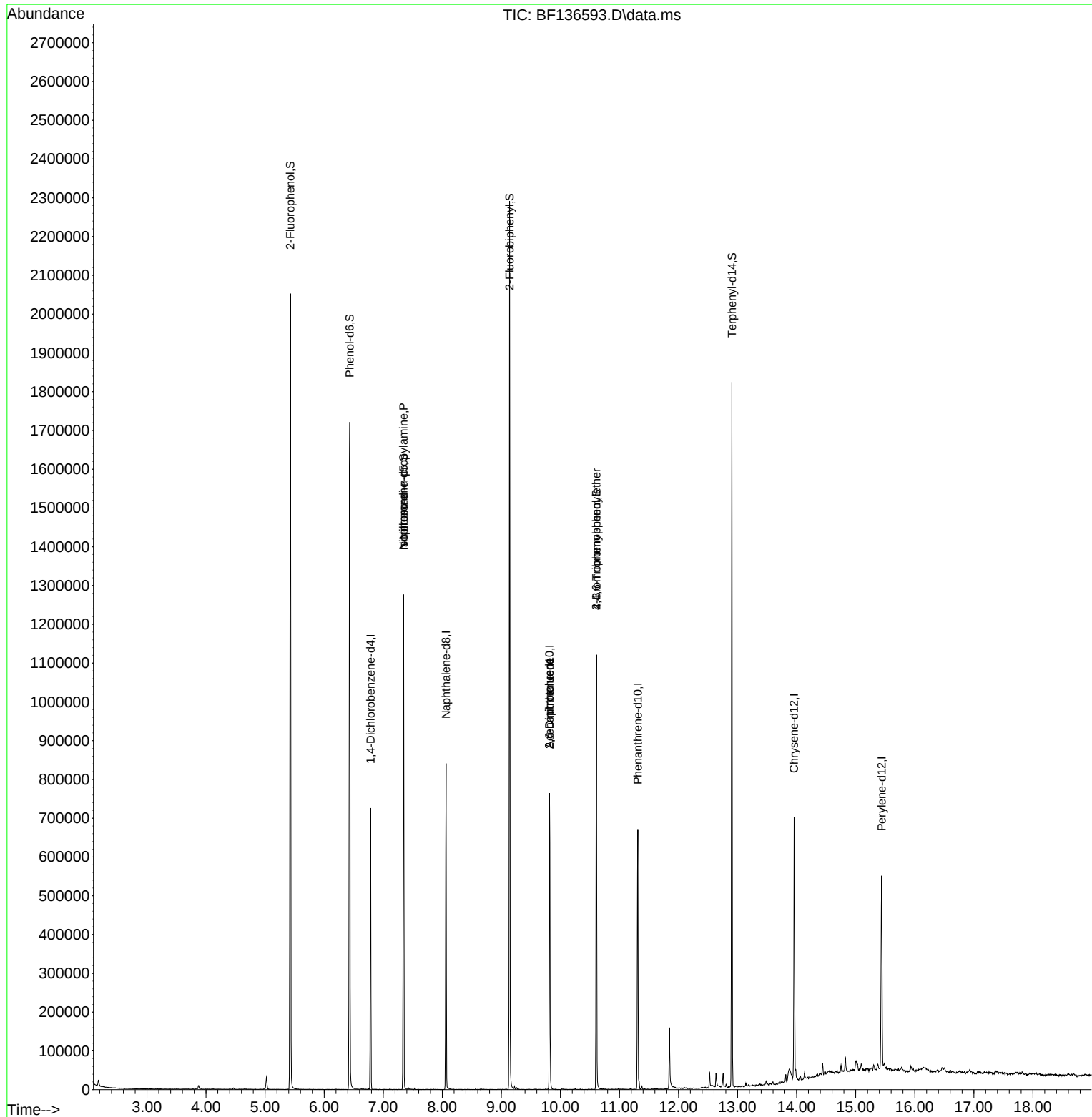
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	101224	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	360802	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	154383	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	246970	20.000	ng	0.00
76) Chrysene-d12	13.957	240	233738	20.000	ng	#-0.01
86) Perylene-d12	15.439	264	228577	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	560945	81.840	ng	0.00
7) Phenol-d6	6.434	99	650080	76.018	ng	0.00
23) Nitrobenzene-d5	7.345	82	375909	56.324	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	133388	70.073	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	656574	58.031	ng	0.00
79) Terphenyl-d14	12.904	244	591531	33.356	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.428	77	871	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.345	70	48364	9.804 ng	#	77
25) Isophorone	7.345	82	375959	31.354 ng	#	65
51) 2,6-Dinitrotoluene	9.816	165	19262	7.533 ng	#	29
57) 2,4-Dinitrotoluene	9.816	165	19262	5.694 ng	#	28
67) 4-Bromophenyl-phenylether	10.610	248	7751	2.699 ng	#	1
77) Benzidine	12.904	184	6681	Below Cal	#	84

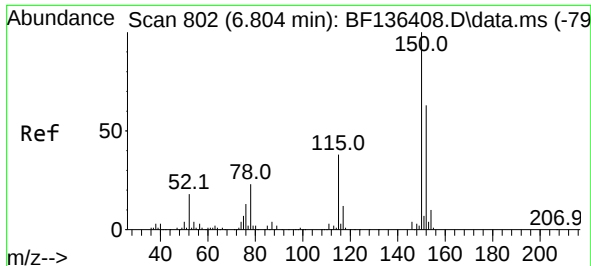
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121523\
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-COMP-3

Quant Time: Dec 15 16:12:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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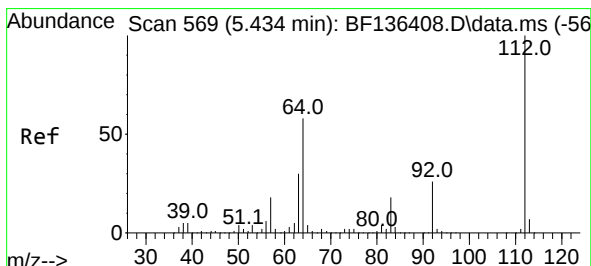
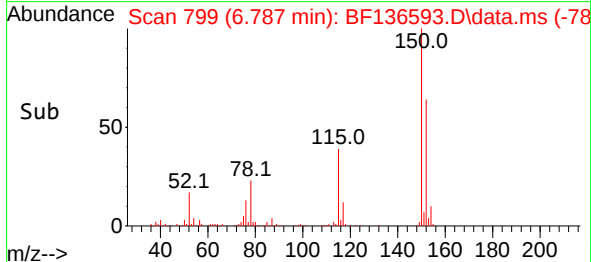
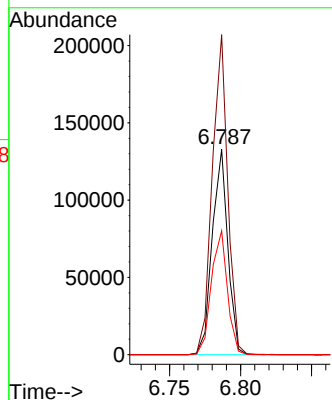
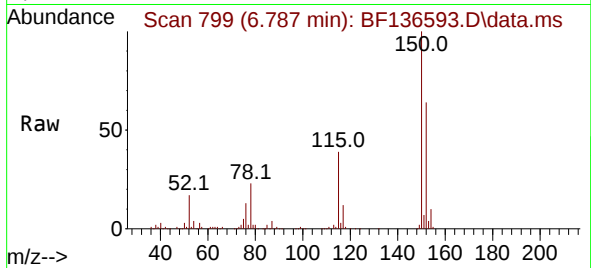




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF136593.D
Acq: 15 Dec 2023 15:21

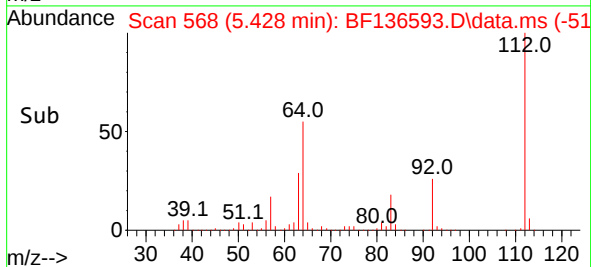
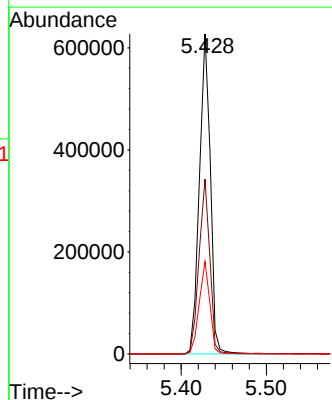
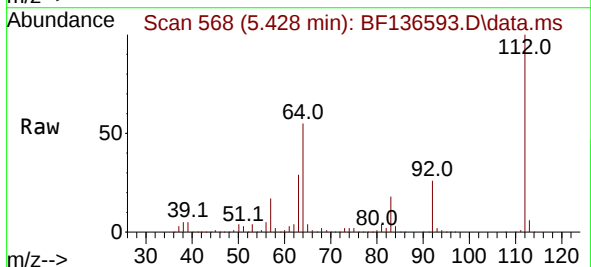
Instrument :
BNA_F
ClientSampleId :
SP-COMP-3

Tgt Ion:152 Resp: 101224
Ion Ratio Lower Upper
152 100
150 155.8 126.4 189.6
115 60.3 48.2 72.4



#5
2-Fluorophenol
Concen: 81.840 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF136593.D
Acq: 15 Dec 2023 15:21

Tgt Ion:112 Resp: 560945
Ion Ratio Lower Upper
112 100
64 54.7 46.5 69.7
63 28.9 23.9 35.9

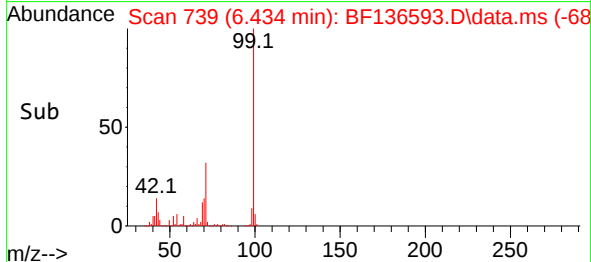
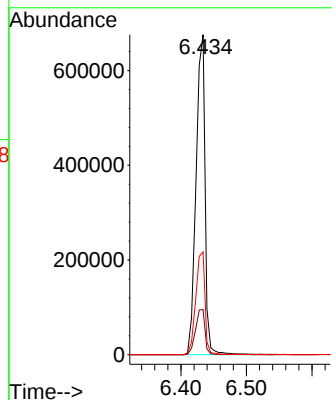
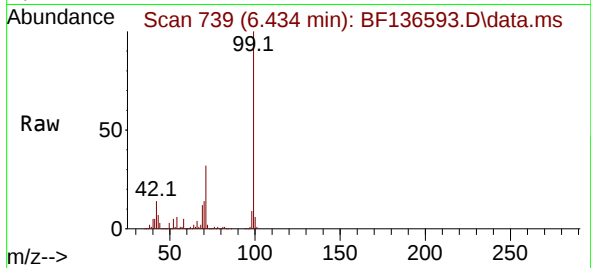




#7
Phenol-d6
Concen: 76.018 ng
RT: 6.434 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF136593.D
Acq: 15 Dec 2023 15:21

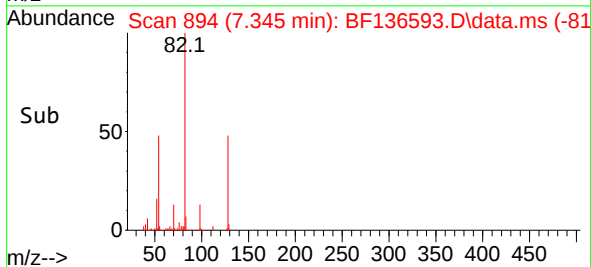
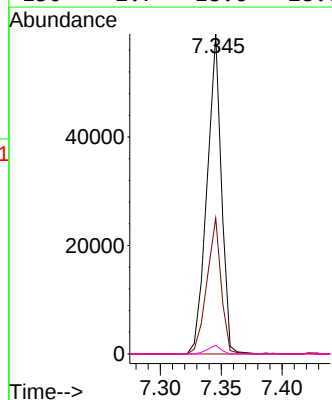
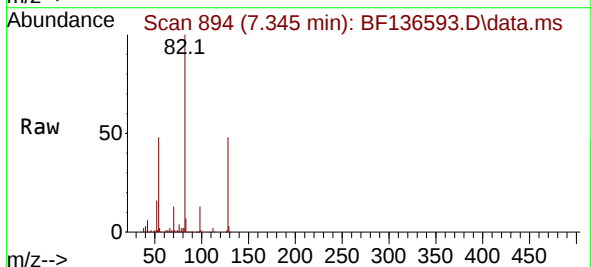
Instrument :
BNA_F
ClientSampleId :
SP-COMP-3

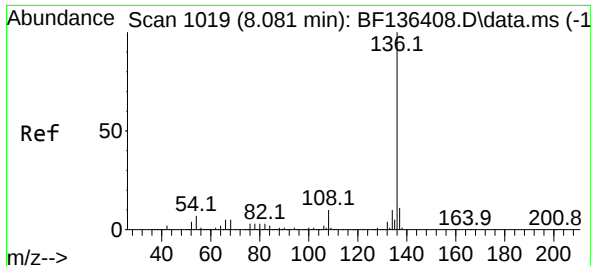
Tgt Ion: 99 Resp: 650080
Ion Ratio Lower Upper
99 100
42 14.1 12.8 19.2
71 32.1 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.804 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF136593.D
Acq: 15 Dec 2023 15:21

Tgt Ion: 70 Resp: 48364
Ion Ratio Lower Upper
70 100
42 42.5 41.4 62.0
101 0.0 8.2 12.4#
130 2.7 18.6 28.0#

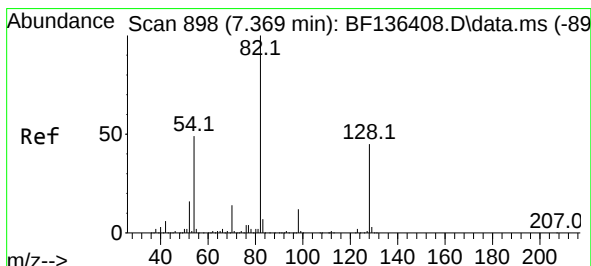
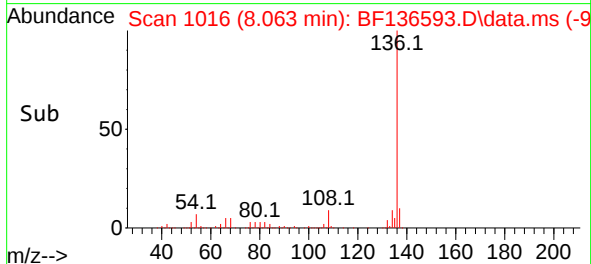
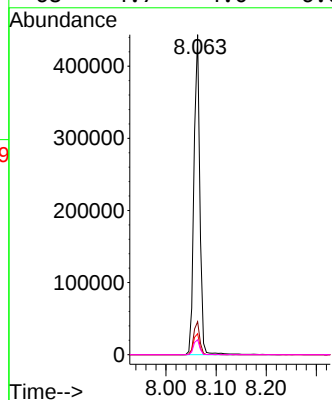
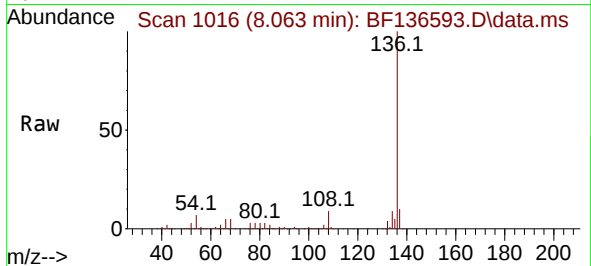




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136593.D
Acq: 15 Dec 2023 15:21

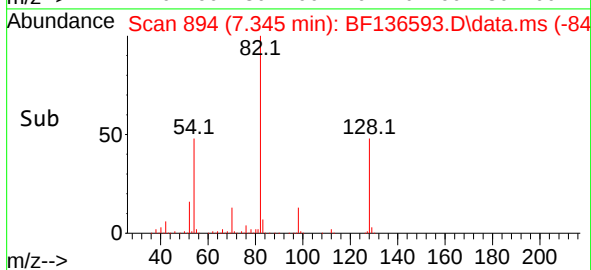
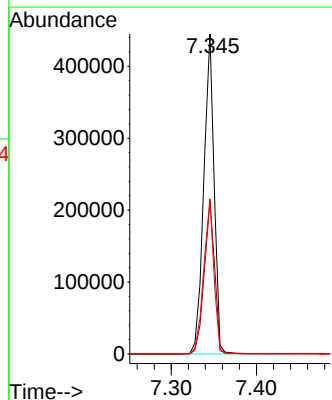
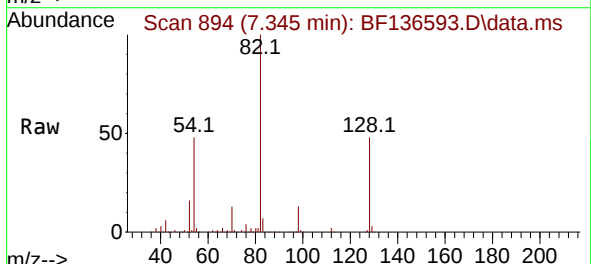
Instrument :
BNA_F
ClientSampleId :
SP-COMP-3

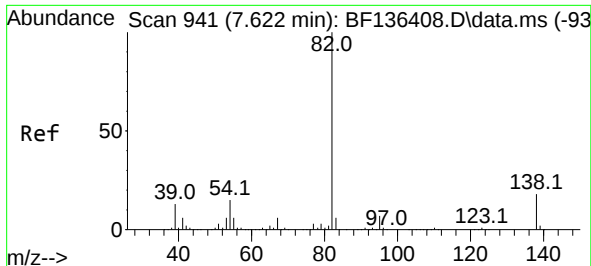
Tgt Ion:136 Resp: 360802
Ion Ratio Lower Upper
136 100
137 10.3 8.6 12.8
54 6.6 5.7 8.5
68 4.7 4.0 6.0



#23
Nitrobenzene-d5
Concen: 56.324 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136593.D
Acq: 15 Dec 2023 15:21

Tgt Ion: 82 Resp: 375909
Ion Ratio Lower Upper
82 100
128 47.7 36.3 54.5
54 48.5 39.0 58.6

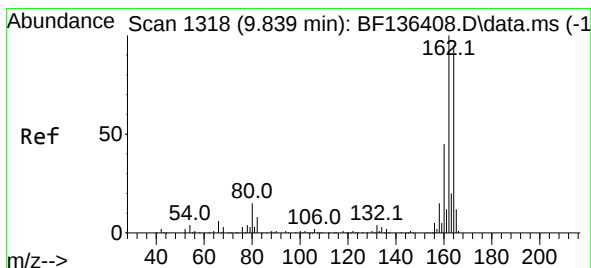
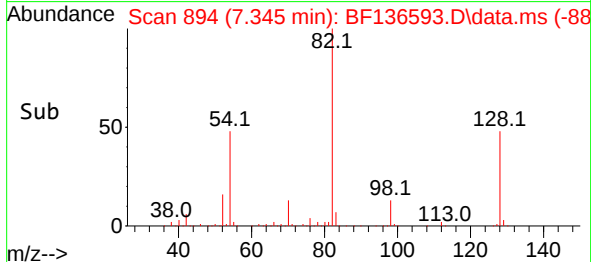
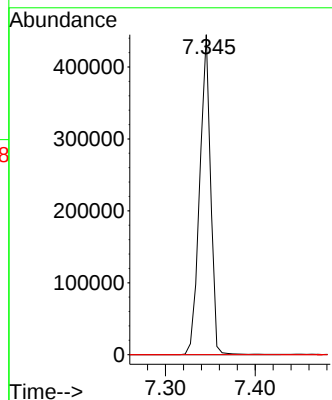
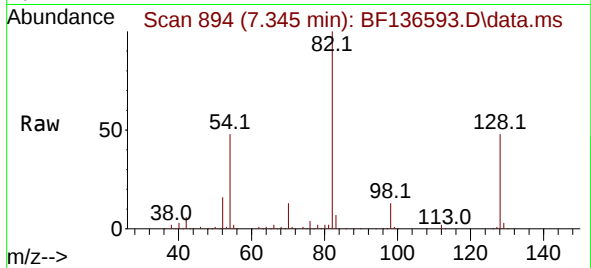




#25
Isophorone
Concen: 31.354 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF136593.D
Acq: 15 Dec 2023 15:21

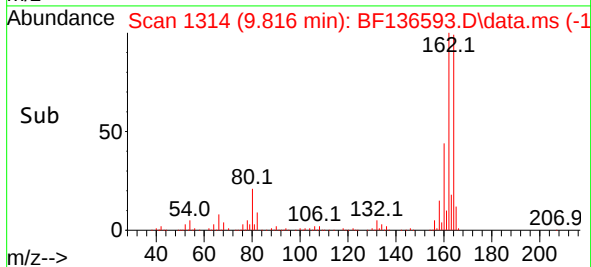
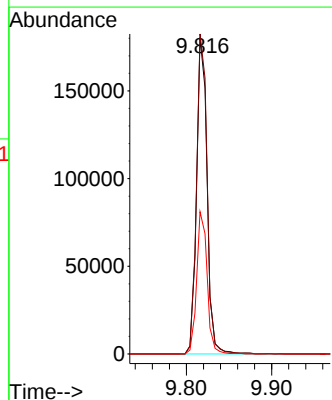
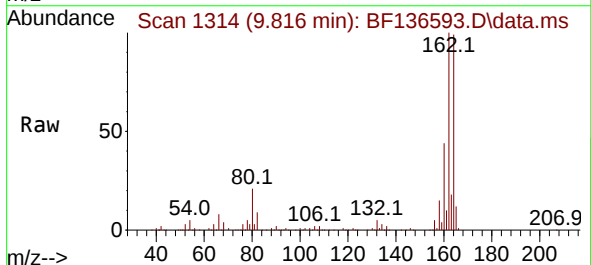
Instrument :
BNA_F
ClientSampleId :
SP-COMP-3

Tgt Ion: 82 Resp: 375959
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136593.D
Acq: 15 Dec 2023 15:21

Tgt Ion:164 Resp: 154383
Ion Ratio Lower Upper
164 100
162 101.1 84.4 126.6
160 45.0 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 70.073 ng

RT: 10.610 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF136593.D

Acq: 15 Dec 2023 15:21

Instrument :

BNA_F

ClientSampleId :

SP-COMP-3

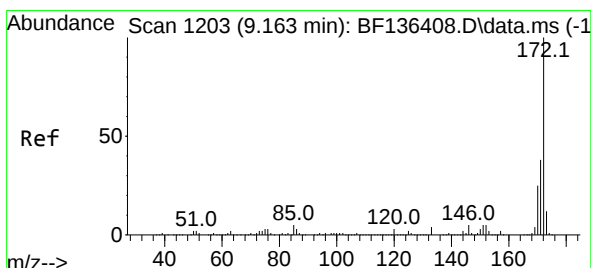
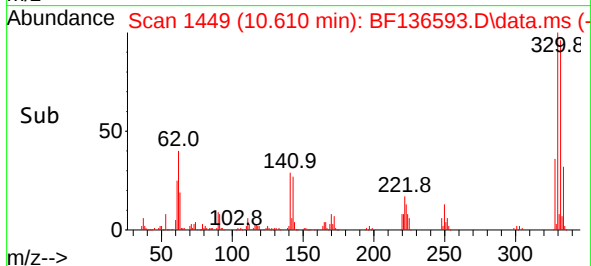
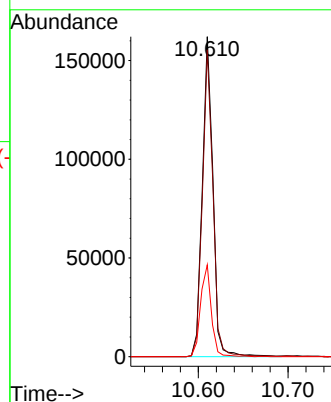
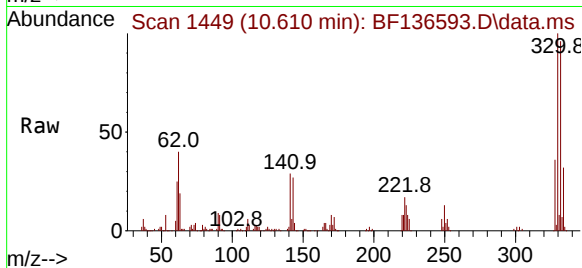
Tgt Ion:330 Resp: 133388

Ion Ratio Lower Upper

330 100

332 95.0 76.4 114.6

141 29.0 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 58.031 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF136593.D

Acq: 15 Dec 2023 15:21

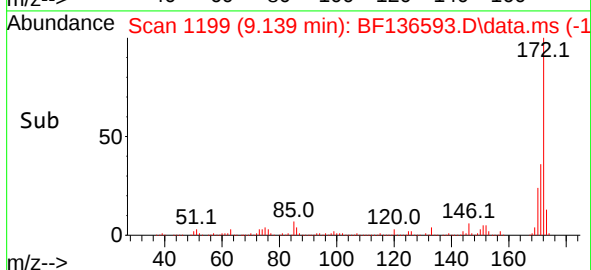
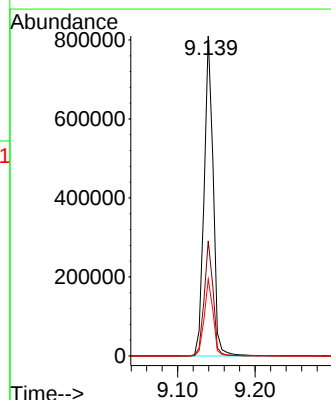
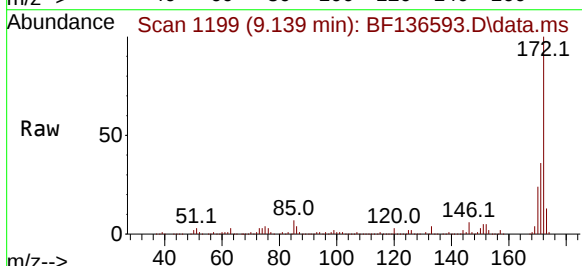
Tgt Ion:172 Resp: 656574

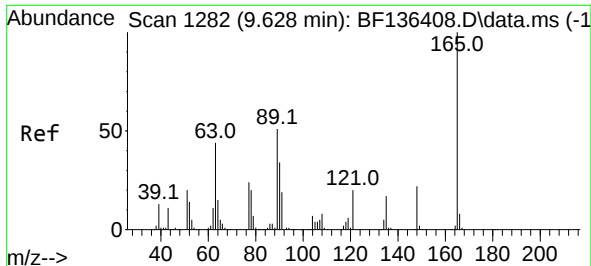
Ion Ratio Lower Upper

172 100

171 35.9 30.5 45.7

170 24.0 19.9 29.9





#51

2,6-Dinitrotoluene

Concen: 7.533 ng

RT: 9.816 min Scan# 1

Delta R.T. 0.200 min

Lab File: BF136593.D

Acq: 15 Dec 2023 15:21

Instrument :

BNA_F

ClientSampleId :

SP-COMP-3

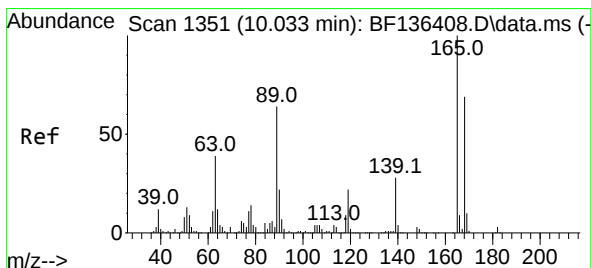
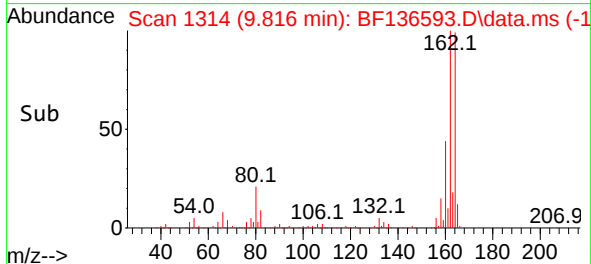
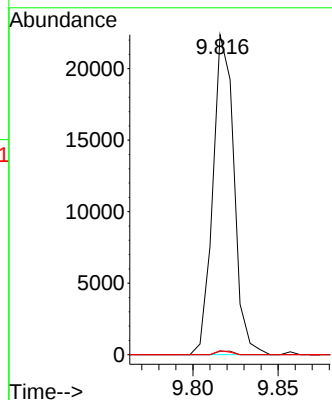
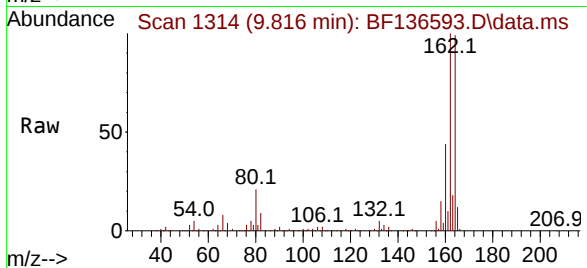
Tgt Ion:165 Resp: 19262

Ion Ratio Lower Upper

165 100

63 1.1 40.4 60.6#

89 1.3 40.6 60.8#



#57

2,4-Dinitrotoluene

Concen: 5.694 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.206 min

Lab File: BF136593.D

Acq: 15 Dec 2023 15:21

Tgt Ion:165 Resp: 19262

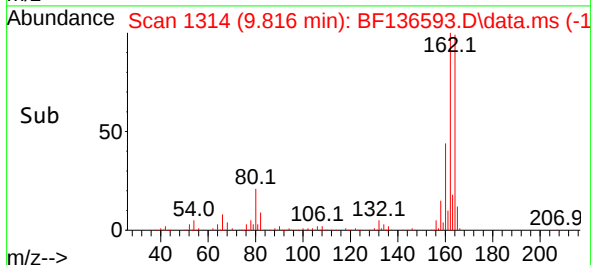
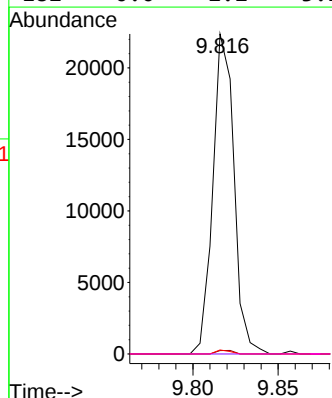
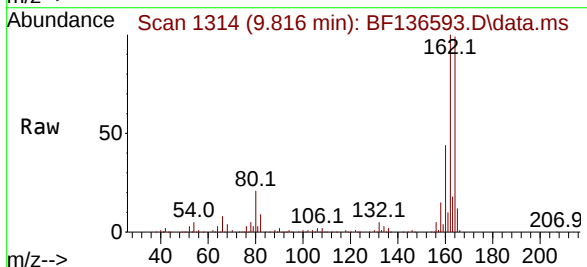
Ion Ratio Lower Upper

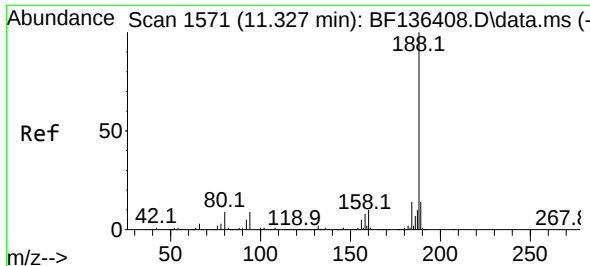
165 100

63 1.1 31.4 47.2#

89 1.3 51.7 77.5#

182 0.0 2.2 3.2#

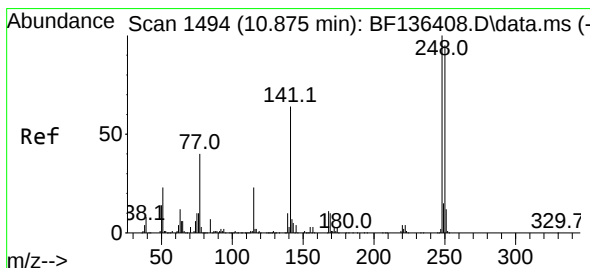
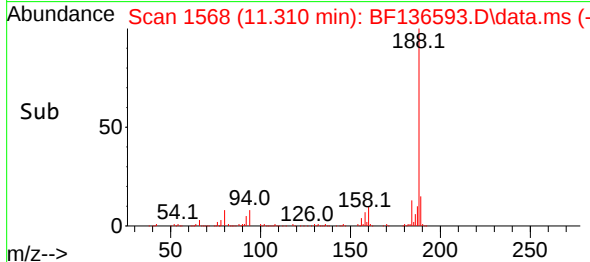
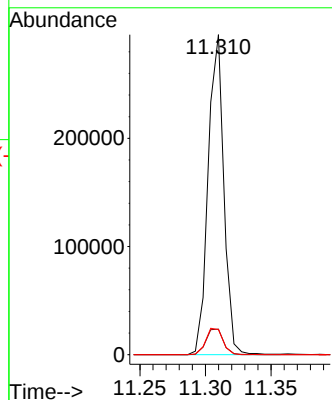
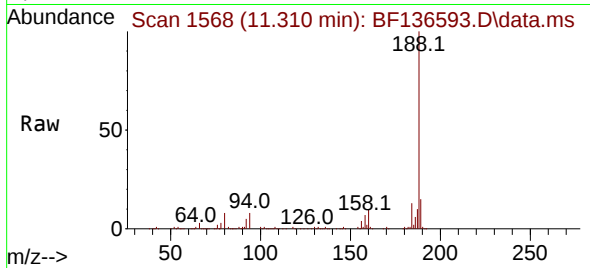




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136593.D
Acq: 15 Dec 2023 15:21

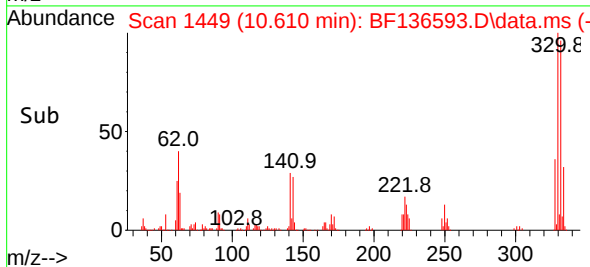
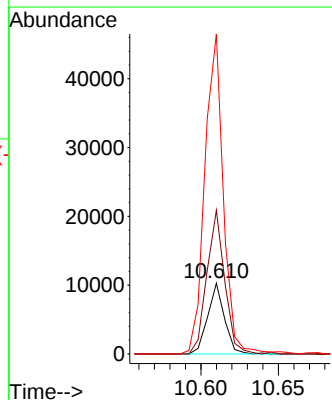
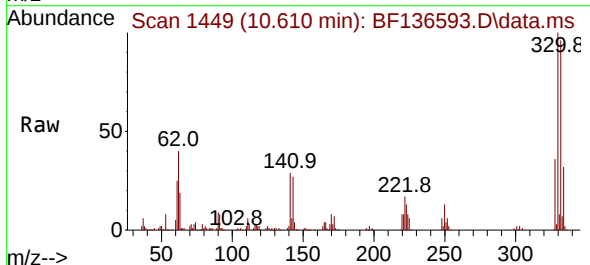
Instrument :
BNA_F
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SP-COMP-3

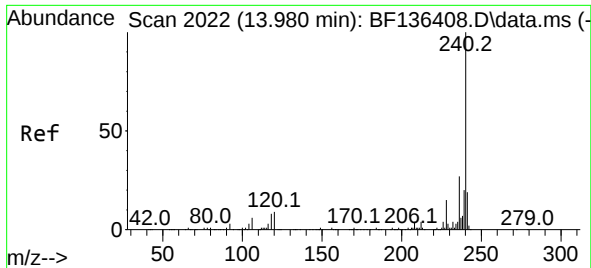
Tgt Ion:188 Resp: 246970
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 7.8 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 2.699 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.253 min
Lab File: BF136593.D
Acq: 15 Dec 2023 15:21

Tgt Ion:248 Resp: 7751
Ion Ratio Lower Upper
248 100
250 203.1 76.2 114.2#
141 452.4 51.0 76.4#

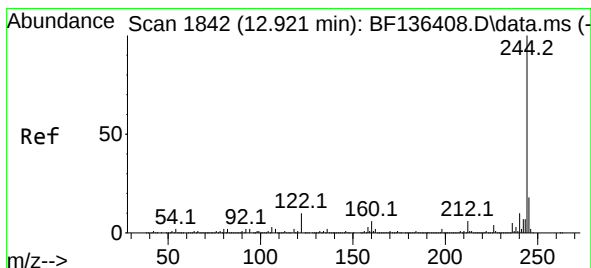
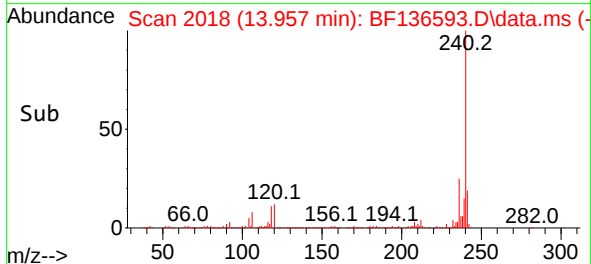
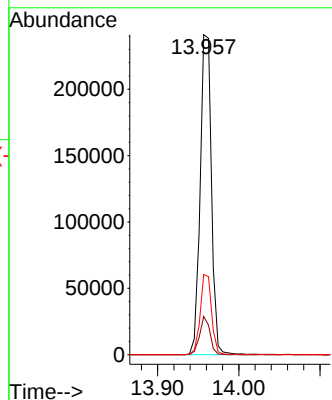
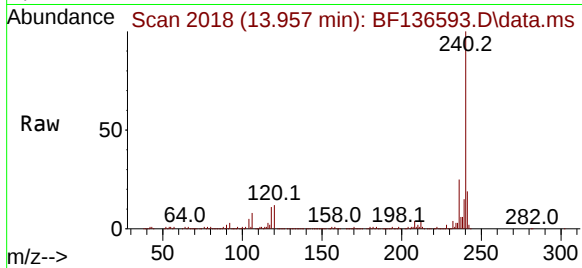




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF136593.D
Acq: 15 Dec 2023 15:21

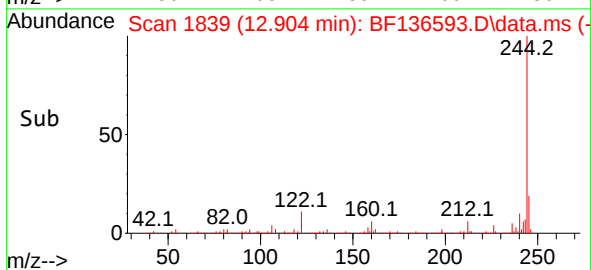
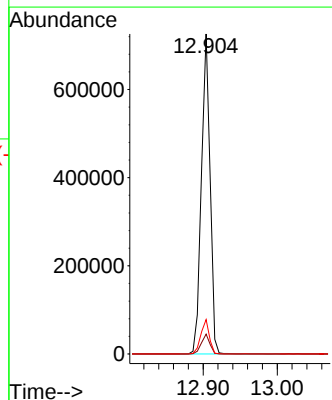
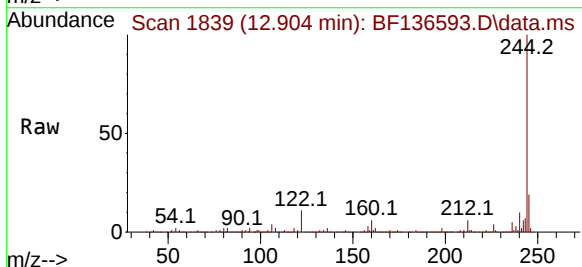
Instrument :
BNA_F
ClientSampleId :
SP-COMP-3

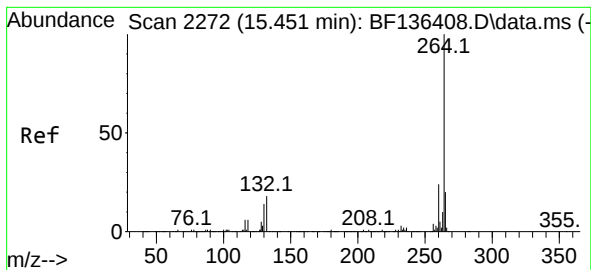
Tgt Ion:240 Resp: 233738
Ion Ratio Lower Upper
240 100
120 12.0 7.3 10.9#
236 25.1 21.3 31.9



#79
Terphenyl-d14
Concen: 33.356 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF136593.D
Acq: 15 Dec 2023 15:21

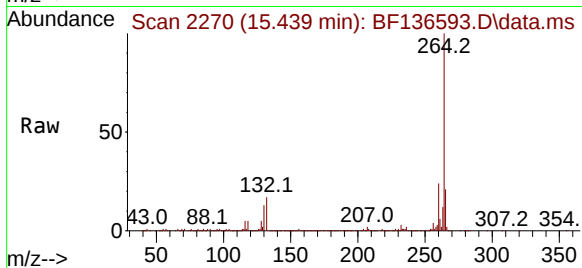
Tgt Ion:244 Resp: 591531
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 10.7 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136593.D
Acq: 15 Dec 2023 15:21

Instrument :
BNA_F
ClientSampleId :
SP-COMP-3



Tgt Ion:264 Resp: 228577

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.2	15.9	23.9

