

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136681.D
 Acq On : 22 Dec 2023 12:22
 Operator : CG\JU
 Sample : PB157641BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 12:49:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

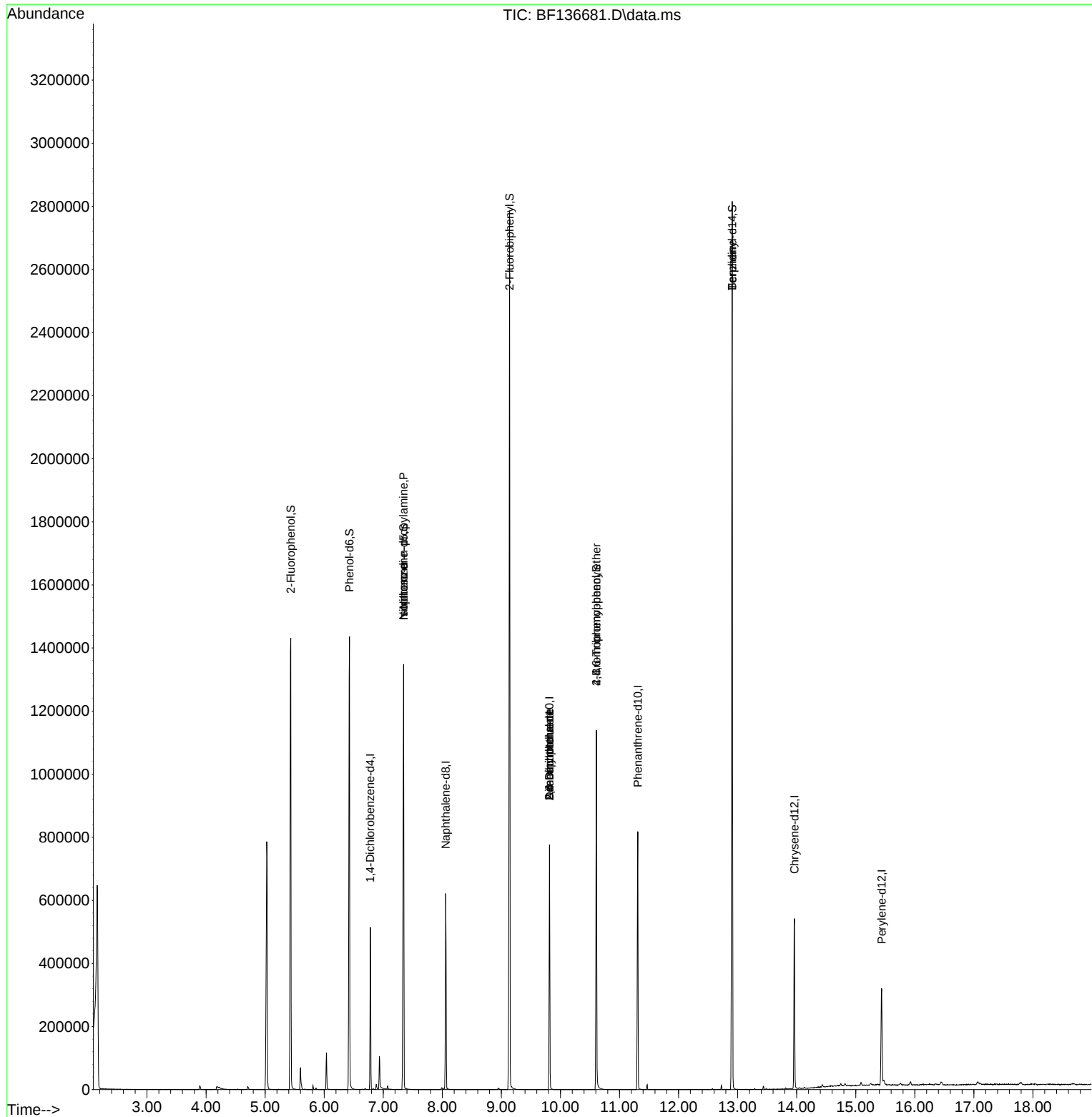
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	71143	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	278795	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	148473	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	301649	20.000	ng	0.00
76) Chrysene-d12	13.963	240	193152	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	152424	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	401193	87.988	ng	0.00
7) Phenol-d6	6.428	99	499974	84.624	ng	-0.01
23) Nitrobenzene-d5	7.345	82	447397	82.117	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	140874	80.564	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	900206	81.548	ng	-0.01
79) Terphenyl-d14	12.910	244	1061470	76.798	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	58942	16.457	ng	# 75
25) Isophorone	7.345	82	444762	44.863	ng	# 65
50) Dimethylphthalate	9.816	163	28667	2.643	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	18445	7.494	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	18445	5.773	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	8320	2.484	ng	# 1
77) Benzidine	12.910	184	12479	2.191	ng	# 93

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

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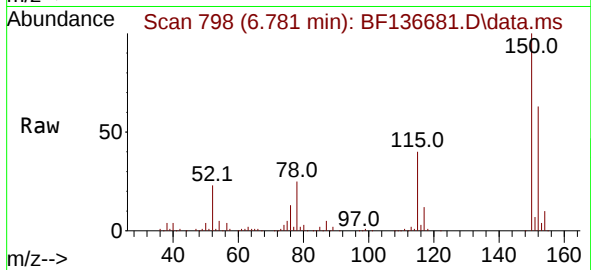
Quant Time: Dec 22 12:49:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration



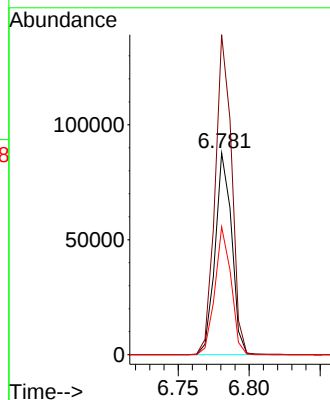
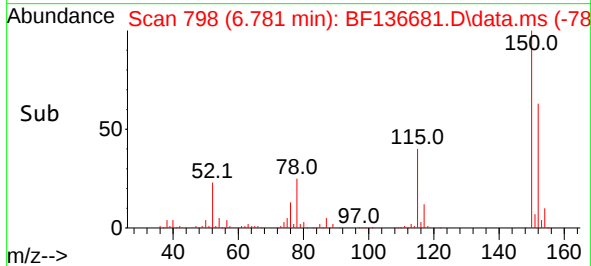


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136681.D
Acq: 22 Dec 2023 12:22

Instrument :
BNA_F
ClientSampleId :

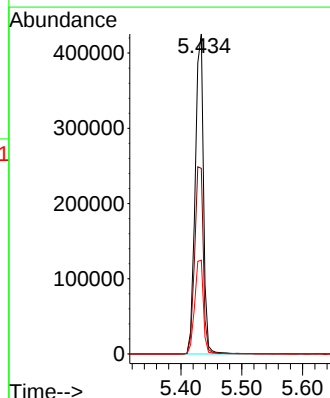
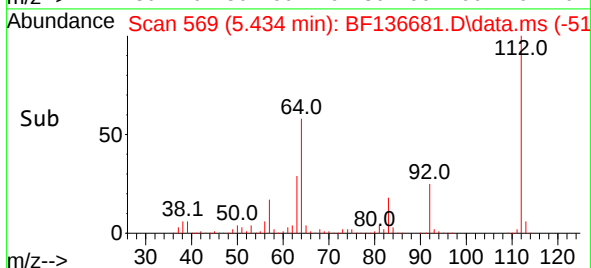
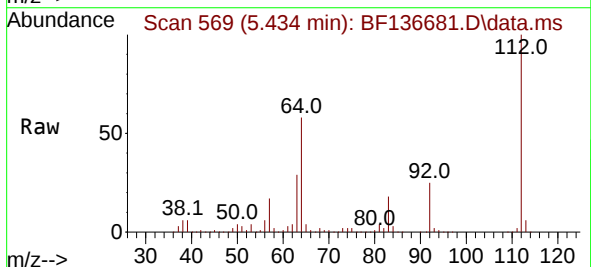


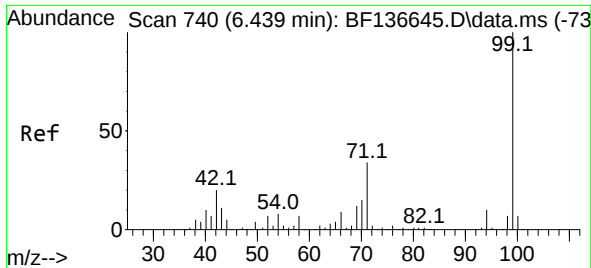
Tgt Ion:152 Resp: 71143
Ion Ratio Lower Upper
152 100
150 158.6 127.0 190.6
115 63.4 49.0 73.4



#5
2-Fluorophenol
Concen: 87.988 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136681.D
Acq: 22 Dec 2023 12:22

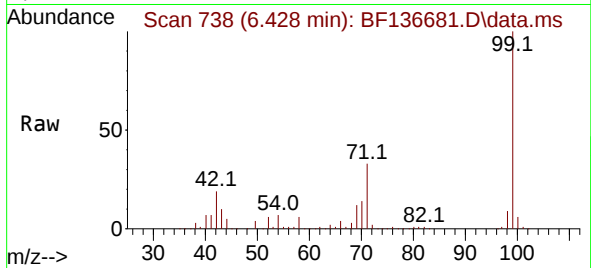
Tgt Ion:112 Resp: 401193
Ion Ratio Lower Upper
112 100
64 58.0 51.1 76.7
63 29.3 26.1 39.1



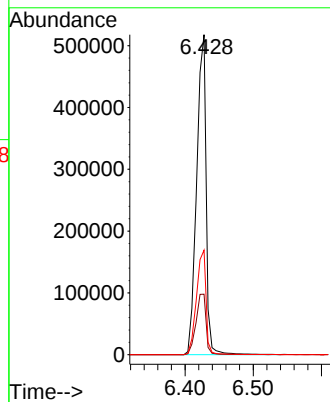
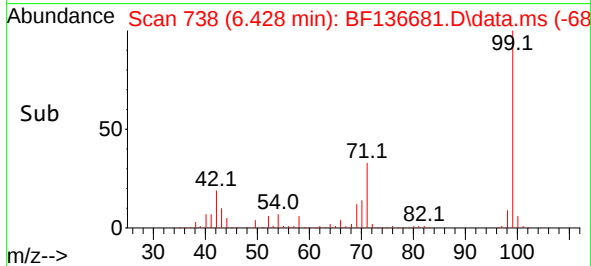


#7
Phenol-d6
Concen: 84.624 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136681.D
Acq: 22 Dec 2023 12:22

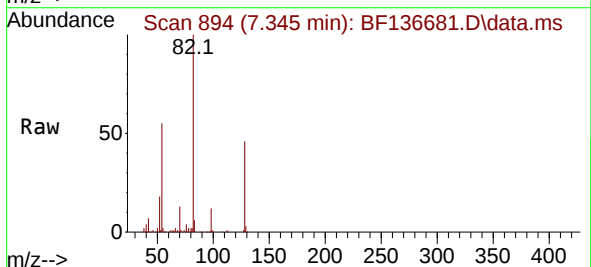
Instrument :
BNA_F
ClientSampleId :



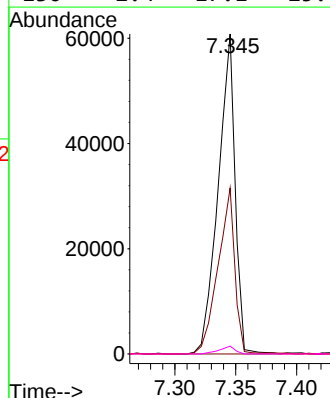
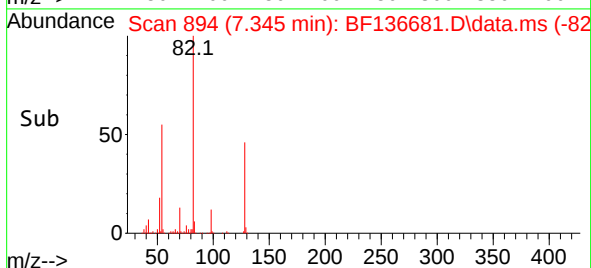
Tgt Ion: 99 Resp: 499974
Ion Ratio Lower Upper
99 100
42 18.9 16.1 24.1
71 32.6 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.457 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136681.D
Acq: 22 Dec 2023 12:22



Tgt Ion: 70 Resp: 58942
Ion Ratio Lower Upper
70 100
42 51.8 54.2 81.4#
101 0.0 7.6 11.4#
130 2.4 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.012 min

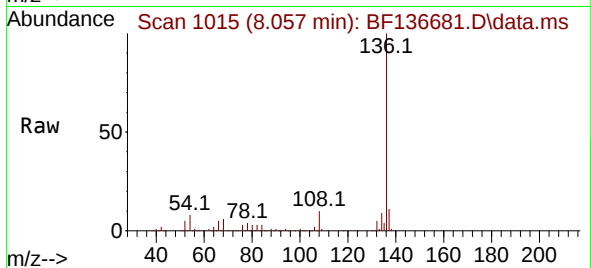
Lab File: BF136681.D

Acq: 22 Dec 2023 12:22

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 278795

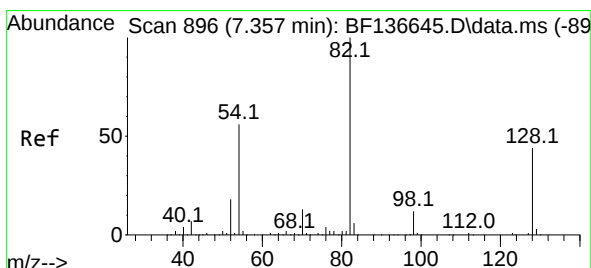
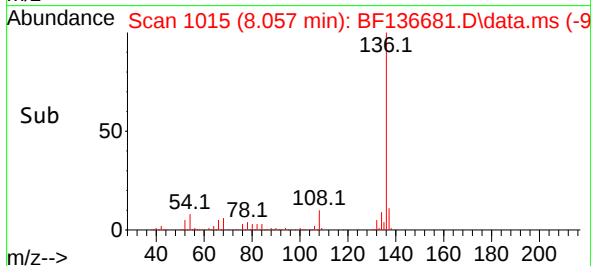
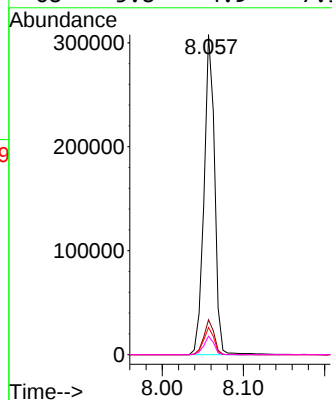
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 8.5 7.2 10.8

68 5.8 4.9 7.3



#23

Nitrobenzene-d5

Concen: 82.117 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136681.D

Acq: 22 Dec 2023 12:22

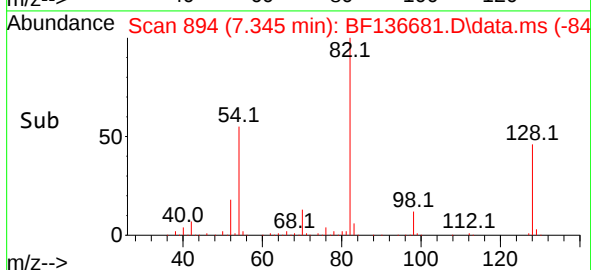
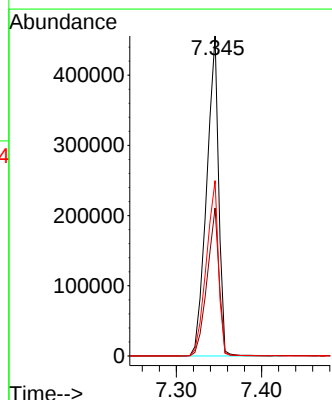
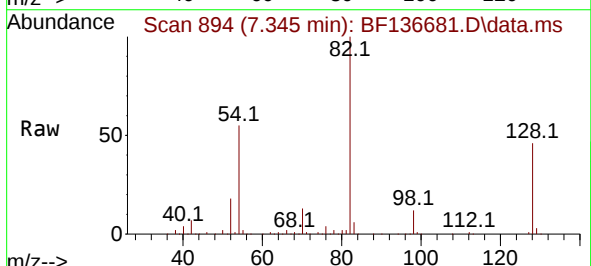
Tgt Ion: 82 Resp: 447397

Ion Ratio Lower Upper

82 100

128 46.2 35.3 52.9

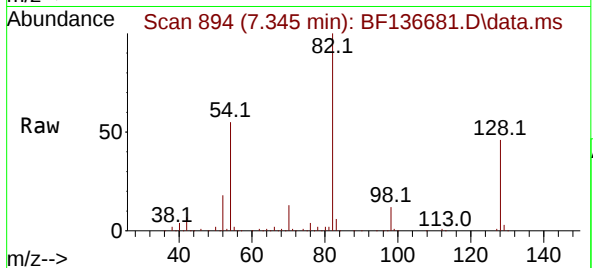
54 54.8 44.5 66.7



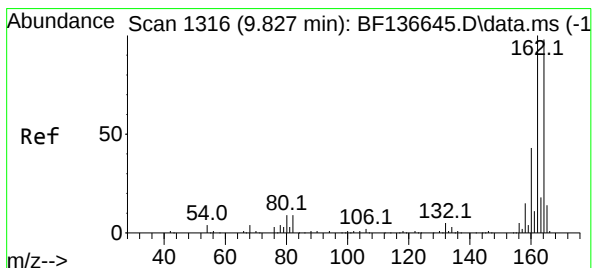
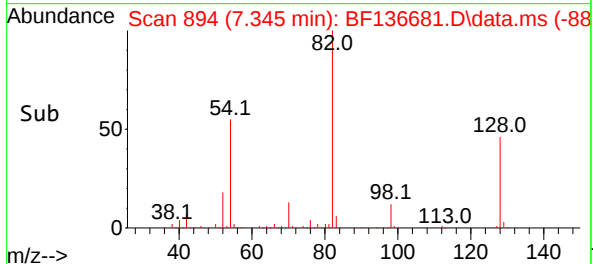
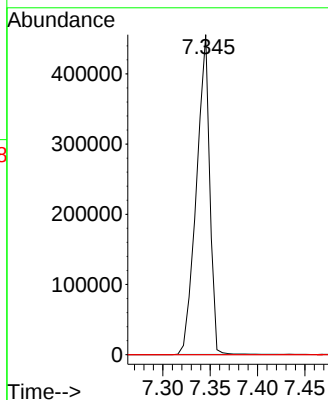


#25
Isophorone
Concen: 44.863 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF136681.D
Acq: 22 Dec 2023 12:22

Instrument :
BNA_F
ClientSampleId :

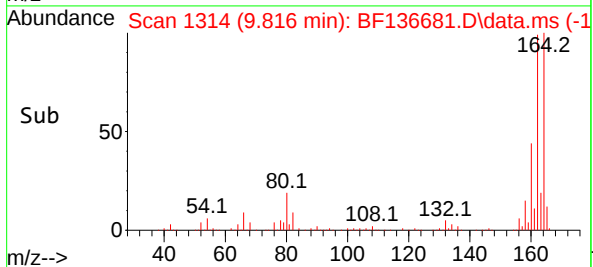
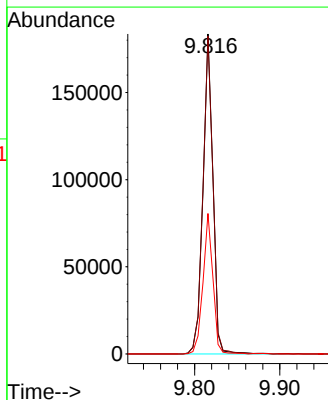
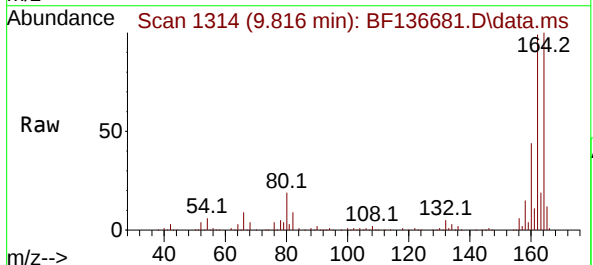


Tgt Ion: 82 Resp: 444762
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136681.D
Acq: 22 Dec 2023 12:22

Tgt Ion:164 Resp: 148473
Ion Ratio Lower Upper
164 100
162 99.4 81.6 122.4
160 43.9 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 80.564 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

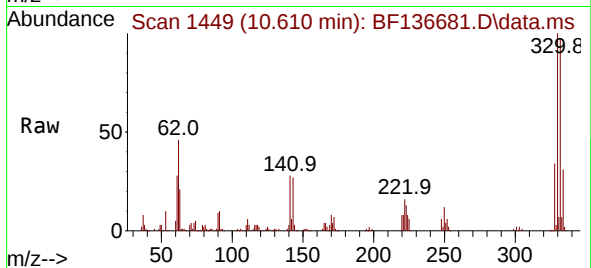
Lab File: BF136681.D

Acq: 22 Dec 2023 12:22

Instrument :

BNA_F

ClientSampleId :



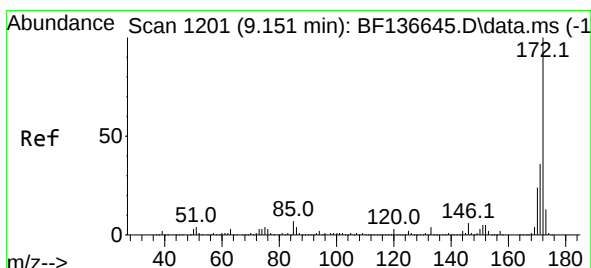
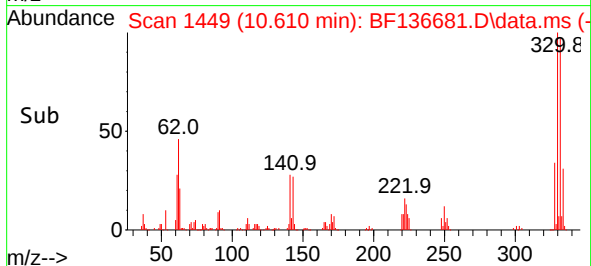
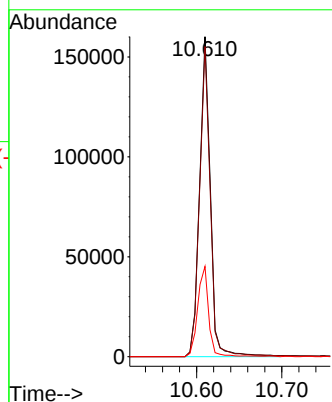
Tgt Ion:330 Resp: 140874

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

141 28.8 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 81.548 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136681.D

Acq: 22 Dec 2023 12:22

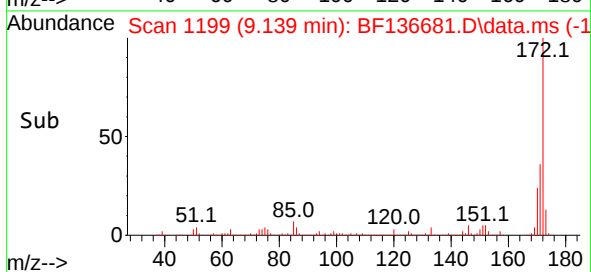
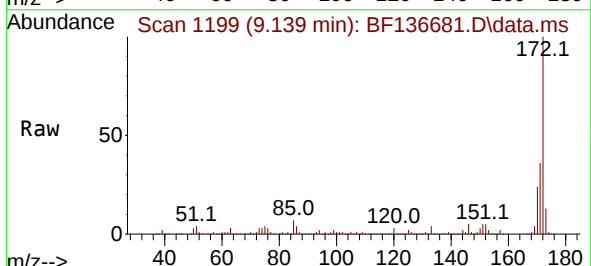
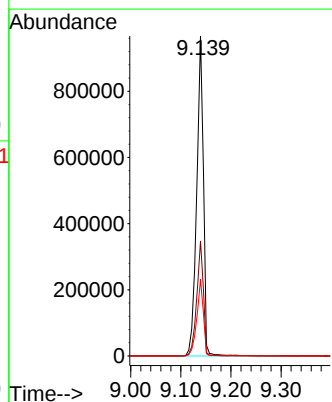
Tgt Ion:172 Resp: 900206

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

170 23.9 19.0 28.4

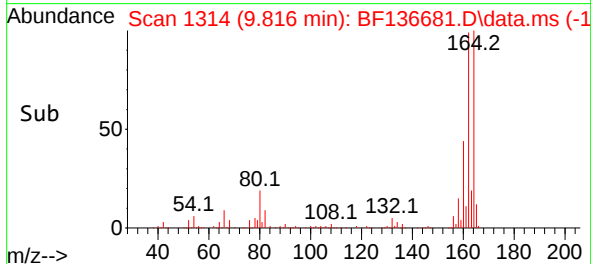
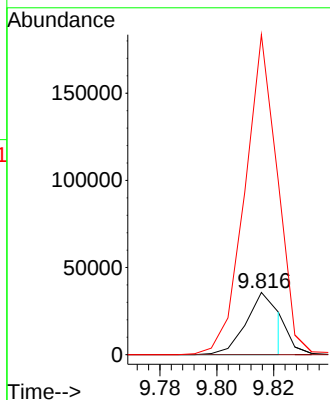
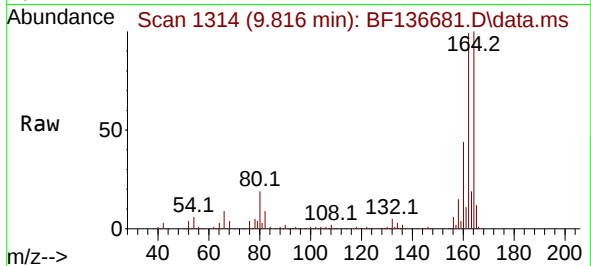




#50
Dimethylphthalate
Concen: 2.643 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136681.D
Acq: 22 Dec 2023 12:22

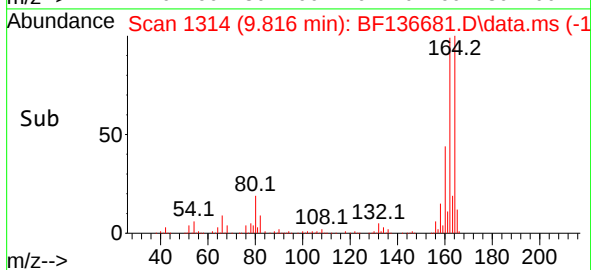
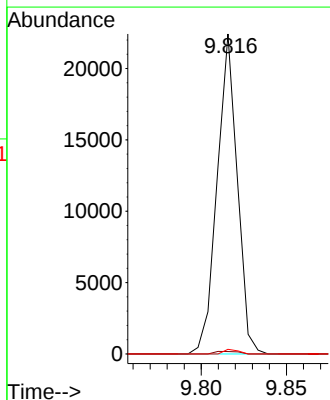
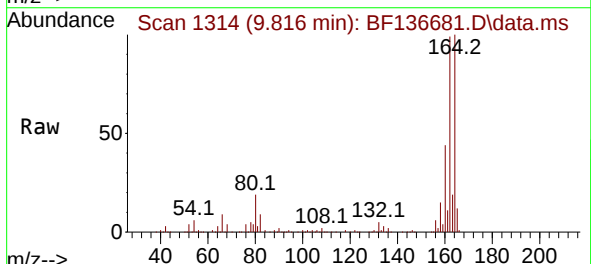
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 28667
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 514.3 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.494 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136681.D
Acq: 22 Dec 2023 12:22

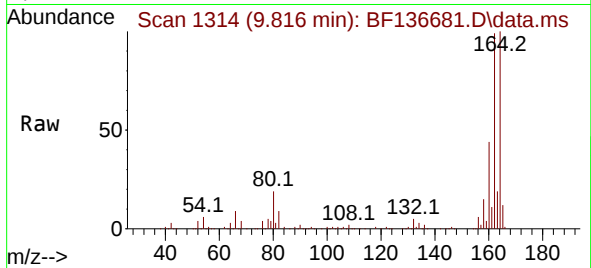
Tgt Ion:165 Resp: 18445
Ion Ratio Lower Upper
165 100
63 0.8 39.8 59.6#
89 1.5 38.8 58.2#



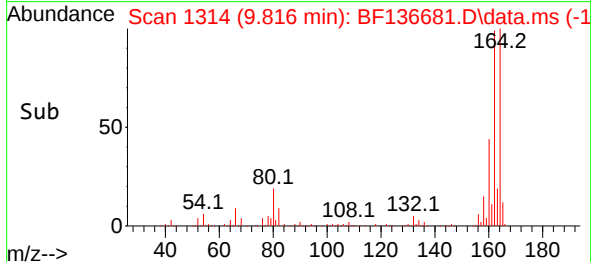
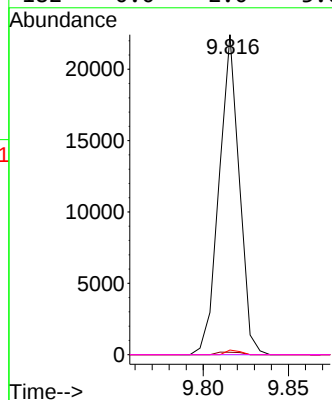


#57
2,4-Dinitrotoluene
Concen: 5.773 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136681.D
Acq: 22 Dec 2023 12:22

Instrument :
BNA_F
ClientSampleId :

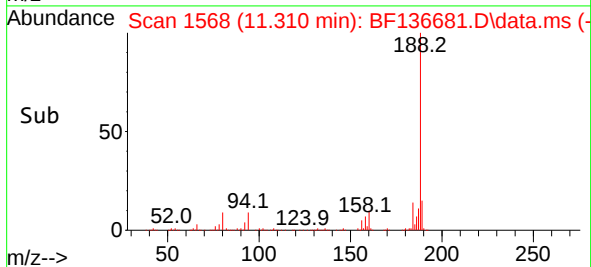
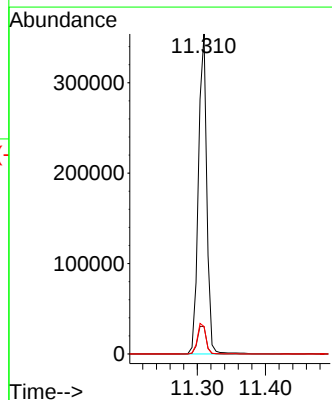
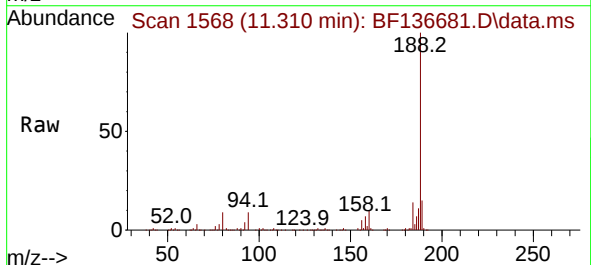


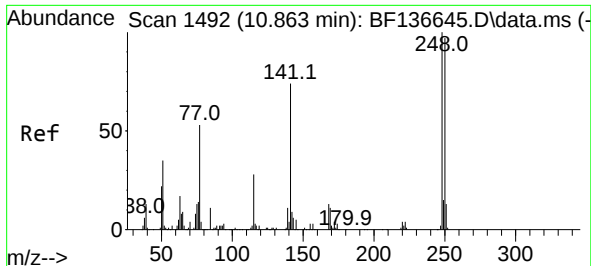
Tgt Ion:165 Resp: 18445
Ion Ratio Lower Upper
165 100
63 0.8 41.0 61.6#
89 1.5 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136681.D
Acq: 22 Dec 2023 12:22

Tgt Ion:188 Resp: 301649
Ion Ratio Lower Upper
188 100
94 8.6 7.5 11.3
80 8.6 8.1 12.1

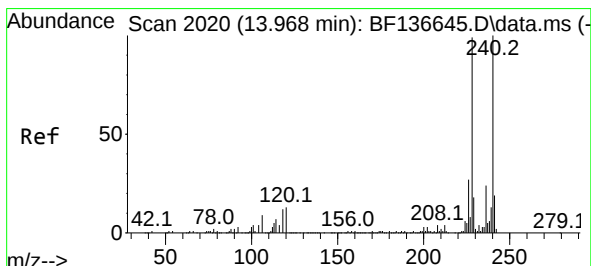
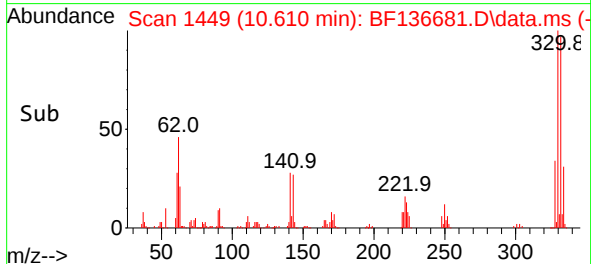
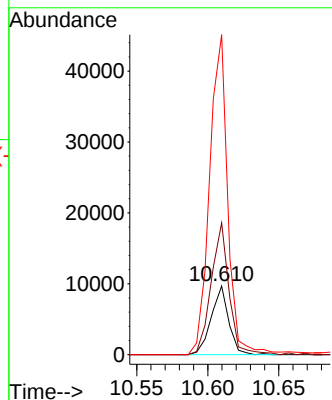
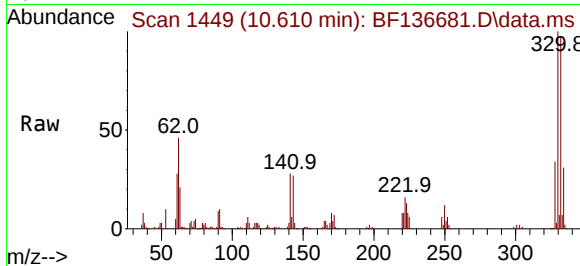




#67
4-Bromophenyl-phenylether
Concen: 2.484 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136681.D
Acq: 22 Dec 2023 12:22

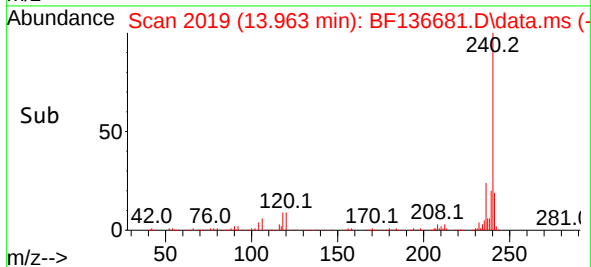
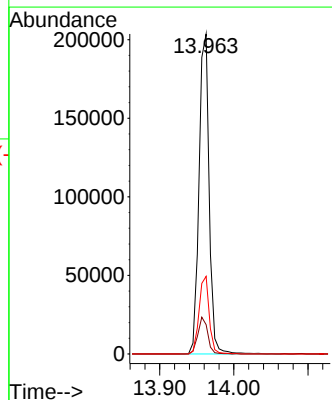
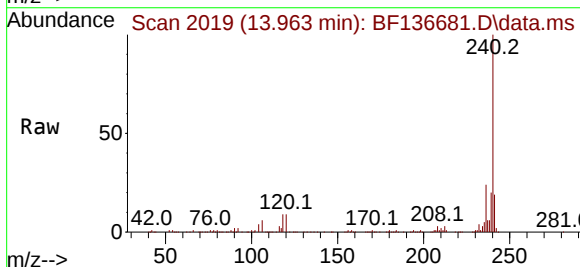
Instrument :
BNA_F
ClientSampleId :

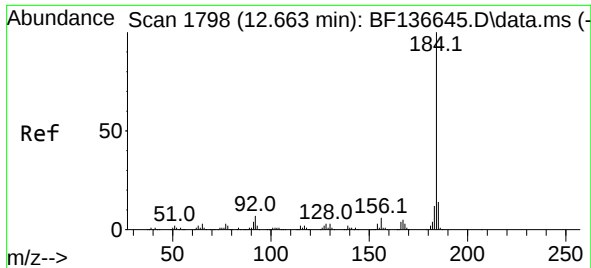
Tgt Ion:248 Resp: 8320
Ion Ratio Lower Upper
248 100
250 192.4 77.8 116.6#
141 466.7 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136681.D
Acq: 22 Dec 2023 12:22

Tgt Ion:240 Resp: 193152
Ion Ratio Lower Upper
240 100
120 9.2 10.3 15.5#
236 24.2 19.4 29.2

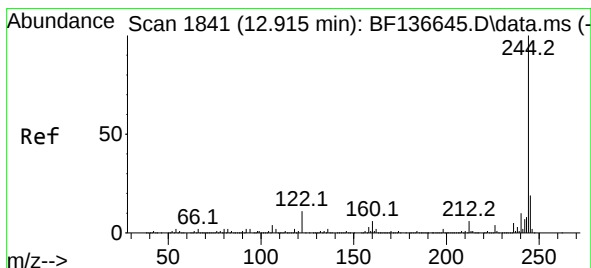
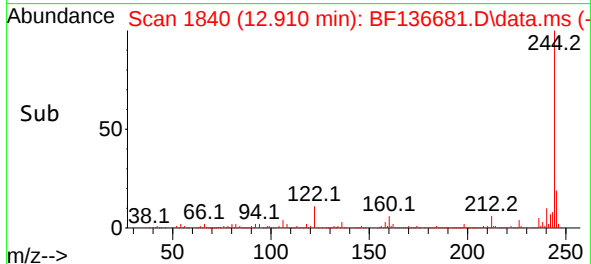
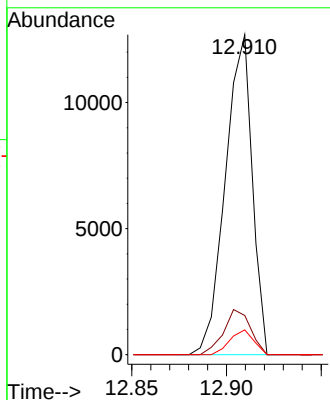
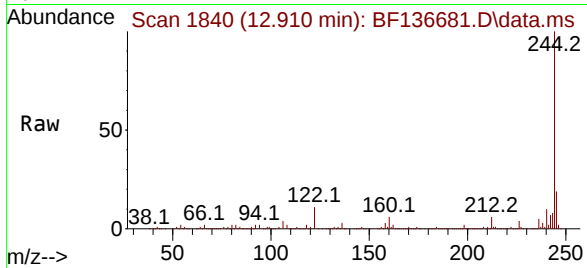




#77
Benzidine
Concen: 2.191 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.247 min
Lab File: BF136681.D
Acq: 22 Dec 2023 12:22

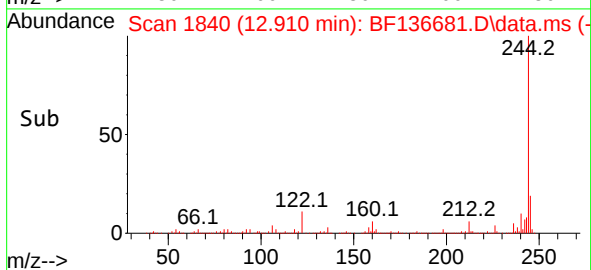
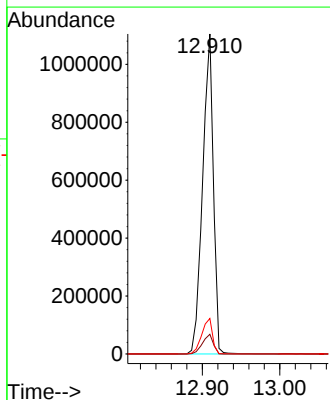
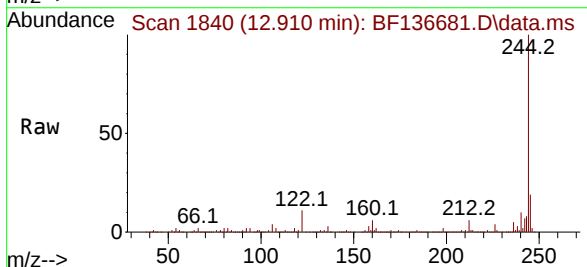
Instrument :
BNA_F
ClientSampleId :

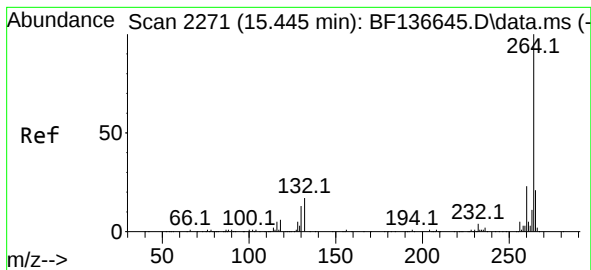
Tgt Ion:184 Resp: 12479
Ion Ratio Lower Upper
184 100
185 12.3 11.2 16.8
183 7.7 9.3 13.9#



#79
Terphenyl-d14
Concen: 76.798 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF136681.D
Acq: 22 Dec 2023 12:22

Tgt Ion:244 Resp: 1061470
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 11.1 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136681.D
Acq: 22 Dec 2023 12:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 152424

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.3	27.5
265	20.0	17.0	25.6

