

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
 Data File : BF140899.D
 Acq On : 18 Dec 2024 12:19
 Operator : RC/JU
 Sample : PB165685BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165685BL

Quant Time: Dec 18 12:45:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

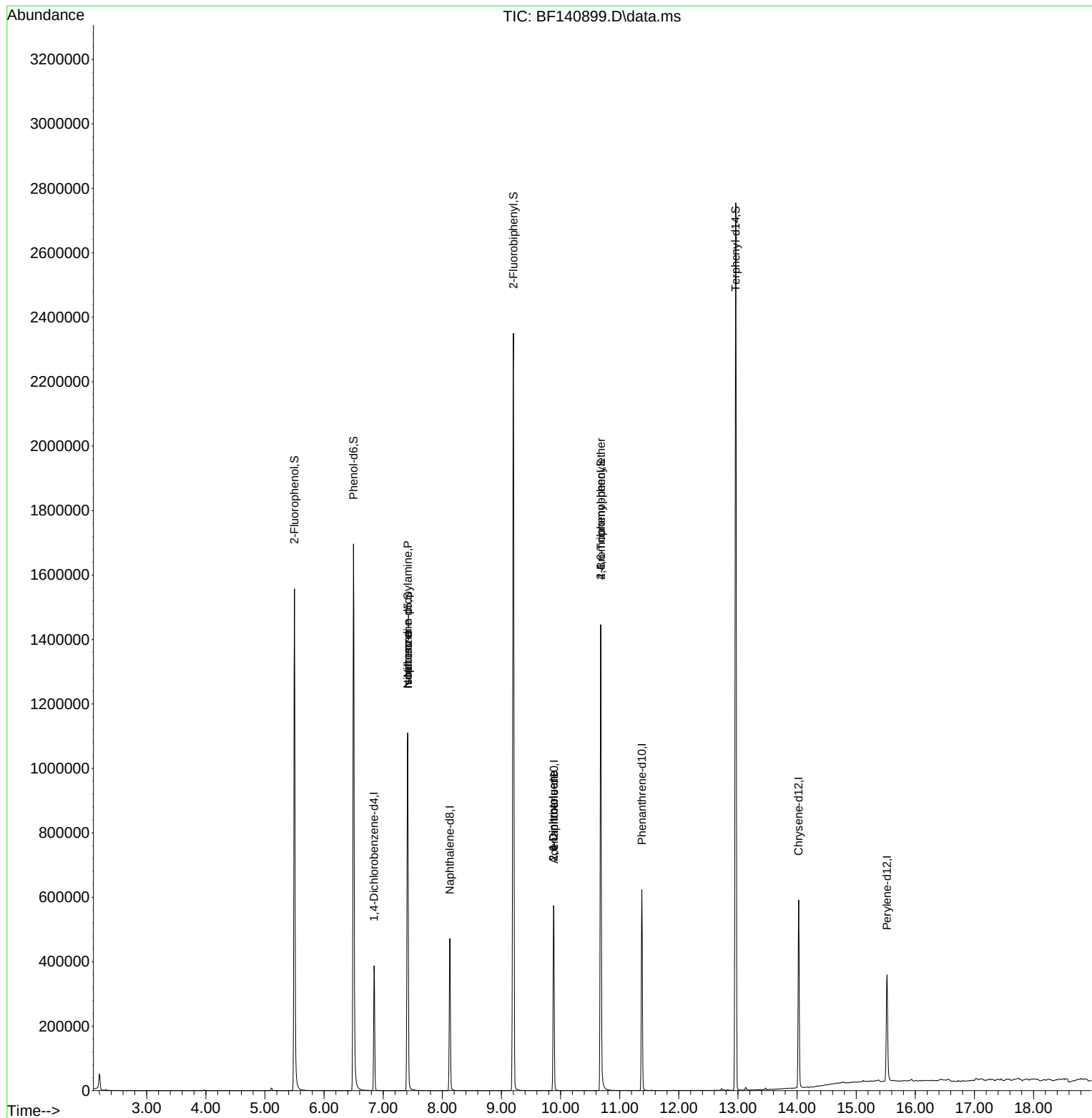
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	84840	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	321412	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	189285	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	347106	20.000	ng	0.00
76) Chrysene-d12	14.027	240	285085	20.000	ng	0.00
86) Perylene-d12	15.521	264	214088	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	625645	121.396	ng	0.01
7) Phenol-d6	6.498	99	881313	129.108	ng	0.00
23) Nitrobenzene-d5	7.416	82	564739	87.907	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	274207	122.485	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1158103	84.117	ng	0.00
79) Terphenyl-d14	12.963	244	1414555	78.242	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.416	70	74879	18.287	ng	# 77
25) Isophorone	7.416	82	557260	51.770	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	23638	7.748	ng	# 21
57) 2,4-Dinitrotoluene	9.880	165	23638	5.889	ng	# 16
67) 4-Bromophenyl-phenylether	10.680	248	17077	4.398	ng	# 1

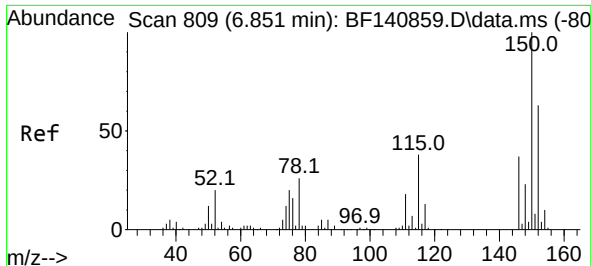
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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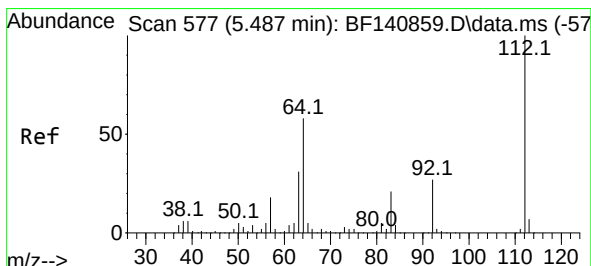
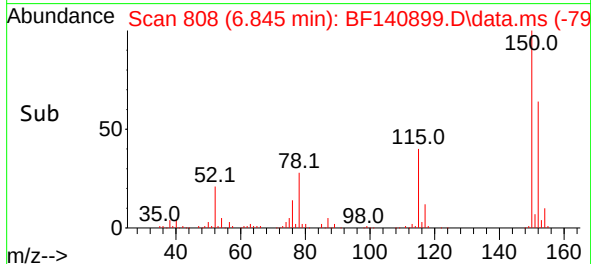
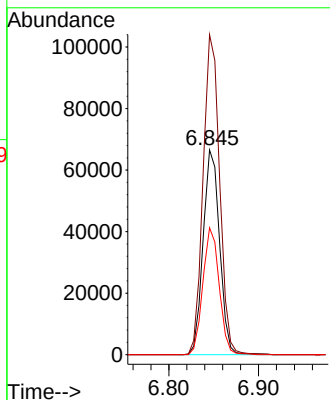
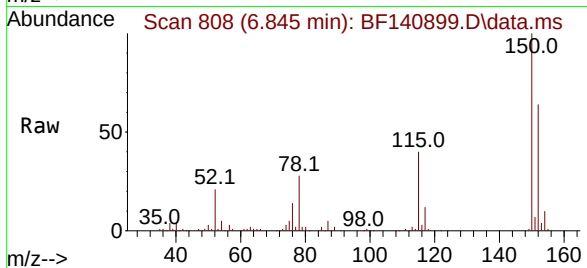




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140899.D
Acq: 18 Dec 2024 12:19

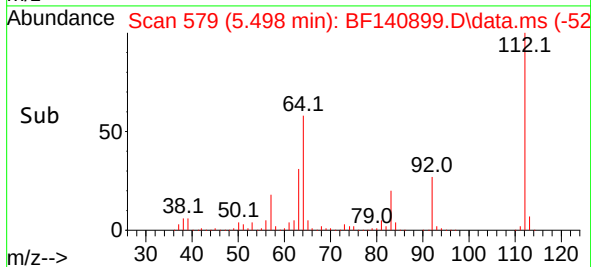
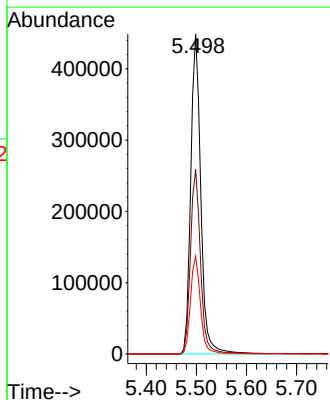
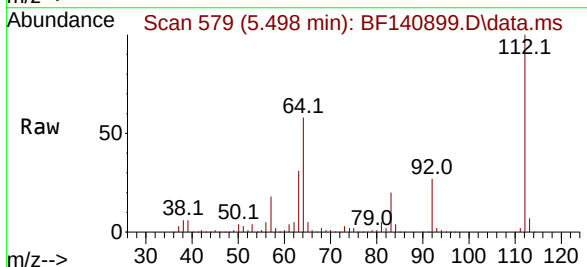
Instrument :
BNA_F
ClientSampleId :
PB165685BL

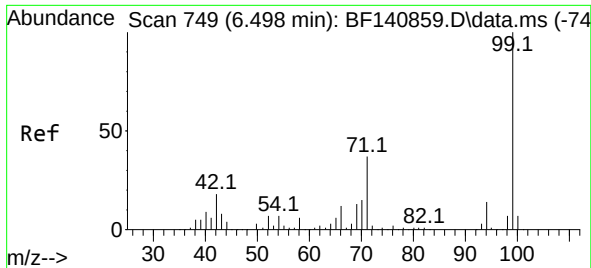
Tgt Ion:152 Resp: 84840
Ion Ratio Lower Upper
152 100
150 156.3 127.9 191.9
115 62.0 48.0 72.0



#5
2-Fluorophenol
Concen: 121.396 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140899.D
Acq: 18 Dec 2024 12:19

Tgt Ion:112 Resp: 625645
Ion Ratio Lower Upper
112 100
64 57.6 46.1 69.1
63 30.5 24.9 37.3

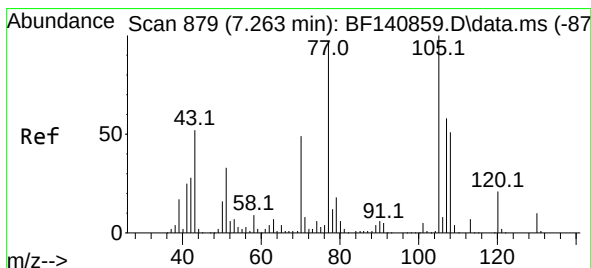
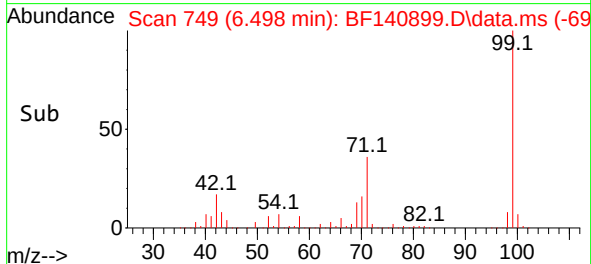
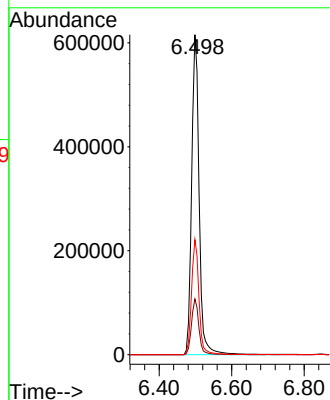
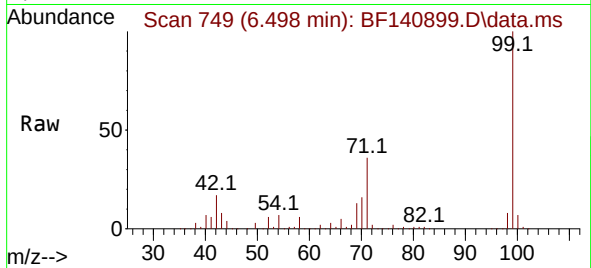




#7
Phenol-d6
Concen: 129.108 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF140899.D
Acq: 18 Dec 2024 12:19

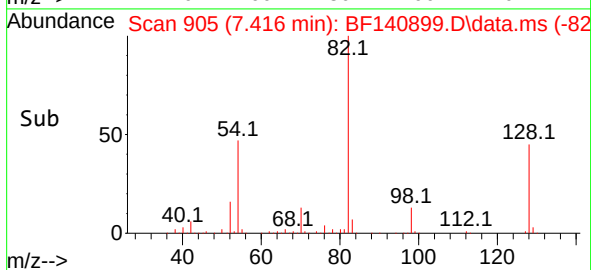
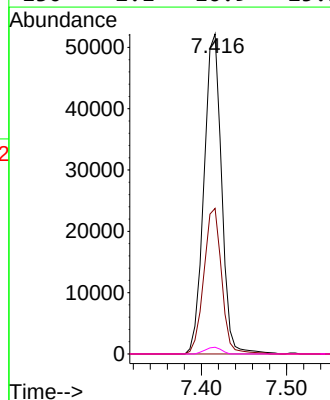
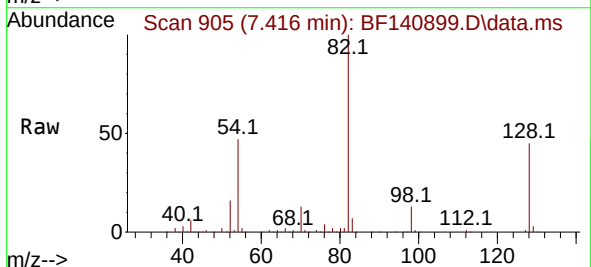
Instrument :
BNA_F
ClientSampleId :
PB165685BL

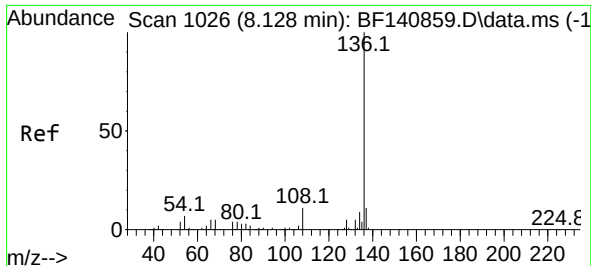
Tgt Ion: 99 Resp: 881313
Ion Ratio Lower Upper
99 100
42 17.4 14.3 21.5
71 36.0 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.287 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.153 min
Lab File: BF140899.D
Acq: 18 Dec 2024 12:19

Tgt Ion: 70 Resp: 74879
Ion Ratio Lower Upper
70 100
42 45.5 45.3 67.9
101 0.0 8.0 12.0#
130 2.1 16.9 25.3#

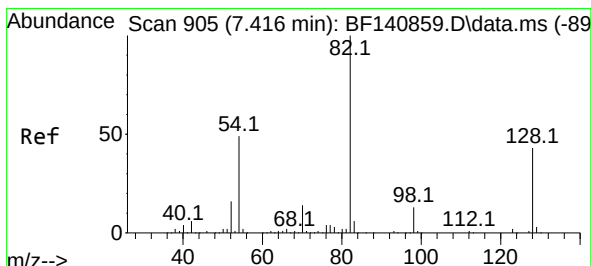
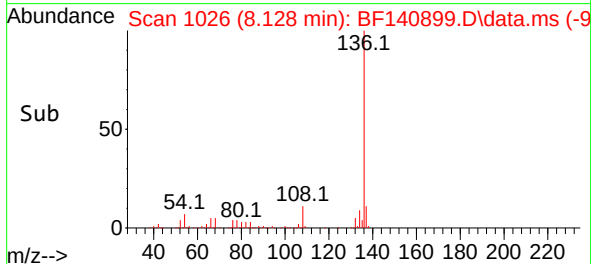
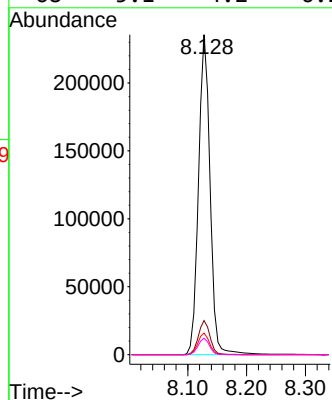
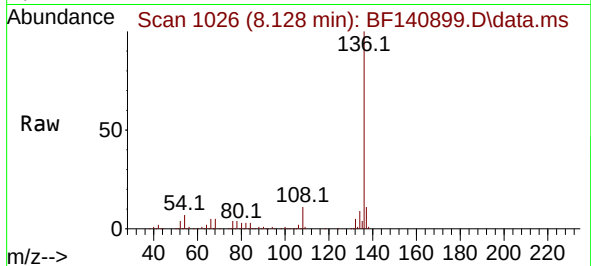




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140899.D
Acq: 18 Dec 2024 12:19

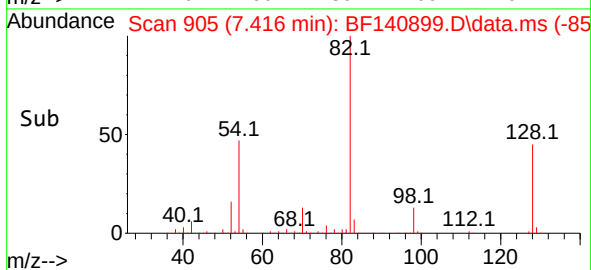
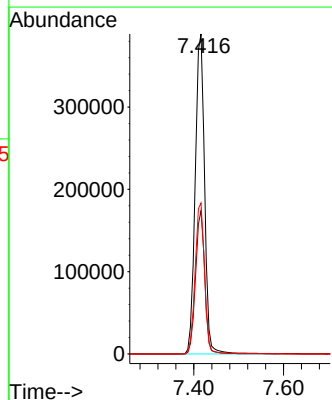
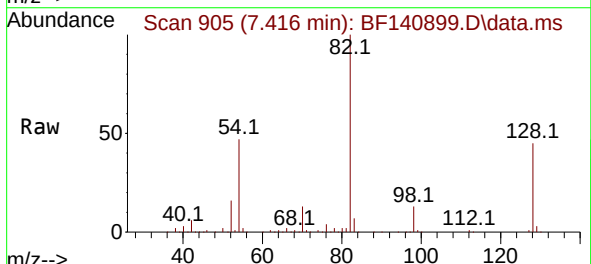
Instrument :
BNA_F
ClientSampleId :
PB165685BL

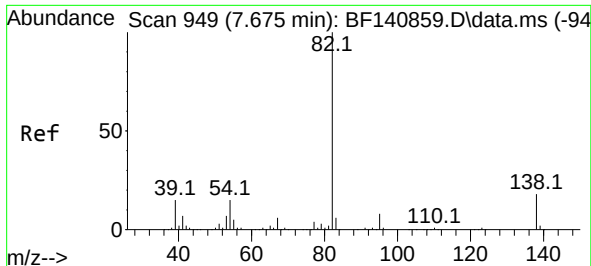
Tgt Ion:	136	Resp:	321412
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.8	5.6	8.4
68	5.1	4.2	6.2



#23
Nitrobenzene-d5
Concen: 87.907 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140899.D
Acq: 18 Dec 2024 12:19

Tgt Ion:	82	Resp:	564739
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.4	51.6
54	47.2	38.8	58.2

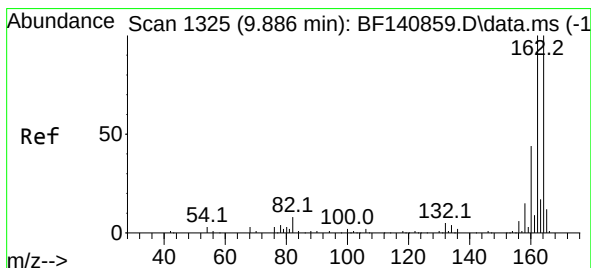
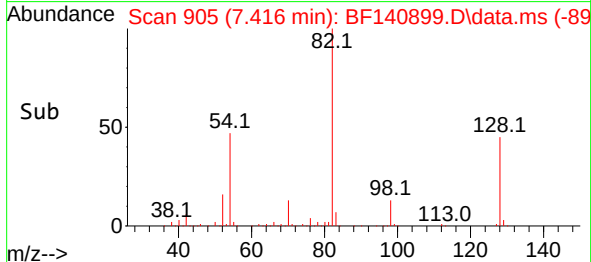
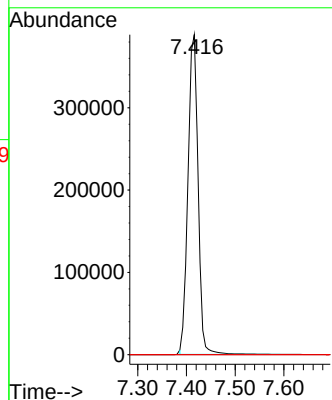
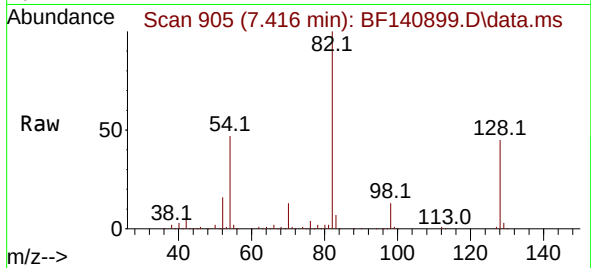




#25
Isophorone
Concen: 51.770 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.259 min
Lab File: BF140899.D
Acq: 18 Dec 2024 12:19

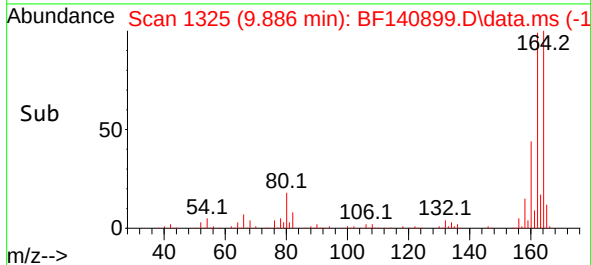
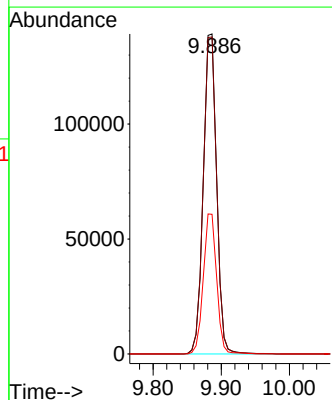
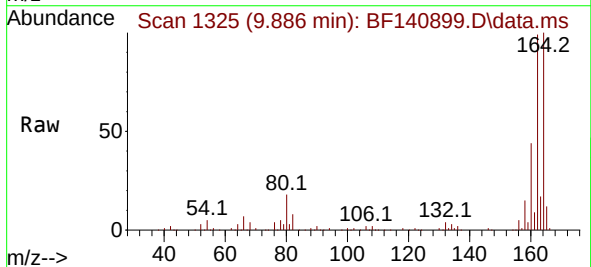
Instrument :
BNA_F
ClientSampleId :
PB165685BL

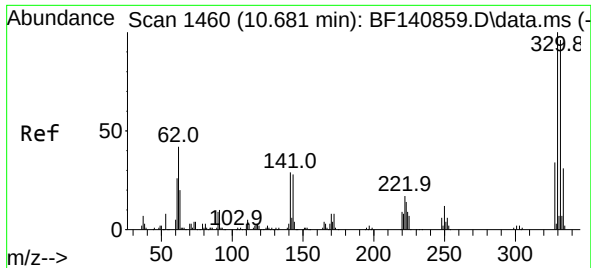
Tgt Ion: 82 Resp: 557260
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.1 21.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF140899.D
Acq: 18 Dec 2024 12:19

Tgt Ion:164 Resp: 189285
Ion Ratio Lower Upper
164 100
162 99.0 79.9 119.9
160 43.6 35.2 52.8

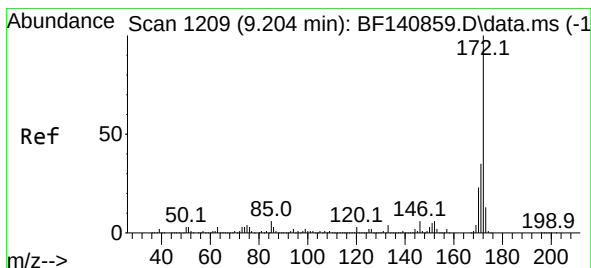
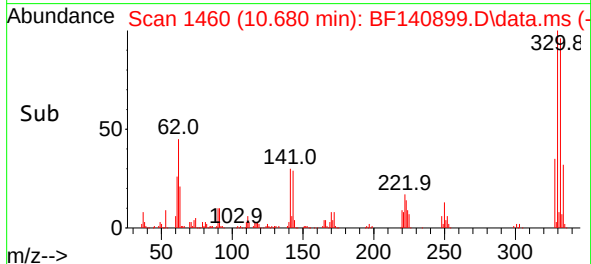
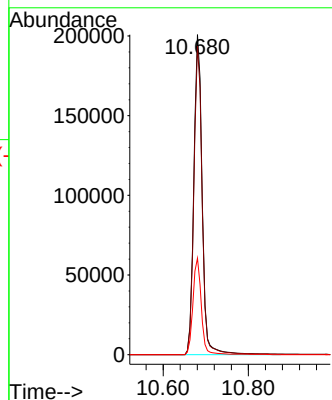
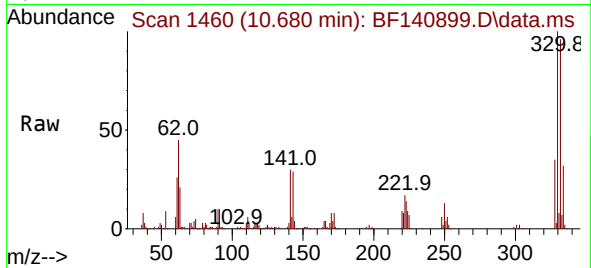




#42
2,4,6-Tribromophenol
Concen: 122.485 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140899.D
Acq: 18 Dec 2024 12:19

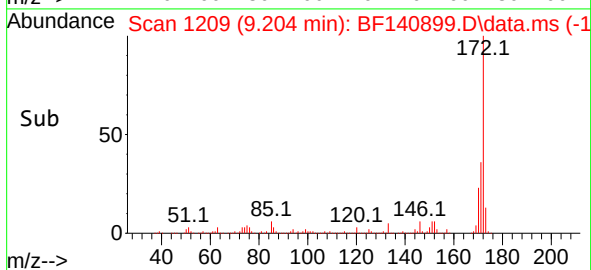
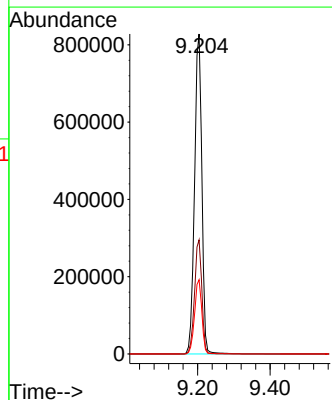
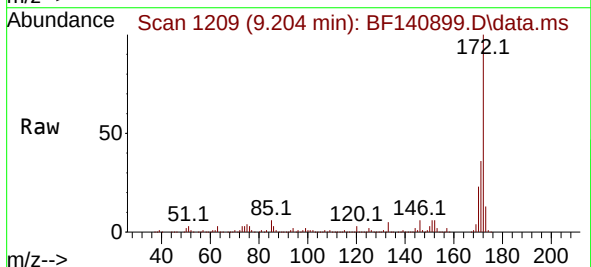
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BNA_F
ClientSampleId :
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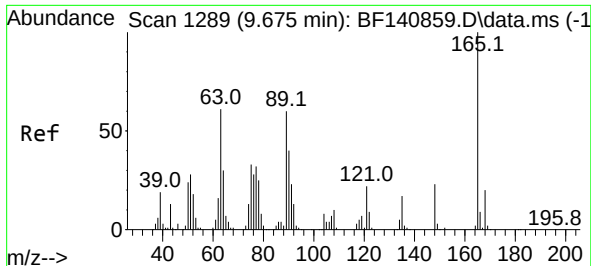
Tgt Ion:330 Resp: 274207
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 30.4 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 84.117 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140899.D
Acq: 18 Dec 2024 12:19

Tgt Ion:172 Resp: 1158103
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.2 18.6 28.0

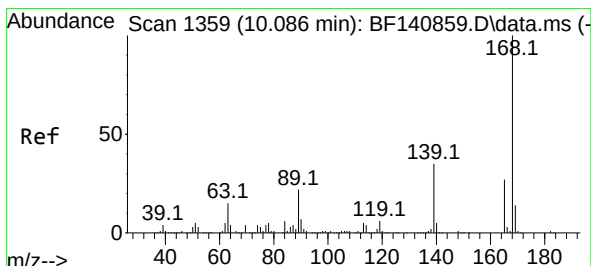
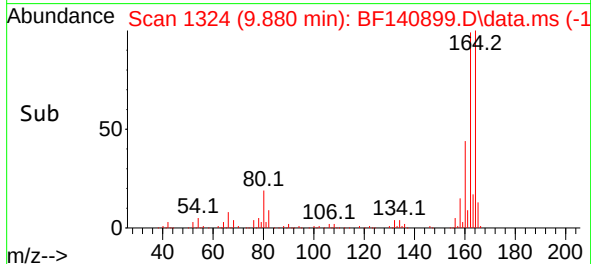
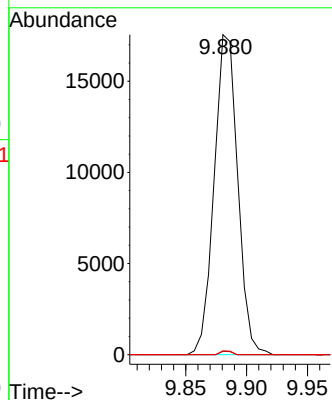
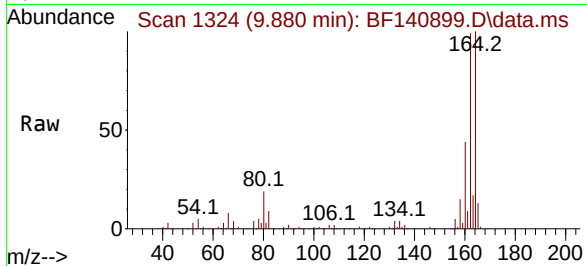




#51
2,6-Dinitrotoluene
Concen: 7.748 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140899.D
Acq: 18 Dec 2024 12:19

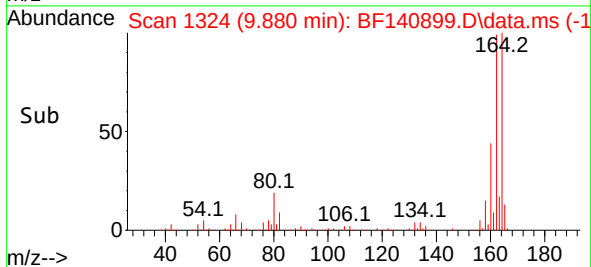
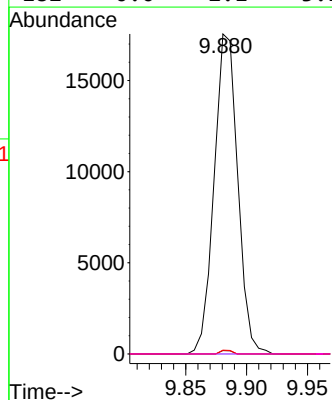
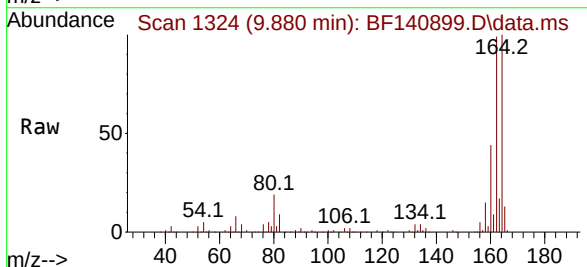
Instrument :
BNA_F
ClientSampleId :
PB165685BL

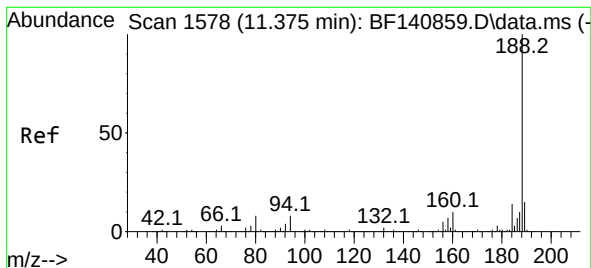
Tgt Ion:165 Resp: 23638
Ion Ratio Lower Upper
165 100
63 1.0 49.7 74.5#
89 1.2 48.2 72.4#



#57
2,4-Dinitrotoluene
Concen: 5.889 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.206 min
Lab File: BF140899.D
Acq: 18 Dec 2024 12:19

Tgt Ion:165 Resp: 23638
Ion Ratio Lower Upper
165 100
63 1.0 49.3 73.9#
89 1.2 66.2 99.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140899.D

Acq: 18 Dec 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB165685BL

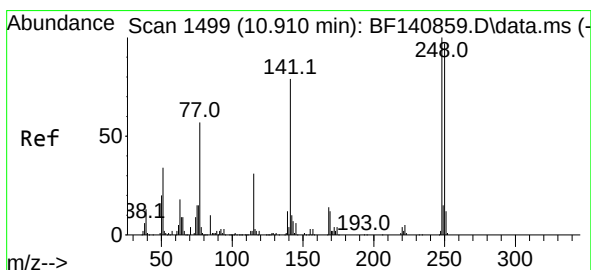
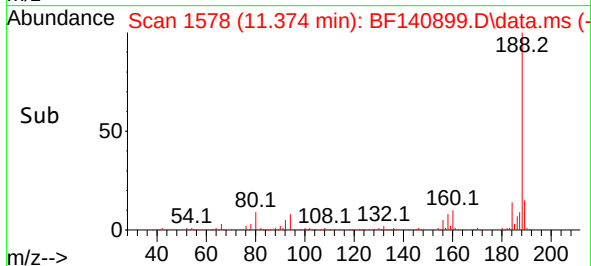
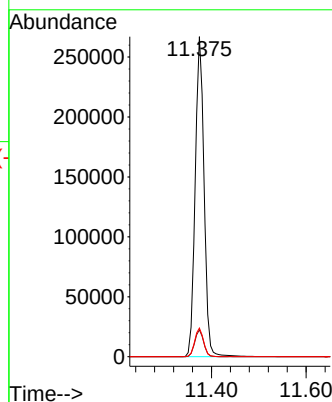
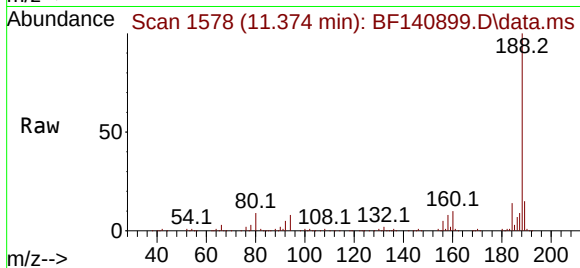
Tgt Ion:188 Resp: 347106

Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 9.0 6.8 10.2



#67

4-Bromophenyl-phenylether

Concen: 4.398 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.230 min

Lab File: BF140899.D

Acq: 18 Dec 2024 12:19

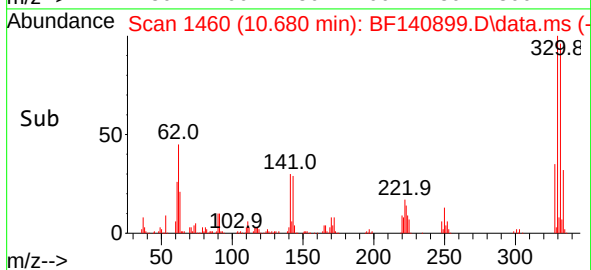
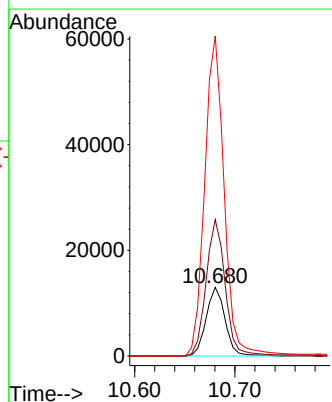
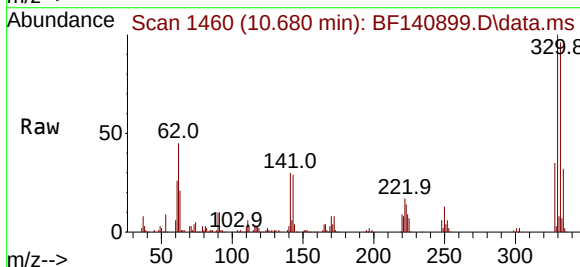
Tgt Ion:248 Resp: 17077

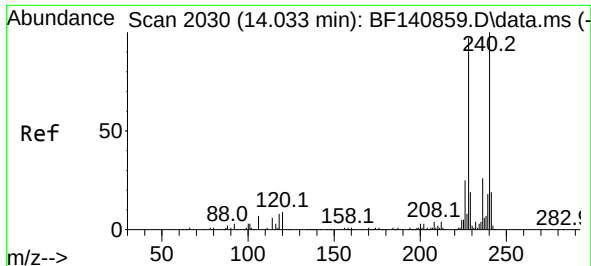
Ion Ratio Lower Upper

248 100

250 198.7 77.4 116.2#

141 466.5 62.9 94.3#

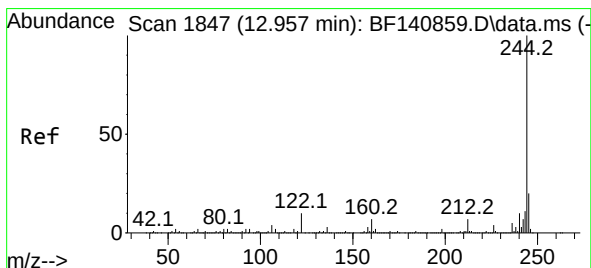
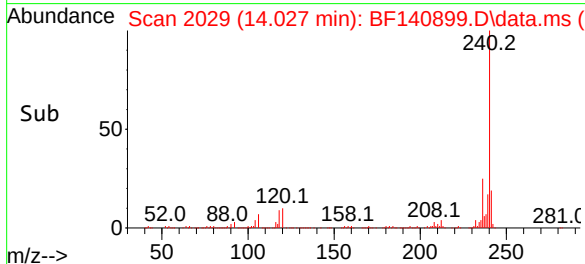
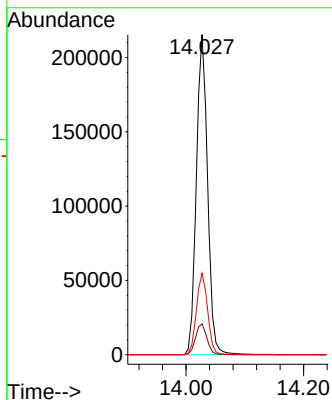
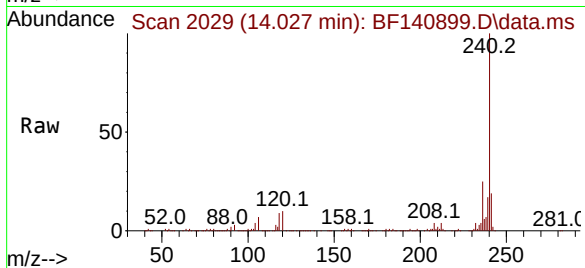




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF140899.D
Acq: 18 Dec 2024 12:19

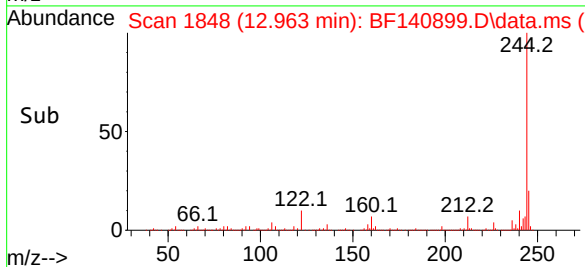
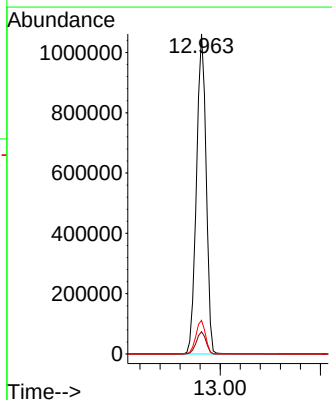
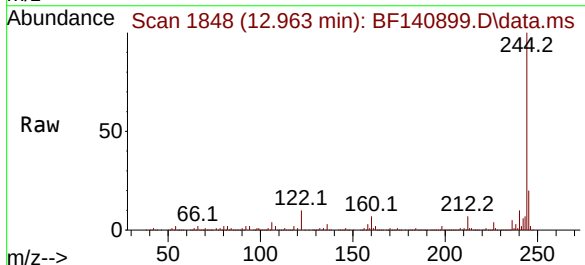
Instrument :
BNA_F
ClientSampleId :
PB165685BL

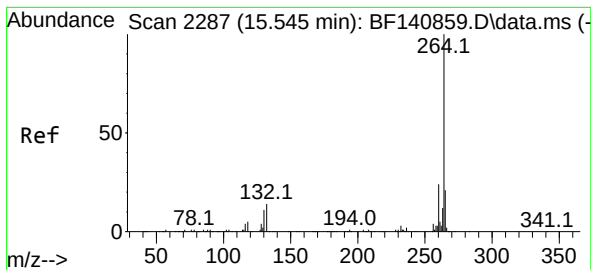
Tgt Ion:240 Resp: 285085
Ion Ratio Lower Upper
240 100
120 9.6 7.6 11.4
236 25.5 20.5 30.7



#79
Terphenyl-d14
Concen: 78.242 ng
RT: 12.963 min Scan# 1848
Delta R.T. 0.006 min
Lab File: BF140899.D
Acq: 18 Dec 2024 12:19

Tgt Ion:244 Resp: 1414555
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.5 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF140899.D
Acq: 18 Dec 2024 12:19

Instrument :
BNA_F
ClientSampleId :
PB165685BL

Tgt Ion:264 Resp: 214088

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	22.1	17.0	25.4

