

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140875.D
 Acq On : 17 Dec 2024 10:43
 Operator : RC/JU
 Sample : PB165623BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165623BL

Quant Time: Dec 17 11:16:49 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)

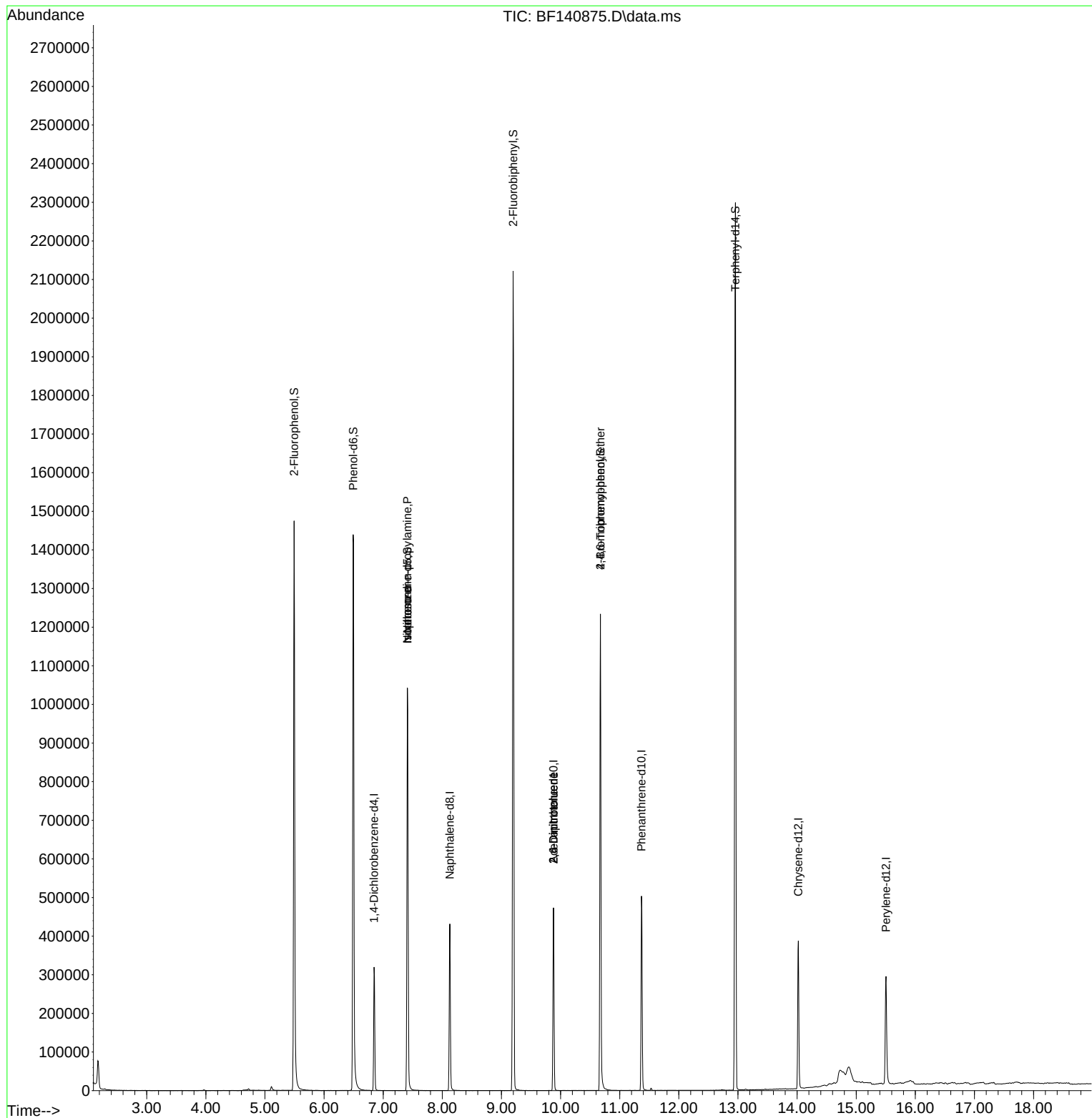
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	71046	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	290274	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	145205	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	290900	20.000	ng	0.00
76) Chrysene-d12	14.021	240	197228	20.000	ng	-0.01
86) Perylene-d12	15.504	264	182284	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	593615	137.545	ng	0.00
7) Phenol-d6	6.492	99	755612	132.185	ng	0.00
23) Nitrobenzene-d5	7.410	82	513636	88.529	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	224186	130.541	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	991479	93.877	ng	0.00
79) Terphenyl-d14	12.957	244	1148291	91.808	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	69389	20.236	ng	# 75
25) Isophorone	7.410	82	509628	52.424	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	18486	7.899	ng	# 20
57) 2,4-Dinitrotoluene	9.880	165	18486	6.003	ng	# 14
67) 4-Bromophenyl-phenylether	10.674	248	13982	4.296	ng	# 1

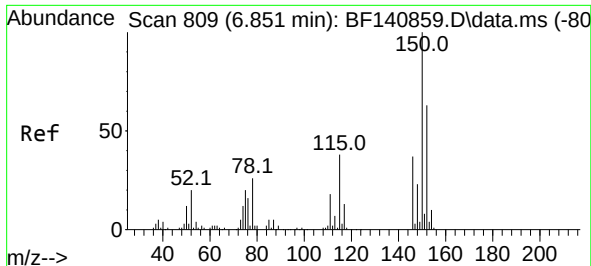
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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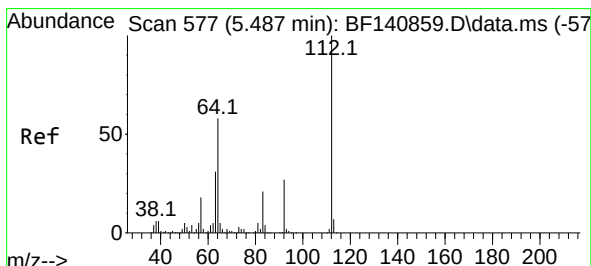
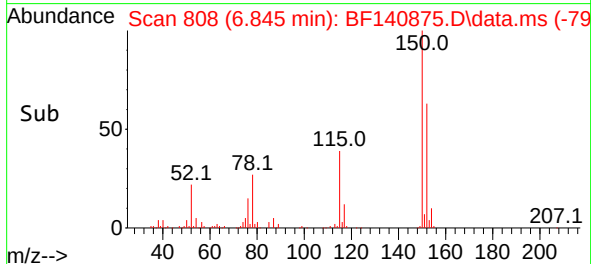
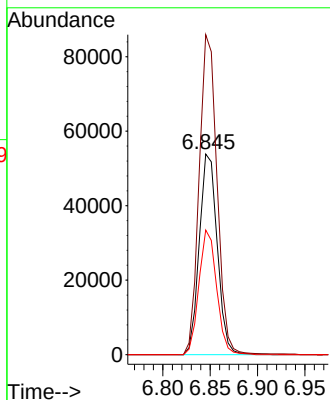
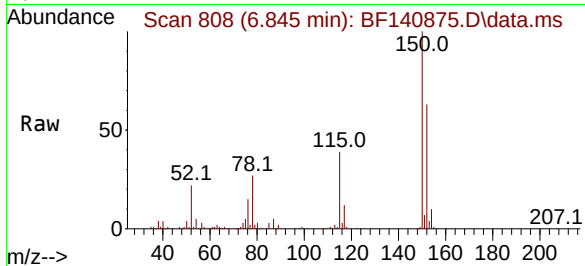




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140875.D
Acq: 17 Dec 2024 10:43

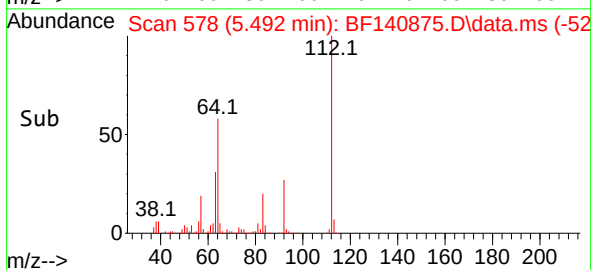
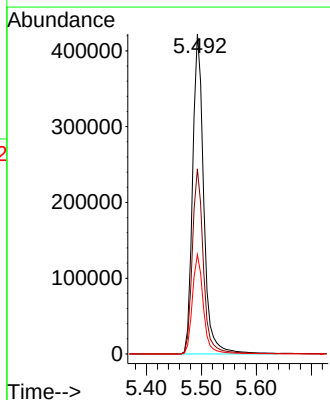
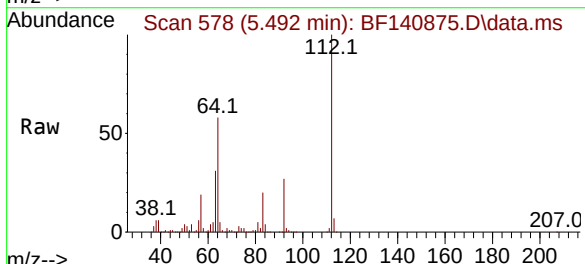
Instrument :
BNA_F
ClientSampleId :
PB165623BL

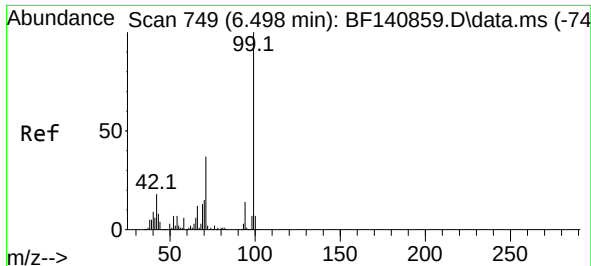
Tgt Ion:152 Resp: 71046
Ion Ratio Lower Upper
152 100
150 159.5 127.9 191.9
115 62.1 48.0 72.0



#5
2-Fluorophenol
Concen: 137.545 ng
RT: 5.492 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF140875.D
Acq: 17 Dec 2024 10:43

Tgt Ion:112 Resp: 593615
Ion Ratio Lower Upper
112 100
64 57.8 46.1 69.1
63 31.0 24.9 37.3

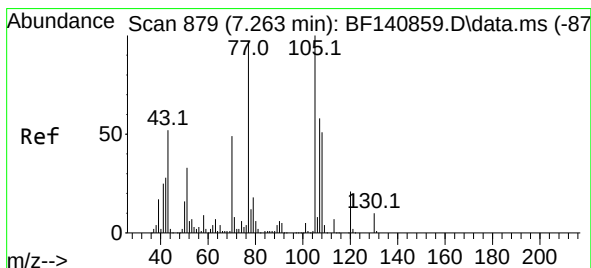
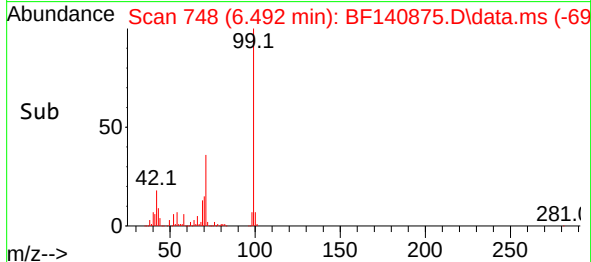
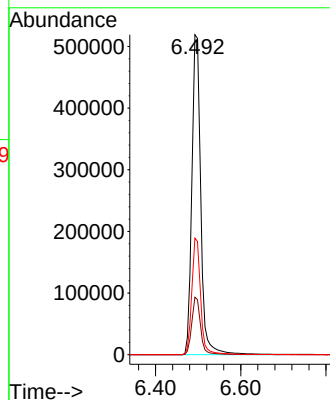
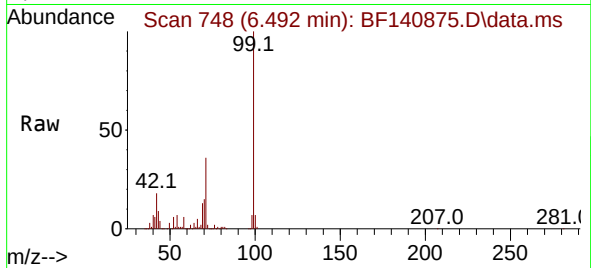




#7
Phenol-d6
Concen: 132.185 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF140875.D
Acq: 17 Dec 2024 10:43

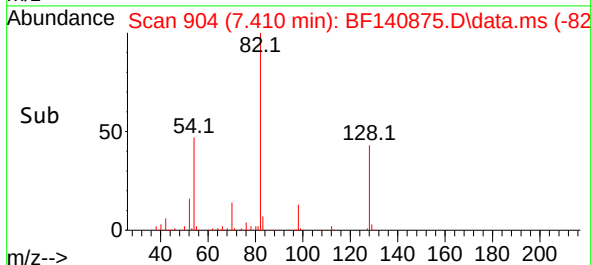
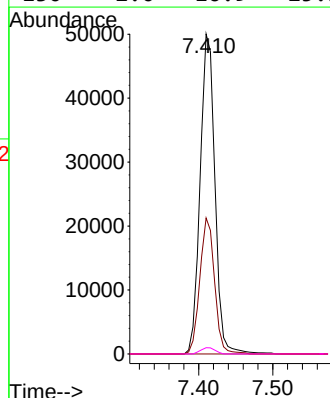
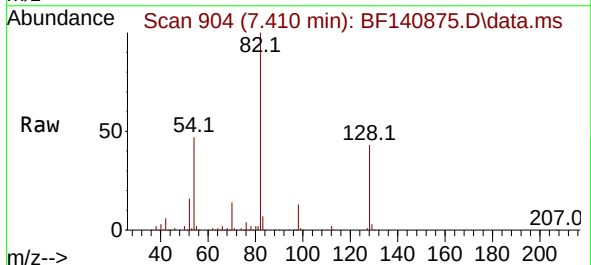
Instrument :
BNA_F
ClientSampleId :
PB165623BL

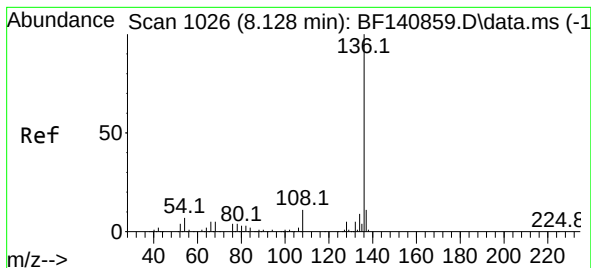
Tgt Ion: 99 Resp: 755612
Ion Ratio Lower Upper
99 100
42 17.9 14.3 21.5
71 36.4 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 20.236 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF140875.D
Acq: 17 Dec 2024 10:43

Tgt Ion: 70 Resp: 69389
Ion Ratio Lower Upper
70 100
42 42.5 45.3 67.9#
101 0.0 8.0 12.0#
130 2.0 16.9 25.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF140875.D

Acq: 17 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB165623BL

Tgt Ion:136 Resp: 290274

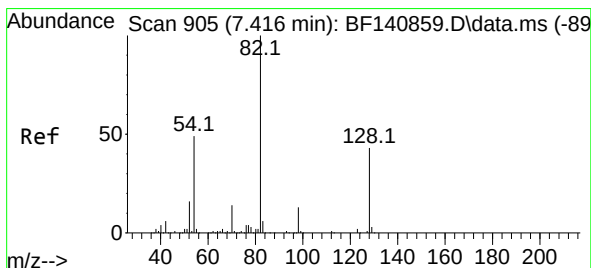
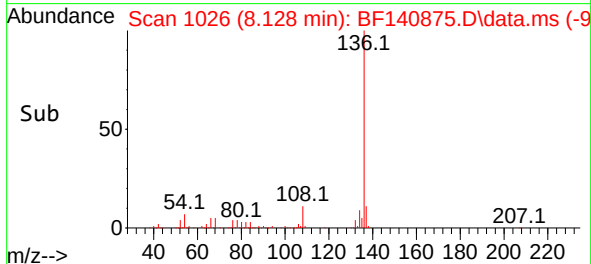
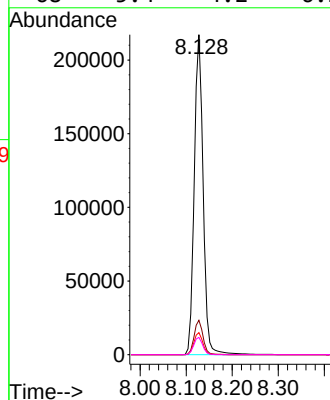
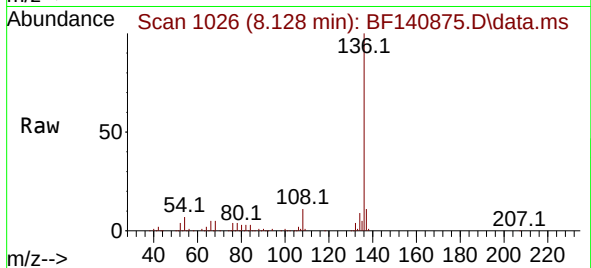
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.9 5.6 8.4

68 5.4 4.2 6.2



#23

Nitrobenzene-d5

Concen: 88.529 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF140875.D

Acq: 17 Dec 2024 10:43

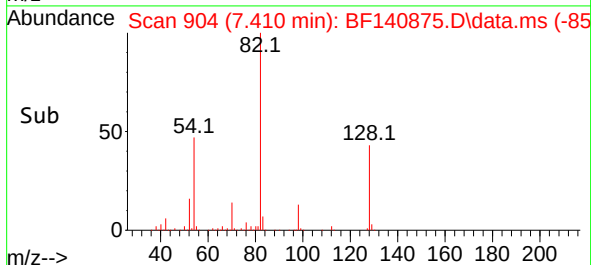
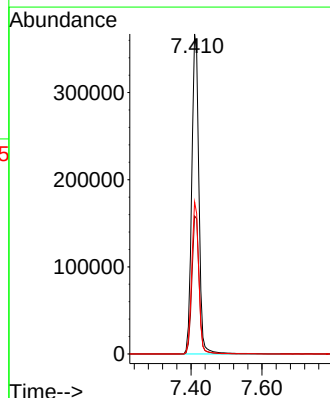
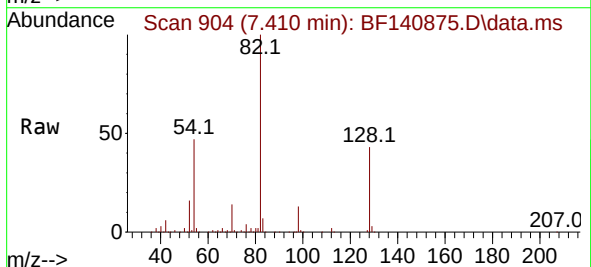
Tgt Ion: 82 Resp: 513636

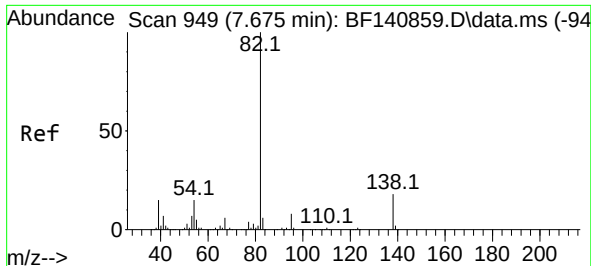
Ion Ratio Lower Upper

82 100

128 43.1 34.4 51.6

54 47.5 38.8 58.2

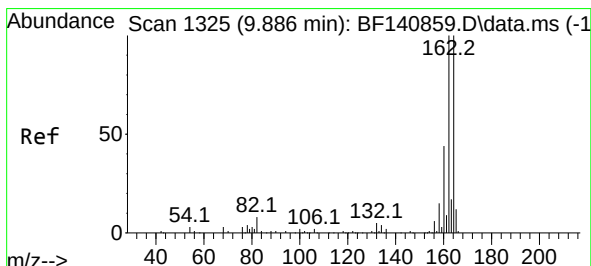
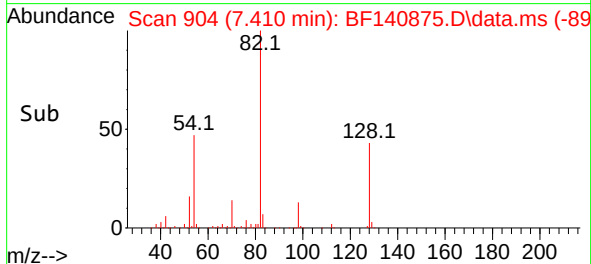
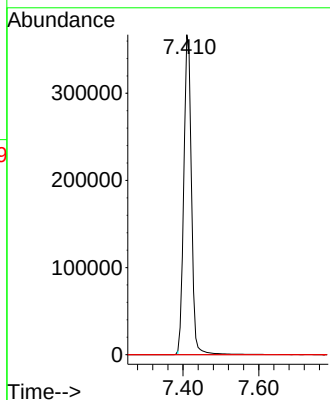
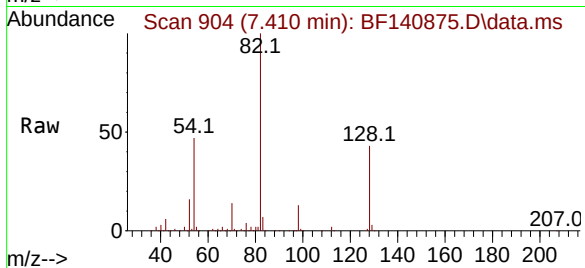




#25
Isophorone
Concen: 52.424 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF140875.D
Acq: 17 Dec 2024 10:43

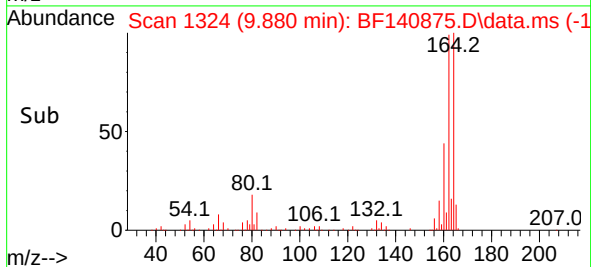
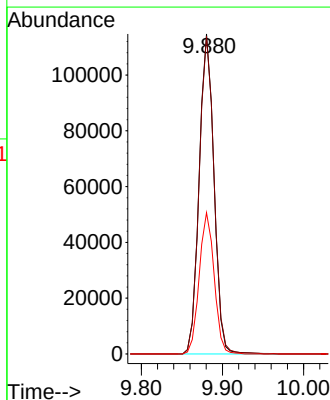
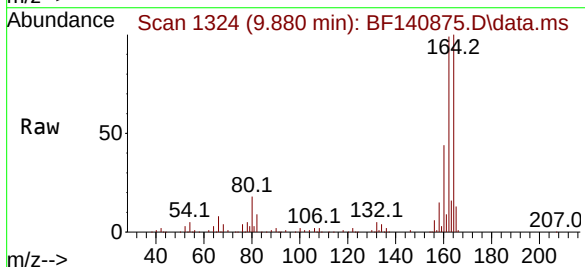
Instrument :
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ClientSampleId :
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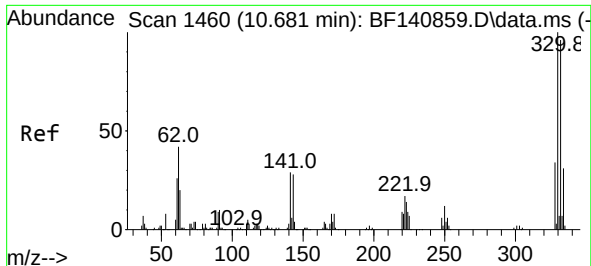
Tgt Ion: 82 Resp: 509628
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.1 21.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140875.D
Acq: 17 Dec 2024 10:43

Tgt Ion: 164 Resp: 145205
Ion Ratio Lower Upper
164 100
162 99.3 79.9 119.9
160 44.2 35.2 52.8

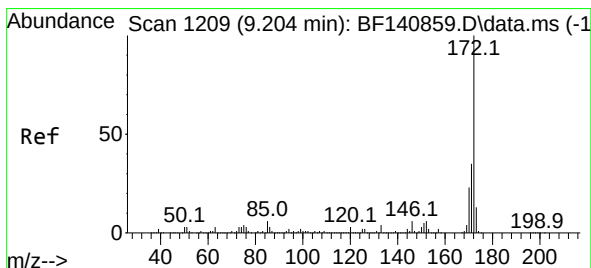
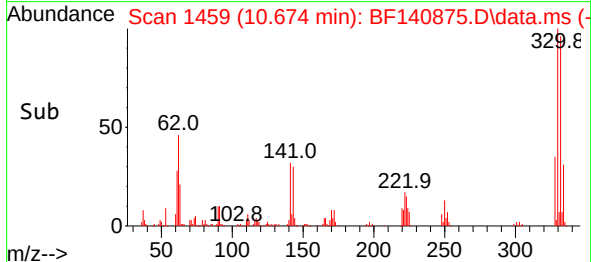
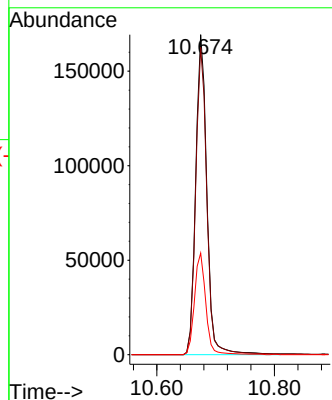
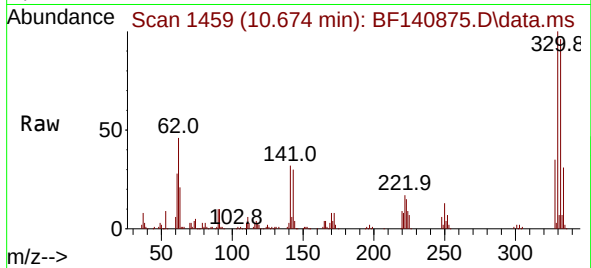




#42
2,4,6-Tribromophenol
Concen: 130.541 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF140875.D
Acq: 17 Dec 2024 10:43

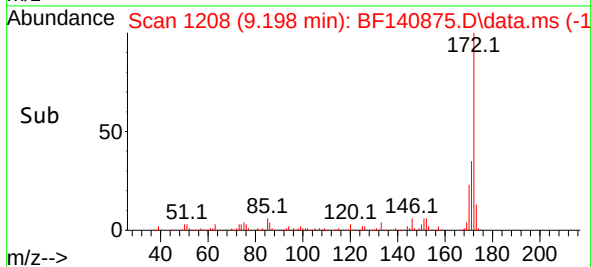
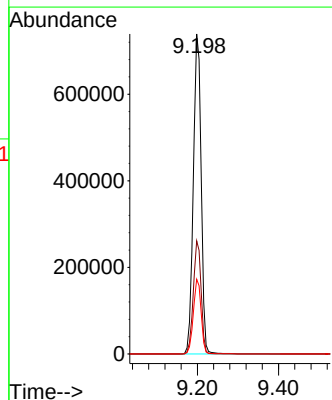
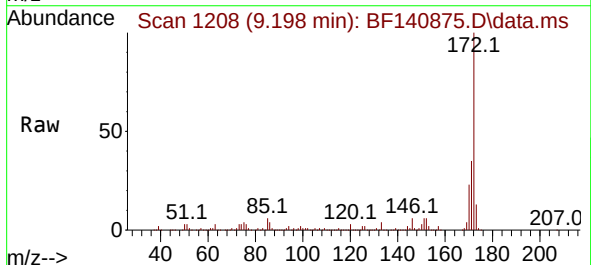
Instrument :
BNA_F
ClientSampleId :
PB165623BL

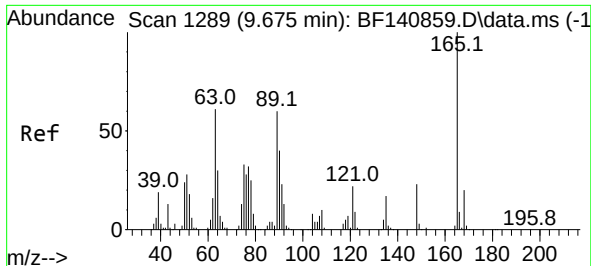
Tgt Ion:330 Resp: 224186
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 32.1 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 93.877 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF140875.D
Acq: 17 Dec 2024 10:43

Tgt Ion:172 Resp: 991479
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.3 18.6 28.0

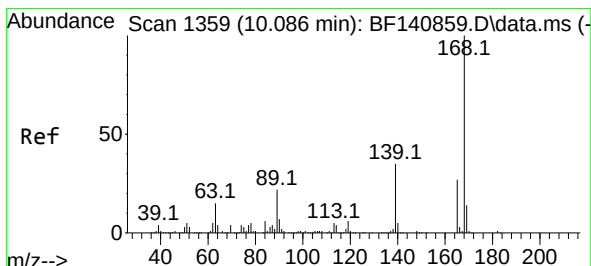
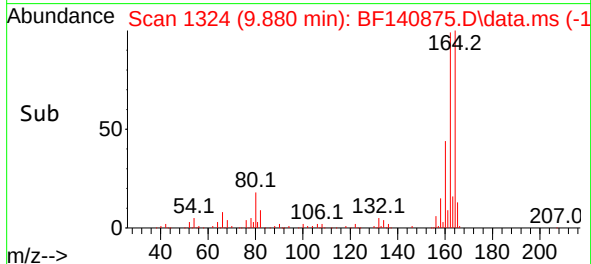
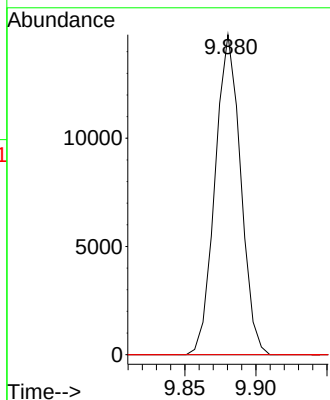
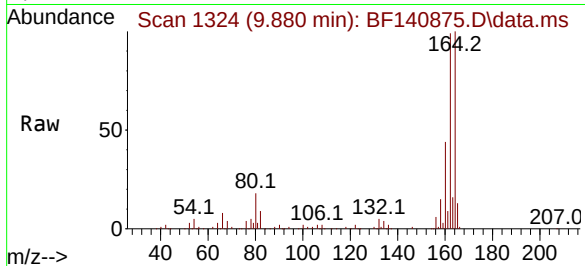




#51
2,6-Dinitrotoluene
Concen: 7.899 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140875.D
Acq: 17 Dec 2024 10:43

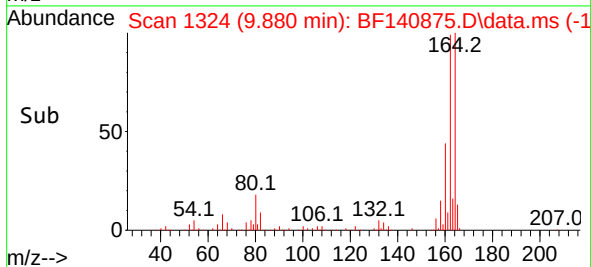
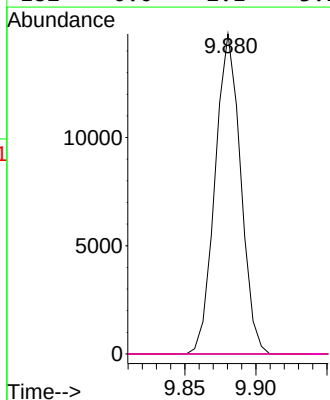
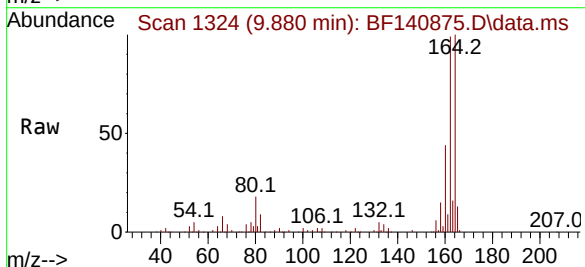
Instrument :
BNA_F
ClientSampleId :
PB165623BL

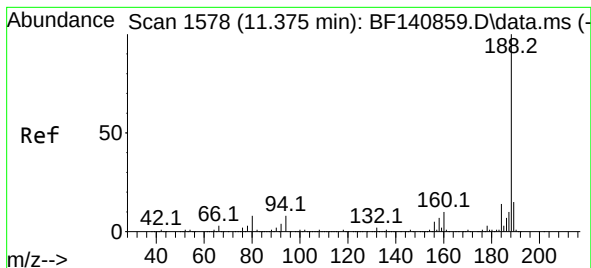
Tgt Ion:165 Resp: 18486
Ion Ratio Lower Upper
165 100
63 0.0 49.7 74.5#
89 0.0 48.2 72.4#



#57
2,4-Dinitrotoluene
Concen: 6.003 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.206 min
Lab File: BF140875.D
Acq: 17 Dec 2024 10:43

Tgt Ion:165 Resp: 18486
Ion Ratio Lower Upper
165 100
63 0.0 49.3 73.9#
89 0.0 66.2 99.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.368 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140875.D

Acq: 17 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB165623BL

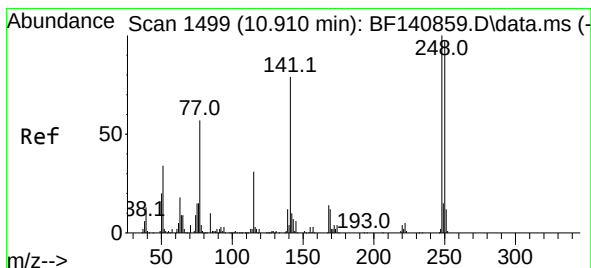
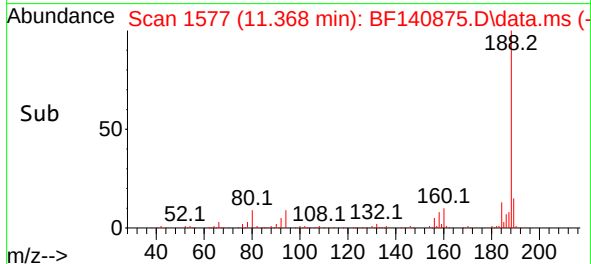
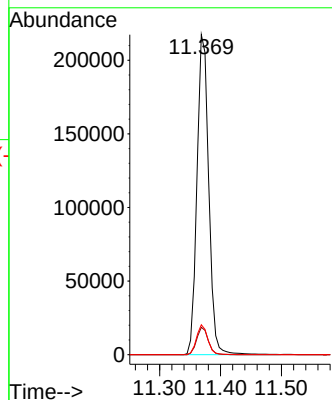
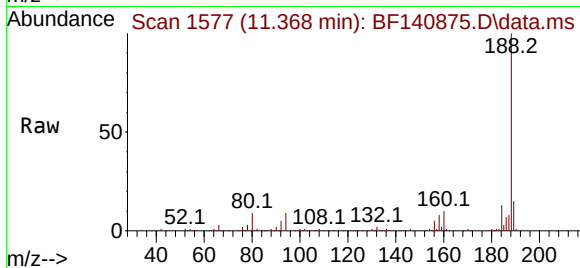
Tgt Ion:188 Resp: 290900

Ion Ratio Lower Upper

188 100

94 8.6 6.4 9.6

80 9.3 6.8 10.2



#67

4-Bromophenyl-phenylether

Concen: 4.296 ng

RT: 10.674 min Scan# 1459

Delta R.T. -0.236 min

Lab File: BF140875.D

Acq: 17 Dec 2024 10:43

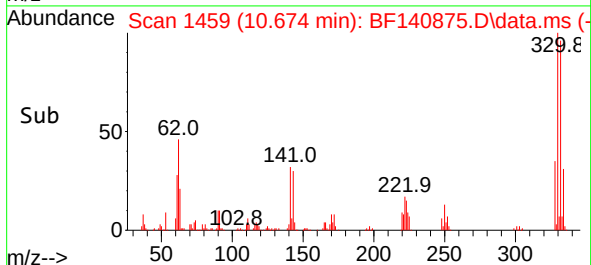
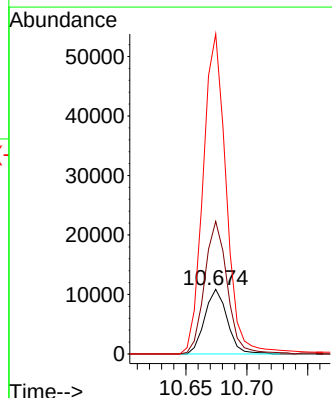
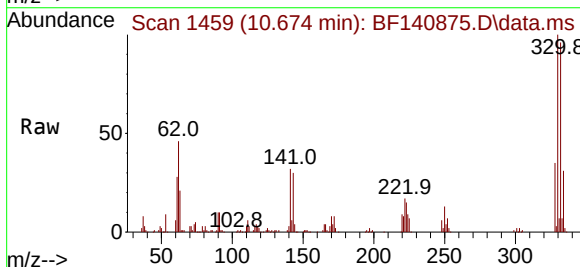
Tgt Ion:248 Resp: 13982

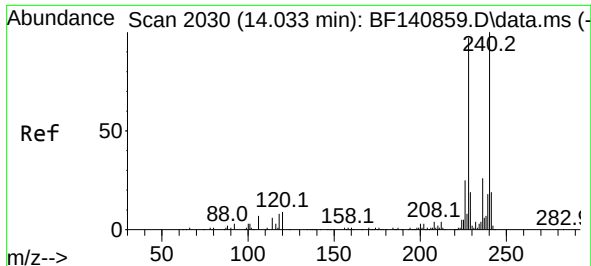
Ion Ratio Lower Upper

248 100

250 205.2 77.4 116.2#

141 495.1 62.9 94.3#

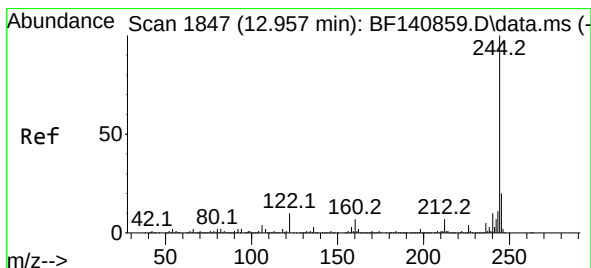
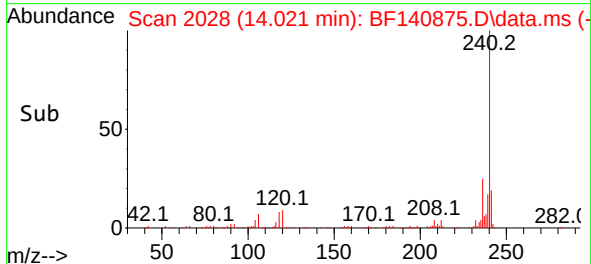
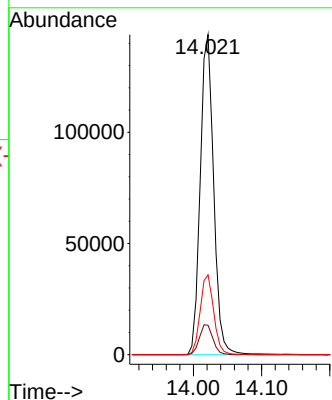
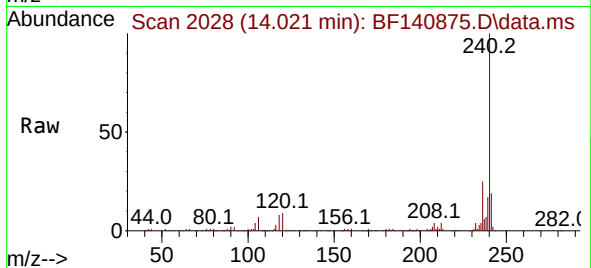




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF140875.D
Acq: 17 Dec 2024 10:43

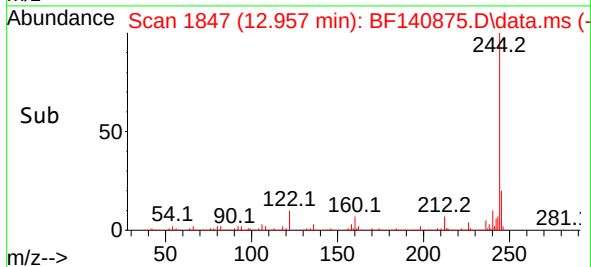
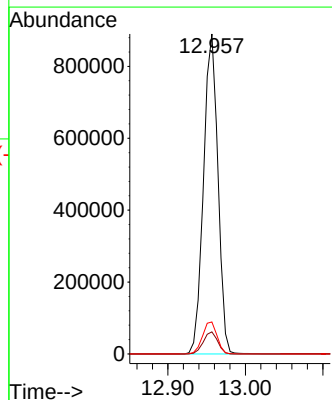
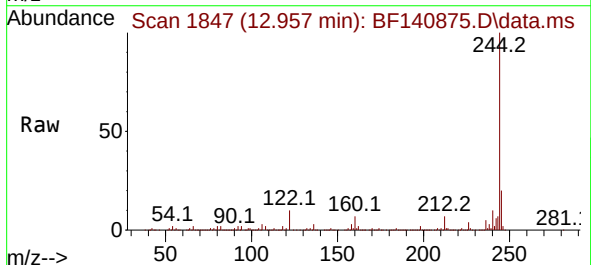
Instrument :
BNA_F
ClientSampleId :
PB165623BL

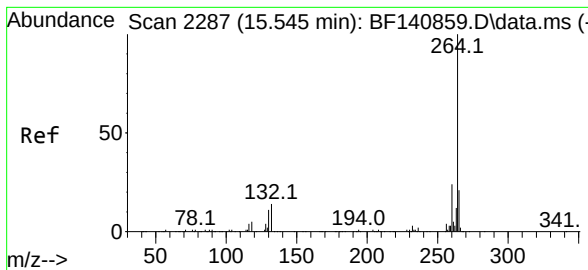
Tgt Ion:240 Resp: 197228
Ion Ratio Lower Upper
240 100
120 9.2 7.6 11.4
236 24.9 20.5 30.7



#79
Terphenyl-d14
Concen: 91.808 ng
RT: 12.957 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BF140875.D
Acq: 17 Dec 2024 10:43

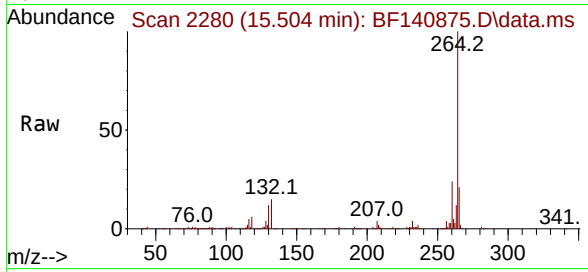
Tgt Ion:244 Resp: 1148291
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 10.0 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. -0.041 min
 Lab File: BF140875.D
 Acq: 17 Dec 2024 10:43

Instrument :
 BNA_F
 ClientSampleId :
 PB165623BL



Tgt Ion:264 Resp: 182284

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	20.9	17.0	25.4

