

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011325\
 Data File : BF141124.D
 Acq On : 13 Jan 2025 11:37
 Operator : RC/JU
 Sample : PB165999BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 13 12:08:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

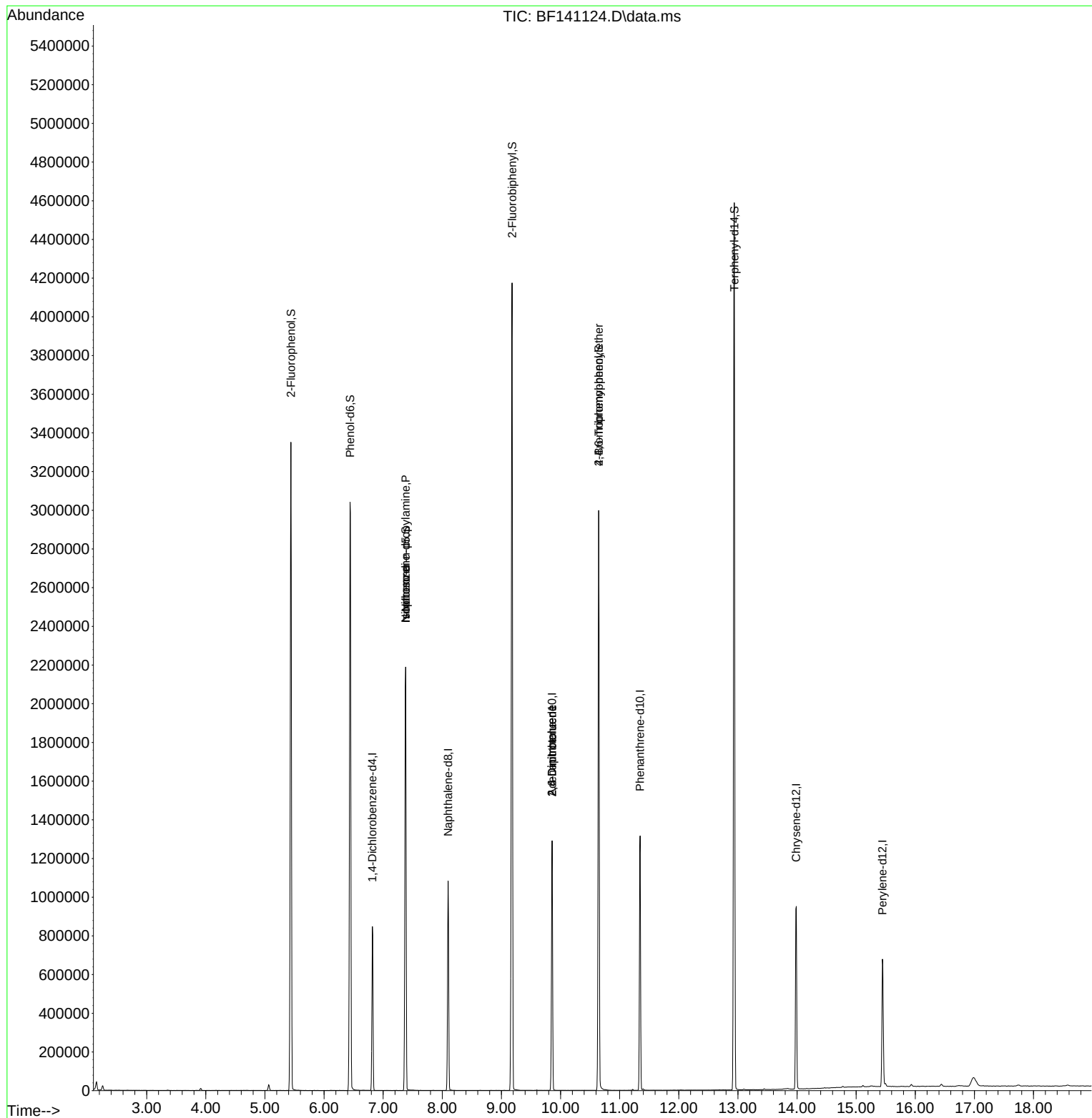
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	178246	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	719658	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	395533	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	674715	20.000	ng	0.00
76) Chrysene-d12	13.986	240	475386	20.000	ng	0.00
86) Perylene-d12	15.445	264	390119	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1339083	116.054	ng	0.01
7) Phenol-d6	6.440	99	1652839	113.085	ng	0.00
23) Nitrobenzene-d5	7.381	82	1101798	81.156	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	564398	125.231	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2043762	78.904	ng	0.00
79) Terphenyl-d14	12.939	244	2415658	75.526	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	148134	17.205	ng	Qvalue # 76
25) Isophorone	7.381	82	1096547	47.262	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	50946	8.250	ng	# 27
57) 2,4-Dinitrotoluene	9.857	165	50946	6.402	ng	# 24
67) 4-Bromophenyl-phenylether	10.645	248	34257	4.410	ng	# 1

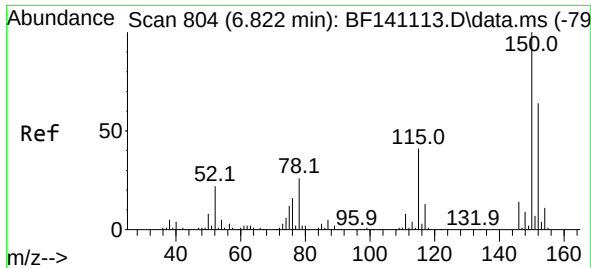
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011325\
Data File : BF141124.D
Acq On : 13 Jan 2025 11:37
Operator : RC/JU
Sample : PB165999BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

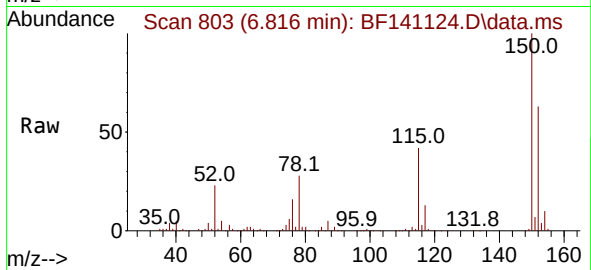
Quant Time: Jan 13 12:08:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration



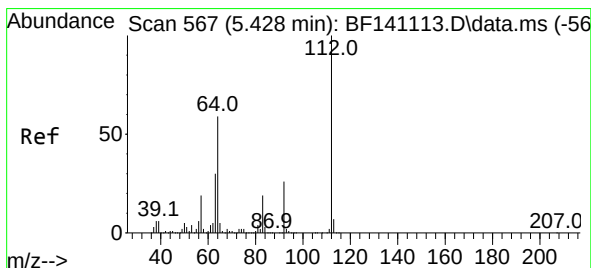
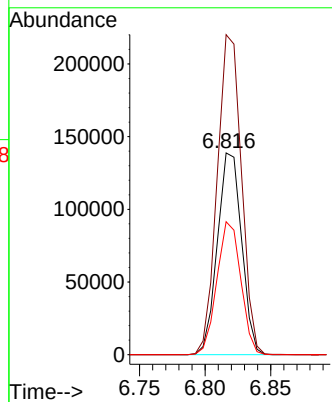
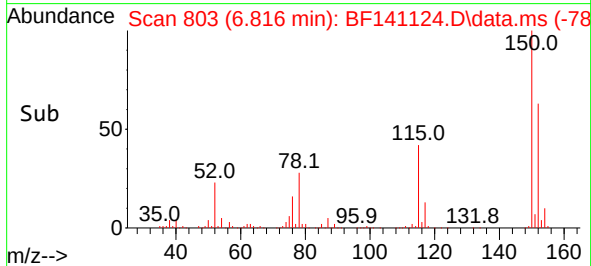


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 804
 Delta R.T. -0.006 min
 Lab File: BF141124.D
 Acq: 13 Jan 2025 11:37

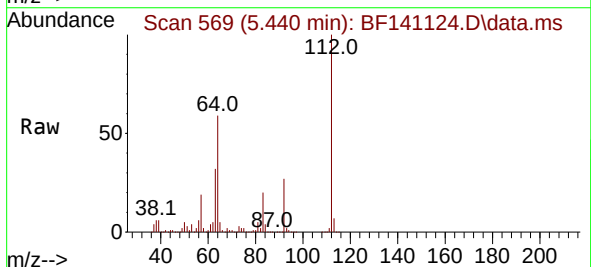
Instrument :
 BNA_F
 ClientSampleId :



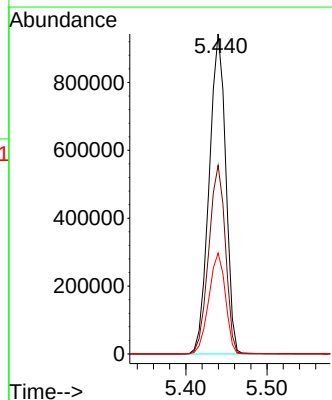
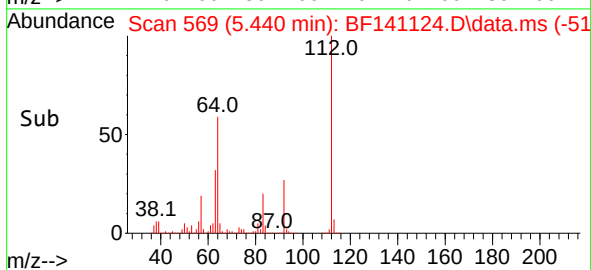
Tgt Ion:152 Resp: 178246
 Ion Ratio Lower Upper
 152 100
 150 158.6 125.8 188.8
 115 65.9 51.4 77.2

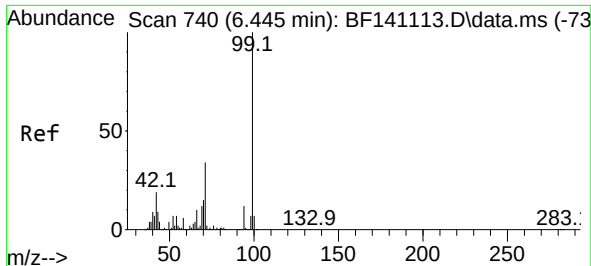


#5
 2-Fluorophenol
 Concen: 116.054 ng
 RT: 5.440 min Scan# 569
 Delta R.T. 0.012 min
 Lab File: BF141124.D
 Acq: 13 Jan 2025 11:37



Tgt Ion:112 Resp: 1339083
 Ion Ratio Lower Upper
 112 100
 64 59.0 47.3 70.9
 63 31.6 24.2 36.2



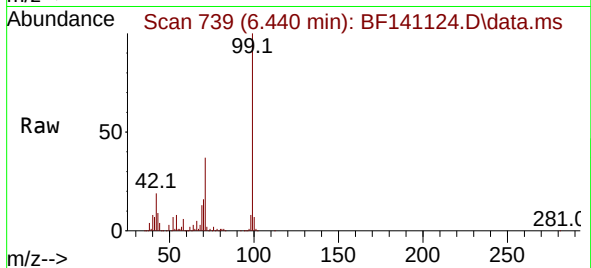


#7
Phenol-d6
Concen: 113.085 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141124.D
Acq: 13 Jan 2025 11:37

Instrument :

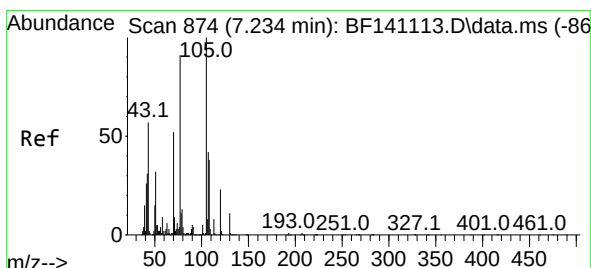
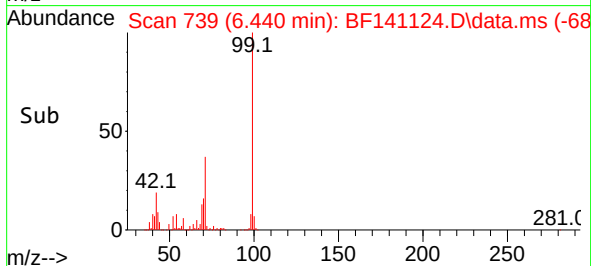
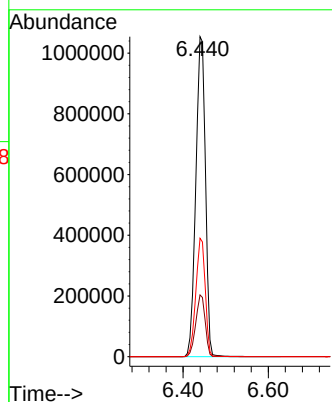
BNA_F

ClientSampleId :



Tgt Ion: 99 Resp: 1652839

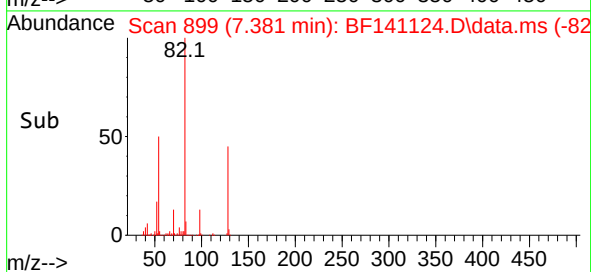
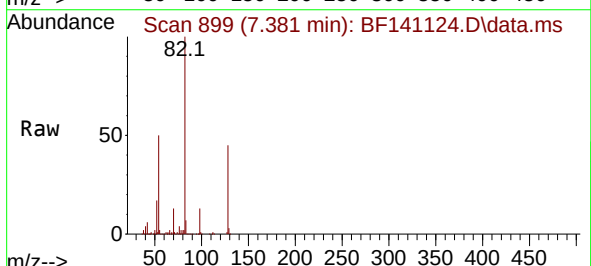
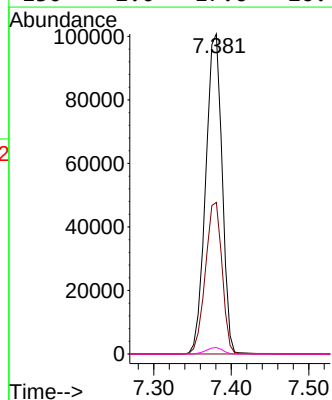
Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.0	22.4
71	37.0	27.6	41.4

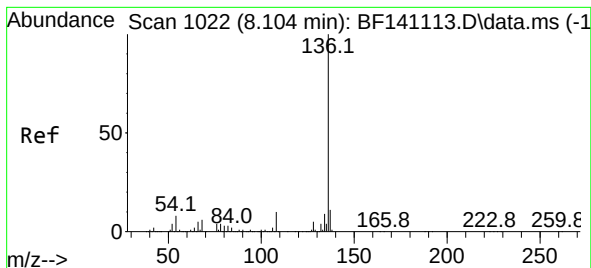


#19
n-Nitroso-di-n-propylamine
Concen: 17.205 ng
RT: 7.381 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF141124.D
Acq: 13 Jan 2025 11:37

Tgt Ion: 70 Resp: 148134

Ion	Ratio	Lower	Upper
70	100		
42	47.4	47.8	71.6#
101	0.0	7.9	11.9#
130	2.0	17.6	26.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.098 min Scan# 1022

Delta R.T. -0.006 min

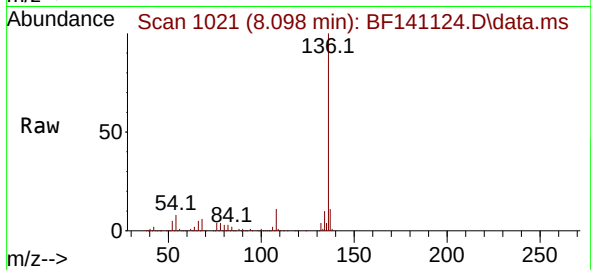
Lab File: BF141124.D

Acq: 13 Jan 2025 11:37

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 719658

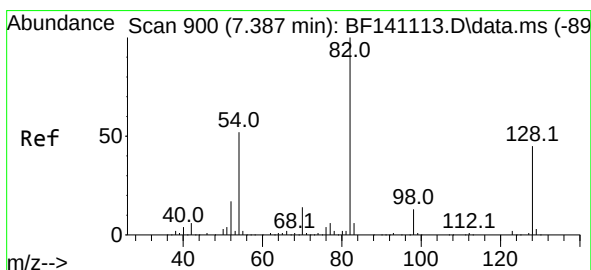
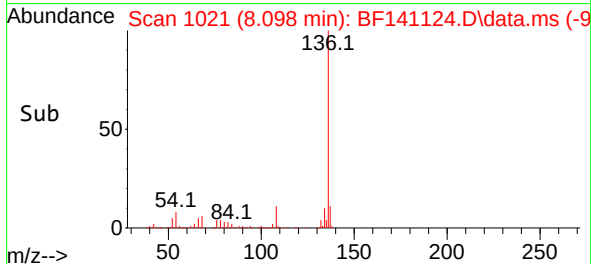
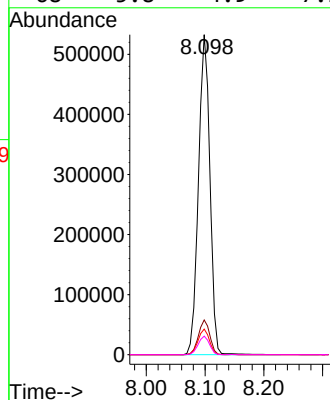
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.0 6.3 9.5

68 5.8 4.9 7.3



#23

Nitrobenzene-d5

Concen: 81.156 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF141124.D

Acq: 13 Jan 2025 11:37

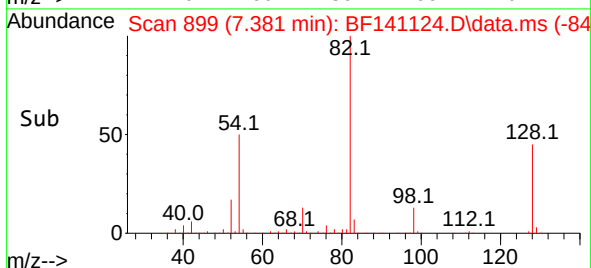
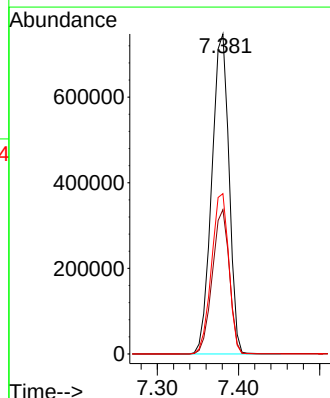
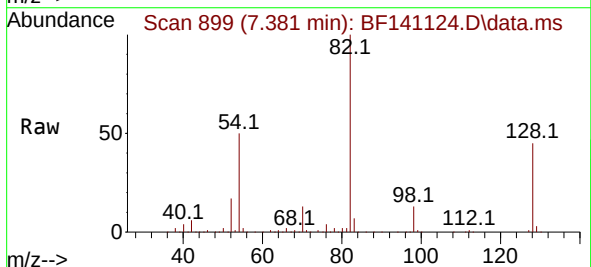
Tgt Ion: 82 Resp: 1101798

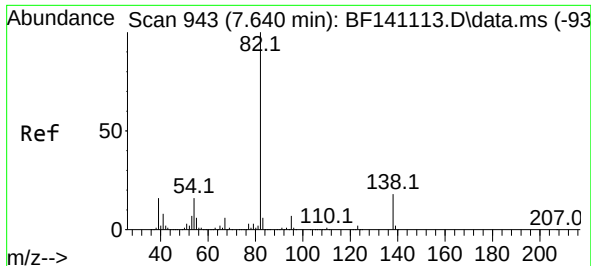
Ion Ratio Lower Upper

82 100

128 45.1 36.1 54.1

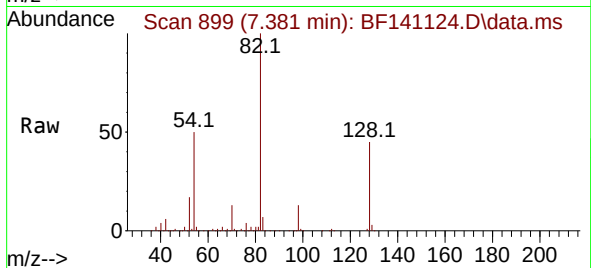
54 50.1 41.0 61.4



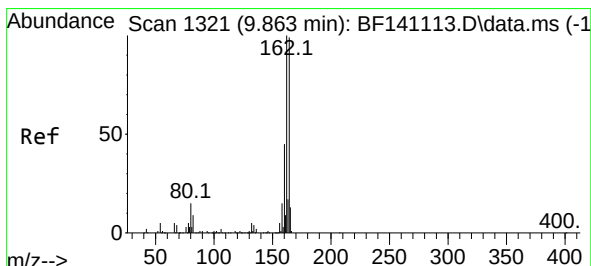
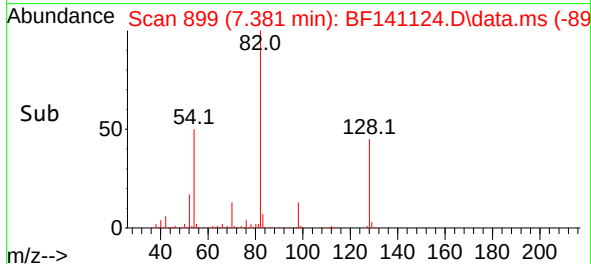
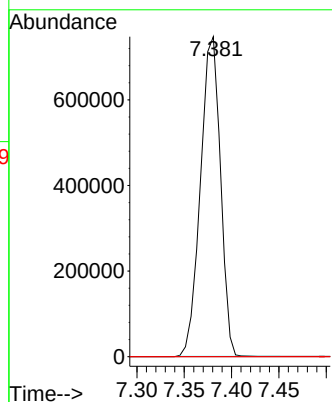


#25
Isophorone
Concen: 47.262 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.259 min
Lab File: BF141124.D
Acq: 13 Jan 2025 11:37

Instrument :
BNA_F
ClientSampleId :

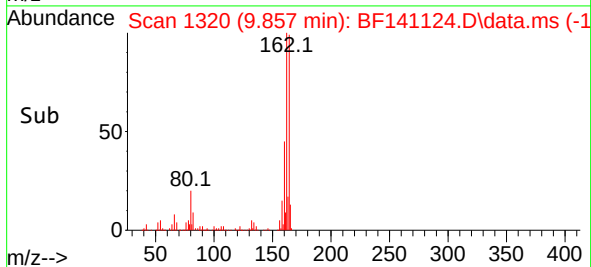
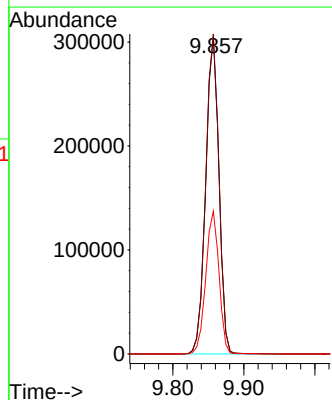
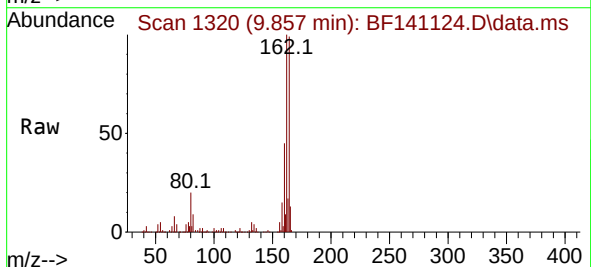


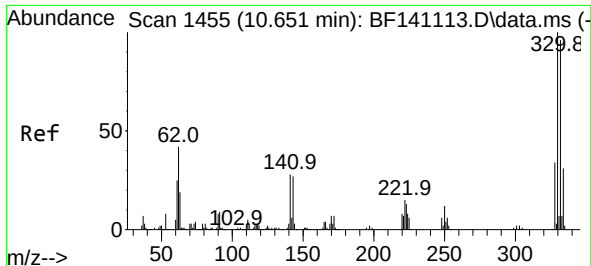
Tgt Ion: 82 Resp: 1096547
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF141124.D
Acq: 13 Jan 2025 11:37

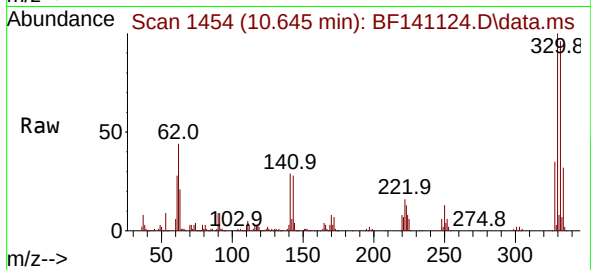
Tgt Ion: 164 Resp: 395533
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.4
160 45.0 36.1 54.1



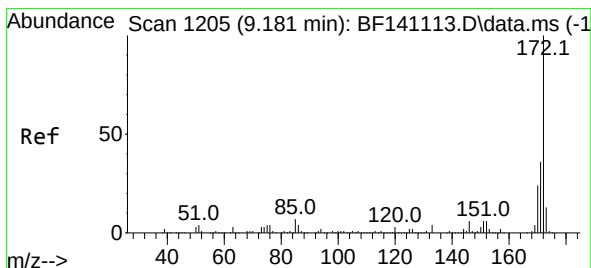
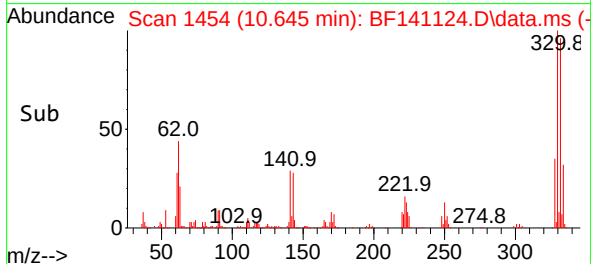
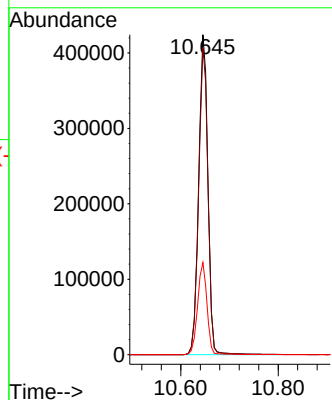


#42
2,4,6-Tribromophenol
Concen: 125.231 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF141124.D
Acq: 13 Jan 2025 11:37

Instrument :
BNA_F
ClientSampleId :

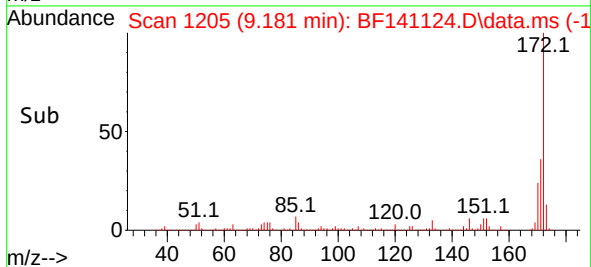
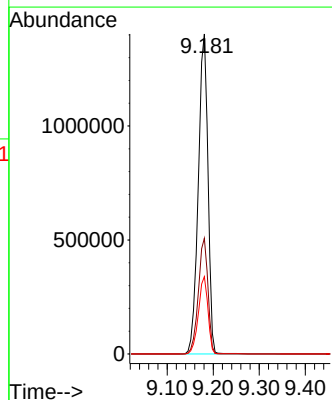
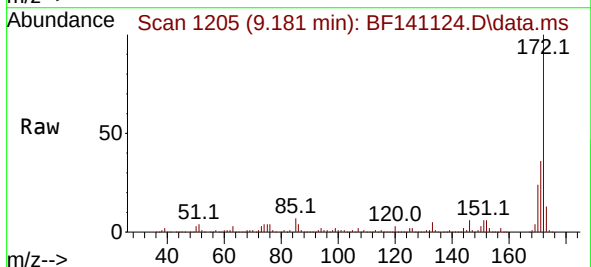


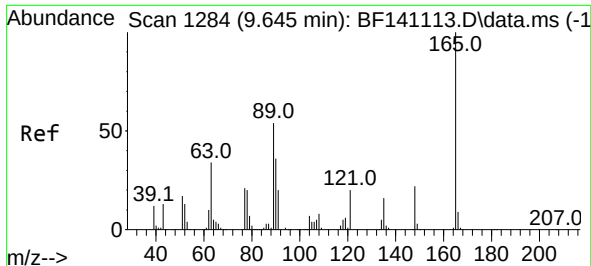
Tgt Ion:330 Resp: 564398
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 29.3 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 78.904 ng
RT: 9.181 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF141124.D
Acq: 13 Jan 2025 11:37

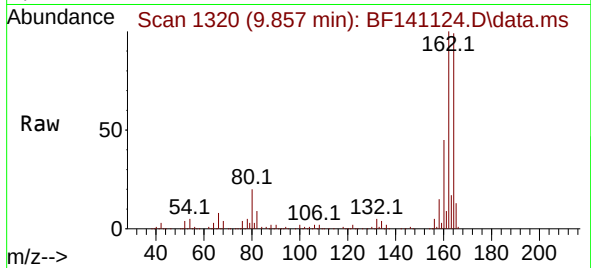
Tgt Ion:172 Resp: 2043762
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 24.1 19.0 28.6



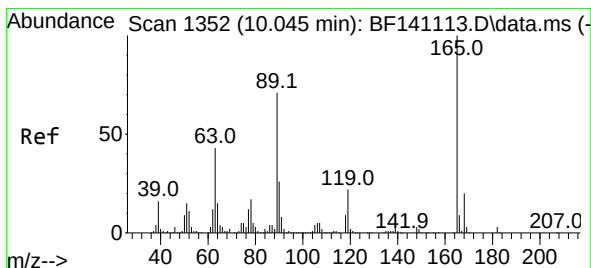
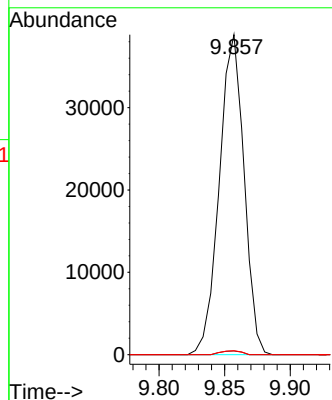
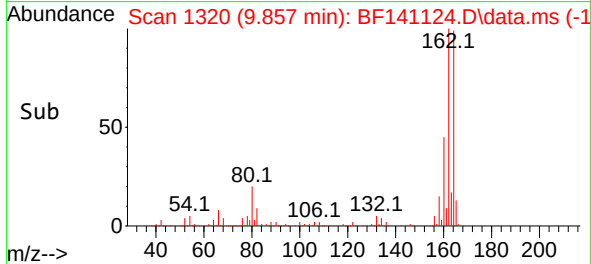


#51
2,6-Dinitrotoluene
Concen: 8.250 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF141124.D
Acq: 13 Jan 2025 11:37

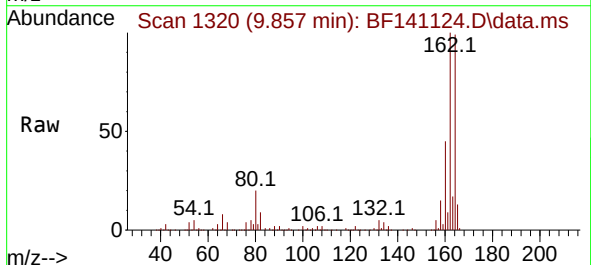
Instrument :
BNA_F
ClientSampleId :



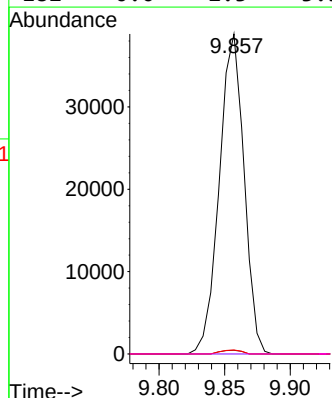
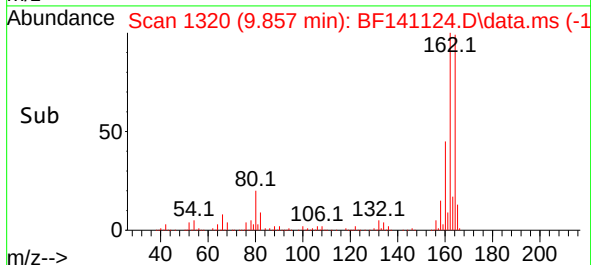
Tgt Ion:165 Resp: 50946
Ion Ratio Lower Upper
165 100
63 1.1 42.3 63.5#
89 1.2 43.1 64.7#

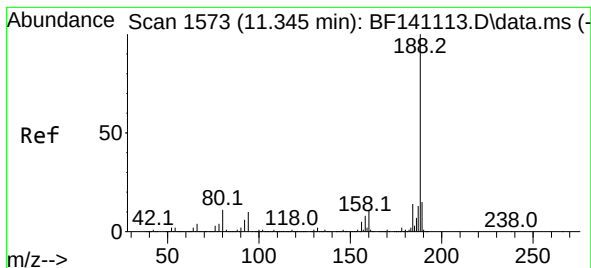


#57
2,4-Dinitrotoluene
Concen: 6.402 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF141124.D
Acq: 13 Jan 2025 11:37



Tgt Ion:165 Resp: 50946
Ion Ratio Lower Upper
165 100
63 1.1 35.0 52.4#
89 1.2 56.7 85.1#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141124.D

Acq: 13 Jan 2025 11:37

Instrument :

BNA_F

ClientSampleId :

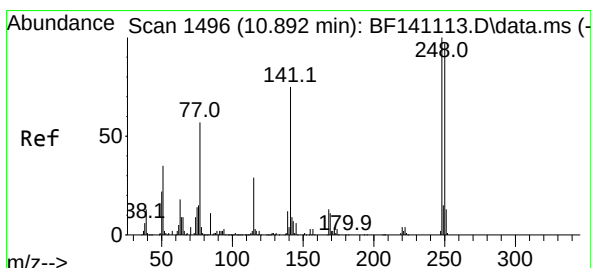
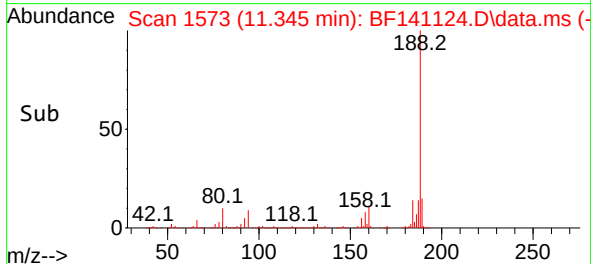
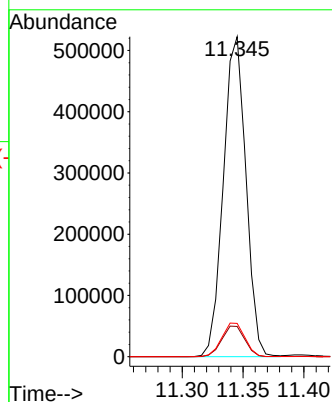
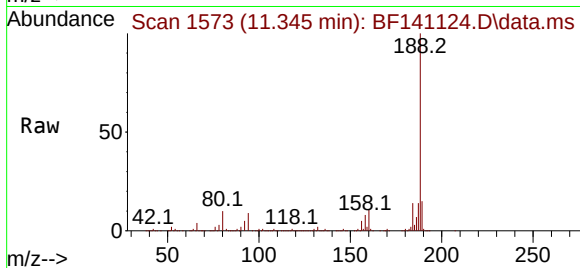
Tgt Ion:188 Resp: 674715

Ion Ratio Lower Upper

188 100

94 9.4 8.3 12.5

80 10.4 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.410 ng

RT: 10.645 min Scan# 1454

Delta R.T. -0.247 min

Lab File: BF141124.D

Acq: 13 Jan 2025 11:37

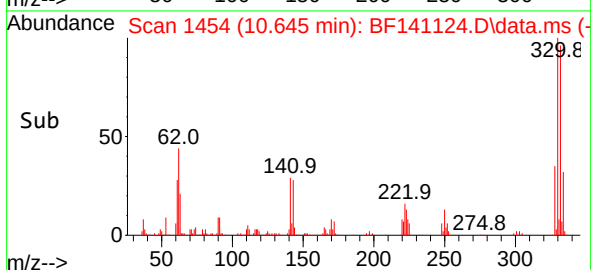
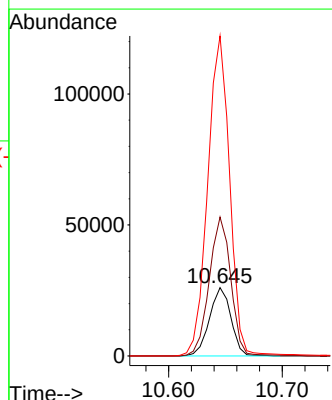
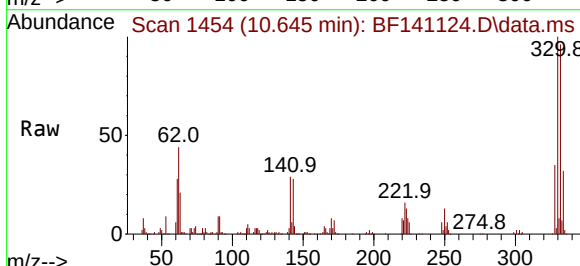
Tgt Ion:248 Resp: 34257

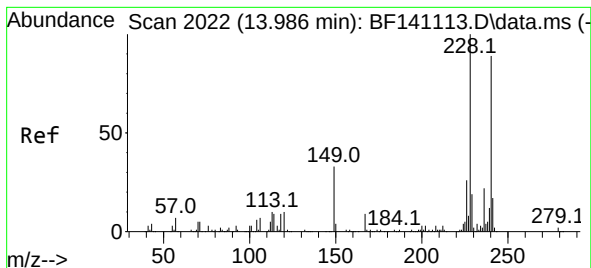
Ion Ratio Lower Upper

248 100

250 203.2 77.9 116.9#

141 468.1 59.9 89.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 20

Delta R.T. 0.000 min

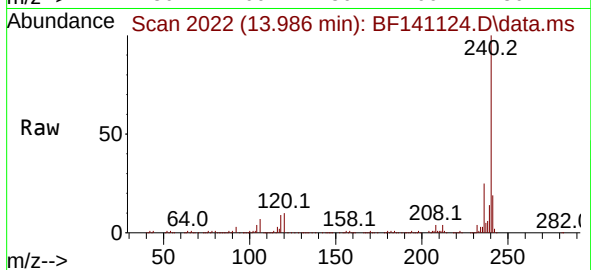
Lab File: BF141124.D

Acq: 13 Jan 2025 11:37

Instrument :

BNA_F

ClientSampleId :



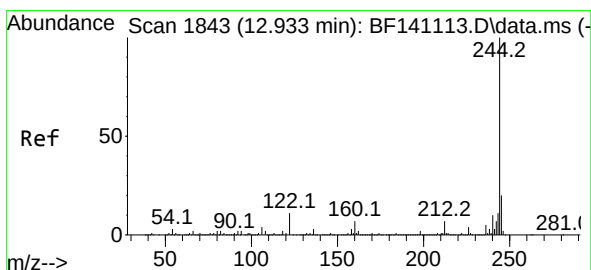
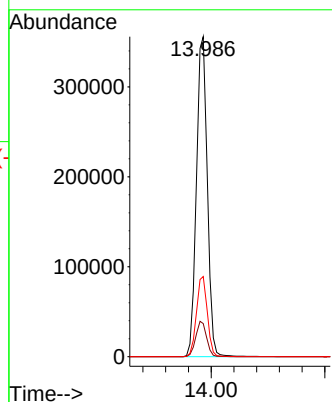
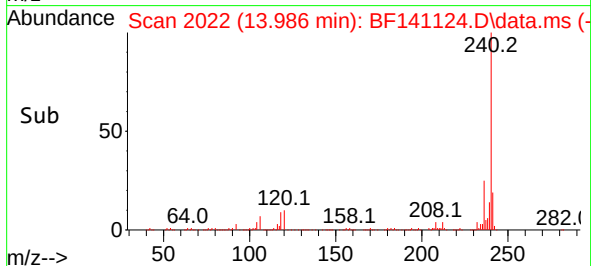
Tgt Ion:240 Resp: 475386

Ion Ratio Lower Upper

240 100

120 10.4 9.1 13.7

236 25.1 19.8 29.6



#79

Terphenyl-d14

Concen: 75.526 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.006 min

Lab File: BF141124.D

Acq: 13 Jan 2025 11:37

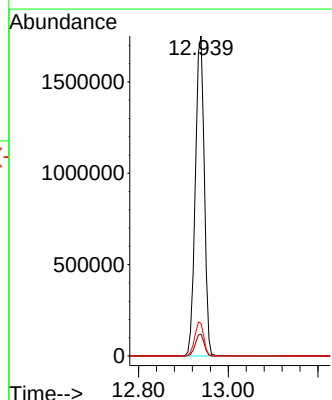
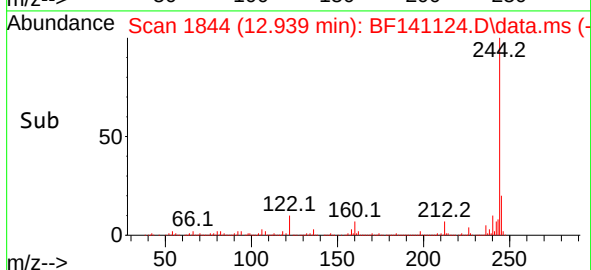
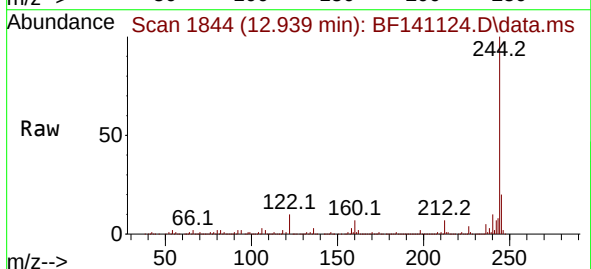
Tgt Ion:244 Resp: 2415658

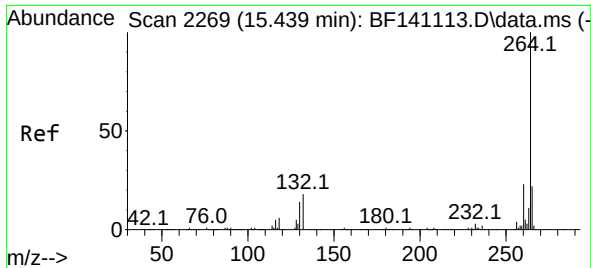
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

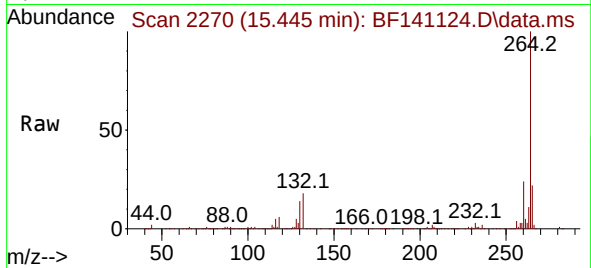
122 10.2 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF141124.D
Acq: 13 Jan 2025 11:37

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 390119
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 21.6 17.4 26.0

