

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
 Data File : BF141217.D
 Acq On : 20 Jan 2025 12:49
 Operator : RC/JU
 Sample : PB166117BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166117BL

Quant Time: Jan 20 13:12:06 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)

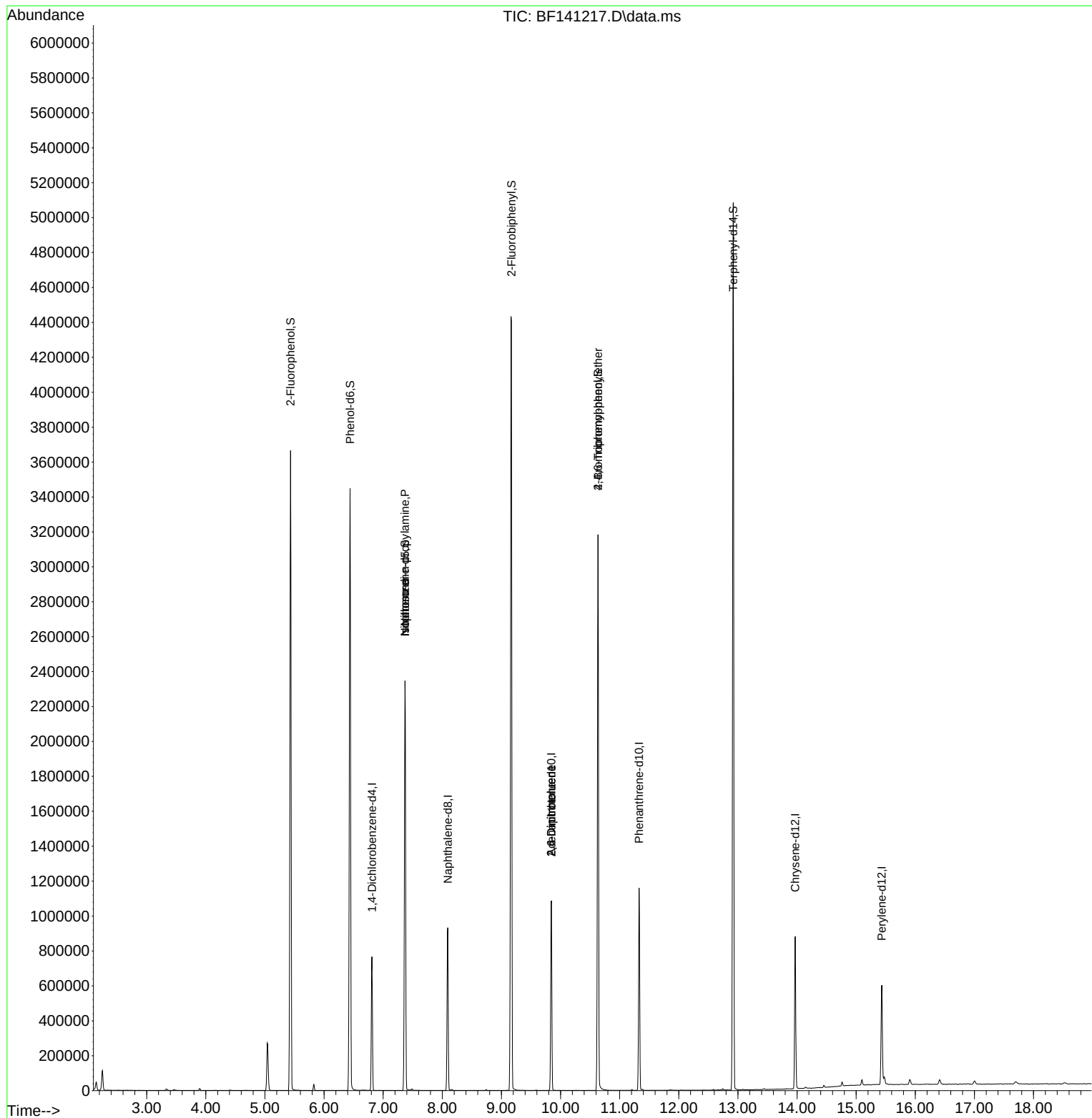
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	159319	20.000	ng	-0.01
21) Naphthalene-d8	8.092	136	644023	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	342991	20.000	ng	-0.02
64) Phenanthrene-d10	11.328	188	588711	20.000	ng	-0.02
76) Chrysene-d12	13.969	240	419427	20.000	ng	-0.02
86) Perylene-d12	15.433	264	332363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1480123	143.517	ng	0.00
7) Phenol-d6	6.440	99	1843280	141.098	ng	0.00
23) Nitrobenzene-d5	7.369	82	1188109	97.791	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	632313	161.793	ng	-0.02
45) 2-Fluorobiphenyl	9.169	172	2213976	98.569	ng	-0.01
79) Terphenyl-d14	12.922	244	2605646	92.335	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.369	70	161423	20.976	ng	# 75
25) Isophorone	7.369	82	1178059	56.739	ng	# 65
51) 2,6-Dinitrotoluene	9.845	165	45017	8.407	ng	# 27
57) 2,4-Dinitrotoluene	9.845	165	45017	6.524	ng	# 24
67) 4-Bromophenyl-phenylether	10.633	248	36752	5.422	ng	# 1

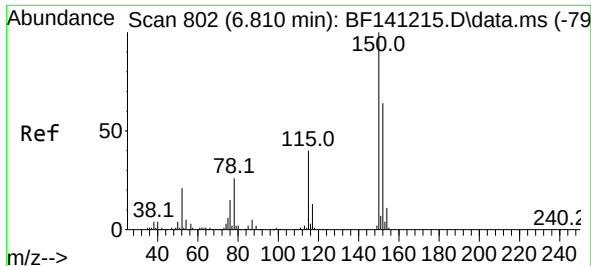
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141217.D
Acq On : 20 Jan 2025 12:49
Operator : RC/JU
Sample : PB166117BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166117BL

Quant Time: Jan 20 13:12:06 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

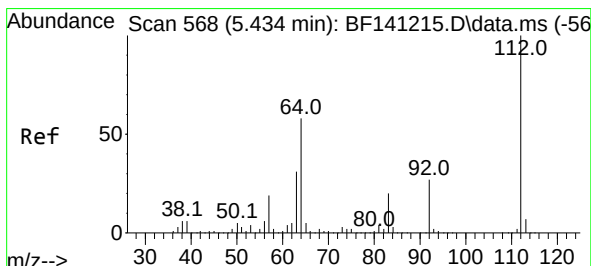
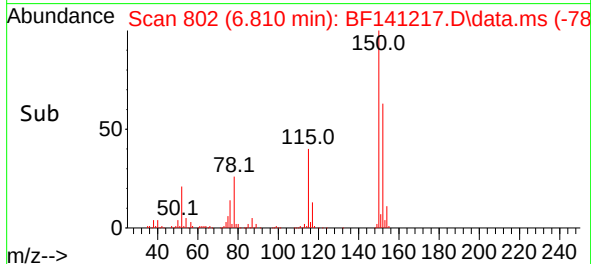
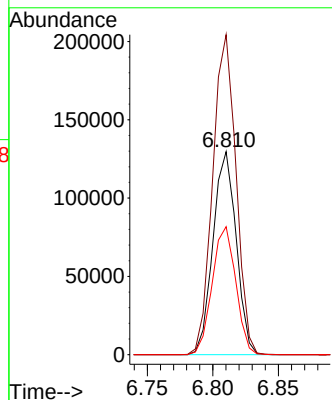
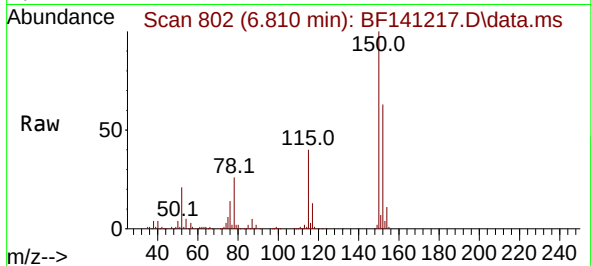




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.012 min
Lab File: BF141217.D
Acq: 20 Jan 2025 12:49

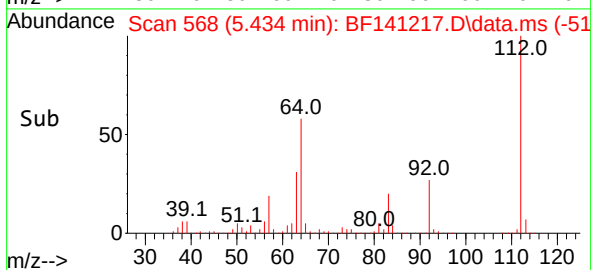
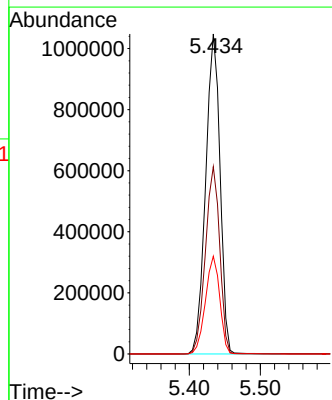
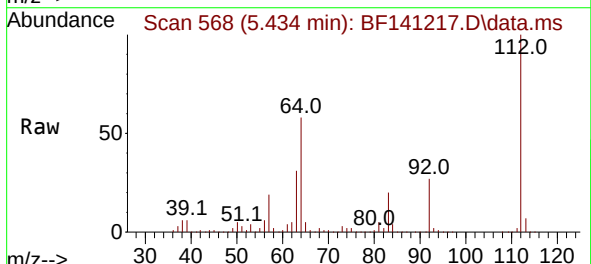
Instrument :
BNA_F
ClientSampleId :
PB166117BL

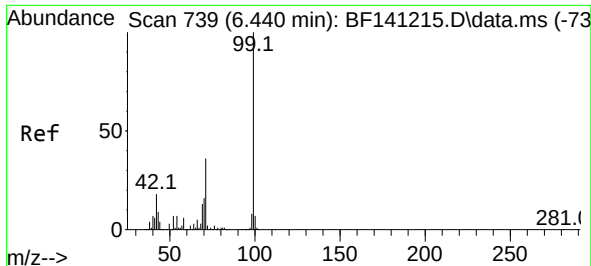
Tgt Ion:152 Resp: 159319
Ion Ratio Lower Upper
152 100
150 157.6 125.8 188.8
115 63.0 51.4 77.2



#5
2-Fluorophenol
Concen: 143.517 ng
RT: 5.434 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF141217.D
Acq: 20 Jan 2025 12:49

Tgt Ion:112 Resp: 1480123
Ion Ratio Lower Upper
112 100
64 58.5 47.3 70.9
63 30.5 24.2 36.2





#7
Phenol-d6
Concen: 141.098 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141217.D
Acq: 20 Jan 2025 12:49

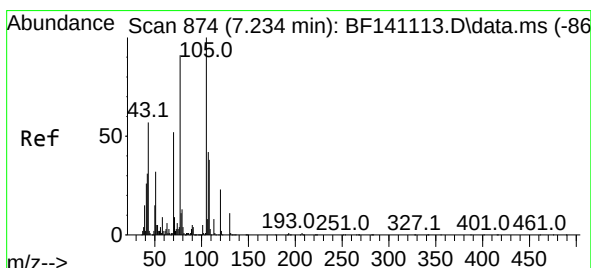
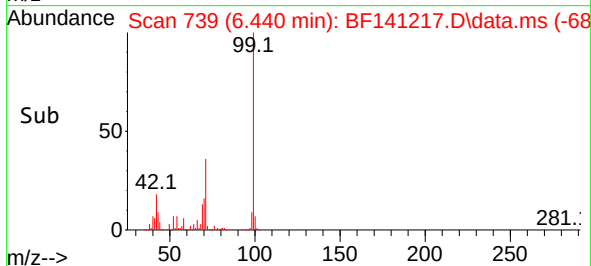
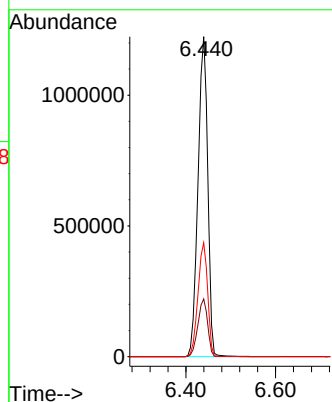
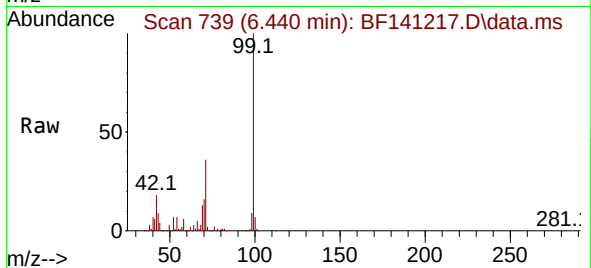
Instrument :

BNA_F

ClientSampleId :

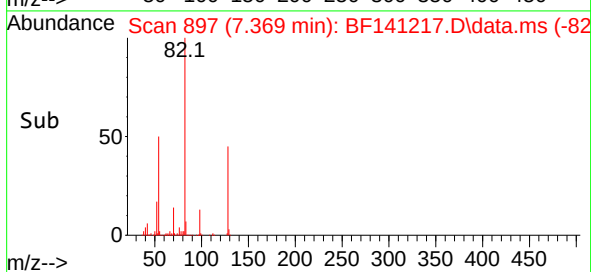
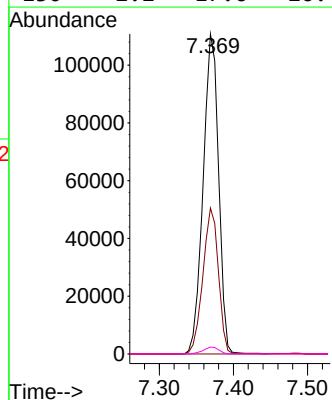
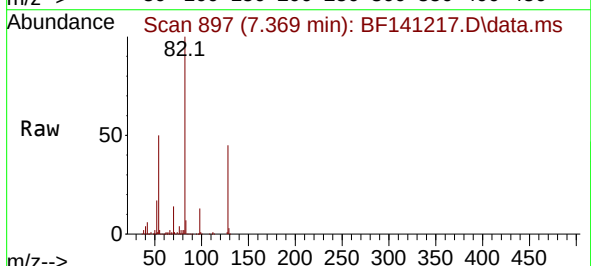
PB166117BL

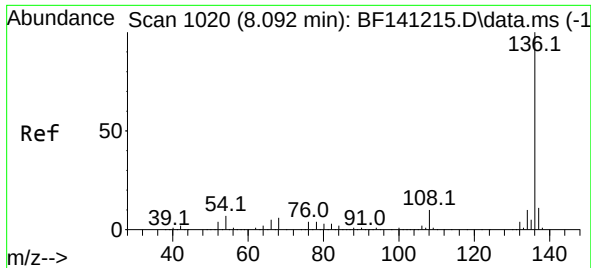
Tgt Ion: 99 Resp: 1843280
Ion Ratio Lower Upper
99 100
42 18.1 15.0 22.4
71 35.6 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.976 ng
RT: 7.369 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF141217.D
Acq: 20 Jan 2025 12:49

Tgt Ion: 70 Resp: 161423
Ion Ratio Lower Upper
70 100
42 45.6 47.8 71.6#
101 0.0 7.9 11.9#
130 2.2 17.6 26.4#



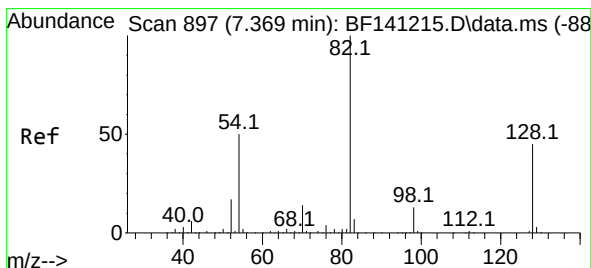
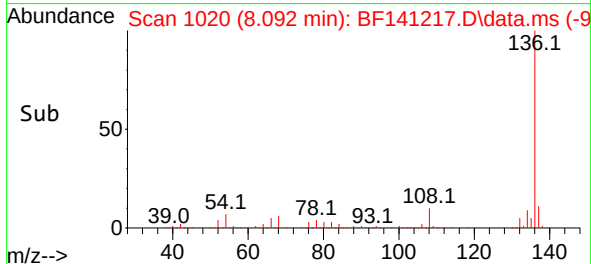
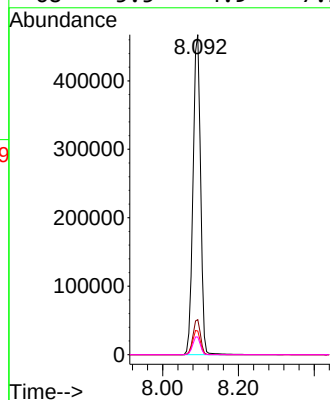
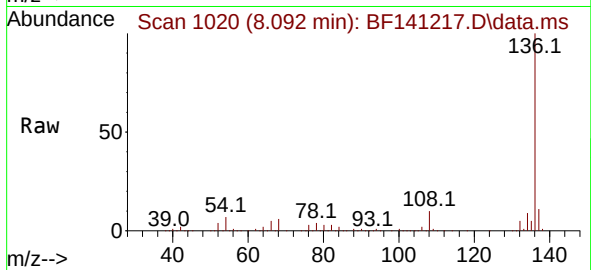


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141217.D
Acq: 20 Jan 2025 12:49

Instrument :
BNA_F
ClientSampleId :
PB166117BL

Tgt Ion:136 Resp: 644023

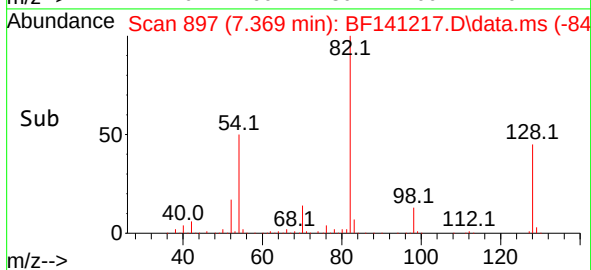
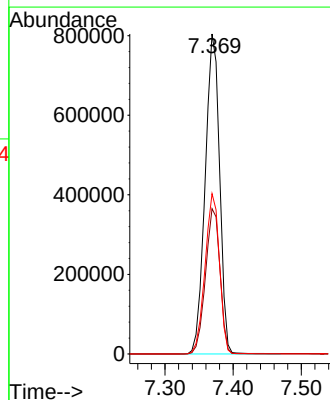
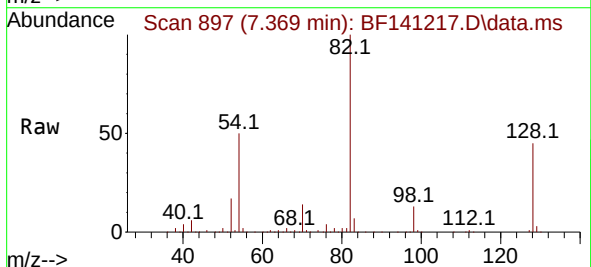
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.4	6.3	9.5
68	5.5	4.9	7.3

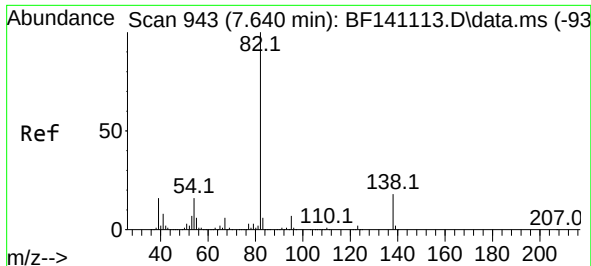


#23
Nitrobenzene-d5
Concen: 97.791 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF141217.D
Acq: 20 Jan 2025 12:49

Tgt Ion: 82 Resp: 1188109

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	50.1	41.0	61.4

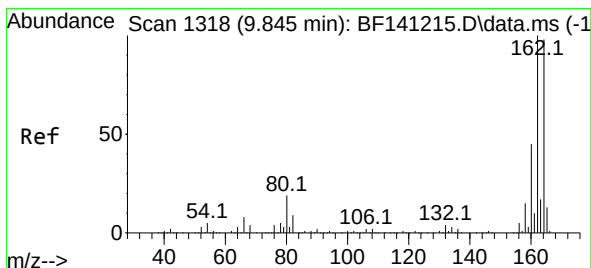
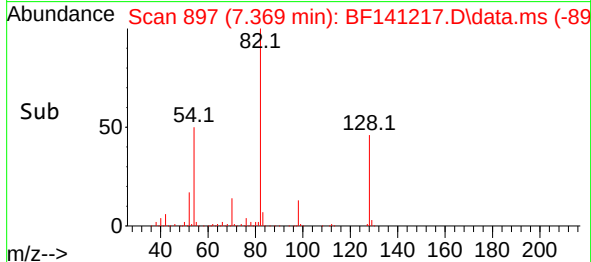
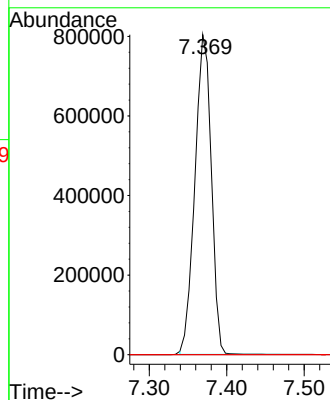
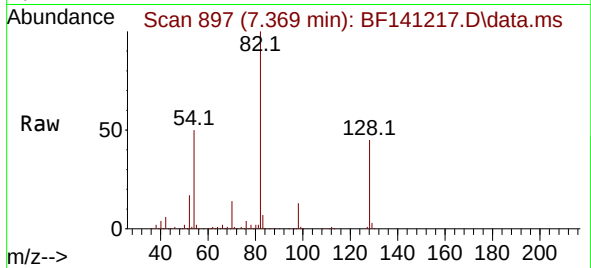




#25
Isophorone
Concen: 56.739 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.271 min
Lab File: BF141217.D
Acq: 20 Jan 2025 12:49

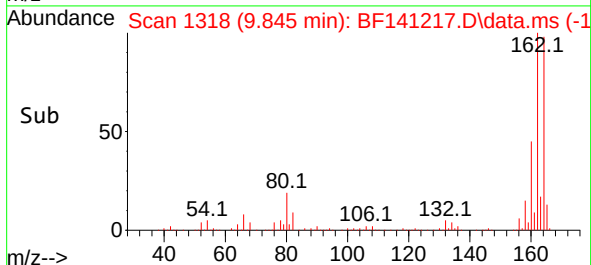
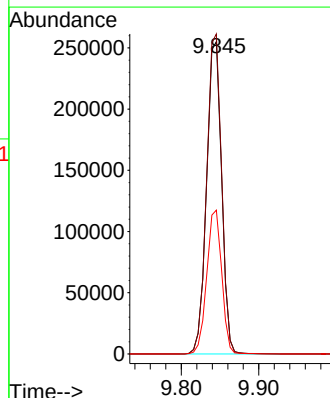
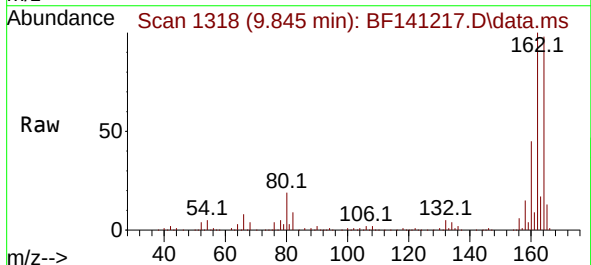
Instrument :
BNA_F
ClientSampleId :
PB166117BL

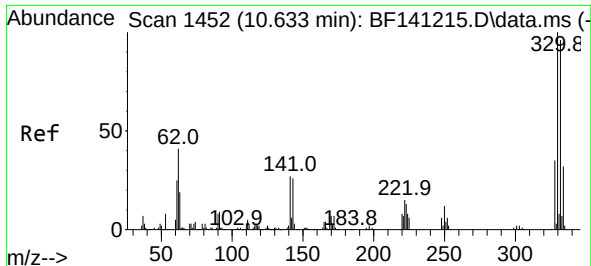
Tgt Ion: 82 Resp: 1178059
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.018 min
Lab File: BF141217.D
Acq: 20 Jan 2025 12:49

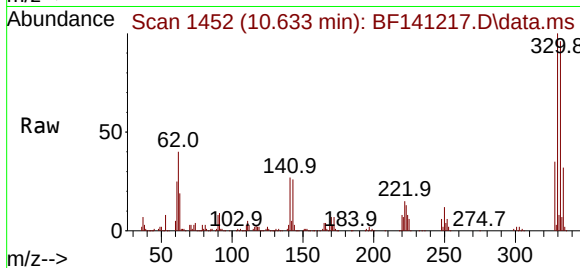
Tgt Ion:164 Resp: 342991
Ion Ratio Lower Upper
164 100
162 102.5 81.0 121.4
160 46.1 36.1 54.1



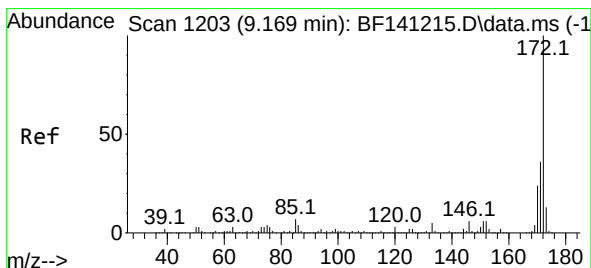
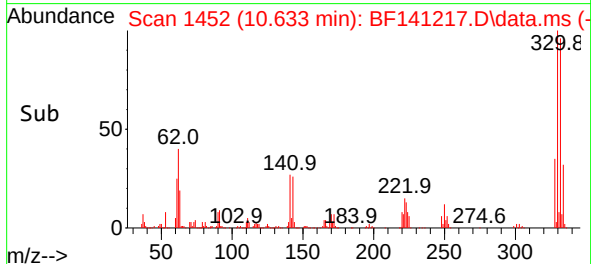
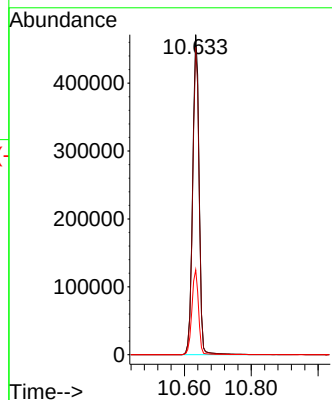


#42
2,4,6-Tribromophenol
Concen: 161.793 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF141217.D
Acq: 20 Jan 2025 12:49

Instrument :
BNA_F
ClientSampleId :
PB166117BL

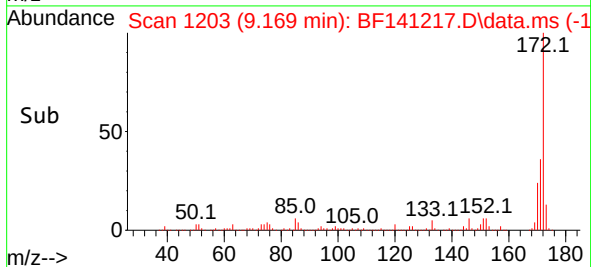
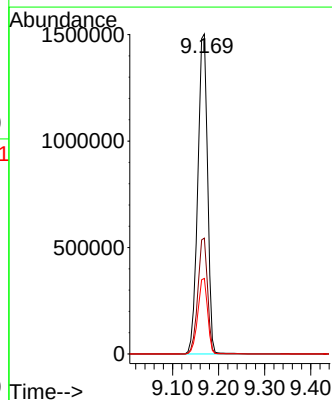
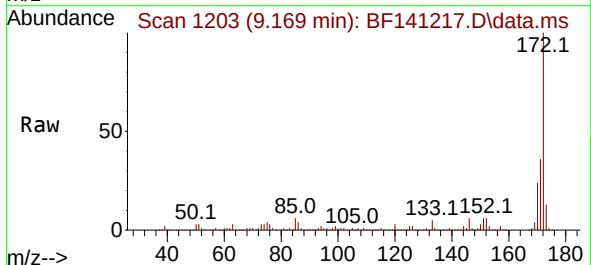


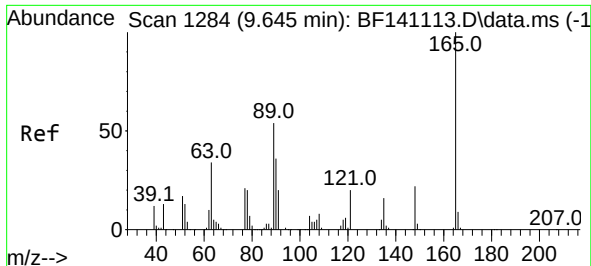
Tgt Ion: 330 Resp: 632313
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 27.1 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 98.569 ng
RT: 9.169 min Scan# 1203
Delta R.T. -0.012 min
Lab File: BF141217.D
Acq: 20 Jan 2025 12:49

Tgt Ion: 172 Resp: 2213976
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 23.6 19.0 28.6

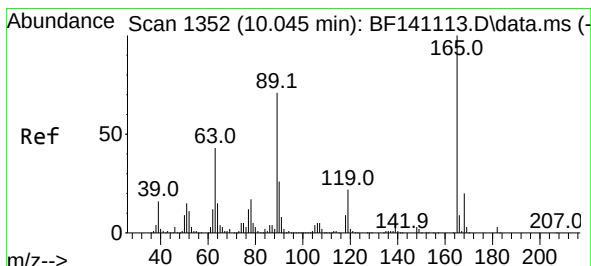
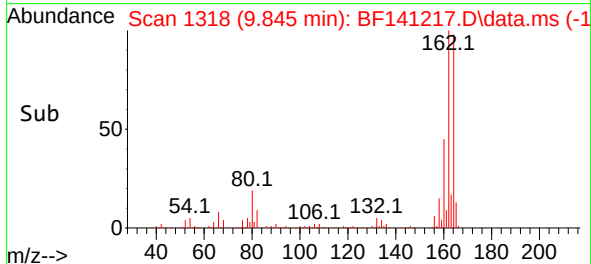
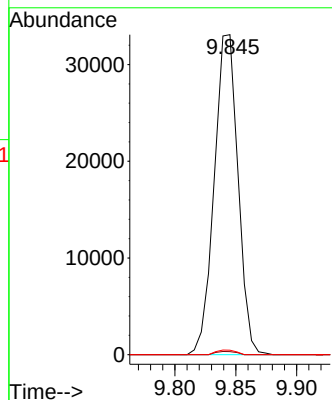
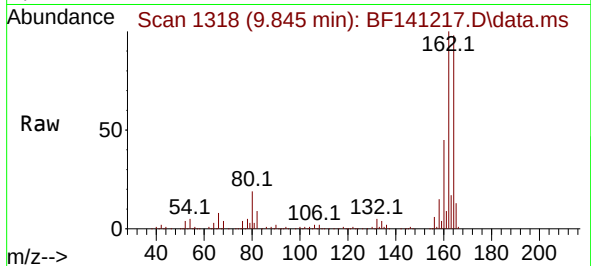




#51
2,6-Dinitrotoluene
Concen: 8.407 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF141217.D
Acq: 20 Jan 2025 12:49

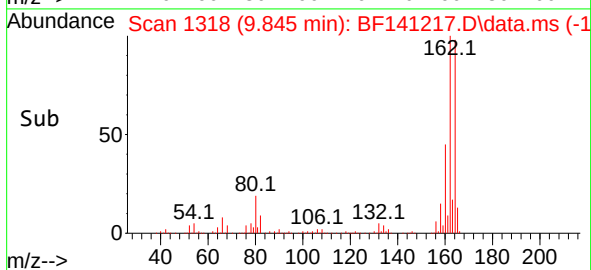
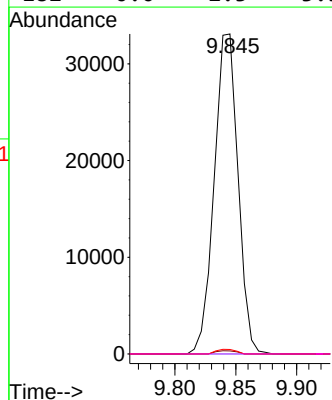
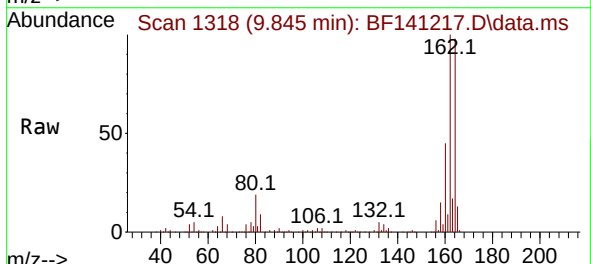
Instrument :
BNA_F
ClientSampleId :
PB166117BL

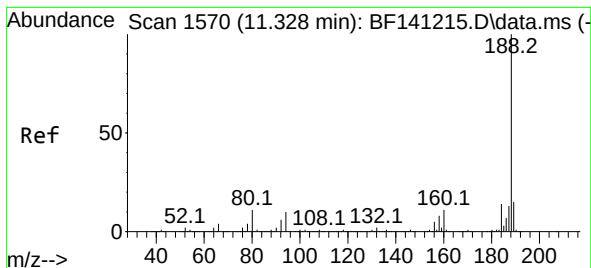
Tgt Ion:165 Resp: 45017
Ion Ratio Lower Upper
165 100
63 1.0 42.3 63.5#
89 1.4 43.1 64.7#



#57
2,4-Dinitrotoluene
Concen: 6.524 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF141217.D
Acq: 20 Jan 2025 12:49

Tgt Ion:165 Resp: 45017
Ion Ratio Lower Upper
165 100
63 1.0 35.0 52.4#
89 1.4 56.7 85.1#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141217.D

Acq: 20 Jan 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB166117BL

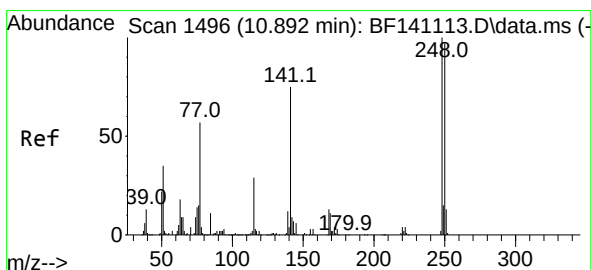
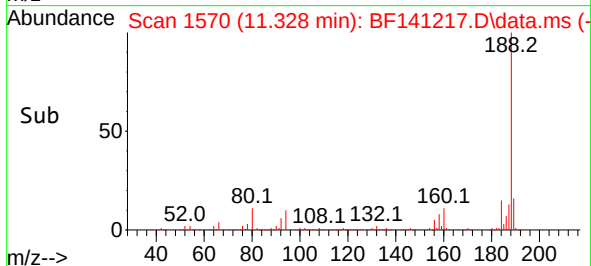
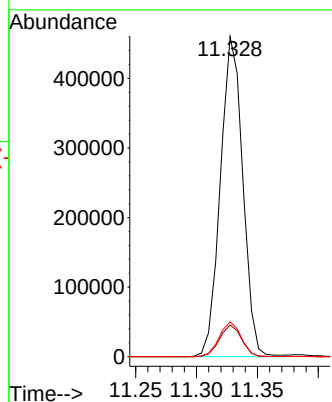
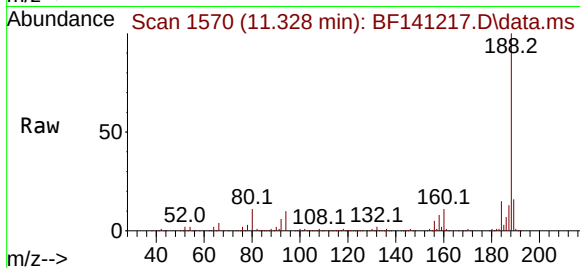
Tgt Ion:188 Resp: 588711

Ion Ratio Lower Upper

188 100

94 9.9 8.3 12.5

80 10.9 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.422 ng

RT: 10.633 min Scan# 1452

Delta R.T. -0.259 min

Lab File: BF141217.D

Acq: 20 Jan 2025 12:49

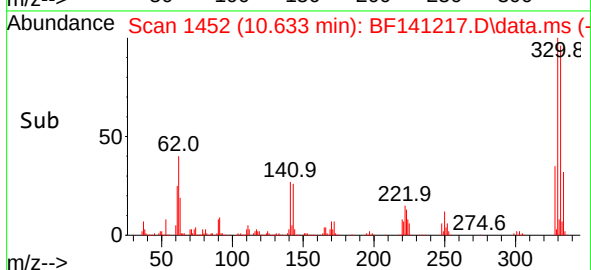
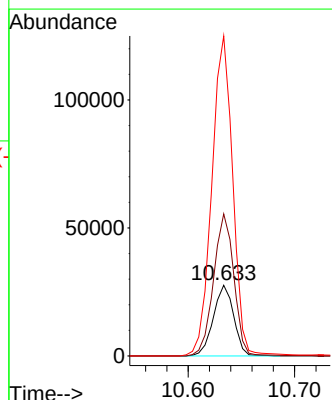
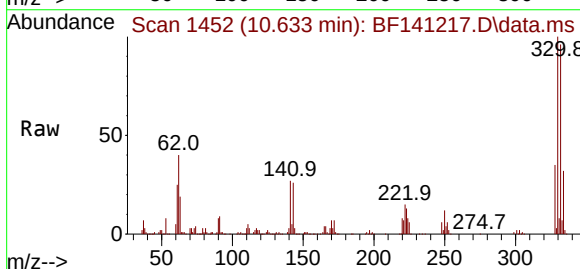
Tgt Ion:248 Resp: 36752

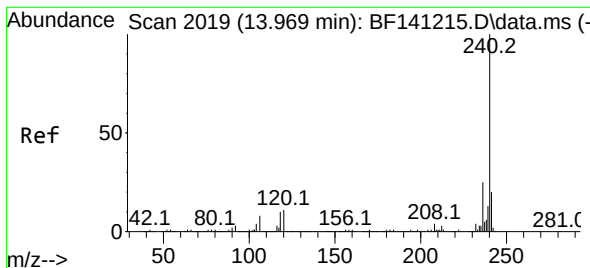
Ion Ratio Lower Upper

248 100

250 200.8 77.9 116.9#

141 452.3 59.9 89.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF141217.D

Acq: 20 Jan 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB166117BL

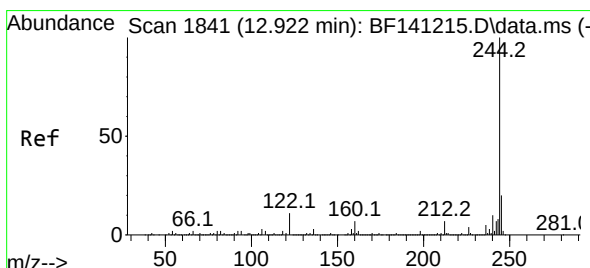
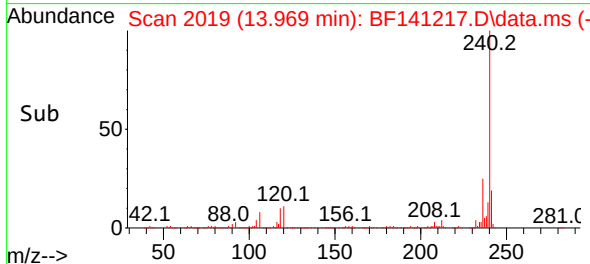
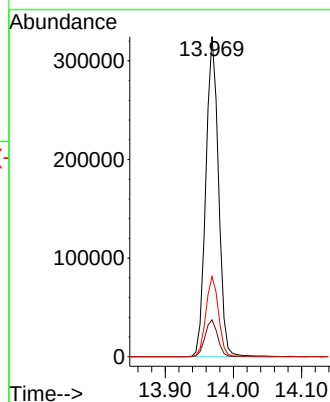
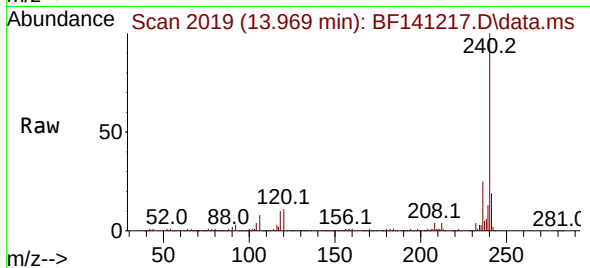
Tgt Ion:240 Resp: 419427

Ion Ratio Lower Upper

240 100

120 11.5 9.1 13.7

236 25.1 19.8 29.6



#79

Terphenyl-d14

Concen: 92.335 ng

RT: 12.922 min Scan# 1841

Delta R.T. -0.012 min

Lab File: BF141217.D

Acq: 20 Jan 2025 12:49

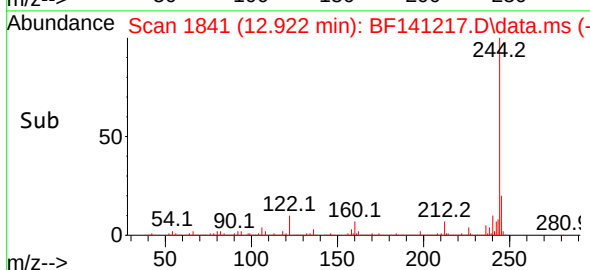
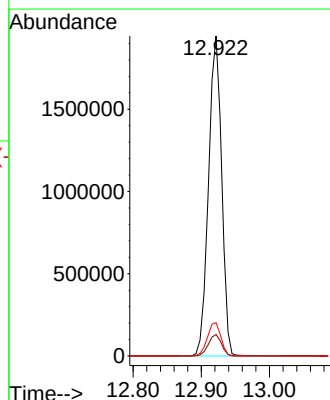
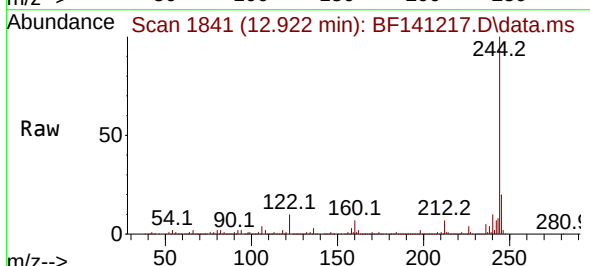
Tgt Ion:244 Resp: 2605646

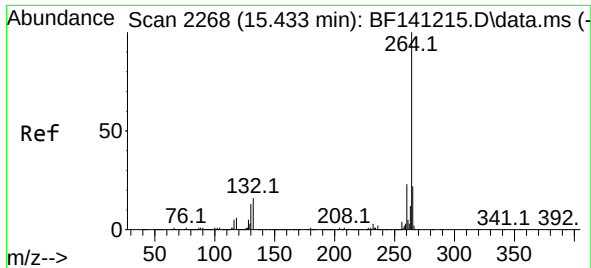
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

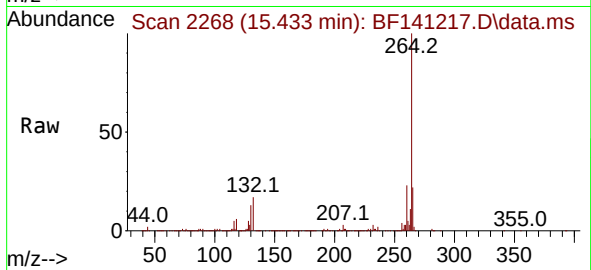
122 10.4 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF141217.D
Acq: 20 Jan 2025 12:49

Instrument :
BNA_F
ClientSampleId :
PB166117BL



Tgt Ion:264 Resp: 332363
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 21.8 17.4 26.0

