

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
 Data File : BF142620.D
 Acq On : 04 Jun 2025 21:46
 Operator : RC/JU
 Sample : Q2185-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 05 01:28:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

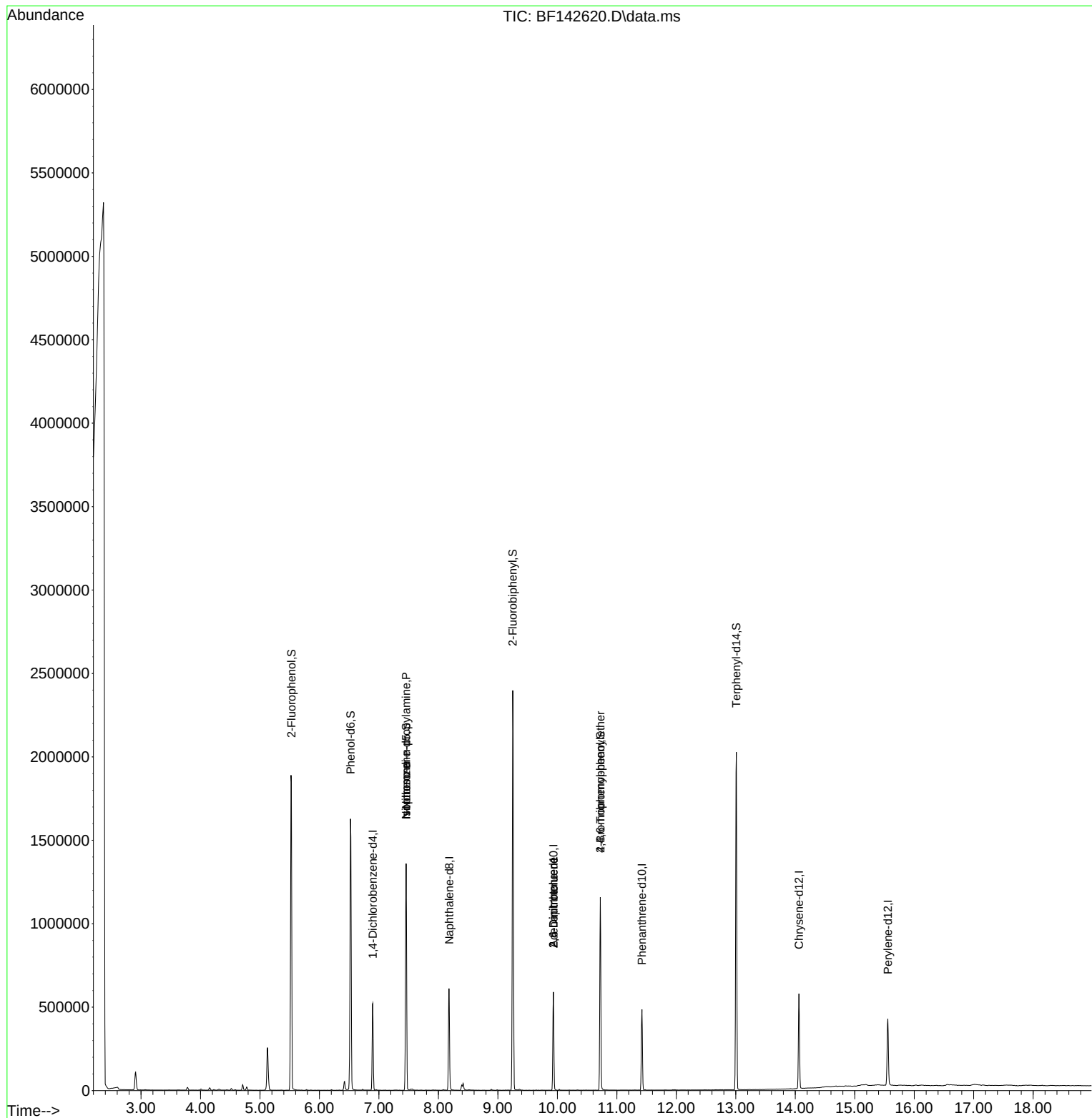
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	117019	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	410863	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	175133	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	249995	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	276411	20.000	ng	-0.01
86) Perylene-d12	15.557	264	233679	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	766923	110.416	ng	0.01
7) Phenol-d6	6.522	99	800245	95.711	ng	-0.01
23) Nitrobenzene-d5	7.457	82	586734	77.870	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	202321	104.088	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	1092773	83.728	ng	-0.02
79) Terphenyl-d14	13.010	244	1020581	50.456	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	78442	15.138	ng	# 76
25) Isophorone	7.457	82	549789	43.642	ng	# 63
51) 2,6-Dinitrotoluene	9.933	165	22557	9.044	ng	# 28
57) 2,4-Dinitrotoluene	9.933	165	22557	6.925	ng	# 28
67) 4-Bromophenyl-phenylether	10.722	248	12693	4.294	ng	# 1

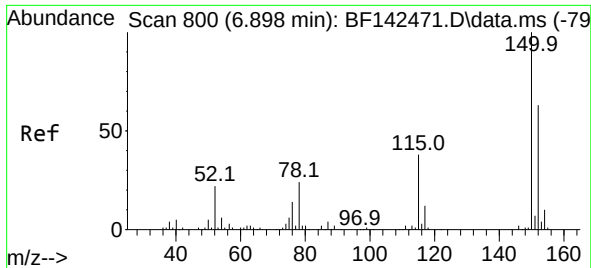
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142620.D
Acq On : 04 Jun 2025 21:46
Operator : RC/JU
Sample : Q2185-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

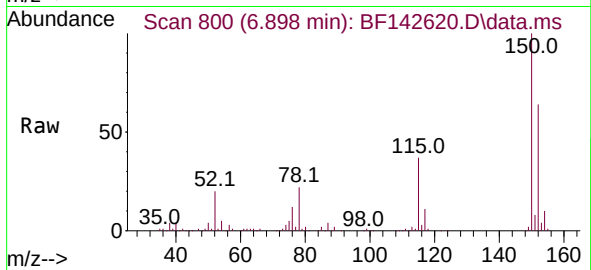
Quant Time: Jun 05 01:28:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



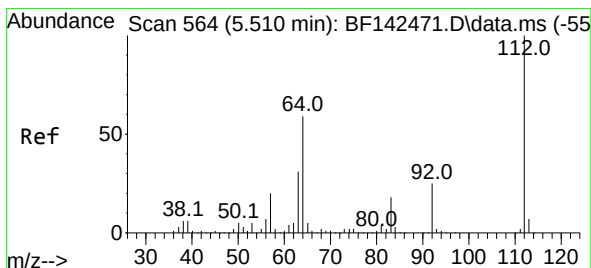
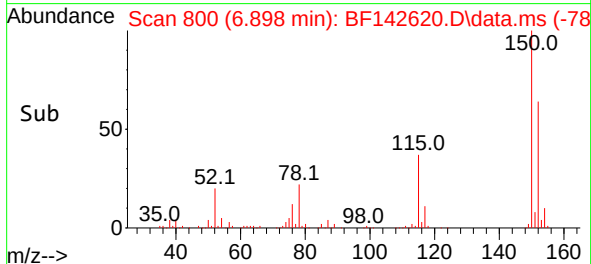
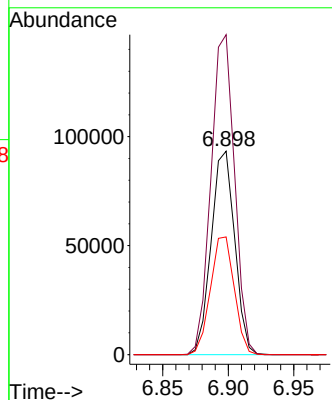


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142620.D
Acq: 04 Jun 2025 21:46

Instrument :
BNA_F
ClientSampleId :

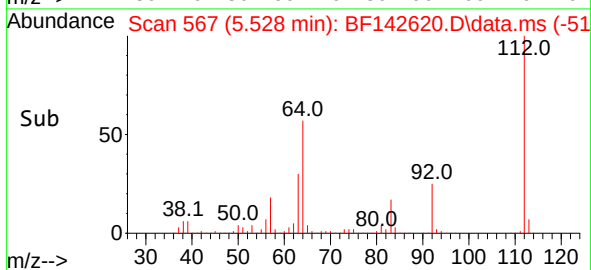
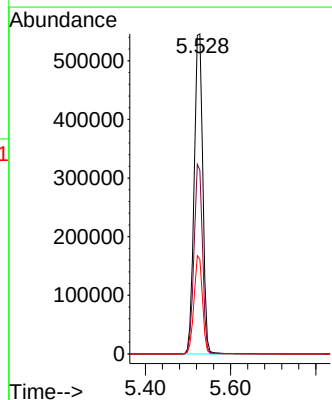
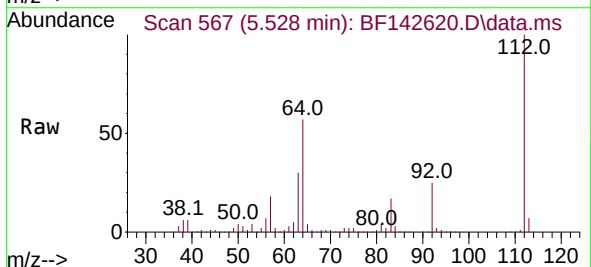


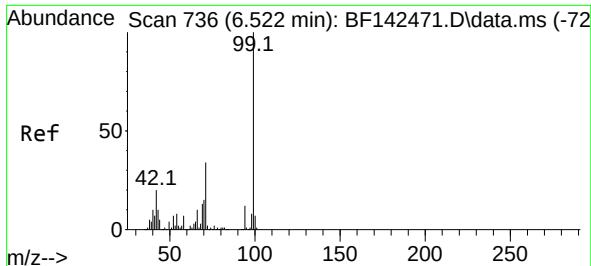
Tgt Ion:152 Resp: 117019
Ion Ratio Lower Upper
152 100
150 157.3 128.2 192.4
115 57.8 48.3 72.5



#5
2-Fluorophenol
Concen: 110.416 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142620.D
Acq: 04 Jun 2025 21:46

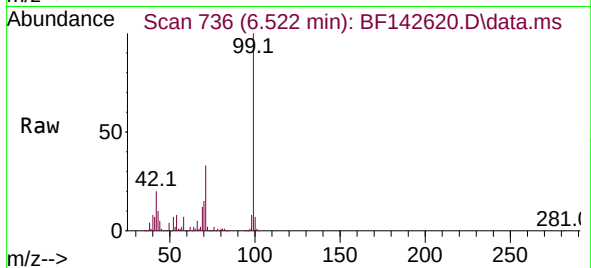
Tgt Ion:112 Resp: 766923
Ion Ratio Lower Upper
112 100
64 57.4 47.5 71.3
63 29.5 24.9 37.3



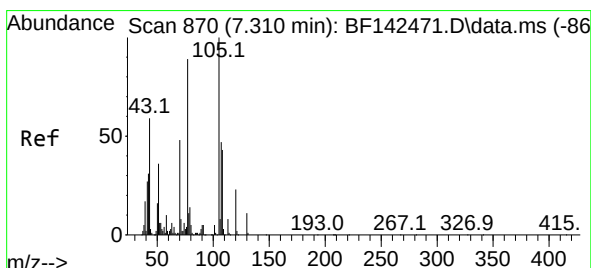
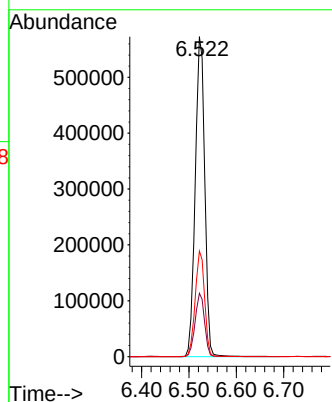
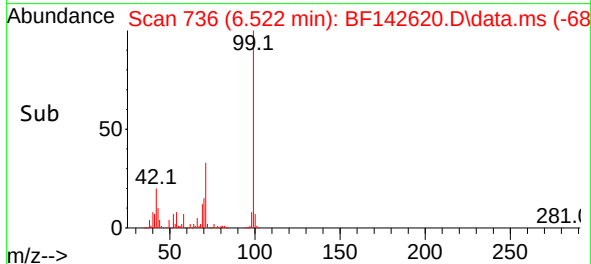


#7
Phenol-d6
Concen: 95.711 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF142620.D
Acq: 04 Jun 2025 21:46

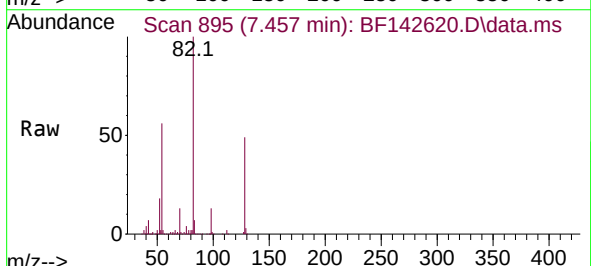
Instrument :
BNA_F
ClientSampleId :



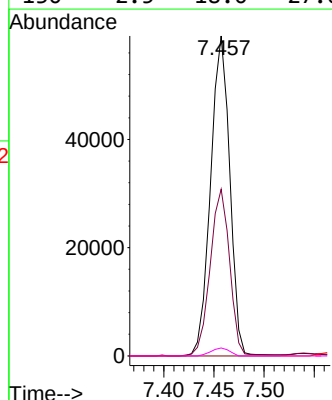
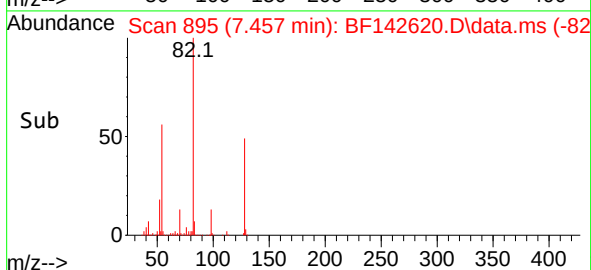
Tgt Ion: 99 Resp: 800245
Ion Ratio Lower Upper
99 100
42 19.8 16.2 24.2
71 33.0 27.3 40.9

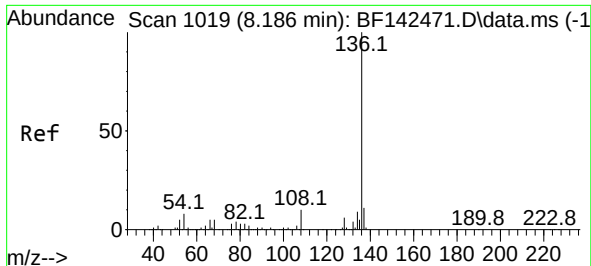


#19
n-Nitroso-di-n-propylamine
Concen: 15.138 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.130 min
Lab File: BF142620.D
Acq: 04 Jun 2025 21:46



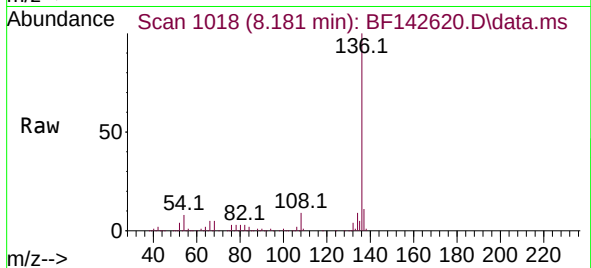
Tgt Ion: 70 Resp: 78442
Ion Ratio Lower Upper
70 100
42 52.1 52.4 78.6#
101 0.0 7.8 11.8#
130 2.5 18.0 27.0#



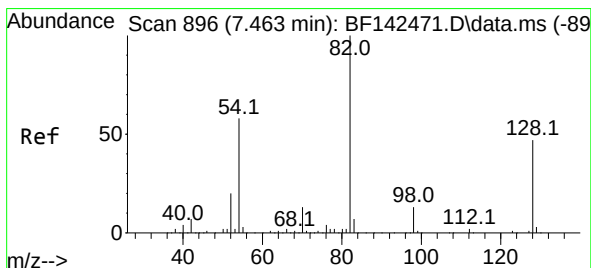
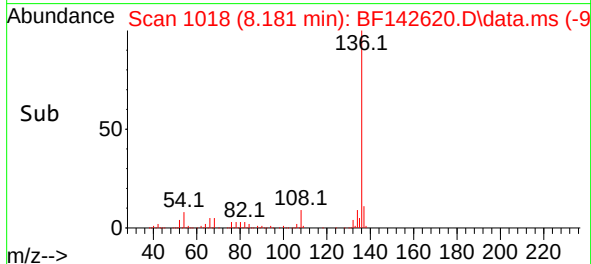
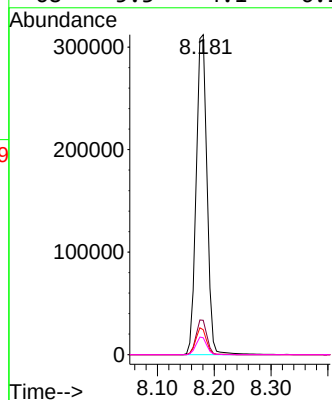


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142620.D
Acq: 04 Jun 2025 21:46

Instrument :
BNA_F
ClientSampleId :

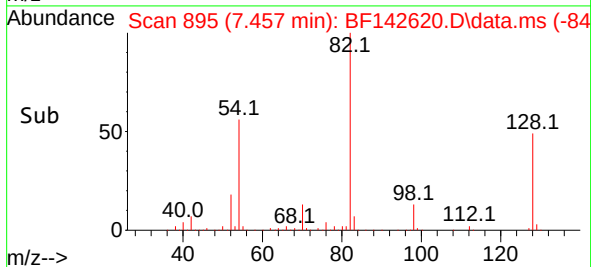
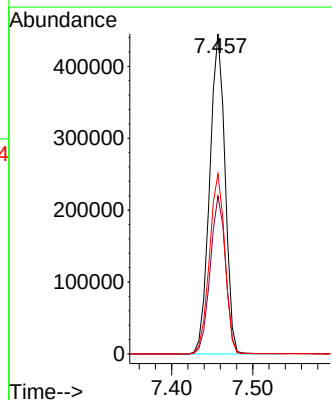
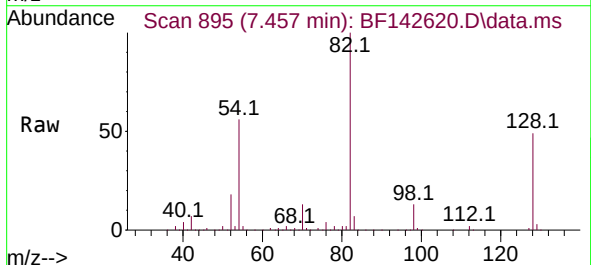


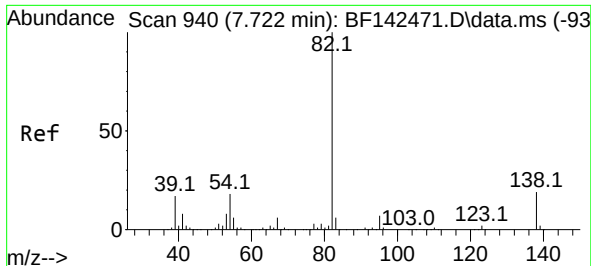
Tgt Ion:136 Resp: 410863
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.8 6.6 10.0
68 5.3 4.1 6.1



#23
Nitrobenzene-d5
Concen: 77.870 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF142620.D
Acq: 04 Jun 2025 21:46

Tgt Ion: 82 Resp: 586734
Ion Ratio Lower Upper
82 100
128 49.3 37.4 56.2
54 56.3 46.6 70.0

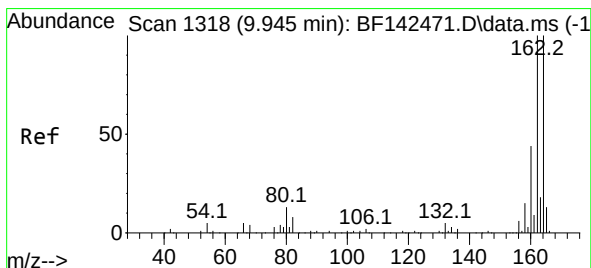
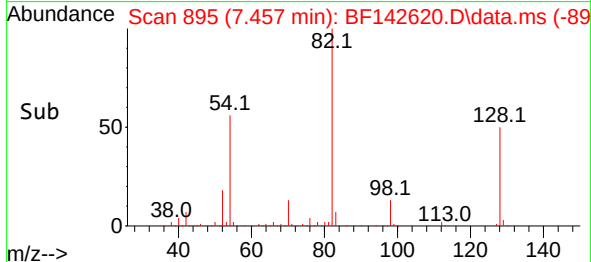
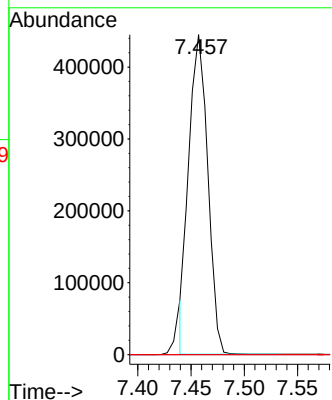
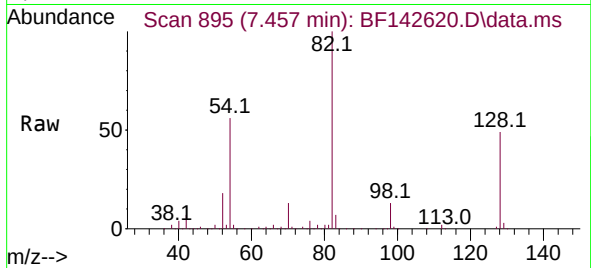




#25
Isophorone
Concen: 43.642 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF142620.D
Acq: 04 Jun 2025 21:46

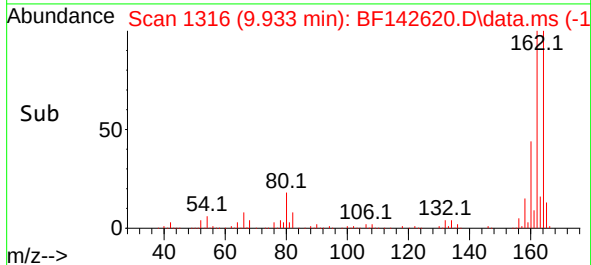
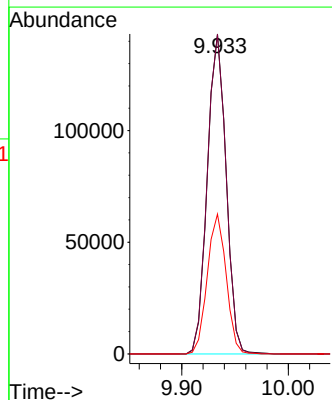
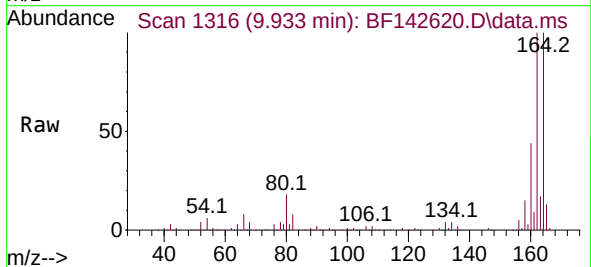
Instrument :
BNA_F
ClientSampleId :

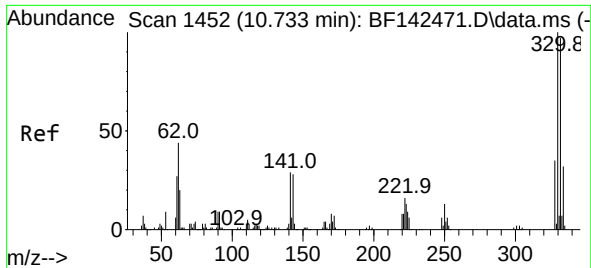
Tgt Ion: 82 Resp: 549789
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.5 23.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142620.D
Acq: 04 Jun 2025 21:46

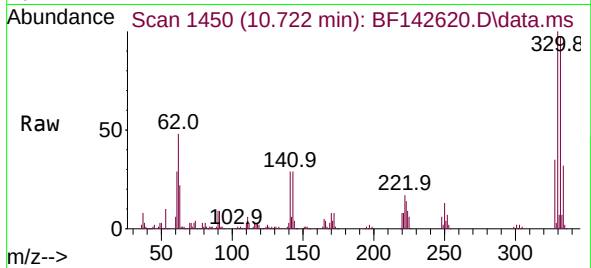
Tgt Ion:164 Resp: 175133
Ion Ratio Lower Upper
164 100
162 99.8 80.2 120.4
160 43.7 35.6 53.4



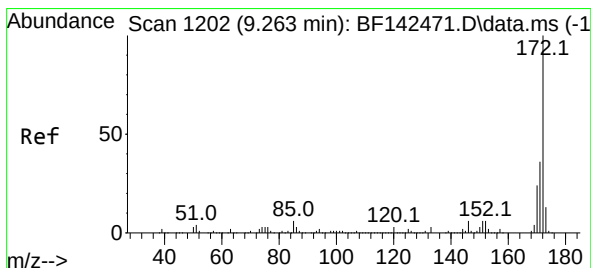
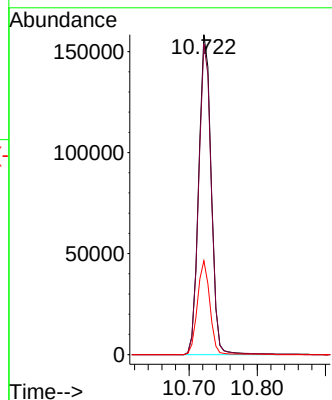
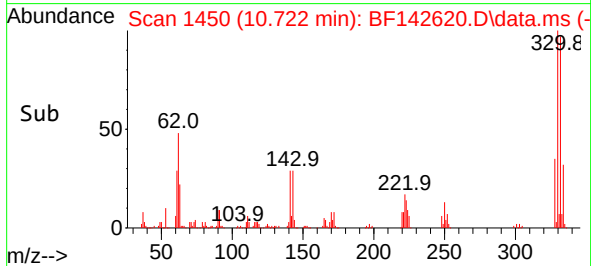


#42
 2,4,6-Tribromophenol
 Concen: 104.088 ng
 RT: 10.722 min Scan# 14
 Delta R.T. -0.018 min
 Lab File: BF142620.D
 Acq: 04 Jun 2025 21:46

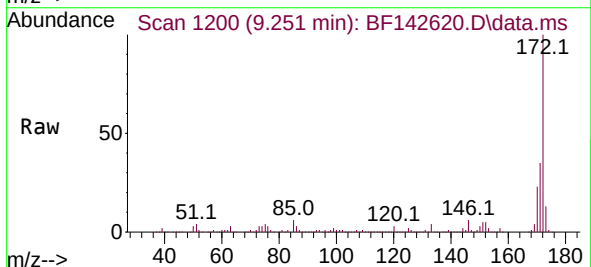
Instrument :
 BNA_F
 ClientSampleId :



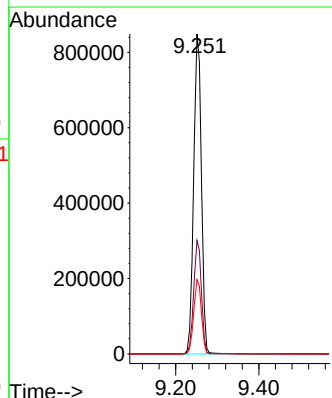
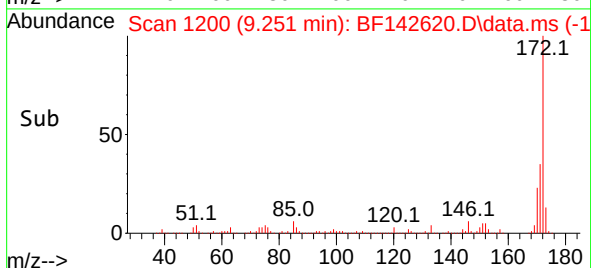
Tgt Ion:330 Resp: 202321
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.6 116.4
 141 29.2 24.6 36.8

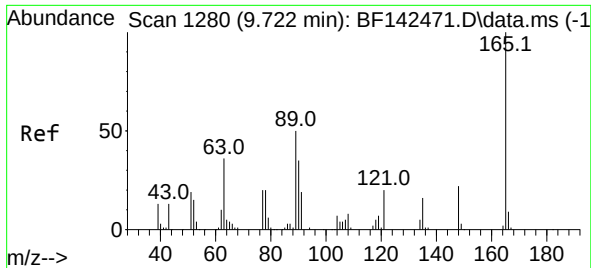


#45
 2-Fluorobiphenyl
 Concen: 83.728 ng
 RT: 9.251 min Scan# 1200
 Delta R.T. -0.018 min
 Lab File: BF142620.D
 Acq: 04 Jun 2025 21:46



Tgt Ion:172 Resp: 1092773
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 42.8
 170 23.2 18.9 28.3

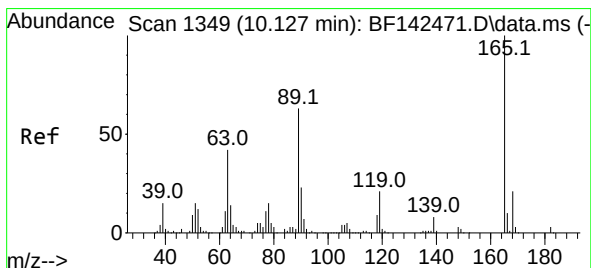
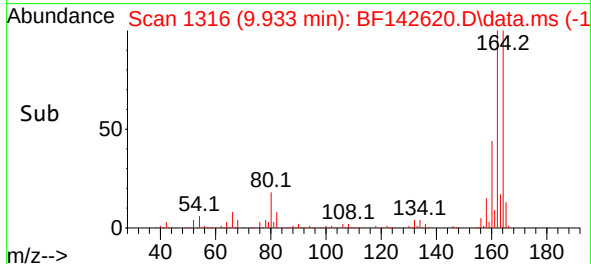
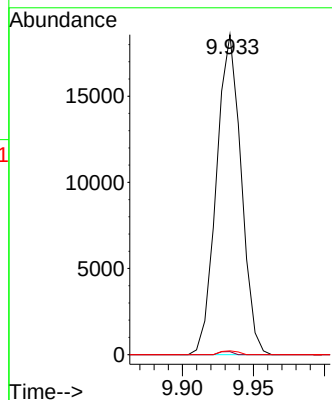
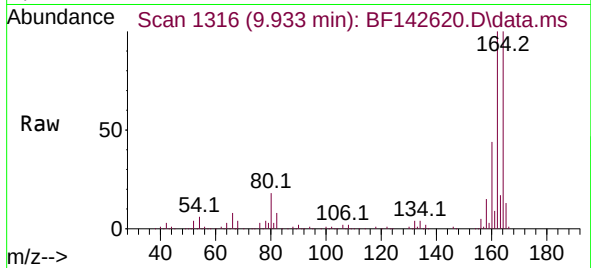




#51
2,6-Dinitrotoluene
Concen: 9.044 ng
RT: 9.933 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF142620.D
Acq: 04 Jun 2025 21:46

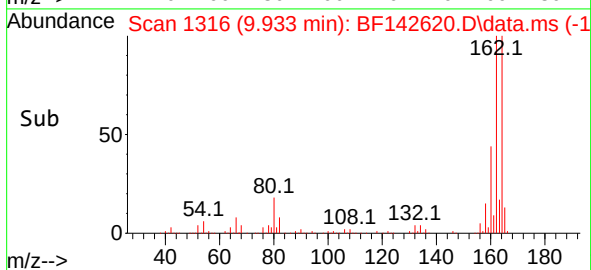
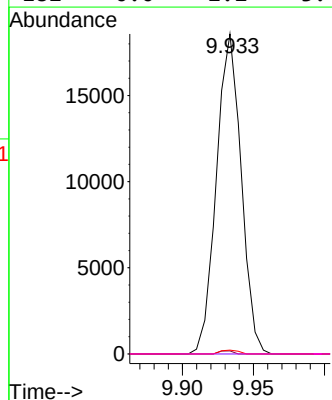
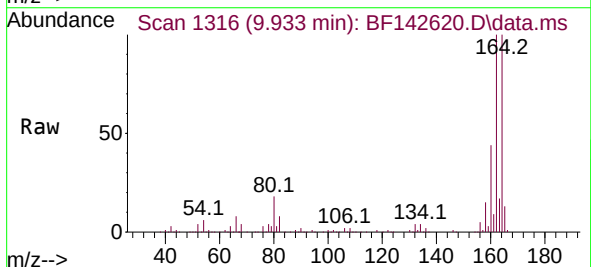
Instrument :
BNA_F
ClientSampleId :

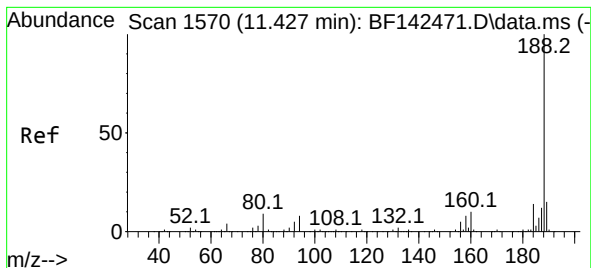
Tgt Ion:165 Resp: 22557
Ion Ratio Lower Upper
165 100
63 0.9 42.9 64.3#
89 1.2 40.2 60.4#



#57
2,4-Dinitrotoluene
Concen: 6.925 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.200 min
Lab File: BF142620.D
Acq: 04 Jun 2025 21:46

Tgt Ion:165 Resp: 22557
Ion Ratio Lower Upper
165 100
63 0.9 33.6 50.4#
89 1.2 50.2 75.4#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142620.D

Acq: 04 Jun 2025 21:46

Instrument :

BNA_F

ClientSampleId :

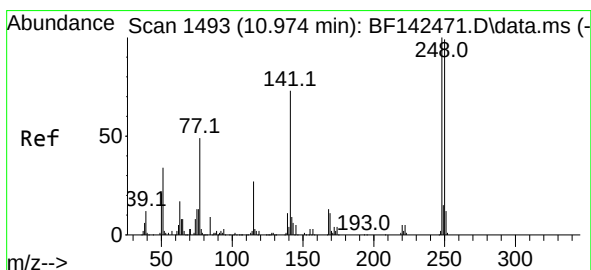
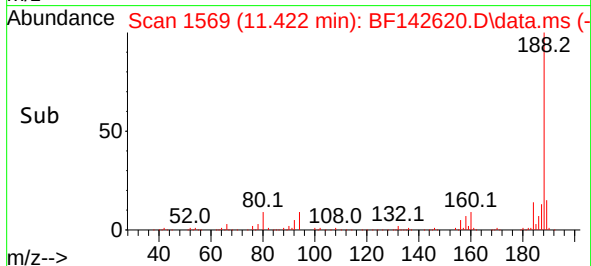
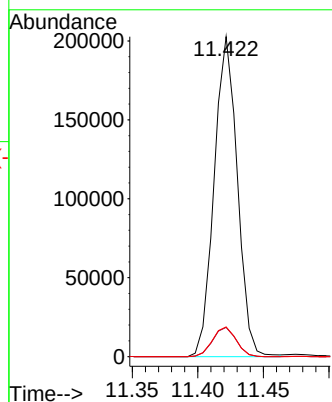
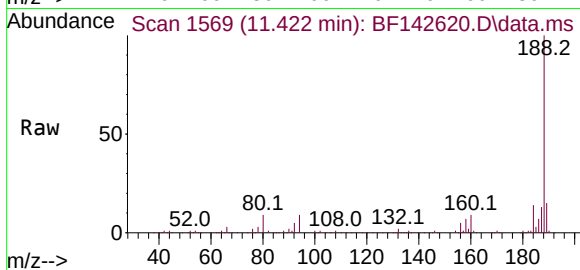
Tgt Ion:188 Resp: 249995

Ion Ratio Lower Upper

188 100

94 9.1 6.6 10.0

80 9.3 7.4 11.0



#67

4-Bromophenyl-phenylether

Concen: 4.294 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.253 min

Lab File: BF142620.D

Acq: 04 Jun 2025 21:46

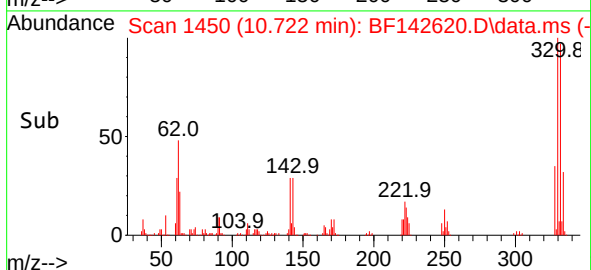
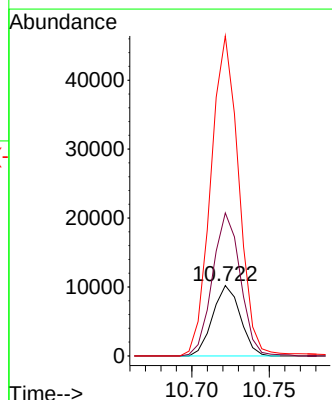
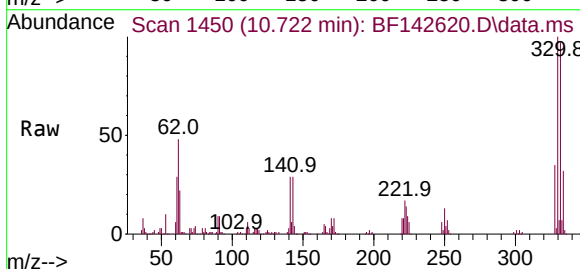
Tgt Ion:248 Resp: 12693

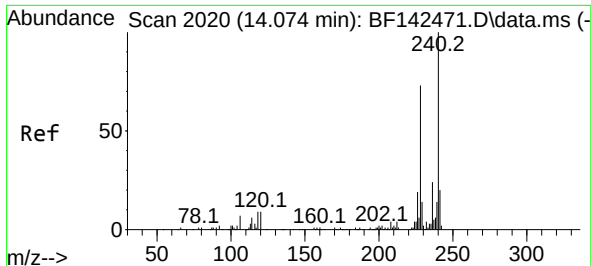
Ion Ratio Lower Upper

248 100

250 203.1 79.0 118.4#

141 454.5 58.4 87.6#

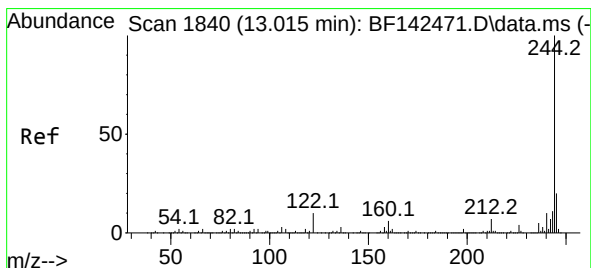
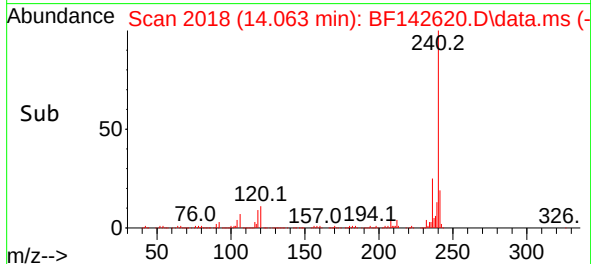
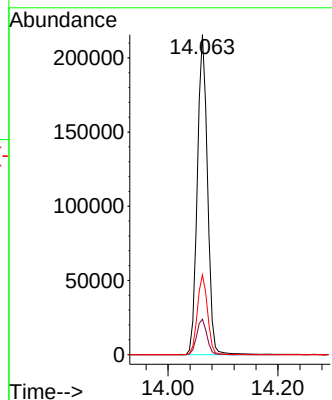
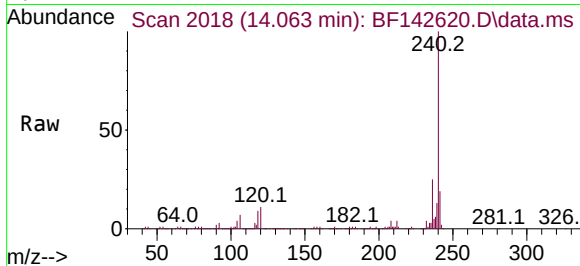




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF142620.D
Acq: 04 Jun 2025 21:46

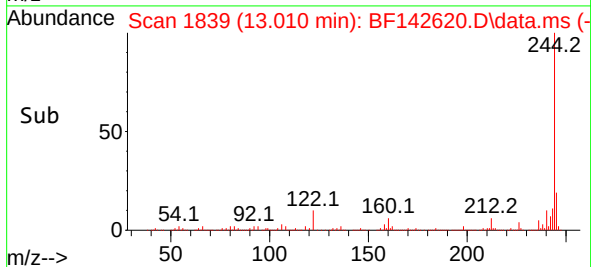
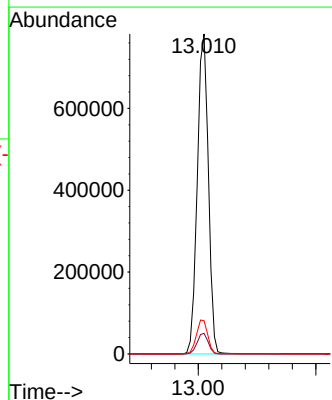
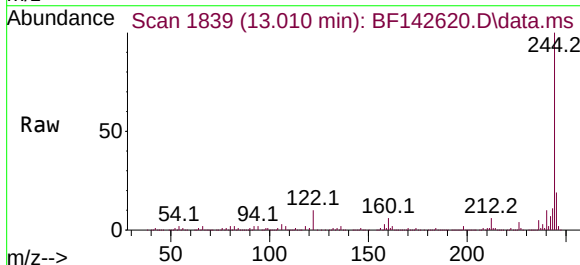
Instrument :
BNA_F
ClientSampleId :

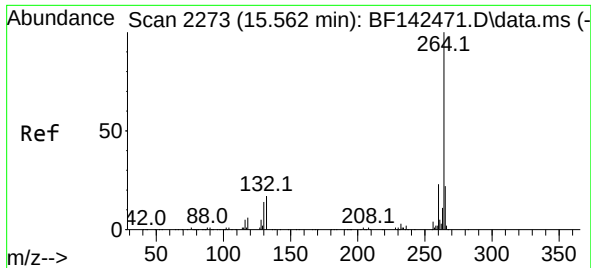
Tgt Ion:240 Resp: 276411
Ion Ratio Lower Upper
240 100
120 11.1 7.5 11.3
236 24.9 19.6 29.4



#79
Terphenyl-d14
Concen: 50.456 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142620.D
Acq: 04 Jun 2025 21:46

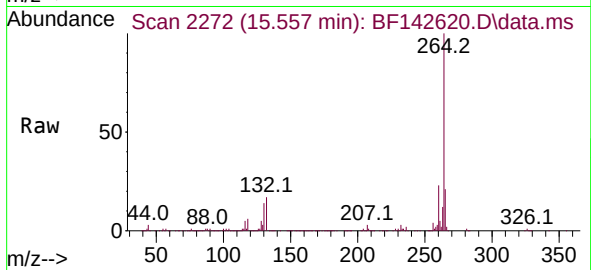
Tgt Ion:244 Resp: 1020581
Ion Ratio Lower Upper
244 100
212 6.4 5.3 7.9
122 10.4 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142620.D
Acq: 04 Jun 2025 21:46

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 233679
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.0 17.7 26.5

