

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
 Data File : BF142619.D
 Acq On : 04 Jun 2025 21:17
 Operator : RC/JU
 Sample : Q2172-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 05 01:28:03 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)

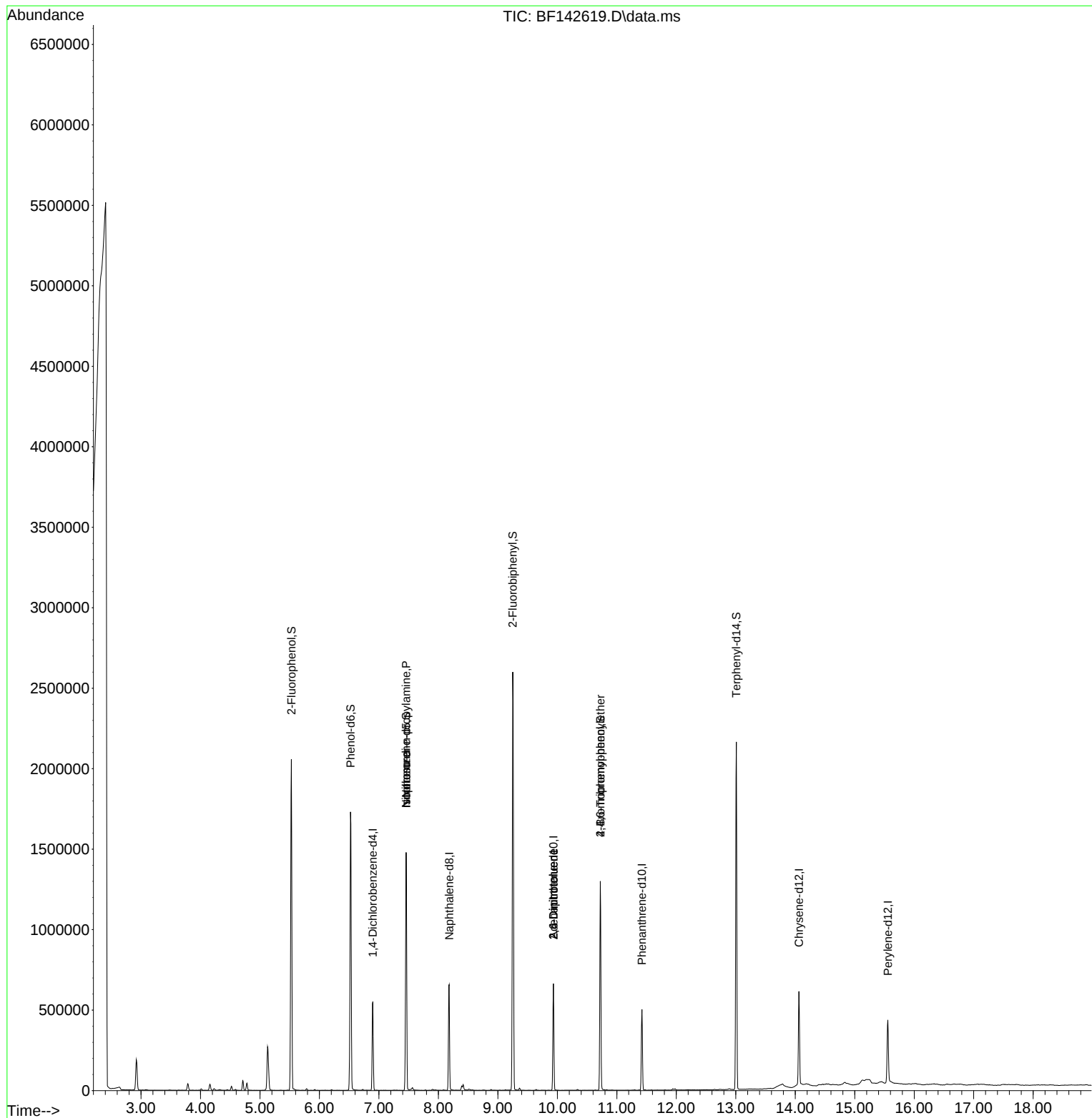
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	125664	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	441541	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	193865	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	259233	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	275797	20.000	ng	-0.01
86) Perylene-d12	15.557	264	229821	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	822439	110.263	ng	0.01
7) Phenol-d6	6.522	99	860247	95.810	ng	-0.01
23) Nitrobenzene-d5	7.457	82	647475	79.961	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	233630	108.581	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	1195642	82.758	ng	-0.02
79) Terphenyl-d14	13.010	244	1066872	52.862	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	87795	15.777	ng	# 74
25) Isophorone	7.457	82	611855	45.194	ng	# 63
51) 2,6-Dinitrotoluene	9.933	165	25423	9.208	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	25423	7.051	ng	# 28
67) 4-Bromophenyl-phenylether	10.722	248	14606	4.765	ng	# 1

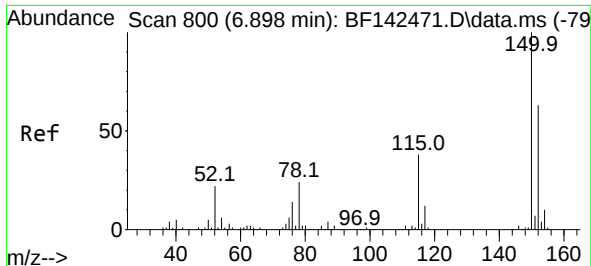
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
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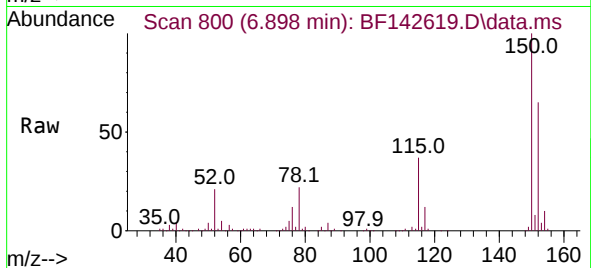
Quant Time: Jun 05 01:28:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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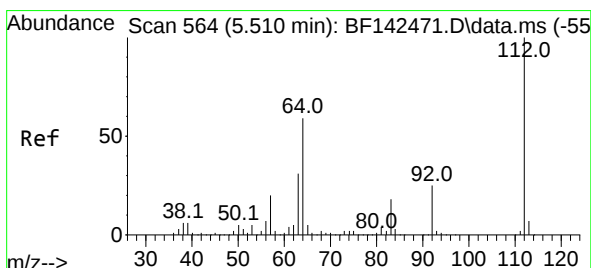
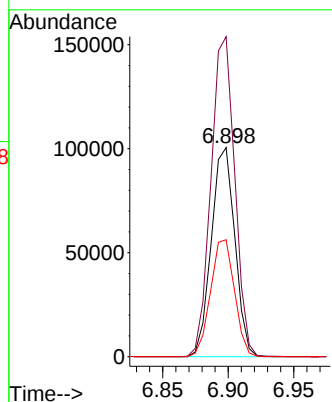
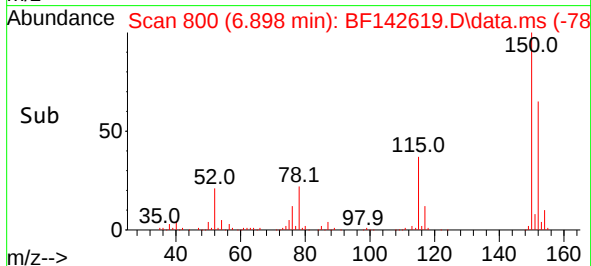


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142619.D
Acq: 04 Jun 2025 21:17

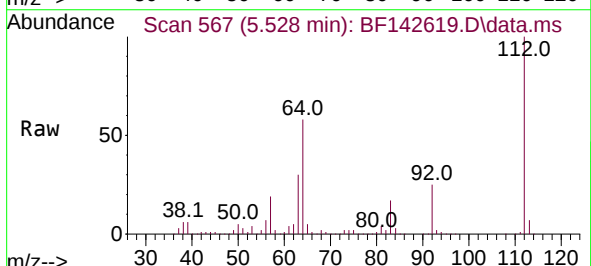
Instrument :
BNA_F
ClientSampleId :



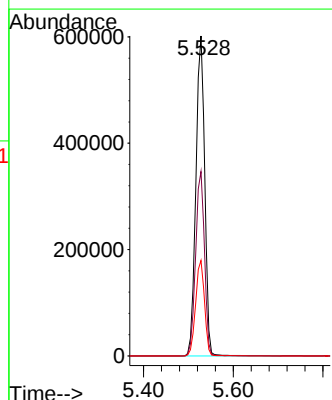
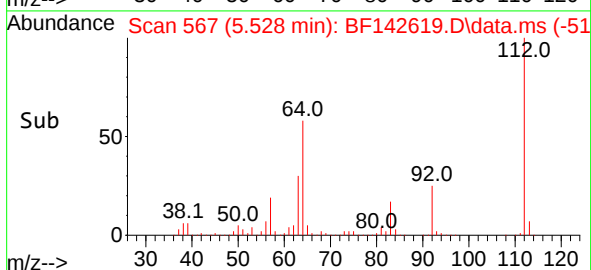
Tgt Ion:152 Resp: 125664
Ion Ratio Lower Upper
152 100
150 153.1 128.2 192.4
115 55.9 48.3 72.5

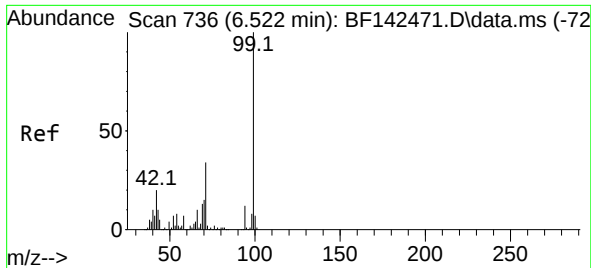


#5
2-Fluorophenol
Concen: 110.263 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142619.D
Acq: 04 Jun 2025 21:17



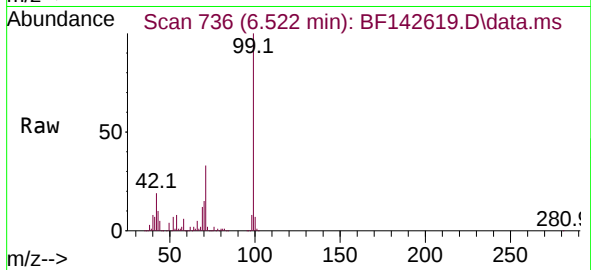
Tgt Ion:112 Resp: 822439
Ion Ratio Lower Upper
112 100
64 57.6 47.5 71.3
63 29.8 24.9 37.3



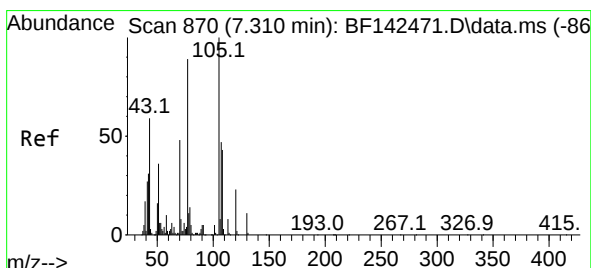
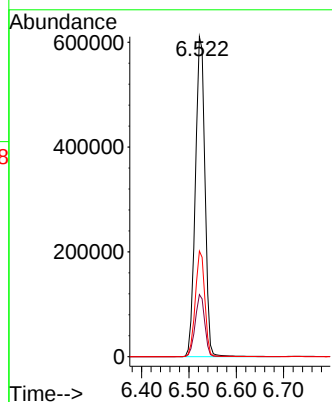
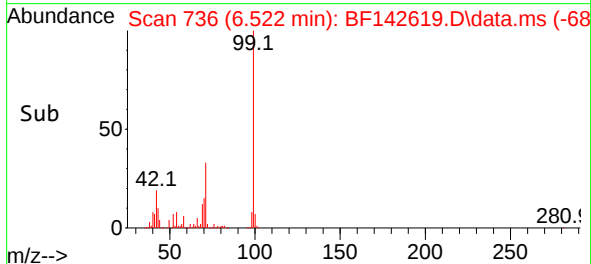


#7
Phenol-d6
Concen: 95.810 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF142619.D
Acq: 04 Jun 2025 21:17

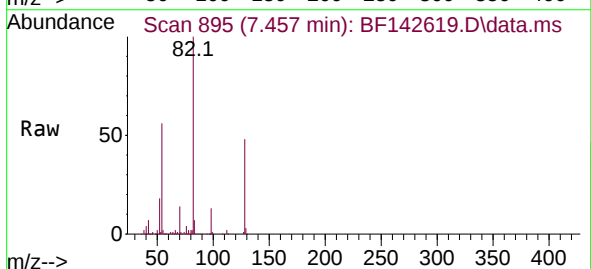
Instrument :
BNA_F
ClientSampleId :



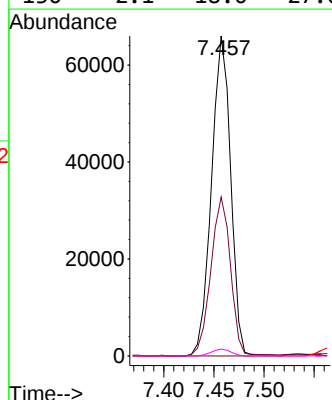
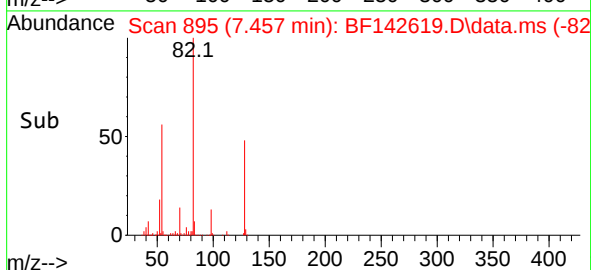
Tgt Ion: 99 Resp: 860247
Ion Ratio Lower Upper
99 100
42 19.4 16.2 24.2
71 33.0 27.3 40.9

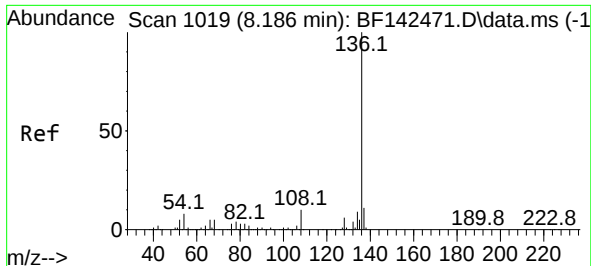


#19
n-Nitroso-di-n-propylamine
Concen: 15.777 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.130 min
Lab File: BF142619.D
Acq: 04 Jun 2025 21:17



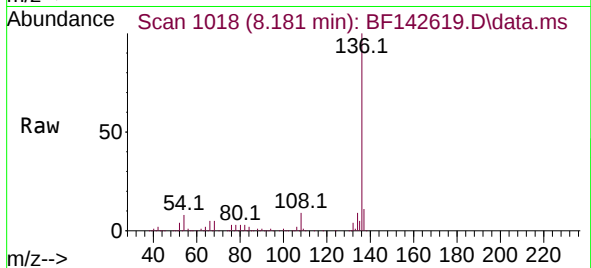
Tgt Ion: 70 Resp: 87795
Ion Ratio Lower Upper
70 100
42 49.6 52.4 78.6#
101 0.0 7.8 11.8#
130 2.1 18.0 27.0#



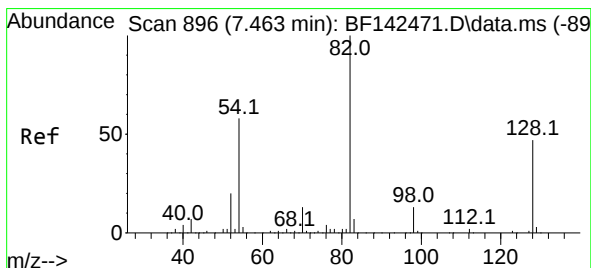
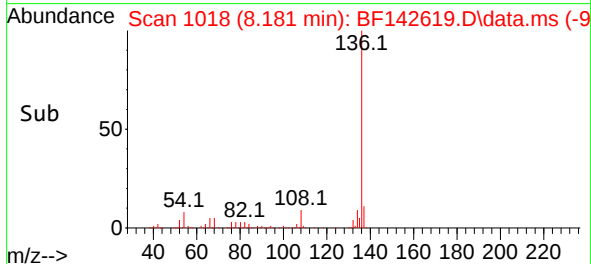
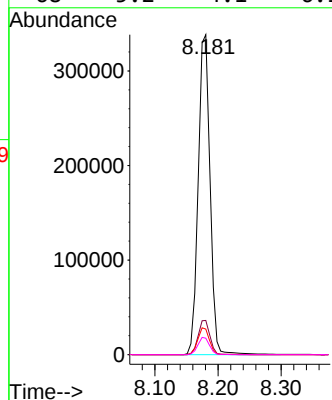


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF142619.D
Acq: 04 Jun 2025 21:17

Instrument :
BNA_F
ClientSampleId :

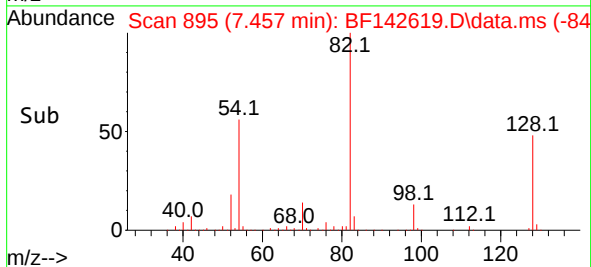
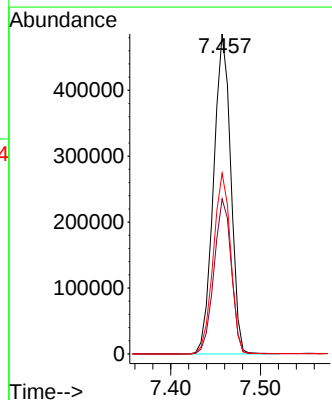
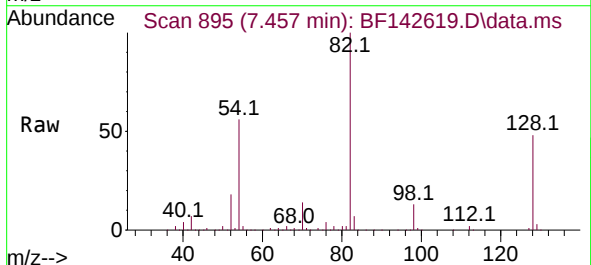


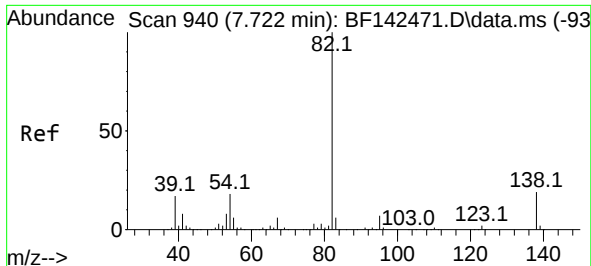
Tgt Ion:136 Resp: 441541
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.0 6.6 10.0
68 5.2 4.1 6.1



#23
Nitrobenzene-d5
Concen: 79.961 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.017 min
Lab File: BF142619.D
Acq: 04 Jun 2025 21:17

Tgt Ion: 82 Resp: 647475
Ion Ratio Lower Upper
82 100
128 48.4 37.4 56.2
54 56.5 46.6 70.0

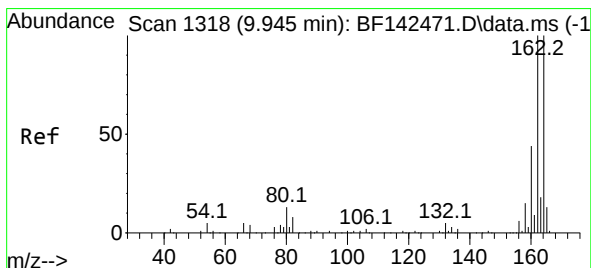
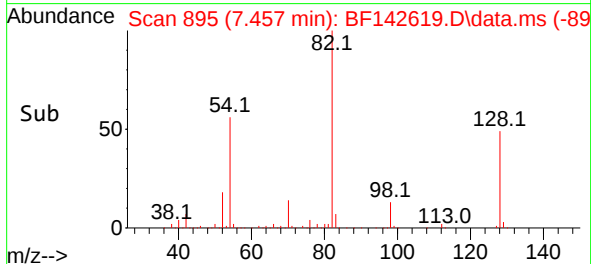
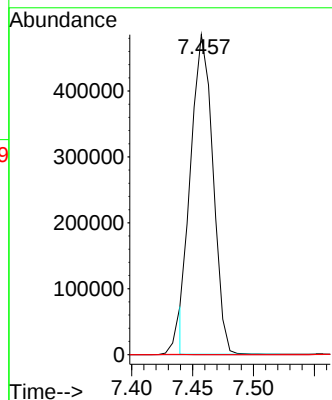
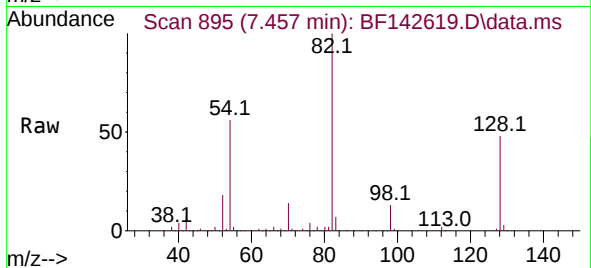




#25
Isophorone
Concen: 45.194 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF142619.D
Acq: 04 Jun 2025 21:17

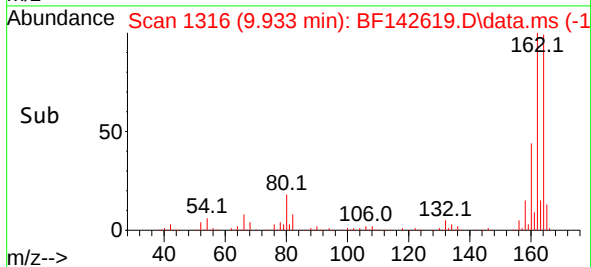
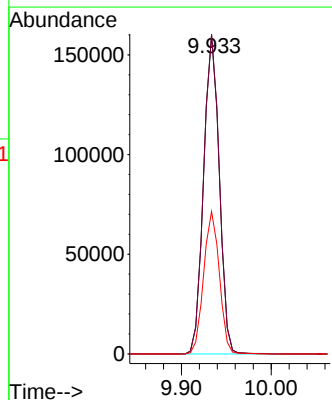
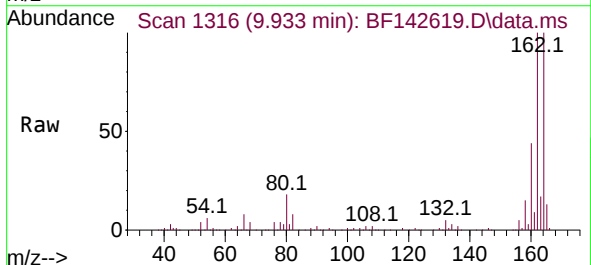
Instrument :
BNA_F
ClientSampleId :

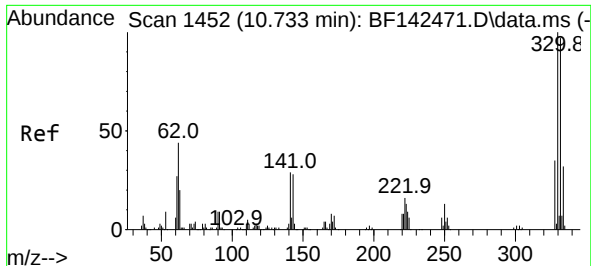
Tgt Ion: 82 Resp: 611855
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.5 23.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142619.D
Acq: 04 Jun 2025 21:17

Tgt Ion:164 Resp: 193865
Ion Ratio Lower Upper
164 100
162 100.4 80.2 120.4
160 44.7 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 108.581 ng

RT: 10.722 min Scan# 1452

Delta R.T. -0.018 min

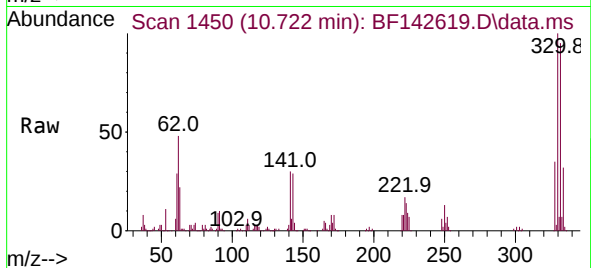
Lab File: BF142619.D

Acq: 04 Jun 2025 21:17

Instrument :

BNA_F

ClientSampleId :



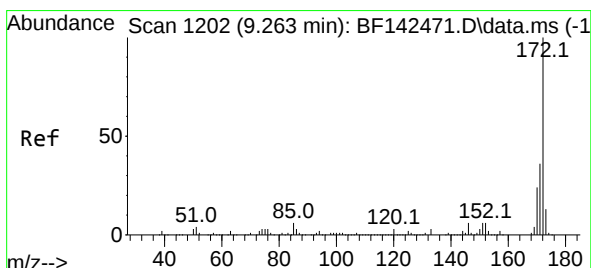
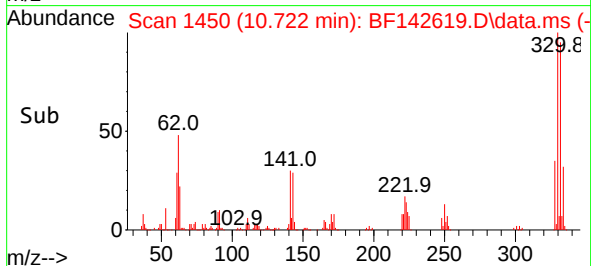
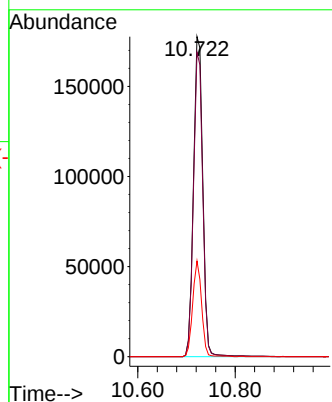
Tgt Ion:330 Resp: 233630

Ion Ratio Lower Upper

330 100

332 94.6 77.6 116.4

141 28.7 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 82.758 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.017 min

Lab File: BF142619.D

Acq: 04 Jun 2025 21:17

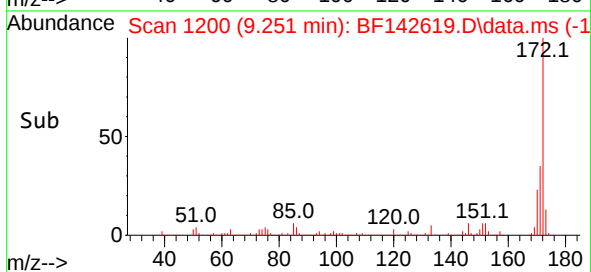
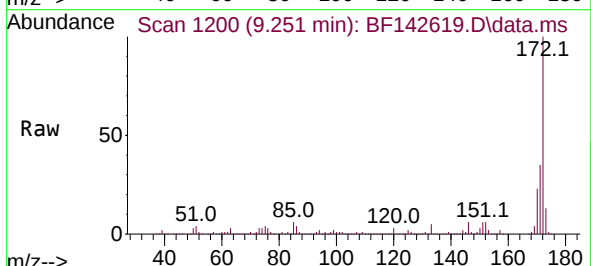
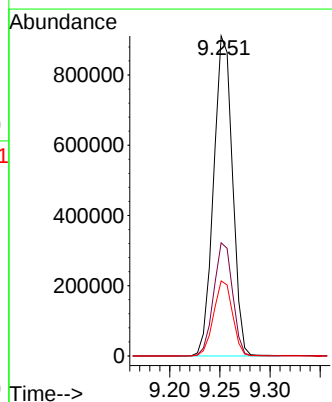
Tgt Ion:172 Resp: 1195642

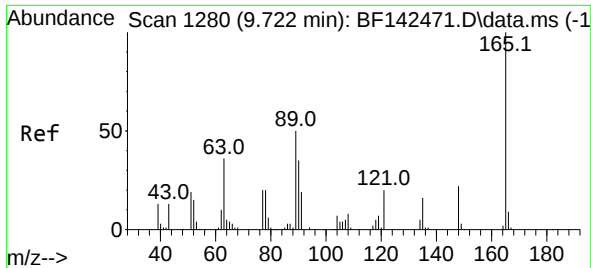
Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.4 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 9.208 ng

RT: 9.933 min Scan# 1316

Delta R.T. 0.206 min

Lab File: BF142619.D

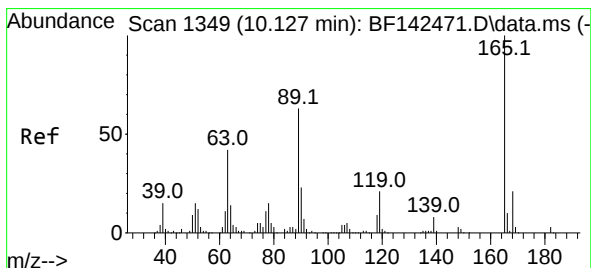
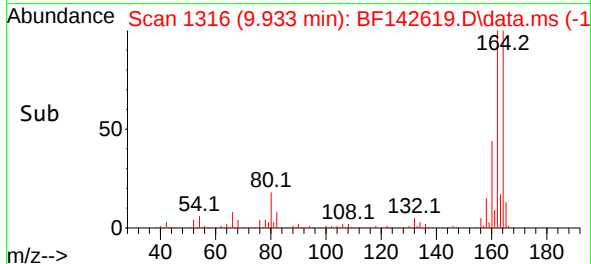
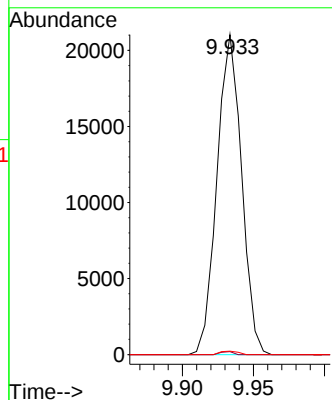
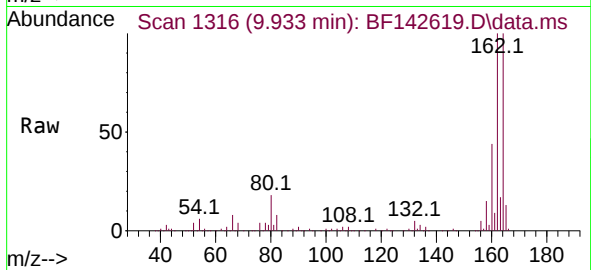
Acq: 04 Jun 2025 21:17

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:165	Resp:	25423
Ion Ratio	Lower	Upper
165	100	
63	0.9	42.9 64.3#
89	1.1	40.2 60.4#



#57

2,4-Dinitrotoluene

Concen: 7.051 ng

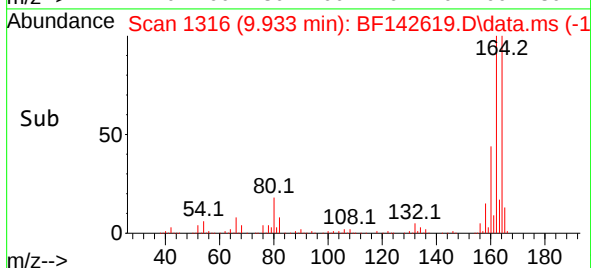
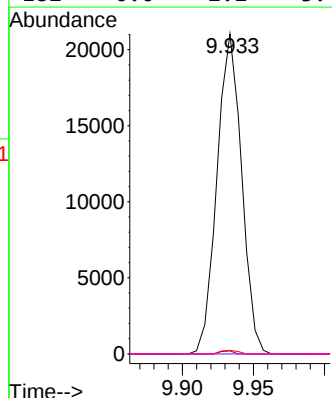
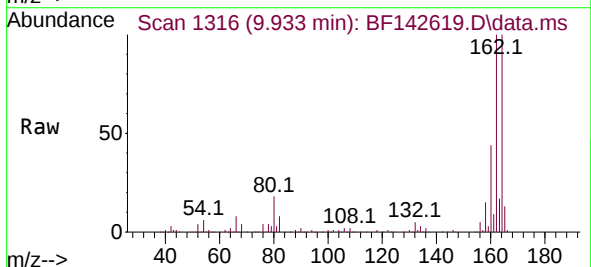
RT: 9.933 min Scan# 1316

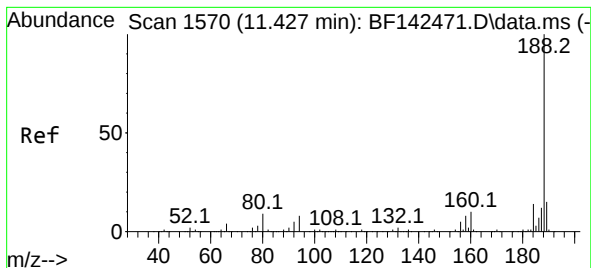
Delta R.T. -0.200 min

Lab File: BF142619.D

Acq: 04 Jun 2025 21:17

Tgt Ion:165	Resp:	25423
Ion Ratio	Lower	Upper
165	100	
63	0.9	33.6 50.4#
89	1.1	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: BF142619.D

Acq: 04 Jun 2025 21:17

Instrument :

BNA_F

ClientSampleId :

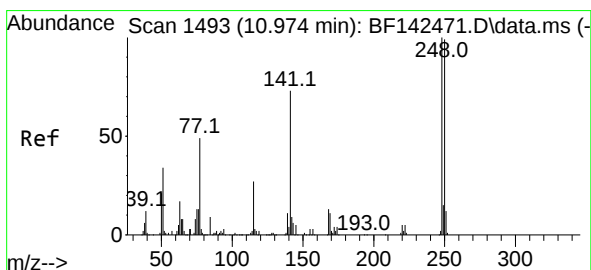
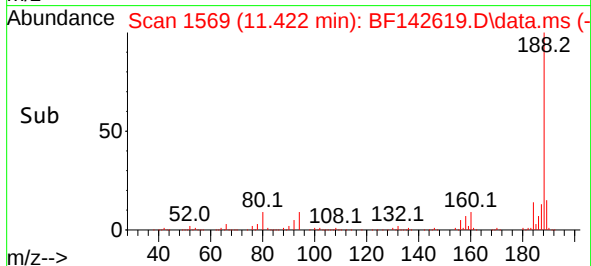
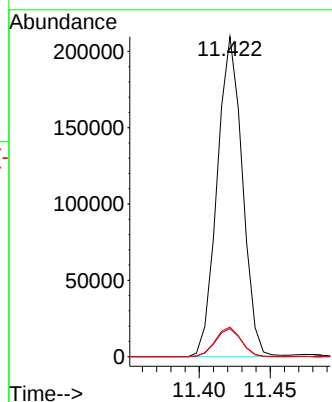
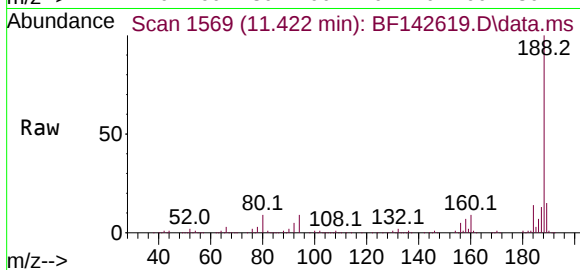
Tgt Ion:188 Resp: 259233

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 9.2 7.4 11.0



#67

4-Bromophenyl-phenylether

Concen: 4.765 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.253 min

Lab File: BF142619.D

Acq: 04 Jun 2025 21:17

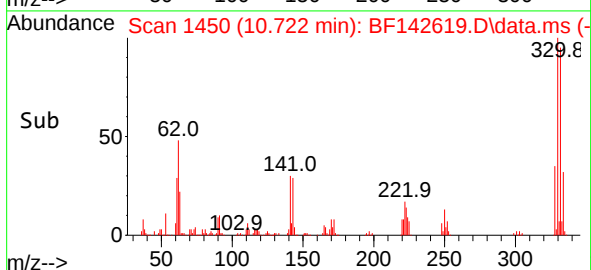
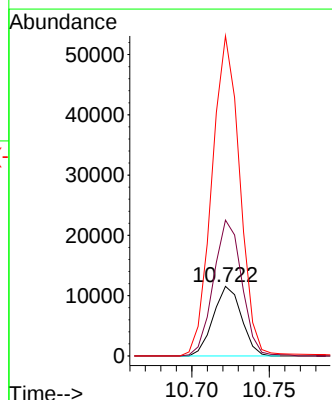
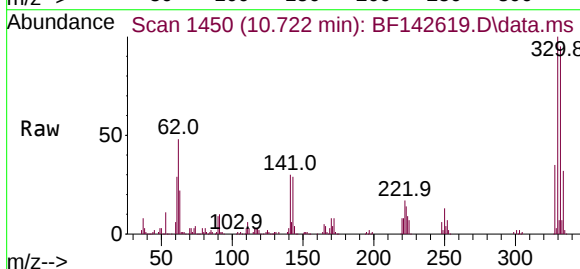
Tgt Ion:248 Resp: 14606

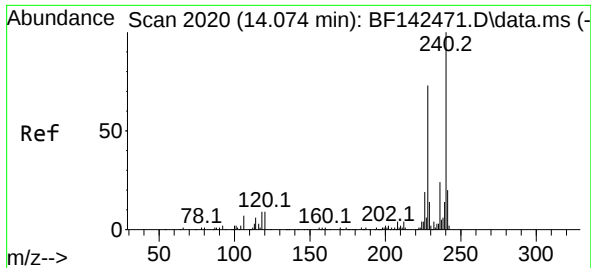
Ion Ratio Lower Upper

248 100

250 195.3 79.0 118.4#

141 460.5 58.4 87.6#

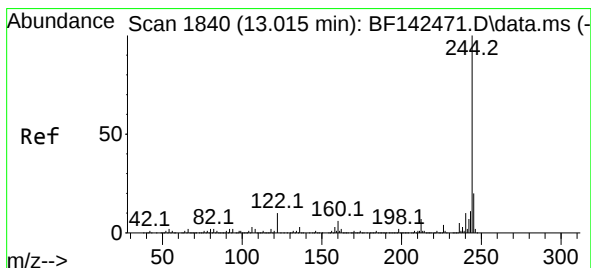
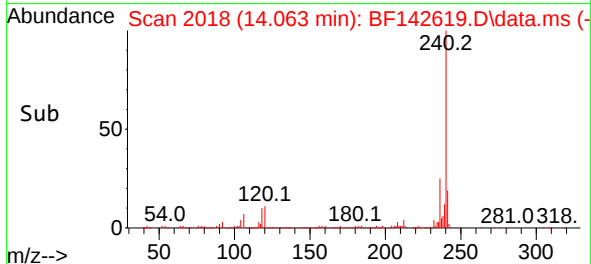
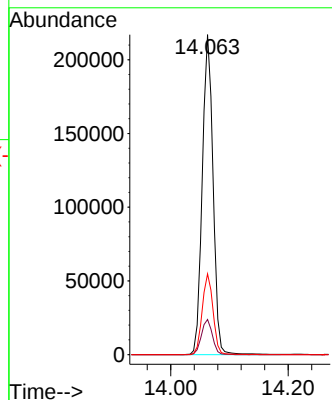
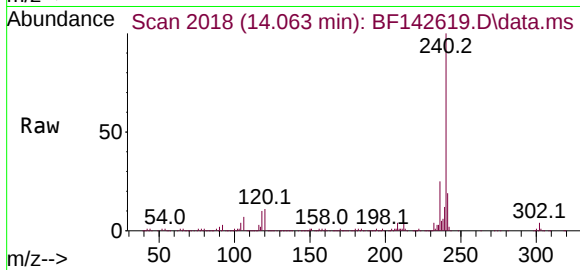




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF142619.D
Acq: 04 Jun 2025 21:17

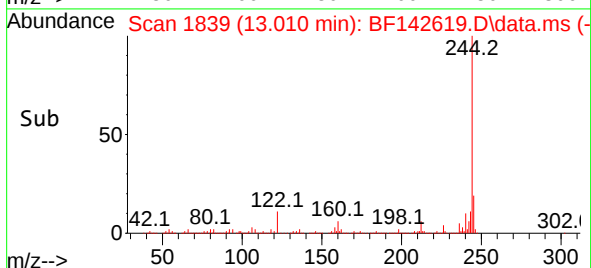
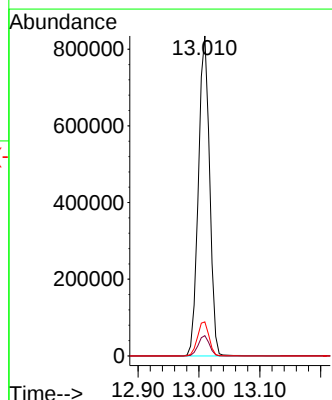
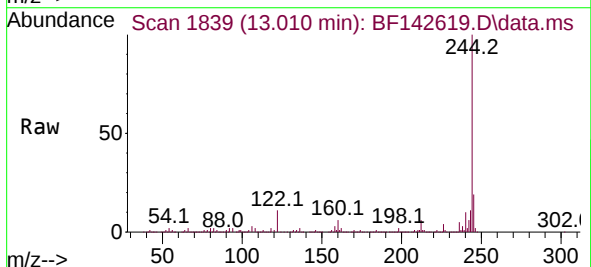
Instrument :
BNA_F
ClientSampleId :

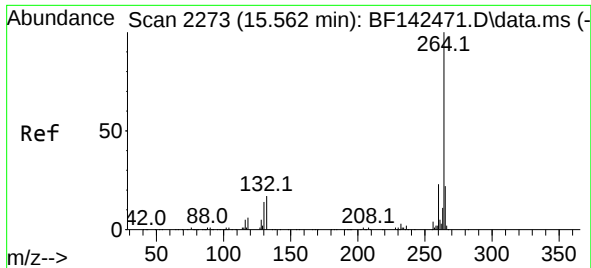
Tgt Ion:240 Resp: 275797
Ion Ratio Lower Upper
240 100
120 11.0 7.5 11.3
236 25.2 19.6 29.4



#79
Terphenyl-d14
Concen: 52.862 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142619.D
Acq: 04 Jun 2025 21:17

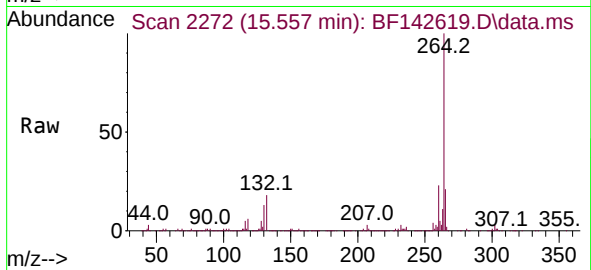
Tgt Ion:244 Resp: 1066872
Ion Ratio Lower Upper
244 100
212 6.3 5.3 7.9
122 10.6 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF142619.D
 Acq: 04 Jun 2025 21:17

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 229821
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.5 17.7 26.5

