

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
 Data File : BF142615.D
 Acq On : 04 Jun 2025 19:17
 Operator : RC/JU
 Sample : Q2173-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 05 01:26:39 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)

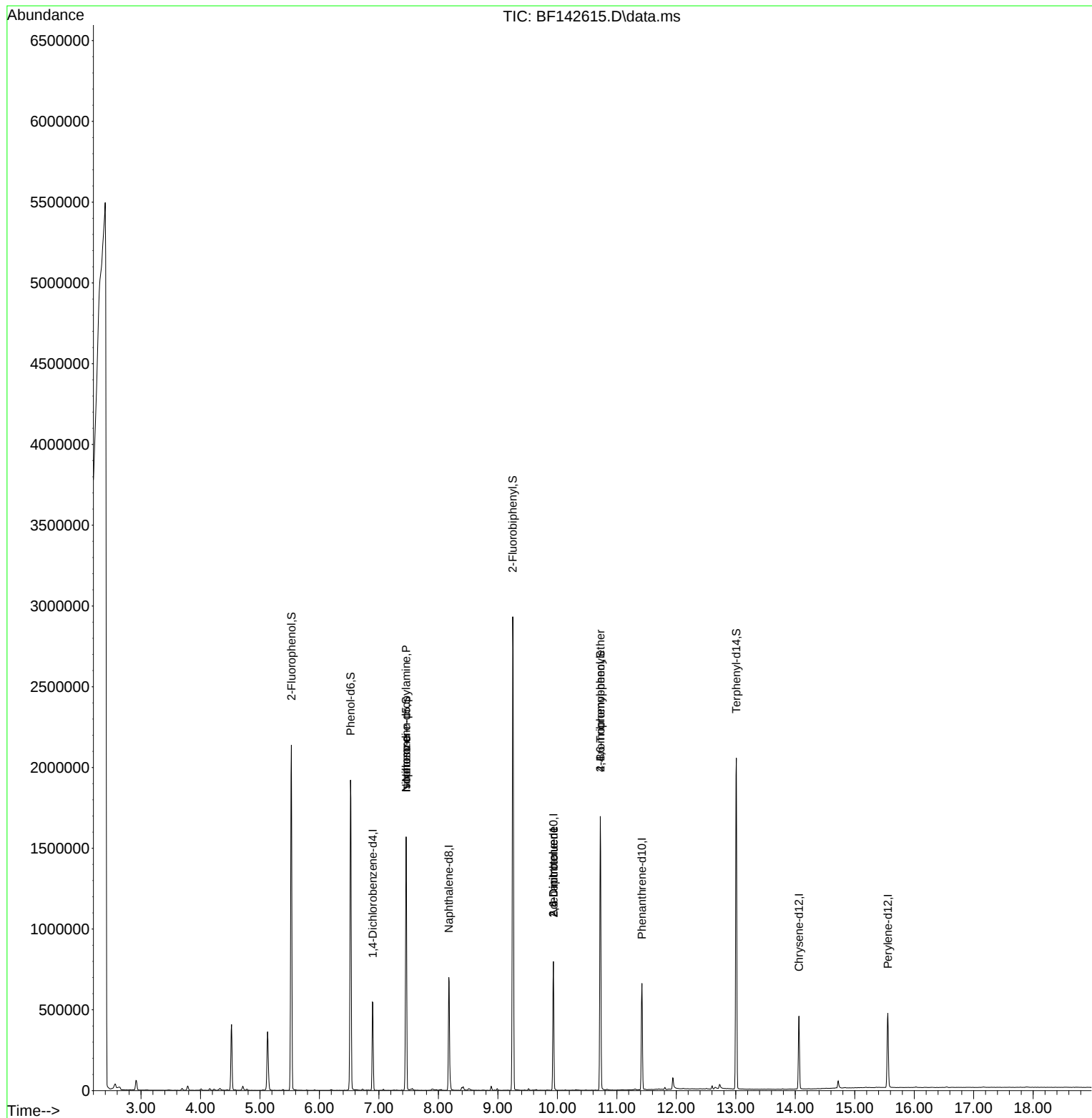
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	124223	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	466072	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	236677	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	344398	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	221306	20.000	ng	-0.01
86) Perylene-d12	15.557	264	263649	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	859634	116.587	ng	0.01
7) Phenol-d6	6.522	99	952989	107.370	ng	-0.01
23) Nitrobenzene-d5	7.457	82	686718	80.344	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	310099	118.051	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	1365487	77.418	ng	-0.02
79) Terphenyl-d14	13.010	244	1043585	64.440	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	92092	16.742	ng	# 76
25) Isophorone	7.457	82	673695	47.143	ng	# 63
51) 2,6-Dinitrotoluene	9.933	165	30453	9.035	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	30453	6.918	ng	# 28
67) 4-Bromophenyl-phenylether	10.722	248	19209	4.717	ng	# 1

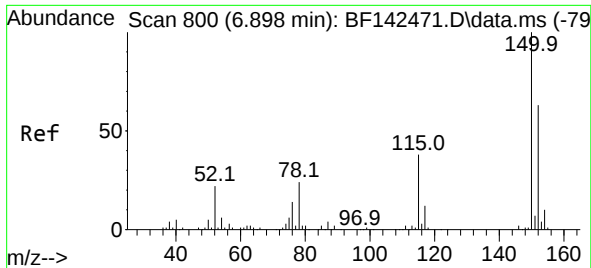
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142615.D
Acq On : 04 Jun 2025 19:17
Operator : RC/JU
Sample : Q2173-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

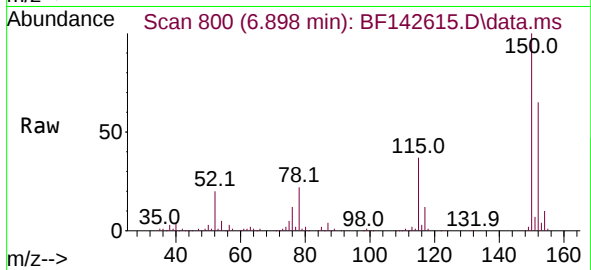
Quant Time: Jun 05 01:26:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



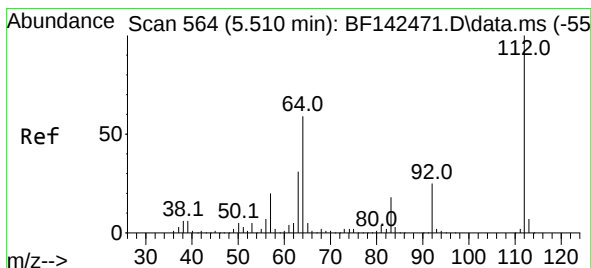
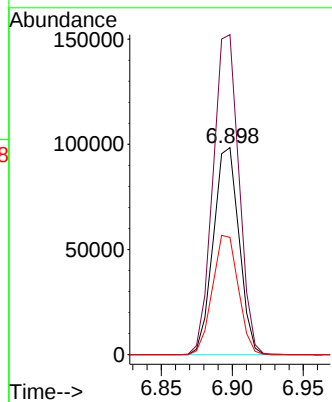
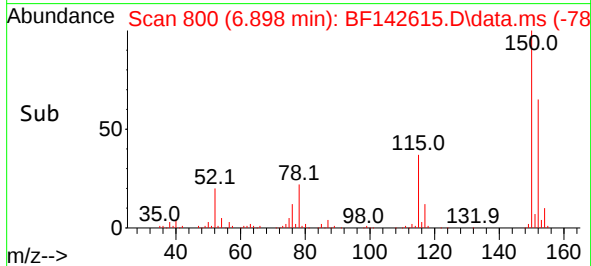


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142615.D
Acq: 04 Jun 2025 19:17

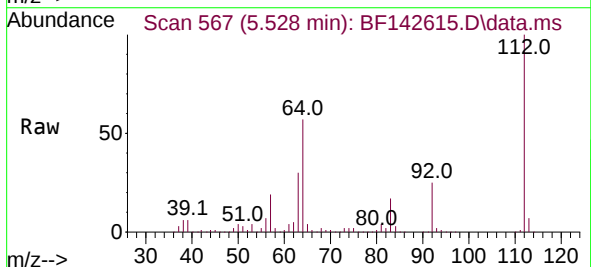
Instrument :
BNA_F
ClientSampleId :



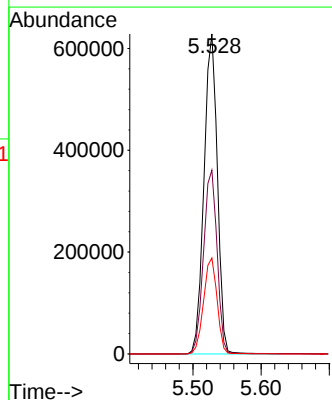
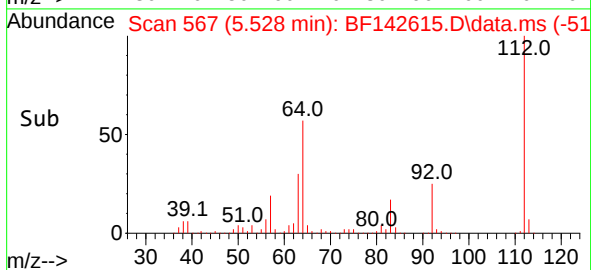
Tgt Ion:152 Resp: 124223
Ion Ratio Lower Upper
152 100
150 154.6 128.2 192.4
115 56.6 48.3 72.5

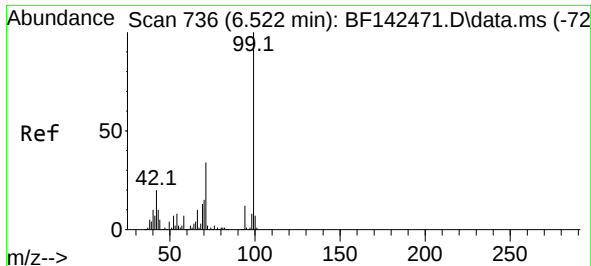


#5
2-Fluorophenol
Concen: 116.587 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142615.D
Acq: 04 Jun 2025 19:17



Tgt Ion:112 Resp: 859634
Ion Ratio Lower Upper
112 100
64 57.4 47.5 71.3
63 30.0 24.9 37.3



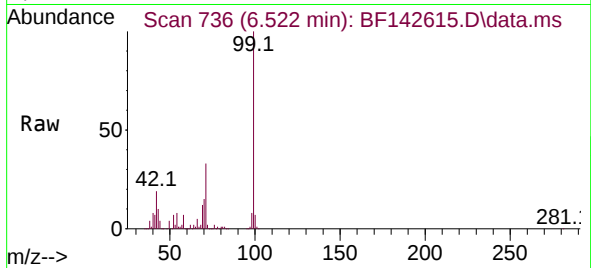


#7
Phenol-d6
Concen: 107.370 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF142615.D
Acq: 04 Jun 2025 19:17

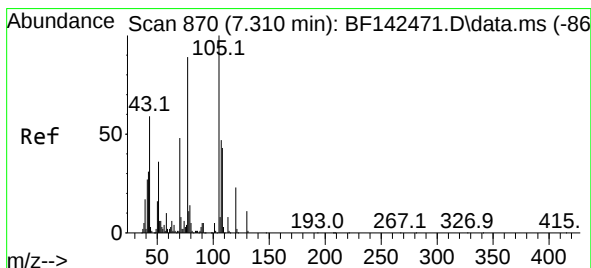
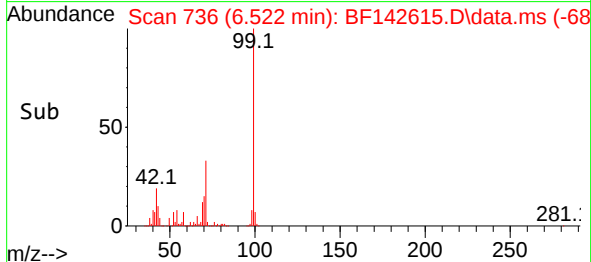
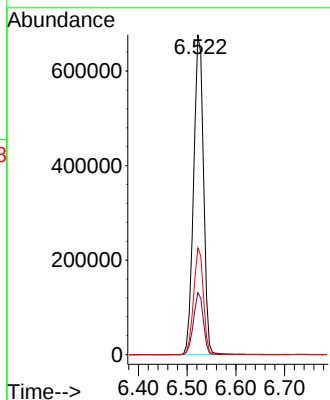
Instrument :

BNA_F

ClientSampleId :

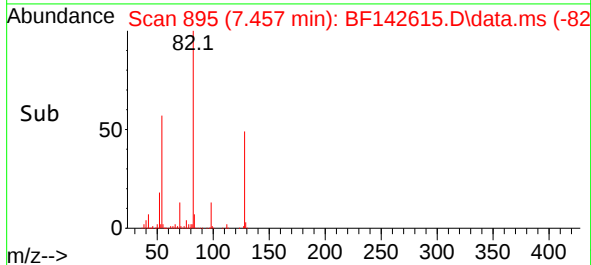
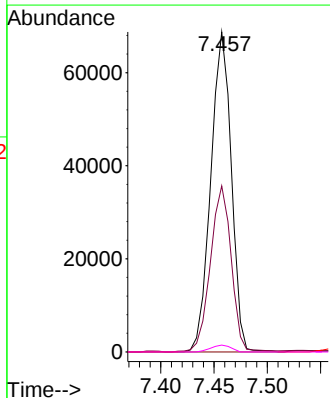
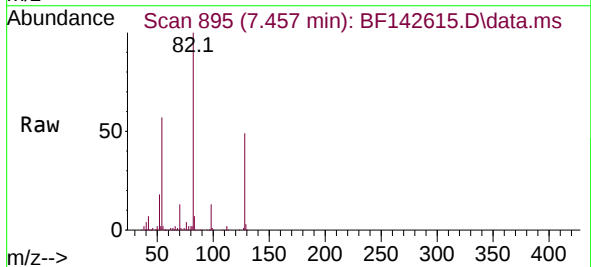


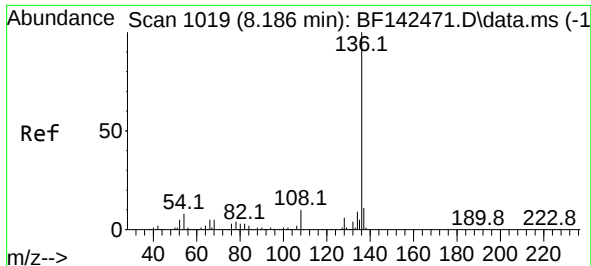
Tgt Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.2	24.2
71	33.3	27.3	40.9



#19
n-Nitroso-di-n-propylamine
Concen: 16.742 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.130 min
Lab File: BF142615.D
Acq: 04 Jun 2025 19:17

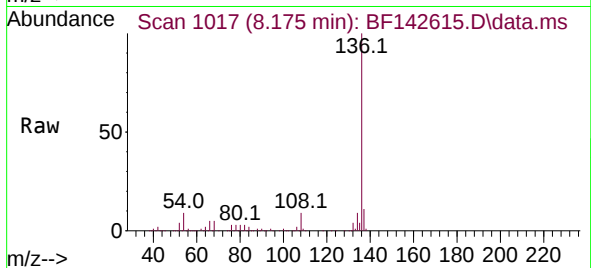
Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.9	52.4	78.6#
101	0.0	7.8	11.8#
130	2.1	18.0	27.0#



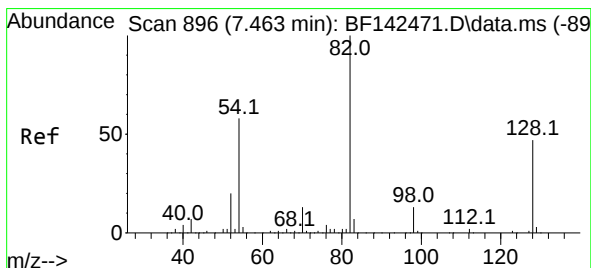
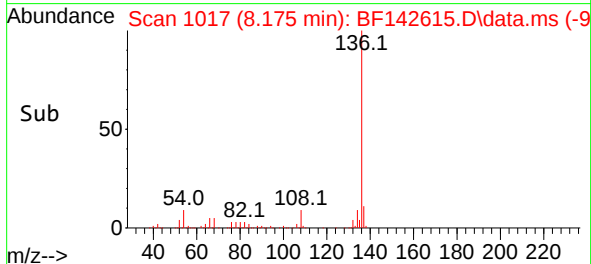
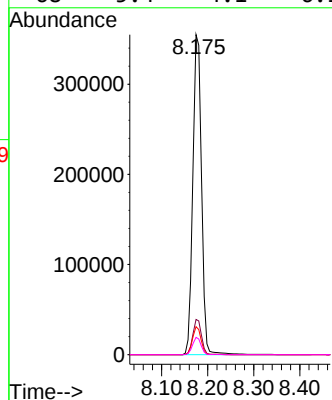


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF142615.D
Acq: 04 Jun 2025 19:17

Instrument :
BNA_F
ClientSampleId :

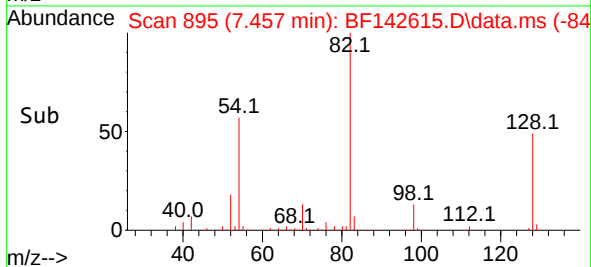
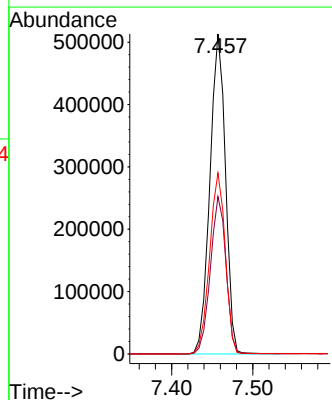
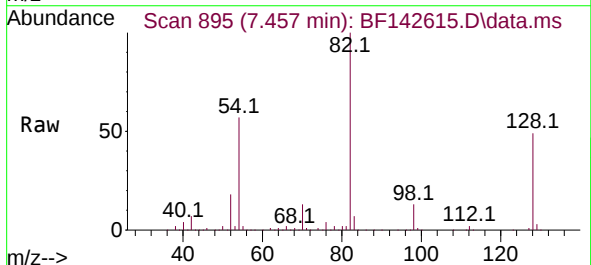


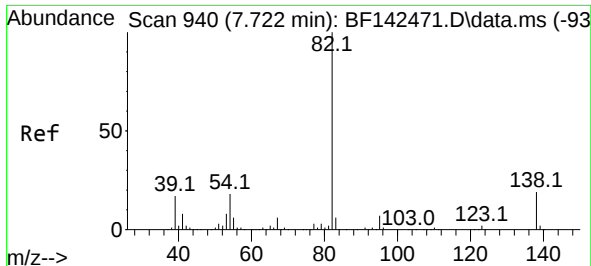
Tgt Ion:136 Resp: 466072
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.7 6.6 10.0
68 5.4 4.1 6.1



#23
Nitrobenzene-d5
Concen: 80.344 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF142615.D
Acq: 04 Jun 2025 19:17

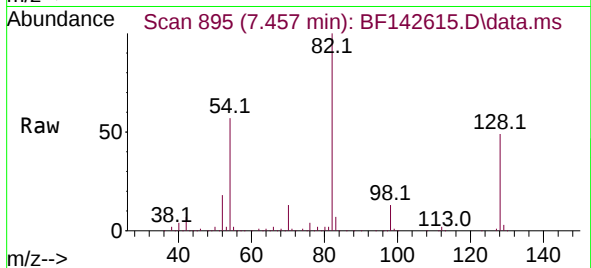
Tgt Ion: 82 Resp: 686718
Ion Ratio Lower Upper
82 100
128 49.1 37.4 56.2
54 56.5 46.6 70.0



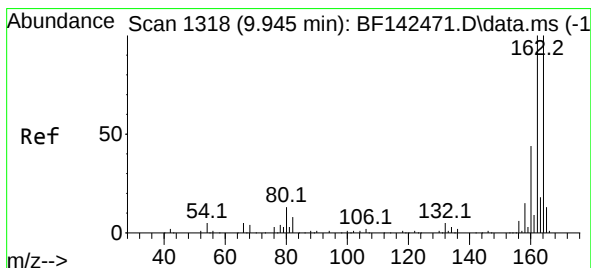
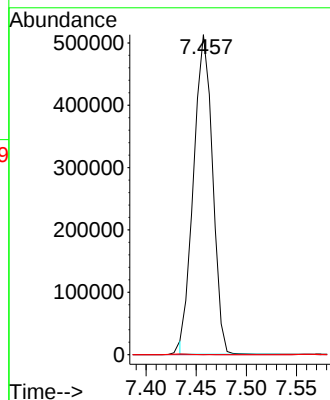
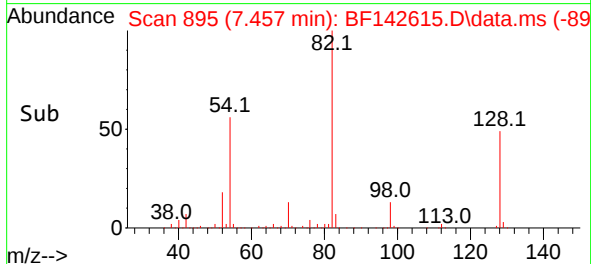


#25
Isophorone
Concen: 47.143 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF142615.D
Acq: 04 Jun 2025 19:17

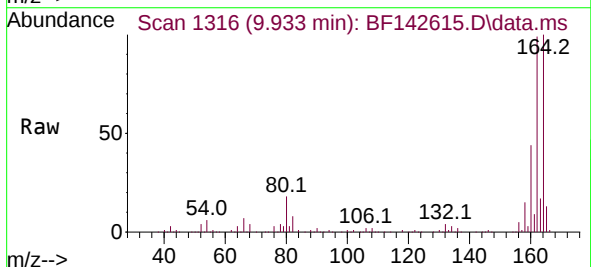
Instrument :
BNA_F
ClientSampleId :



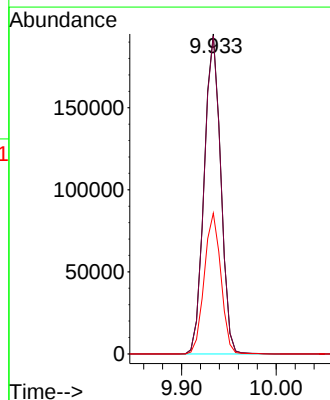
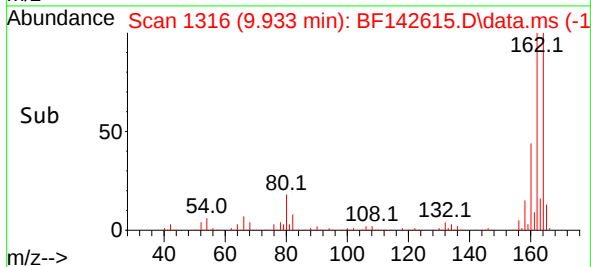
Tgt Ion: 82 Resp: 673695
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.5 23.3#

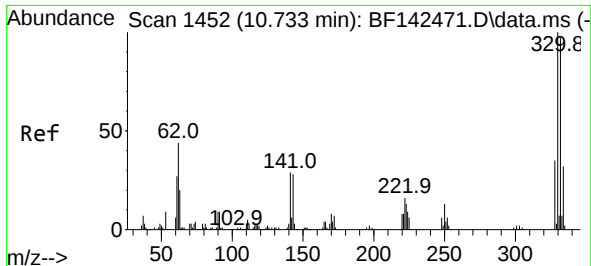


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142615.D
Acq: 04 Jun 2025 19:17



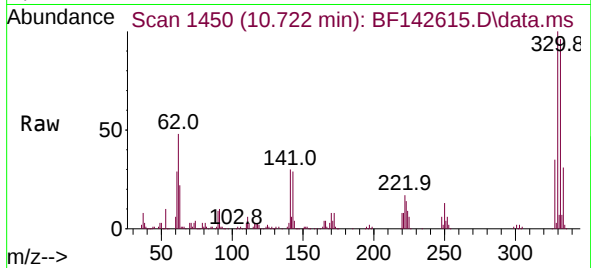
Tgt Ion:164 Resp: 236677
Ion Ratio Lower Upper
164 100
162 99.4 80.2 120.4
160 44.0 35.6 53.4



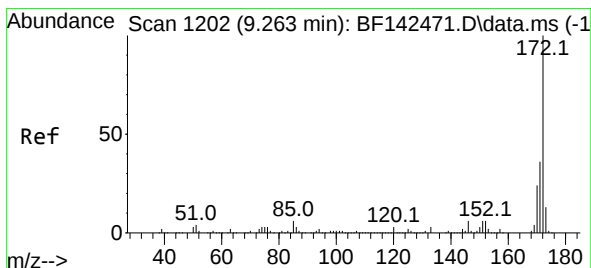
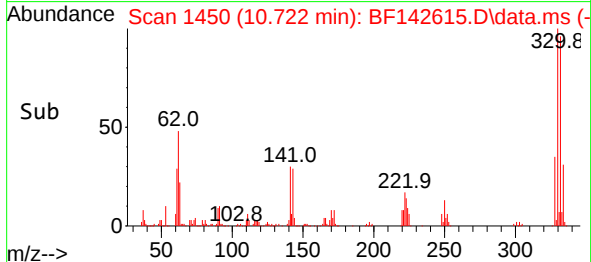
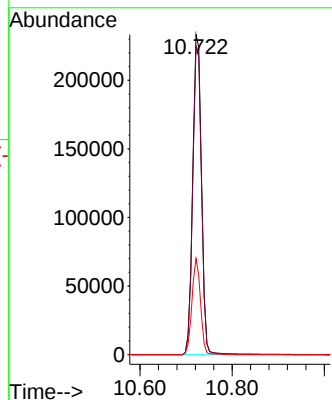


#42
 2,4,6-Tribromophenol
 Concen: 118.051 ng
 RT: 10.722 min Scan# 1452
 Delta R.T. -0.018 min
 Lab File: BF142615.D
 Acq: 04 Jun 2025 19:17

Instrument :
 BNA_F
 ClientSampleId :

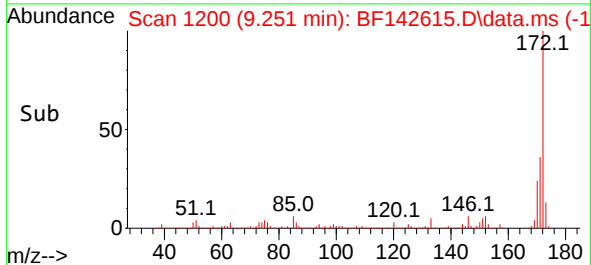
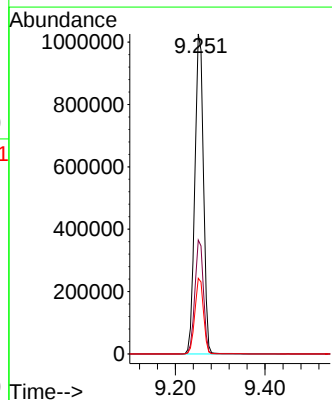
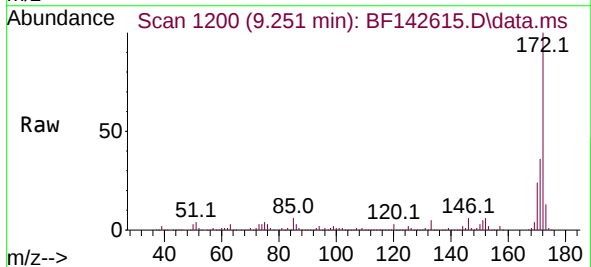


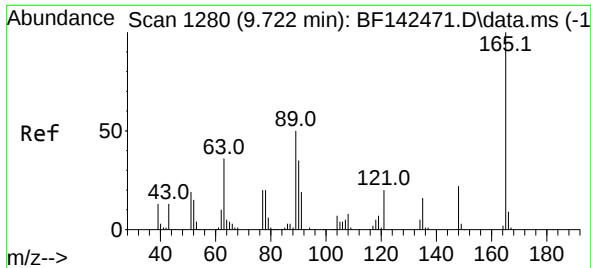
Tgt Ion: 330 Resp: 310099
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.6 116.4
 141 29.2 24.6 36.8



#45
 2-Fluorobiphenyl
 Concen: 77.418 ng
 RT: 9.251 min Scan# 1200
 Delta R.T. -0.018 min
 Lab File: BF142615.D
 Acq: 04 Jun 2025 19:17

Tgt Ion: 172 Resp: 1365487
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 42.8
 170 23.6 18.9 28.3

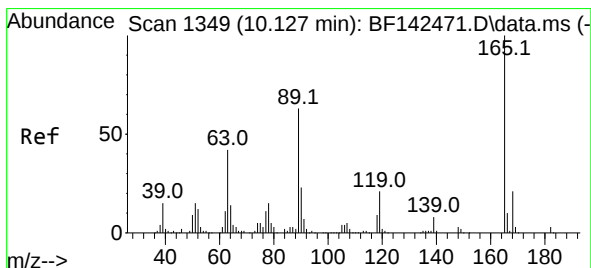
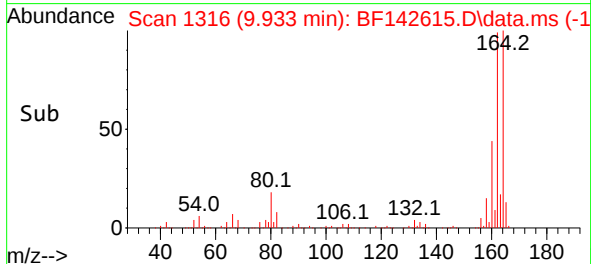
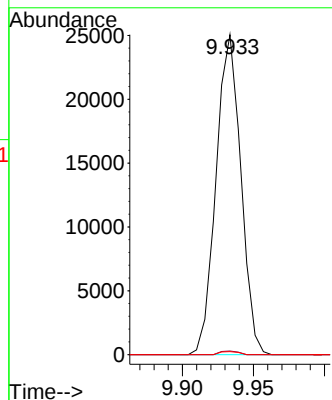
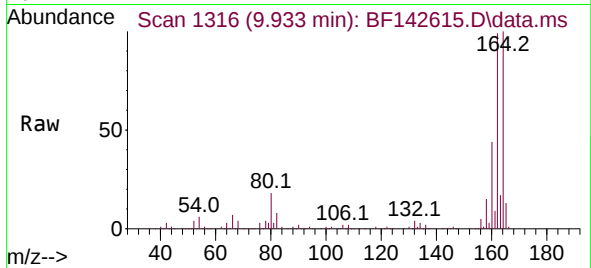




#51
2,6-Dinitrotoluene
Concen: 9.035 ng
RT: 9.933 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF142615.D
Acq: 04 Jun 2025 19:17

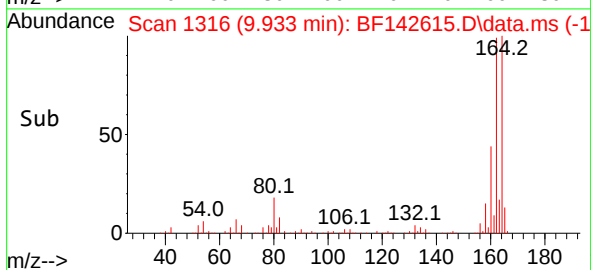
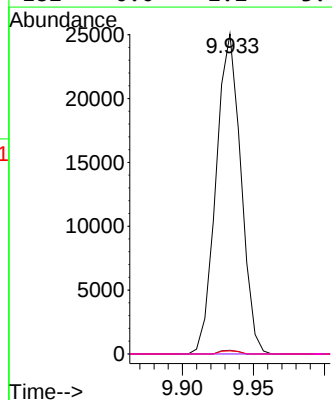
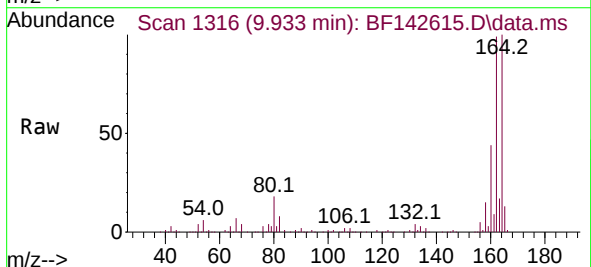
Instrument :
BNA_F
ClientSampleId :

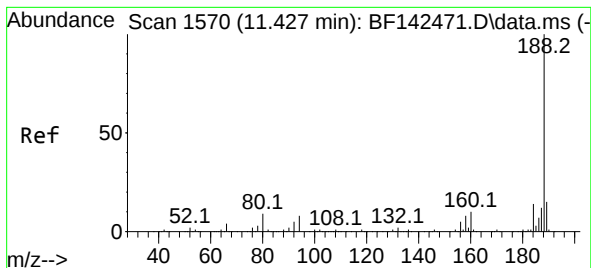
Tgt Ion:165 Resp: 30453
Ion Ratio Lower Upper
165 100
63 1.1 42.9 64.3#
89 0.9 40.2 60.4#



#57
2,4-Dinitrotoluene
Concen: 6.918 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.200 min
Lab File: BF142615.D
Acq: 04 Jun 2025 19:17

Tgt Ion:165 Resp: 30453
Ion Ratio Lower Upper
165 100
63 1.1 33.6 50.4#
89 0.9 50.2 75.4#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142615.D

Acq: 04 Jun 2025 19:17

Instrument :

BNA_F

ClientSampleId :

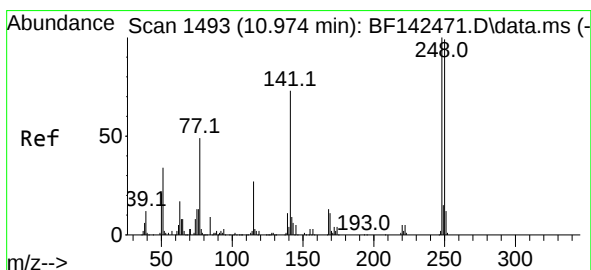
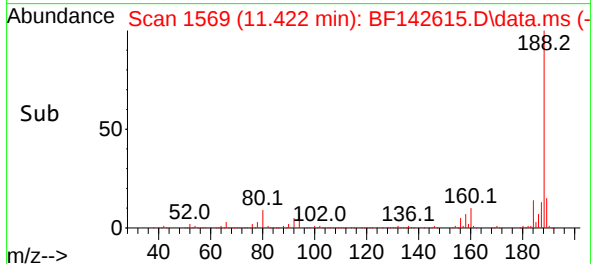
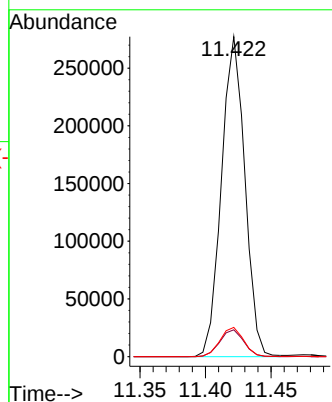
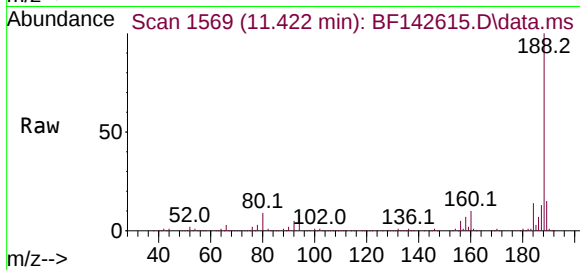
Tgt Ion:188 Resp: 344398

Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

80 9.1 7.4 11.0



#67

4-Bromophenyl-phenylether

Concen: 4.717 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.253 min

Lab File: BF142615.D

Acq: 04 Jun 2025 19:17

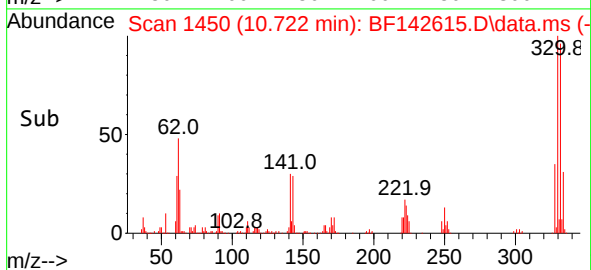
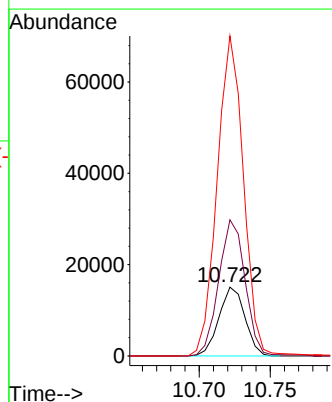
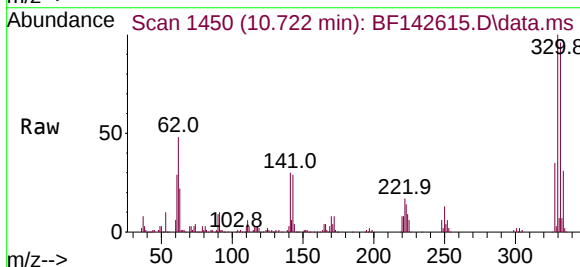
Tgt Ion:248 Resp: 19209

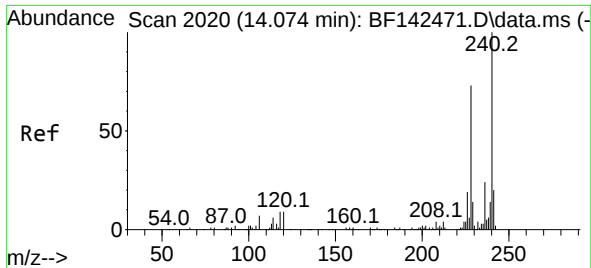
Ion Ratio Lower Upper

248 100

250 198.0 79.0 118.4#

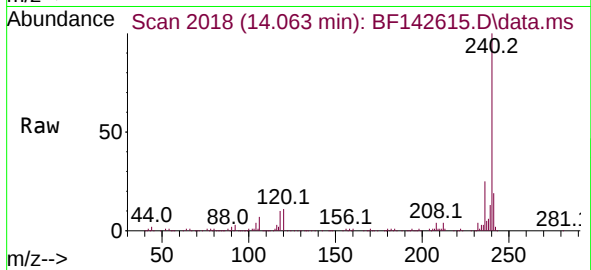
141 465.5 58.4 87.6#



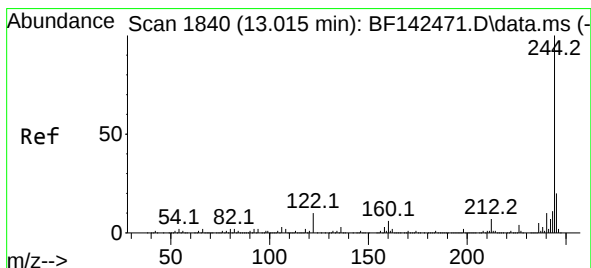
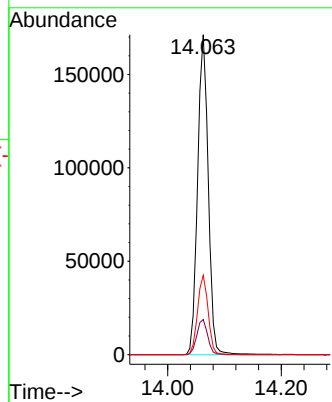
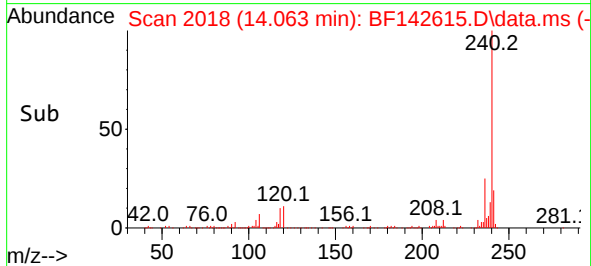


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF142615.D
Acq: 04 Jun 2025 19:17

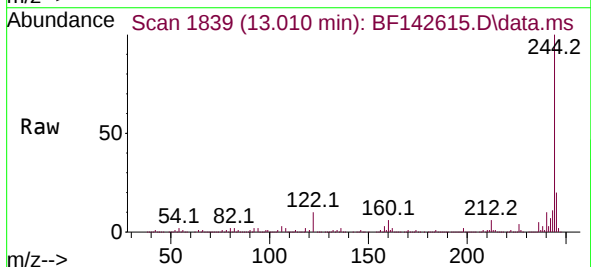
Instrument :
BNA_F
ClientSampleId :



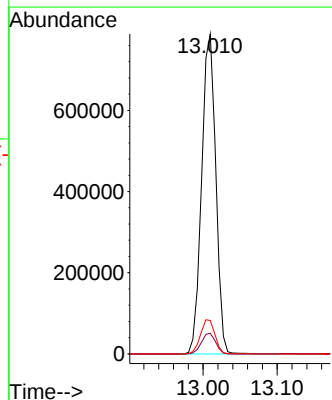
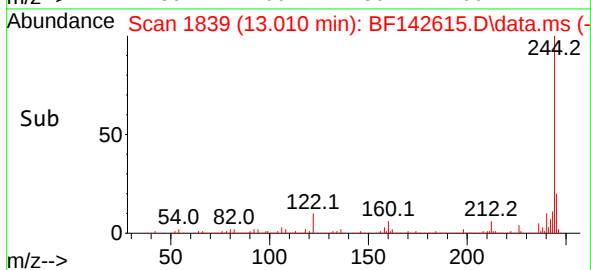
Tgt Ion:240 Resp: 221306
Ion Ratio Lower Upper
240 100
120 11.0 7.5 11.3
236 24.8 19.6 29.4

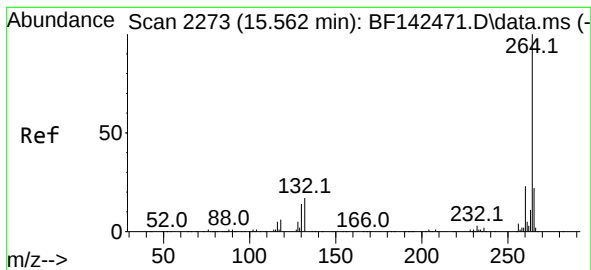


#79
Terphenyl-d14
Concen: 64.440 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142615.D
Acq: 04 Jun 2025 19:17



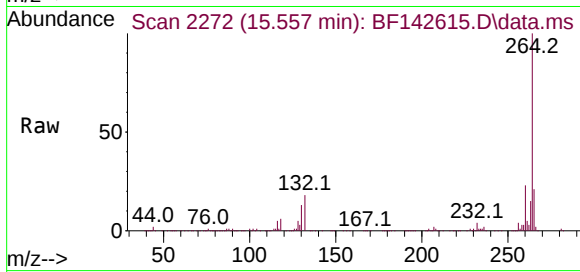
Tgt Ion:244 Resp: 1043585
Ion Ratio Lower Upper
244 100
212 6.4 5.3 7.9
122 10.4 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142615.D
Acq: 04 Jun 2025 19:17

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 263649

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.4	17.7	26.5

