

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
 Data File : BF142621.D
 Acq On : 04 Jun 2025 22:16
 Operator : RC/JU
 Sample : Q2185-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 05 01:28:39 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)

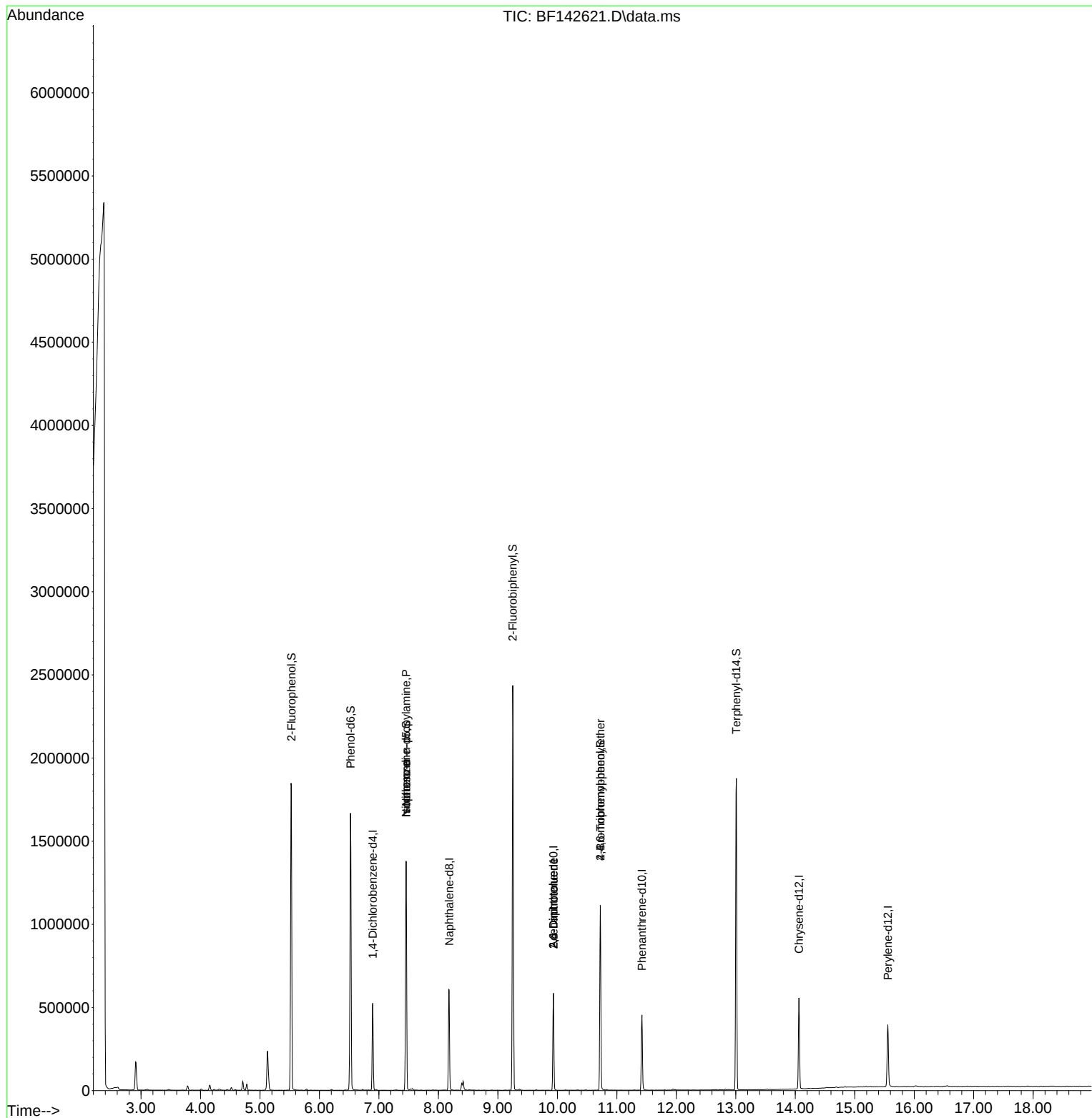
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	117319	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	413896	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	172644	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	235511	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	269165	20.000	ng	-0.01
86) Perylene-d12	15.557	264	220382	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	756089	108.578	ng	0.01
7) Phenol-d6	6.522	99	796486	95.018	ng	-0.01
23) Nitrobenzene-d5	7.457	82	593394	78.177	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	196448	102.523	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	1103726	85.786	ng	-0.02
79) Terphenyl-d14	13.010	244	936798	47.561	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	78964	15.200	ng	Qvalue # 76
25) Isophorone	7.457	82	556642	43.862	ng	# 63
51) 2,6-Dinitrotoluene	9.933	165	21777	8.857	ng	# 28
57) 2,4-Dinitrotoluene	9.933	165	21777	6.782	ng	# 28
67) 4-Bromophenyl-phenylether	10.722	248	12236	4.394	ng	# 1

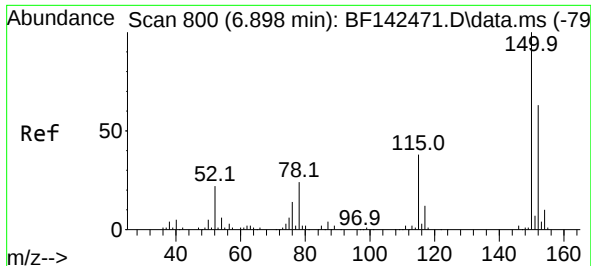
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
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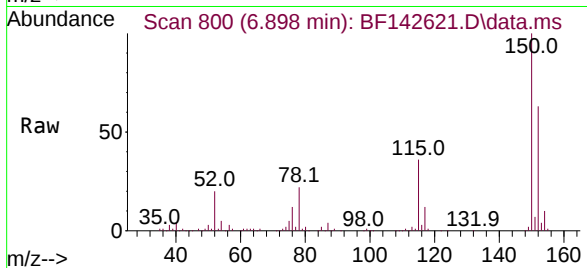
Quant Time: Jun 05 01:28:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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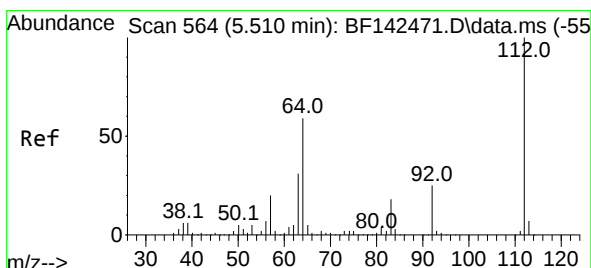
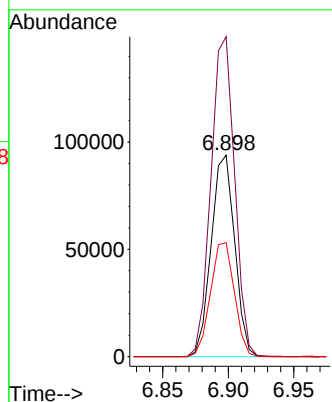
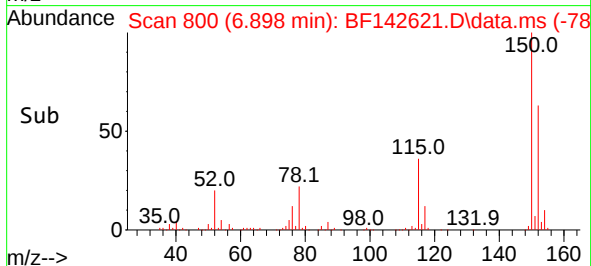


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF142621.D
 Acq: 04 Jun 2025 22:16

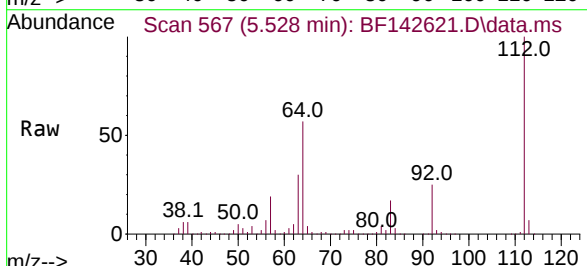
Instrument :
 BNA_F
 ClientSampleId :



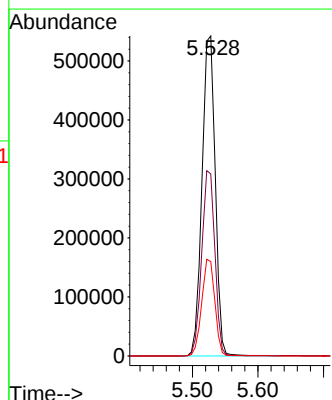
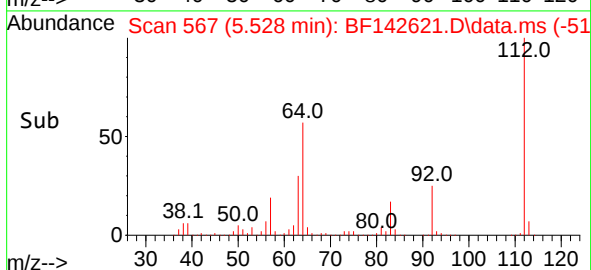
Tgt Ion:152 Resp: 117319
 Ion Ratio Lower Upper
 152 100
 150 158.8 128.2 192.4
 115 56.6 48.3 72.5

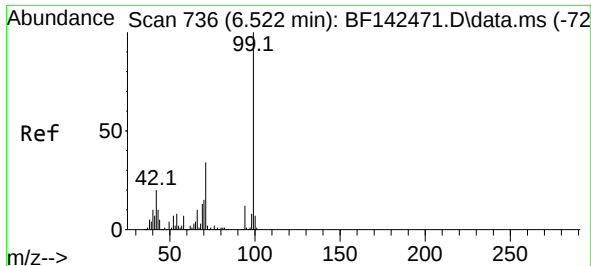


#5
 2-Fluorophenol
 Concen: 108.578 ng
 RT: 5.528 min Scan# 567
 Delta R.T. 0.012 min
 Lab File: BF142621.D
 Acq: 04 Jun 2025 22:16



Tgt Ion:112 Resp: 756089
 Ion Ratio Lower Upper
 112 100
 64 56.9 47.5 71.3
 63 29.5 24.9 37.3



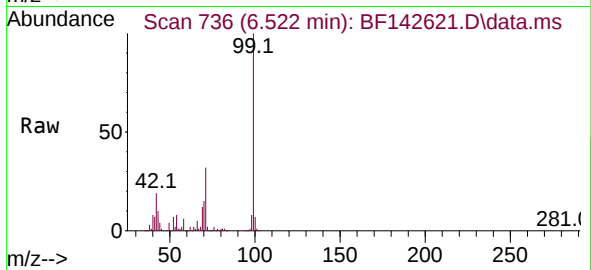


#7
Phenol-d6
Concen: 95.018 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF142621.D
Acq: 04 Jun 2025 22:16

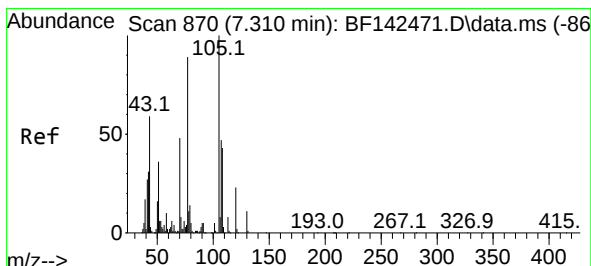
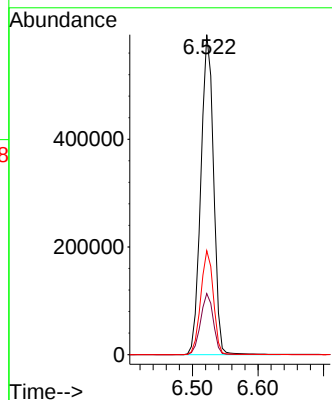
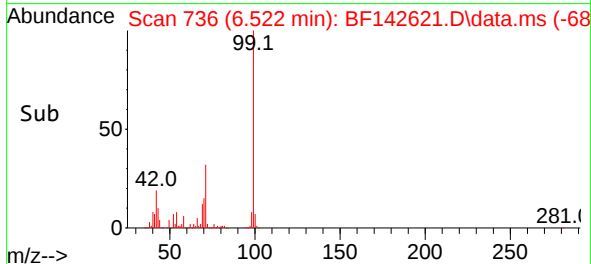
Instrument :

BNA_F

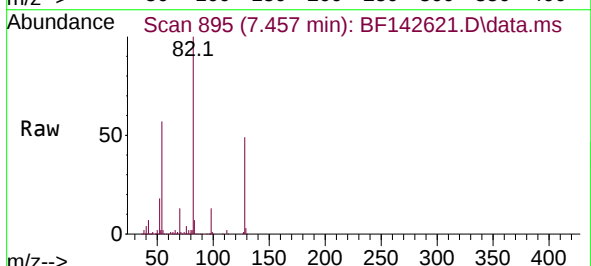
ClientSampleId :



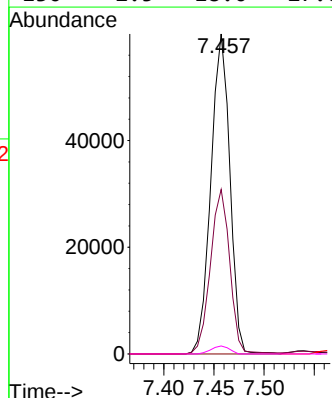
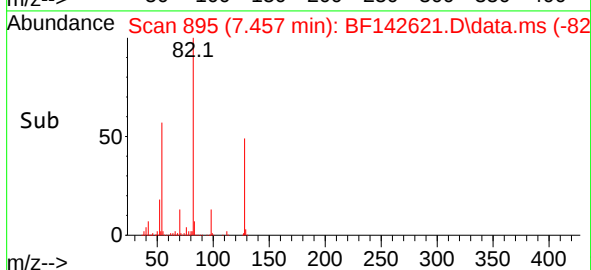
Tgt Ion: 99 Resp: 796486
Ion Ratio Lower Upper
99 100
42 19.1 16.2 24.2
71 32.5 27.3 40.9

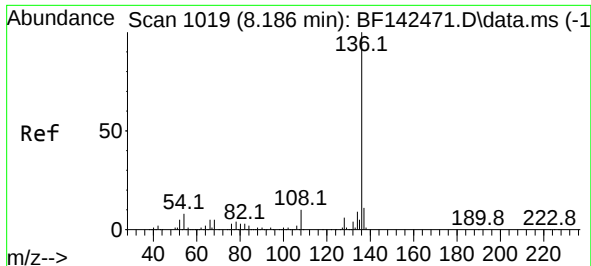


#19
n-Nitroso-di-n-propylamine
Concen: 15.200 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF142621.D
Acq: 04 Jun 2025 22:16



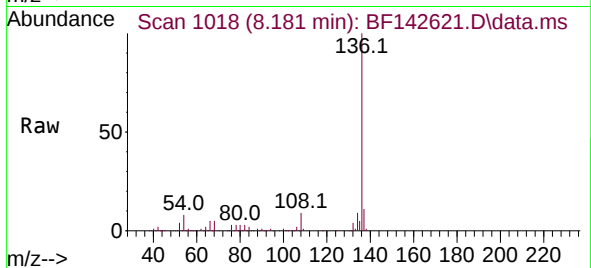
Tgt Ion: 70 Resp: 78964
Ion Ratio Lower Upper
70 100
42 51.4 52.4 78.6#
101 0.0 7.8 11.8#
130 2.5 18.0 27.0#



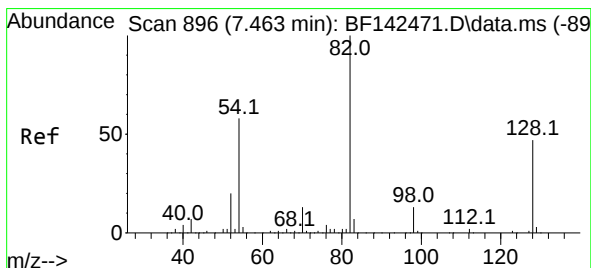
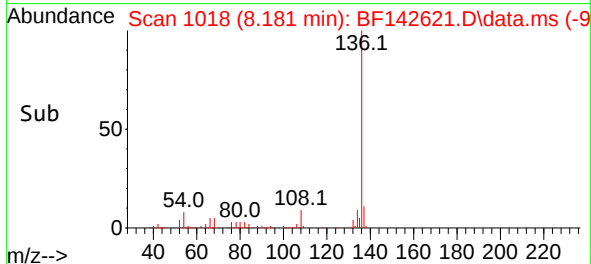
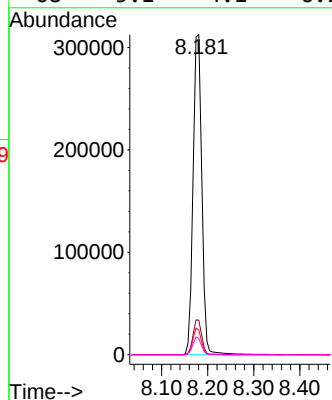


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142621.D
Acq: 04 Jun 2025 22:16

Instrument :
BNA_F
ClientSampleId :

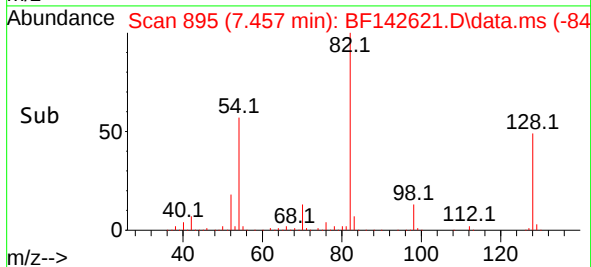
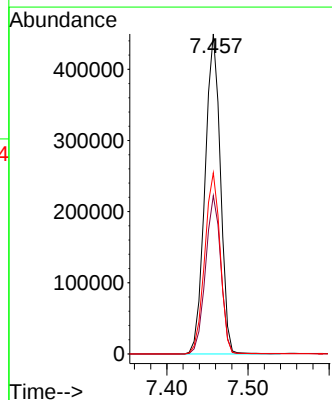
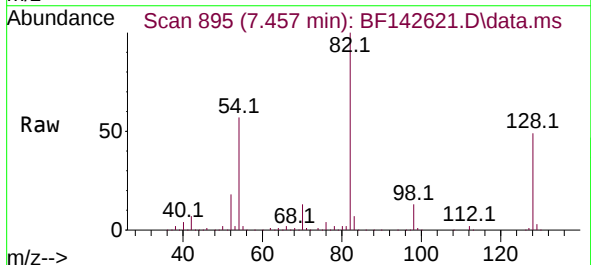


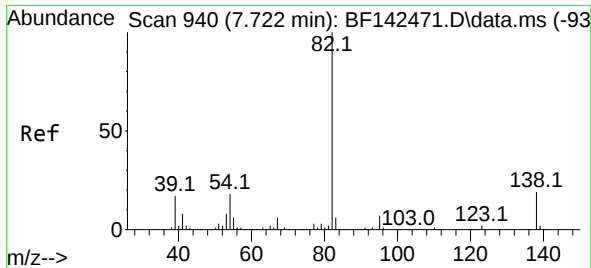
Tgt Ion:136 Resp: 413896
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.7 6.6 10.0
68 5.1 4.1 6.1



#23
Nitrobenzene-d5
Concen: 78.177 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF142621.D
Acq: 04 Jun 2025 22:16

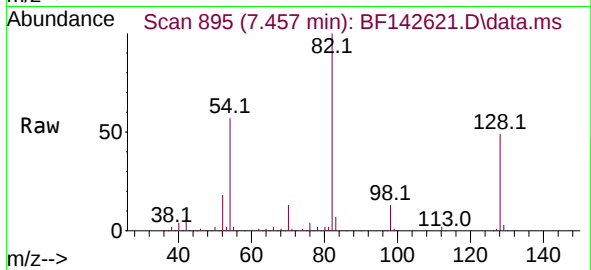
Tgt Ion: 82 Resp: 593394
Ion Ratio Lower Upper
82 100
128 49.4 37.4 56.2
54 56.6 46.6 70.0



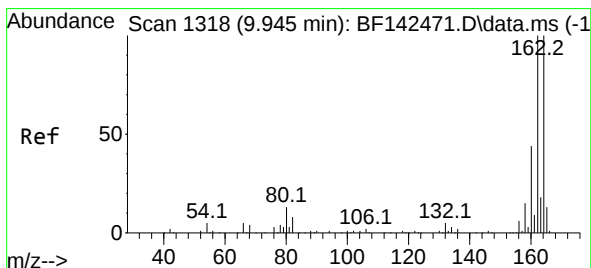
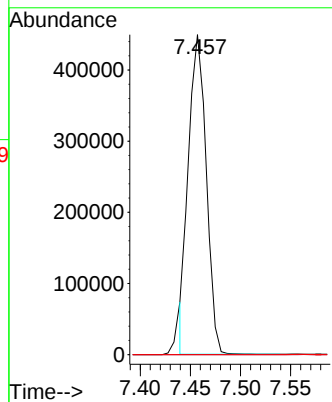
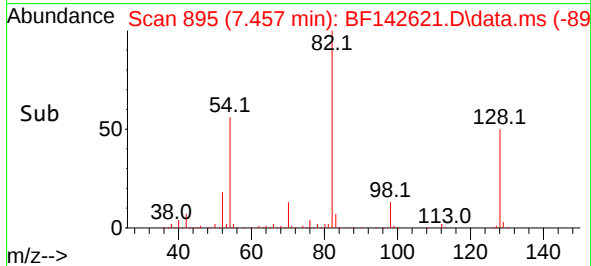


#25
Isophorone
Concen: 43.862 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF142621.D
Acq: 04 Jun 2025 22:16

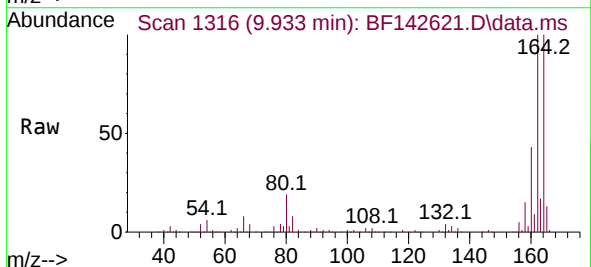
Instrument :
BNA_F
ClientSampleId :



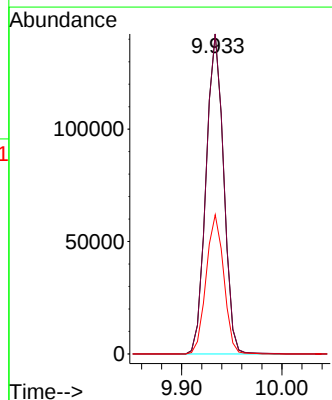
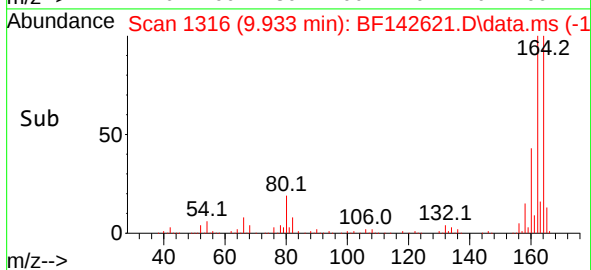
Tgt Ion: 82 Resp: 556642
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.5 23.3#

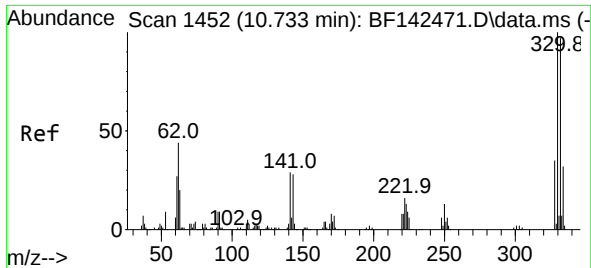


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142621.D
Acq: 04 Jun 2025 22:16



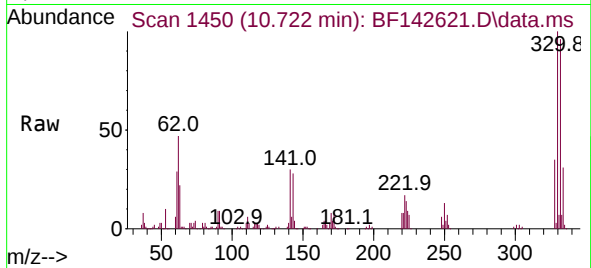
Tgt Ion: 164 Resp: 172644
Ion Ratio Lower Upper
164 100
162 100.0 80.2 120.4
160 43.5 35.6 53.4



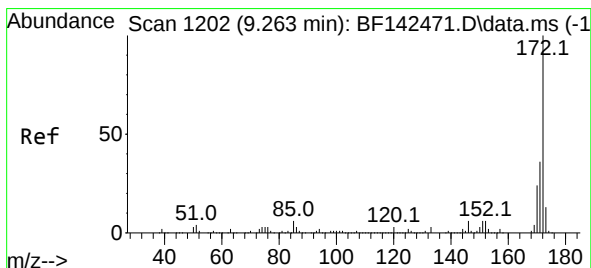
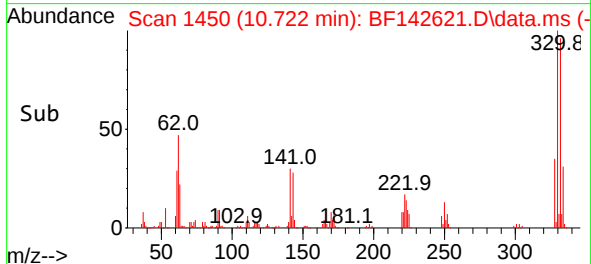
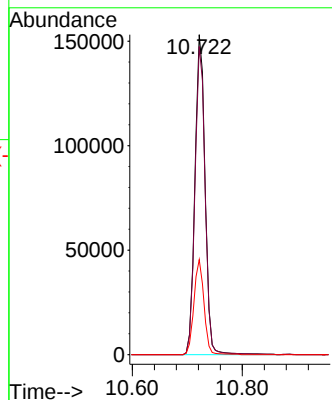


#42
 2,4,6-Tribromophenol
 Concen: 102.523 ng
 RT: 10.722 min Scan# 1452
 Delta R.T. -0.018 min
 Lab File: BF142621.D
 Acq: 04 Jun 2025 22:16

Instrument :
 BNA_F
 ClientSampleId :

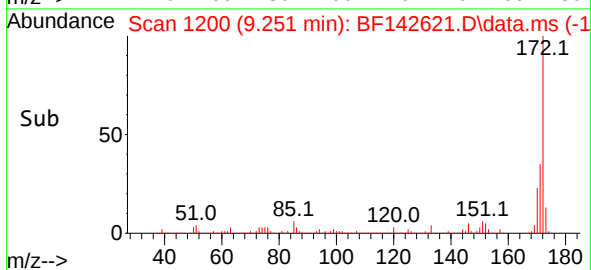
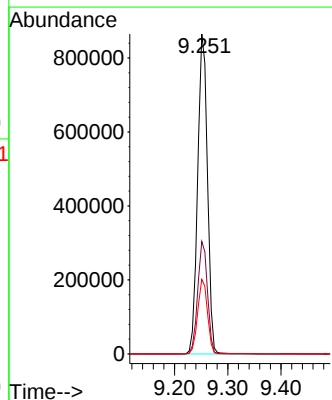
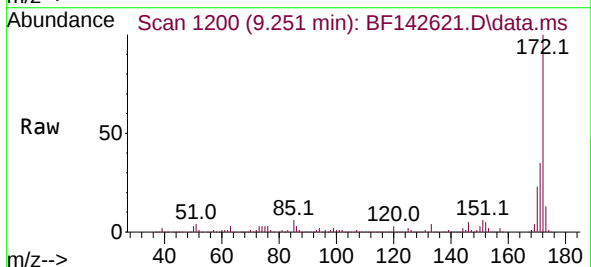


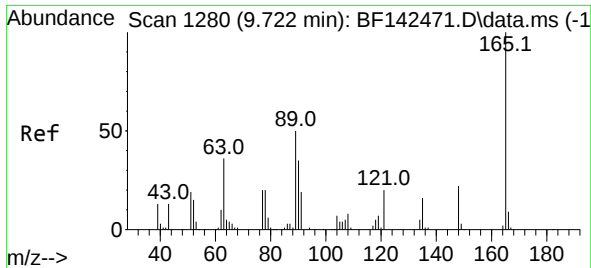
Tgt Ion: 330 Resp: 196448
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.6 116.4
 141 29.4 24.6 36.8



#45
 2-Fluorobiphenyl
 Concen: 85.786 ng
 RT: 9.251 min Scan# 1200
 Delta R.T. -0.018 min
 Lab File: BF142621.D
 Acq: 04 Jun 2025 22:16

Tgt Ion: 172 Resp: 1103726
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 42.8
 170 23.3 18.9 28.3

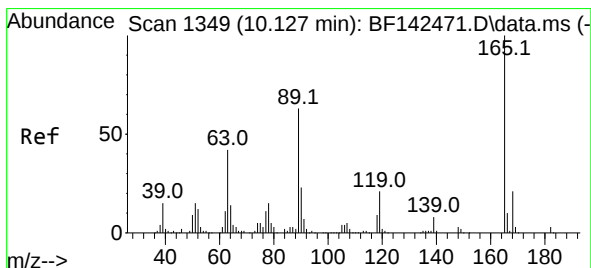
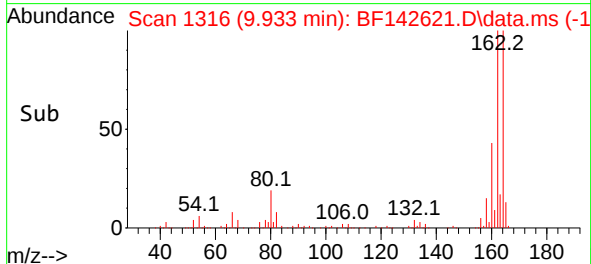
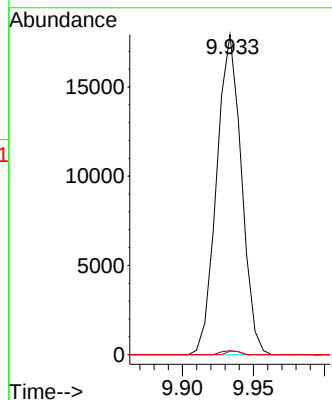
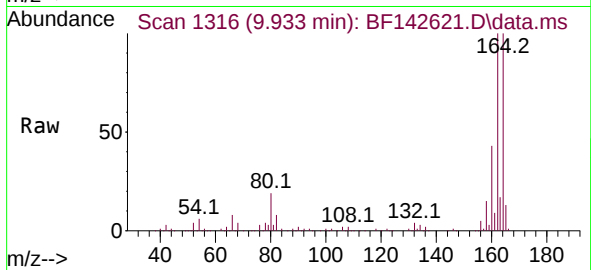




#51
2,6-Dinitrotoluene
Concen: 8.857 ng
RT: 9.933 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF142621.D
Acq: 04 Jun 2025 22:16

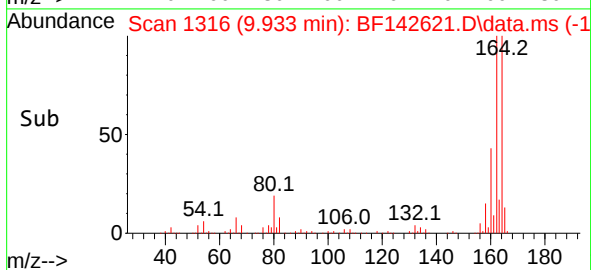
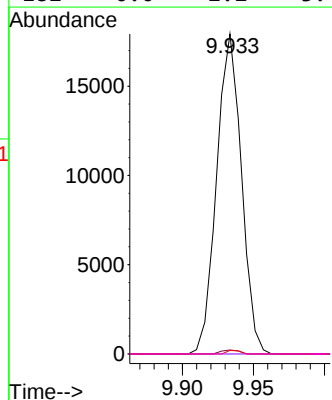
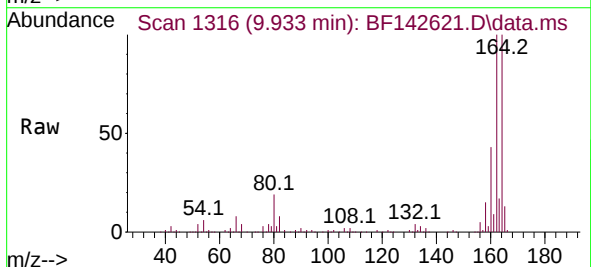
Instrument :
BNA_F
ClientSampleId :

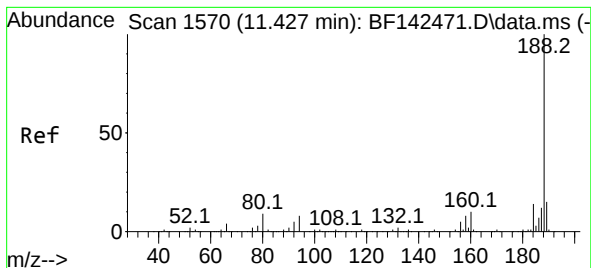
Tgt Ion:165 Resp: 21777
Ion Ratio Lower Upper
165 100
63 1.2 42.9 64.3#
89 1.1 40.2 60.4#



#57
2,4-Dinitrotoluene
Concen: 6.782 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.200 min
Lab File: BF142621.D
Acq: 04 Jun 2025 22:16

Tgt Ion:165 Resp: 21777
Ion Ratio Lower Upper
165 100
63 1.2 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: BF142621.D

Acq: 04 Jun 2025 22:16

Instrument :

BNA_F

ClientSampleId :

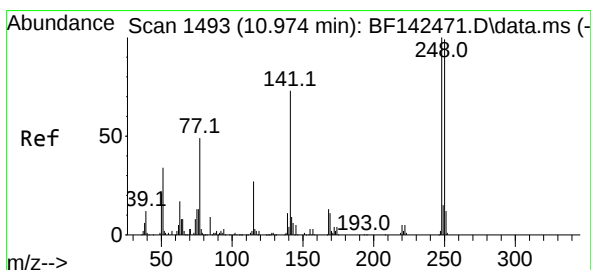
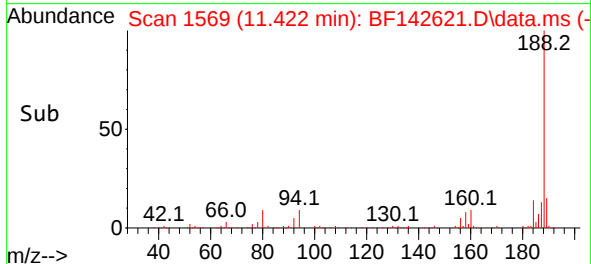
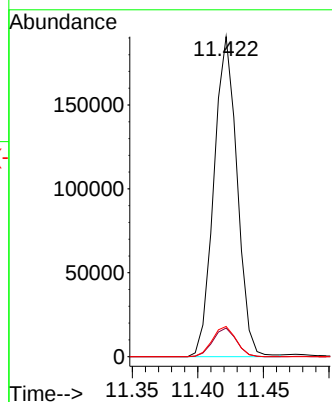
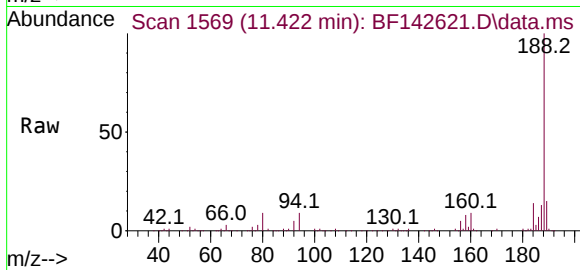
Tgt Ion:188 Resp: 235511

Ion Ratio Lower Upper

188 100

94 8.9 6.6 10.0

80 9.4 7.4 11.0



#67

4-Bromophenyl-phenylether

Concen: 4.394 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.253 min

Lab File: BF142621.D

Acq: 04 Jun 2025 22:16

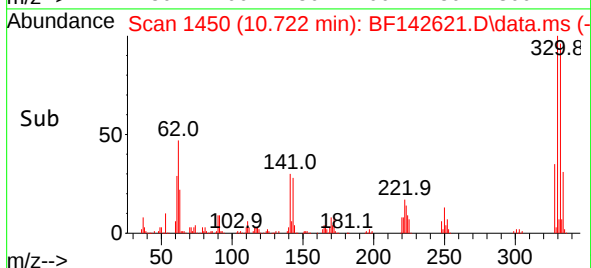
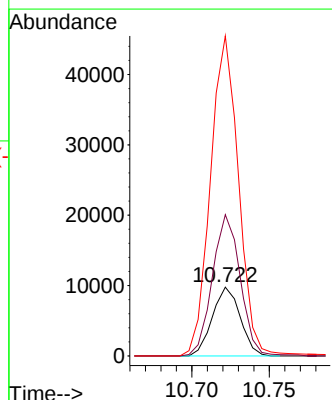
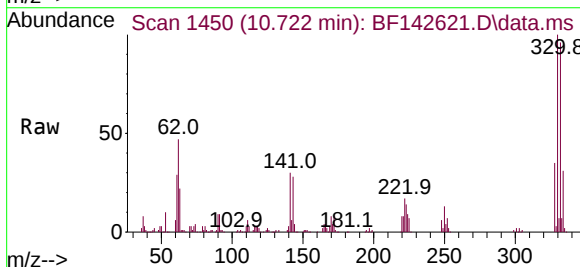
Tgt Ion:248 Resp: 12236

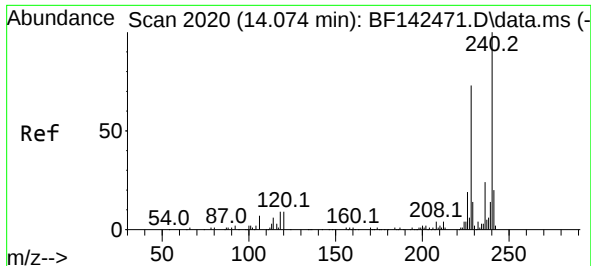
Ion Ratio Lower Upper

248 100

250 205.6 79.0 118.4#

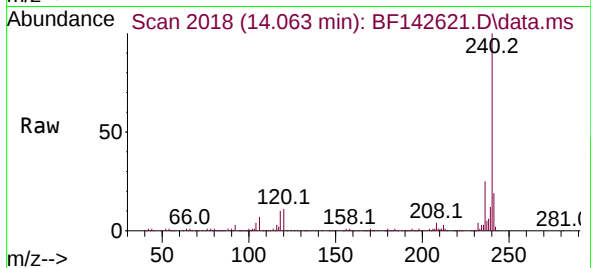
141 466.1 58.4 87.6#



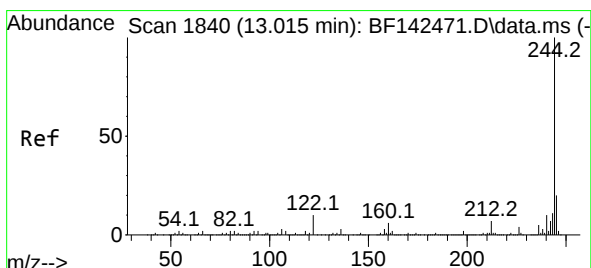
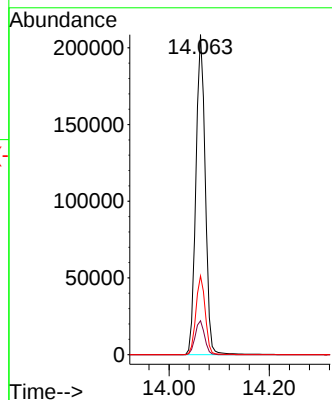
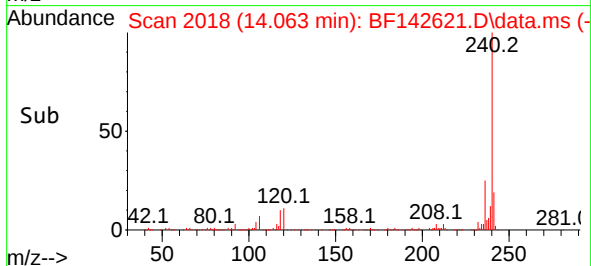


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF142621.D
Acq: 04 Jun 2025 22:16

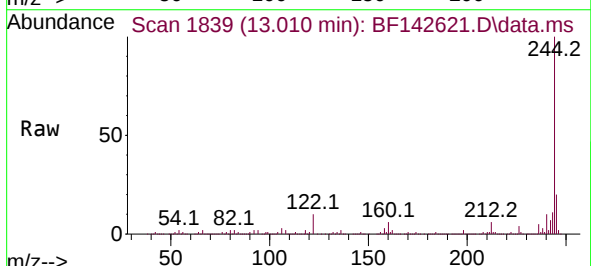
Instrument :
BNA_F
ClientSampleId :



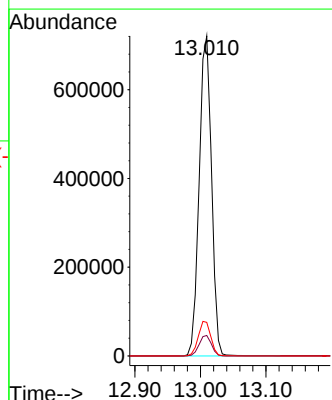
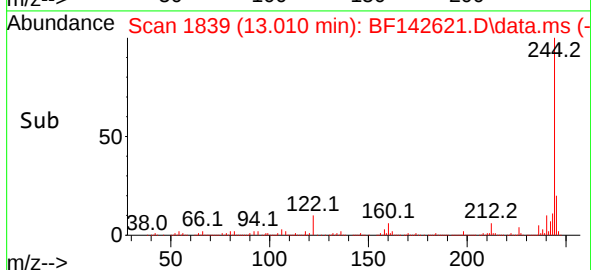
Tgt Ion:240 Resp: 269165
Ion Ratio Lower Upper
240 100
120 10.6 7.5 11.3
236 24.6 19.6 29.4

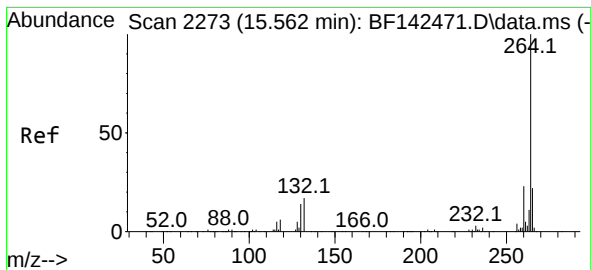


#79
Terphenyl-d14
Concen: 47.561 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142621.D
Acq: 04 Jun 2025 22:16



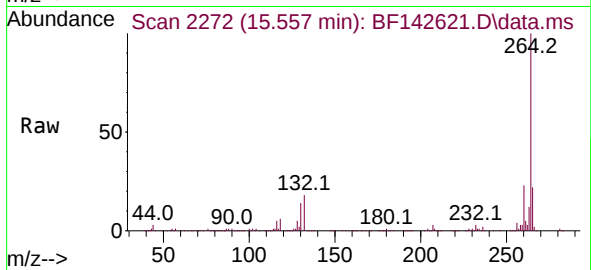
Tgt Ion:244 Resp: 936798
Ion Ratio Lower Upper
244 100
212 6.4 5.3 7.9
122 10.5 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF142621.D
 Acq: 04 Jun 2025 22:16

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 220382
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.6 17.7 26.5

