

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142476.D
 Acq On : 20 May 2025 17:29
 Operator : RC/JU
 Sample : PB168067TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168067TB

Quant Time: May 21 04:13:39 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)

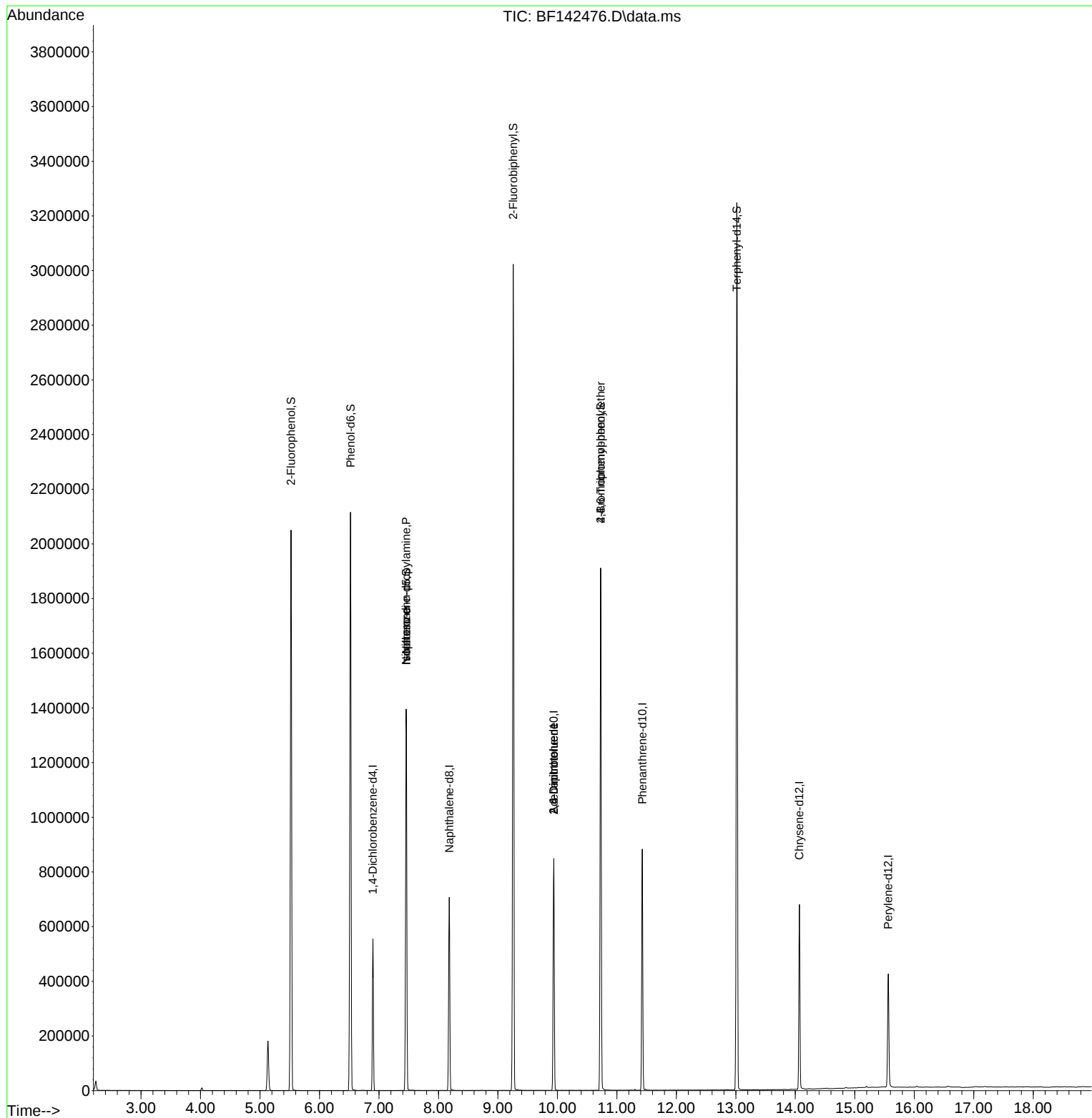
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	117324	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	464966	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	264815	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	463920	20.000	ng	0.00
76) Chrysene-d12	14.069	240	329578	20.000	ng	0.00
86) Perylene-d12	15.563	264	249872	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	814970	117.029	ng	0.00
7) Phenol-d6	6.522	99	1071323	127.800	ng	-0.01
23) Nitrobenzene-d5	7.457	82	639882	75.042	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	358490	121.972	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1436644	72.797	ng	-0.01
79) Terphenyl-d14	13.016	244	1664962	69.035	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	86621	16.673	ng	# 77
25) Isophorone	7.457	82	606214	42.522	ng	# 63
51) 2,6-Dinitrotoluene	9.939	165	33730	8.944	ng	# 27
57) 2,4-Dinitrotoluene	9.939	165	33730	6.848	ng	# 28
67) 4-Bromophenyl-phenylether	10.728	248	21906	3.993	ng	# 1

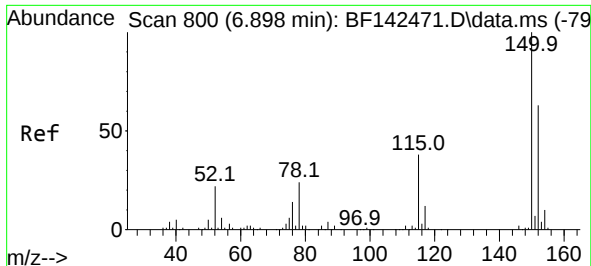
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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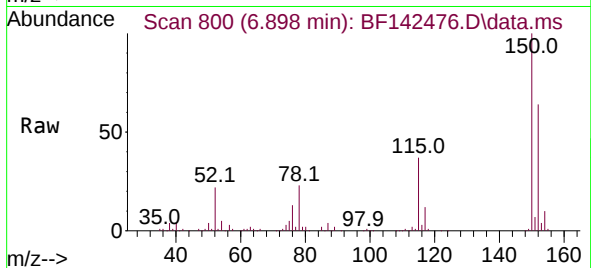
Quant Time: May 21 04:13:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
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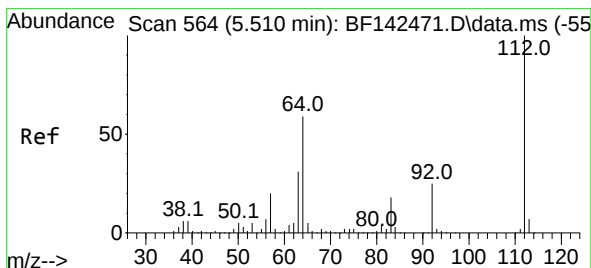
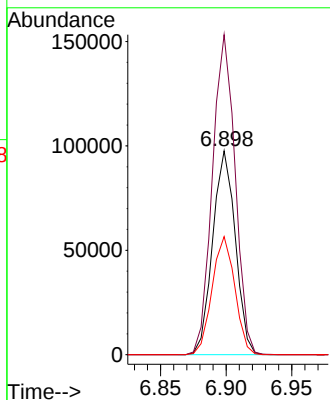
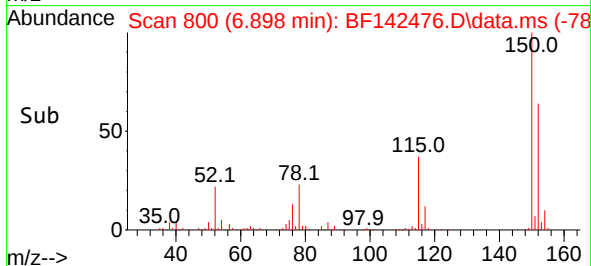


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142476.D
Acq: 20 May 2025 17:29

Instrument :
BNA_F
ClientSampleId :
PB168067TB

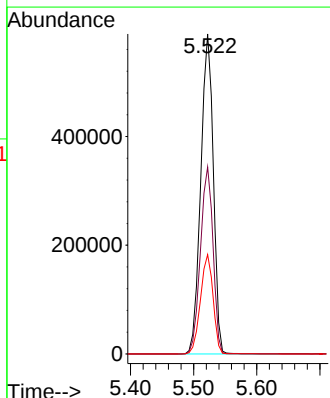
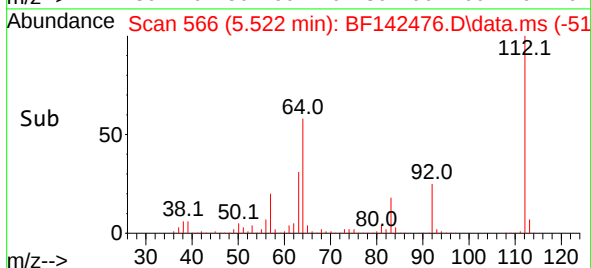
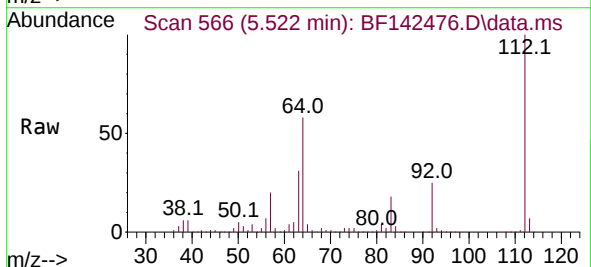


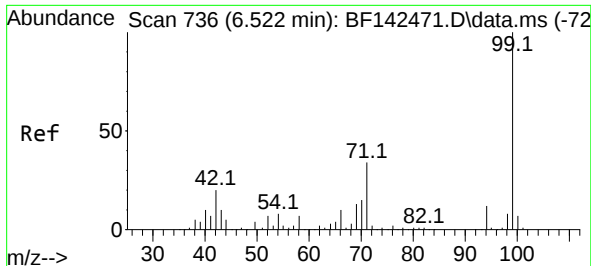
Tgt Ion:152 Resp: 117324
Ion Ratio Lower Upper
152 100
150 157.0 128.2 192.4
115 58.0 48.3 72.5



#5
2-Fluorophenol
Concen: 117.029 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142476.D
Acq: 20 May 2025 17:29

Tgt Ion:112 Resp: 814970
Ion Ratio Lower Upper
112 100
64 58.5 47.5 71.3
63 31.1 24.9 37.3

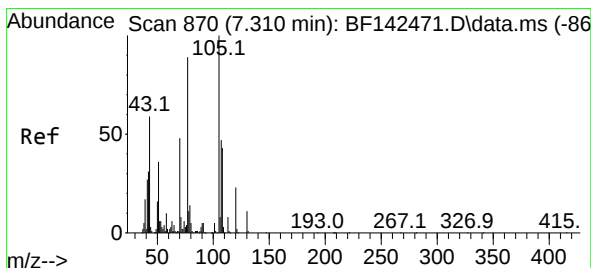
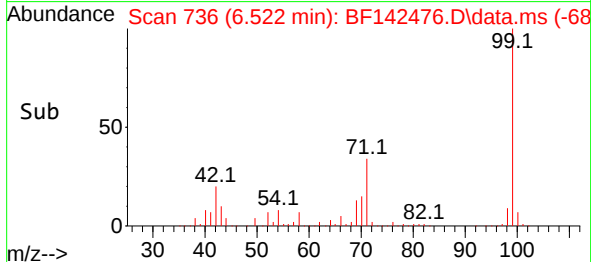
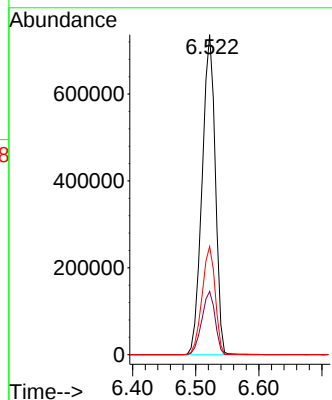
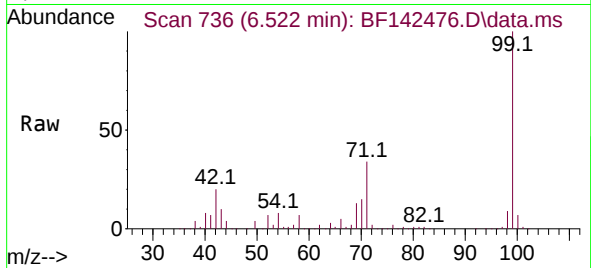




#7
Phenol-d6
Concen: 127.800 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142476.D
Acq: 20 May 2025 17:29

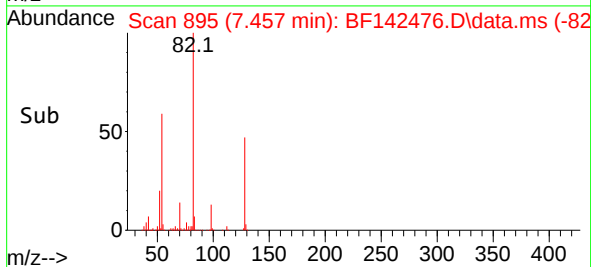
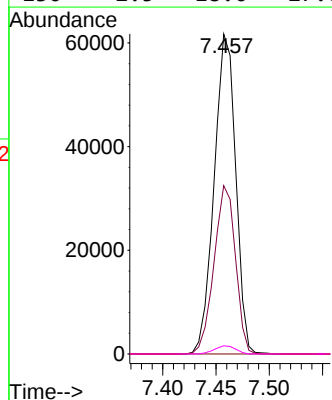
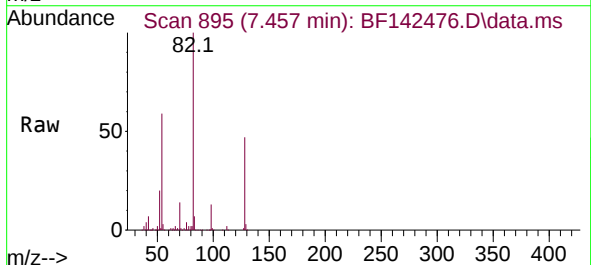
Instrument :
BNA_F
ClientSampleId :
PB168067TB

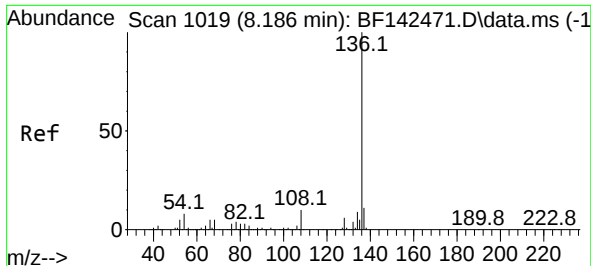
Tgt Ion: 99 Resp: 1071323
Ion Ratio Lower Upper
99 100
42 19.7 16.2 24.2
71 33.8 27.3 40.9



#19
n-Nitroso-di-n-propylamine
Concen: 16.673 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.130 min
Lab File: BF142476.D
Acq: 20 May 2025 17:29

Tgt Ion: 70 Resp: 86621
Ion Ratio Lower Upper
70 100
42 52.6 52.4 78.6
101 0.0 7.8 11.8#
130 2.5 18.0 27.0#

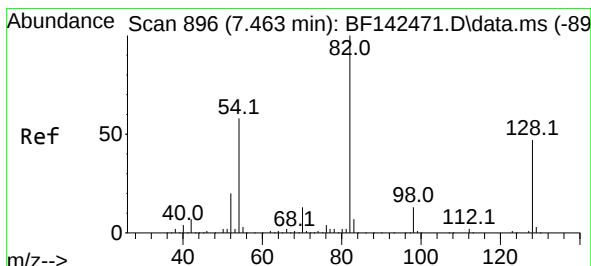
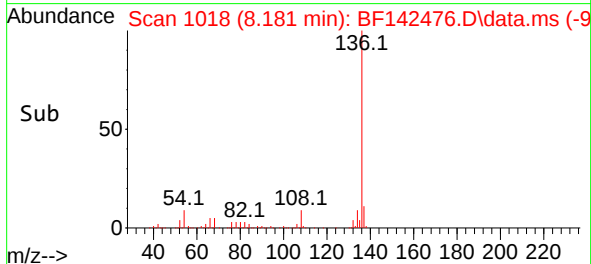
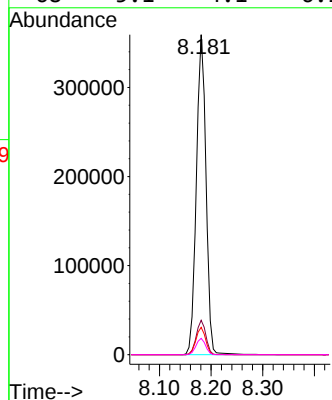
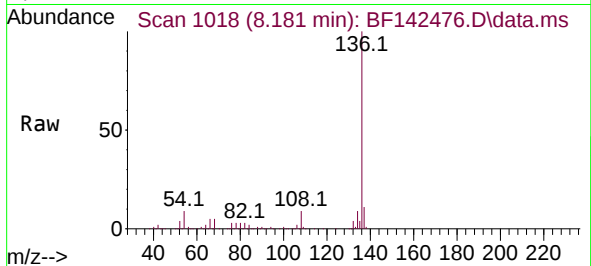




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142476.D
Acq: 20 May 2025 17:29

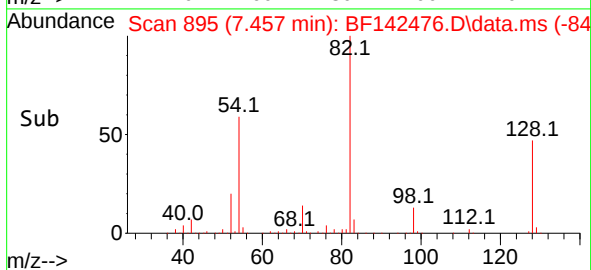
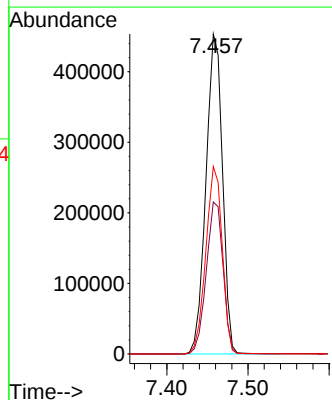
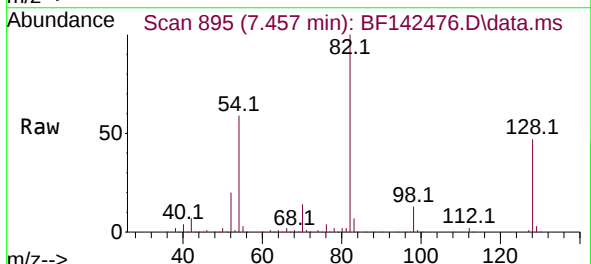
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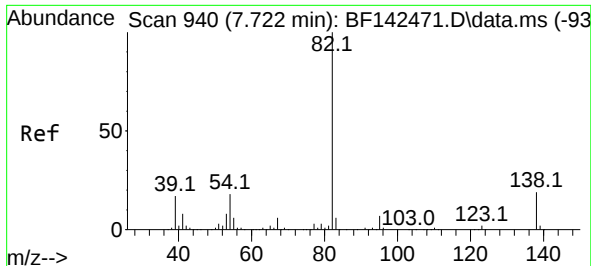
Tgt Ion:136 Resp: 464966
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.5 6.6 10.0
68 5.1 4.1 6.1



#23
Nitrobenzene-d5
Concen: 75.042 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.017 min
Lab File: BF142476.D
Acq: 20 May 2025 17:29

Tgt Ion: 82 Resp: 639882
Ion Ratio Lower Upper
82 100
128 47.5 37.4 56.2
54 58.6 46.6 70.0

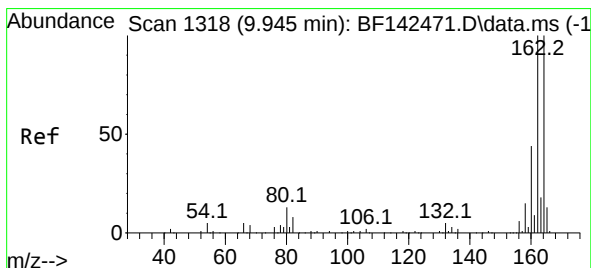
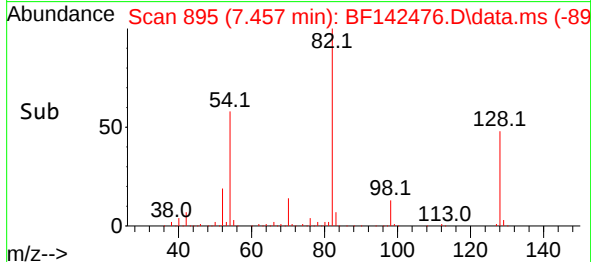
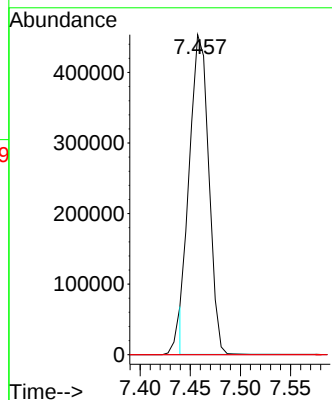
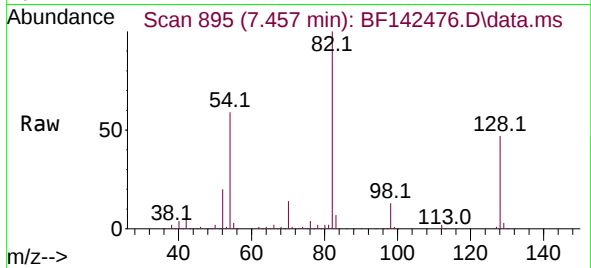




#25
Isophorone
Concen: 42.522 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF142476.D
Acq: 20 May 2025 17:29

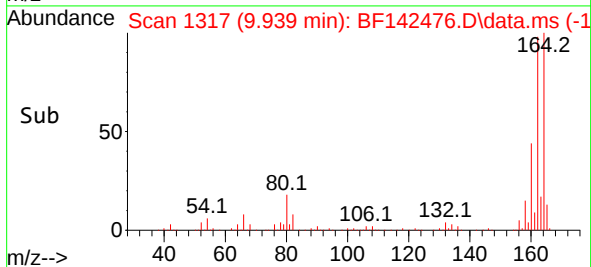
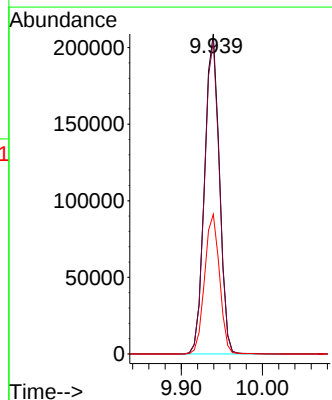
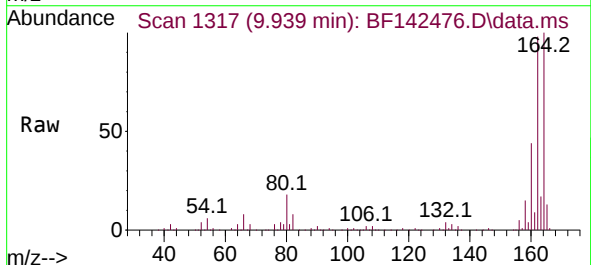
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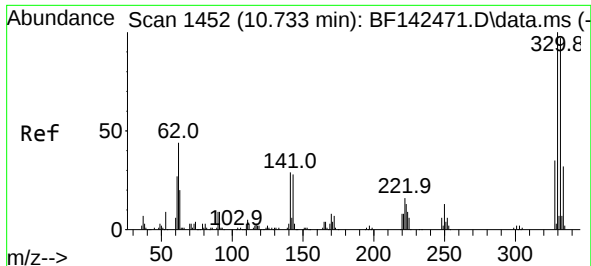
Tgt Ion: 82 Resp: 606214
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.5 23.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142476.D
Acq: 20 May 2025 17:29

Tgt Ion:164 Resp: 264815
Ion Ratio Lower Upper
164 100
162 97.9 80.2 120.4
160 43.7 35.6 53.4

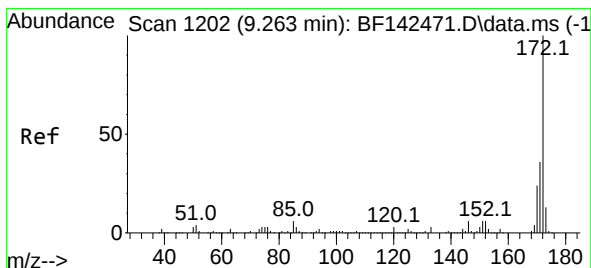
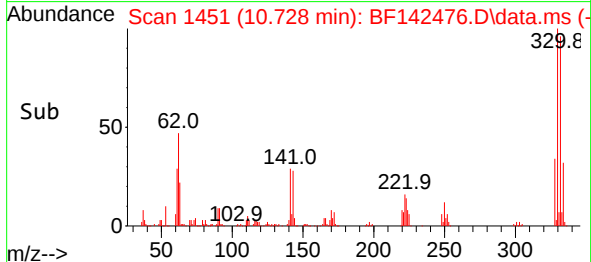
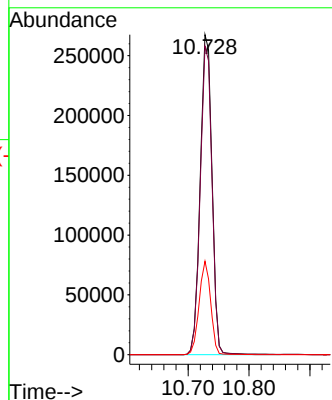
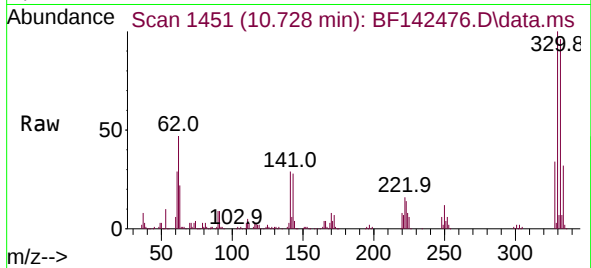




#42
2,4,6-Tribromophenol
Concen: 121.972 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142476.D
Acq: 20 May 2025 17:29

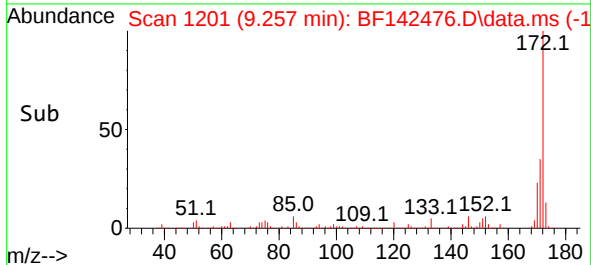
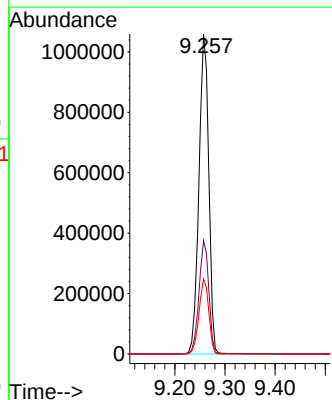
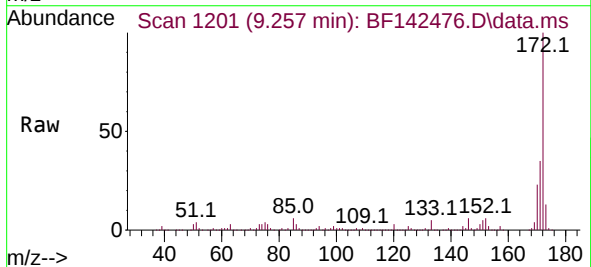
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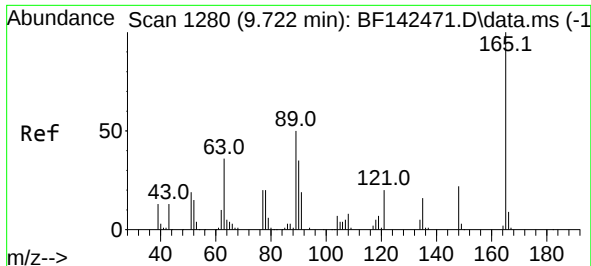
Tgt Ion:330 Resp: 358490
Ion Ratio Lower Upper
330 100
332 96.2 77.6 116.4
141 28.7 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 72.797 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142476.D
Acq: 20 May 2025 17:29

Tgt Ion:172 Resp: 1436644
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.4 18.9 28.3

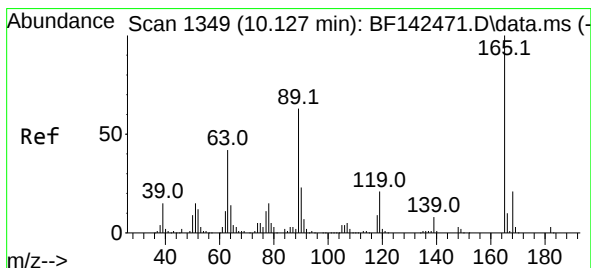
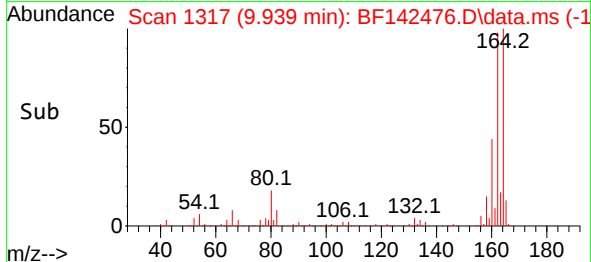
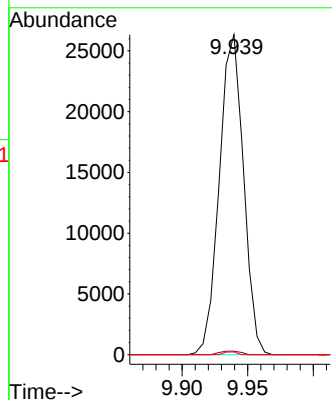
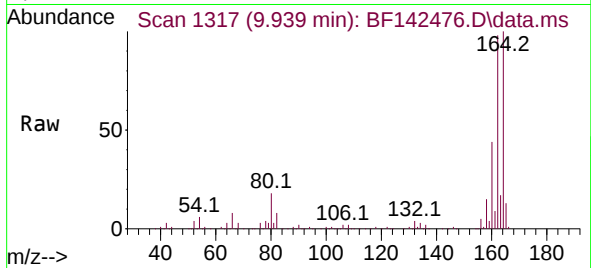




#51
2,6-Dinitrotoluene
Concen: 8.944 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF142476.D
Acq: 20 May 2025 17:29

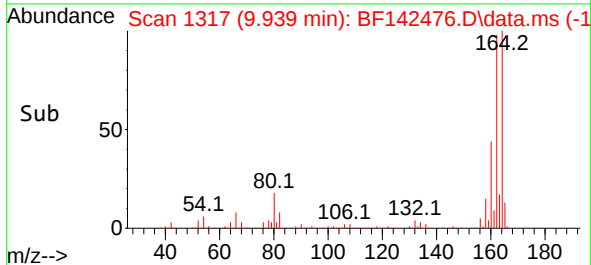
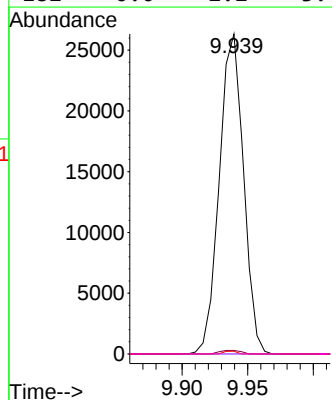
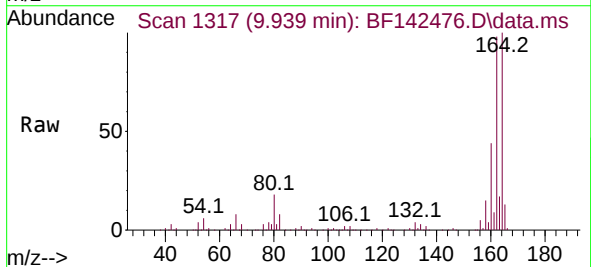
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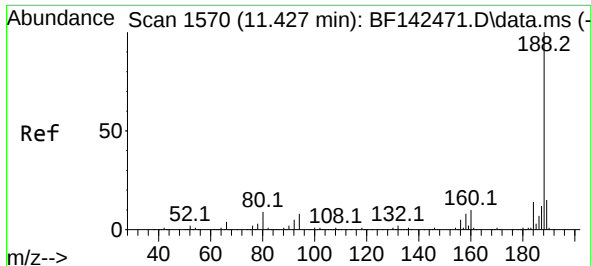
Tgt Ion:165 Resp: 33730
Ion Ratio Lower Upper
165 100
63 1.1 42.9 64.3#
89 0.9 40.2 60.4#



#57
2,4-Dinitrotoluene
Concen: 6.848 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.194 min
Lab File: BF142476.D
Acq: 20 May 2025 17:29

Tgt Ion:165 Resp: 33730
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#

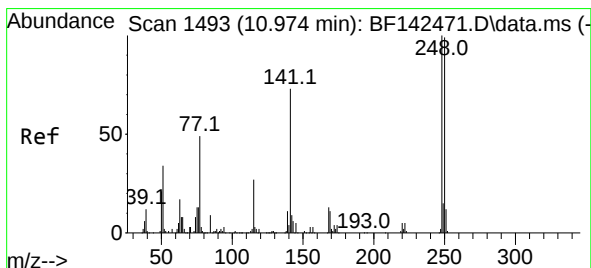
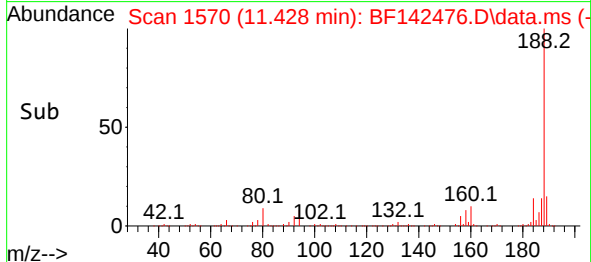
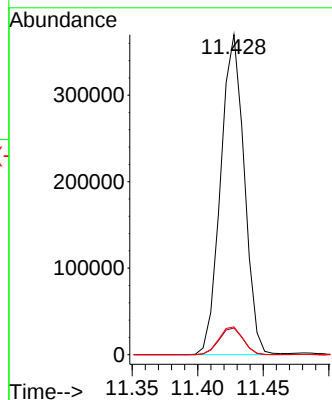
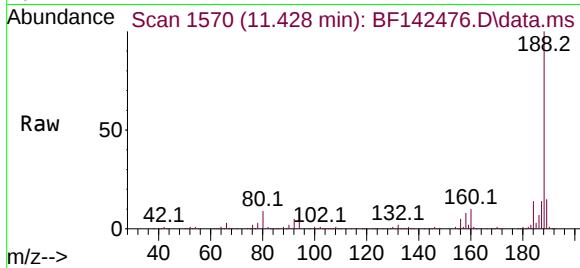




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142476.D
Acq: 20 May 2025 17:29

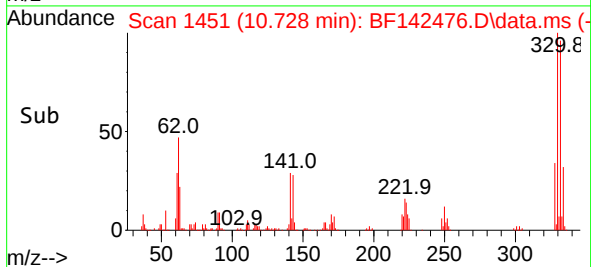
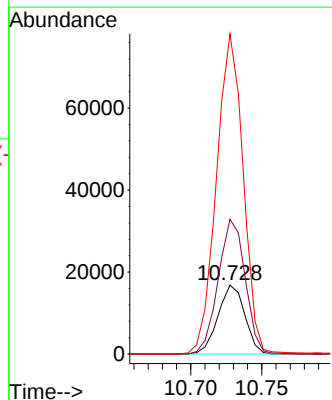
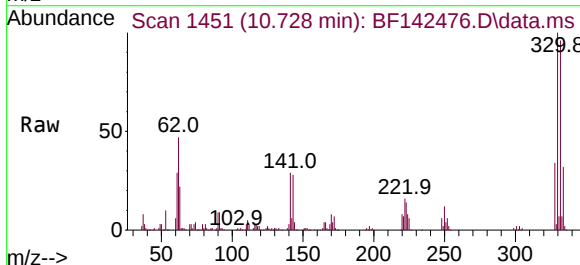
Instrument :
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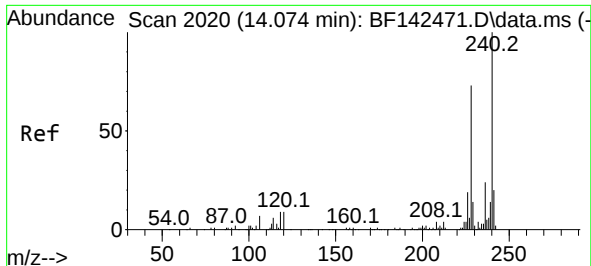
Tgt Ion:188 Resp: 463920
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 8.7 7.4 11.0



#67
4-Bromophenyl-phenylether
Concen: 3.993 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF142476.D
Acq: 20 May 2025 17:29

Tgt Ion:248 Resp: 21906
Ion Ratio Lower Upper
248 100
250 195.5 79.0 118.4#
141 464.5 58.4 87.6#

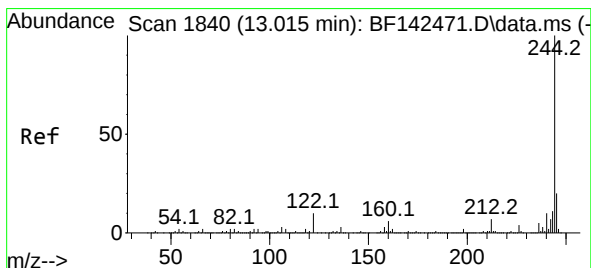
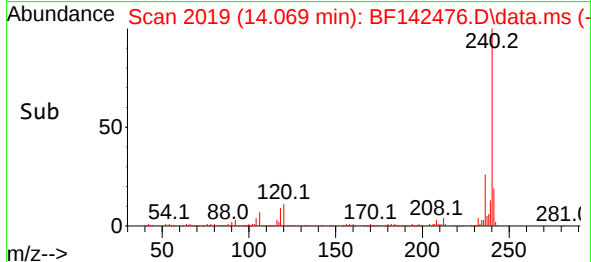
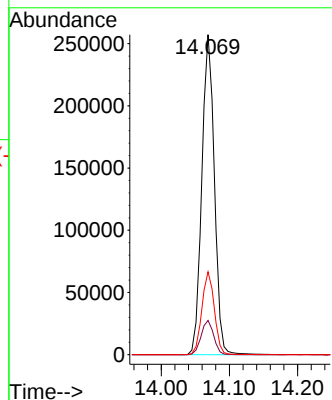
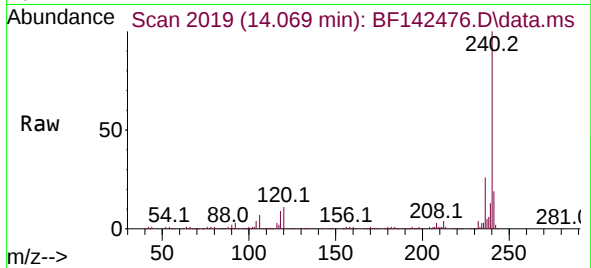




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142476.D
Acq: 20 May 2025 17:29

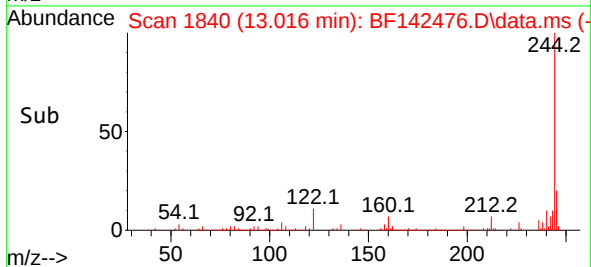
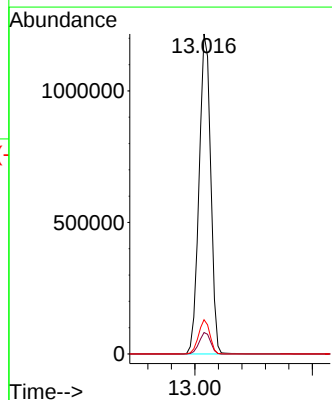
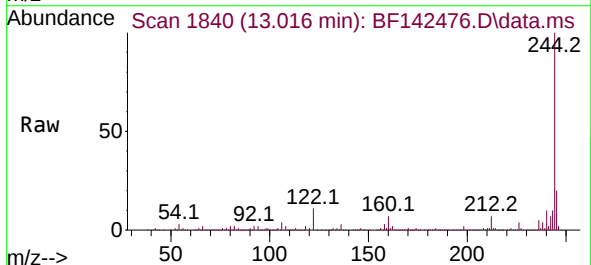
Instrument :
BNA_F
ClientSampleId :
PB168067TB

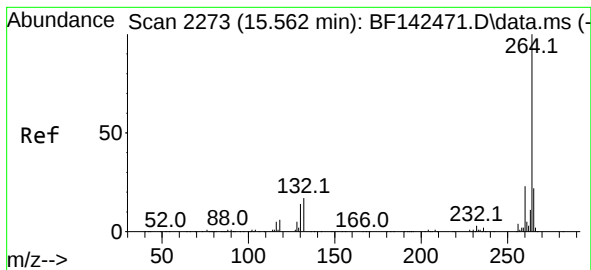
Tgt Ion:240 Resp: 329578
Ion Ratio Lower Upper
240 100
120 10.7 7.5 11.3
236 25.9 19.6 29.4



#79
Terphenyl-d14
Concen: 69.035 ng
RT: 13.016 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BF142476.D
Acq: 20 May 2025 17:29

Tgt Ion:244 Resp: 1664962
Ion Ratio Lower Upper
244 100
212 6.7 5.3 7.9
122 10.7 8.2 12.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142476.D

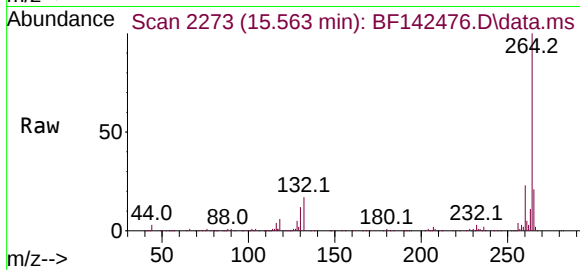
Acq: 20 May 2025 17:29

Instrument :

BNA_F

ClientSampleId :

PB168067TB



Tgt Ion:264 Resp: 249872

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.0 17.7 26.5

