

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
 Data File : BF142574.D
 Acq On : 30 May 2025 17:18
 Operator : RC/JU
 Sample : Q2136-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-646-COMP-52

Quant Time: May 30 17:40:40 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)

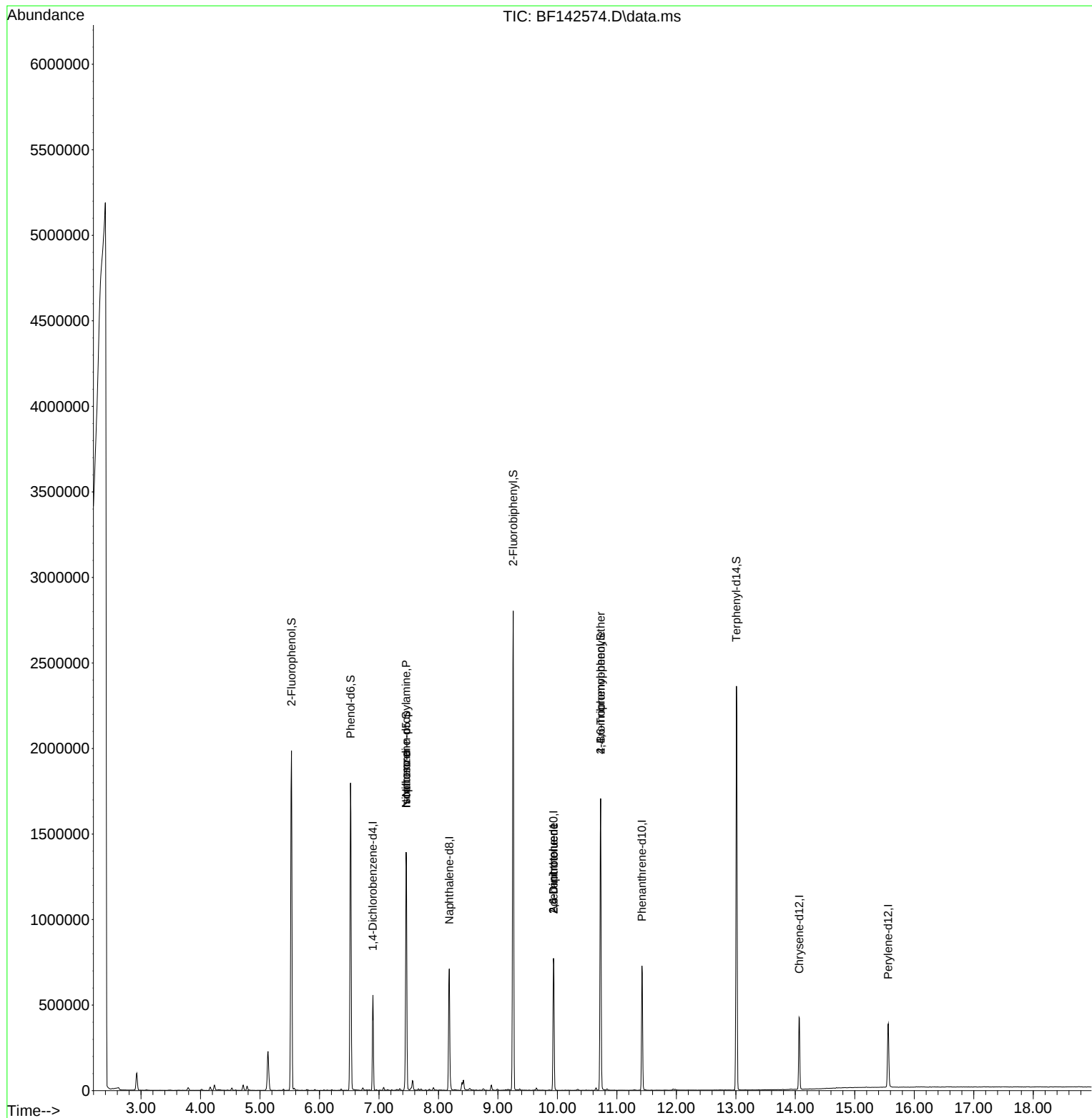
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	119748	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	458492	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	237466	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	387644	20.000	ng	-0.01
76) Chrysene-d12	14.068	240	219536	20.000	ng	0.00
86) Perylene-d12	15.562	264	230875	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	793303	111.611	ng	0.01
7) Phenol-d6	6.522	99	877000	102.501	ng	-0.01
23) Nitrobenzene-d5	7.457	82	631214	75.071	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	319017	121.043	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1295893	73.228	ng	-0.01
79) Terphenyl-d14	13.010	244	1174086	73.083	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	84357	15.908	ng	# 77
25) Isophorone	7.457	82	603084	42.900	ng	# 63
51) 2,6-Dinitrotoluene	9.933	165	31185	9.221	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	31185	7.061	ng	# 28
67) 4-Bromophenyl-phenylether	10.727	248	19427	4.238	ng	# 1

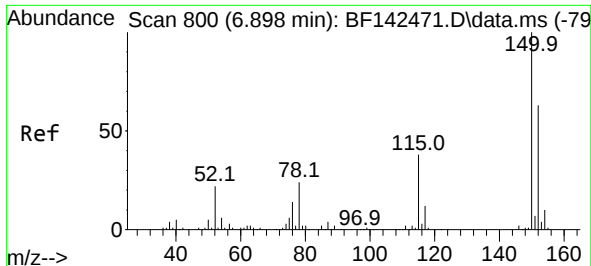
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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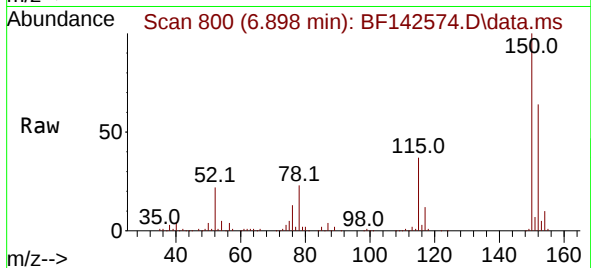
Quant Time: May 30 17:40:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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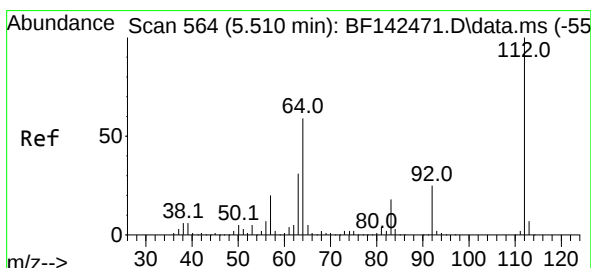
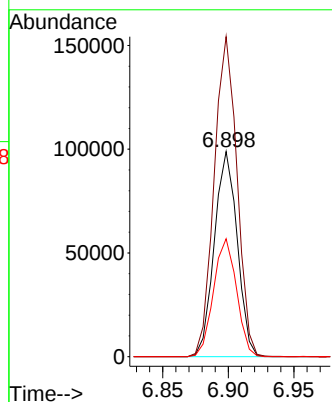
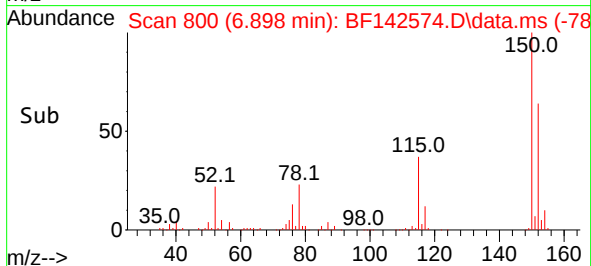


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142574.D
Acq: 30 May 2025 17:18

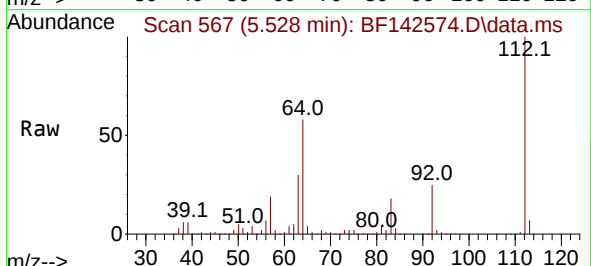
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52



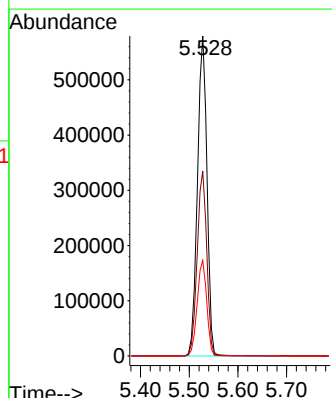
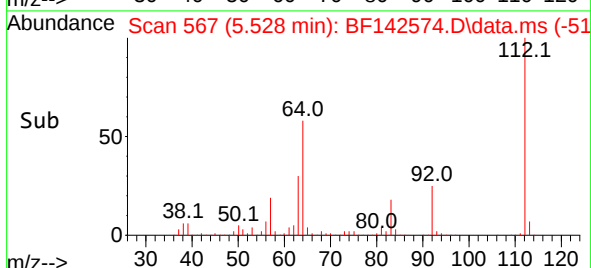
Tgt Ion:152 Resp: 119748
Ion Ratio Lower Upper
152 100
150 156.0 128.2 192.4
115 57.5 48.3 72.5

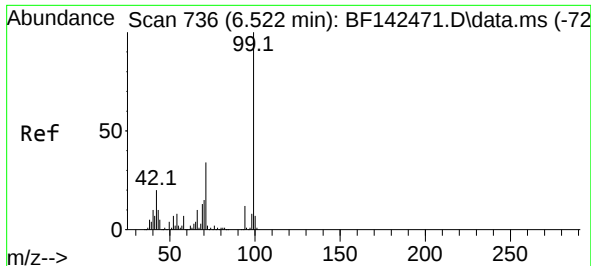


#5
2-Fluorophenol
Concen: 111.611 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142574.D
Acq: 30 May 2025 17:18



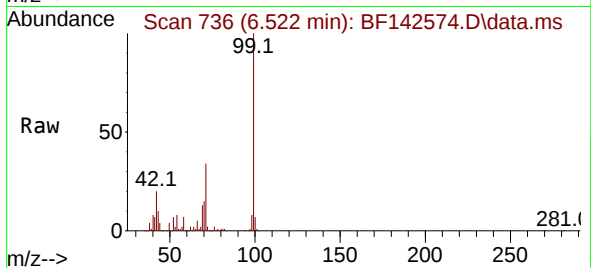
Tgt Ion:112 Resp: 793303
Ion Ratio Lower Upper
112 100
64 57.8 47.5 71.3
63 29.8 24.9 37.3



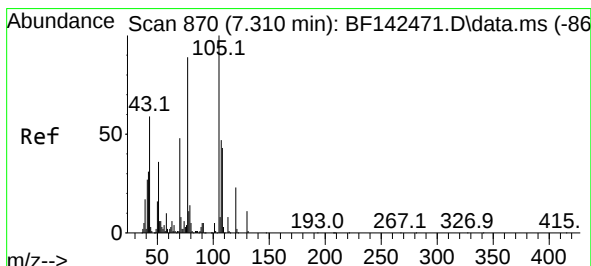
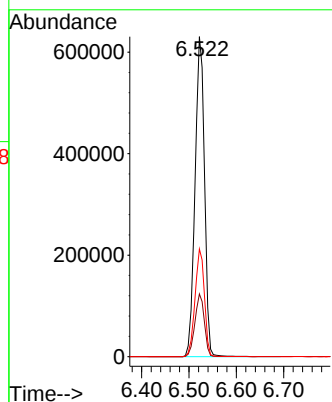
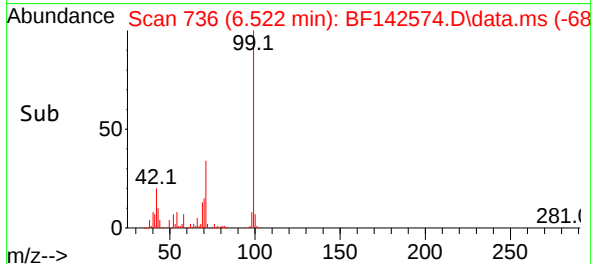


#7
Phenol-d6
Concen: 102.501 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142574.D
Acq: 30 May 2025 17:18

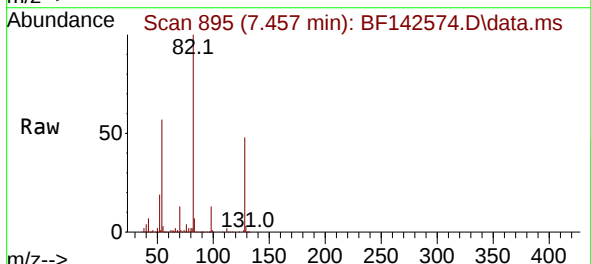
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52



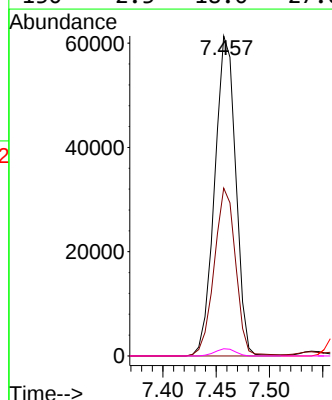
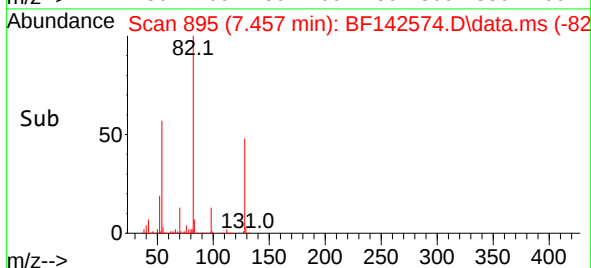
Tgt Ion: 99 Resp: 877000
Ion Ratio Lower Upper
99 100
42 19.6 16.2 24.2
71 33.6 27.3 40.9

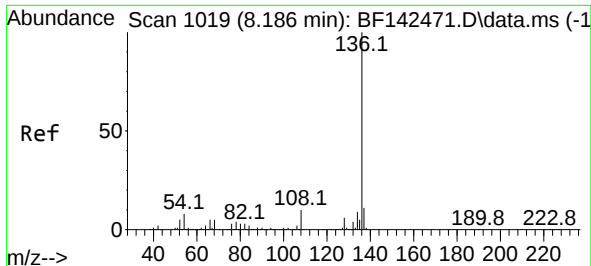


#19
n-Nitroso-di-n-propylamine
Concen: 15.908 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.130 min
Lab File: BF142574.D
Acq: 30 May 2025 17:18



Tgt Ion: 70 Resp: 84357
Ion Ratio Lower Upper
70 100
42 52.5 52.4 78.6
101 0.0 7.8 11.8#
130 2.3 18.0 27.0#

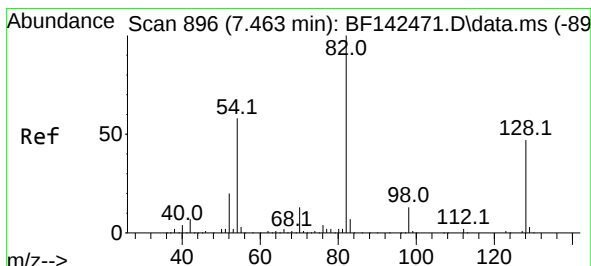
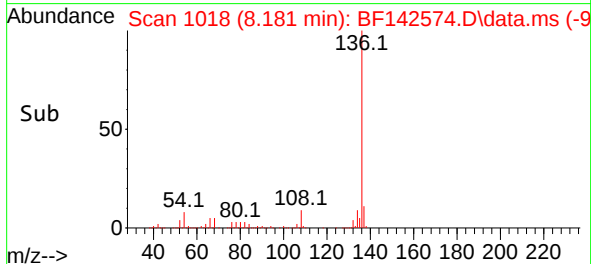
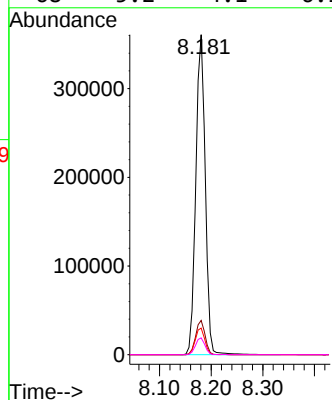
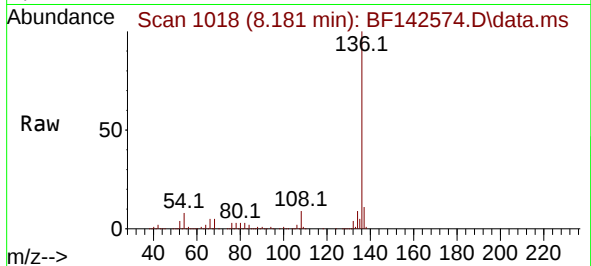




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142574.D
Acq: 30 May 2025 17:18

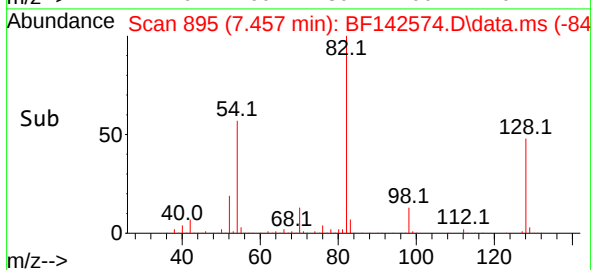
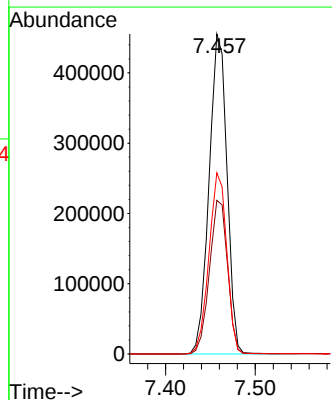
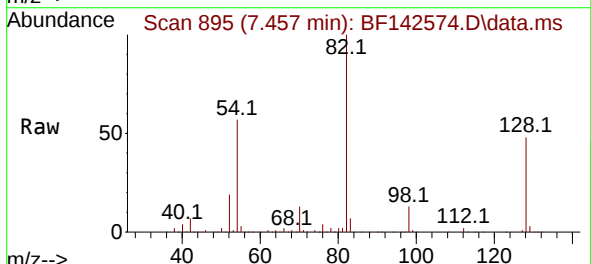
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52

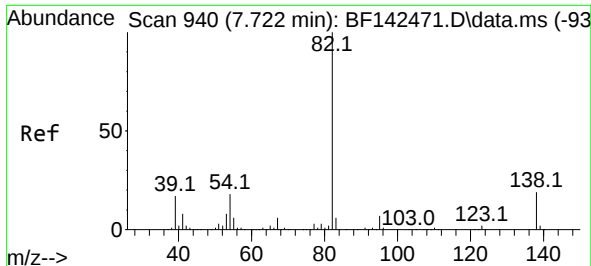
Tgt Ion:136 Resp: 458492
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.3 6.6 10.0
68 5.2 4.1 6.1



#23
Nitrobenzene-d5
Concen: 75.071 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF142574.D
Acq: 30 May 2025 17:18

Tgt Ion: 82 Resp: 631214
Ion Ratio Lower Upper
82 100
128 48.0 37.4 56.2
54 56.6 46.6 70.0

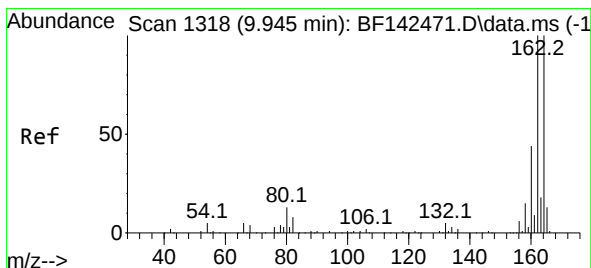
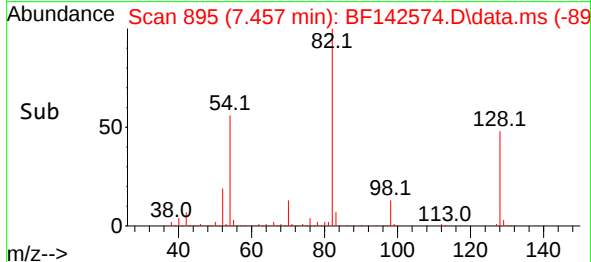
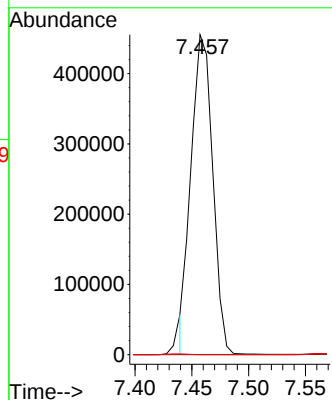
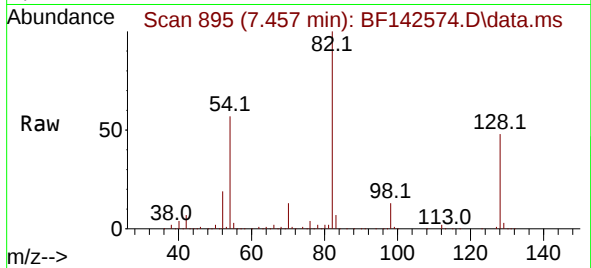




#25
Isophorone
Concen: 42.900 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF142574.D
Acq: 30 May 2025 17:18

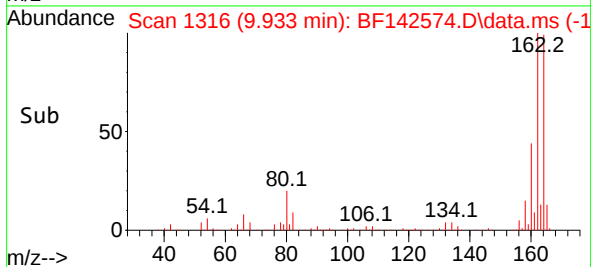
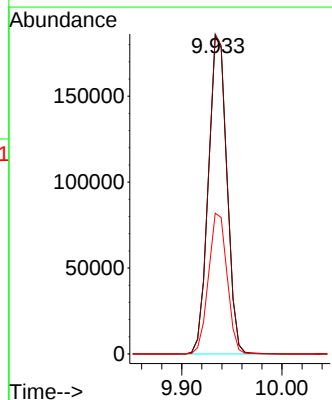
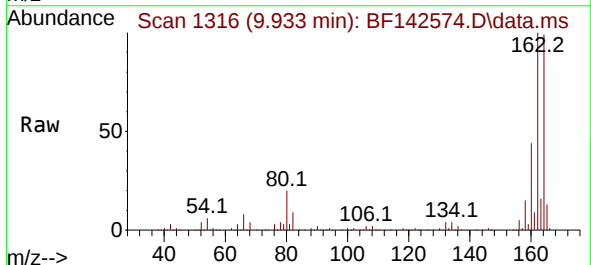
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52

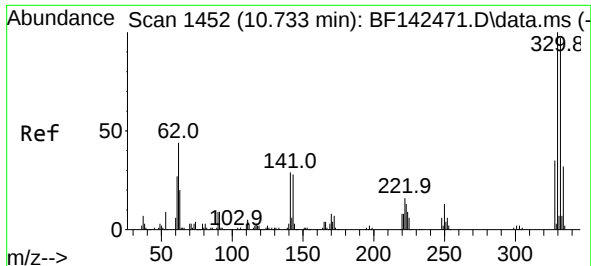
Tgt Ion: 82 Resp: 603084
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.5 23.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142574.D
Acq: 30 May 2025 17:18

Tgt Ion:164 Resp: 237466
Ion Ratio Lower Upper
164 100
162 100.6 80.2 120.4
160 44.3 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 121.043 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF142574.D

Acq: 30 May 2025 17:18

Instrument :

BNA_F

ClientSampleId :

OR-646-COMP-52

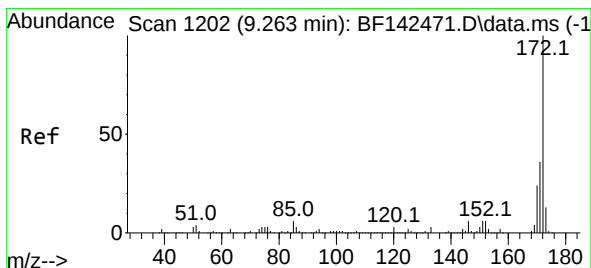
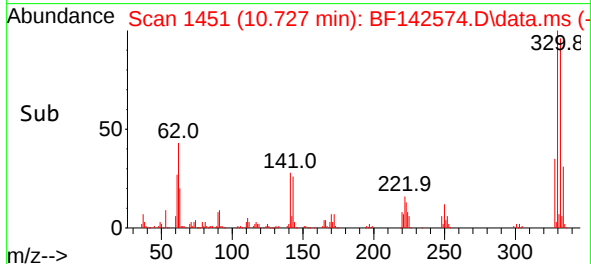
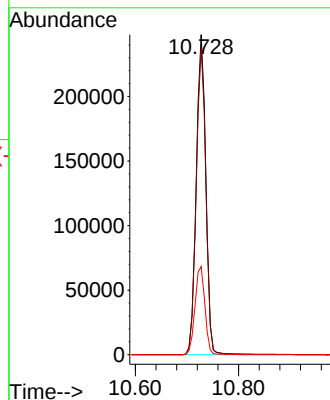
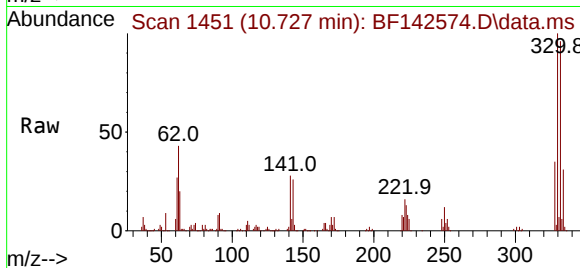
Tgt Ion:330 Resp: 319017

Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

141 28.5 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 73.228 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF142574.D

Acq: 30 May 2025 17:18

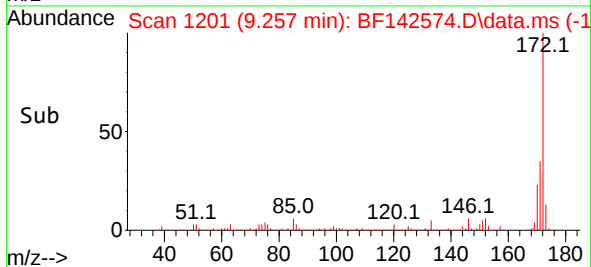
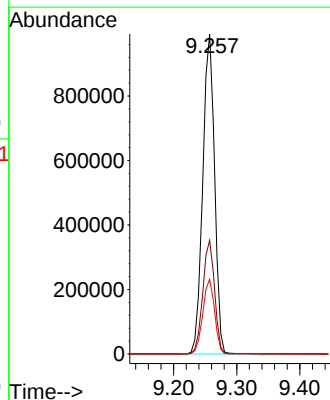
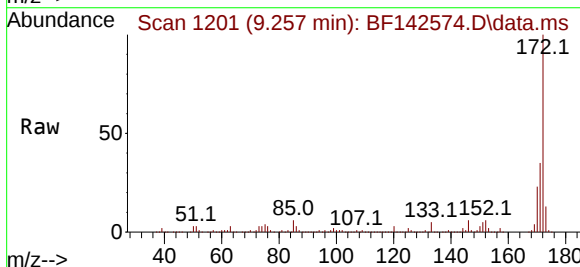
Tgt Ion:172 Resp: 1295893

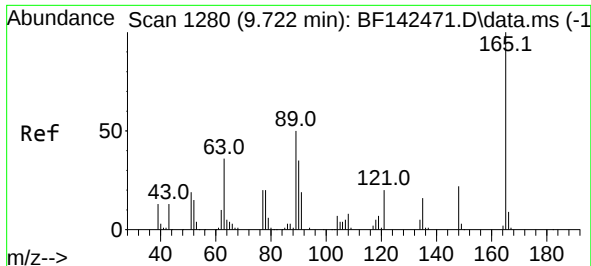
Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.3 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 9.221 ng

RT: 9.933 min Scan# 1

Delta R.T. 0.206 min

Lab File: BF142574.D

Acq: 30 May 2025 17:18

Instrument :

BNA_F

ClientSampleId :

OR-646-COMP-52

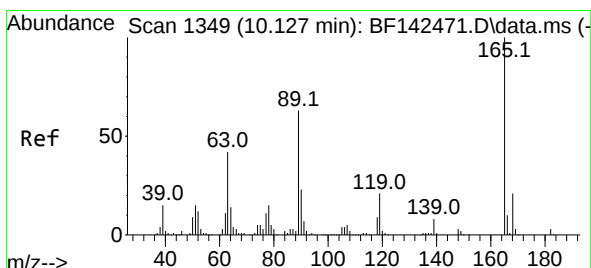
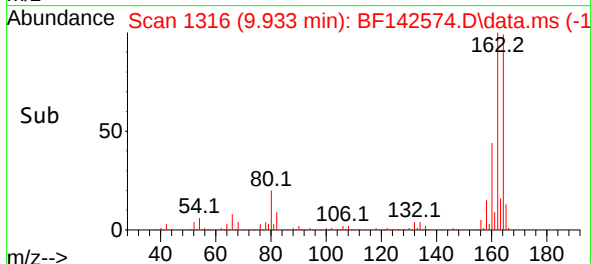
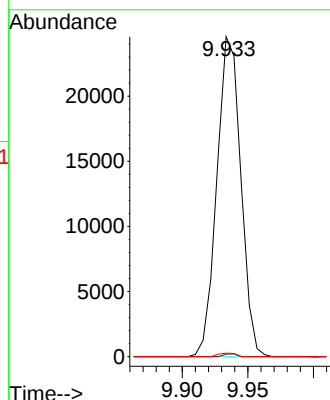
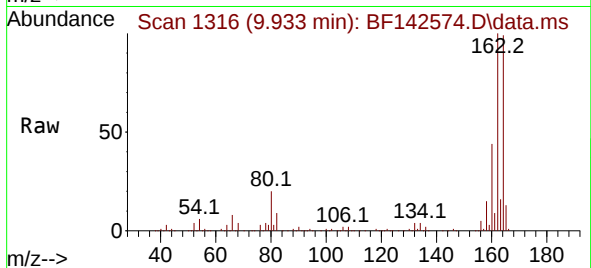
Tgt Ion:165 Resp: 31185

Ion Ratio Lower Upper

165 100

63 0.8 42.9 64.3#

89 1.1 40.2 60.4#



#57

2,4-Dinitrotoluene

Concen: 7.061 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.200 min

Lab File: BF142574.D

Acq: 30 May 2025 17:18

Tgt Ion:165 Resp: 31185

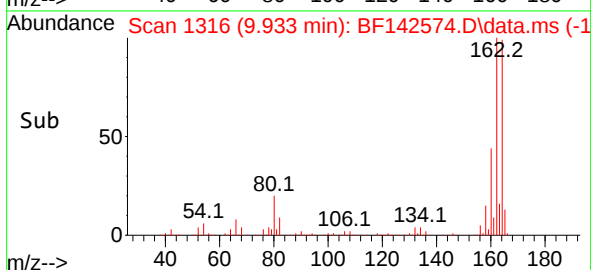
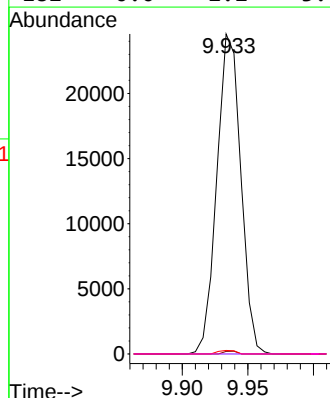
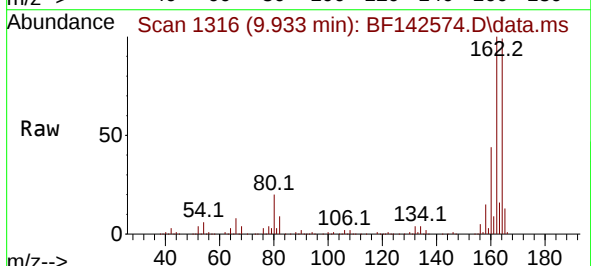
Ion Ratio Lower Upper

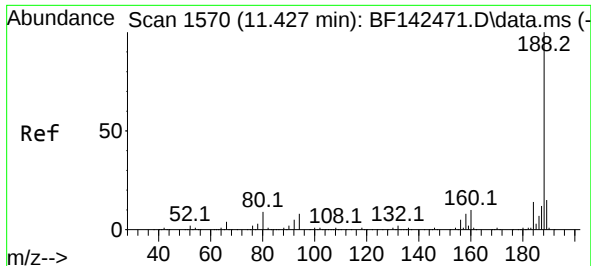
165 100

63 0.8 33.6 50.4#

89 1.1 50.2 75.4#

182 0.0 2.2 3.4#

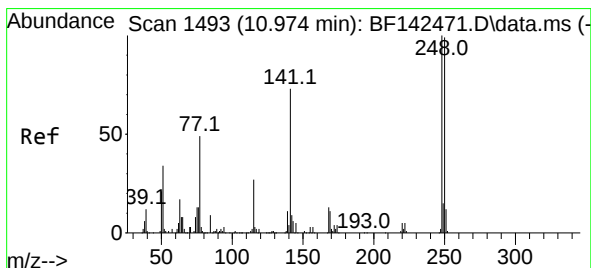
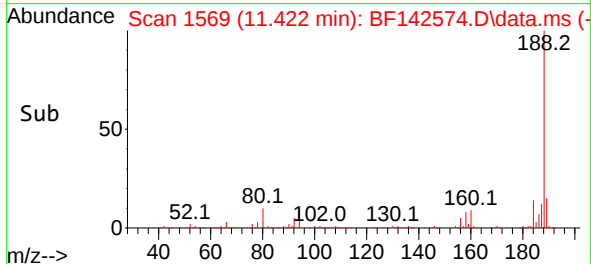
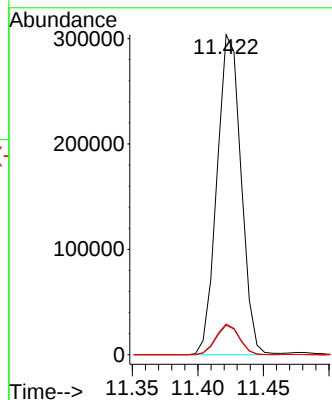
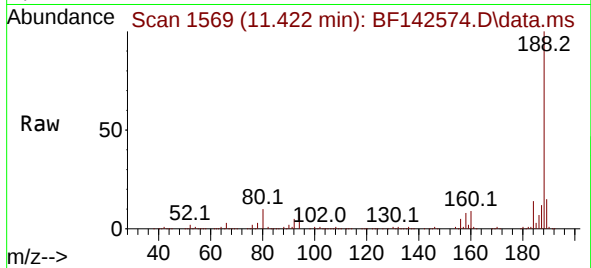




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142574.D
Acq: 30 May 2025 17:18

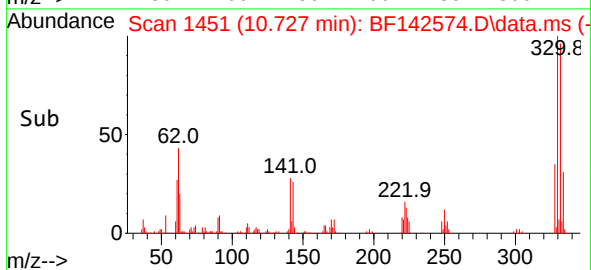
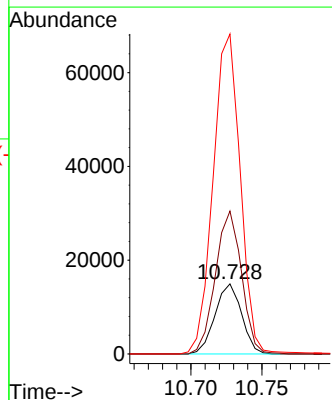
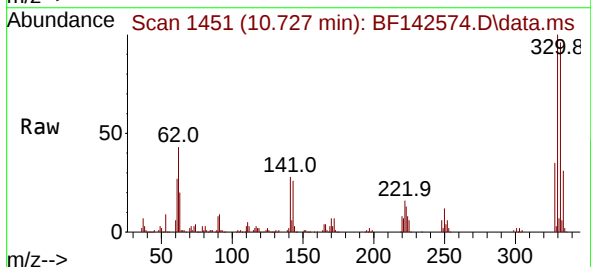
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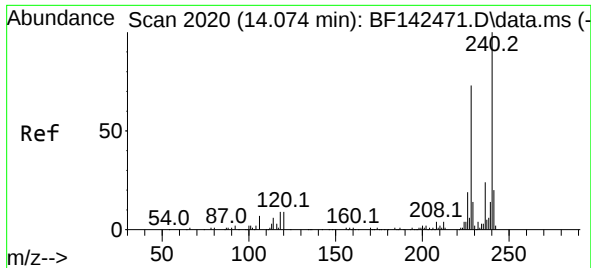
Tgt Ion:188 Resp: 387644
Ion Ratio Lower Upper
188 100
94 9.2 6.6 10.0
80 9.6 7.4 11.0



#67
4-Bromophenyl-phenylether
Concen: 4.238 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF142574.D
Acq: 30 May 2025 17:18

Tgt Ion:248 Resp: 19427
Ion Ratio Lower Upper
248 100
250 204.0 79.0 118.4#
141 456.8 58.4 87.6#

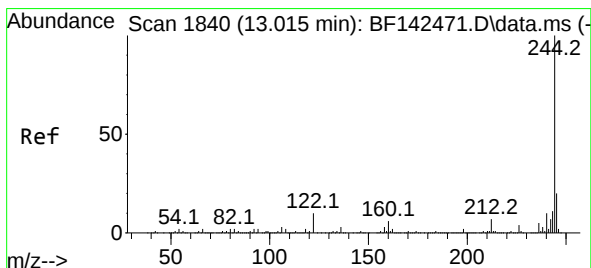
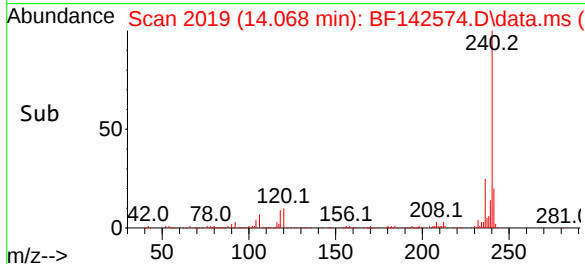
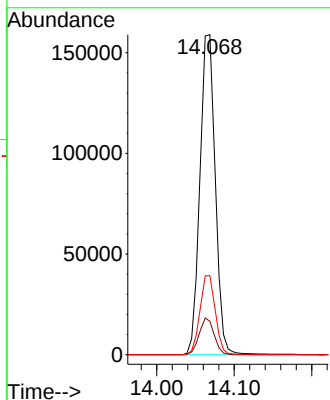
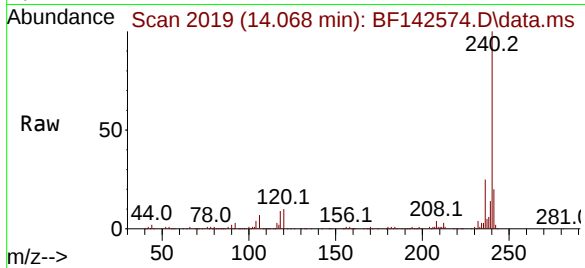




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142574.D
Acq: 30 May 2025 17:18

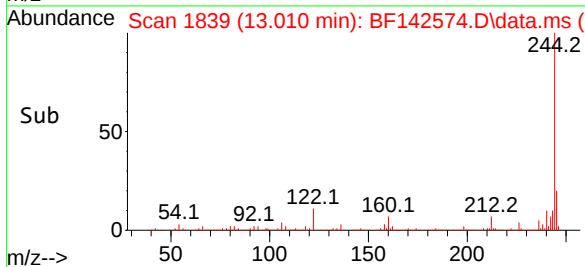
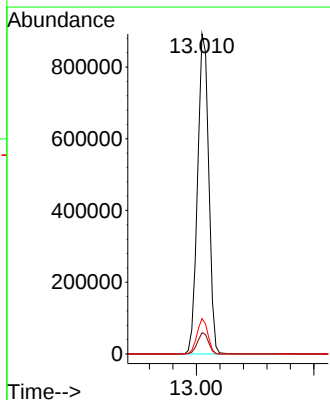
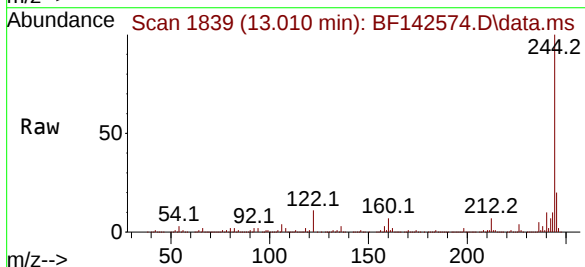
Instrument :
BNA_F
ClientSampleId :
OR-646-COMP-52

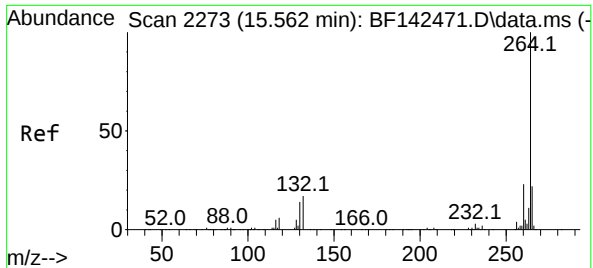
Tgt Ion:240 Resp: 219536
Ion Ratio Lower Upper
240 100
120 10.5 7.5 11.3
236 24.7 19.6 29.4



#79
Terphenyl-d14
Concen: 73.083 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142574.D
Acq: 30 May 2025 17:18

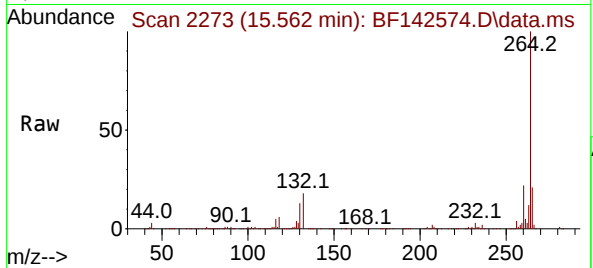
Tgt Ion:244 Resp: 1174086
Ion Ratio Lower Upper
244 100
212 6.6 5.3 7.9
122 11.1 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142574.D
 Acq: 30 May 2025 17:18

Instrument :
 BNA_F
 ClientSampleId :
 OR-646-COMP-52



Tgt Ion:264 Resp: 230875
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.6 28.0
 265 21.4 17.7 26.5

