

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
 Data File : BF142567.D
 Acq On : 30 May 2025 13:49
 Operator : RC/JU
 Sample : PB168211BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168211BL

Quant Time: May 30 14:21:26 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)

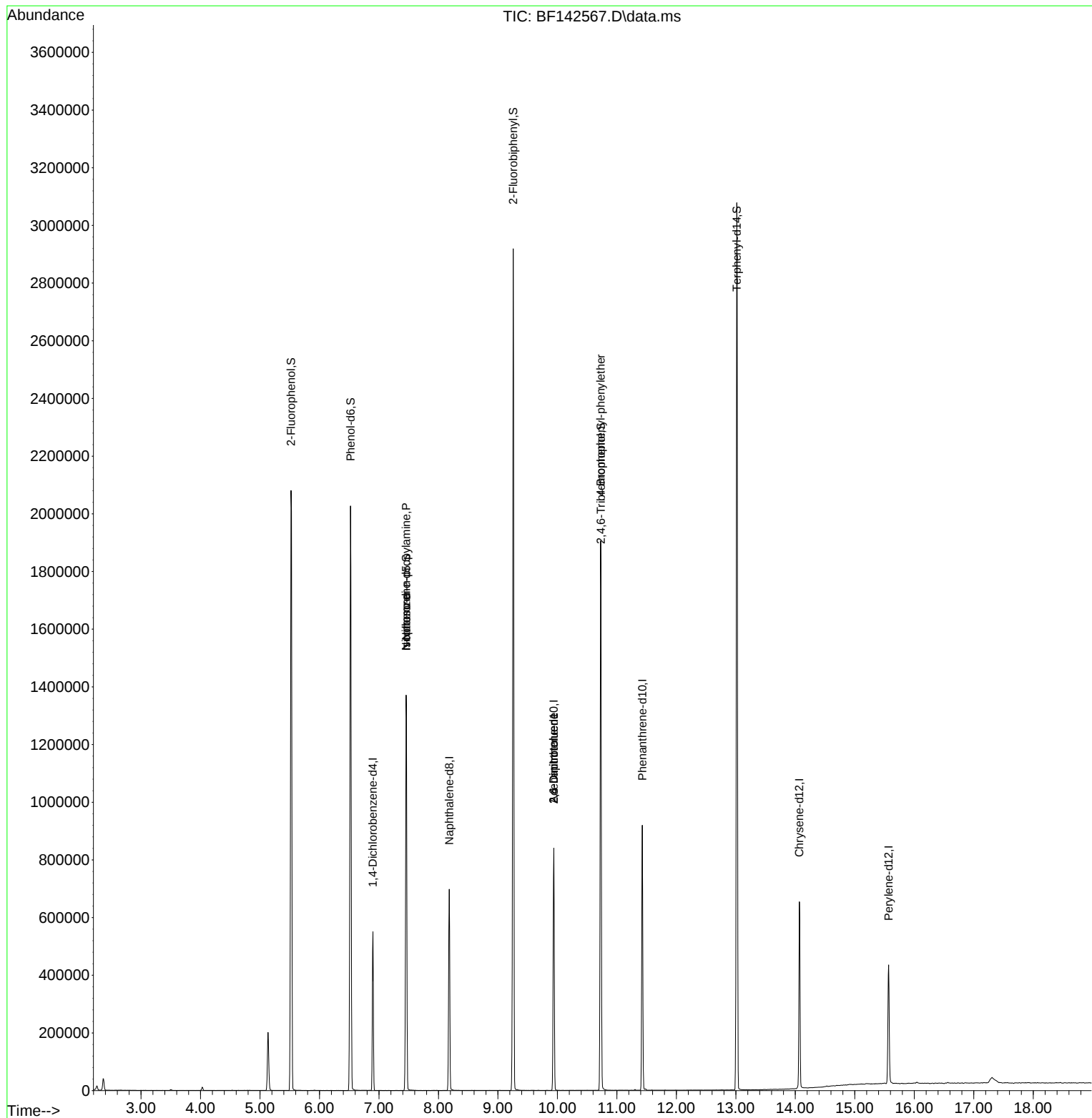
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	120363	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	465933	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	259895	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	480220	20.000	ng	0.00
76) Chrysene-d12	14.069	240	319274	20.000	ng	# 0.00
86) Perylene-d12	15.568	264	249124	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	858655	120.188	ng	0.00
7) Phenol-d6	6.522	99	1042703	121.245	ng	-0.01
23) Nitrobenzene-d5	7.457	82	634450	74.251	ng	-0.02
42) 2,4,6-Tribromophenol	10.733	330	359050	124.475	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1376467	71.068	ng	-0.01
79) Terphenyl-d14	13.016	244	1598136	68.403	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	87134	16.348	ng	# 75
25) Isophorone	7.457	82	598940	41.924	ng	# 63
51) 2,6-Dinitrotoluene	9.939	165	33727	9.112	ng	# 27
57) 2,4-Dinitrotoluene	9.939	165	33727	6.977	ng	# 28
67) 4-Bromophenyl-phenylether	10.728	248	22830	4.021	ng	# 1

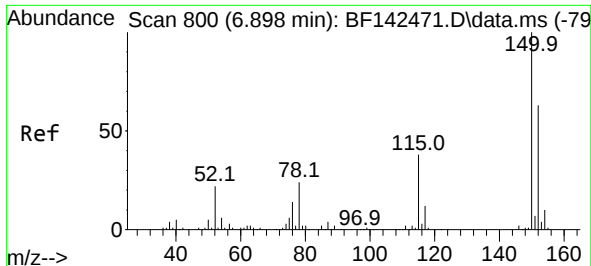
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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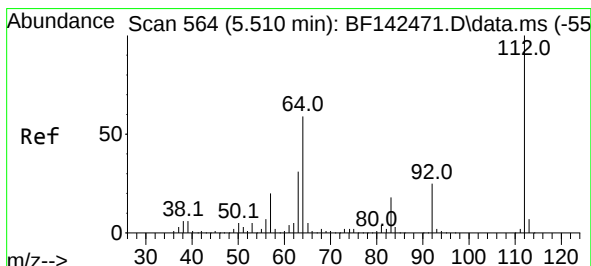
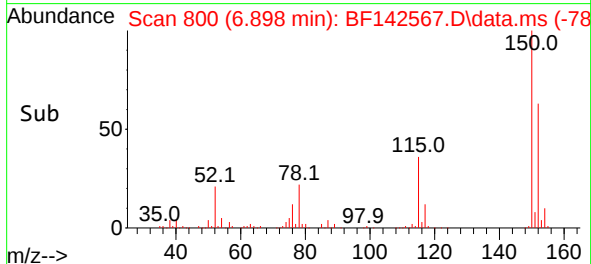
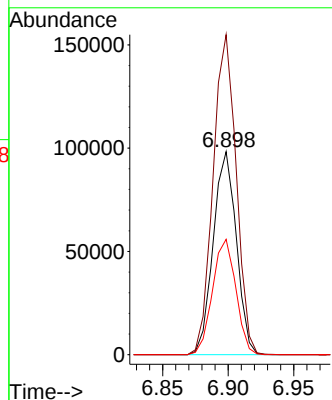
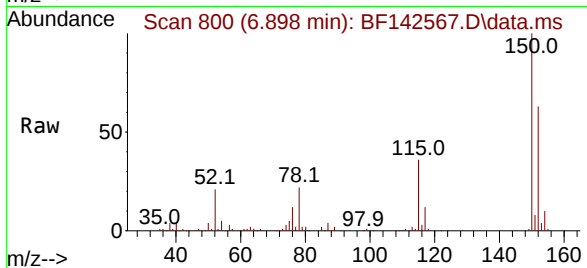




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142567.D
Acq: 30 May 2025 13:49

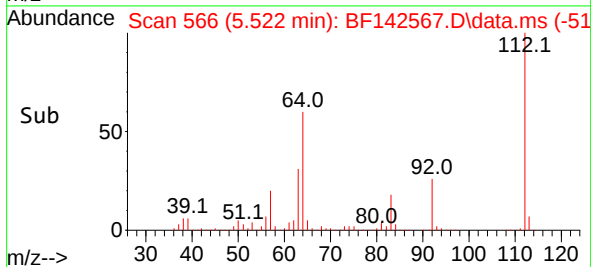
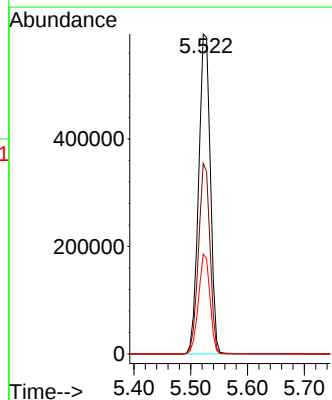
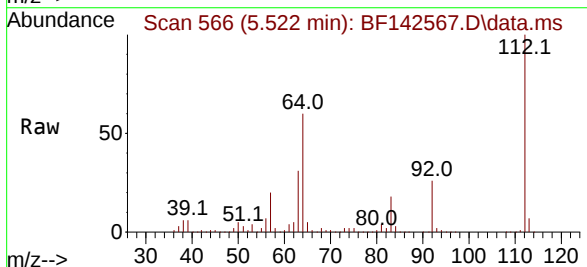
Instrument :
BNA_F
ClientSampleId :
PB168211BL

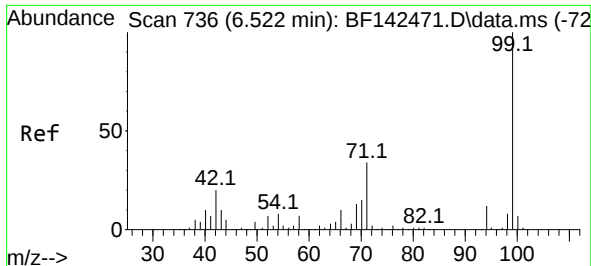
Tgt Ion:152 Resp: 120363
Ion Ratio Lower Upper
152 100
150 157.6 128.2 192.4
115 56.8 48.3 72.5



#5
2-Fluorophenol
Concen: 120.188 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142567.D
Acq: 30 May 2025 13:49

Tgt Ion:112 Resp: 858655
Ion Ratio Lower Upper
112 100
64 59.6 47.5 71.3
63 31.2 24.9 37.3

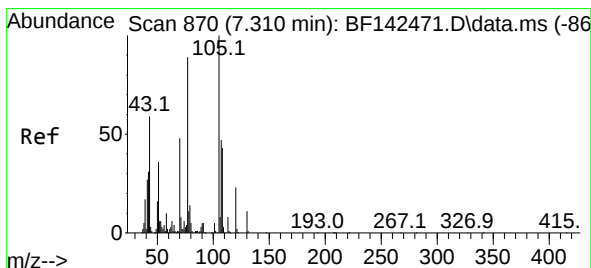
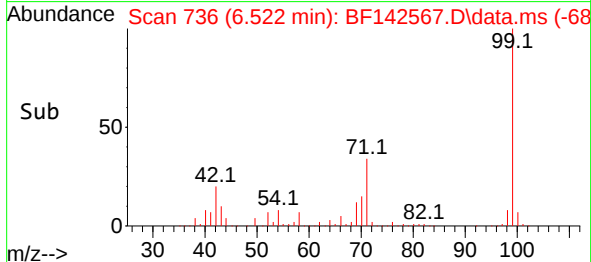
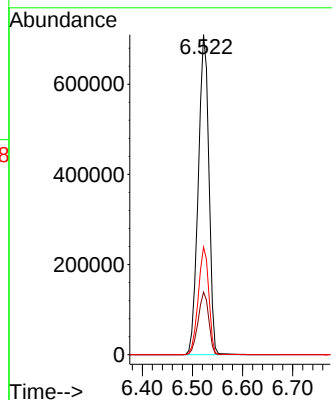
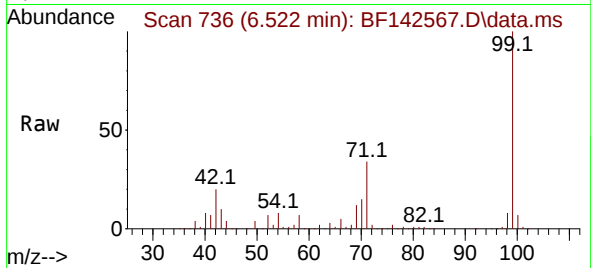




#7
Phenol-d6
Concen: 121.245 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142567.D
Acq: 30 May 2025 13:49

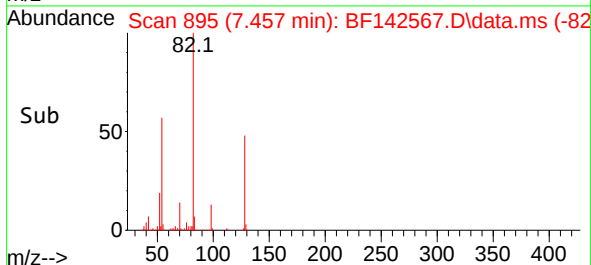
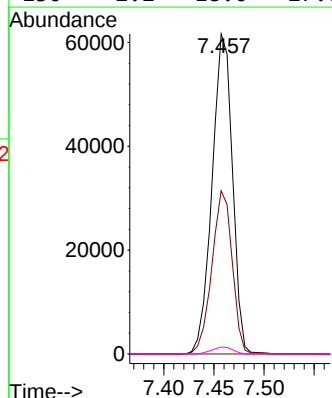
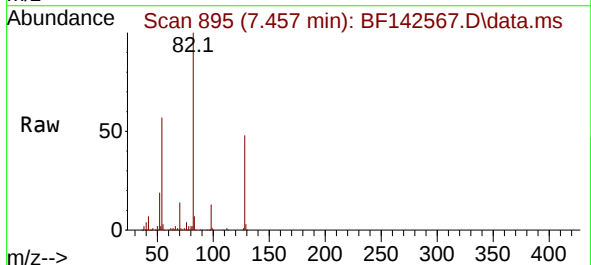
Instrument :
BNA_F
ClientSampleId :
PB168211BL

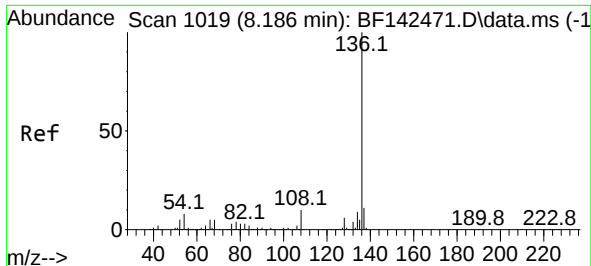
Tgt Ion: 99 Resp: 1042703
Ion Ratio Lower Upper
99 100
42 19.5 16.2 24.2
71 33.7 27.3 40.9



#19
n-Nitroso-di-n-propylamine
Concen: 16.348 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.130 min
Lab File: BF142567.D
Acq: 30 May 2025 13:49

Tgt Ion: 70 Resp: 87134
Ion Ratio Lower Upper
70 100
42 51.0 52.4 78.6#
101 0.0 7.8 11.8#
130 2.2 18.0 27.0#

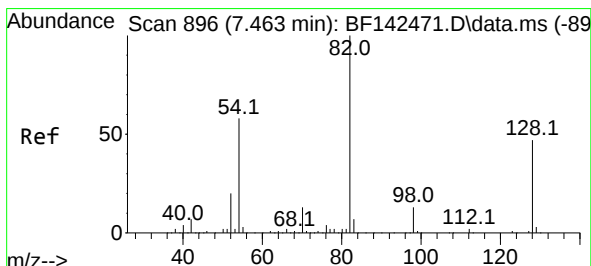
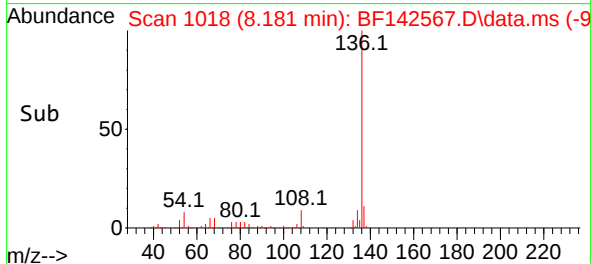
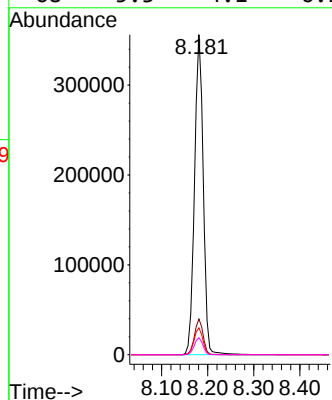
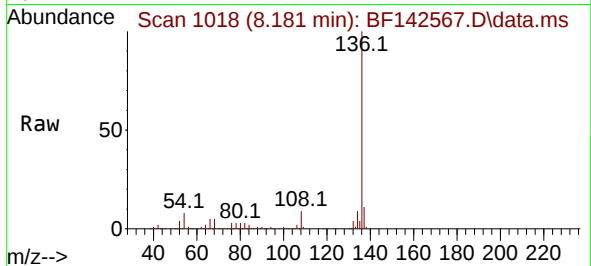




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142567.D
Acq: 30 May 2025 13:49

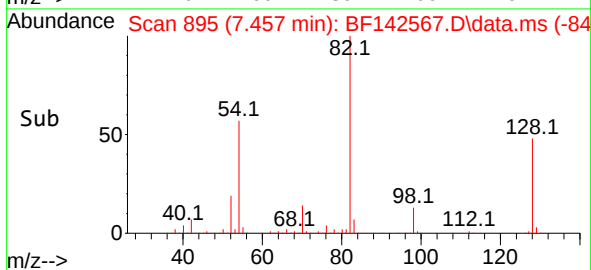
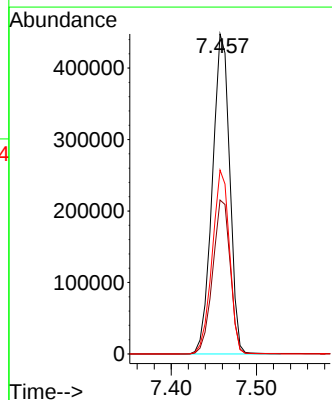
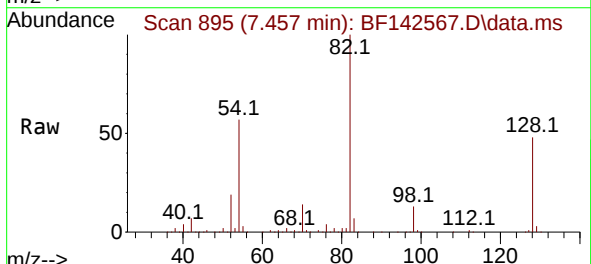
Instrument :
BNA_F
ClientSampleId :
PB168211BL

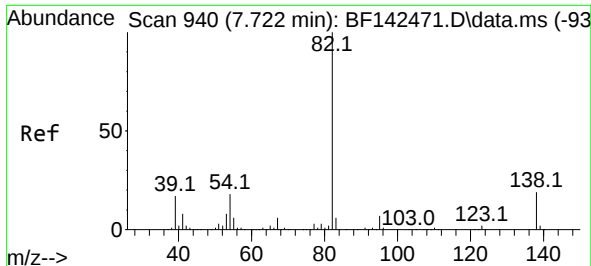
Tgt Ion:136 Resp: 465933
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.4 6.6 10.0
68 5.3 4.1 6.1



#23
Nitrobenzene-d5
Concen: 74.251 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.017 min
Lab File: BF142567.D
Acq: 30 May 2025 13:49

Tgt Ion: 82 Resp: 634450
Ion Ratio Lower Upper
82 100
128 48.1 37.4 56.2
54 57.4 46.6 70.0

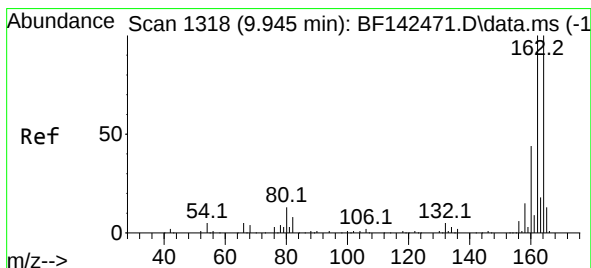
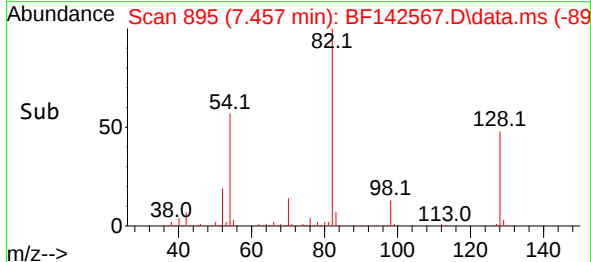
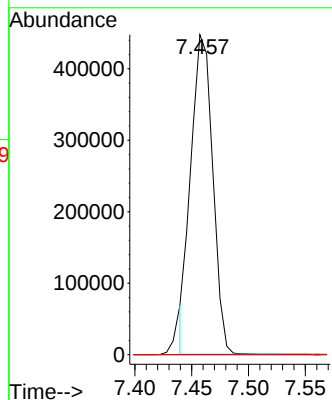
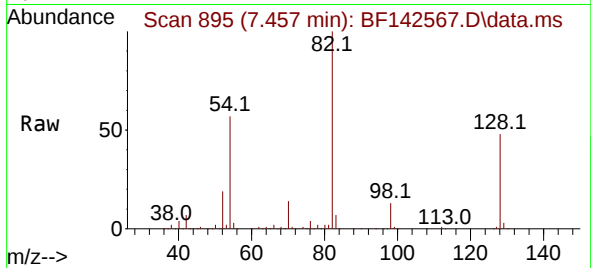




#25
Isophorone
Concen: 41.924 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF142567.D
Acq: 30 May 2025 13:49

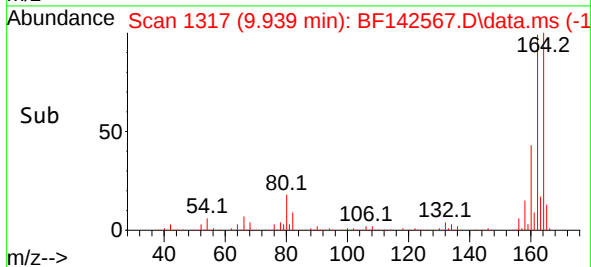
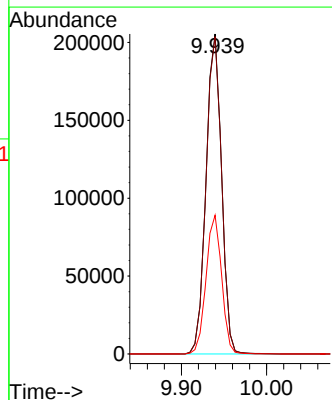
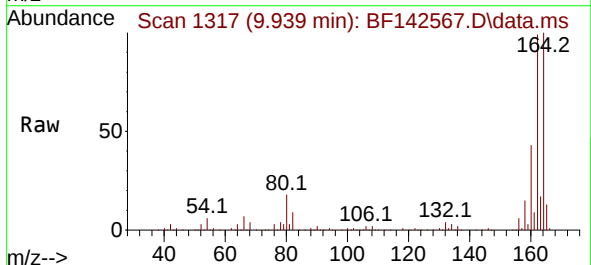
Instrument :
BNA_F
ClientSampleId :
PB168211BL

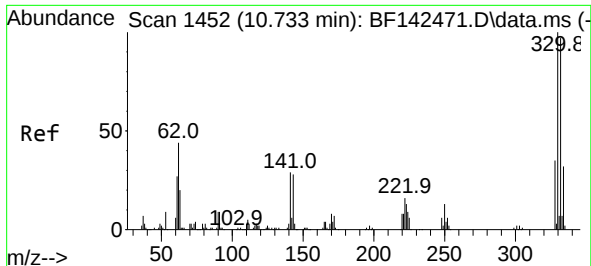
Tgt Ion: 82 Resp: 598940
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.5 23.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142567.D
Acq: 30 May 2025 13:49

Tgt Ion: 164 Resp: 259895
Ion Ratio Lower Upper
164 100
162 99.2 80.2 120.4
160 43.4 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 124.475 ng

RT: 10.733 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF142567.D

Acq: 30 May 2025 13:49

Instrument :

BNA_F

ClientSampleId :

PB168211BL

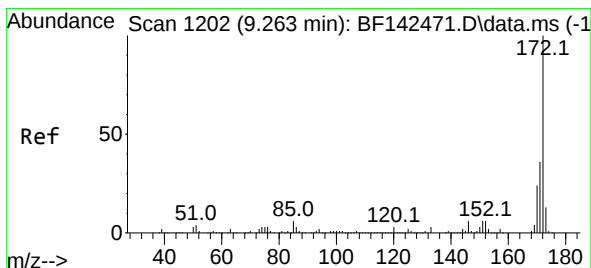
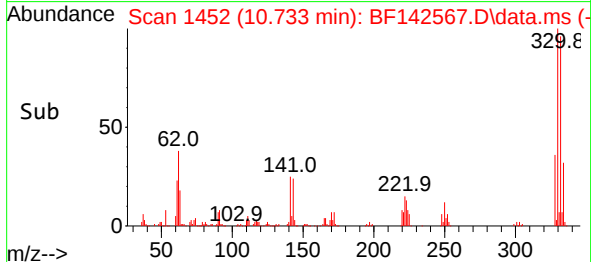
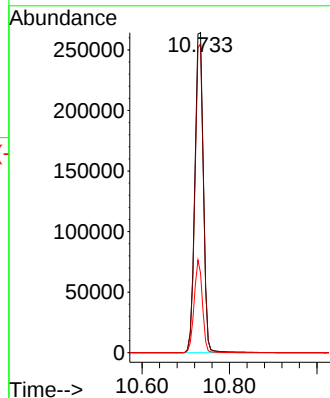
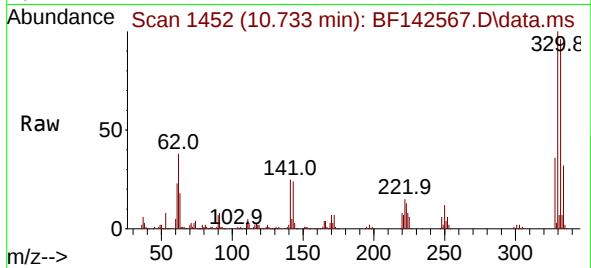
Tgt Ion:330 Resp: 359050

Ion Ratio Lower Upper

330 100

332 95.8 77.6 116.4

141 27.9 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 71.068 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF142567.D

Acq: 30 May 2025 13:49

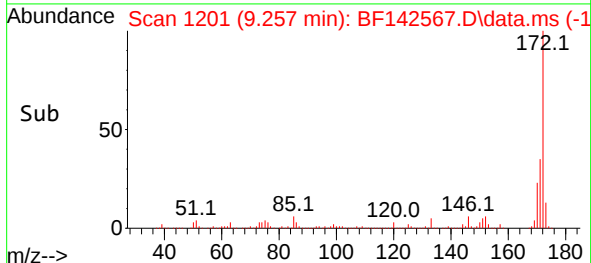
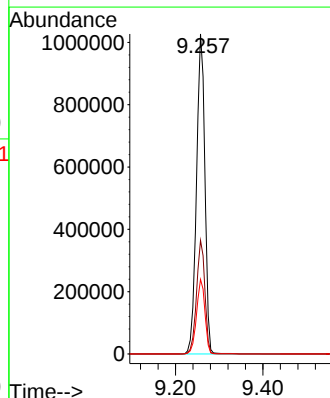
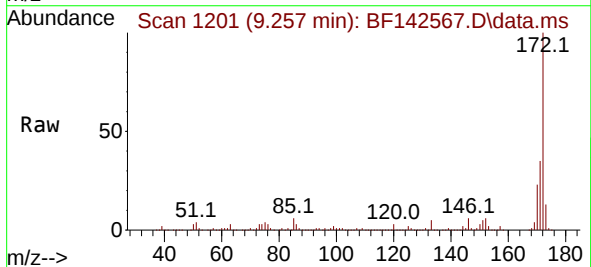
Tgt Ion:172 Resp: 1376467

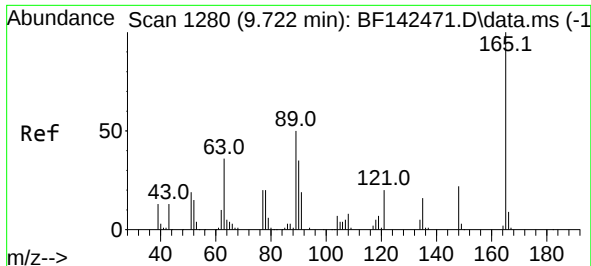
Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.3 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 9.112 ng

RT: 9.939 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF142567.D

Acq: 30 May 2025 13:49

Instrument :

BNA_F

ClientSampleId :

PB168211BL

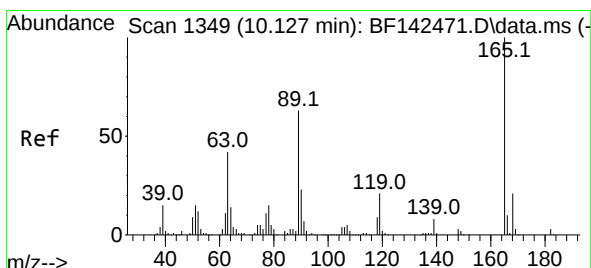
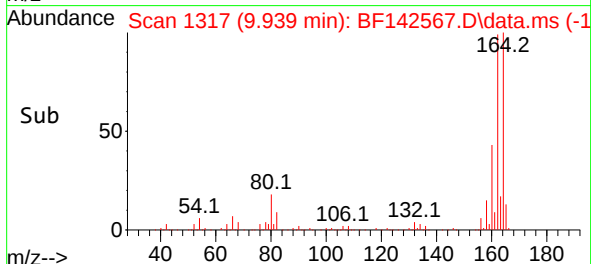
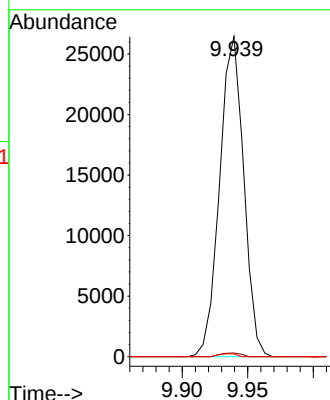
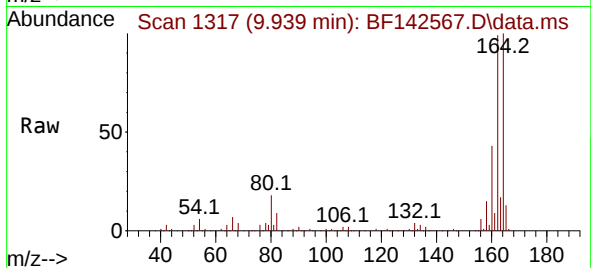
Tgt Ion:165 Resp: 33727

Ion Ratio Lower Upper

165 100

63 1.2 42.9 64.3#

89 0.9 40.2 60.4#



#57

2,4-Dinitrotoluene

Concen: 6.977 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.194 min

Lab File: BF142567.D

Acq: 30 May 2025 13:49

Tgt Ion:165 Resp: 33727

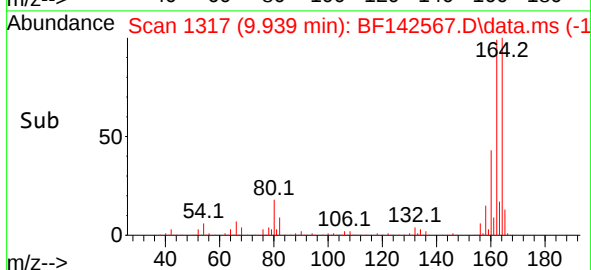
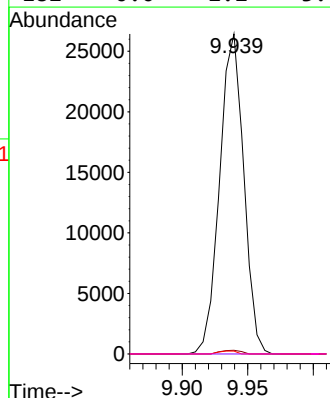
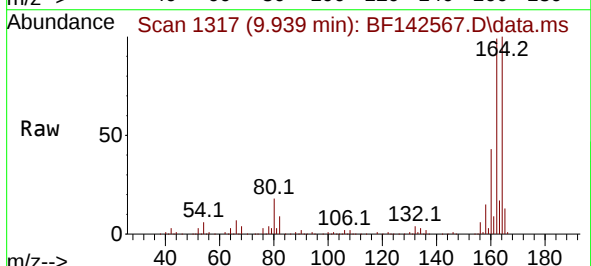
Ion Ratio Lower Upper

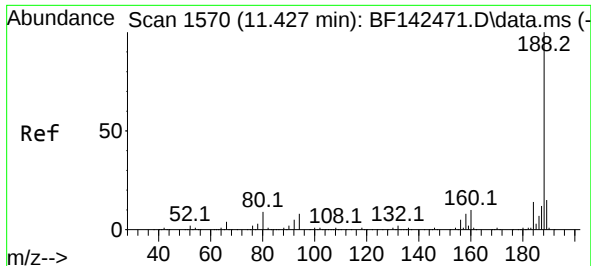
165 100

63 1.2 33.6 50.4#

89 0.9 50.2 75.4#

182 0.0 2.2 3.4#

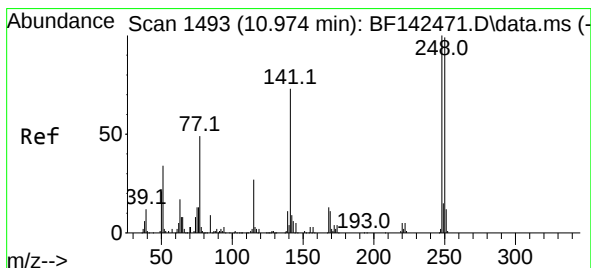
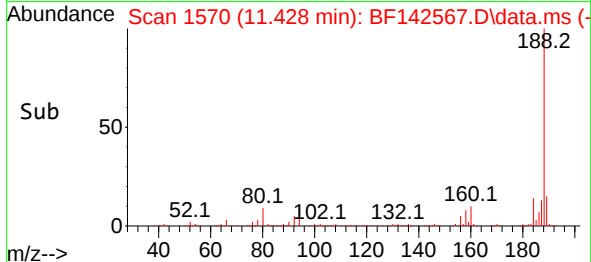
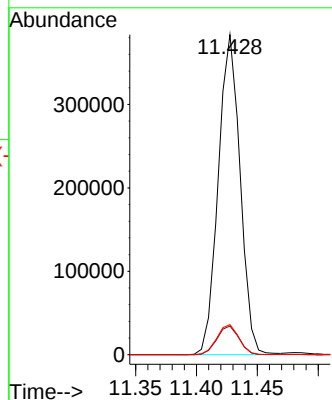
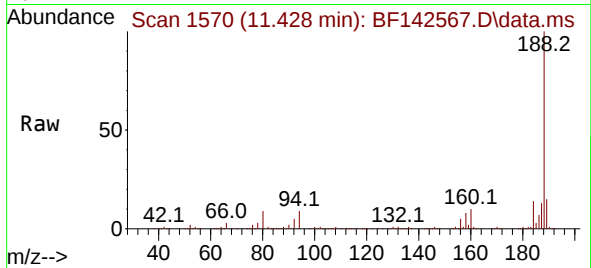




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142567.D
Acq: 30 May 2025 13:49

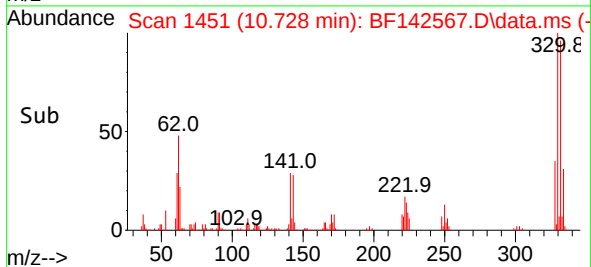
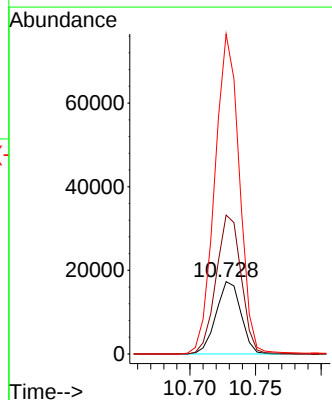
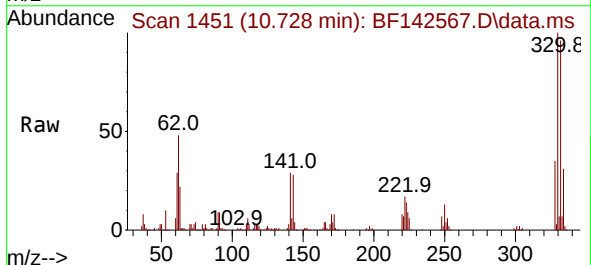
Instrument :
BNA_F
ClientSampleId :
PB168211BL

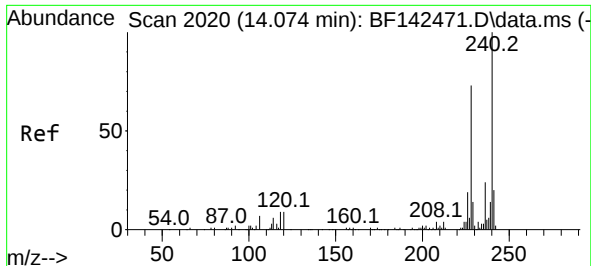
Tgt Ion:188 Resp: 480220
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 9.4 7.4 11.0



#67
4-Bromophenyl-phenylether
Concen: 4.021 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF142567.D
Acq: 30 May 2025 13:49

Tgt Ion:248 Resp: 22830
Ion Ratio Lower Upper
248 100
250 192.0 79.0 118.4#
141 442.1 58.4 87.6#

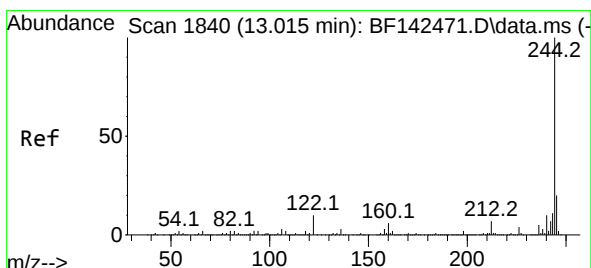
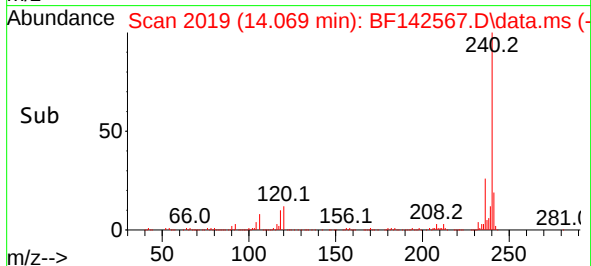
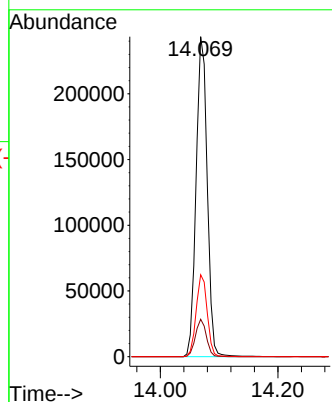
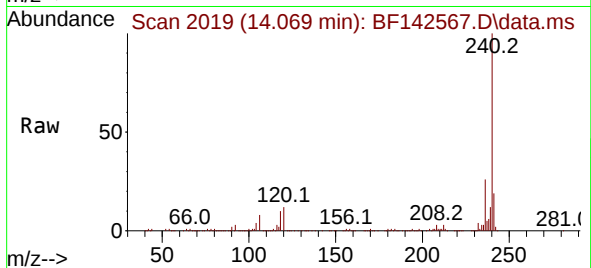




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142567.D
Acq: 30 May 2025 13:49

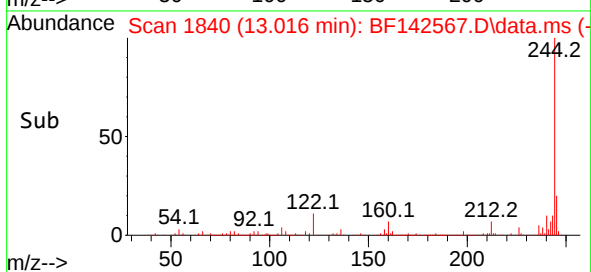
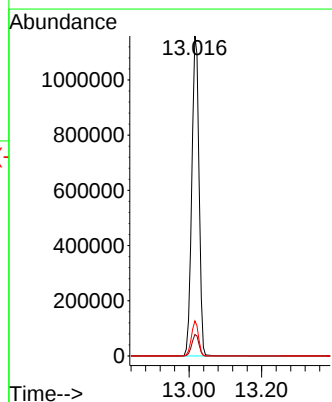
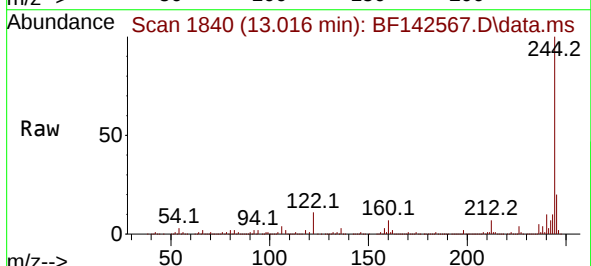
Instrument :
BNA_F
ClientSampleId :
PB168211BL

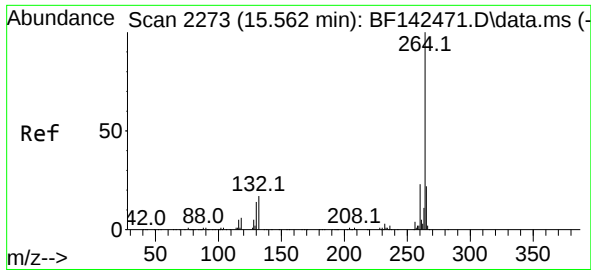
Tgt Ion:240 Resp: 319274
Ion Ratio Lower Upper
240 100
120 11.7 7.5 11.3#
236 25.6 19.6 29.4



#79
Terphenyl-d14
Concen: 68.403 ng
RT: 13.016 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BF142567.D
Acq: 30 May 2025 13:49

Tgt Ion:244 Resp: 1598136
Ion Ratio Lower Upper
244 100
212 6.7 5.3 7.9
122 10.9 8.2 12.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142567.D

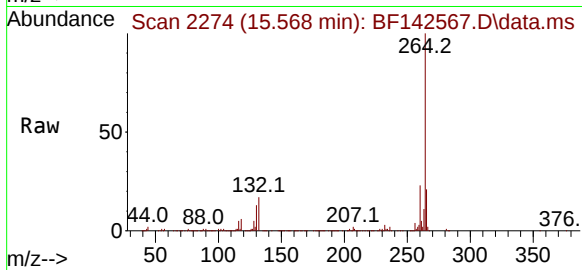
Acq: 30 May 2025 13:49

Instrument :

BNA_F

ClientSampleId :

PB168211BL



Tgt Ion:264 Resp: 249124

Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 21.5 17.7 26.5

