

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
 Data File : BF143751.D
 Acq On : 15 Sep 2025 14:18
 Operator : RC/JU
 Sample : PB169640TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169640TB

Quant Time: Sep 15 14:40:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

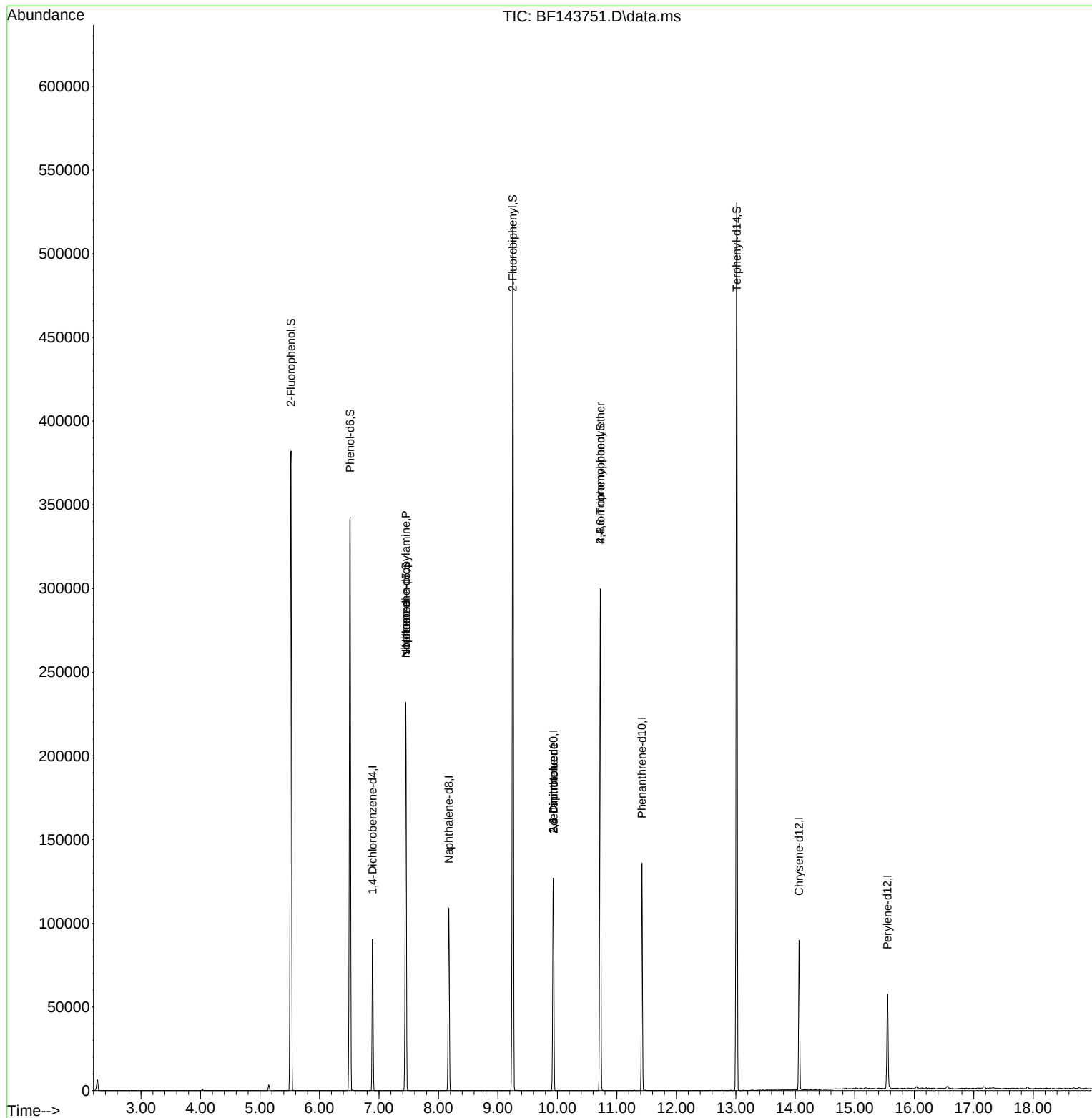
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	20428	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	76331	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	42625	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	72152	20.000	ng	0.01
76) Chrysene-d12	14.063	240	46589	20.000	ng	0.02
86) Perylene-d12	15.551	264	34989	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	164552	137.434	ng	0.02
7) Phenol-d6	6.516	99	194949	133.723	ng	0.01
23) Nitrobenzene-d5	7.451	82	112658	91.803	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	56536	131.612	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	258911	91.757	ng	0.00
79) Terphenyl-d14	13.016	244	279839	97.337	ng	0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	14505	16.200	ng	# 78
25) Isophorone	7.451	82	112354	47.746	ng	# 64
51) 2,6-Dinitrotoluene	9.933	165	5463	10.303	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	5463	7.570	ng	# 27
67) 4-Bromophenyl-phenylether	10.722	248	3702	4.255	ng	# 1

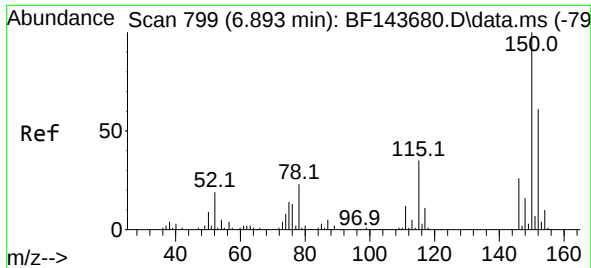
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
Data File : BF143751.D
Acq On : 15 Sep 2025 14:18
Operator : RC/JU
Sample : PB169640TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169640TB

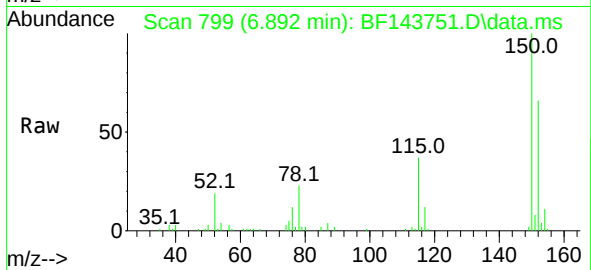
Quant Time: Sep 15 14:40:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration



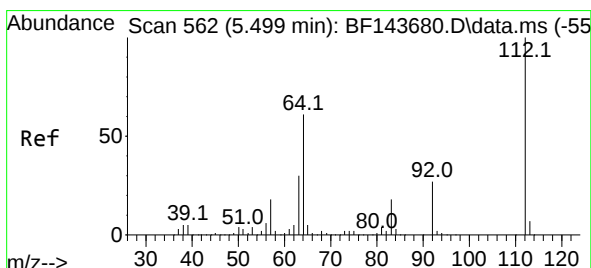
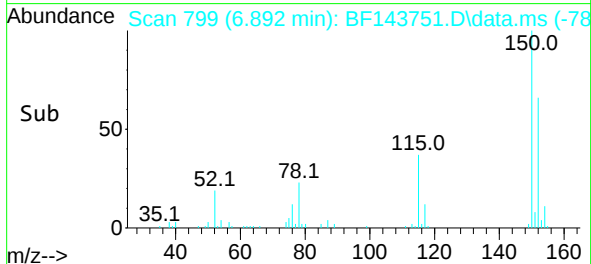
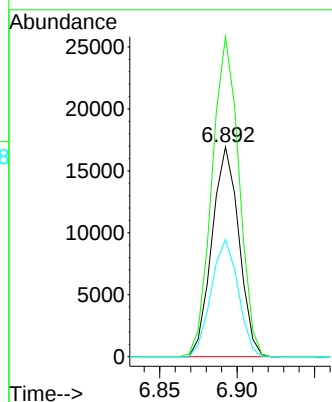


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF143751.D
Acq: 15 Sep 2025 14:18

Instrument :
BNA_F
ClientSampleId :
PB169640TB

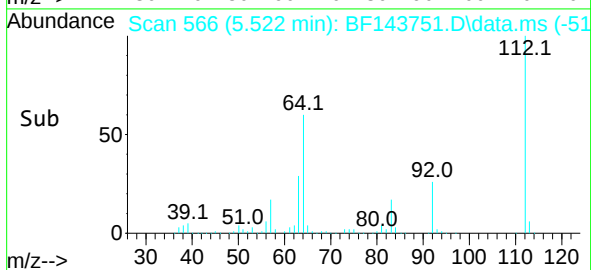
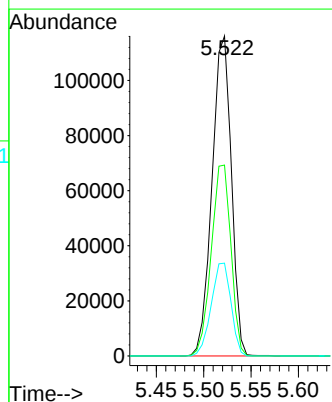
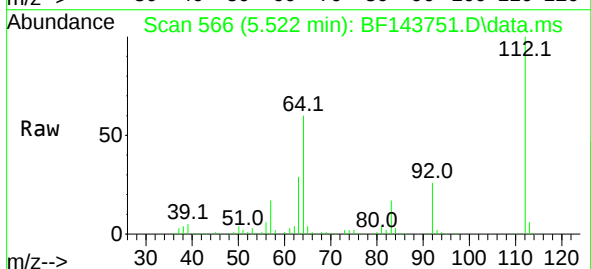


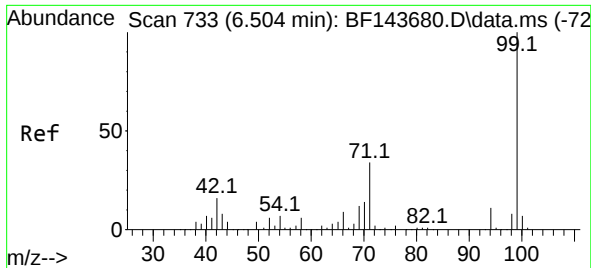
Tgt Ion:152 Resp: 20428
Ion Ratio Lower Upper
152 100
150 152.6 130.7 196.1
115 55.9 45.9 68.9



#5
2-Fluorophenol
Concen: 137.434 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.023 min
Lab File: BF143751.D
Acq: 15 Sep 2025 14:18

Tgt Ion:112 Resp: 164552
Ion Ratio Lower Upper
112 100
64 59.6 49.0 73.4
63 29.0 24.3 36.5

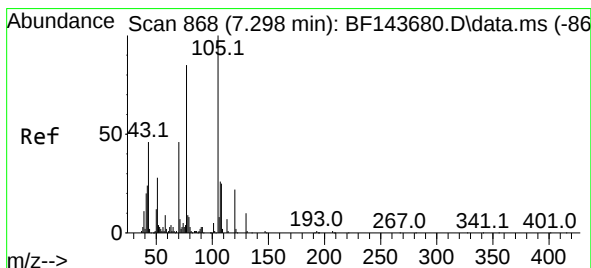
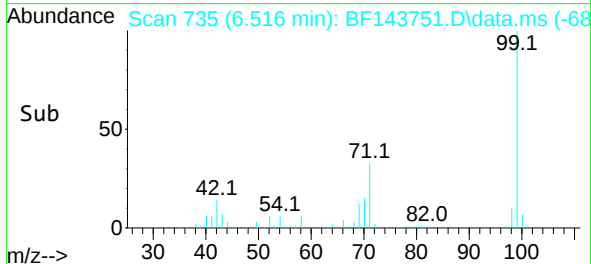
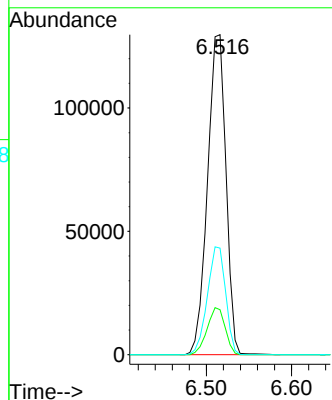
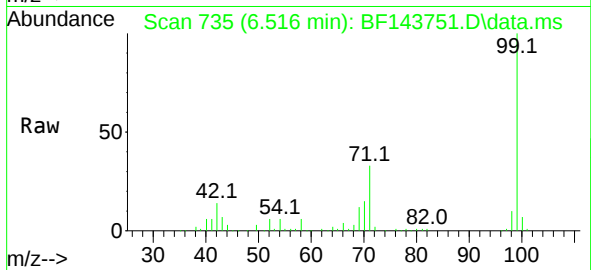




#7
Phenol-d6
Concen: 133.723 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF143751.D
Acq: 15 Sep 2025 14:18

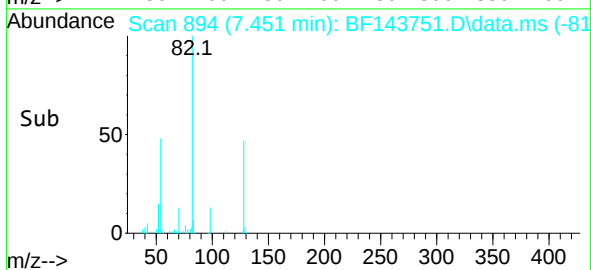
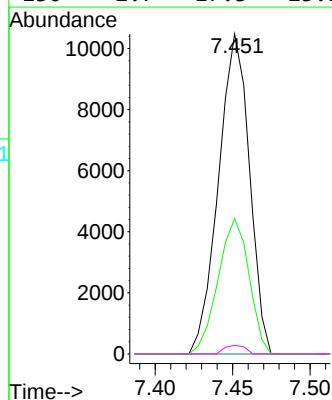
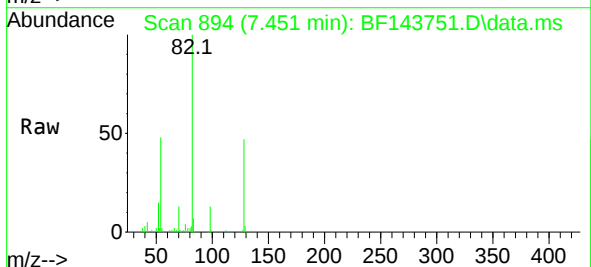
Instrument :
BNA_F
ClientSampleId :
PB169640TB

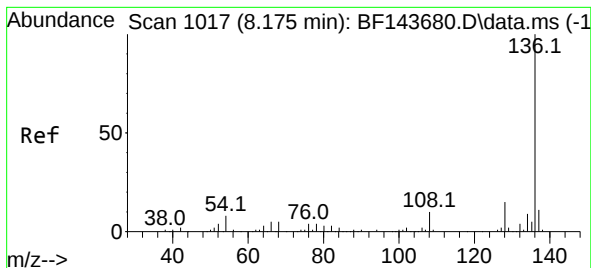
Tgt Ion: 99 Resp: 194949
Ion Ratio Lower Upper
99 100
42 14.1 13.0 19.4
71 33.3 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.200 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.153 min
Lab File: BF143751.D
Acq: 15 Sep 2025 14:18

Tgt Ion: 70 Resp: 14505
Ion Ratio Lower Upper
70 100
42 42.3 41.4 62.2
101 0.0 8.1 12.1#
130 2.7 17.3 25.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143751.D

Acq: 15 Sep 2025 14:18

Instrument :

BNA_F

ClientSampleId :

PB169640TB

Tgt Ion:136 Resp: 76331

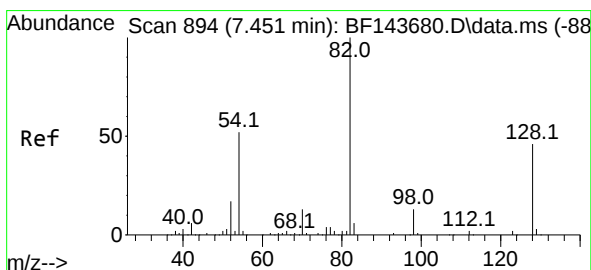
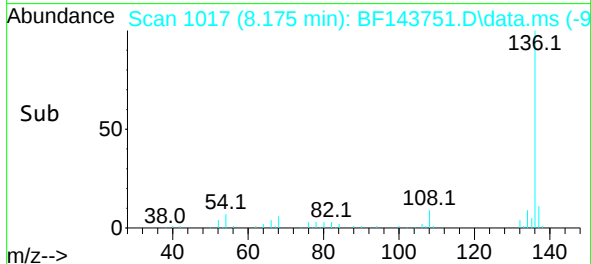
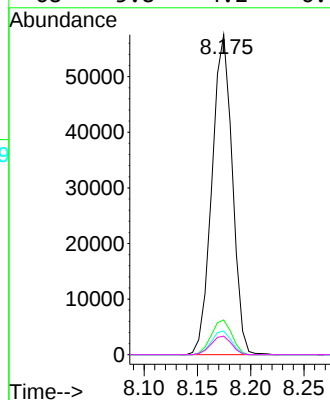
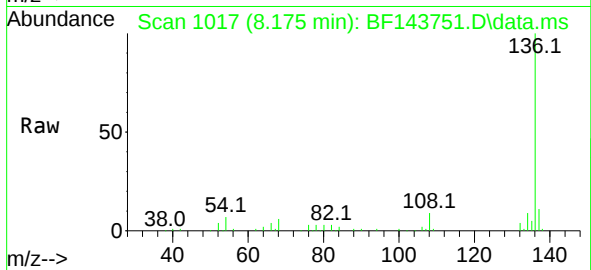
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.4 6.2 9.2

68 5.8 4.2 6.4



#23

Nitrobenzene-d5

Concen: 91.803 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF143751.D

Acq: 15 Sep 2025 14:18

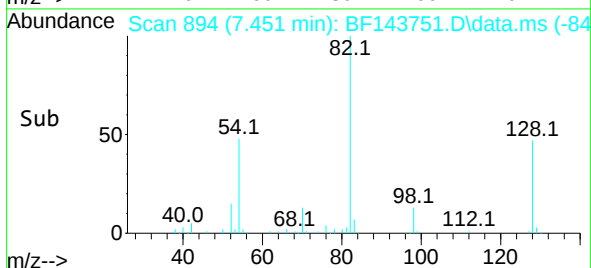
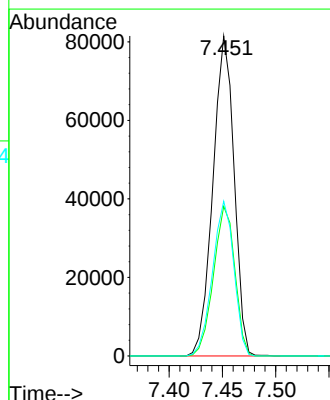
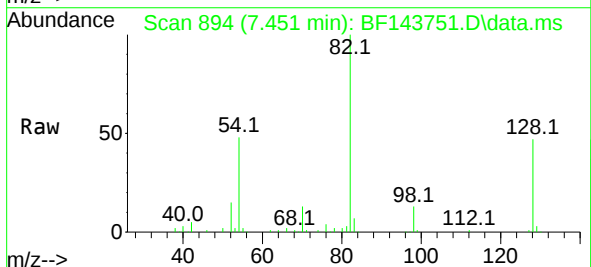
Tgt Ion: 82 Resp: 112658

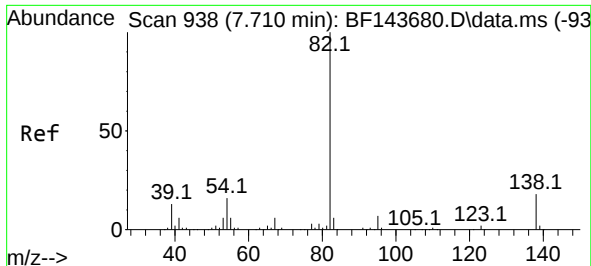
Ion Ratio Lower Upper

82 100

128 46.8 37.0 55.4

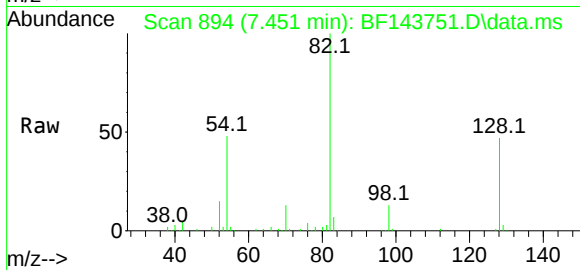
54 48.3 41.8 62.8



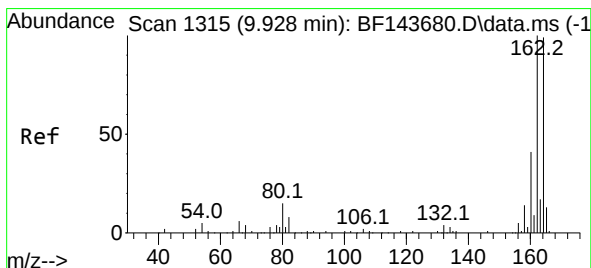
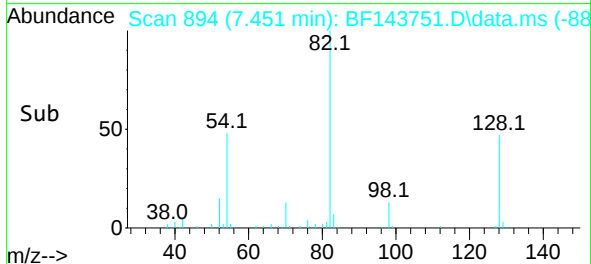
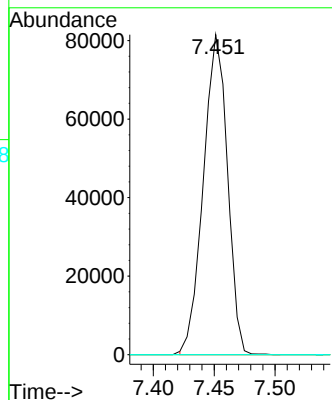


#25
Isophorone
Concen: 47.746 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.259 min
Lab File: BF143751.D
Acq: 15 Sep 2025 14:18

Instrument :
BNA_F
ClientSampleId :
PB169640TB

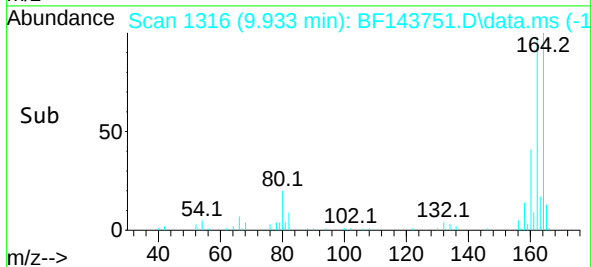
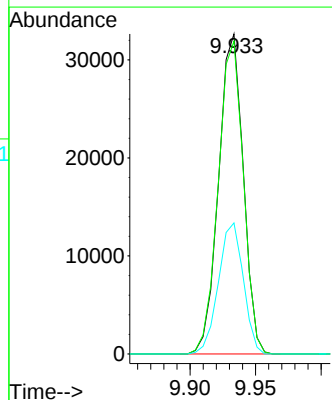
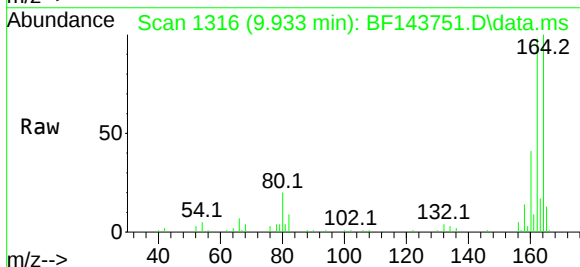


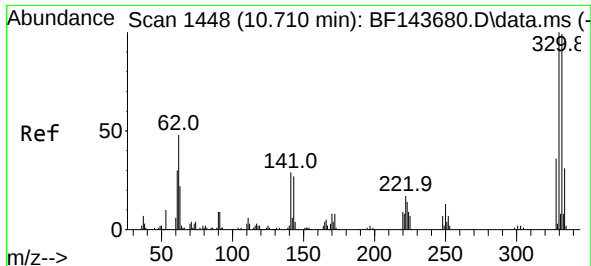
Tgt Ion: 82 Resp: 112354
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.8 22.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BF143751.D
Acq: 15 Sep 2025 14:18

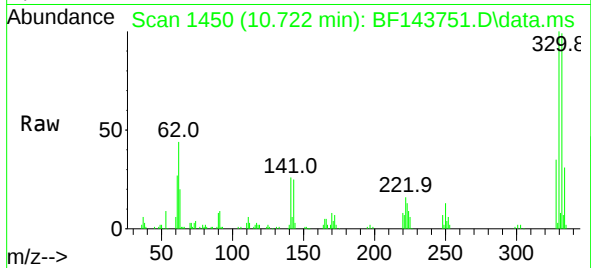
Tgt Ion: 164 Resp: 42625
Ion Ratio Lower Upper
164 100
162 97.8 80.6 121.0
160 41.0 33.0 49.4



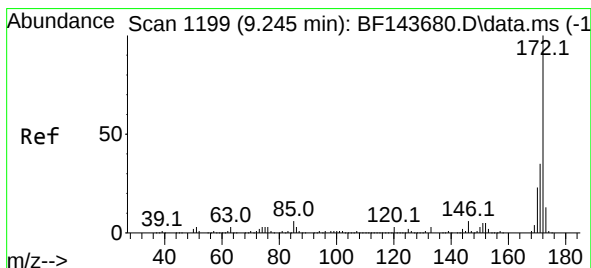
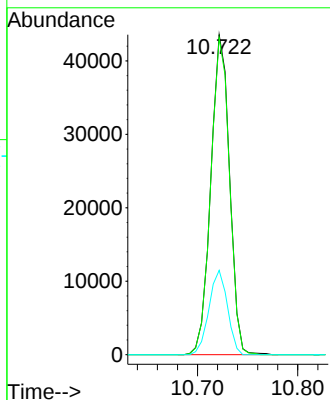
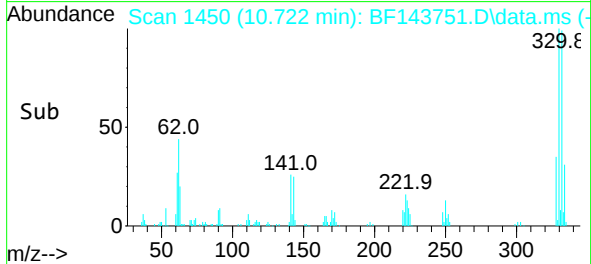


#42
2,4,6-Tribromophenol
Concen: 131.612 ng
RT: 10.722 min Scan# 1448
Delta R.T. 0.012 min
Lab File: BF143751.D
Acq: 15 Sep 2025 14:18

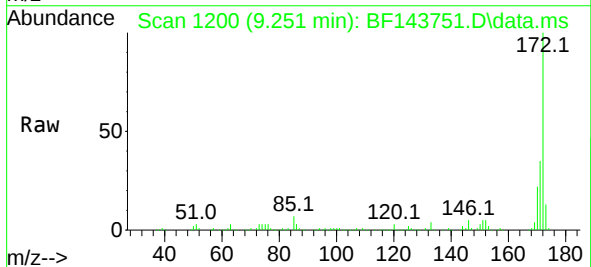
Instrument :
BNA_F
ClientSampleId :
PB169640TB



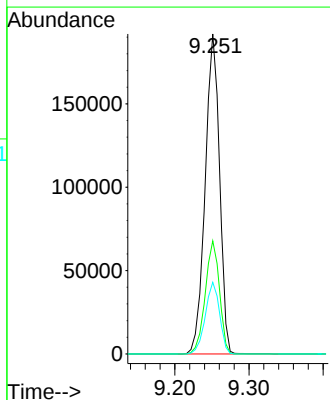
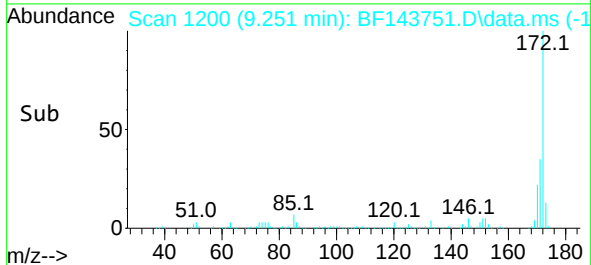
Tgt Ion:330 Resp: 56536
Ion Ratio Lower Upper
330 100
332 98.8 79.2 118.8
141 26.0 22.2 33.4

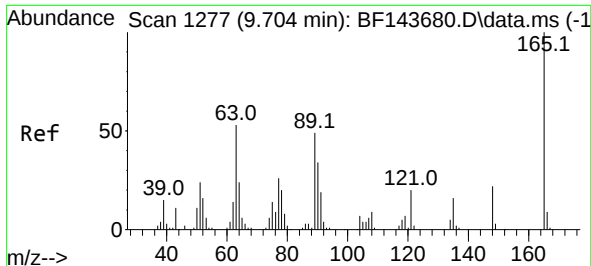


#45
2-Fluorobiphenyl
Concen: 91.757 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF143751.D
Acq: 15 Sep 2025 14:18



Tgt Ion:172 Resp: 258911
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 22.4 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 10.303 ng

RT: 9.933 min Scan# 11

Delta R.T. 0.229 min

Lab File: BF143751.D

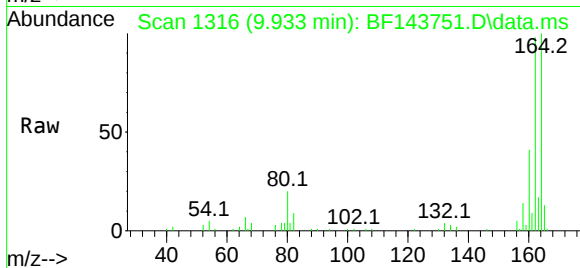
Acq: 15 Sep 2025 14:18

Instrument :

BNA_F

ClientSampleId :

PB169640TB



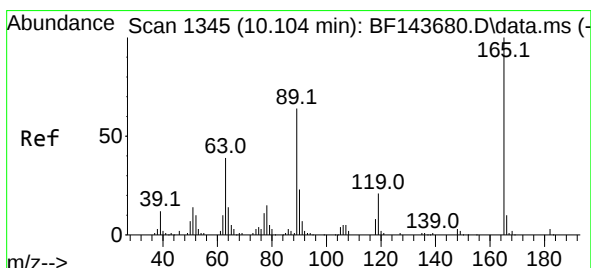
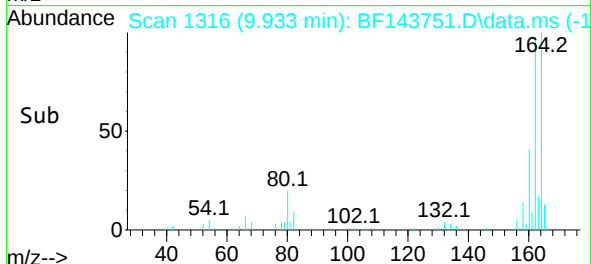
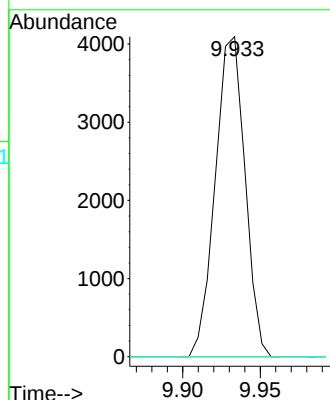
Tgt Ion:165 Resp: 5463

Ion Ratio Lower Upper

165 100

63 0.0 42.2 63.4#

89 0.0 39.3 58.9#



#57

2,4-Dinitrotoluene

Concen: 7.570 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.171 min

Lab File: BF143751.D

Acq: 15 Sep 2025 14:18

Tgt Ion:165 Resp: 5463

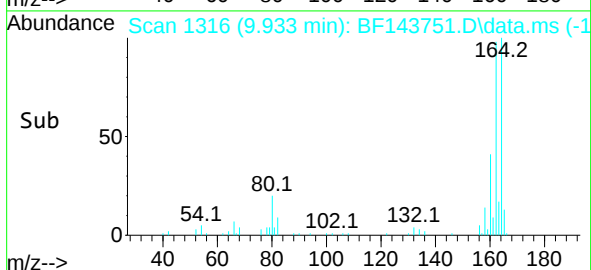
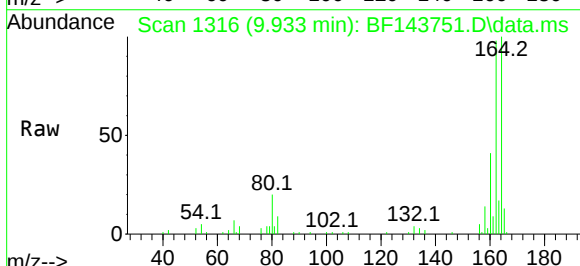
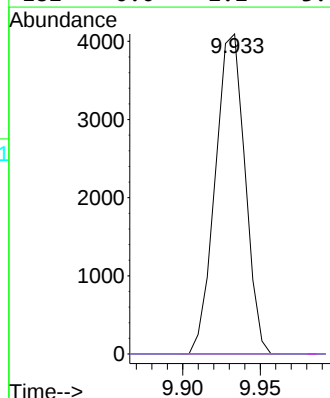
Ion Ratio Lower Upper

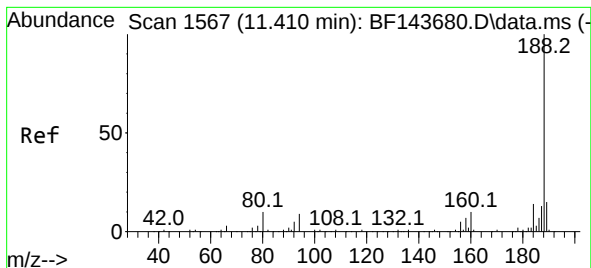
165 100

63 0.0 31.5 47.3#

89 0.0 51.3 76.9#

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: BF143751.D

Acq: 15 Sep 2025 14:18

Instrument :

BNA_F

ClientSampleId :

PB169640TB

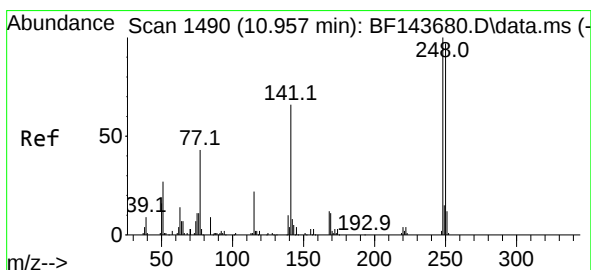
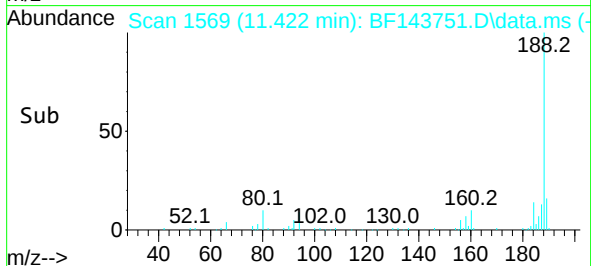
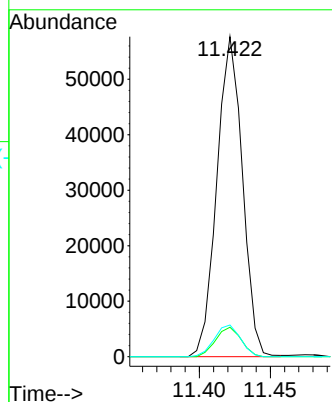
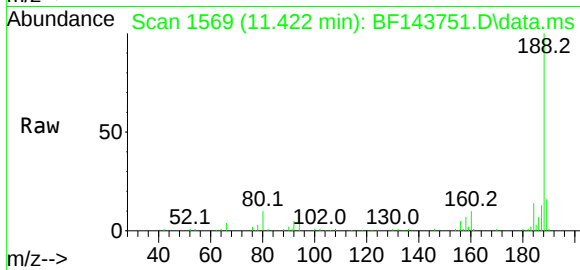
Tgt Ion:188 Resp: 72152

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.0

80 9.9 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 4.255 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.235 min

Lab File: BF143751.D

Acq: 15 Sep 2025 14:18

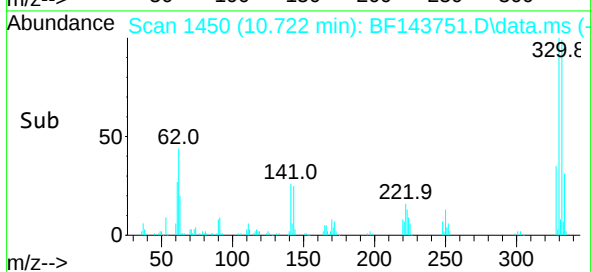
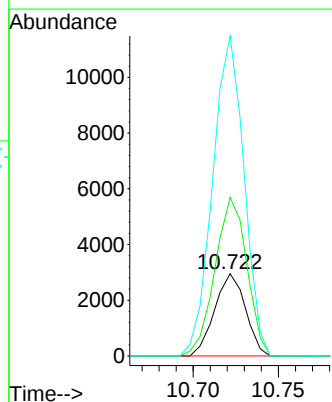
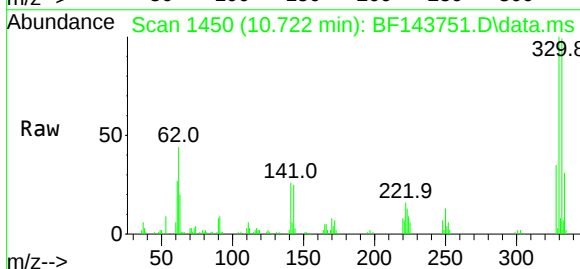
Tgt Ion:248 Resp: 3702

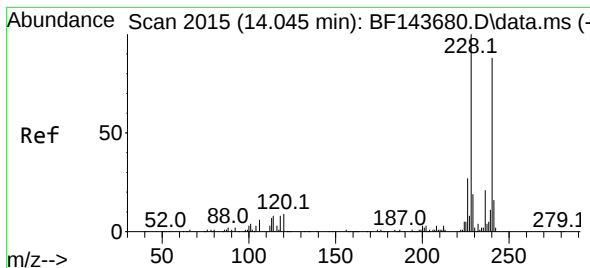
Ion Ratio Lower Upper

248 100

250 192.8 77.5 116.3#

141 389.4 52.6 79.0#

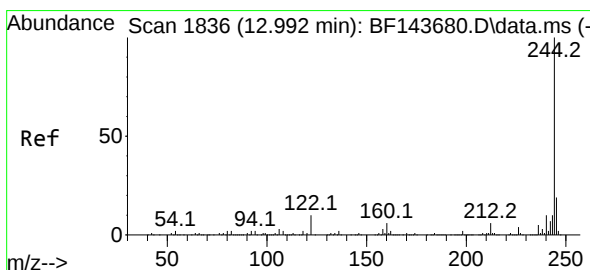
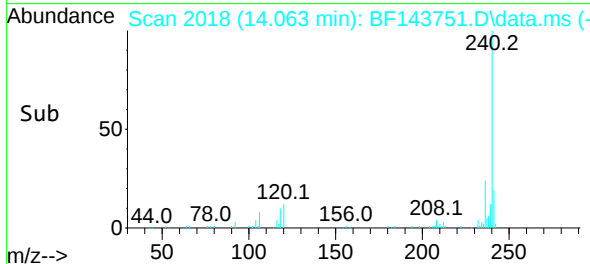
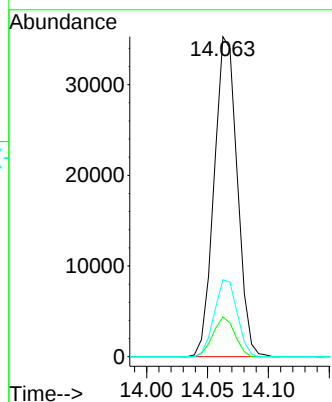
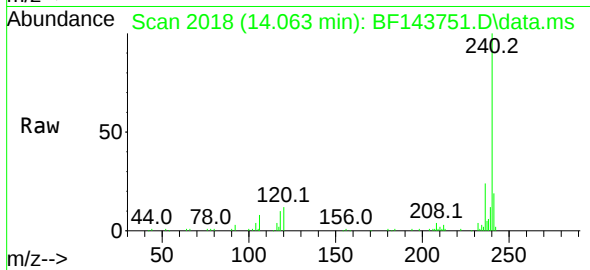




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. 0.017 min
Lab File: BF143751.D
Acq: 15 Sep 2025 14:18

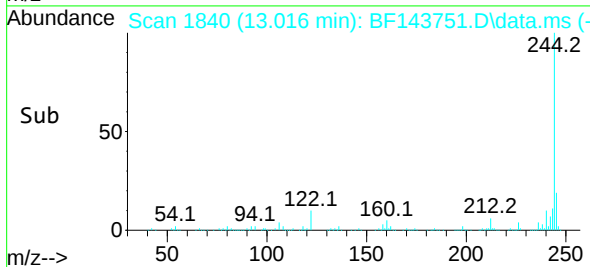
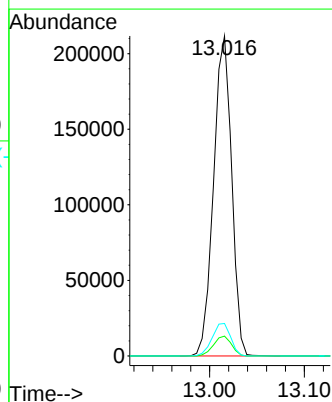
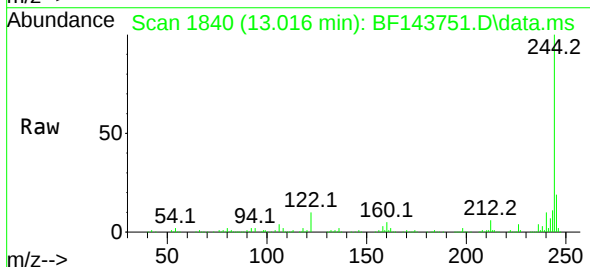
Instrument :
BNA_F
ClientSampleId :
PB169640TB

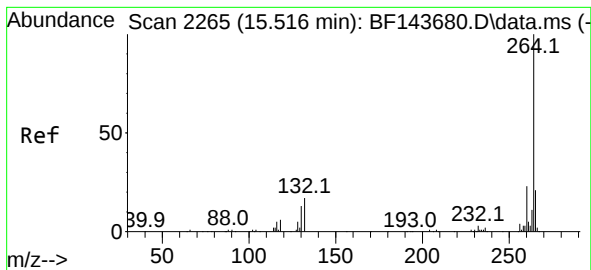
Tgt Ion:240 Resp: 46589
Ion Ratio Lower Upper
240 100
120 12.4 8.4 12.6
236 24.0 18.6 28.0



#79
Terphenyl-d14
Concen: 97.337 ng
RT: 13.016 min Scan# 1840
Delta R.T. 0.023 min
Lab File: BF143751.D
Acq: 15 Sep 2025 14:18

Tgt Ion:244 Resp: 279839
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.6
122 10.1 7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF143751.D

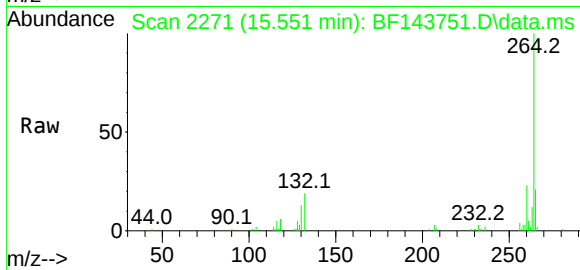
Acq: 15 Sep 2025 14:18

Instrument :

BNA_F

ClientSampleId :

PB169640TB



Tgt Ion:264 Resp: 34989

Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

265 21.2 17.1 25.7

