

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
 Data File : BF143749.D
 Acq On : 15 Sep 2025 13:20
 Operator : RC/JU
 Sample : PB169679BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169679BL

Quant Time: Sep 15 13:41:55 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)

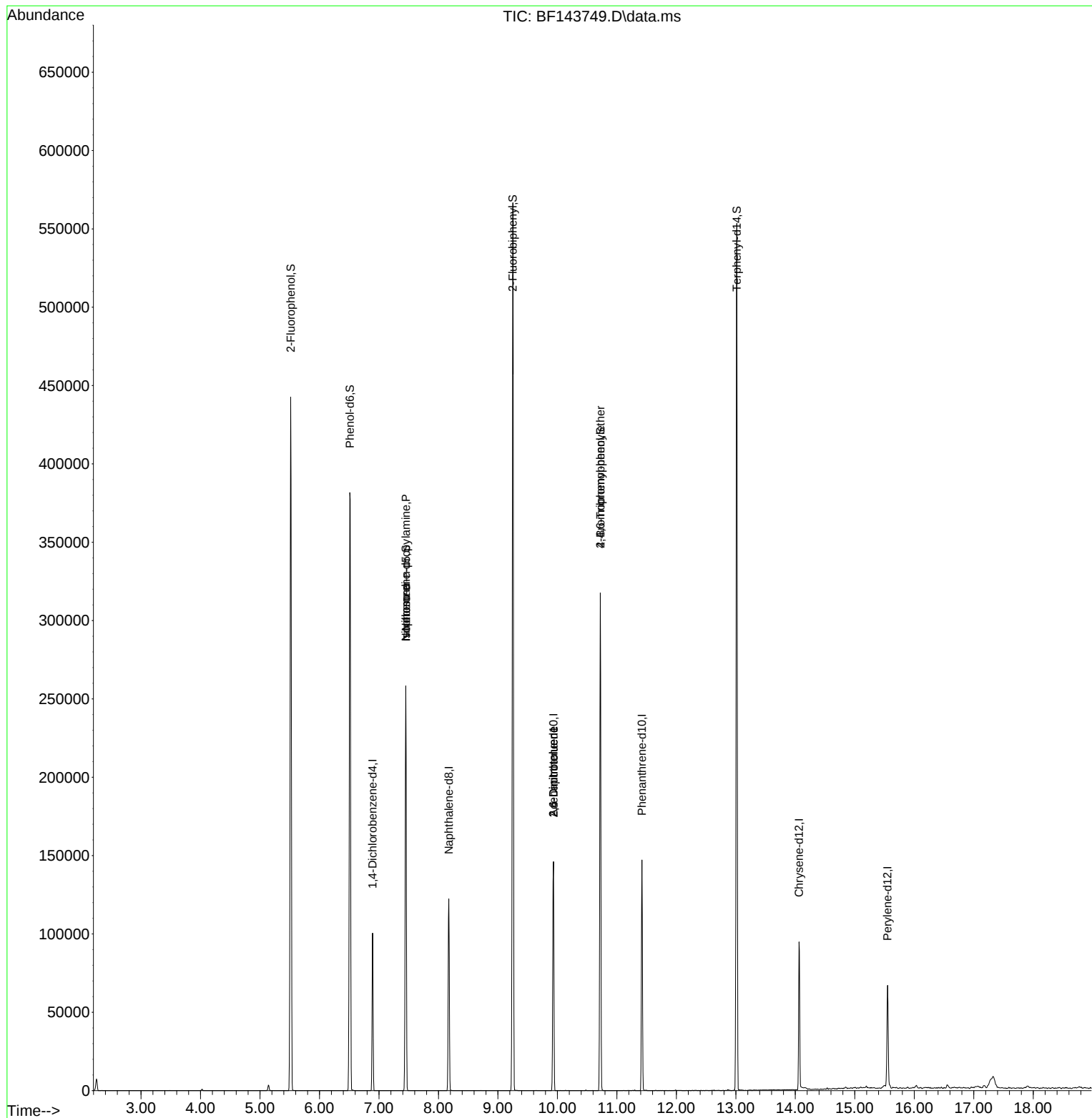
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	22112	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	83498	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	47255	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	78152	20.000	ng	0.01
76) Chrysene-d12	14.063	240	48079	20.000	ng	0.02
86) Perylene-d12	15.551	264	39737	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	183996	141.970	ng	0.02
7) Phenol-d6	6.510	99	214705	136.058	ng	0.00
23) Nitrobenzene-d5	7.451	82	122251	91.069	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	59239	124.393	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	279408	89.319	ng	0.00
79) Terphenyl-d14	13.016	244	287616	96.942	ng	0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	16218	16.734	ng	# 76
25) Isophorone	7.451	82	121955	47.378	ng	# 64
51) 2,6-Dinitrotoluene	9.933	165	6248	10.629	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	6248	7.809	ng	# 27
67) 4-Bromophenyl-phenylether	10.722	248	3982	4.225	ng	# 1

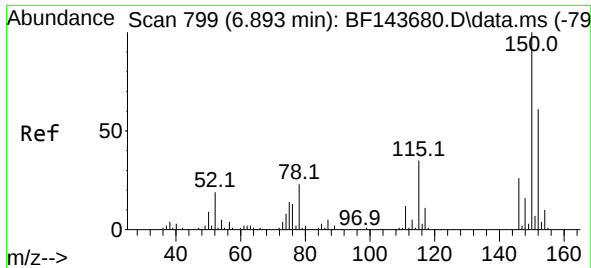
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
Data File : BF143749.D
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Operator : RC/JU
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
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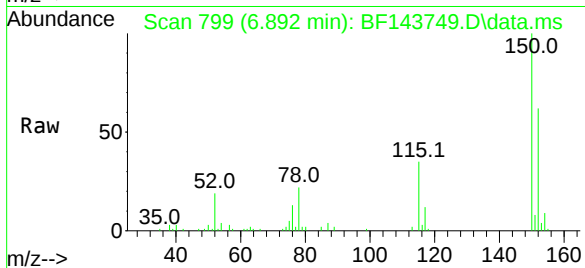
Quant Time: Sep 15 13:41:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration



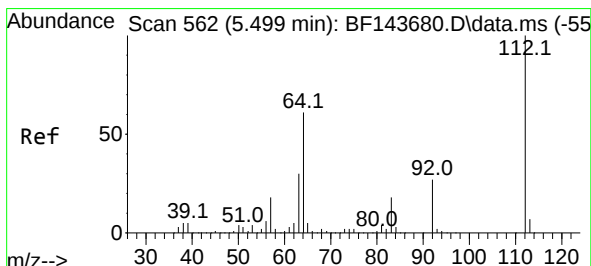
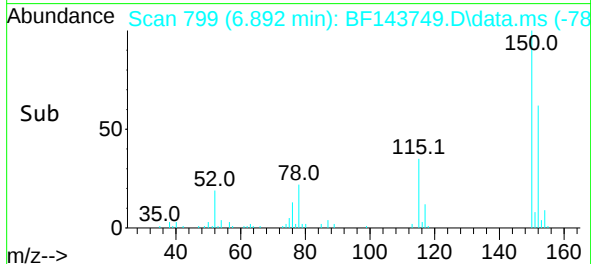
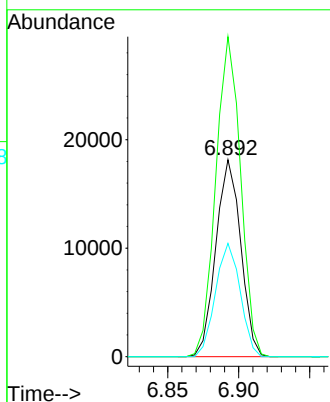


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF143749.D
Acq: 15 Sep 2025 13:20

Instrument :
BNA_F
ClientSampleId :
PB169679BL

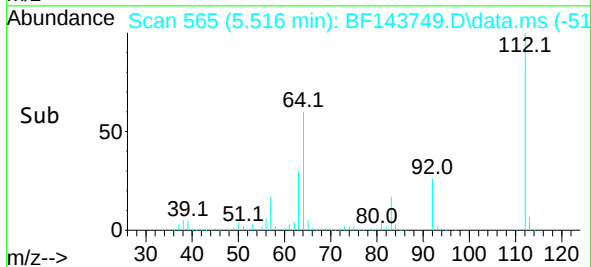
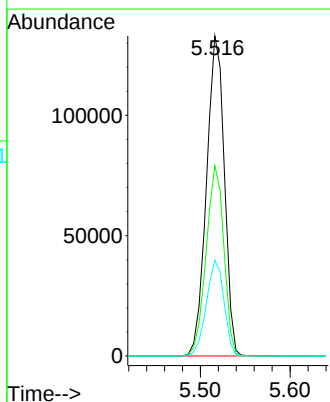
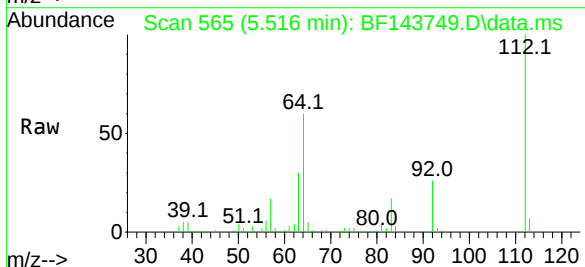


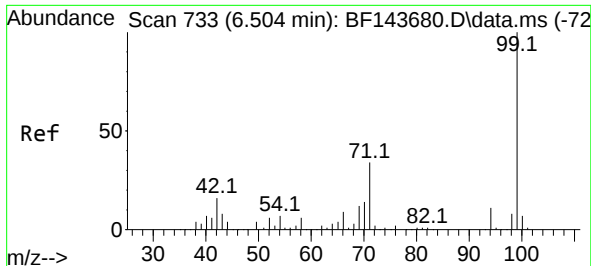
Tgt Ion:152 Resp: 22112
Ion Ratio Lower Upper
152 100
150 162.5 130.7 196.1
115 57.6 45.9 68.9



#5
2-Fluorophenol
Concen: 141.970 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.017 min
Lab File: BF143749.D
Acq: 15 Sep 2025 13:20

Tgt Ion:112 Resp: 183996
Ion Ratio Lower Upper
112 100
64 59.5 49.0 73.4
63 29.9 24.3 36.5

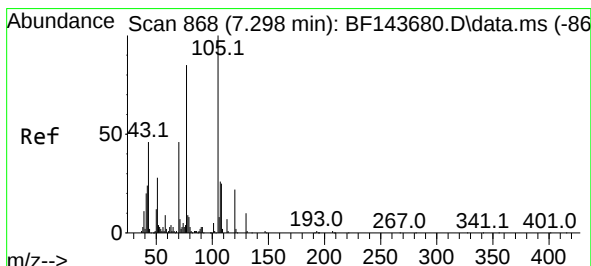
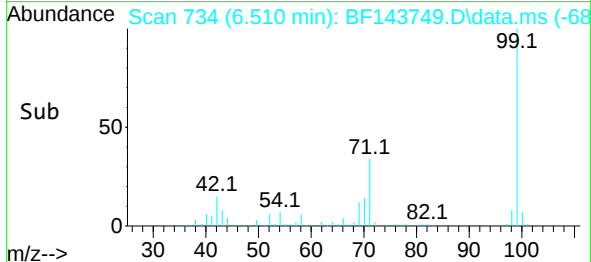
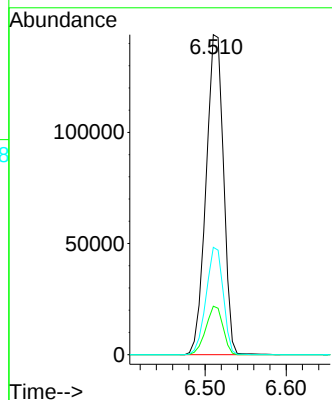
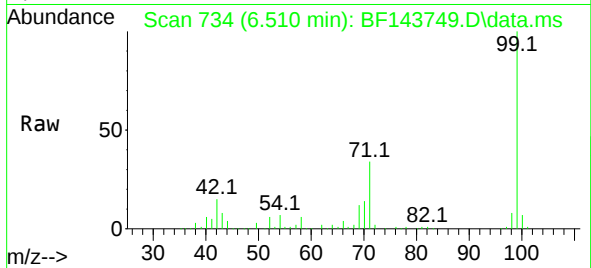




#7
Phenol-d6
Concen: 136.058 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF143749.D
Acq: 15 Sep 2025 13:20

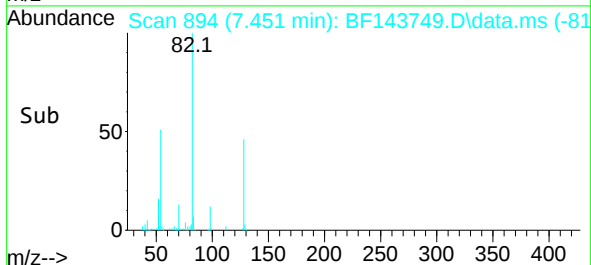
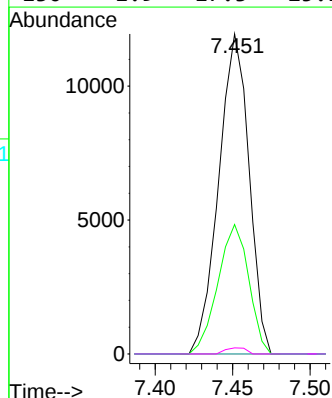
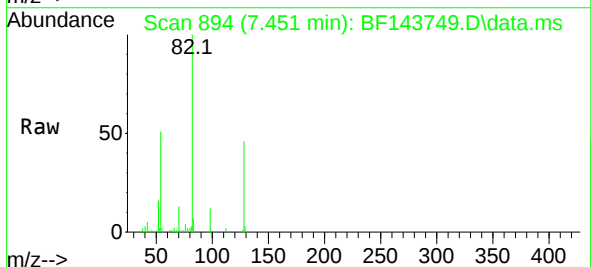
Instrument :
BNA_F
ClientSampleId :
PB169679BL

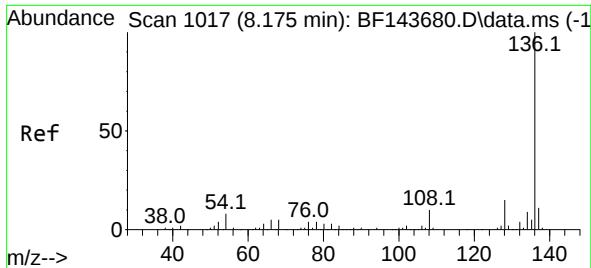
Tgt Ion: 99 Resp: 214705
Ion Ratio Lower Upper
99 100
42 15.2 13.0 19.4
71 33.6 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.734 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.153 min
Lab File: BF143749.D
Acq: 15 Sep 2025 13:20

Tgt Ion: 70 Resp: 16218
Ion Ratio Lower Upper
70 100
42 40.4 41.4 62.2#
101 0.0 8.1 12.1#
130 1.9 17.3 25.9#





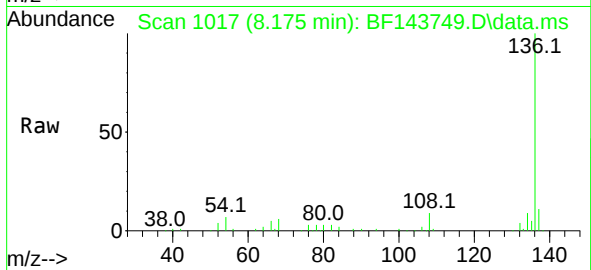
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143749.D
Acq: 15 Sep 2025 13:20

Instrument :

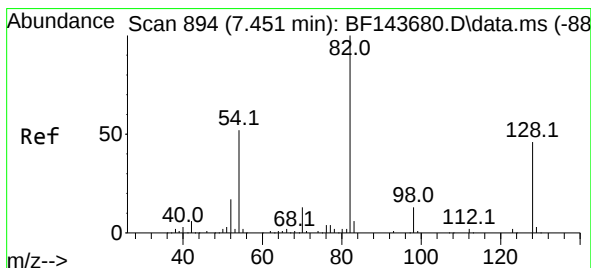
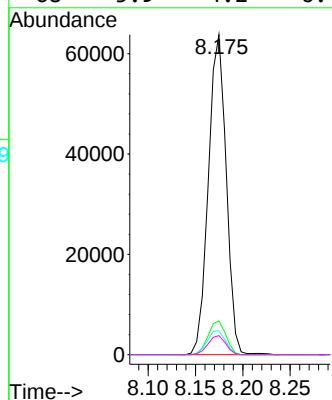
BNA_F

ClientSampleId :

PB169679BL

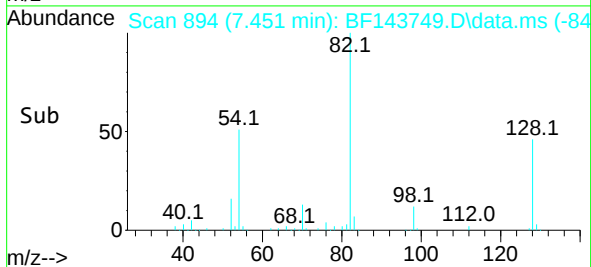
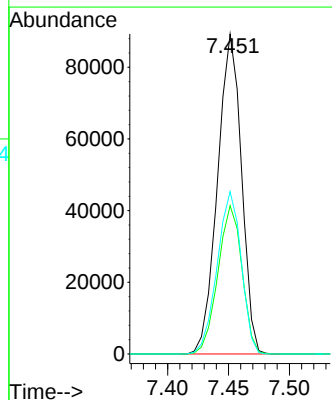
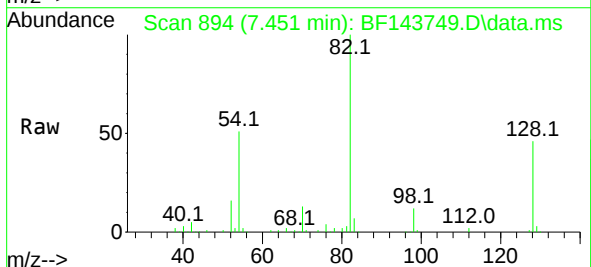


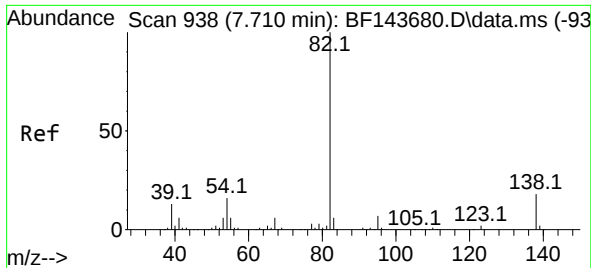
Tgt Ion:	136	Resp:	83498
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.7	13.1
54	7.5	6.2	9.2
68	5.9	4.2	6.4



#23
Nitrobenzene-d5
Concen: 91.069 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF143749.D
Acq: 15 Sep 2025 13:20

Tgt Ion:	82	Resp:	122251
Ion Ratio	Lower	Upper	
82	100		
128	46.4	37.0	55.4
54	50.7	41.8	62.8

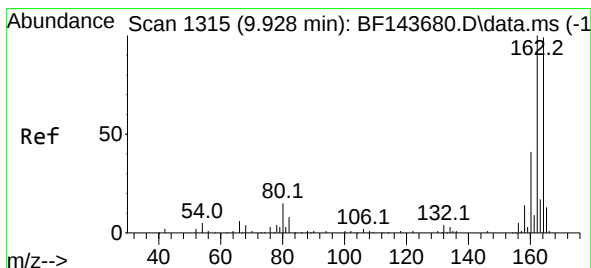
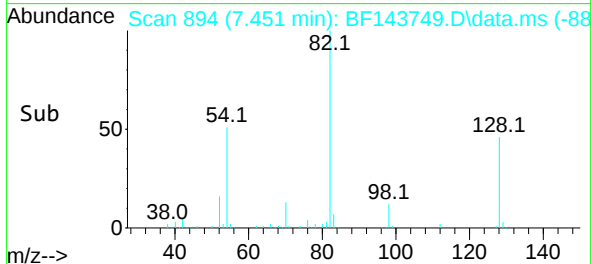
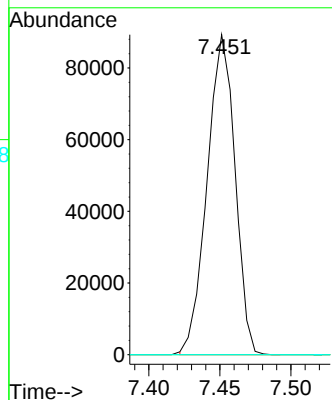
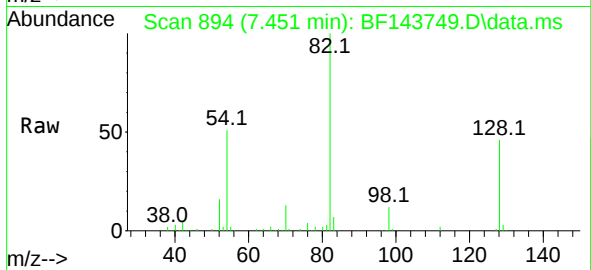




#25
Isophorone
Concen: 47.378 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.259 min
Lab File: BF143749.D
Acq: 15 Sep 2025 13:20

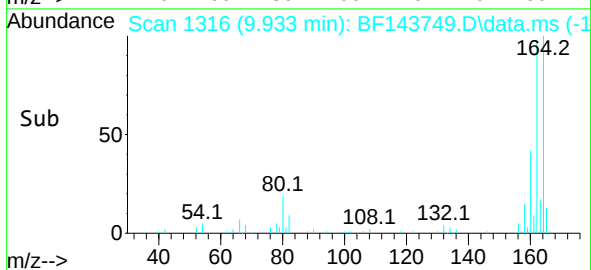
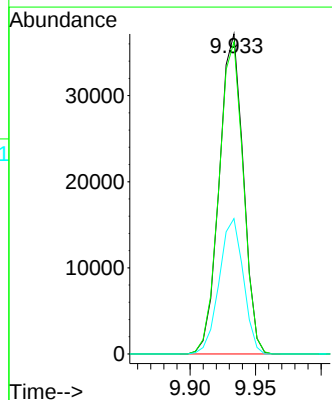
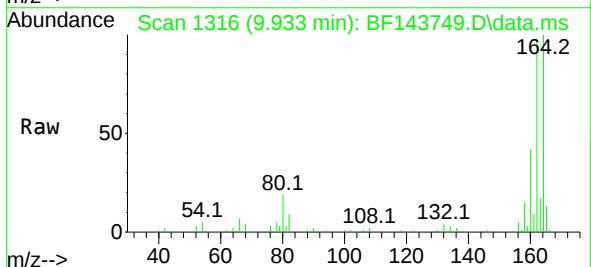
Instrument :
BNA_F
ClientSampleId :
PB169679BL

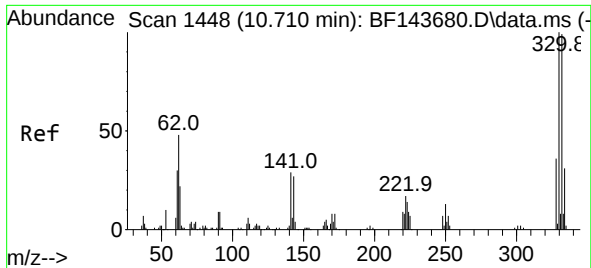
Tgt Ion: 82 Resp: 121955
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.8 22.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BF143749.D
Acq: 15 Sep 2025 13:20

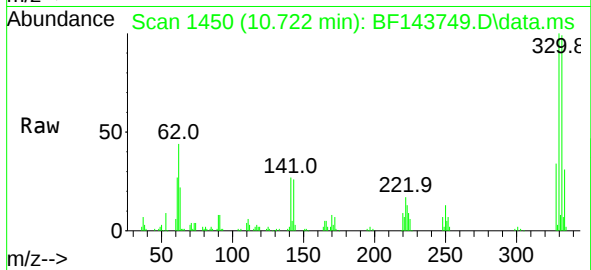
Tgt Ion:164 Resp: 47255
Ion Ratio Lower Upper
164 100
162 97.5 80.6 121.0
160 42.3 33.0 49.4



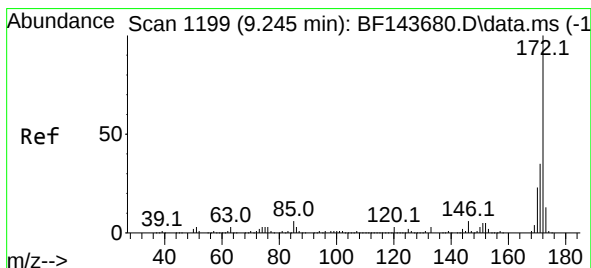
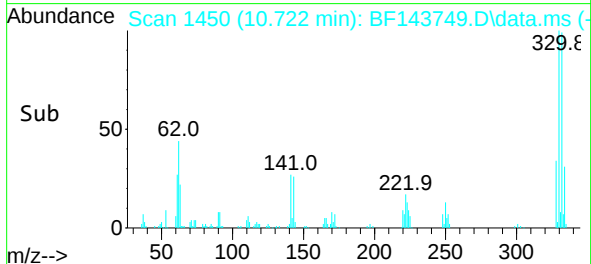
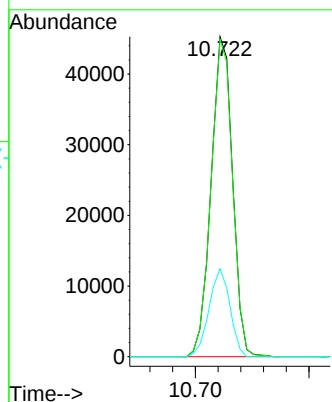


#42
2,4,6-Tribromophenol
Concen: 124.393 ng
RT: 10.722 min Scan# 1448
Delta R.T. 0.012 min
Lab File: BF143749.D
Acq: 15 Sep 2025 13:20

Instrument :
BNA_F
ClientSampleId :
PB169679BL

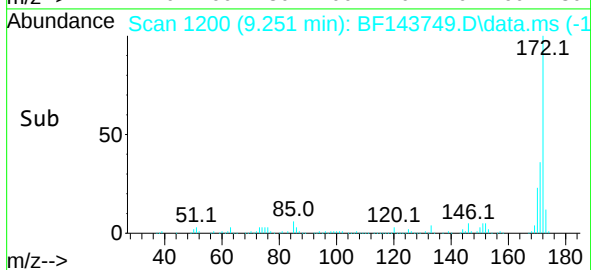
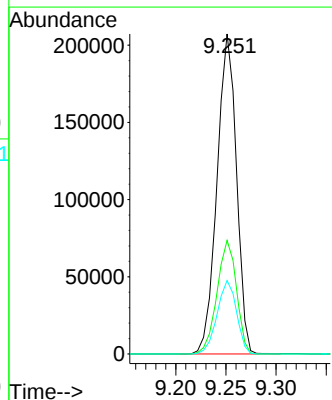
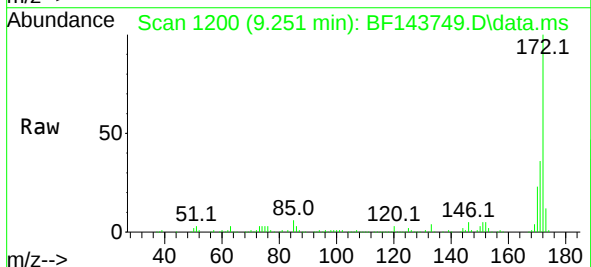


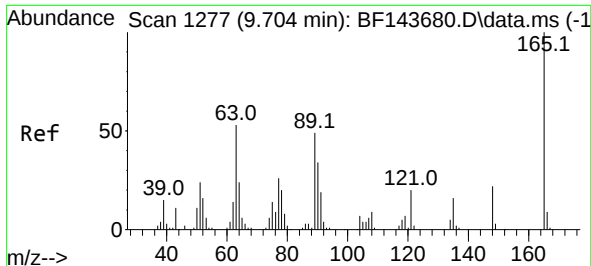
Tgt Ion:330 Resp: 59239
Ion Ratio Lower Upper
330 100
332 99.3 79.2 118.8
141 26.7 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 89.319 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF143749.D
Acq: 15 Sep 2025 13:20

Tgt Ion:172 Resp: 279408
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 22.9 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 10.629 ng

RT: 9.933 min Scan# 11

Delta R.T. 0.229 min

Lab File: BF143749.D

Acq: 15 Sep 2025 13:20

Instrument :

BNA_F

ClientSampleId :

PB169679BL

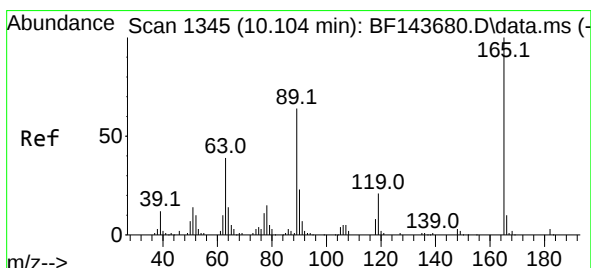
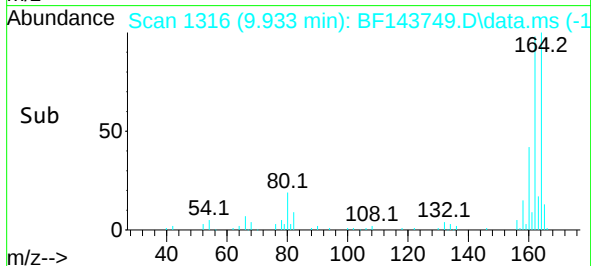
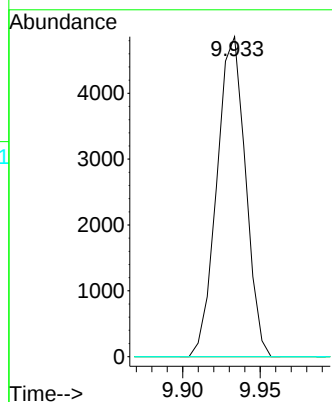
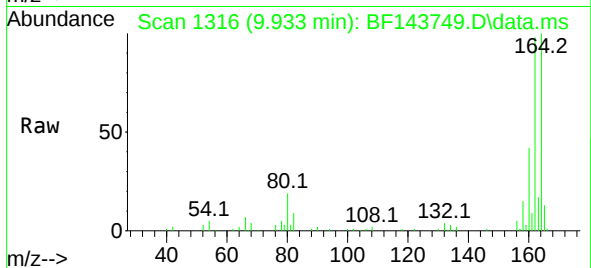
Tgt Ion:165 Resp: 6248

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: 7.809 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.171 min

Lab File: BF143749.D

Acq: 15 Sep 2025 13:20

Tgt Ion:165 Resp: 6248

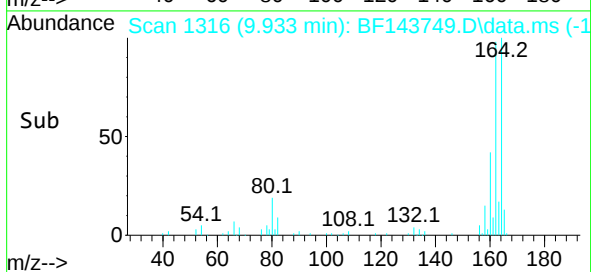
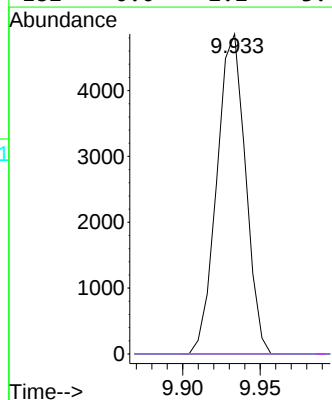
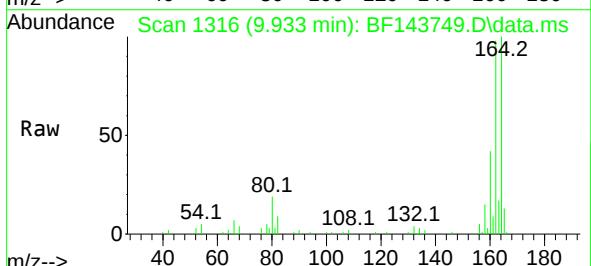
Ion Ratio Lower Upper

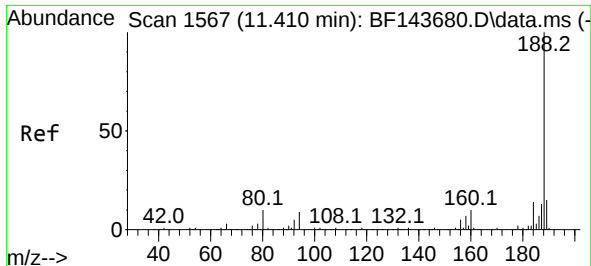
165 100

63 0.0 31.5 47.3#

89 0.0 51.3 76.9#

182 0.0 2.2 3.4#

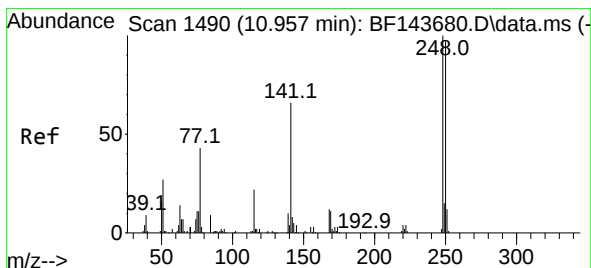
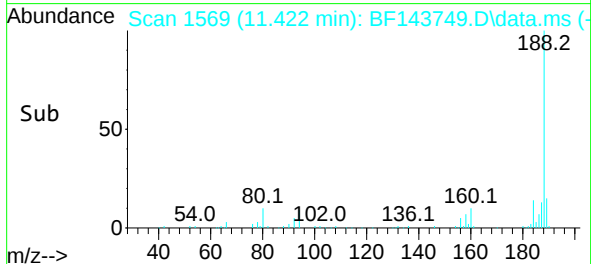
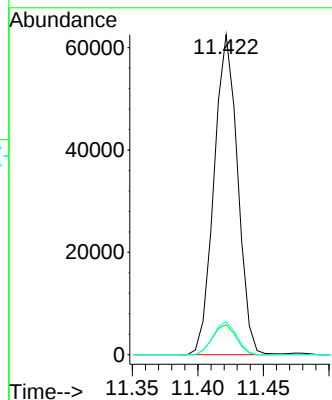
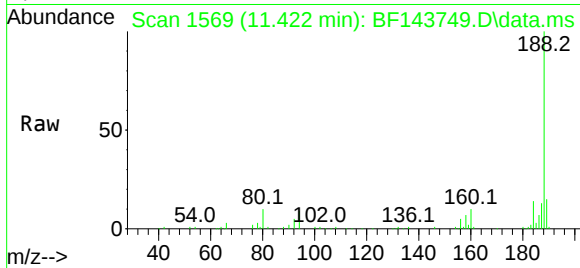




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143749.D
Acq: 15 Sep 2025 13:20

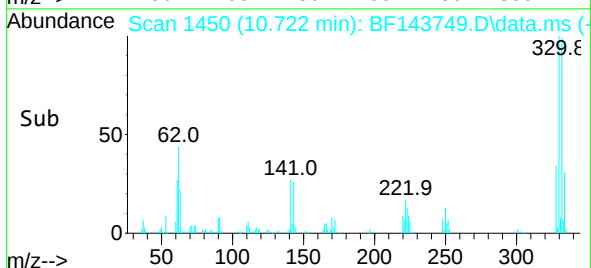
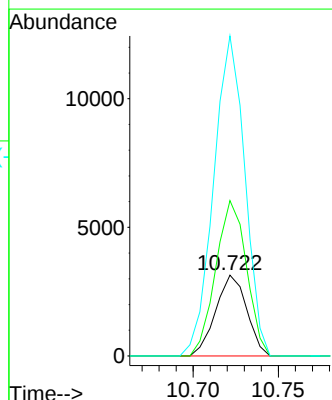
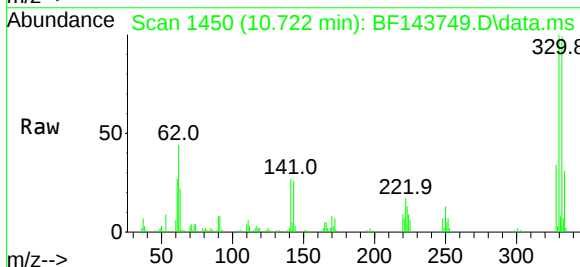
Instrument :
BNA_F
ClientSampleId :
PB169679BL

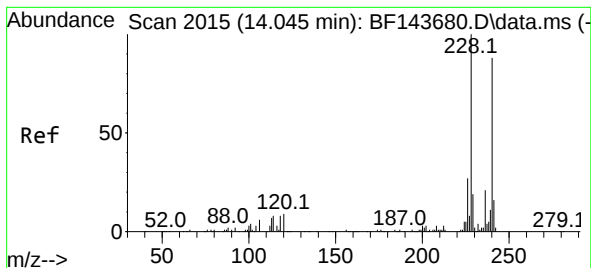
Tgt Ion:188 Resp: 78152
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 10.3 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 4.225 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.235 min
Lab File: BF143749.D
Acq: 15 Sep 2025 13:20

Tgt Ion:248 Resp: 3982
Ion Ratio Lower Upper
248 100
250 192.4 77.5 116.3#
141 396.3 52.6 79.0#

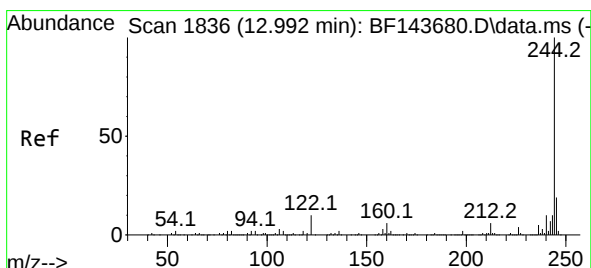
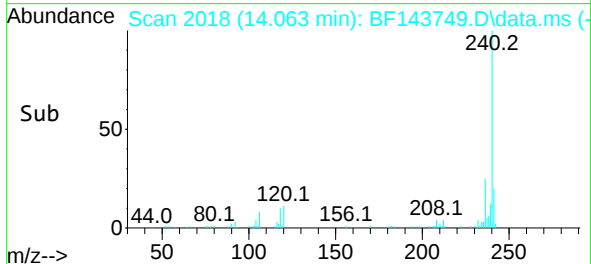
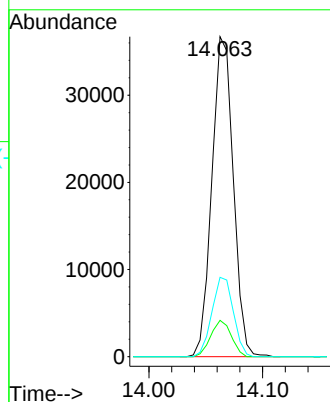
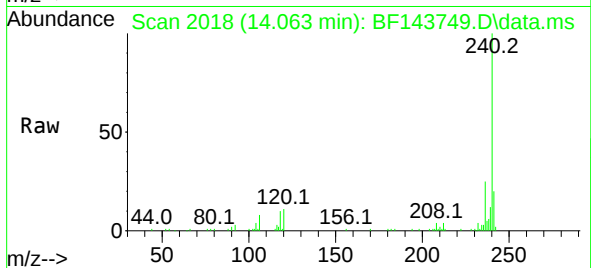




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. 0.018 min
Lab File: BF143749.D
Acq: 15 Sep 2025 13:20

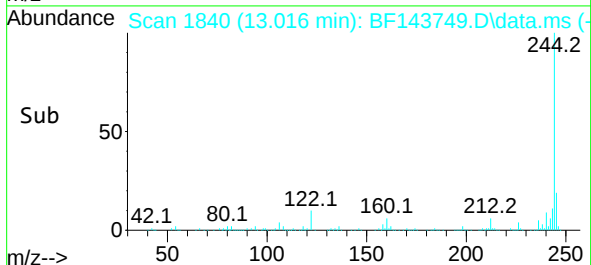
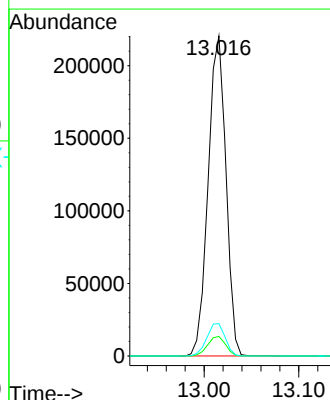
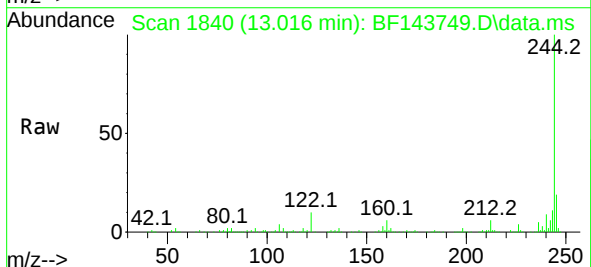
Instrument :
BNA_F
ClientSampleId :
PB169679BL

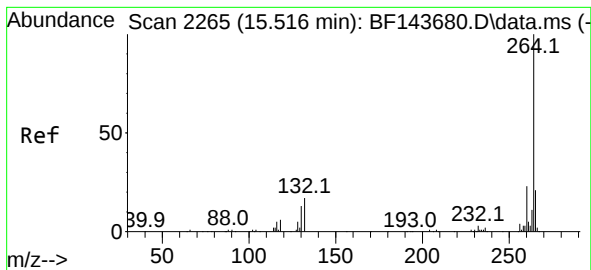
Tgt Ion:240 Resp: 48079
Ion Ratio Lower Upper
240 100
120 11.4 8.4 12.6
236 24.8 18.6 28.0



#79
Terphenyl-d14
Concen: 96.942 ng
RT: 13.016 min Scan# 1840
Delta R.T. 0.023 min
Lab File: BF143749.D
Acq: 15 Sep 2025 13:20

Tgt Ion:244 Resp: 287616
Ion Ratio Lower Upper
244 100
212 6.1 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: BF143749.D

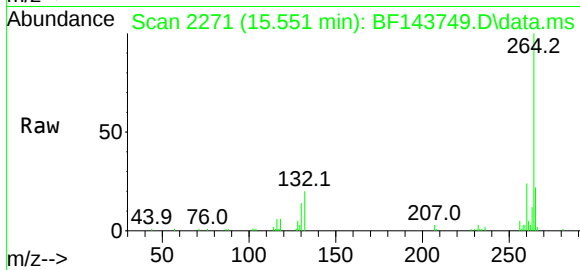
Acq: 15 Sep 2025 13:20

Instrument :

BNA_F

ClientSampleId :

PB169679BL



Tgt Ion:264 Resp: 39737

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 21.7 17.1 25.7

