

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072125\
 Data File : BF143169.D
 Acq On : 21 Jul 2025 13:55
 Operator : RC/JU
 Sample : PB168929BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168929BL

Quant Time: Jul 21 14:26:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

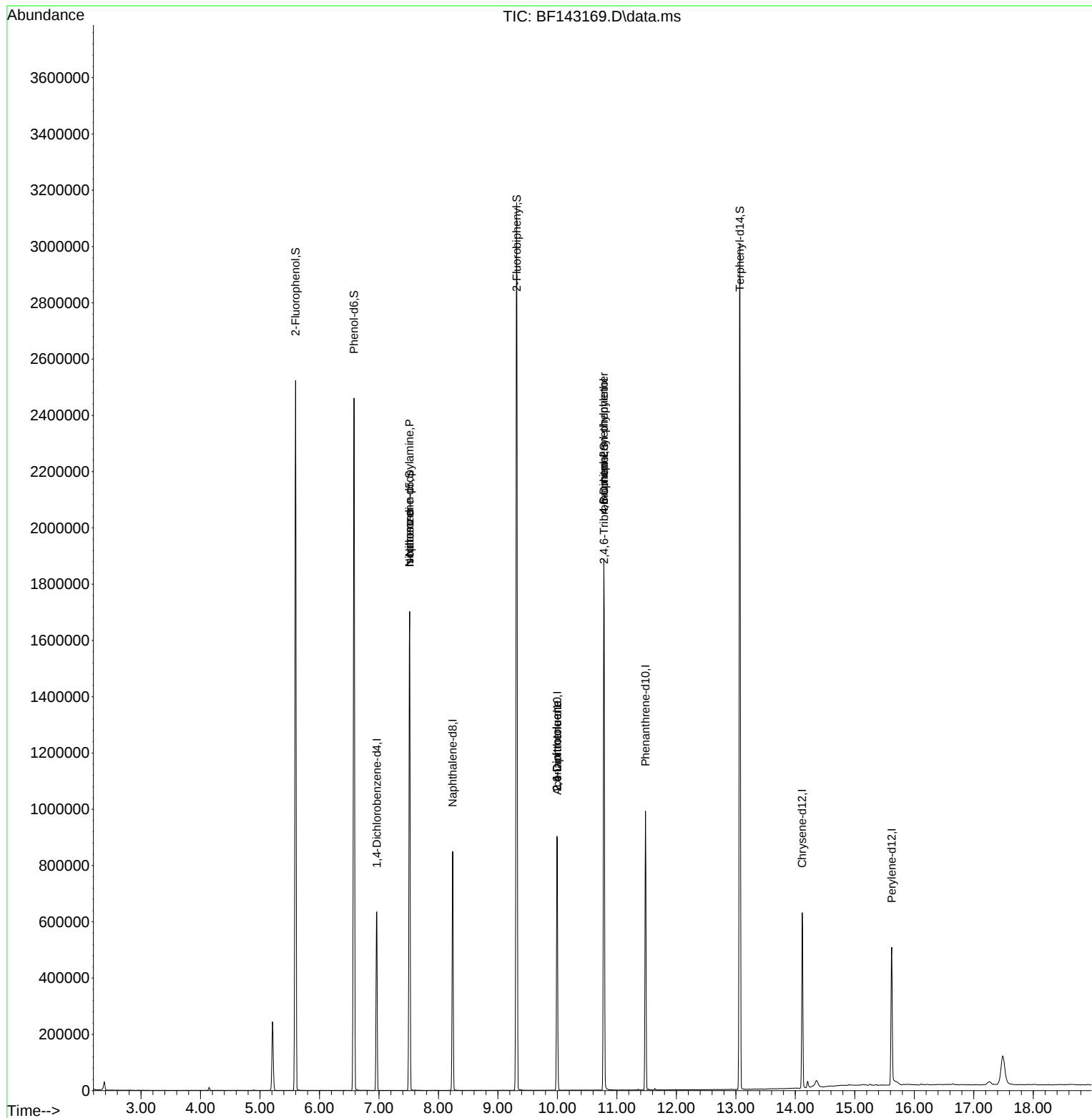
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	134265	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	520755	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	272061	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	488527	20.000	ng	0.00
76) Chrysene-d12	14.115	240	295665	20.000	ng	0.00
86) Perylene-d12	15.621	264	286062	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	938664	110.632	ng	0.01
7) Phenol-d6	6.581	99	1193910	111.796	ng	0.00
23) Nitrobenzene-d5	7.516	82	765844	73.307	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	336222	119.629	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1455810	73.182	ng	0.00
79) Terphenyl-d14	13.068	244	1505122	75.754	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.516	70	105649	15.420	ng	# 78
25) Isophorone	7.516	82	761887	41.312	ng	# 66
51) 2,6-Dinitrotoluene	9.992	165	35515	9.845	ng	# 22
57) 2,4-Dinitrotoluene	9.992	165	35515	7.847	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.780	198	606	5.622	ng	# 1
67) 4-Bromophenyl-phenylether	10.780	248	20989	3.605	ng	# 1

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

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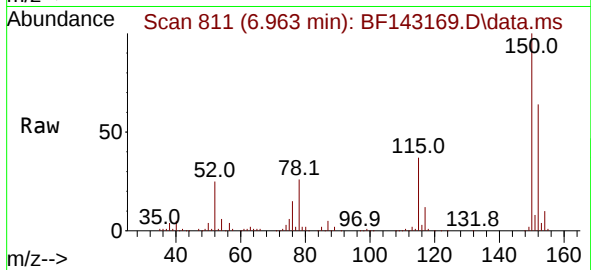
Quant Time: Jul 21 14:26:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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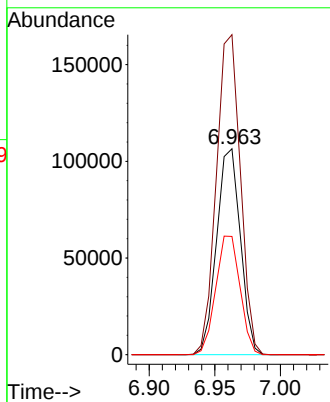
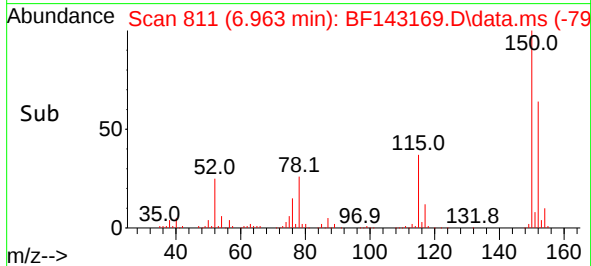


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143169.D
Acq: 21 Jul 2025 13:55

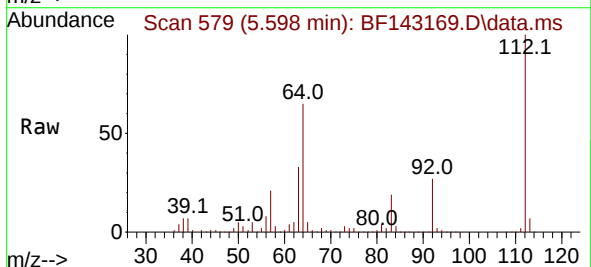
Instrument :
BNA_F
ClientSampleId :
PB168929BL



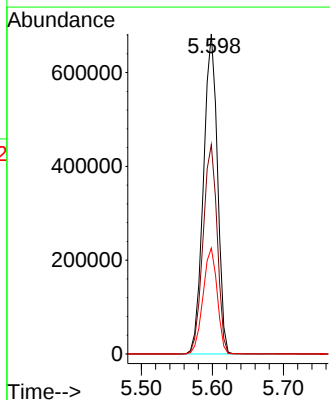
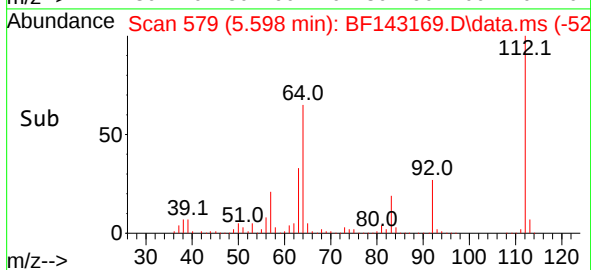
Tgt Ion:152 Resp: 134265
Ion Ratio Lower Upper
152 100
150 155.4 128.2 192.4
115 57.4 47.9 71.9

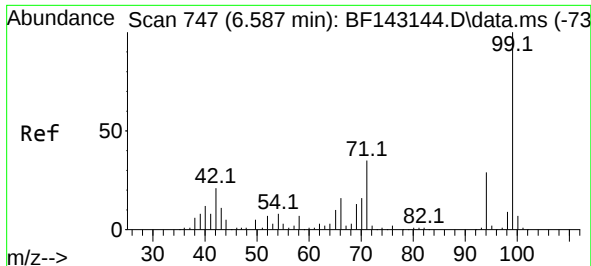


#5
2-Fluorophenol
Concen: 110.632 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143169.D
Acq: 21 Jul 2025 13:55



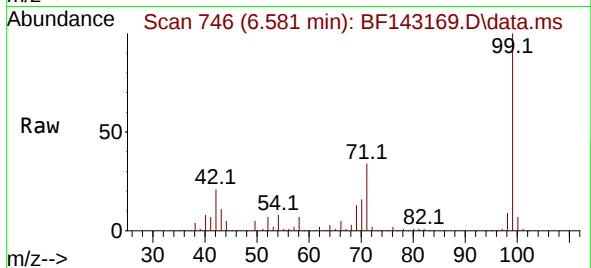
Tgt Ion:112 Resp: 938664
Ion Ratio Lower Upper
112 100
64 65.4 53.1 79.7
63 33.1 26.6 40.0



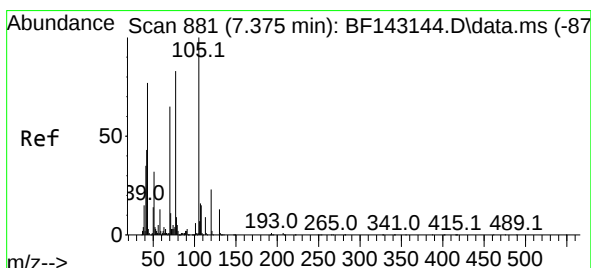
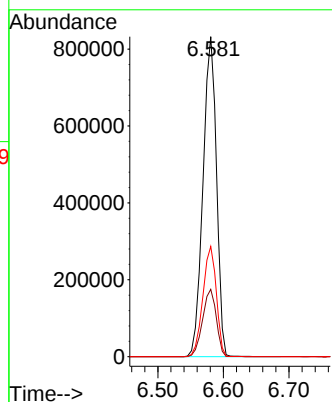
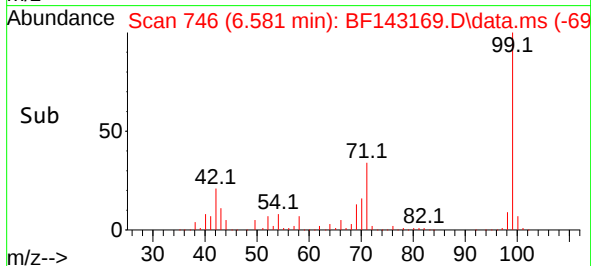


#7
Phenol-d6
Concen: 111.796 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143169.D
Acq: 21 Jul 2025 13:55

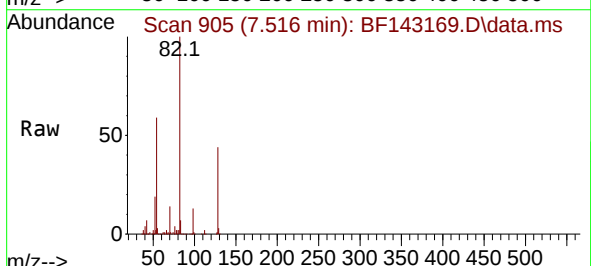
Instrument :
BNA_F
ClientSampleId :
PB168929BL



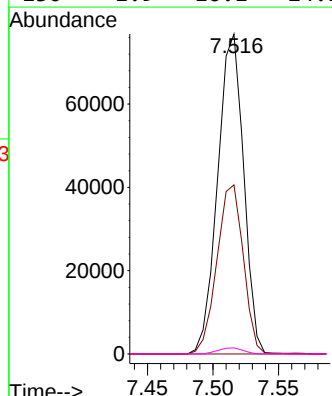
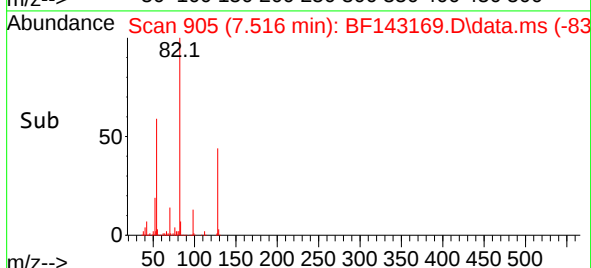
Tgt Ion: 99 Resp: 1193910
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 34.4 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.420 ng
RT: 7.516 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF143169.D
Acq: 21 Jul 2025 13:55



Tgt Ion: 70 Resp: 105649
Ion Ratio Lower Upper
70 100
42 52.8 52.5 78.7
101 0.0 7.6 11.4#
130 1.9 16.1 24.1#

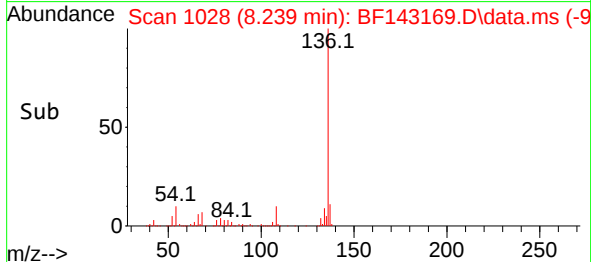
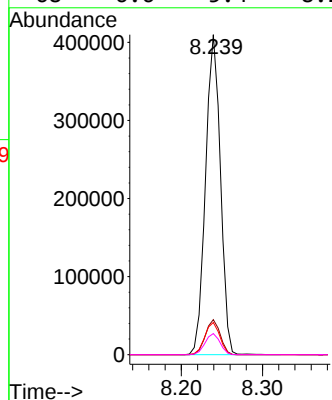
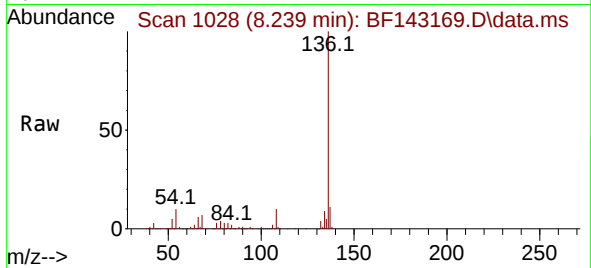




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143169.D
Acq: 21 Jul 2025 13:55

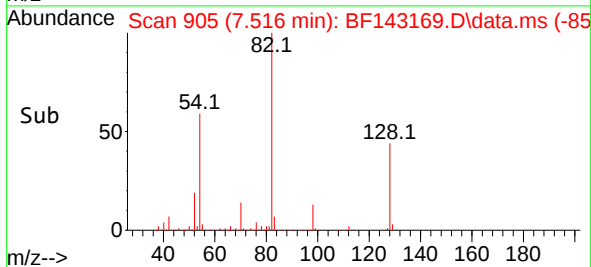
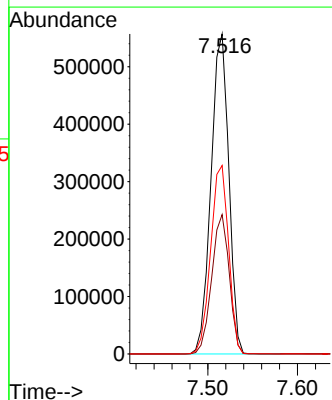
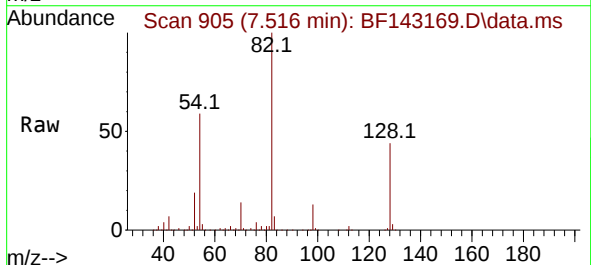
Instrument :
BNA_F
ClientSampleId :
PB168929BL

Tgt	Ion:136	Resp:	520755
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.0	8.2	12.2
68	6.6	5.4	8.2



#23
Nitrobenzene-d5
Concen: 73.307 ng
RT: 7.516 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF143169.D
Acq: 21 Jul 2025 13:55

Tgt Ion: 82	Resp: 765844
Ion Ratio	Lower Upper
82 100	
128 43.5	33.6 50.4
54 58.9	47.1 70.7

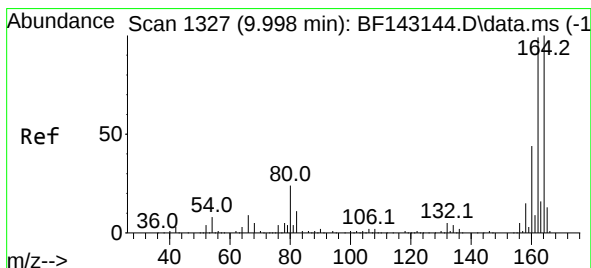
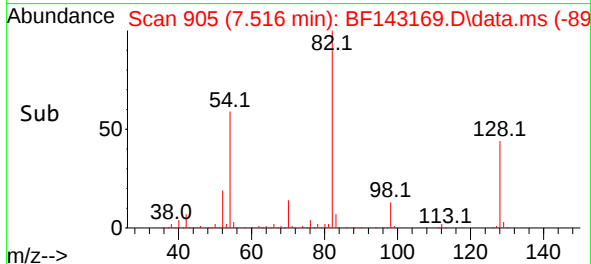
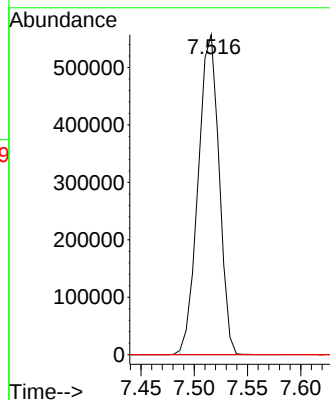
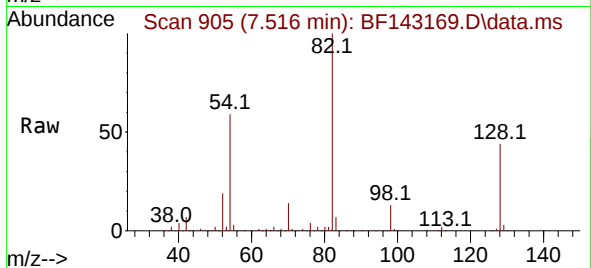




#25
Isophorone
Concen: 41.312 ng
RT: 7.516 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF143169.D
Acq: 21 Jul 2025 13:55

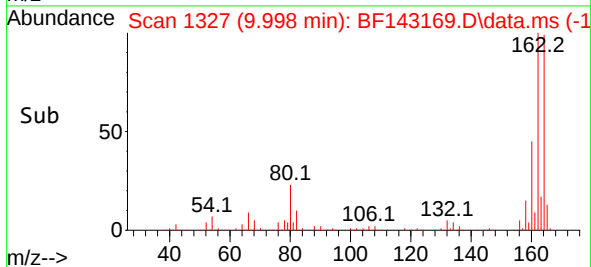
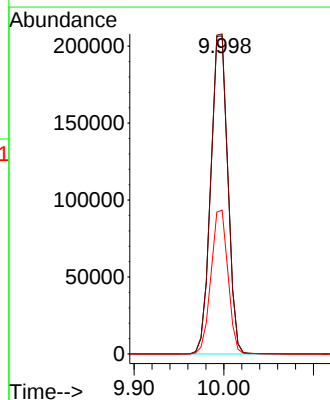
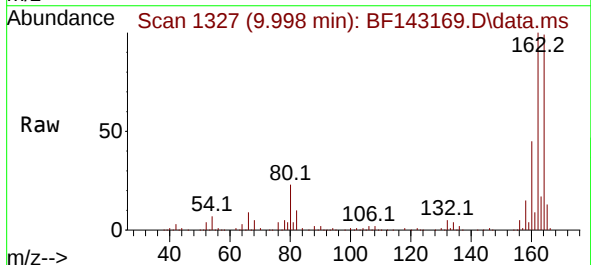
Instrument :
BNA_F
ClientSampleId :
PB168929BL

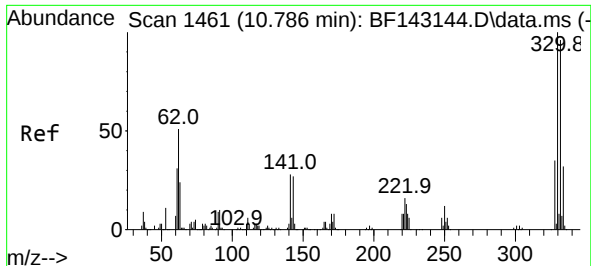
Tgt Ion: 82 Resp: 761887
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF143169.D
Acq: 21 Jul 2025 13:55

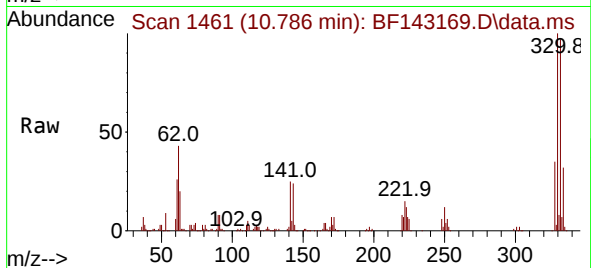
Tgt Ion:164 Resp: 272061
Ion Ratio Lower Upper
164 100
162 100.6 79.0 118.6
160 45.2 35.1 52.7



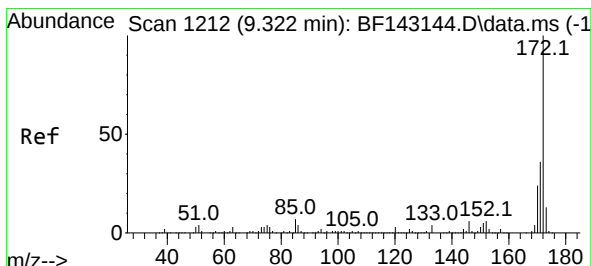
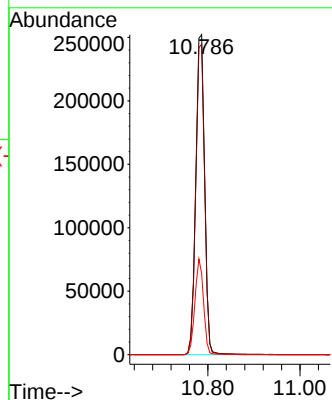
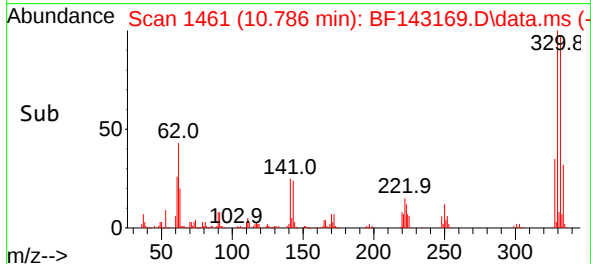


#42
 2,4,6-Tribromophenol
 Concen: 119.629 ng
 RT: 10.786 min Scan# 1461
 Delta R.T. 0.000 min
 Lab File: BF143169.D
 Acq: 21 Jul 2025 13:55

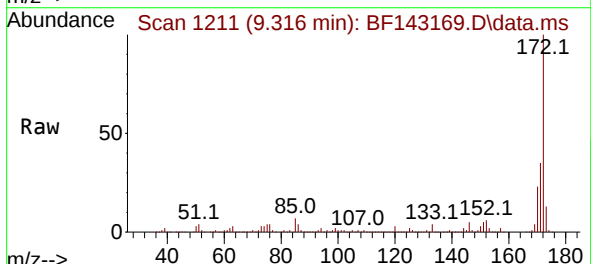
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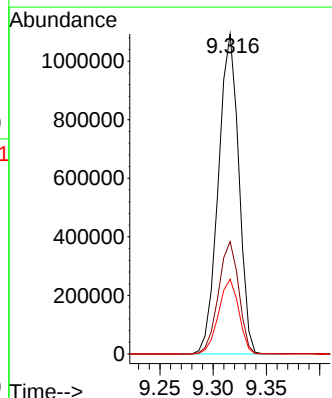
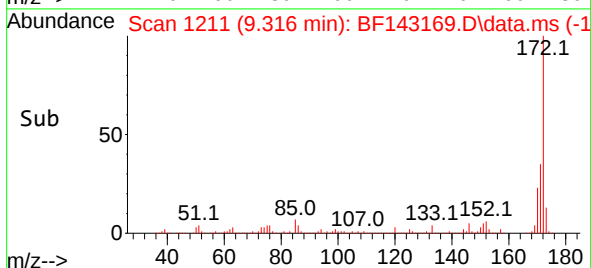
Tgt Ion:330 Resp: 336222
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.7 115.1
 141 29.1 23.3 34.9

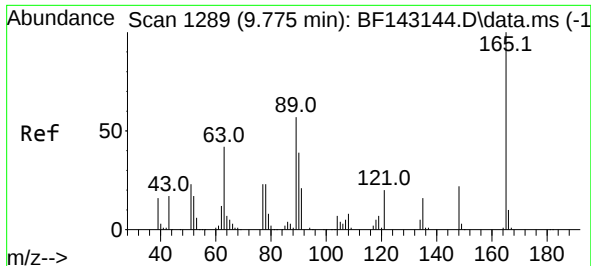


#45
 2-Fluorobiphenyl
 Concen: 73.182 ng
 RT: 9.316 min Scan# 1211
 Delta R.T. -0.006 min
 Lab File: BF143169.D
 Acq: 21 Jul 2025 13:55



Tgt Ion:172 Resp: 1455810
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 42.8
 170 23.4 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 9.845 ng

RT: 9.992 min Scan# 11

Delta R.T. 0.218 min

Lab File: BF143169.D

Acq: 21 Jul 2025 13:55

Instrument :

BNA_F

ClientSampleId :

PB168929BL

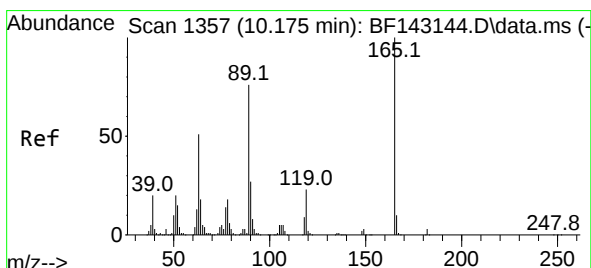
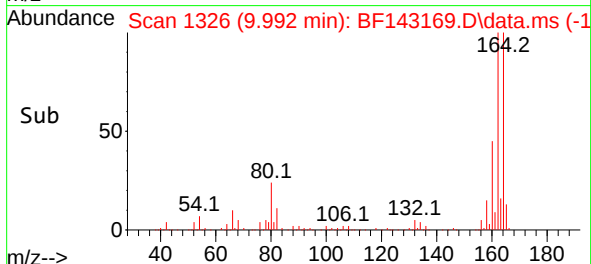
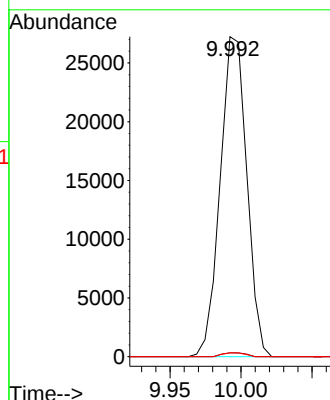
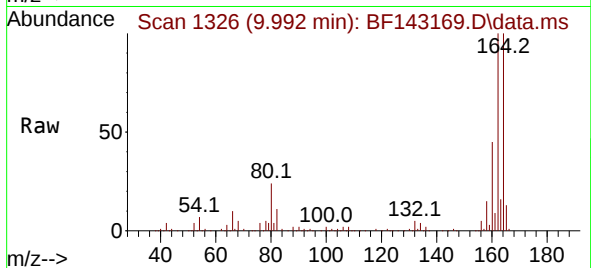
Tgt Ion:165 Resp: 35515

Ion Ratio Lower Upper

165 100

63 1.2 49.4 74.2#

89 1.2 46.2 69.2#



#57

2,4-Dinitrotoluene

Concen: 7.847 ng

RT: 9.992 min Scan# 1326

Delta R.T. -0.182 min

Lab File: BF143169.D

Acq: 21 Jul 2025 13:55

Tgt Ion:165 Resp: 35515

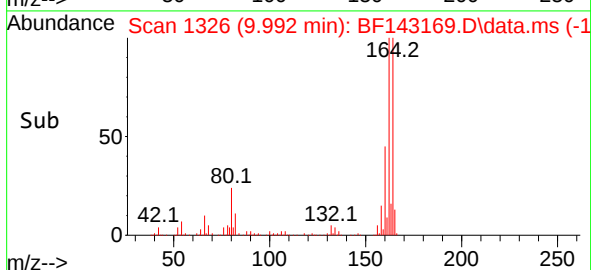
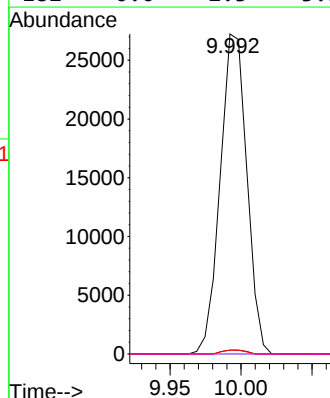
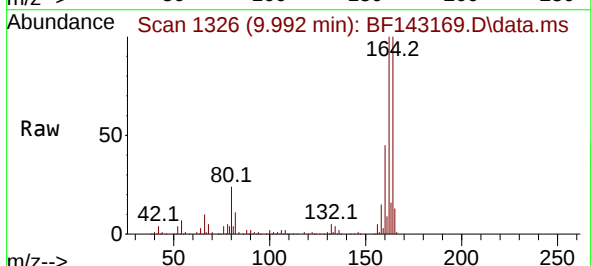
Ion Ratio Lower Upper

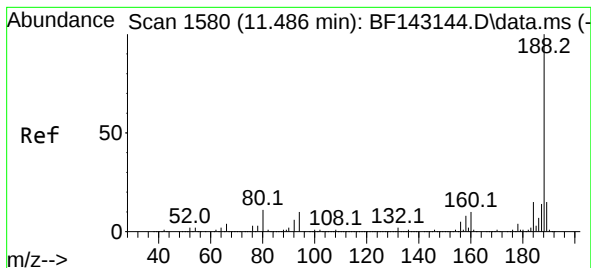
165 100

63 1.2 41.0 61.4#

89 1.2 61.1 91.7#

182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.480 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143169.D

Acq: 21 Jul 2025 13:55

Instrument :

BNA_F

ClientSampleId :

PB168929BL

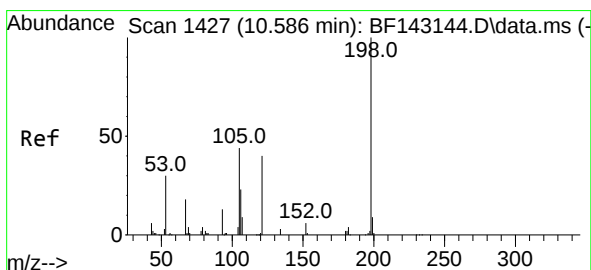
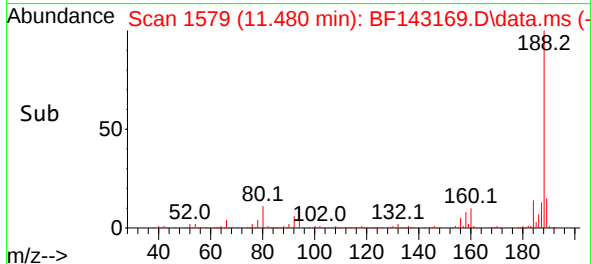
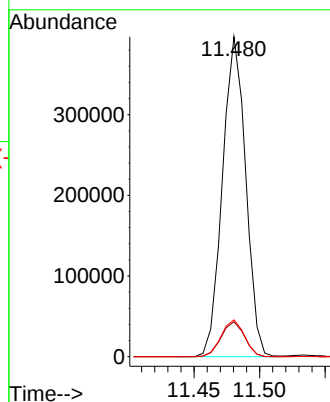
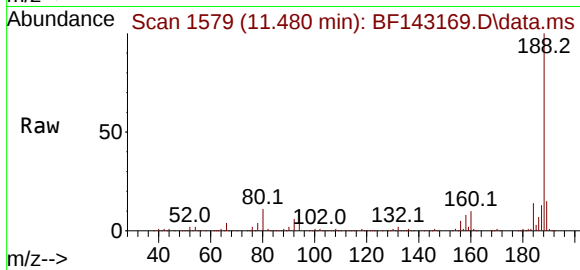
Tgt Ion:188 Resp: 488527

Ion Ratio Lower Upper

188 100

94 10.9 8.3 12.5

80 11.5 9.0 13.6



#65

4,6-Dinitro-2-methylphenol

Concen: 5.622 ng

RT: 10.780 min Scan# 1460

Delta R.T. 0.194 min

Lab File: BF143169.D

Acq: 21 Jul 2025 13:55

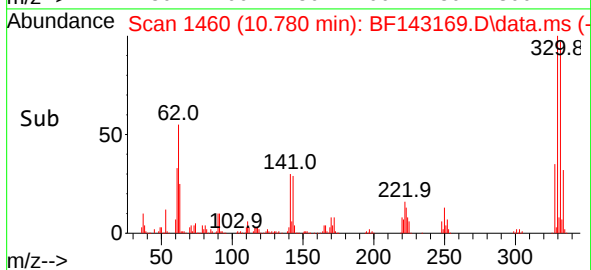
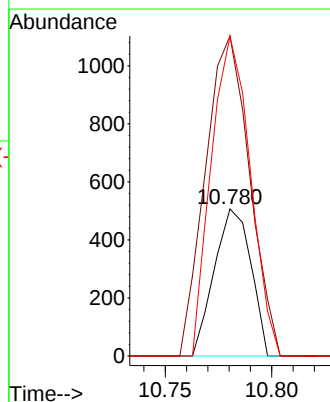
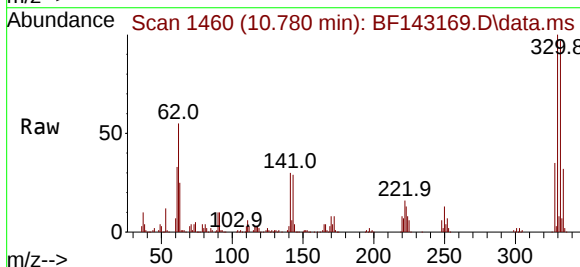
Tgt Ion:198 Resp: 606

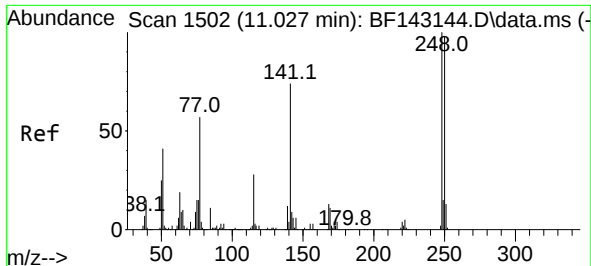
Ion Ratio Lower Upper

198 100

51 217.6 37.2 77.2#

105 217.4 24.8 64.8#

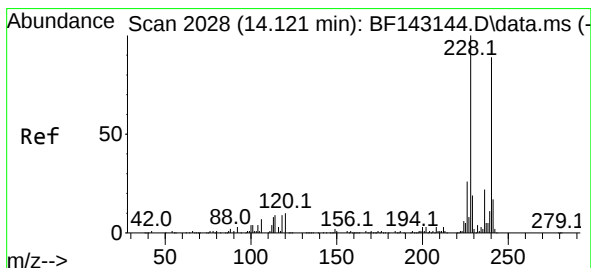
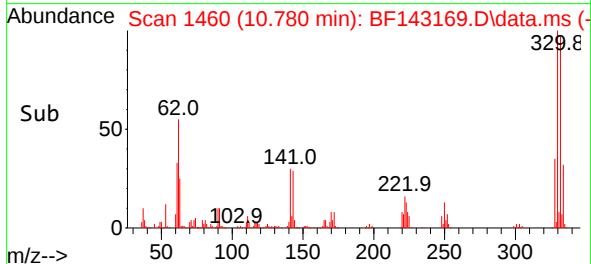
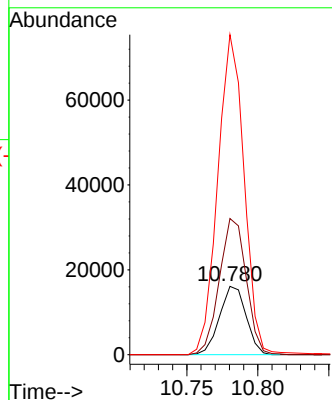
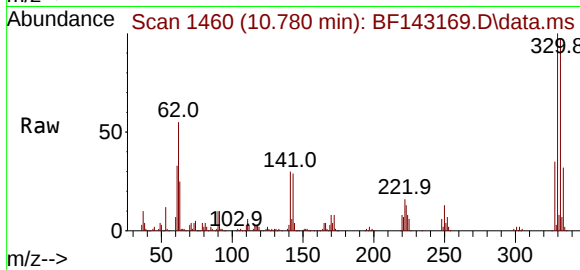




#67
4-Bromophenyl-phenylether
Concen: 3.605 ng
RT: 10.780 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF143169.D
Acq: 21 Jul 2025 13:55

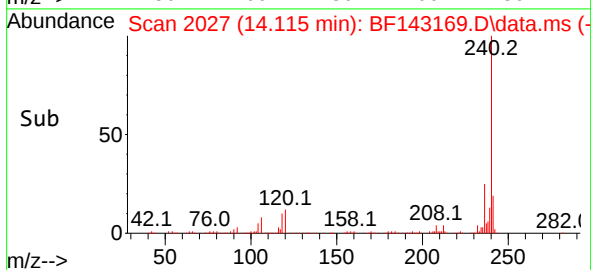
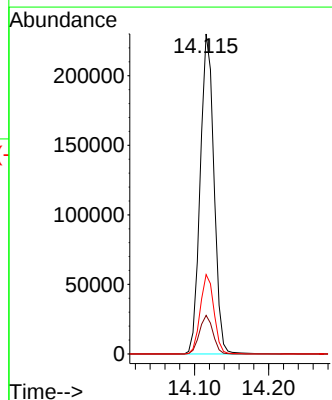
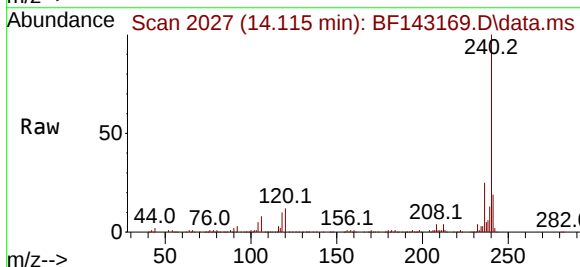
Instrument :
BNA_F
ClientSampleId :
PB168929BL

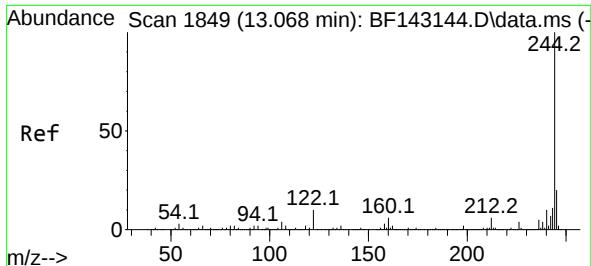
Tgt Ion:248 Resp: 20989
Ion Ratio Lower Upper
248 100
250 199.1 78.3 117.5#
141 467.9 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF143169.D
Acq: 21 Jul 2025 13:55

Tgt Ion:240 Resp: 295665
Ion Ratio Lower Upper
240 100
120 12.1 9.4 14.2
236 24.8 20.2 30.4

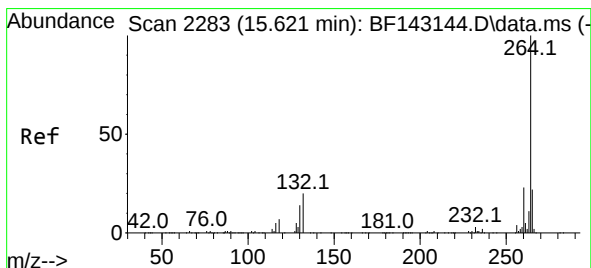
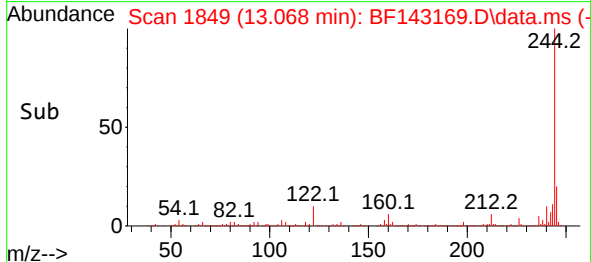
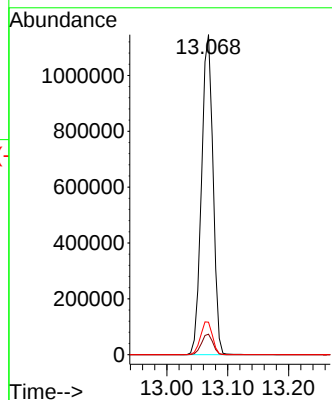
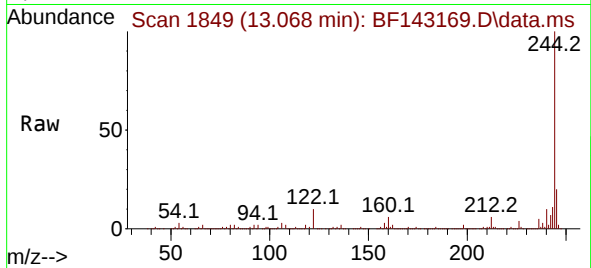




#79
 Terphenyl-d14
 Concen: 75.754 ng
 RT: 13.068 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF143169.D
 Acq: 21 Jul 2025 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB168929BL

Tgt Ion:244 Resp: 1505122
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.2 7.8
 122 10.2 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: BF143169.D
 Acq: 21 Jul 2025 13:55

Tgt Ion:264 Resp: 286062
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.5 27.7
 265 21.3 17.4 26.2

