

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144069.D
 Acq On : 24 Oct 2025 19:17
 Operator : RC/JU
 Sample : Q3405-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 27 10:55:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

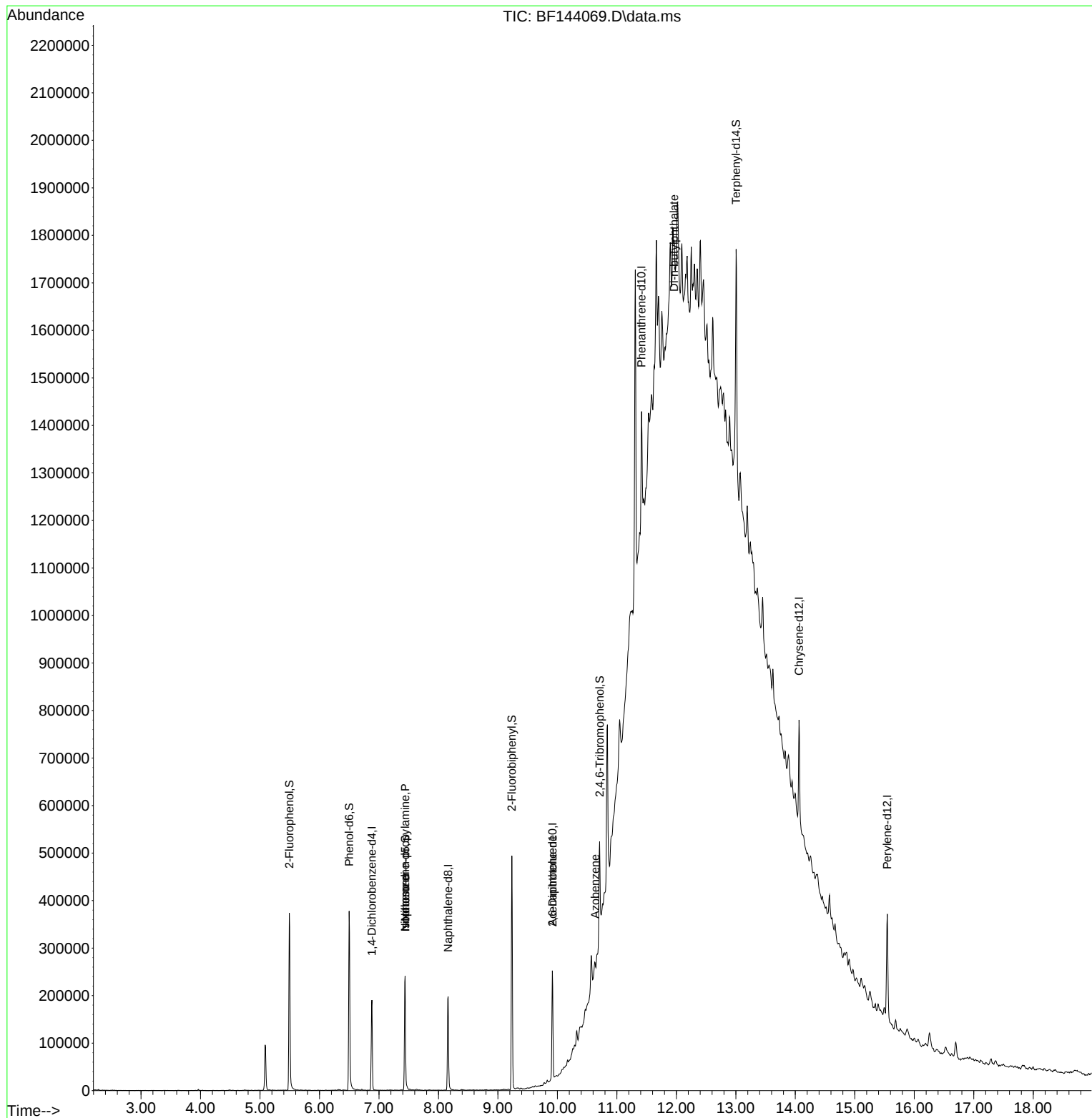
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	37977	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	130524	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	67257	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	93051	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	106998	20.000	ng	0.00
86) Perylene-d12	15.545	264	150477	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	141363	58.891	ng	0.00
7) Phenol-d6	6.498	99	156796	59.146	ng	0.00
23) Nitrobenzene-d5	7.439	82	102306	42.943	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	45327	52.907	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	217460	45.499	ng	0.00
79) Terphenyl-d14	13.004	244	235841	38.534	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	15539	9.064	ng	# 76
25) Isophorone	7.439	82	102306	24.562	ng	# 66
51) 2,6-Dinitrotoluene	9.916	165	8870	10.177	ng	# 22
63) Azobenzene	10.633	77	7965	2.030	ng	# 33
74) Di-n-butylphthalate	11.963	149	13680	2.745	ng	# 38

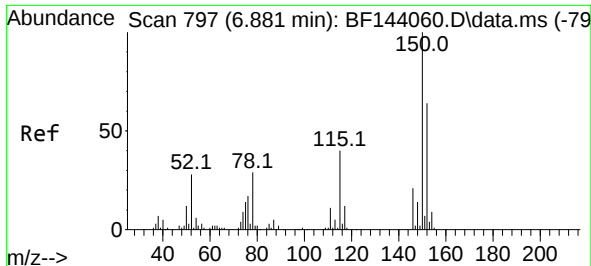
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144069.D
Acq On : 24 Oct 2025 19:17
Operator : RC/JU
Sample : Q3405-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

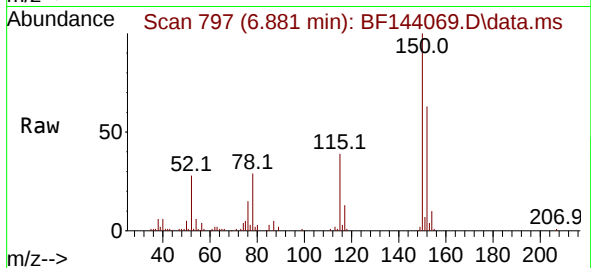
Quant Time: Oct 27 10:55:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration



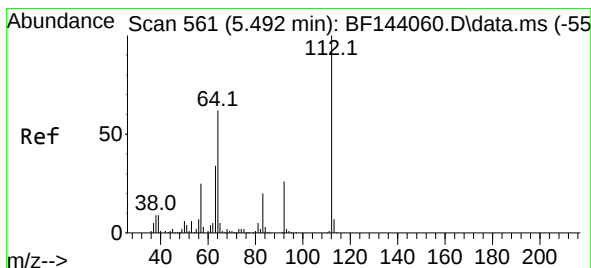
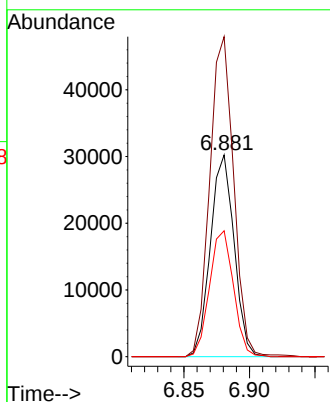
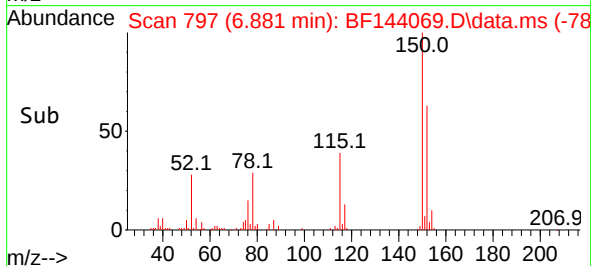


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: BF144069.D
 Acq: 24 Oct 2025 19:17

Instrument :
 BNA_F
 ClientSampleId :

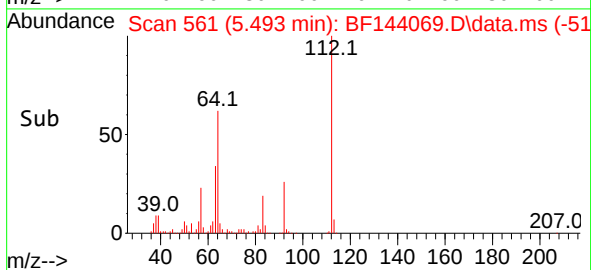
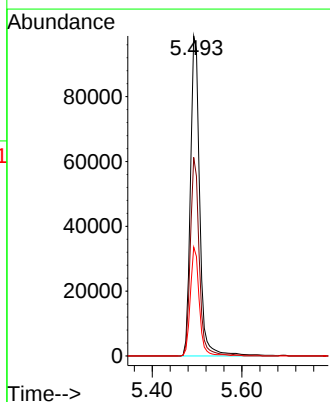
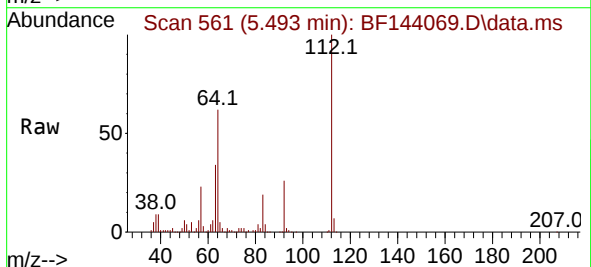


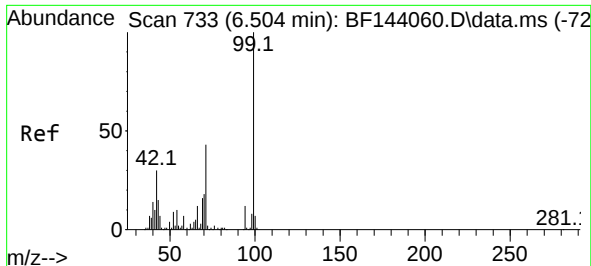
Tgt Ion:152 Resp: 37977
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.4 186.6
 115 62.4 49.4 74.0



#5
 2-Fluorophenol
 Concen: 58.891 ng
 RT: 5.493 min Scan# 561
 Delta R.T. 0.000 min
 Lab File: BF144069.D
 Acq: 24 Oct 2025 19:17

Tgt Ion:112 Resp: 141363
 Ion Ratio Lower Upper
 112 100
 64 62.0 49.8 74.8
 63 34.0 27.4 41.2

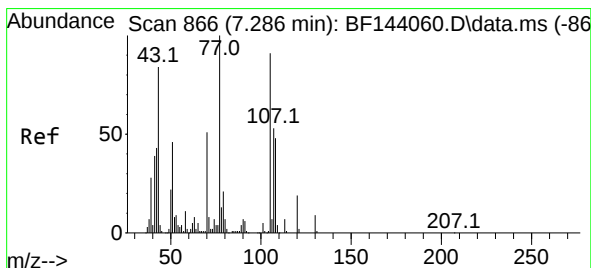
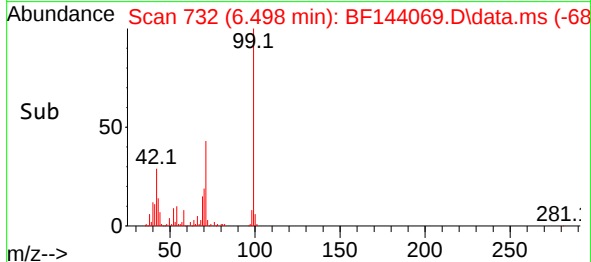
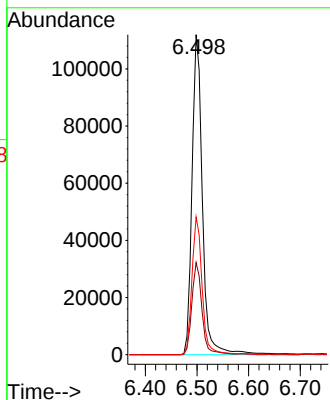
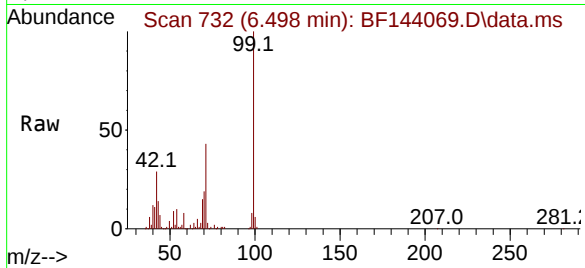




#7
Phenol-d6
Concen: 59.146 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144069.D
Acq: 24 Oct 2025 19:17

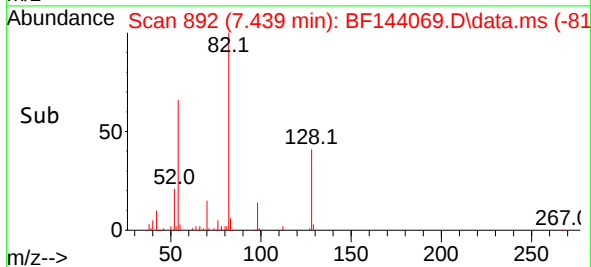
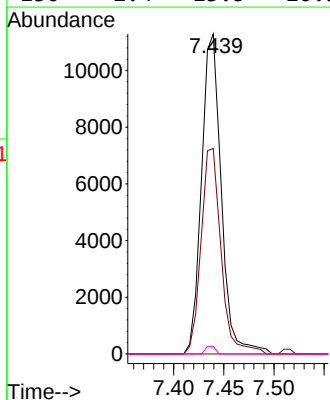
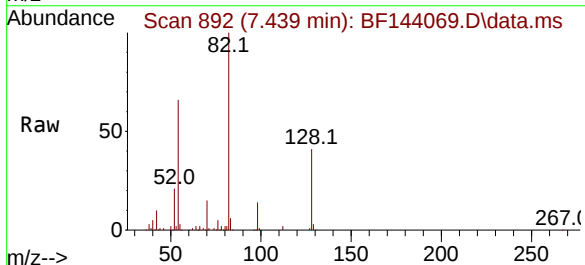
Instrument :
BNA_F
ClientSampleId :

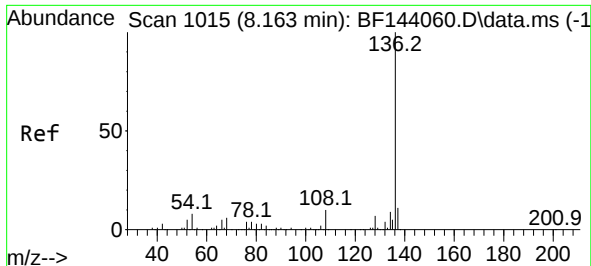
Tgt Ion: 99 Resp: 156796
Ion Ratio Lower Upper
99 100
42 28.8 23.9 35.9
71 43.1 34.4 51.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.064 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.153 min
Lab File: BF144069.D
Acq: 24 Oct 2025 19:17

Tgt Ion: 70 Resp: 15539
Ion Ratio Lower Upper
70 100
42 64.2 67.4 101.0#
101 0.0 7.1 10.7#
130 2.4 13.5 20.3#



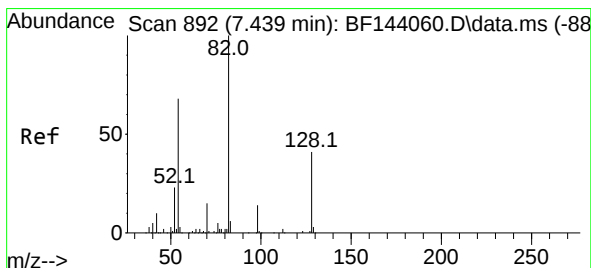
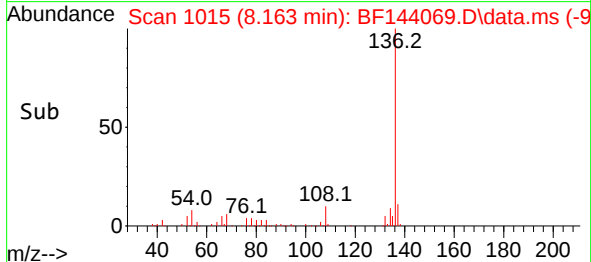
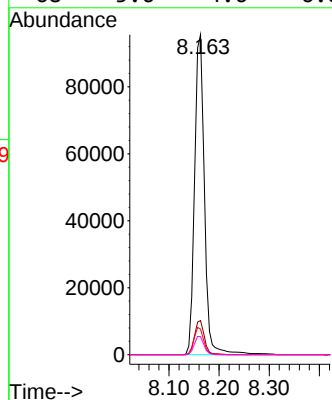
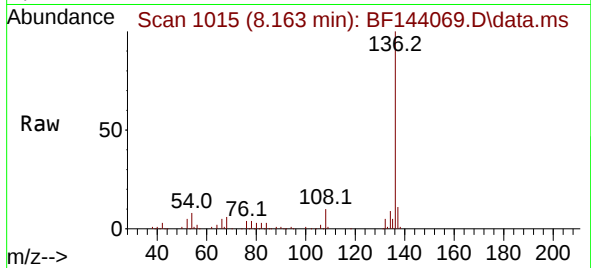


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF144069.D
Acq: 24 Oct 2025 19:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 130524

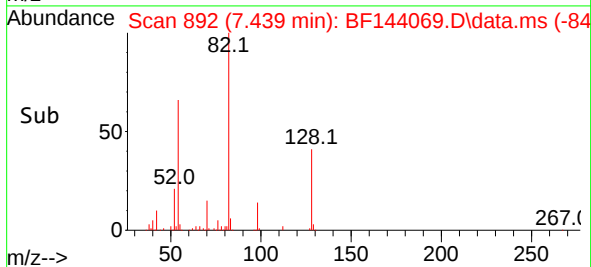
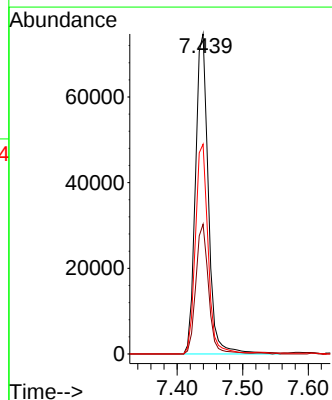
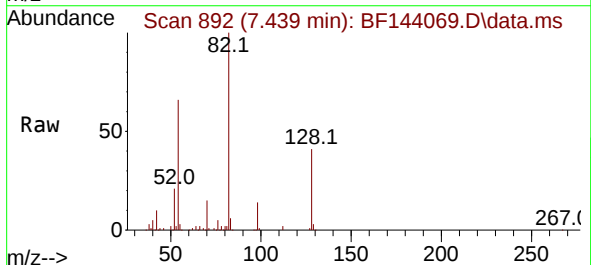
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.0	6.6	9.8
68	5.6	4.6	6.8

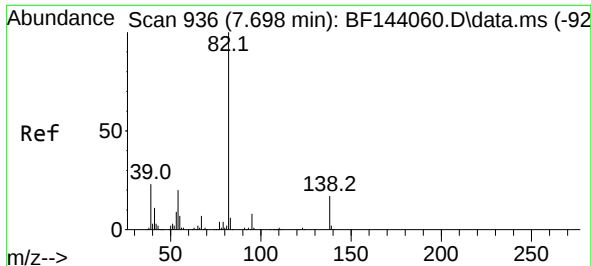


#23
Nitrobenzene-d5
Concen: 42.943 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF144069.D
Acq: 24 Oct 2025 19:17

Tgt Ion: 82 Resp: 102306

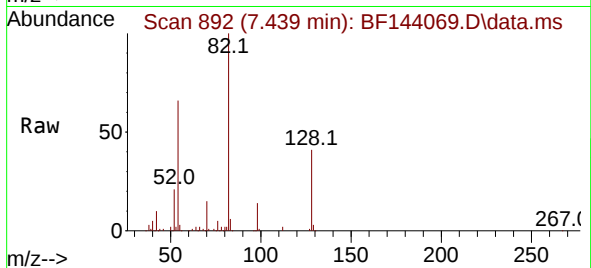
Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.4	48.6
54	65.6	54.0	81.0



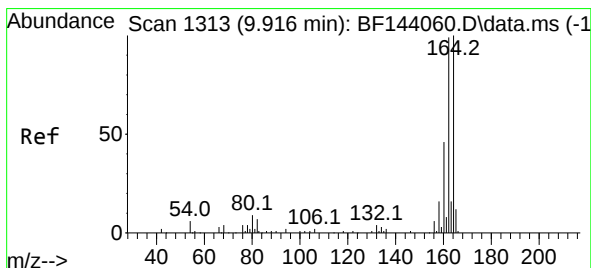
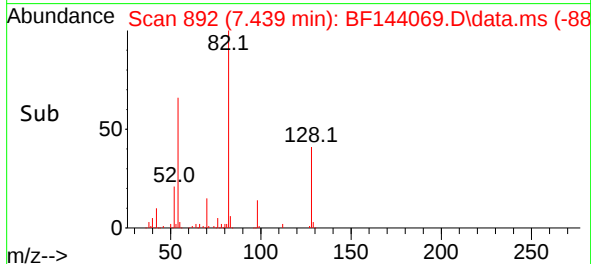
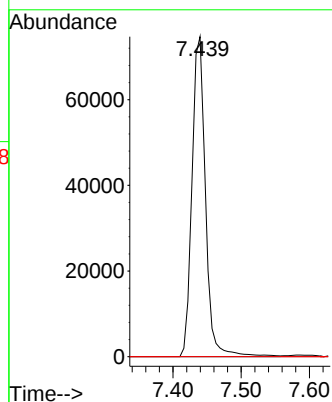


#25
Isophorone
Concen: 24.562 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.259 min
Lab File: BF144069.D
Acq: 24 Oct 2025 19:17

Instrument :
BNA_F
ClientSampleId :

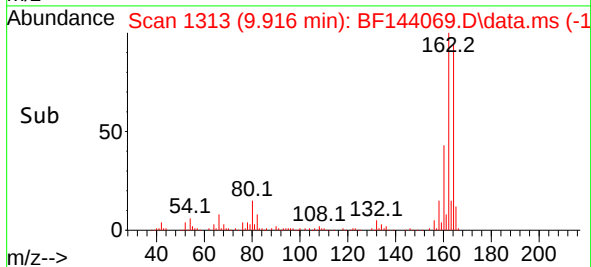
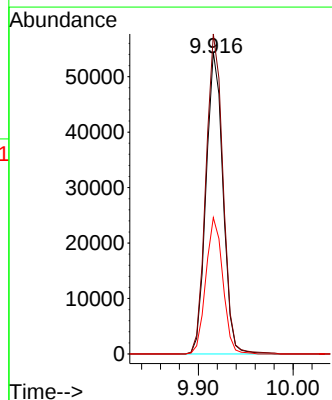
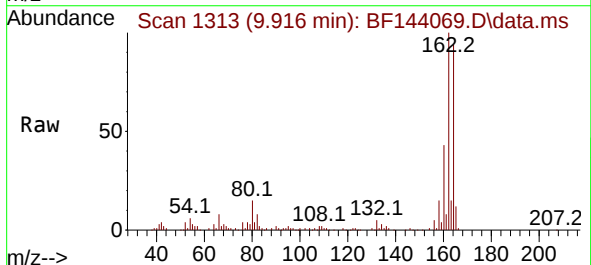


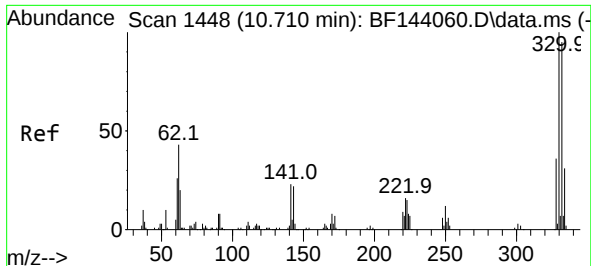
Tgt Ion: 82 Resp: 102306
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144069.D
Acq: 24 Oct 2025 19:17

Tgt Ion:164 Resp: 67257
Ion Ratio Lower Upper
164 100
162 105.9 79.4 119.2
160 45.1 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 52.907 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

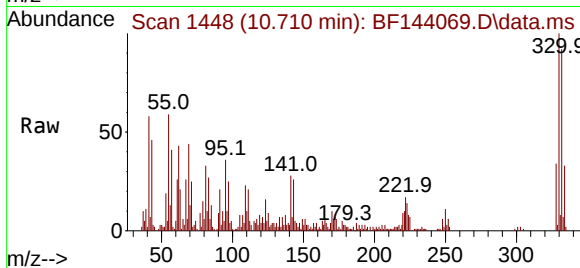
Lab File: BF144069.D

Acq: 24 Oct 2025 19:17

Instrument :

BNA_F

ClientSampleId :



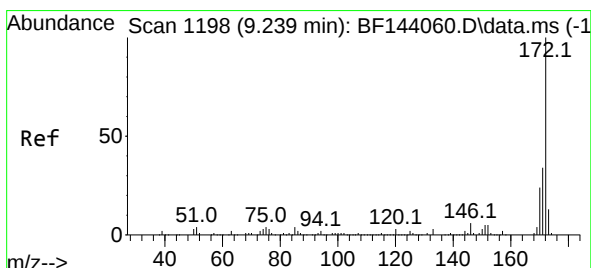
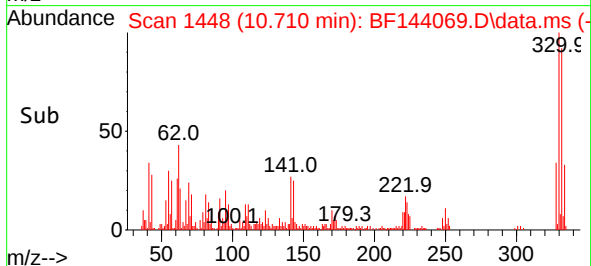
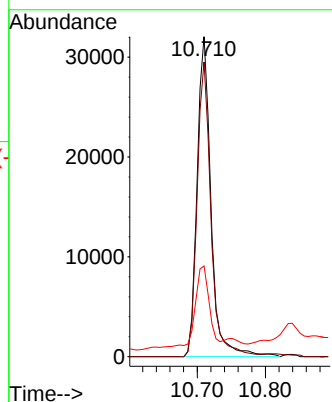
Tgt Ion:330 Resp: 45327

Ion Ratio Lower Upper

330 100

332 91.3 77.0 115.6

141 29.3 19.4 29.0#



#45

2-Fluorobiphenyl

Concen: 45.499 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144069.D

Acq: 24 Oct 2025 19:17

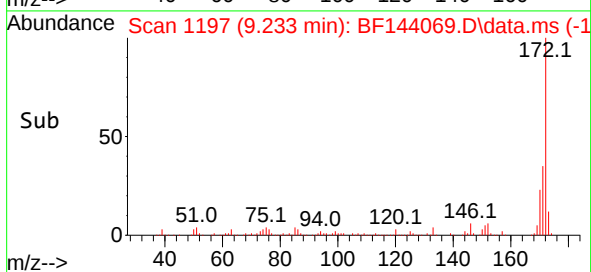
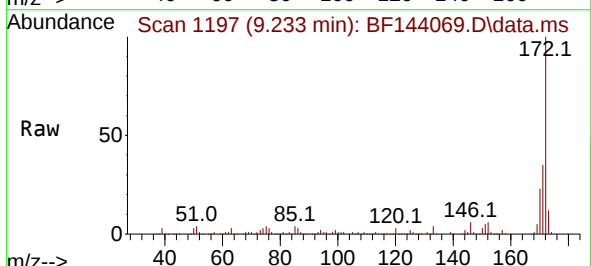
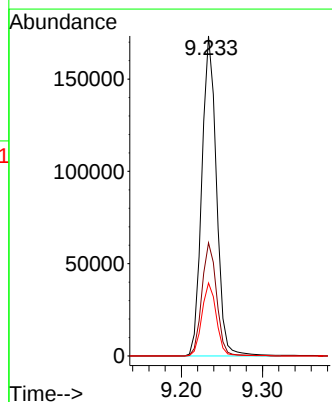
Tgt Ion:172 Resp: 217460

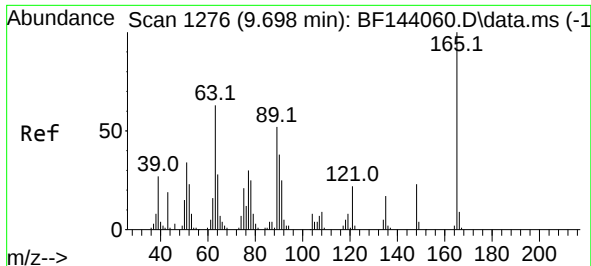
Ion Ratio Lower Upper

172 100

171 35.4 27.5 41.3

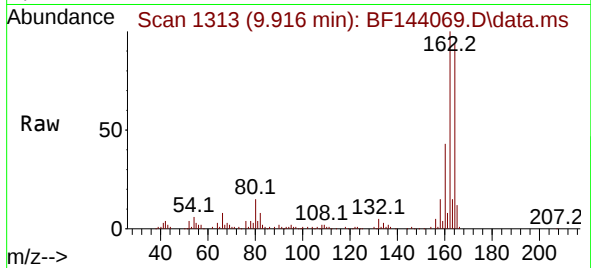
170 22.8 19.0 28.6



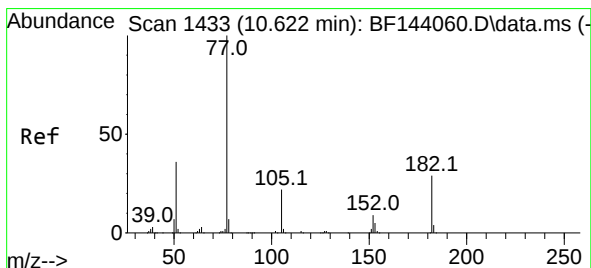
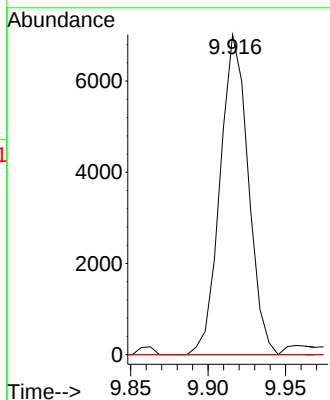
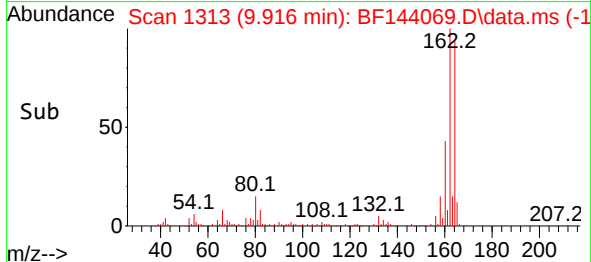


#51
2,6-Dinitrotoluene
Concen: 10.177 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF144069.D
Acq: 24 Oct 2025 19:17

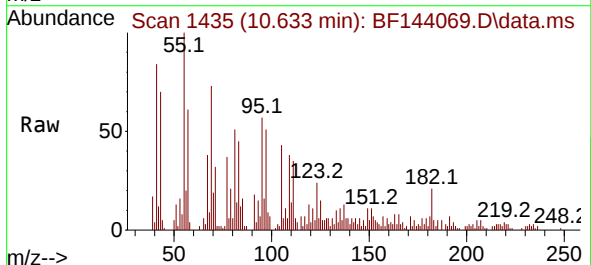
Instrument :
BNA_F
ClientSampleId :



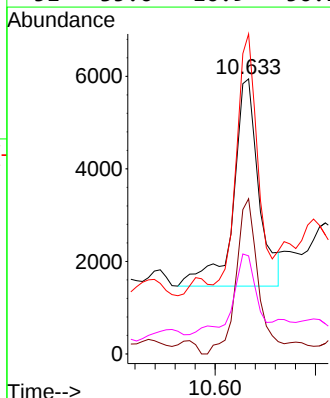
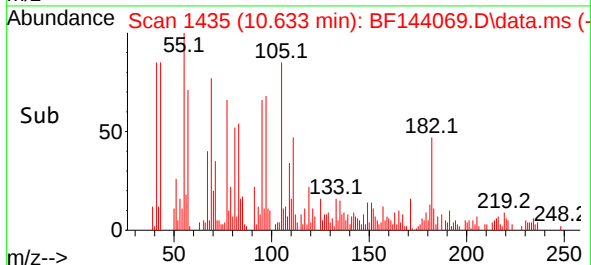
Tgt Ion:165 Resp: 8870
Ion Ratio Lower Upper
165 100
63 0.0 50.4 75.6#
89 0.0 41.4 62.2#

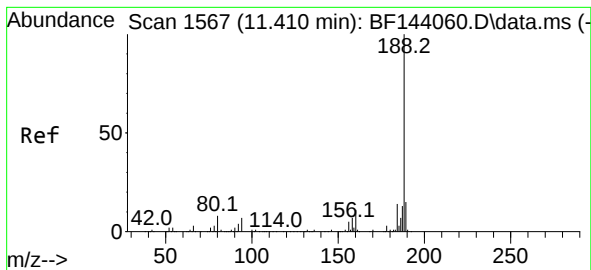


#63
Azobenzene
Concen: 2.030 ng
RT: 10.633 min Scan# 1435
Delta R.T. 0.012 min
Lab File: BF144069.D
Acq: 24 Oct 2025 19:17



Tgt Ion: 77 Resp: 7965
Ion Ratio Lower Upper
77 100
182 56.4 9.0 49.0#
105 116.3 1.4 41.4#
51 35.6 16.9 56.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF144069.D

Acq: 24 Oct 2025 19:17

Instrument :

BNA_F

ClientSampleId :

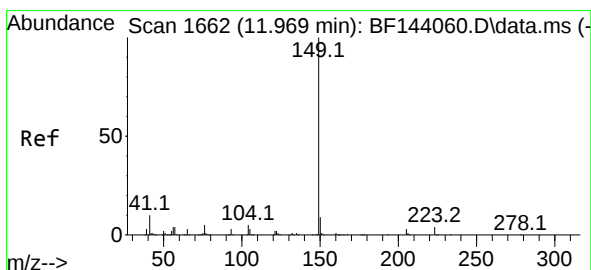
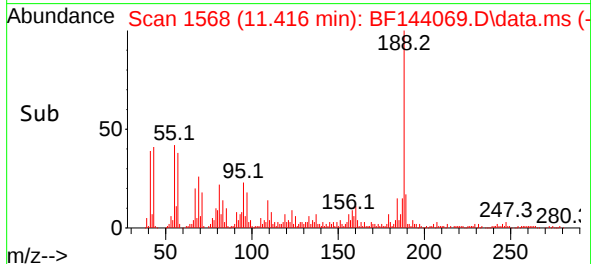
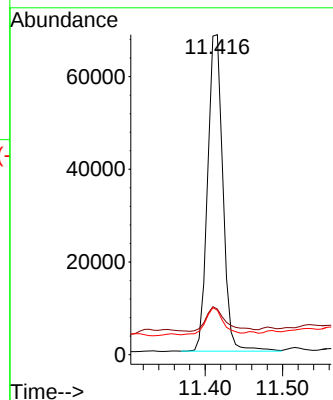
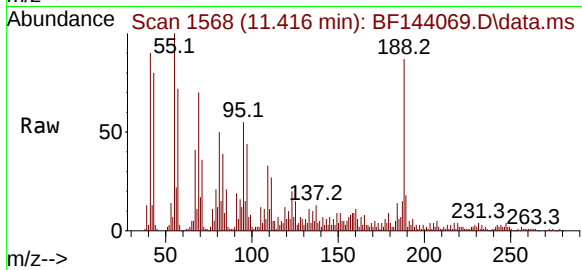
Tgt Ion:188 Resp: 93051

Ion Ratio Lower Upper

188 100

94 14.2 5.4 8.0#

80 13.9 6.0 9.0#



#74

Di-n-butylphthalate

Concen: 2.745 ng

RT: 11.963 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BF144069.D

Acq: 24 Oct 2025 19:17

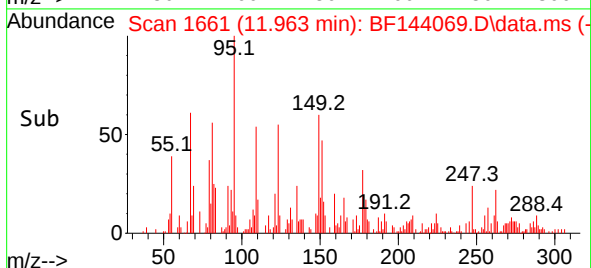
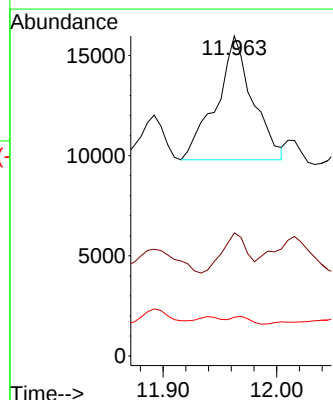
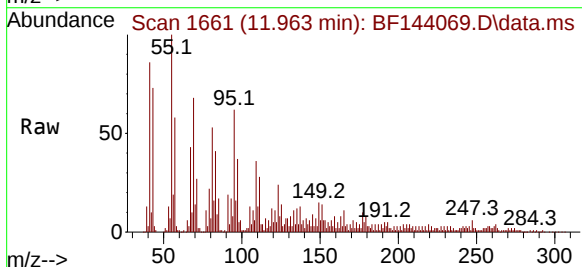
Tgt Ion:149 Resp: 13680

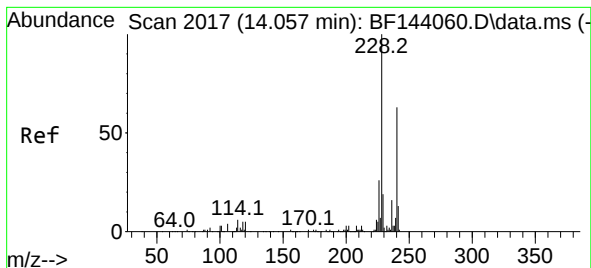
Ion Ratio Lower Upper

149 100

150 38.5 7.3 10.9#

104 12.1 3.6 5.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF144069.D

Acq: 24 Oct 2025 19:17

Instrument :

BNA_F

ClientSampleId :

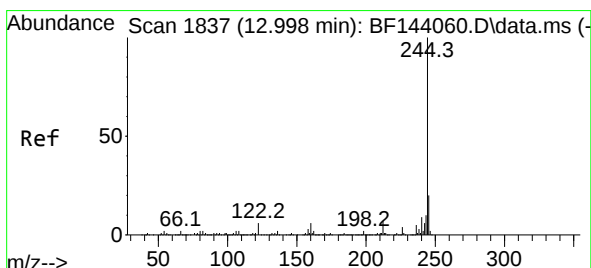
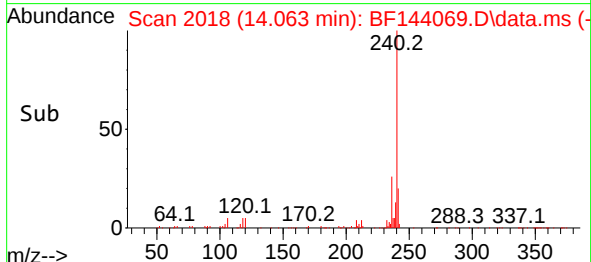
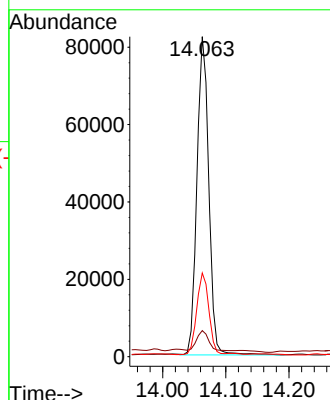
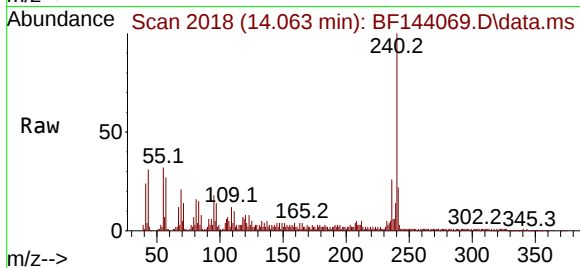
Tgt Ion:240 Resp: 106998

Ion Ratio Lower Upper

240 100

120 8.1 6.5 9.7

236 26.2 20.1 30.1



#79

Terphenyl-d14

Concen: 38.534 ng

RT: 13.004 min Scan# 1838

Delta R.T. 0.006 min

Lab File: BF144069.D

Acq: 24 Oct 2025 19:17

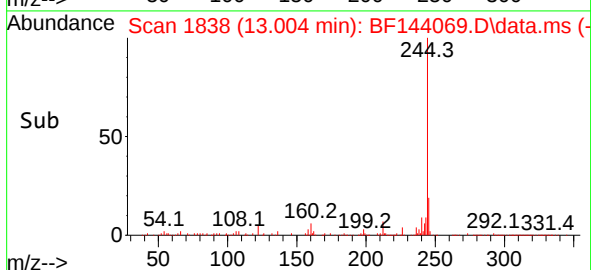
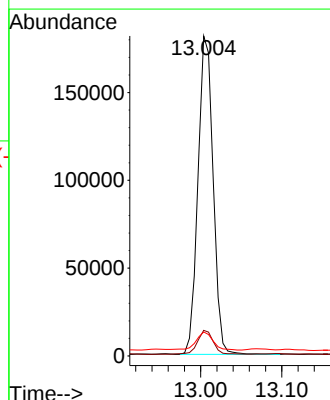
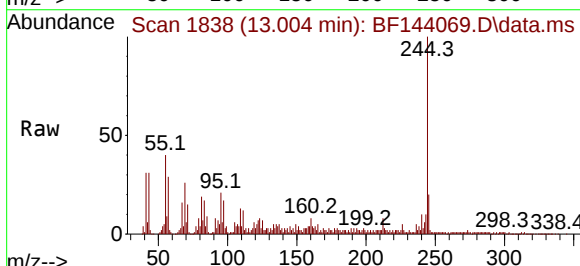
Tgt Ion:244 Resp: 235841

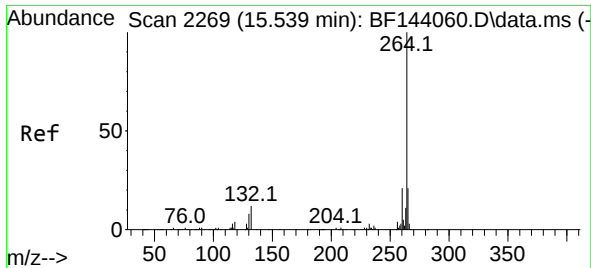
Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.6

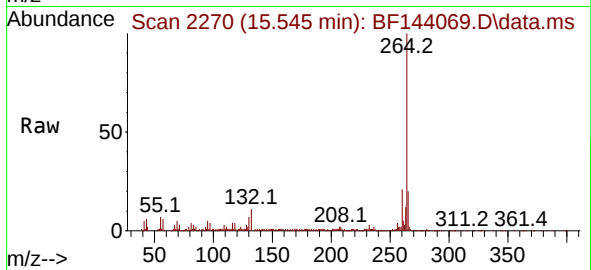
122 7.5 4.9 7.3#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF144069.D
 Acq: 24 Oct 2025 19:17

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 150477
 Ion Ratio Lower Upper
 264 100
 260 20.9 17.0 25.4
 265 20.3 16.6 24.8

