

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141362.D
 Acq On : 03 Feb 2025 11:51
 Operator : RC/JU
 Sample : PB166426BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166426BL

Quant Time: Feb 03 12:18:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

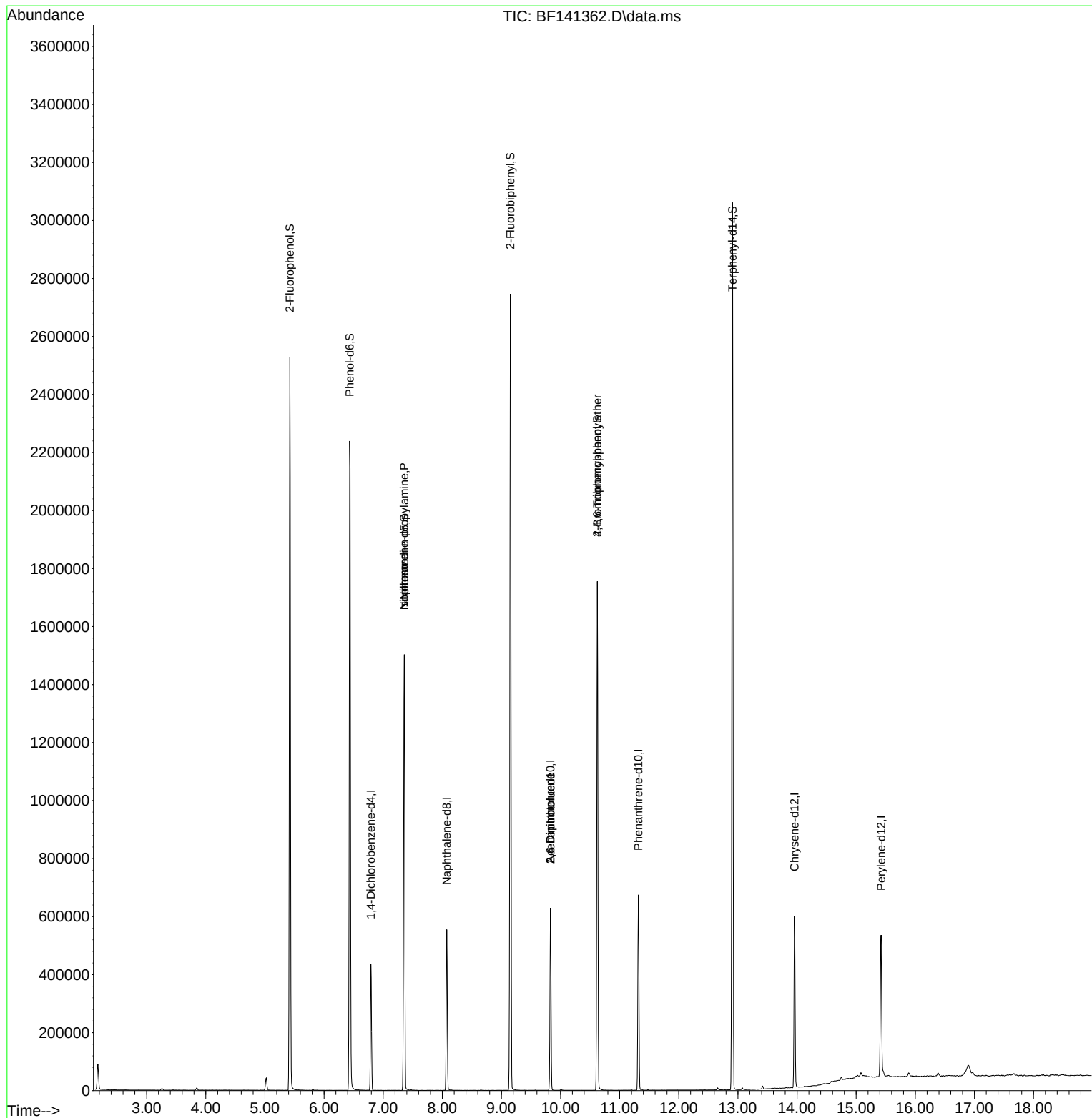
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	87343	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	347606	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	191809	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	337058	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	285942	20.000	ng	-0.02
86) Perylene-d12	15.421	264	281061	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	905850	159.219	ng	0.01
7) Phenol-d6	6.434	99	1034467	142.930	ng	0.00
23) Nitrobenzene-d5	7.357	82	679449	103.042	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	279143	158.744	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1249119	100.237	ng	-0.01
79) Terphenyl-d14	12.910	244	1557840	84.020	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.357	70	90882	21.132	ng	# 77
25) Isophorone	7.357	82	673657	59.102	ng	# 64
51) 2,6-Dinitrotoluene	9.828	165	24631	8.189	ng	# 23
57) 2,4-Dinitrotoluene	9.828	165	24631	6.325	ng	# 23
67) 4-Bromophenyl-phenylether	10.622	248	19160	5.078	ng	# 1

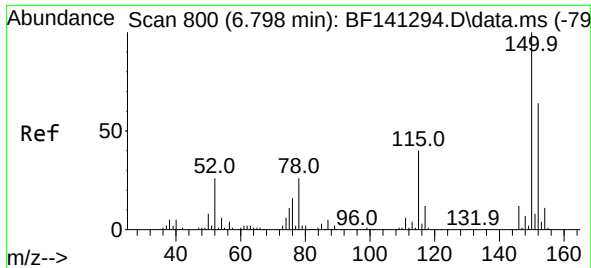
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141362.D
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Operator : RC/JU
Sample : PB166426BL
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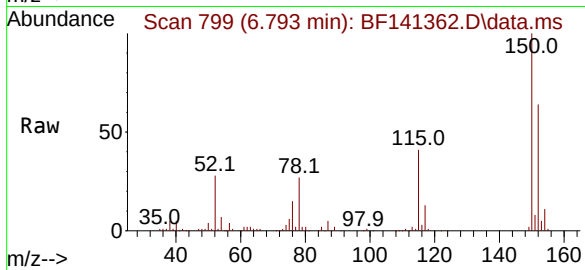
Quant Time: Feb 03 12:18:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
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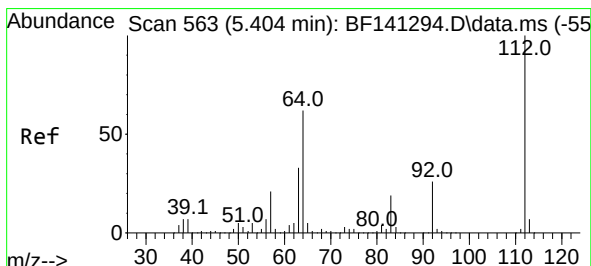
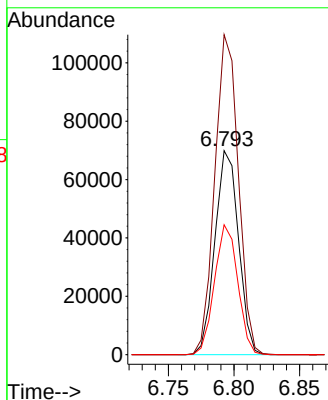
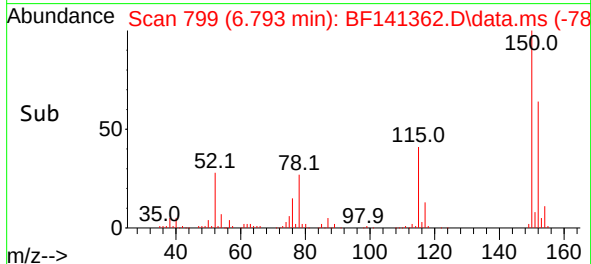


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141362.D
 Acq: 03 Feb 2025 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB166426BL

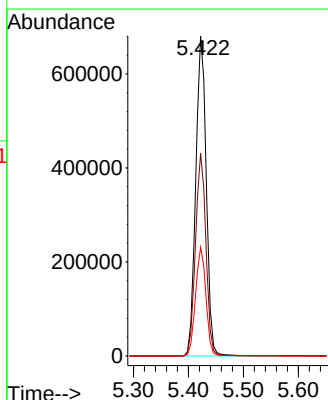
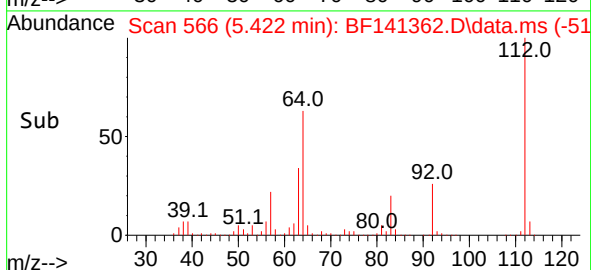
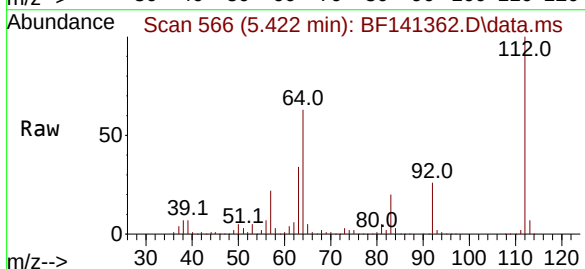


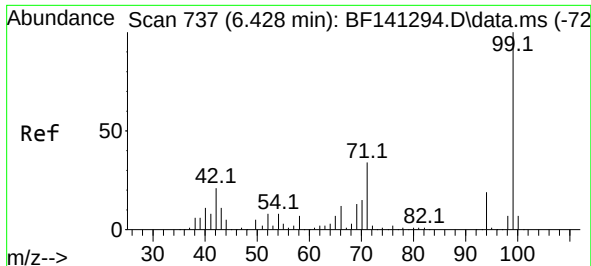
Tgt Ion:152 Resp: 87343
 Ion Ratio Lower Upper
 152 100
 150 156.9 125.9 188.9
 115 63.7 49.7 74.5



#5
 2-Fluorophenol
 Concen: 159.219 ng
 RT: 5.422 min Scan# 566
 Delta R.T. 0.012 min
 Lab File: BF141362.D
 Acq: 03 Feb 2025 11:51

Tgt Ion:112 Resp: 905850
 Ion Ratio Lower Upper
 112 100
 64 63.3 49.8 74.8
 63 34.0 26.1 39.1





#7

Phenol-d6

Concen: 142.930 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141362.D

Acq: 03 Feb 2025 11:51

Instrument :

BNA_F

ClientSampleId :

PB166426BL

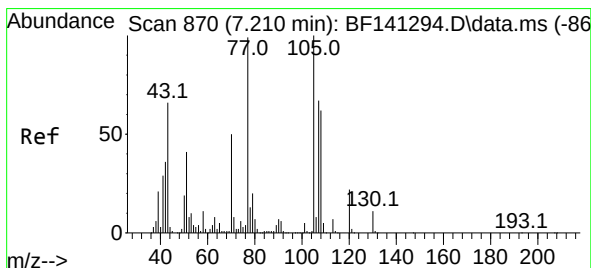
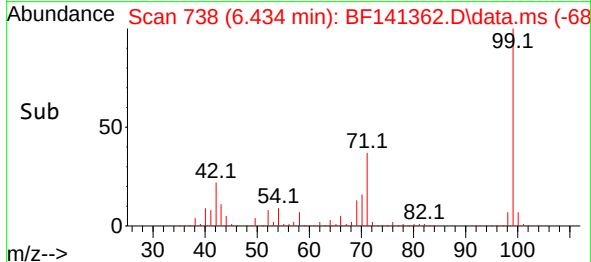
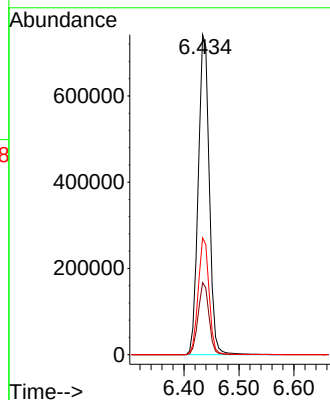
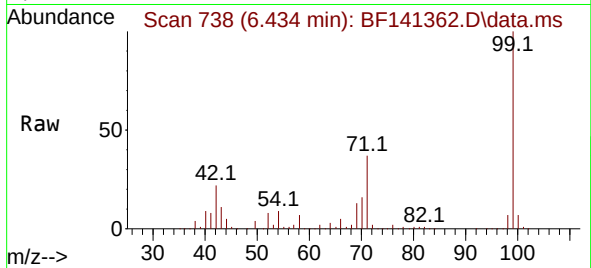
Tgt Ion: 99 Resp: 1034467

Ion Ratio Lower Upper

99 100

42 22.5 17.1 25.7

71 36.5 26.9 40.3



#19

n-Nitroso-di-n-propylamine

Concen: 21.132 ng

RT: 7.357 min Scan# 895

Delta R.T. 0.129 min

Lab File: BF141362.D

Acq: 03 Feb 2025 11:51

Tgt Ion: 70 Resp: 90882

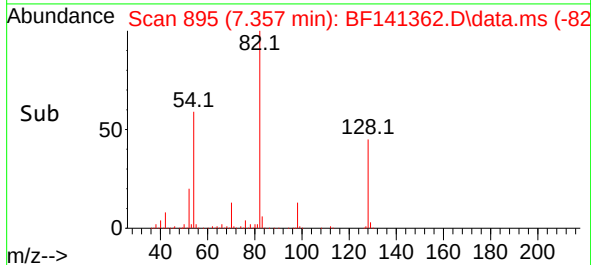
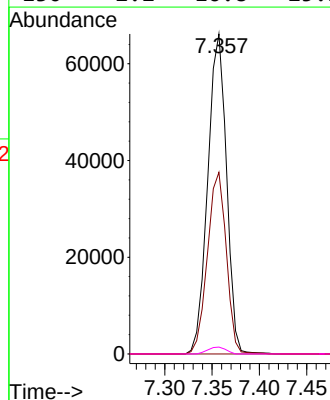
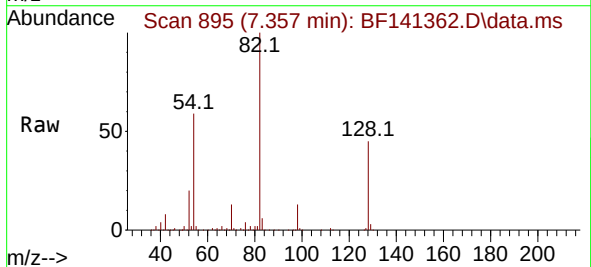
Ion Ratio Lower Upper

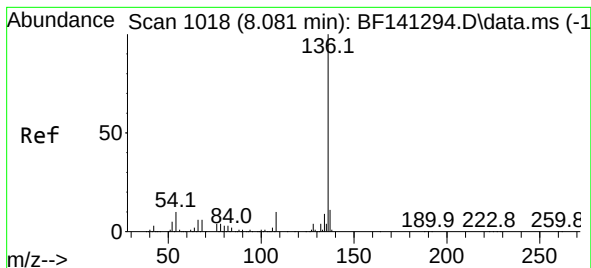
70 100

42 56.7 56.8 85.2#

101 0.0 7.7 11.5#

130 2.2 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141362.D

Acq: 03 Feb 2025 11:51

Instrument :

BNA_F

ClientSampleId :

PB166426BL

Tgt Ion:136 Resp: 347606

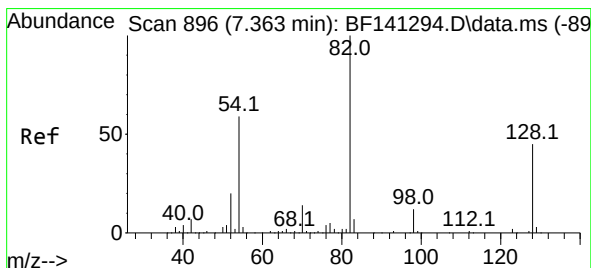
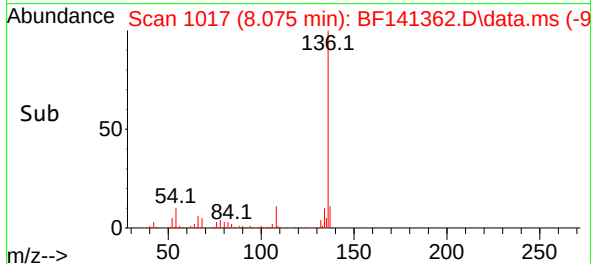
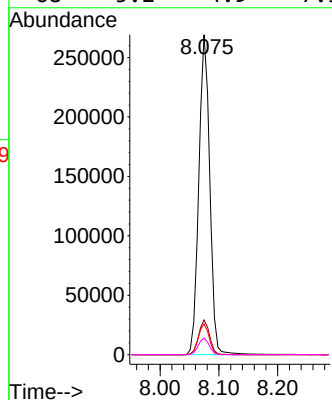
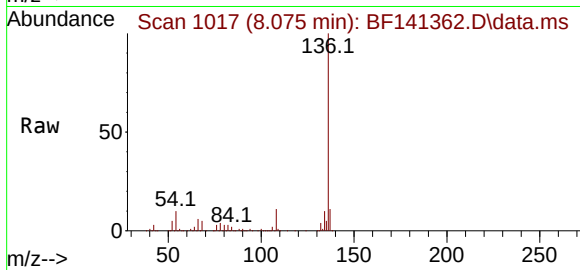
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 9.6 7.8 11.8

68 5.2 4.9 7.3



#23

Nitrobenzene-d5

Concen: 103.042 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141362.D

Acq: 03 Feb 2025 11:51

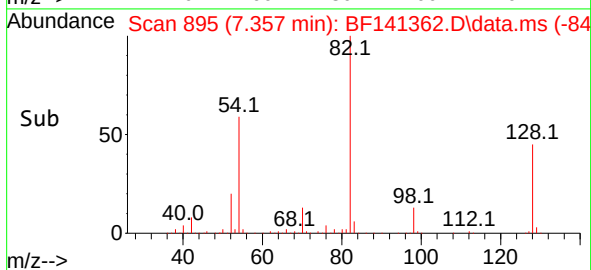
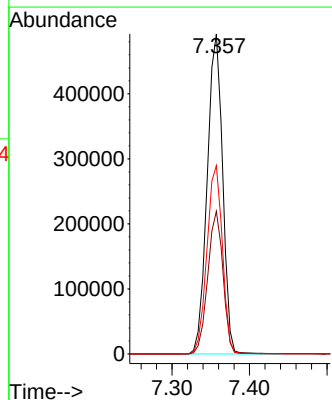
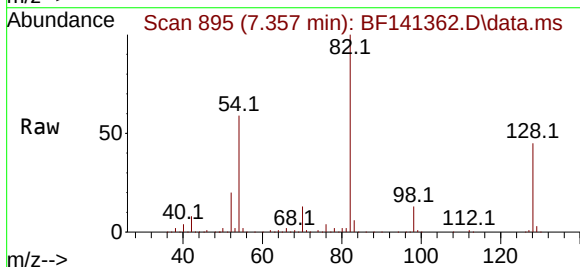
Tgt Ion: 82 Resp: 679449

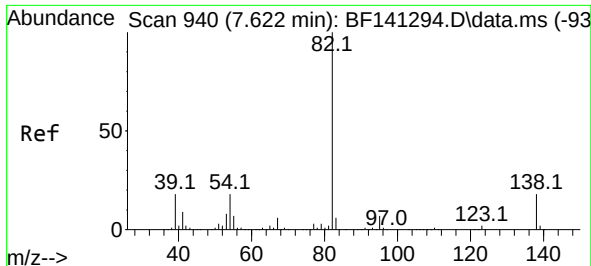
Ion Ratio Lower Upper

82 100

128 44.6 35.7 53.5

54 58.9 47.1 70.7

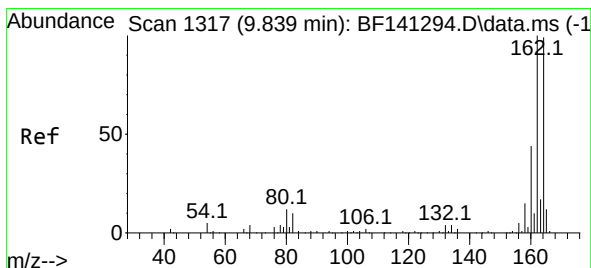
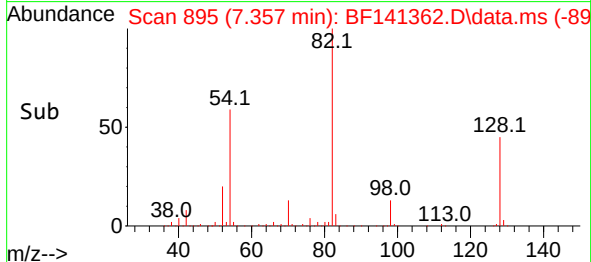
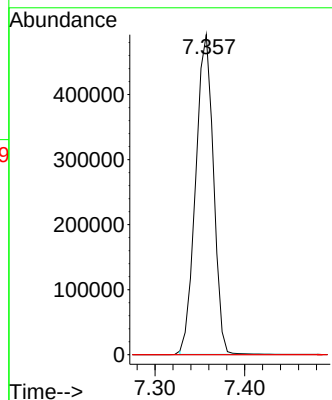
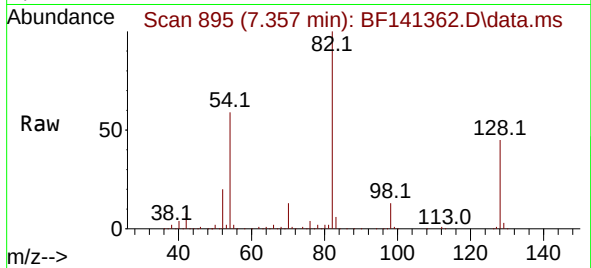




#25
Isophorone
Concen: 59.102 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF141362.D
Acq: 03 Feb 2025 11:51

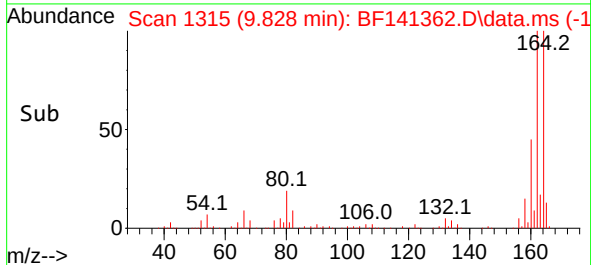
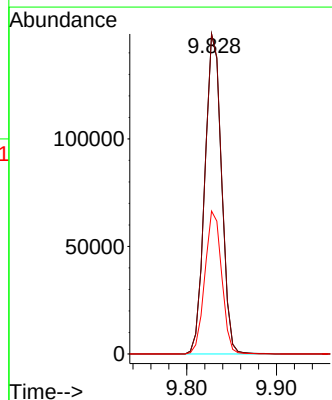
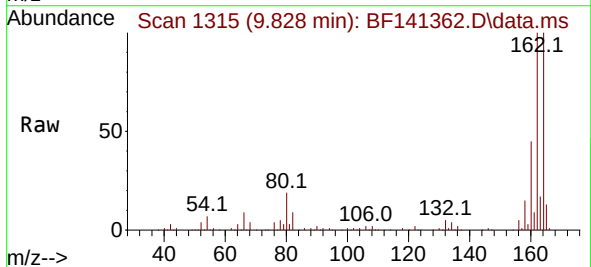
Instrument :
BNA_F
ClientSampleId :
PB166426BL

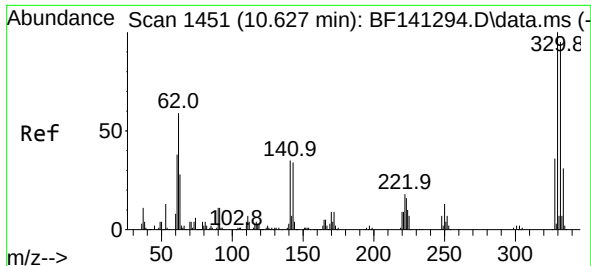
Tgt Ion: 82 Resp: 673657
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141362.D
Acq: 03 Feb 2025 11:51

Tgt Ion:164 Resp: 191809
Ion Ratio Lower Upper
164 100
162 100.0 80.6 121.0
160 44.7 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 158.744 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF141362.D

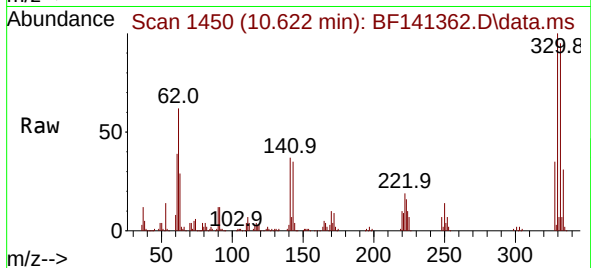
Acq: 03 Feb 2025 11:51

Instrument :

BNA_F

ClientSampleId :

PB166426BL



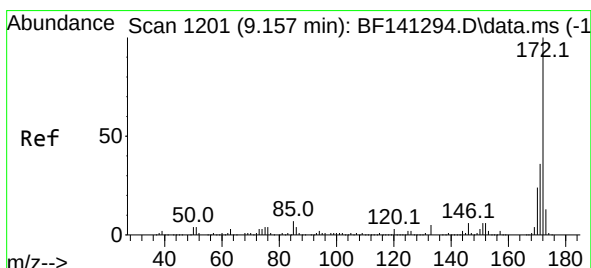
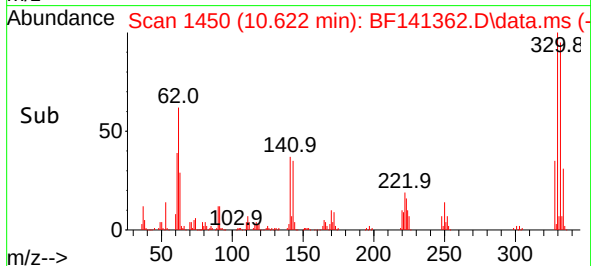
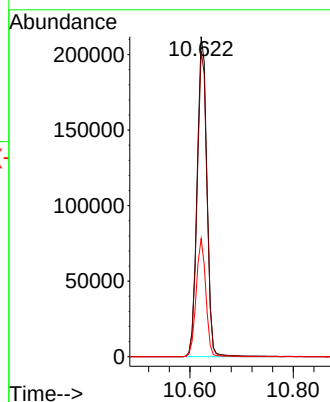
Tgt Ion:330 Resp: 279143

Ion Ratio Lower Upper

330 100

332 95.6 76.1 114.1

141 36.2 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 100.237 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF141362.D

Acq: 03 Feb 2025 11:51

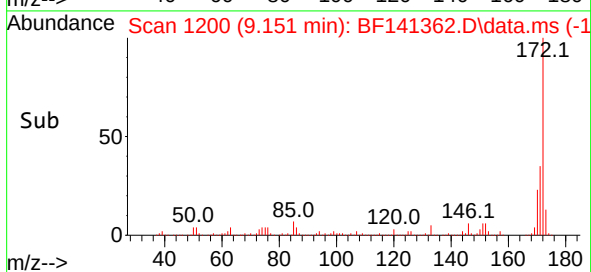
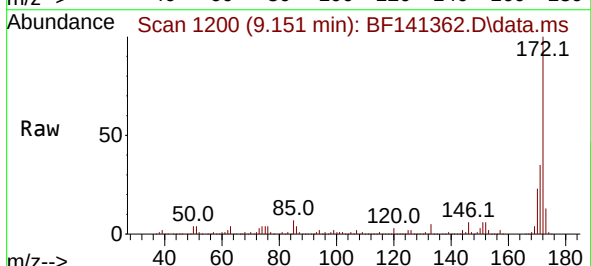
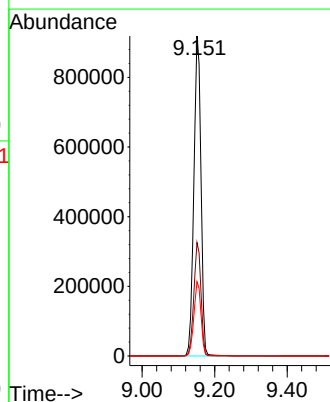
Tgt Ion:172 Resp: 1249119

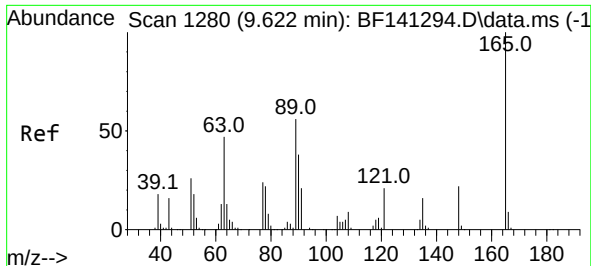
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.2 19.0 28.6

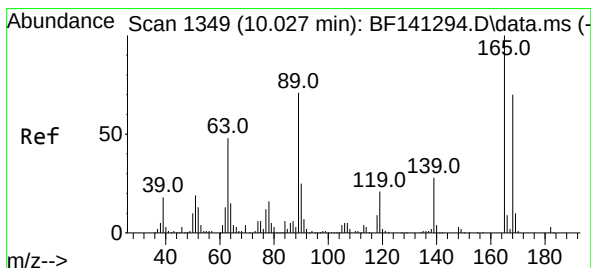
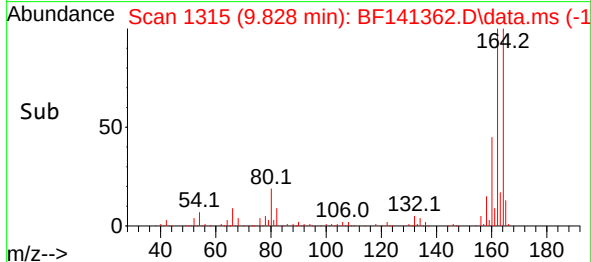
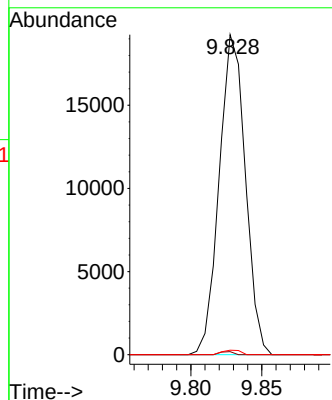
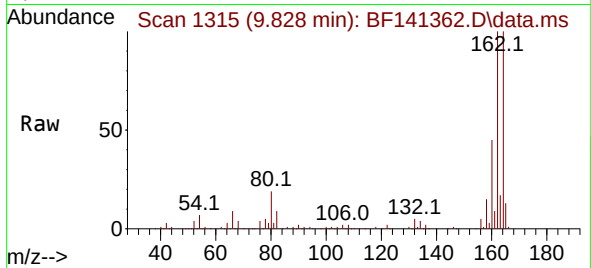




#51
2,6-Dinitrotoluene
Concen: 8.189 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF141362.D
Acq: 03 Feb 2025 11:51

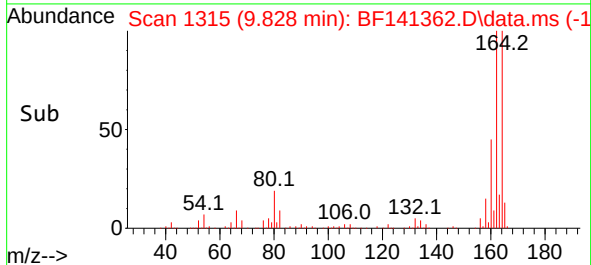
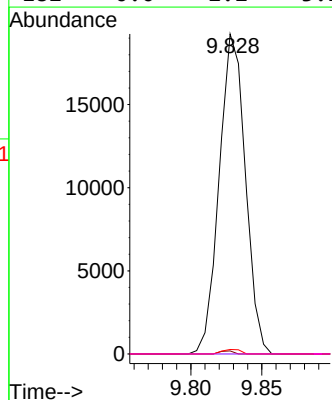
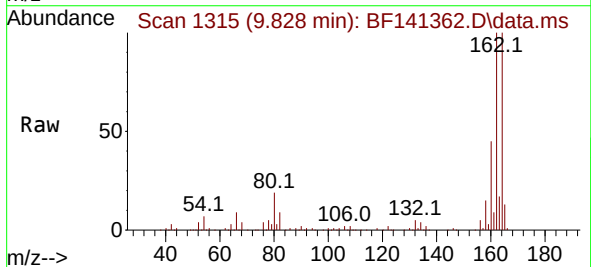
Instrument :
BNA_F
ClientSampleId :
PB166426BL

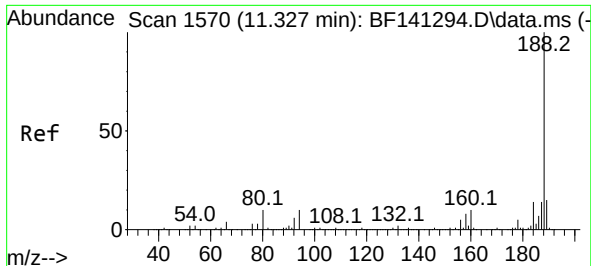
Tgt Ion:165 Resp: 24631
Ion Ratio Lower Upper
165 100
63 1.0 48.1 72.1#
89 1.4 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 6.325 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF141362.D
Acq: 03 Feb 2025 11:51

Tgt Ion:165 Resp: 24631
Ion Ratio Lower Upper
165 100
63 1.0 39.2 58.8#
89 1.4 56.9 85.3#
182 0.0 2.2 3.2#

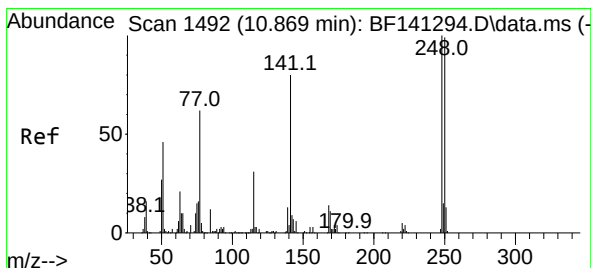
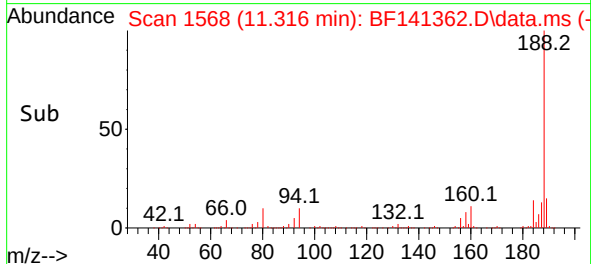
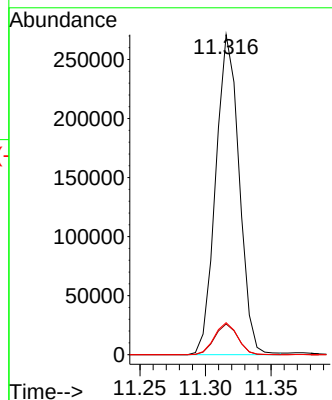
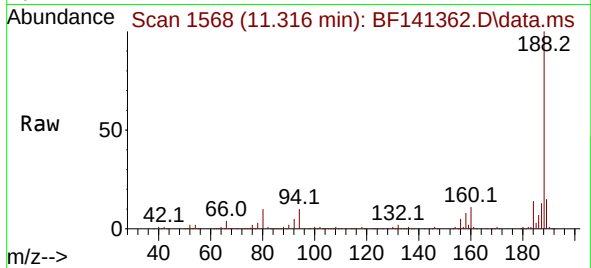




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141362.D
Acq: 03 Feb 2025 11:51

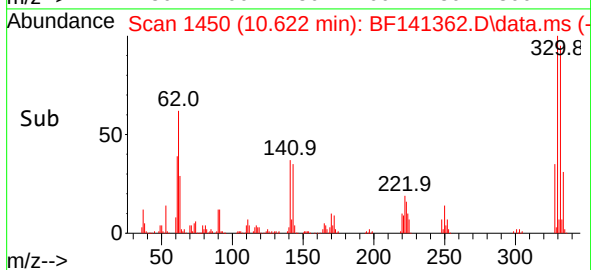
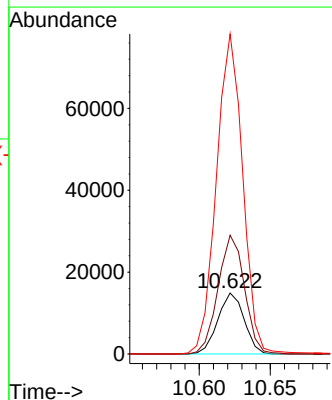
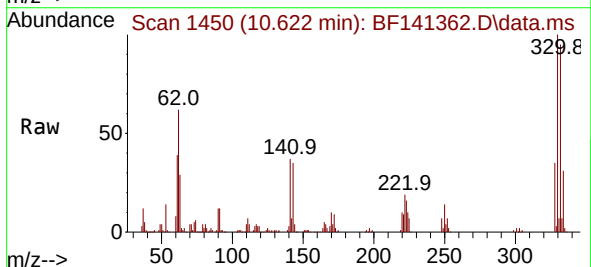
Instrument :
BNA_F
ClientSampleId :
PB166426BL

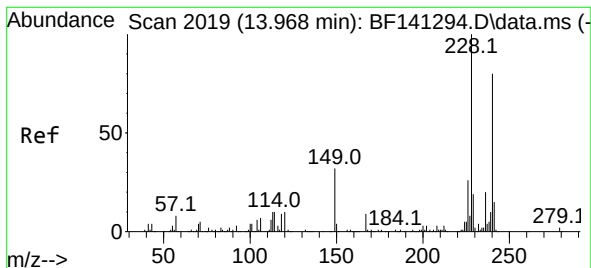
Tgt Ion:188 Resp: 337058
Ion Ratio Lower Upper
188 100
94 9.6 7.8 11.6
80 10.0 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 5.078 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF141362.D
Acq: 03 Feb 2025 11:51

Tgt Ion:248 Resp: 19160
Ion Ratio Lower Upper
248 100
250 194.6 79.0 118.4#
141 524.5 63.7 95.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2019

Delta R.T. -0.018 min

Lab File: BF141362.D

Acq: 03 Feb 2025 11:51

Instrument :

BNA_F

ClientSampleId :

PB166426BL

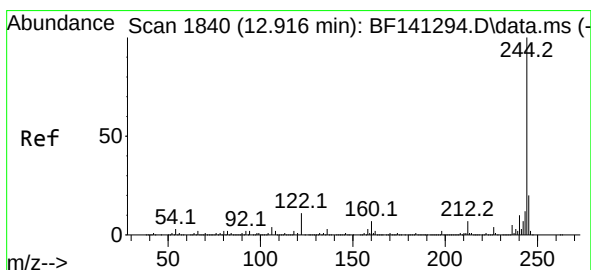
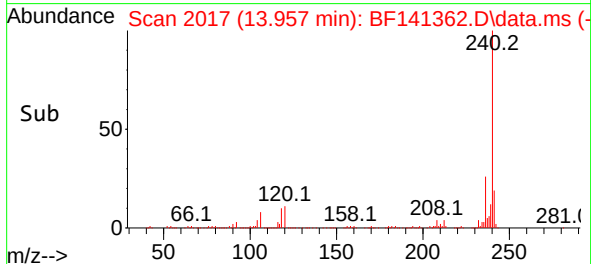
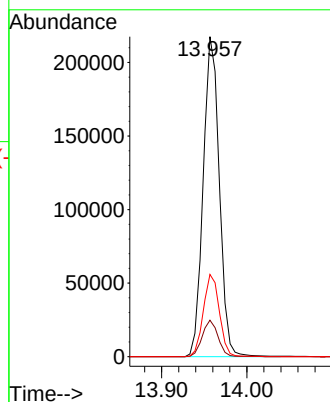
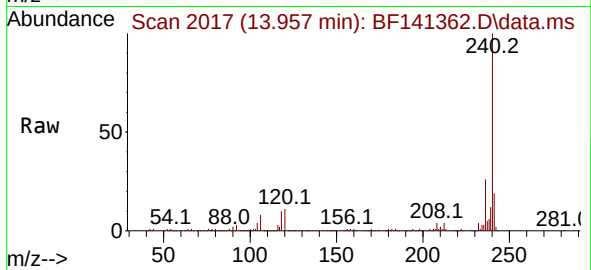
Tgt Ion:240 Resp: 285942

Ion Ratio Lower Upper

240 100

120 11.4 10.0 15.0

236 25.7 19.7 29.5



#79

Terphenyl-d14

Concen: 84.020 ng

RT: 12.910 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF141362.D

Acq: 03 Feb 2025 11:51

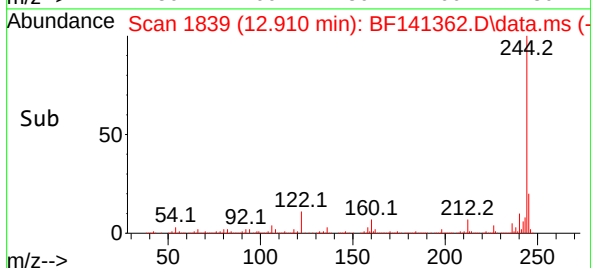
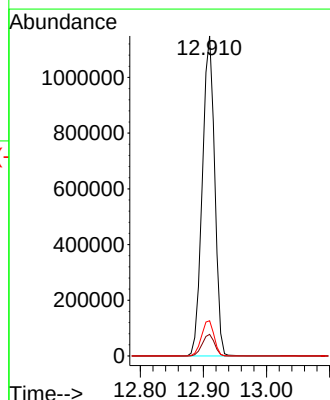
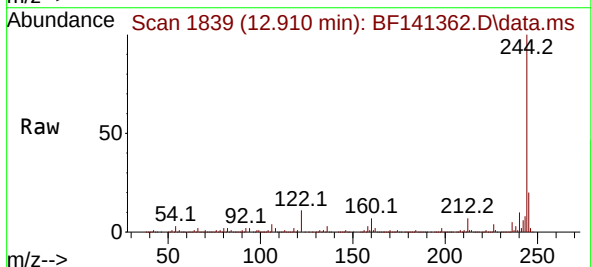
Tgt Ion:244 Resp: 1557840

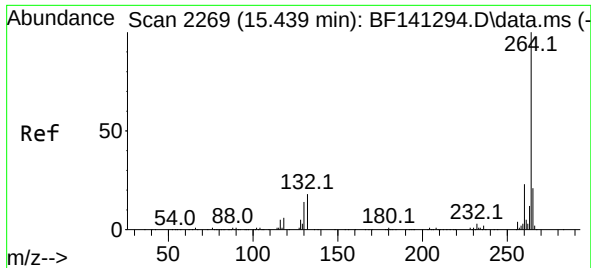
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

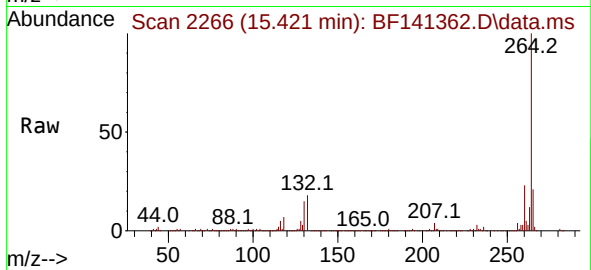
122 11.0 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF141362.D
Acq: 03 Feb 2025 11:51

Instrument :
BNA_F
ClientSampleId :
PB166426BL



Tgt Ion:264 Resp: 281061
Ion Ratio Lower Upper
264 100
260 23.1 18.6 27.8
265 21.0 16.7 25.1

