

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
 Data File : BF141961.D
 Acq On : 14 Mar 2025 13:11
 Operator : RC/JU
 Sample : Q1566-01 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CTWK-COMP

Quant Time: Mar 14 13:30:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

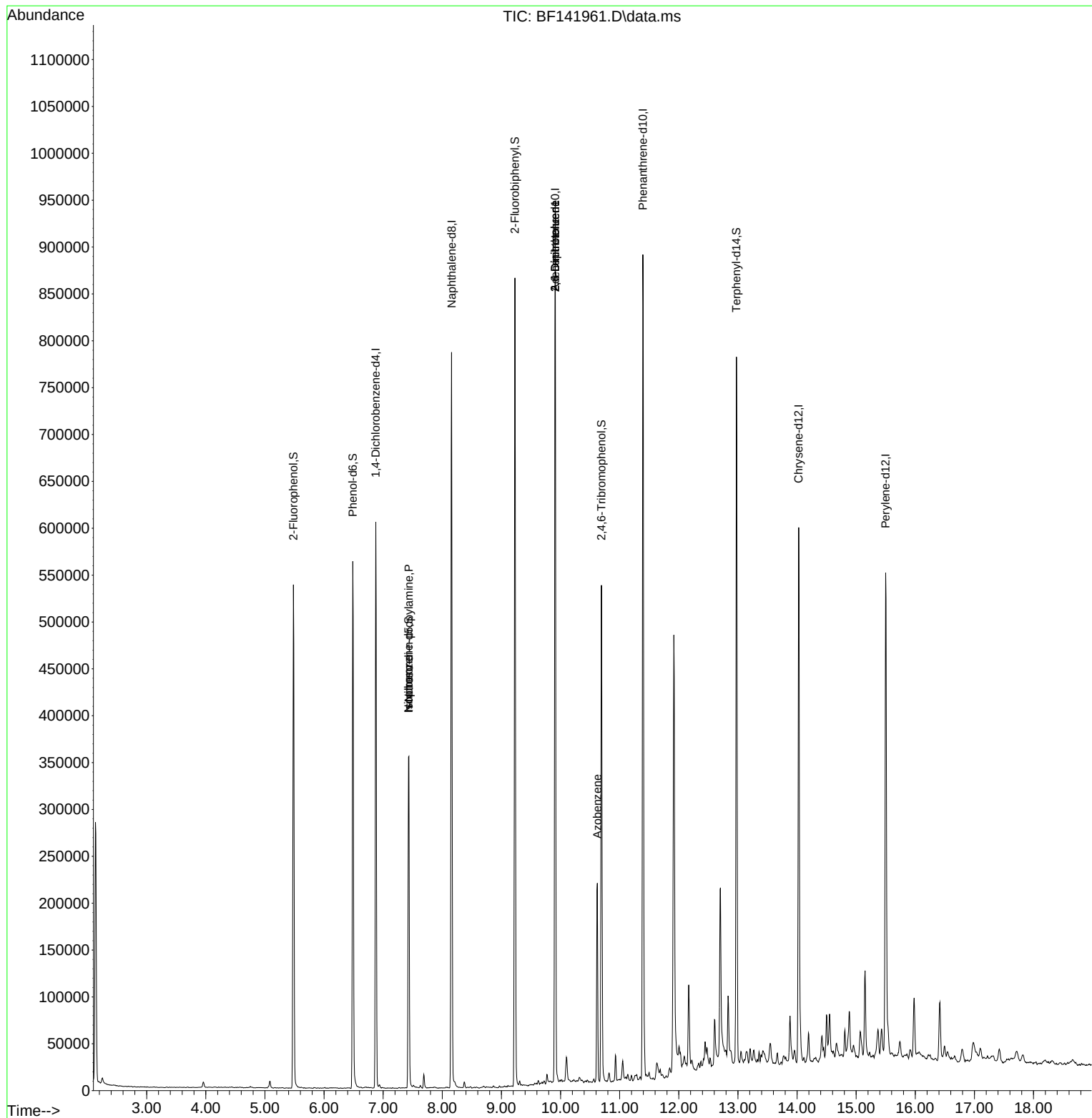
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	125501	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	504232	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	277347	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	459275	20.000	ng	-0.01
76) Chrysene-d12	14.027	240	267195	20.000	ng	-0.01
86) Perylene-d12	15.498	264	306676	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	205612	27.343	ng	-0.01
7) Phenol-d6	6.487	99	263636	27.536	ng	-0.02
23) Nitrobenzene-d5	7.428	82	169542	18.922	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	90020	25.585	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	372615	20.432	ng	-0.01
79) Terphenyl-d14	12.975	244	367801	20.351	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	21886	3.558	ng	# 77
25) Isophorone	7.428	82	163902	10.348	ng	# 64
51) 2,6-Dinitrotoluene	9.910	165	36397	9.001	ng	# 23
57) 2,4-Dinitrotoluene	9.910	165	36397	6.891	ng	# 24
63) Azobenzene	10.622	77	56449	3.135	ng	# 1

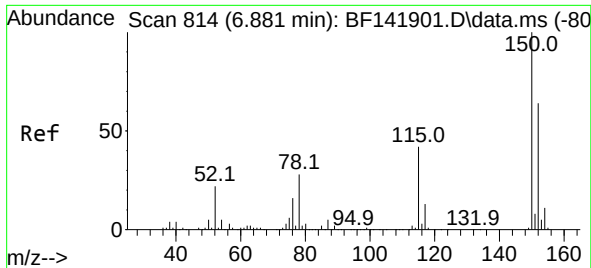
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
Data File : BF141961.D
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Operator : RC/JU
Sample : Q1566-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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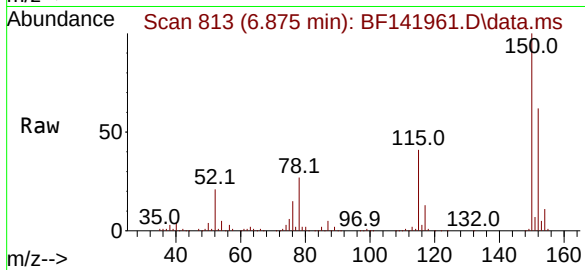
Quant Time: Mar 14 13:30:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



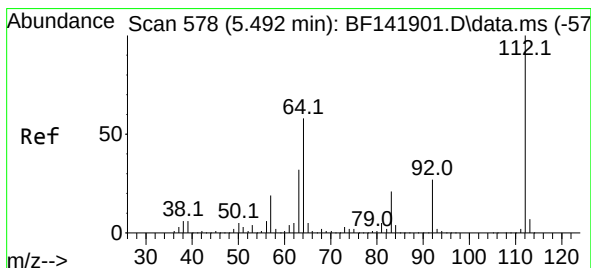
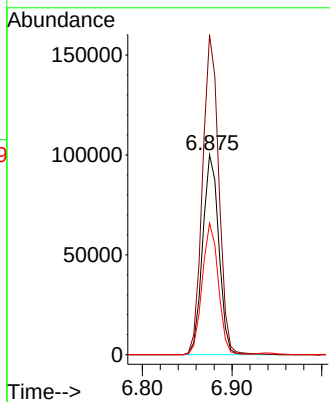
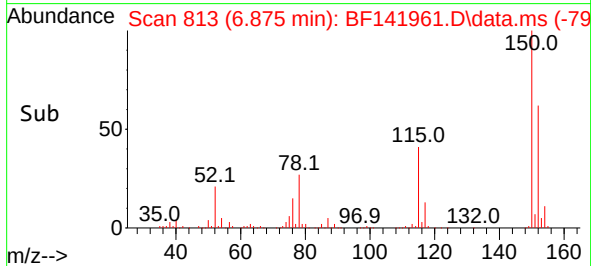


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF141961.D
Acq: 14 Mar 2025 13:11

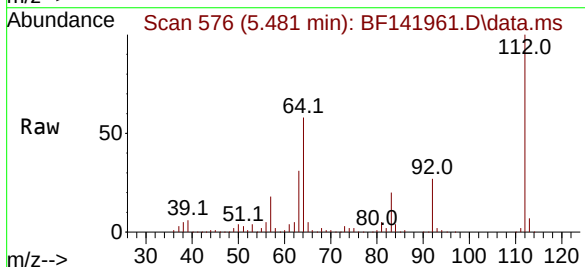
Instrument :
BNA_F
ClientSampleId :
CTWK-COMP



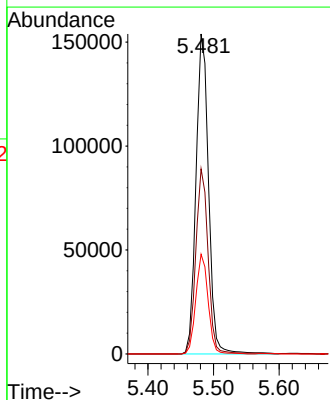
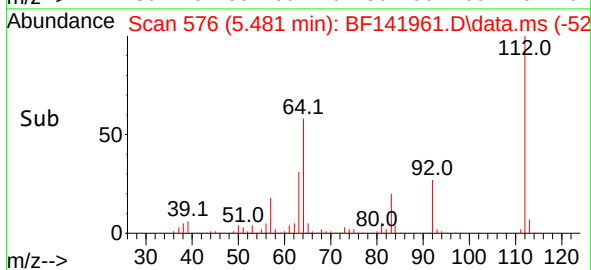
Tgt Ion:152 Resp: 125501
Ion Ratio Lower Upper
152 100
150 160.0 127.4 191.2
115 65.8 51.9 77.9

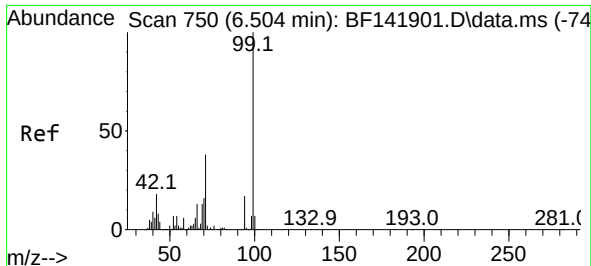


#5
2-Fluorophenol
Concen: 27.343 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF141961.D
Acq: 14 Mar 2025 13:11



Tgt Ion:112 Resp: 205612
Ion Ratio Lower Upper
112 100
64 57.9 46.5 69.7
63 31.1 25.4 38.2

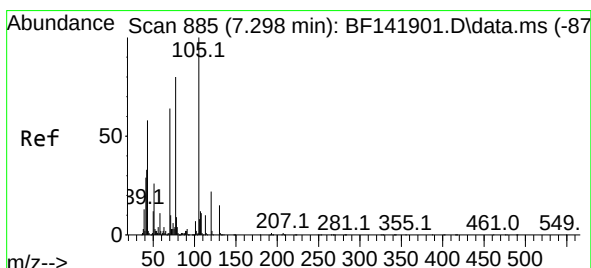
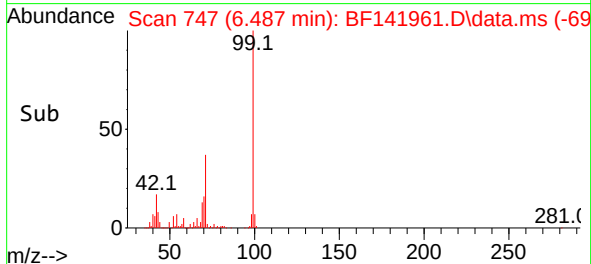
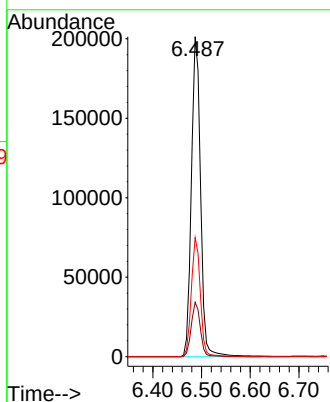
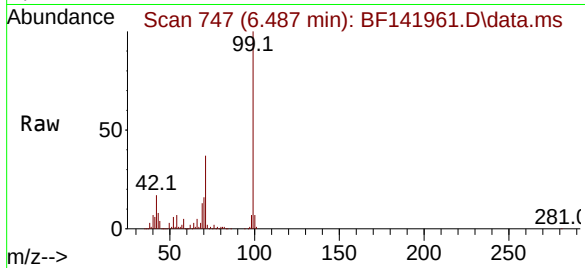




#7
Phenol-d6
Concen: 27.536 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.017 min
Lab File: BF141961.D
Acq: 14 Mar 2025 13:11

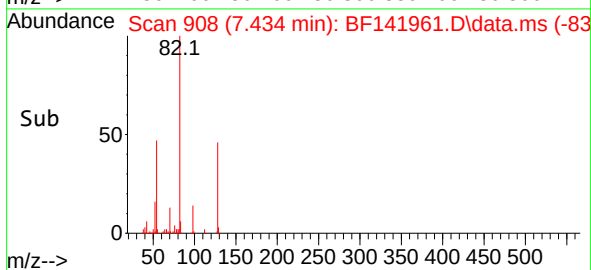
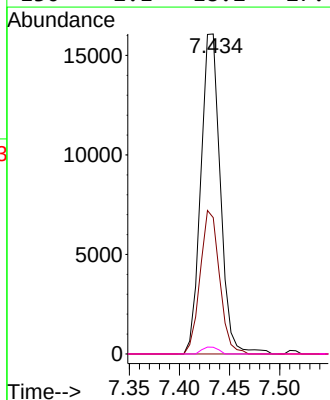
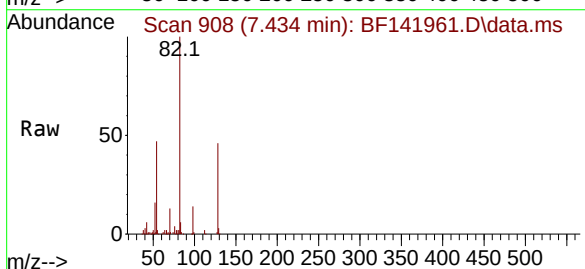
Instrument :
BNA_F
ClientSampleId :
CTWK-COMP

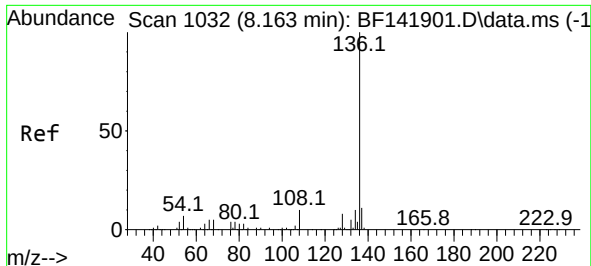
Tgt Ion: 99 Resp: 263636
Ion Ratio Lower Upper
99 100
42 17.0 14.6 21.8
71 37.2 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 3.558 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF141961.D
Acq: 14 Mar 2025 13:11

Tgt Ion: 70 Resp: 21886
Ion Ratio Lower Upper
70 100
42 42.6 41.4 62.0
101 0.0 8.2 12.2#
130 2.1 18.2 27.4#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF141961.D
Acq: 14 Mar 2025 13:11

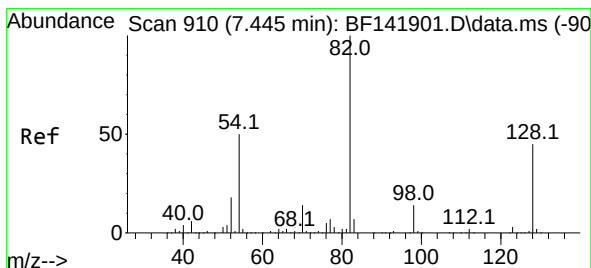
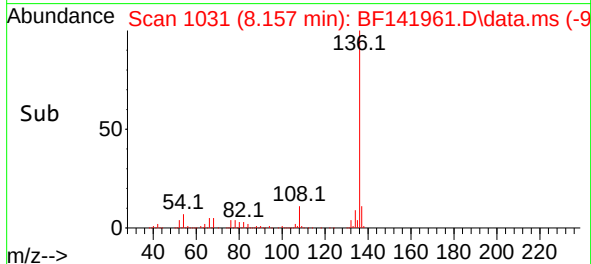
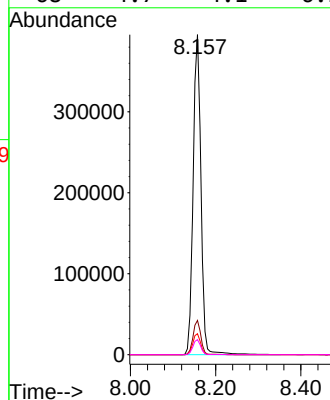
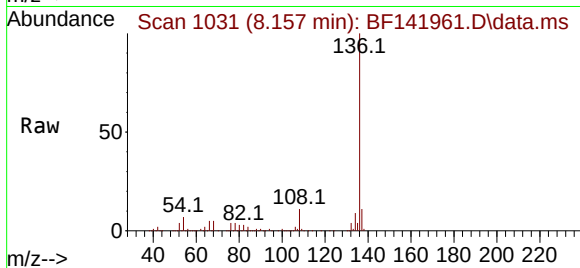
Instrument :

BNA_F

ClientSampleId :

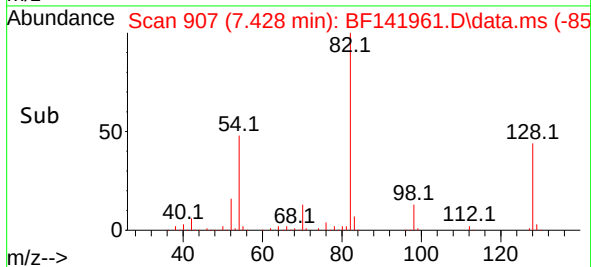
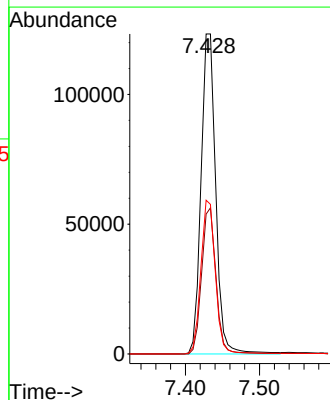
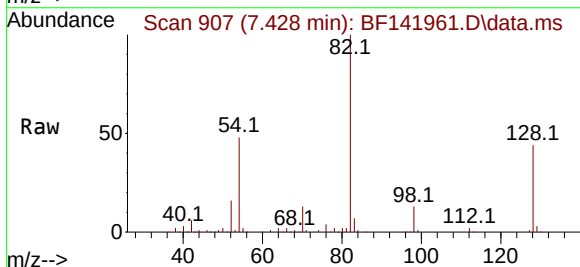
CTWK-COMP

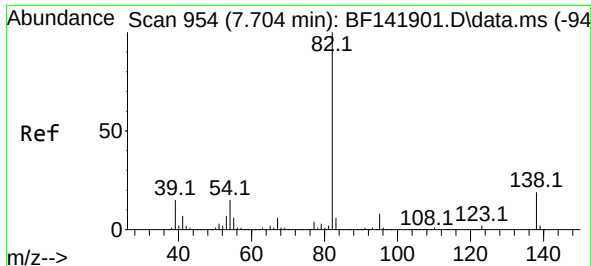
Tgt Ion:136 Resp: 504232
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.6 5.8 8.8
68 4.7 4.1 6.1



#23
Nitrobenzene-d5
Concen: 18.922 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.017 min
Lab File: BF141961.D
Acq: 14 Mar 2025 13:11

Tgt Ion: 82 Resp: 169542
Ion Ratio Lower Upper
82 100
128 43.7 36.0 54.0
54 48.0 39.6 59.4

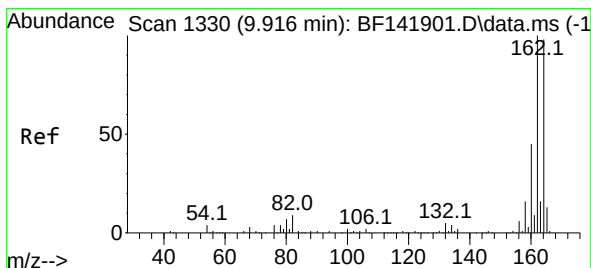
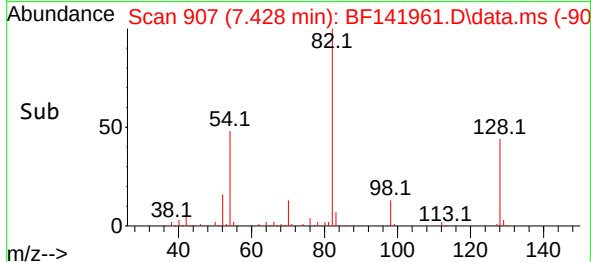
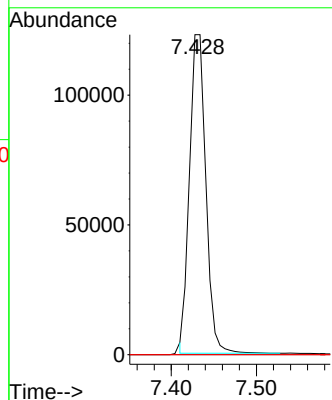
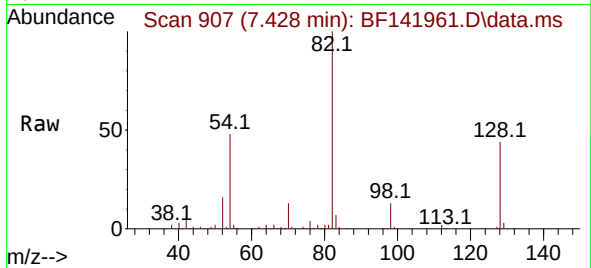




#25
Isophorone
Concen: 10.348 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.276 min
Lab File: BF141961.D
Acq: 14 Mar 2025 13:11

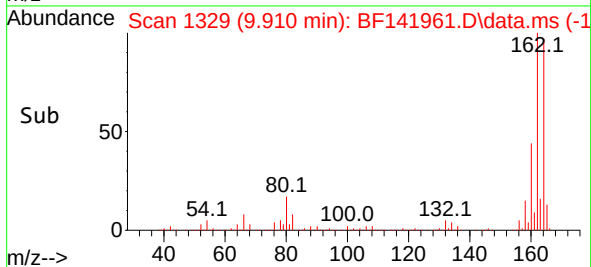
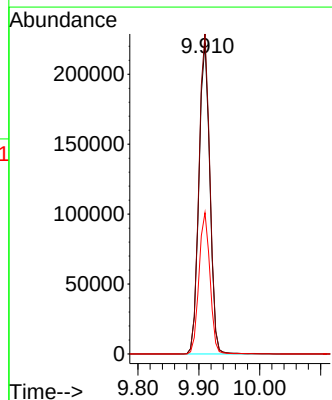
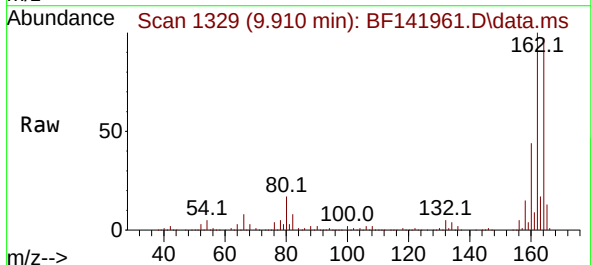
Instrument :
BNA_F
ClientSampleId :
CTWK-COMP

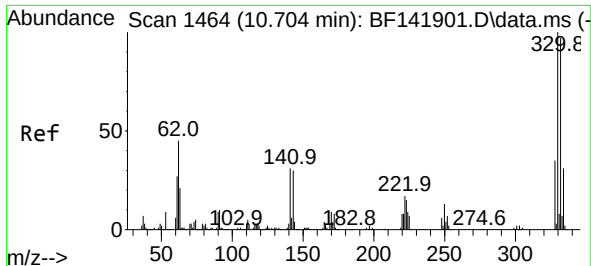
Tgt Ion: 82 Resp: 163902
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF141961.D
Acq: 14 Mar 2025 13:11

Tgt Ion:164 Resp: 277347
Ion Ratio Lower Upper
164 100
162 102.8 81.8 122.6
160 45.4 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 25.585 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF141961.D

Acq: 14 Mar 2025 13:11

Instrument :

BNA_F

ClientSampleId :

CTWK-COMP

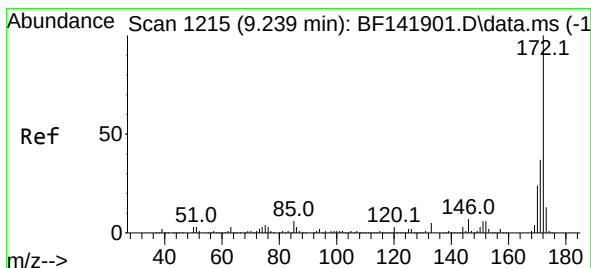
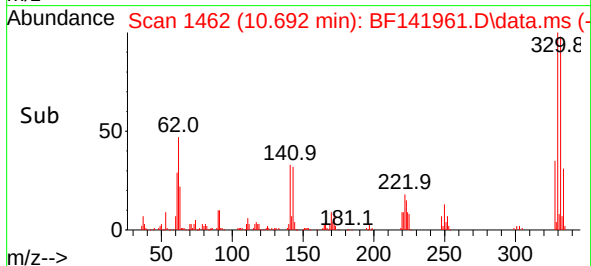
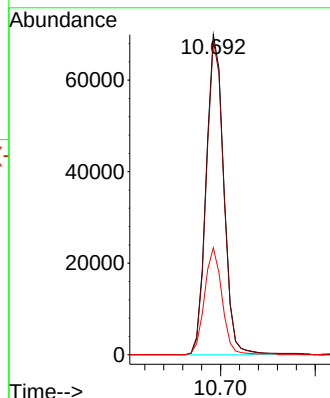
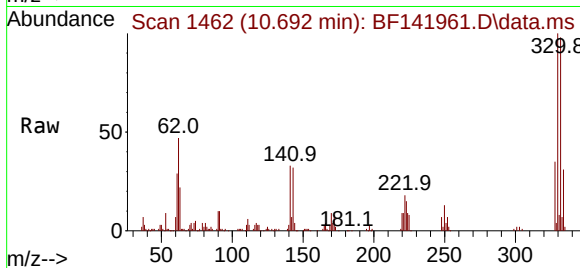
Tgt Ion:330 Resp: 90020

Ion Ratio Lower Upper

330 100

332 98.5 77.6 116.4

141 33.4 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 20.432 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF141961.D

Acq: 14 Mar 2025 13:11

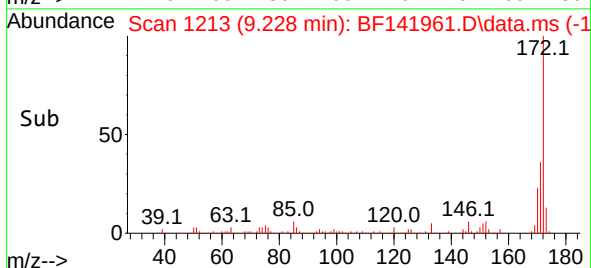
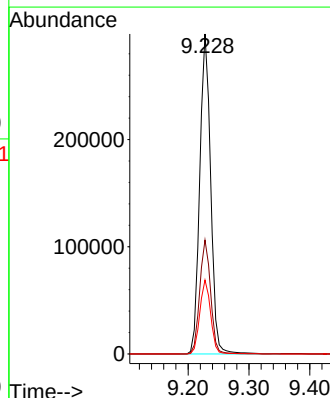
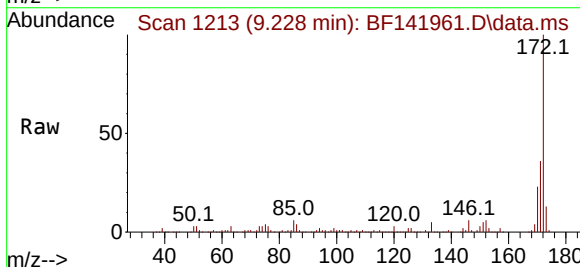
Tgt Ion:172 Resp: 372615

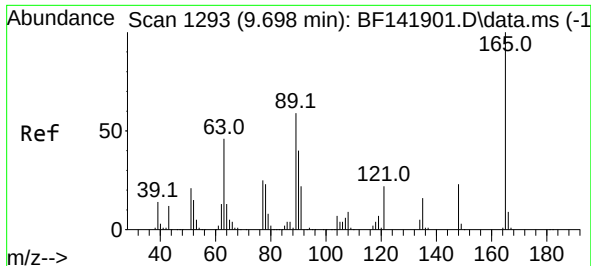
Ion Ratio Lower Upper

172 100

171 35.6 29.3 43.9

170 23.1 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 9.001 ng

RT: 9.910 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF141961.D

Acq: 14 Mar 2025 13:11

Instrument :

BNA_F

ClientSampleId :

CTWK-COMP

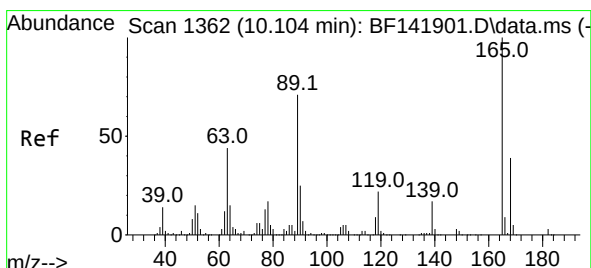
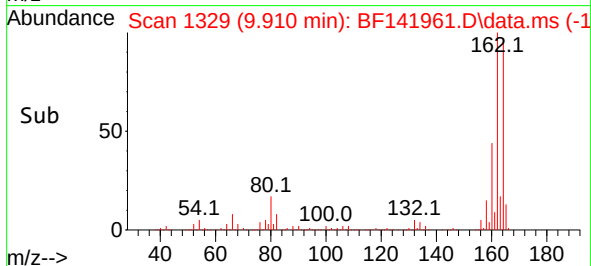
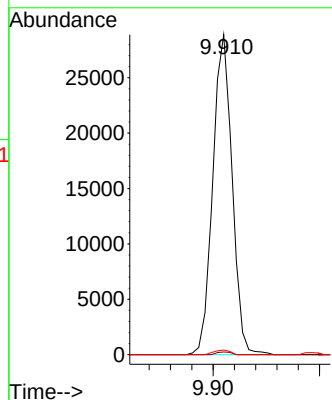
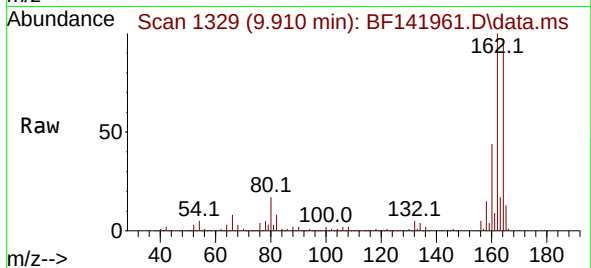
Tgt Ion:165 Resp: 36397

Ion Ratio Lower Upper

165 100

63 0.8 47.0 70.4#

89 1.4 47.4 71.2#



#57

2,4-Dinitrotoluene

Concen: 6.891 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.194 min

Lab File: BF141961.D

Acq: 14 Mar 2025 13:11

Tgt Ion:165 Resp: 36397

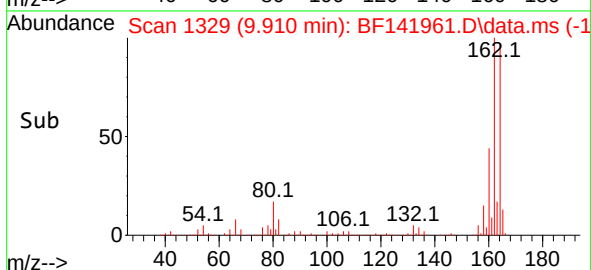
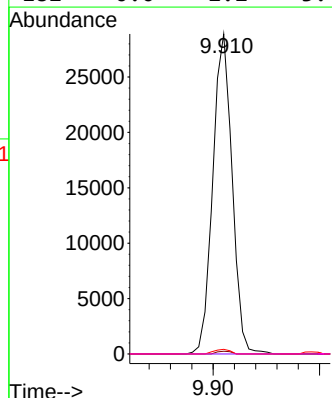
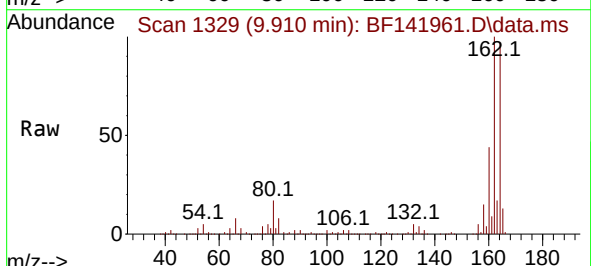
Ion Ratio Lower Upper

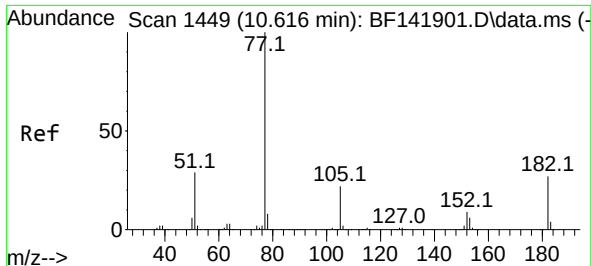
165 100

63 0.8 35.4 53.2#

89 1.4 56.6 84.8#

182 0.0 2.2 3.4#

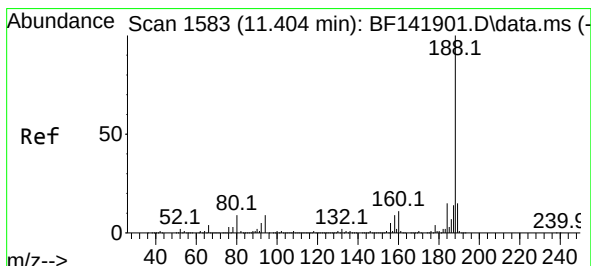
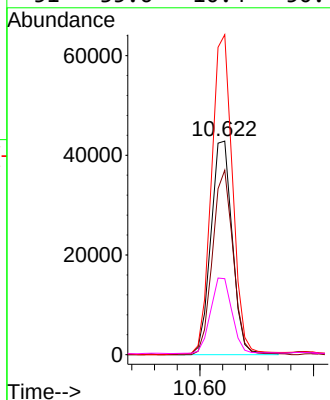
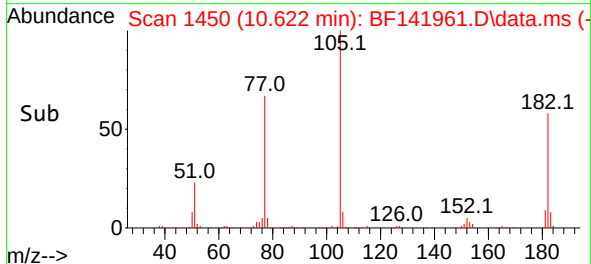
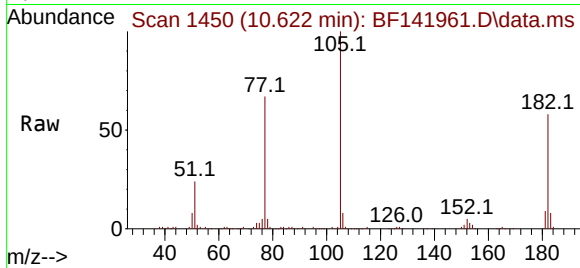




#63
Azobenzene
Concen: 3.135 ng
RT: 10.622 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF141961.D
Acq: 14 Mar 2025 13:11

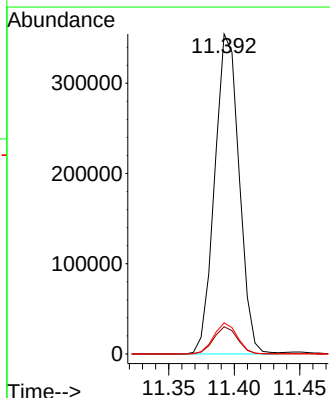
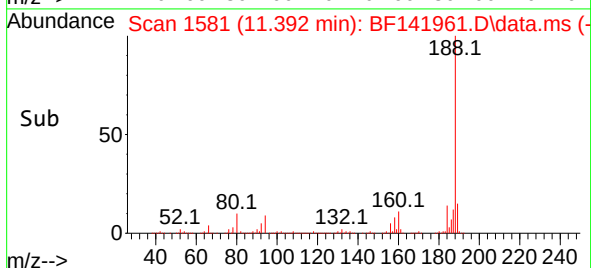
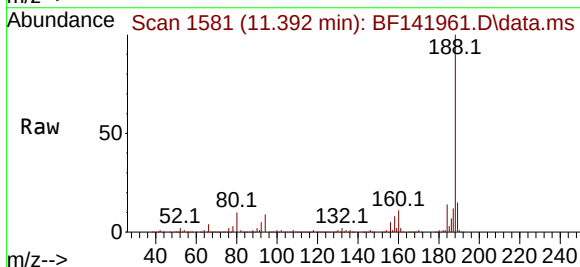
Instrument :
BNA_F
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CTWK-COMP

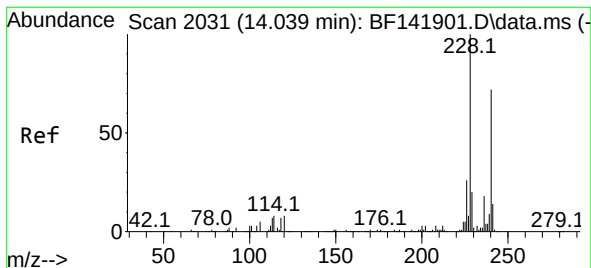
Tgt Ion: 77 Resp: 56449
Ion Ratio Lower Upper
77 100
182 86.3 6.6 46.6#
105 149.8 1.3 41.3#
51 35.6 10.4 50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF141961.D
Acq: 14 Mar 2025 13:11

Tgt Ion:188 Resp: 459275
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 9.7 7.6 11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF141961.D

Acq: 14 Mar 2025 13:11

Instrument :

BNA_F

ClientSampleId :

CTWK-COMP

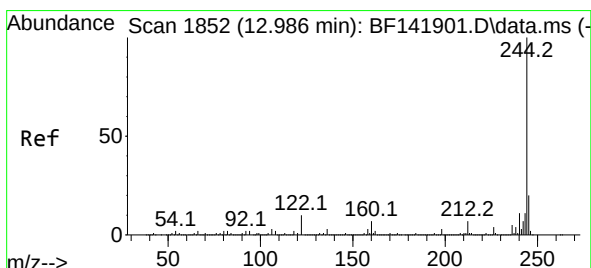
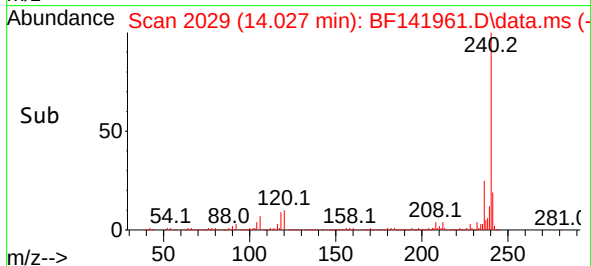
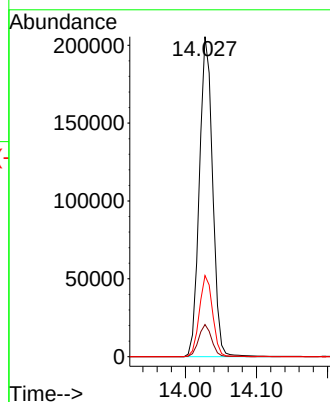
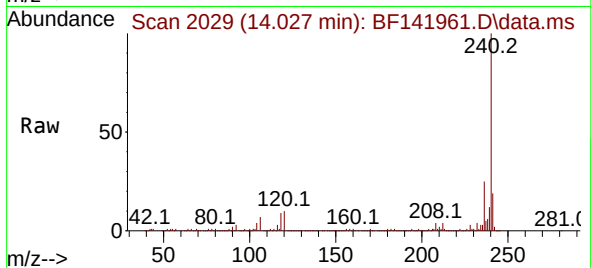
Tgt Ion:240 Resp: 267195

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

236 25.4 20.5 30.7



#79

Terphenyl-d14

Concen: 20.351 ng

RT: 12.975 min Scan# 1850

Delta R.T. -0.012 min

Lab File: BF141961.D

Acq: 14 Mar 2025 13:11

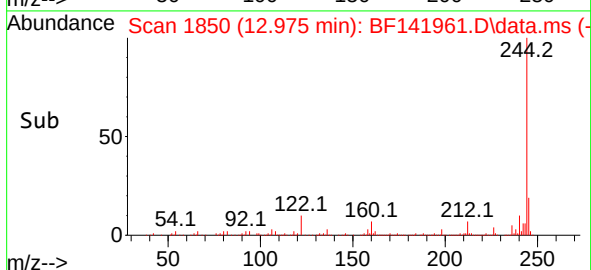
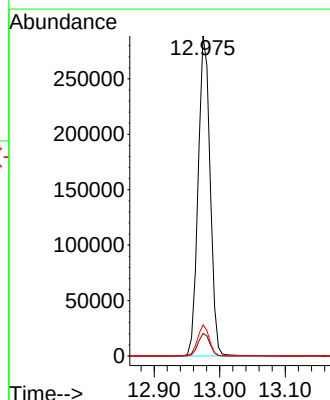
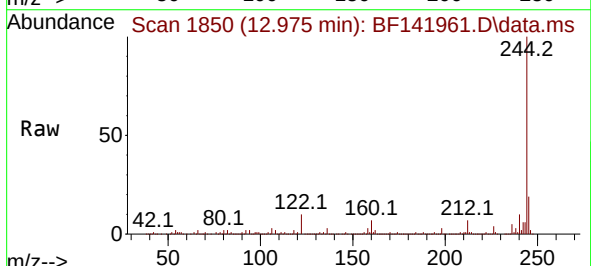
Tgt Ion:244 Resp: 367801

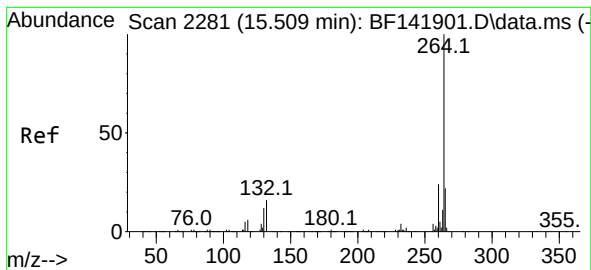
Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

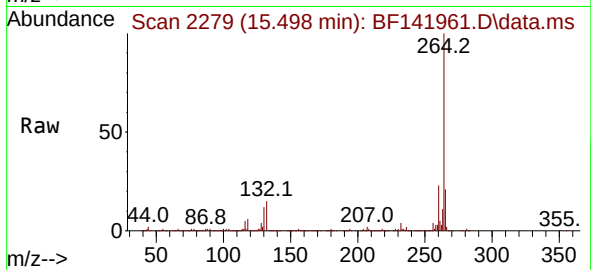
122 9.7 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF141961.D
 Acq: 14 Mar 2025 13:11

Instrument :
 BNA_F
 ClientSampleId :
 CTWK-COMP



Tgt Ion:264 Resp: 306676
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.1 28.7
 265 21.5 17.5 26.3

