

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021925\
 Data File : BF141681.D
 Acq On : 19 Feb 2025 18:12
 Operator : RC/JU
 Sample : Q1382-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-06-021725

Quant Time: Feb 20 00:12:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

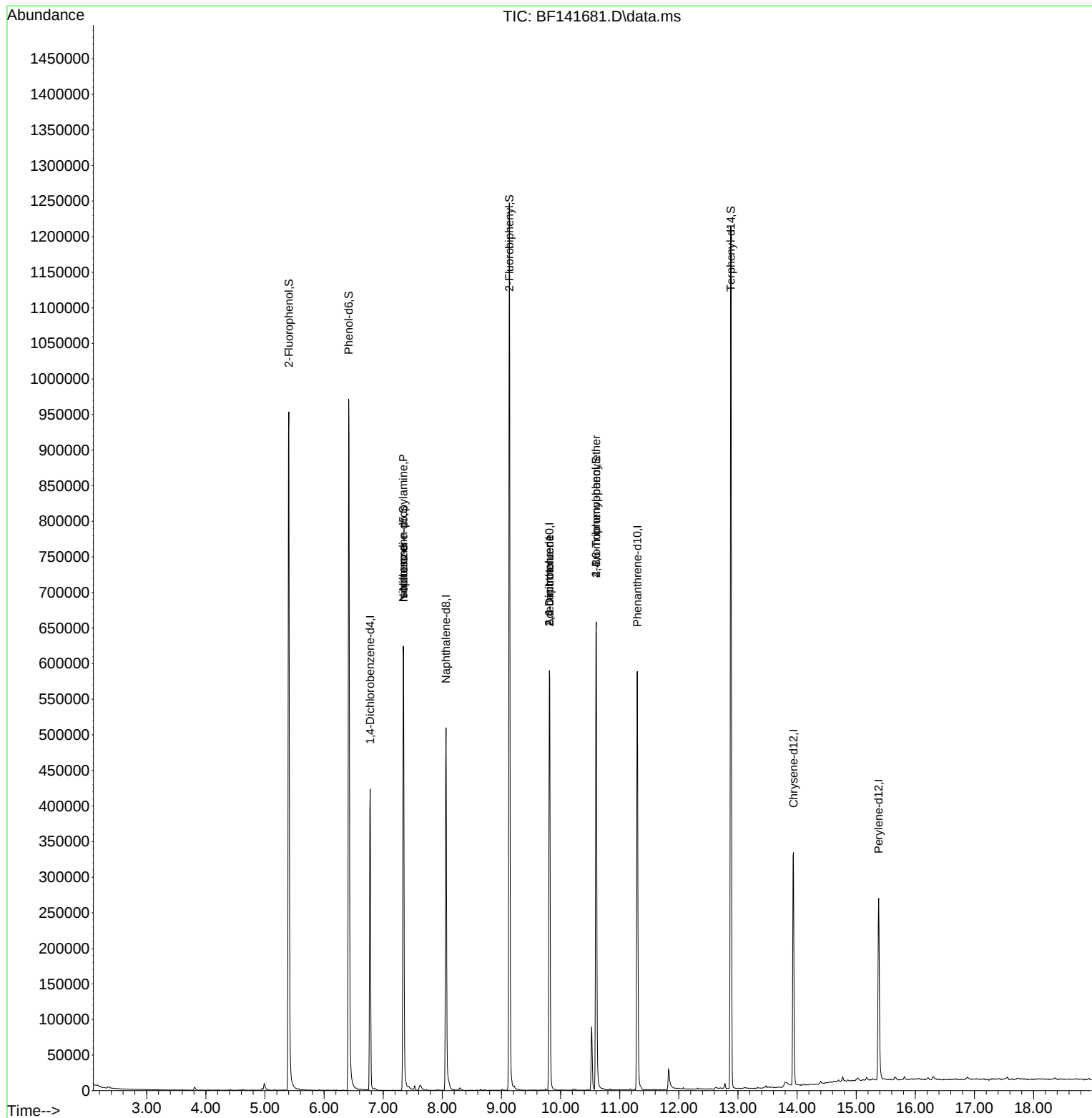
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	89222	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	364105	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	194707	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	326900	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	179864	20.000	ng	-0.02
86) Perylene-d12	15.380	264	164053	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	385310	67.704	ng	0.00
7) Phenol-d6	6.416	99	476090	66.187	ng	-0.02
23) Nitrobenzene-d5	7.339	82	304633	43.639	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	116011	59.313	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	562619	44.518	ng	-0.02
79) Terphenyl-d14	12.880	244	600038	56.319	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.339	70	40730	9.466	ng	# 74
25) Isophorone	7.339	82	295572	26.555	ng	# 66
51) 2,6-Dinitrotoluene	9.810	165	25043	8.667	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	25044	6.510	ng	# 18
67) 4-Bromophenyl-phenylether	10.604	248	7946	2.175	ng	# 1

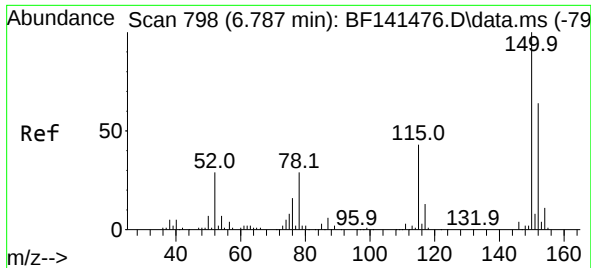
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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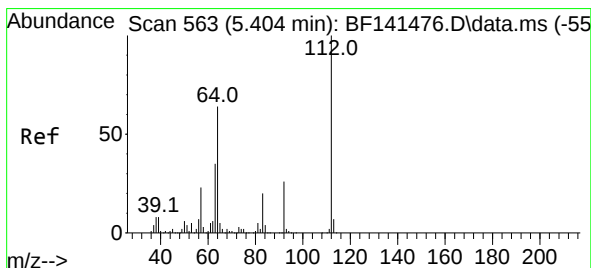
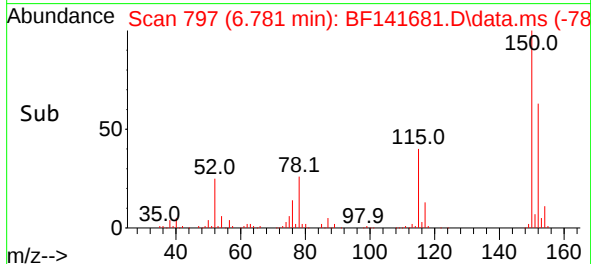
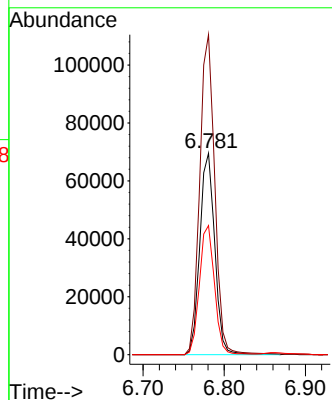
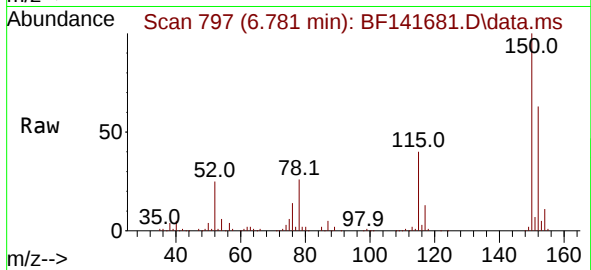




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF141681.D
 Acq: 19 Feb 2025 18:12

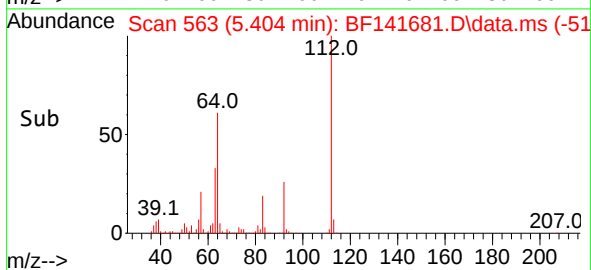
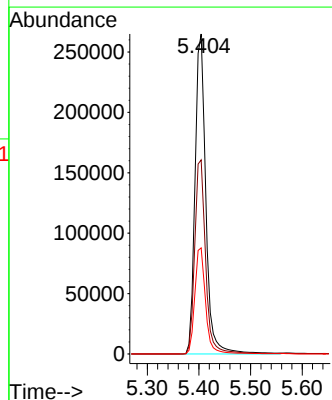
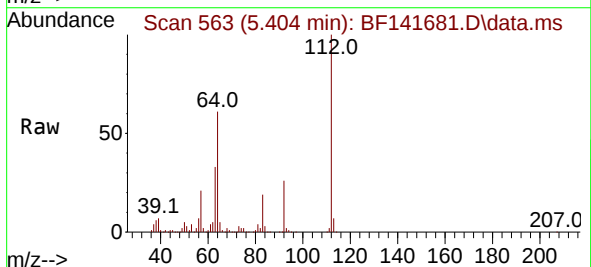
Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-06-021725

Tgt Ion:152 Resp: 89222
 Ion Ratio Lower Upper
 152 100
 150 158.8 125.0 187.4
 115 64.1 53.6 80.4



#5
 2-Fluorophenol
 Concen: 67.704 ng
 RT: 5.404 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: BF141681.D
 Acq: 19 Feb 2025 18:12

Tgt Ion:112 Resp: 385310
 Ion Ratio Lower Upper
 112 100
 64 60.6 51.1 76.7
 63 33.2 28.4 42.6

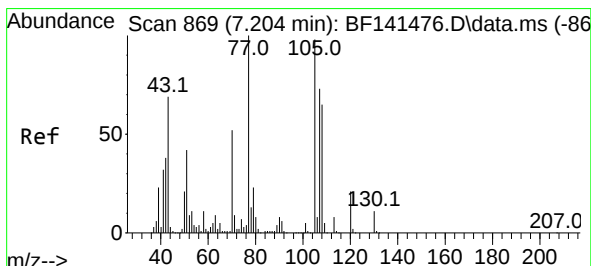
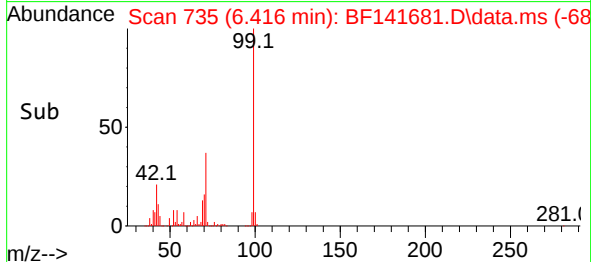
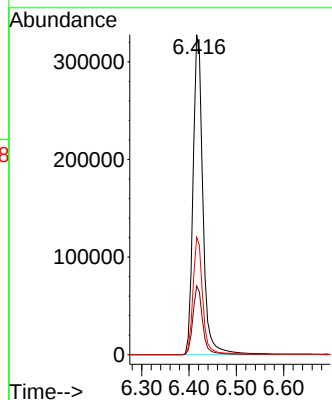
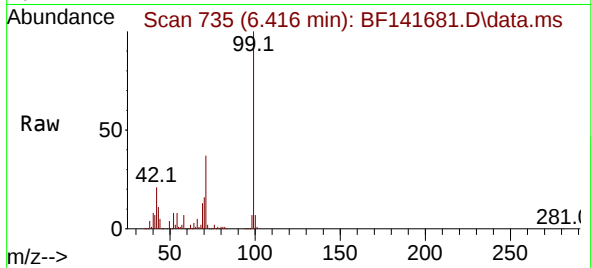




#7
Phenol-d6
Concen: 66.187 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF141681.D
Acq: 19 Feb 2025 18:12

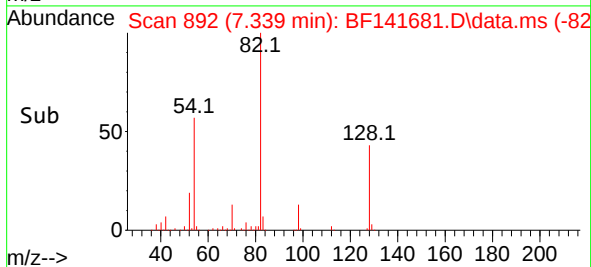
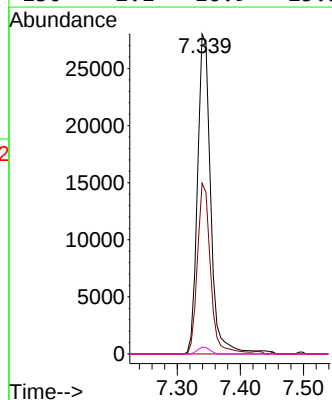
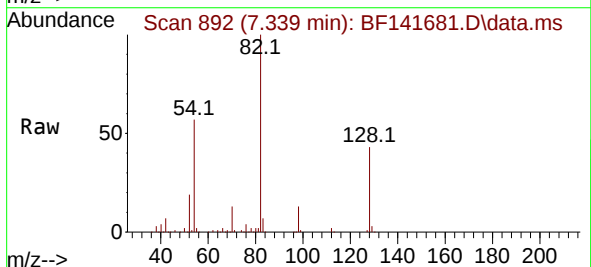
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-06-021725

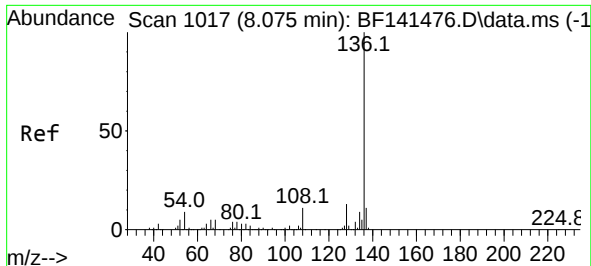
Tgt Ion: 99 Resp: 476090
Ion Ratio Lower Upper
99 100
42 21.5 19.1 28.7
71 36.7 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 9.466 ng
RT: 7.339 min Scan# 892
Delta R.T. 0.124 min
Lab File: BF141681.D
Acq: 19 Feb 2025 18:12

Tgt Ion: 70 Resp: 40730
Ion Ratio Lower Upper
70 100
42 53.4 57.4 86.2#
101 0.0 8.0 12.0#
130 2.1 16.9 25.3#

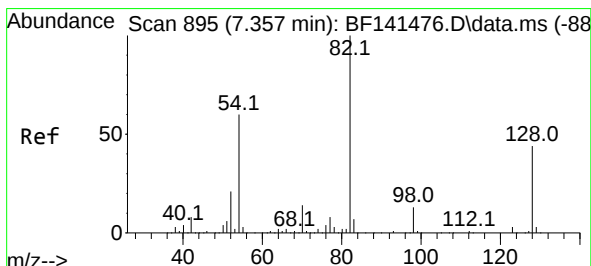
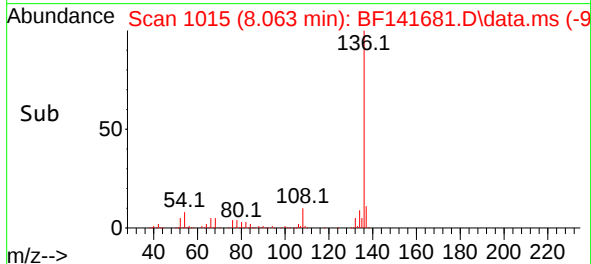
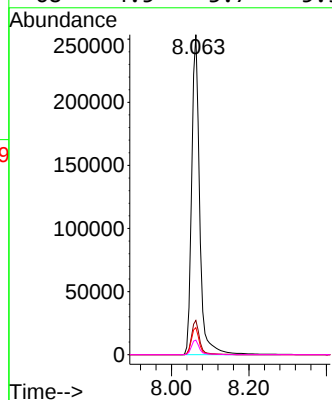
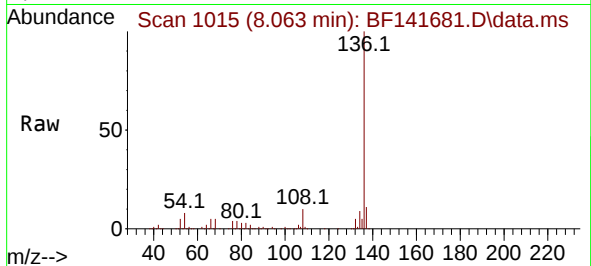




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141681.D
Acq: 19 Feb 2025 18:12

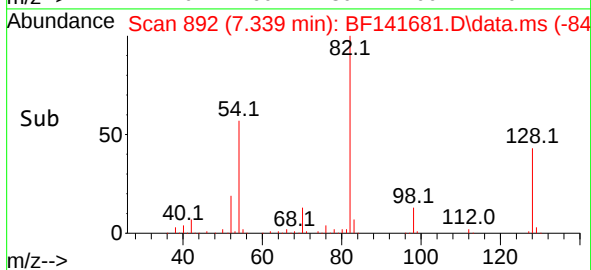
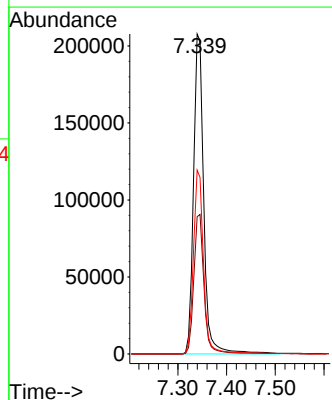
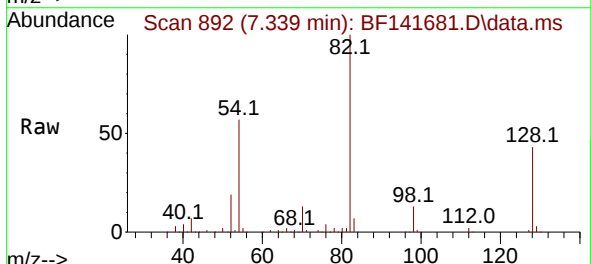
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-06-021725

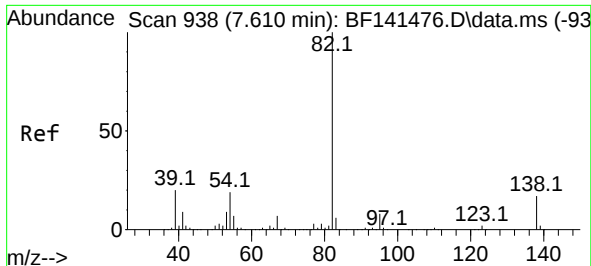
Tgt Ion:136 Resp: 364105
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.4 7.2 10.8
68 4.5 3.7 5.5



#23
Nitrobenzene-d5
Concen: 43.639 ng
RT: 7.339 min Scan# 892
Delta R.T. -0.023 min
Lab File: BF141681.D
Acq: 19 Feb 2025 18:12

Tgt Ion: 82 Resp: 304633
Ion Ratio Lower Upper
82 100
128 42.9 34.8 52.2
54 57.4 48.2 72.4

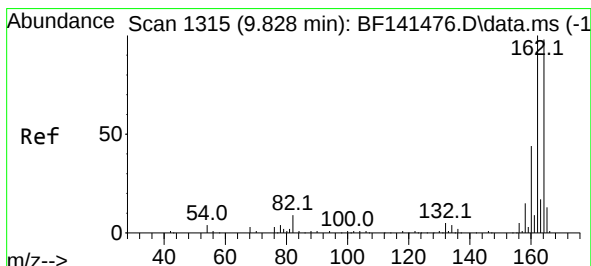
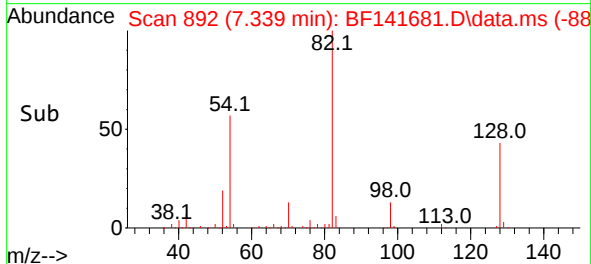
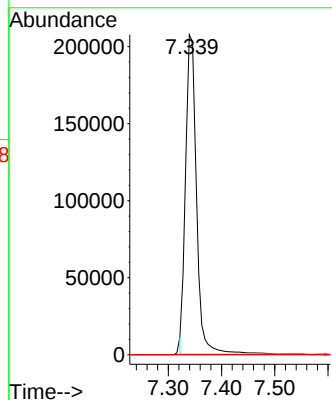
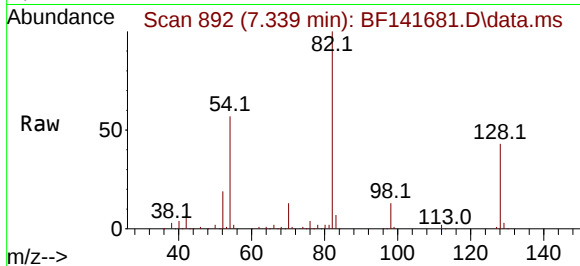




#25
Isophorone
Concen: 26.555 ng
RT: 7.339 min Scan# 892
Delta R.T. -0.282 min
Lab File: BF141681.D
Acq: 19 Feb 2025 18:12

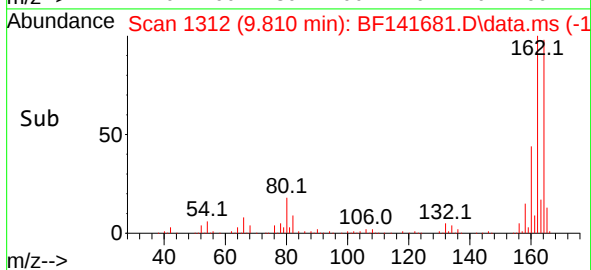
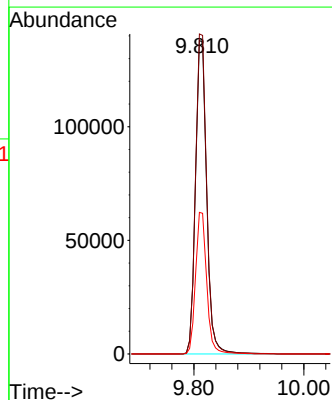
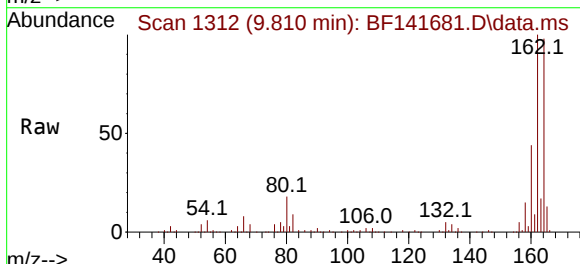
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-06-021725

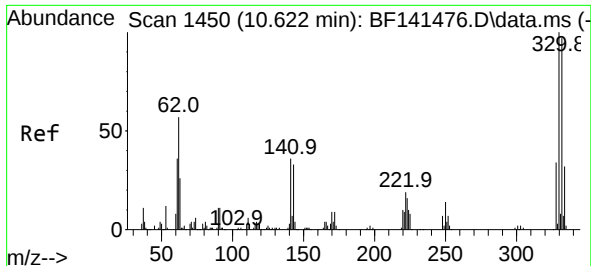
Tgt Ion: 82 Resp: 295572
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1312
Delta R.T. -0.023 min
Lab File: BF141681.D
Acq: 19 Feb 2025 18:12

Tgt Ion:164 Resp: 194707
Ion Ratio Lower Upper
164 100
162 102.0 81.3 121.9
160 45.1 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 59.313 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.023 min

Lab File: BF141681.D

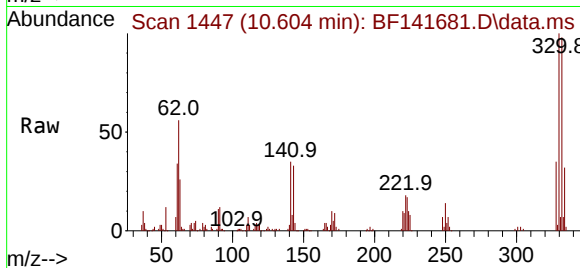
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Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-06-021725



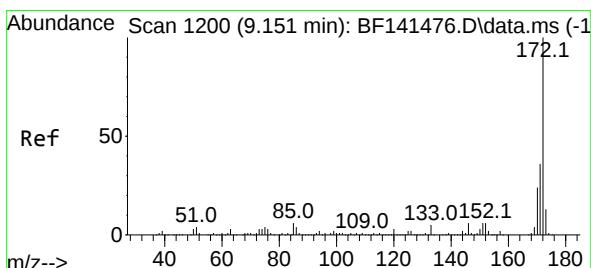
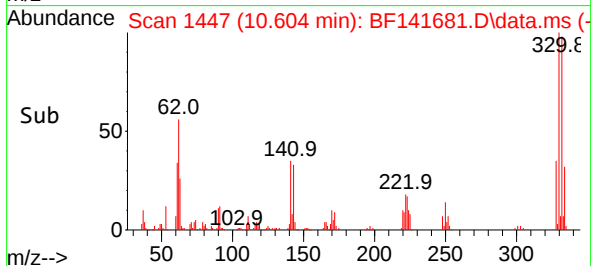
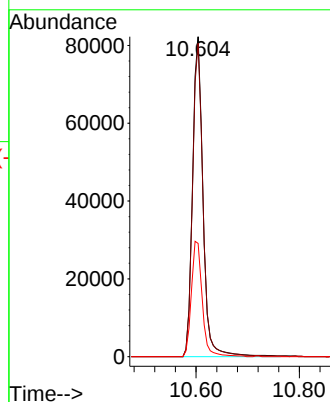
Tgt Ion:330 Resp: 116011

Ion Ratio Lower Upper

330 100

332 98.0 78.5 117.7

141 37.4 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 44.518 ng

RT: 9.133 min Scan# 1197

Delta R.T. -0.018 min

Lab File: BF141681.D

Acq: 19 Feb 2025 18:12

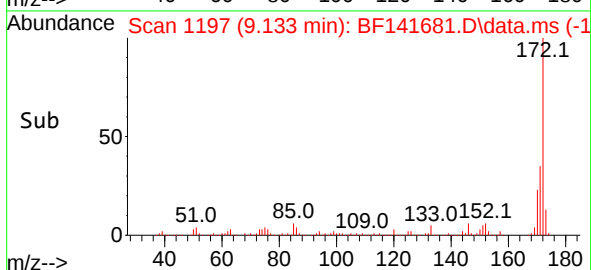
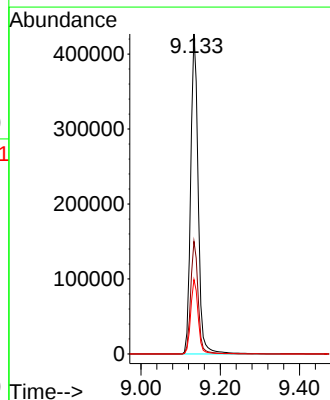
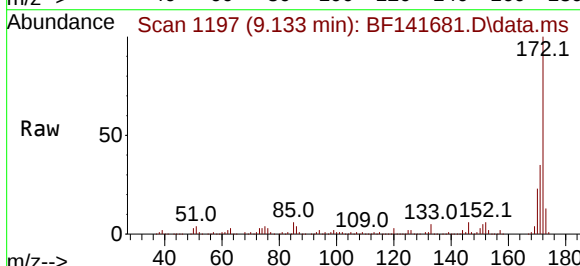
Tgt Ion:172 Resp: 562619

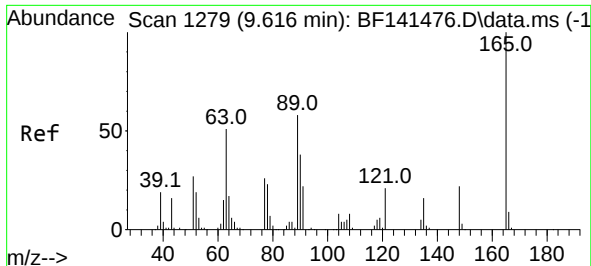
Ion Ratio Lower Upper

172 100

171 35.2 28.7 43.1

170 23.3 18.9 28.3

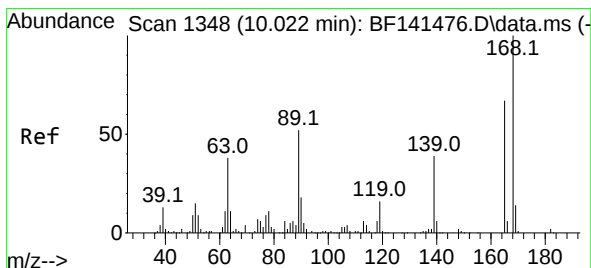
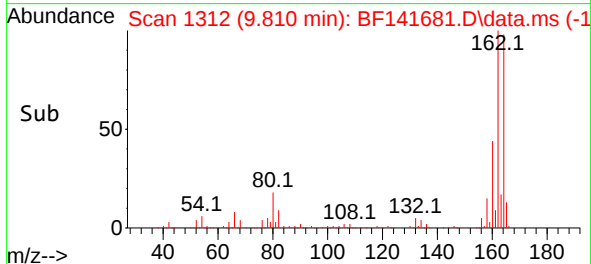
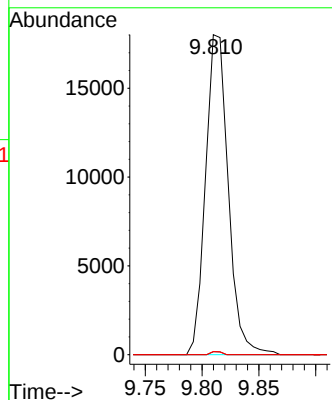
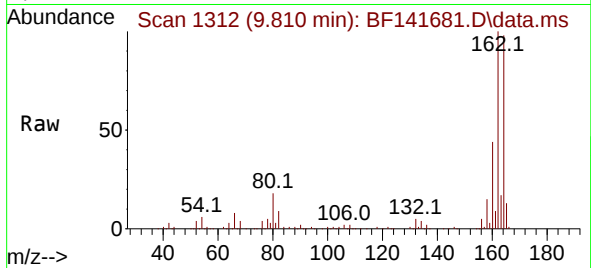




#51
2,6-Dinitrotoluene
Concen: 8.667 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF141681.D
Acq: 19 Feb 2025 18:12

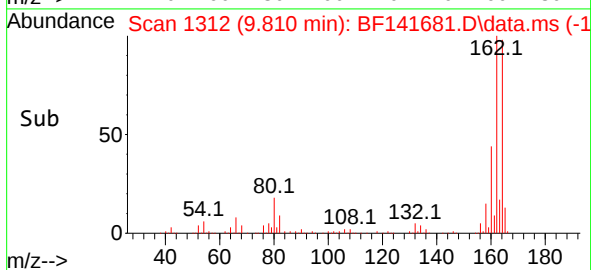
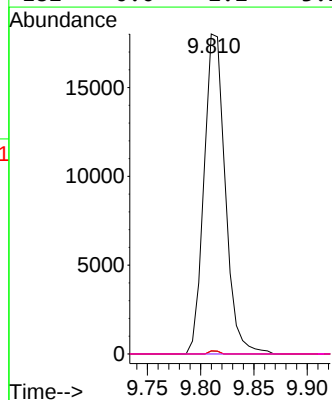
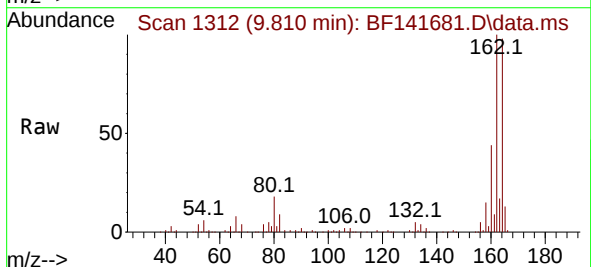
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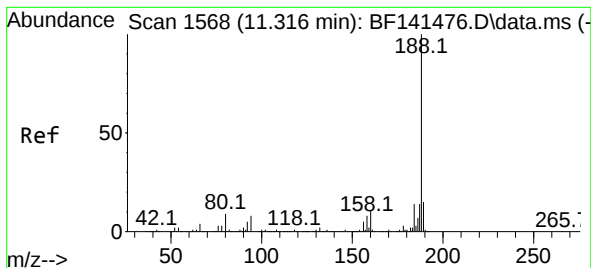
Tgt Ion:165 Resp: 25043
Ion Ratio Lower Upper
165 100
63 0.9 49.4 74.0#
89 1.0 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 6.510 ng
RT: 9.810 min Scan# 1312
Delta R.T. -0.218 min
Lab File: BF141681.D
Acq: 19 Feb 2025 18:12

Tgt Ion:165 Resp: 25044
Ion Ratio Lower Upper
165 100
63 0.9 46.4 69.6#
89 1.0 61.8 92.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141681.D

Acq: 19 Feb 2025 18:12

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-06-021725

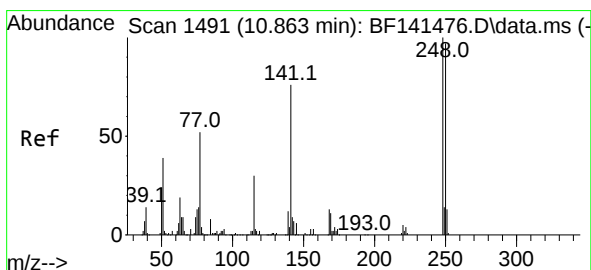
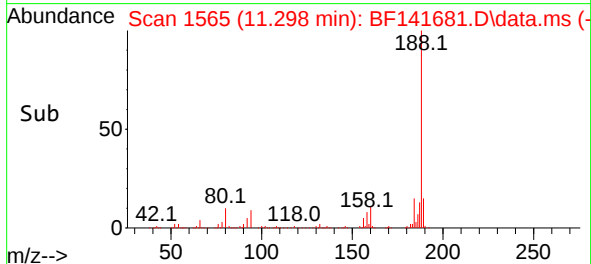
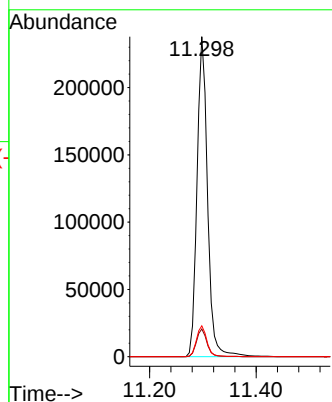
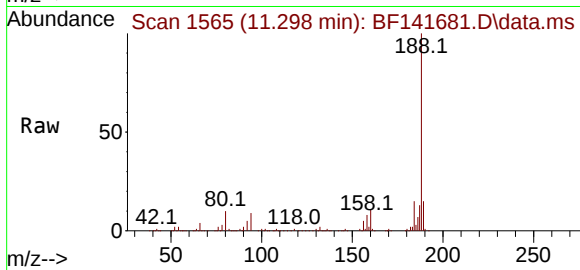
Tgt Ion:188 Resp: 326900

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 9.7 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 2.175 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.259 min

Lab File: BF141681.D

Acq: 19 Feb 2025 18:12

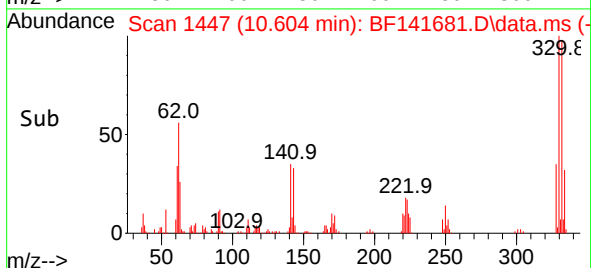
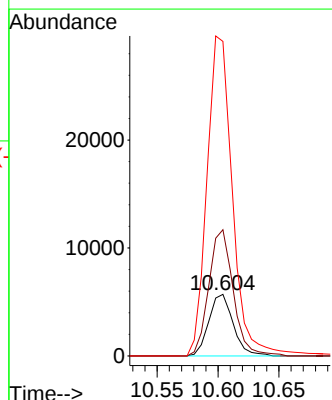
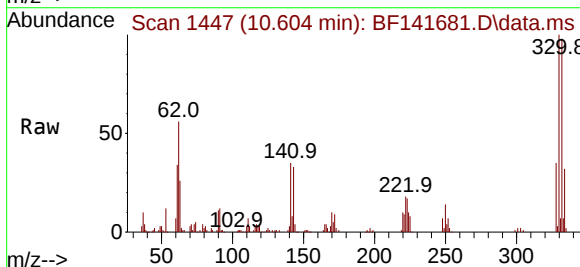
Tgt Ion:248 Resp: 7946

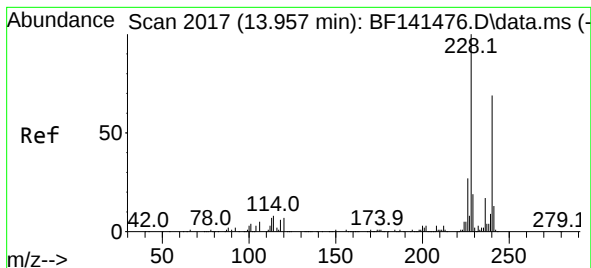
Ion Ratio Lower Upper

248 100

250 205.2 77.8 116.6#

141 511.2 60.6 90.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2014

Delta R.T. -0.023 min

Lab File: BF141681.D

Acq: 19 Feb 2025 18:12

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-06-021725

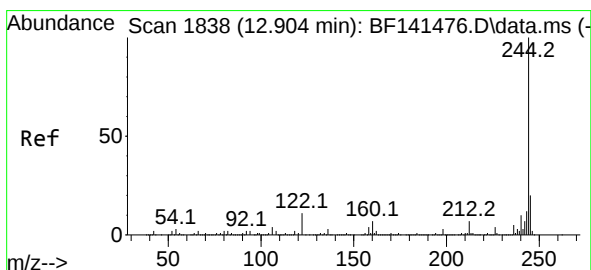
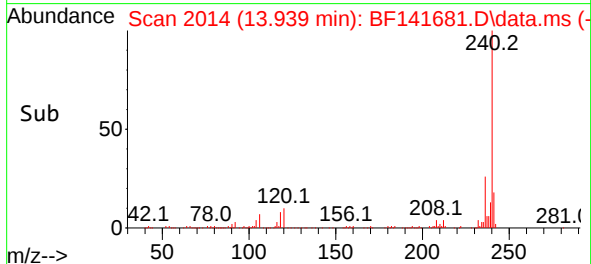
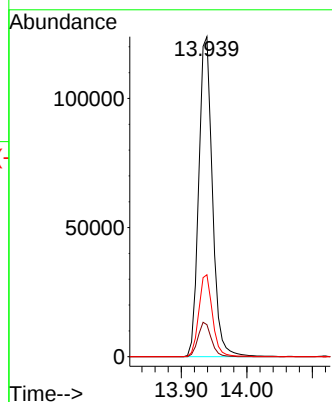
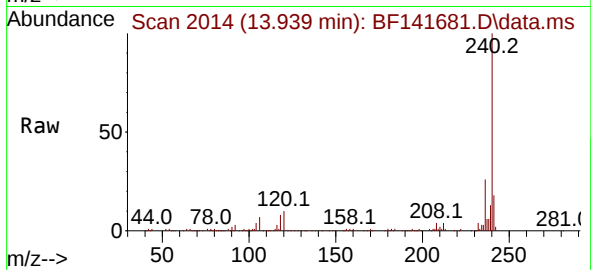
Tgt Ion:240 Resp: 179864

Ion Ratio Lower Upper

240 100

120 10.0 8.0 12.0

236 25.6 19.8 29.8



#79

Terphenyl-d14

Concen: 56.319 ng

RT: 12.880 min Scan# 1834

Delta R.T. -0.023 min

Lab File: BF141681.D

Acq: 19 Feb 2025 18:12

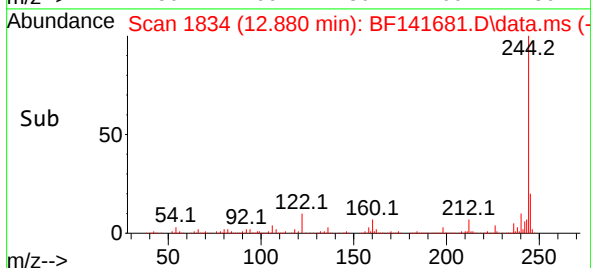
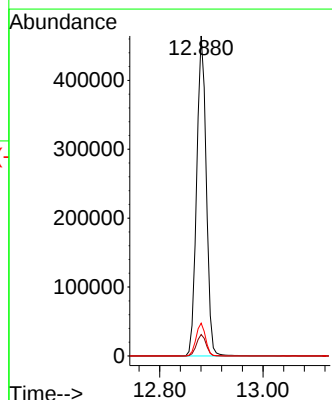
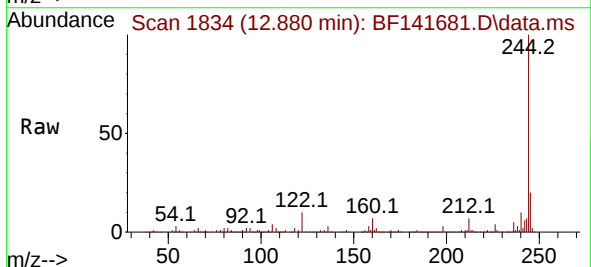
Tgt Ion:244 Resp: 600038

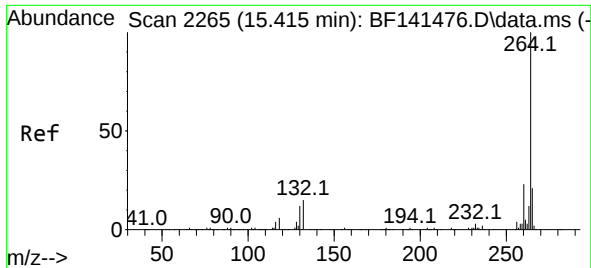
Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

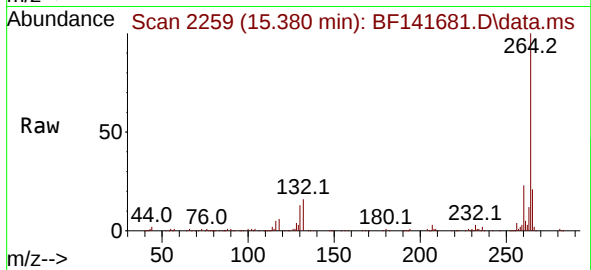
122 10.3 8.4 12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF141681.D
Acq: 19 Feb 2025 18:12

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-06-021725



Tgt Ion:264 Resp: 164053
Ion Ratio Lower Upper
264 100
260 22.9 18.6 28.0
265 20.8 17.0 25.4

