

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143871.D
 Acq On : 02 Oct 2025 23:01
 Operator : RC/JU
 Sample : Q3262-08 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 01:31:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

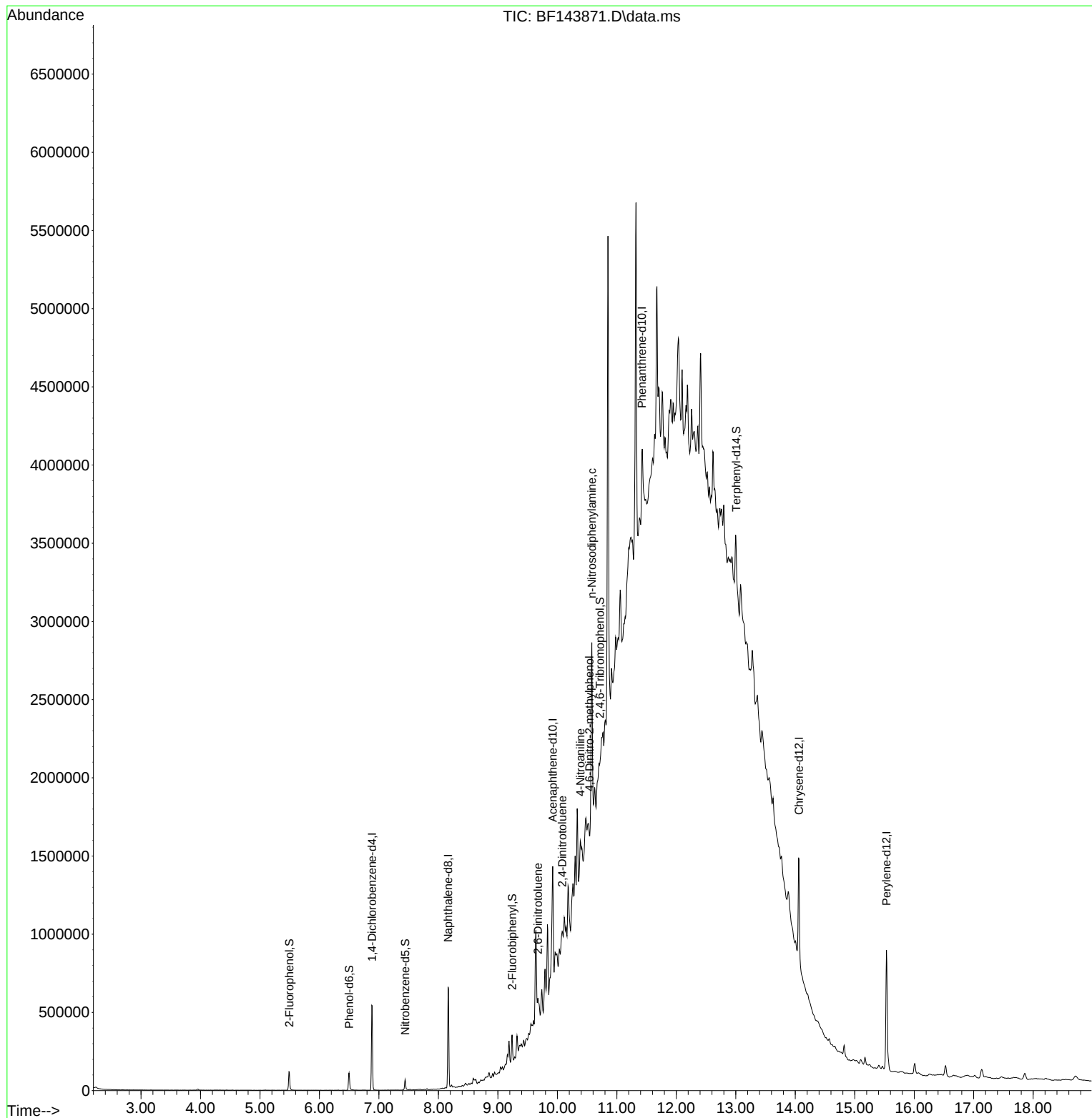
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	117685	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	420125	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	181944	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	226443	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	373390	20.000	ng	0.00
86) Perylene-d12	15.533	264	508808	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	47608	6.573	ng	0.00
7) Phenol-d6	6.498	99	57776	6.903	ng	-0.01
23) Nitrobenzene-d5	7.440	82	28693	4.181	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	6143	2.280	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	66209	5.679	ng	0.00
79) Terphenyl-d14	13.010	244	72589	3.954	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	9.675	165	8152	4.474	ng	# 25
54) 2,4-Dinitrophenol	10.139	184	693	Below Cal		# 24
57) 2,4-Dinitrotoluene	10.081	165	1390	3.402	ng	# 48
62) 4-Nitroaniline	10.386	138	8772	4.224	ng	92
65) 4,6-Dinitro-2-methylph...	10.539	198	642	5.037	ng	# 1
66) n-Nitrosodiphenylamine	10.581	169	17315	2.325	ng	# 60

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

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Data File : BF143871.D
Acq On : 02 Oct 2025 23:01
Operator : RC/JU
Sample : Q3262-08 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

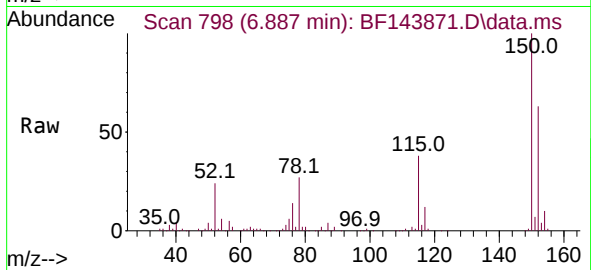
Quant Time: Oct 03 01:31:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration



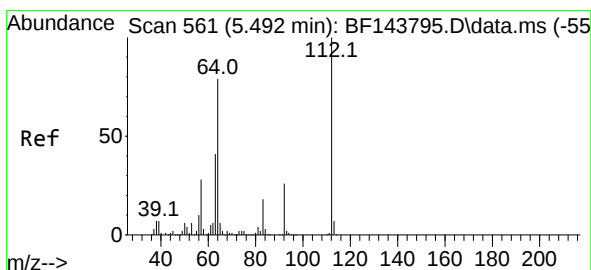
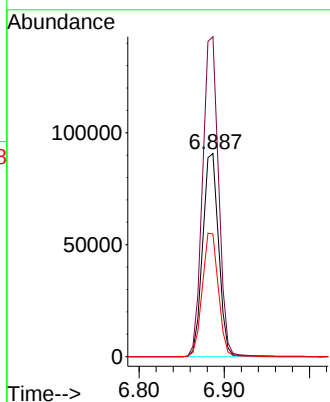
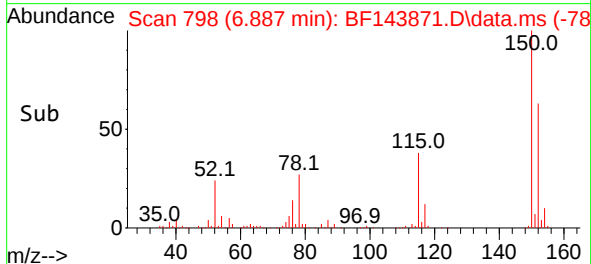


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: BF143871.D
 Acq: 02 Oct 2025 23:01

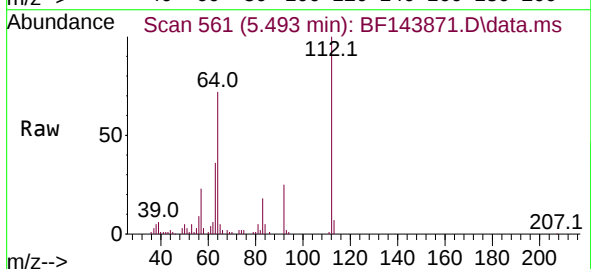
Instrument :
 BNA_F
 ClientSampleId :



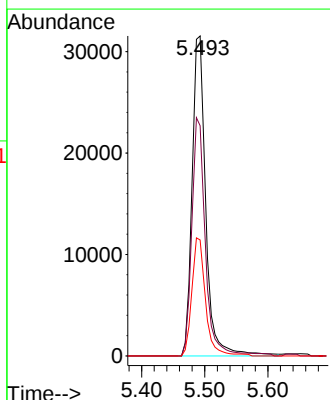
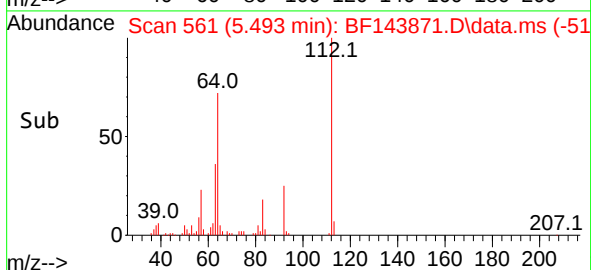
Tgt Ion:152 Resp: 117685
 Ion Ratio Lower Upper
 152 100
 150 157.6 129.6 194.4
 115 60.3 49.0 73.4



#5
 2-Fluorophenol
 Concen: 6.573 ng
 RT: 5.493 min Scan# 561
 Delta R.T. -0.005 min
 Lab File: BF143871.D
 Acq: 02 Oct 2025 23:01



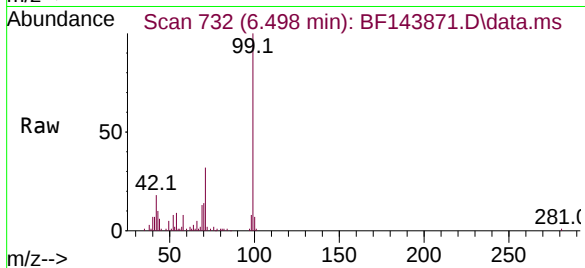
Tgt Ion:112 Resp: 47608
 Ion Ratio Lower Upper
 112 100
 64 71.9 63.0 94.4
 63 36.2 32.6 49.0



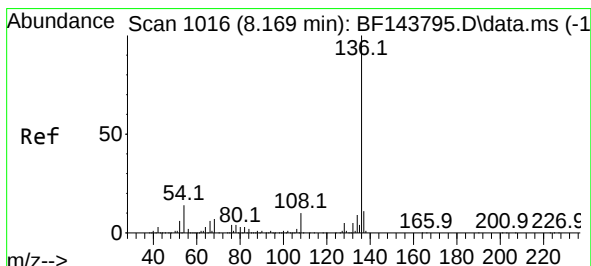
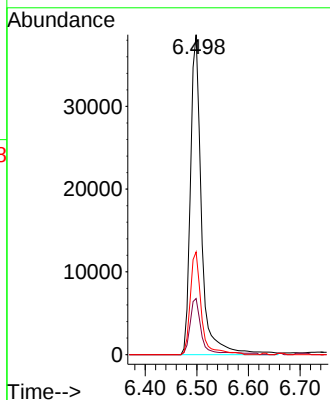
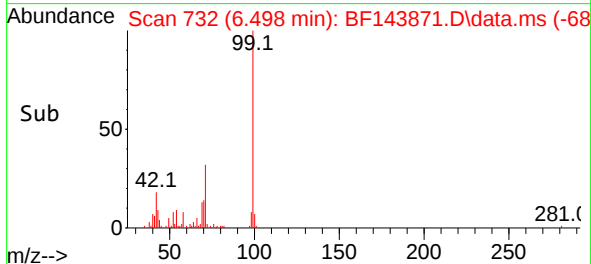


#7
Phenol-d6
Concen: 6.903 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF143871.D
Acq: 02 Oct 2025 23:01

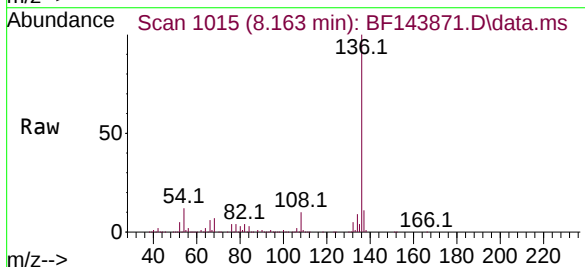
Instrument :
BNA_F
ClientSampleId :



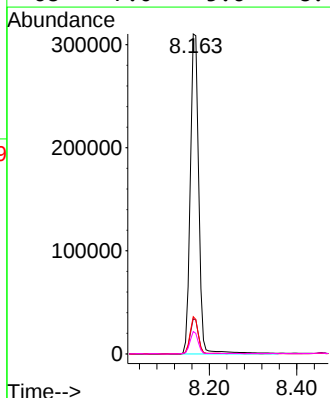
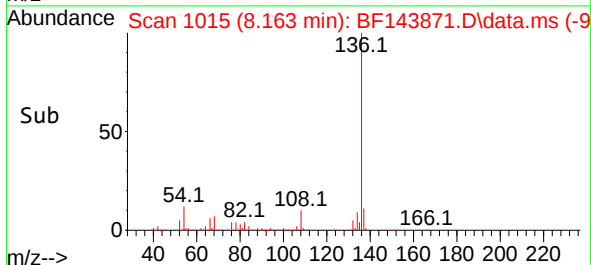
Tgt Ion: 99 Resp: 57776
Ion Ratio Lower Upper
99 100
42 17.5 18.6 28.0#
71 32.1 27.0 40.4

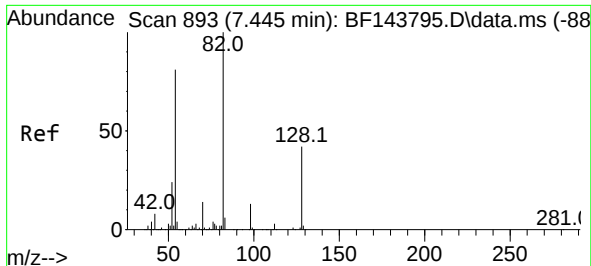


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143871.D
Acq: 02 Oct 2025 23:01



Tgt Ion: 136 Resp: 420125
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 11.6 11.2 16.8
68 7.0 5.6 8.4





#23

Nitrobenzene-d5

Concen: 4.181 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.011 min

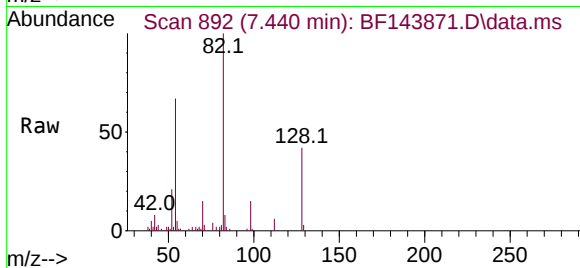
Lab File: BF143871.D

Acq: 02 Oct 2025 23:01

Instrument :

BNA_F

ClientSampleId :



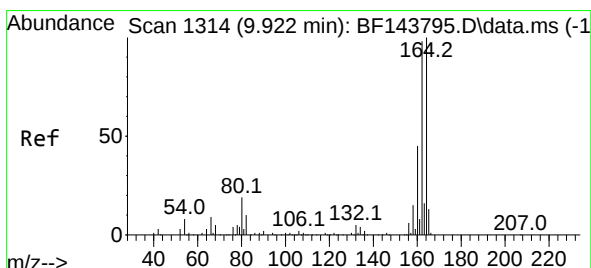
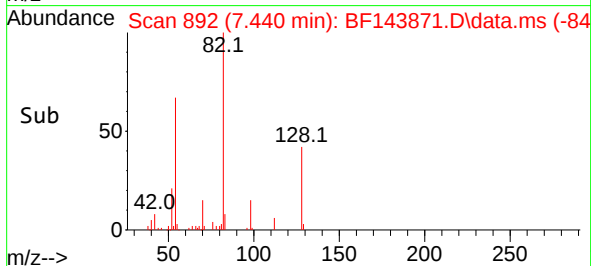
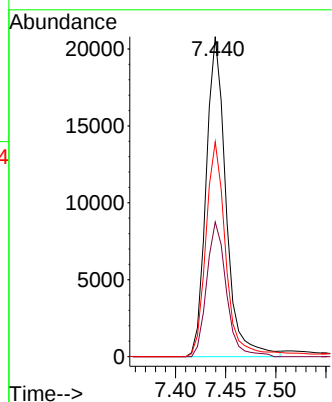
Tgt Ion: 82 Resp: 28693

Ion Ratio Lower Upper

82 100

128 42.1 33.3 49.9

54 67.1 64.2 96.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF143871.D

Acq: 02 Oct 2025 23:01

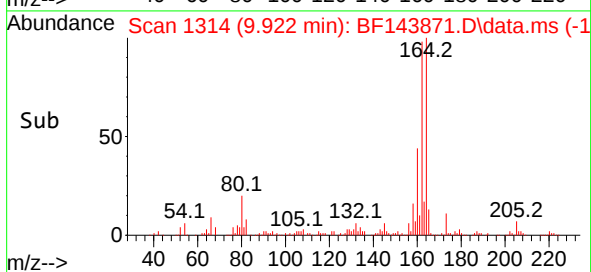
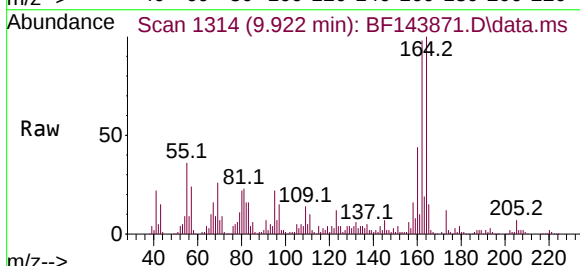
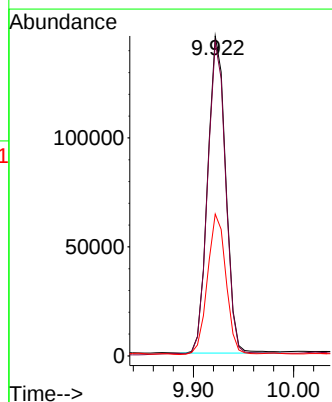
Tgt Ion: 164 Resp: 181944

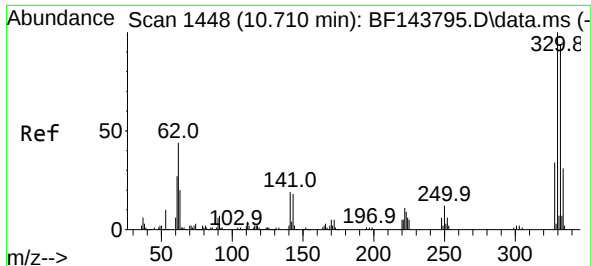
Ion Ratio Lower Upper

164 100

162 98.0 78.8 118.2

160 44.3 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 2.280 ng

RT: 10.716 min Scan# 1448

Delta R.T. -0.000 min

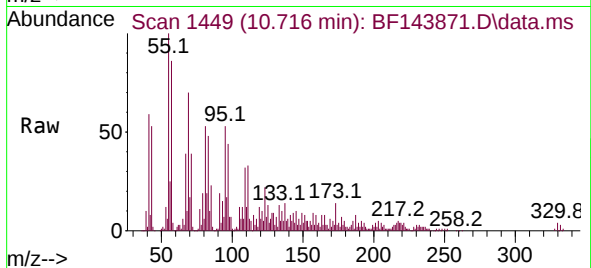
Lab File: BF143871.D

Acq: 02 Oct 2025 23:01

Instrument :

BNA_F

ClientSampleId :



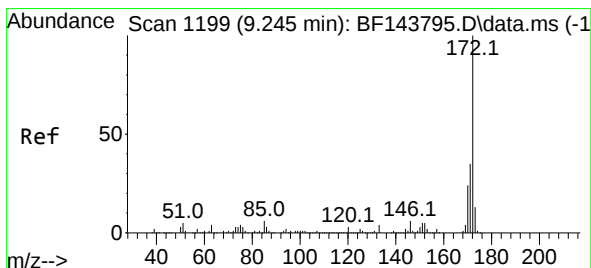
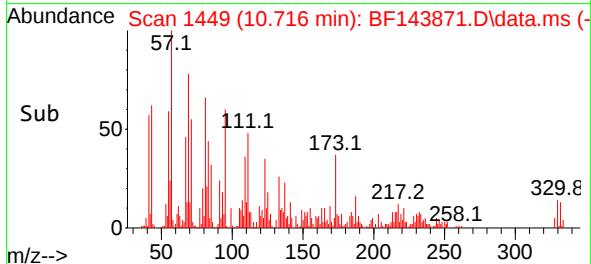
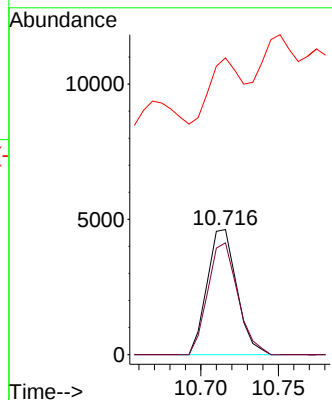
Tgt Ion:330 Resp: 6143

Ion Ratio Lower Upper

330 100

332 90.5 74.7 112.1

141 54.2 14.3 21.5#



#45

2-Fluorobiphenyl

Concen: 5.679 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF143871.D

Acq: 02 Oct 2025 23:01

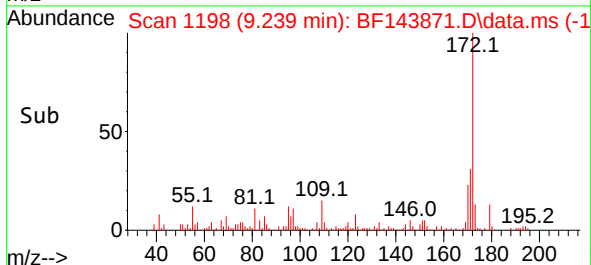
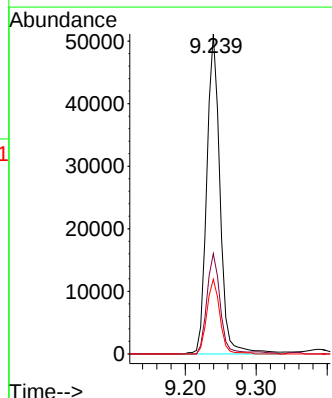
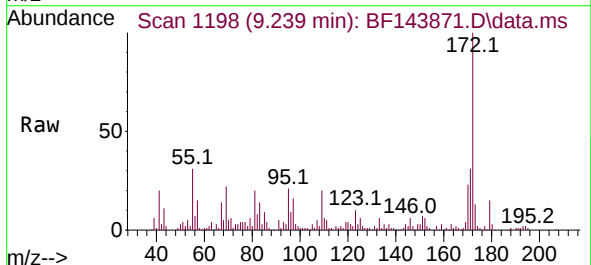
Tgt Ion:172 Resp: 66209

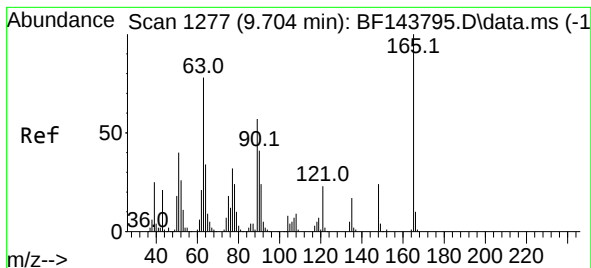
Ion Ratio Lower Upper

172 100

171 31.3 27.9 41.9

170 23.3 19.1 28.7

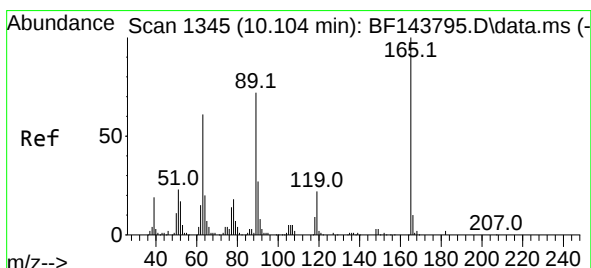
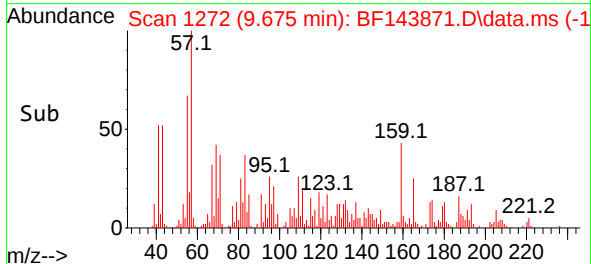
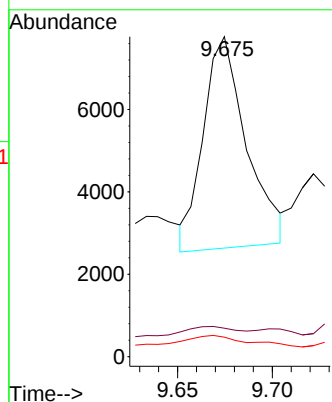
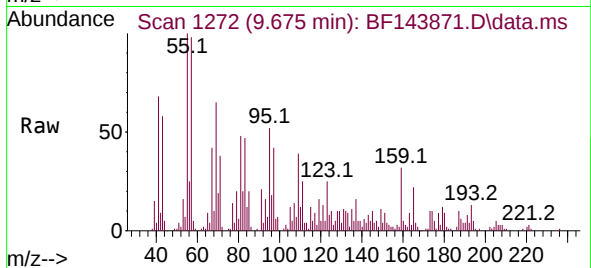




#51
2,6-Dinitrotoluene
Concen: 4.474 ng
RT: 9.675 min Scan# 11
Delta R.T. -0.029 min
Lab File: BF143871.D
Acq: 02 Oct 2025 23:01

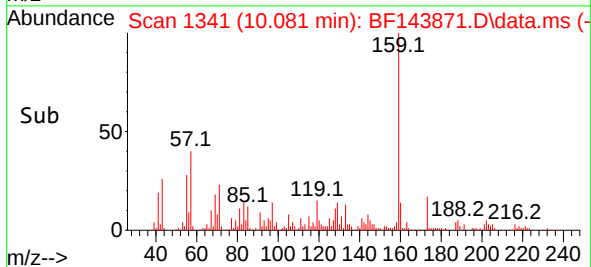
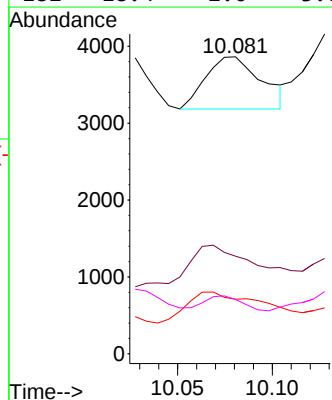
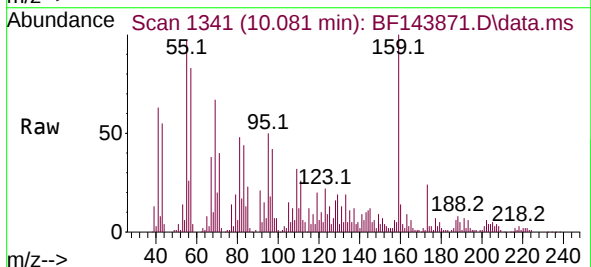
Instrument :
BNA_F
ClientSampleId :

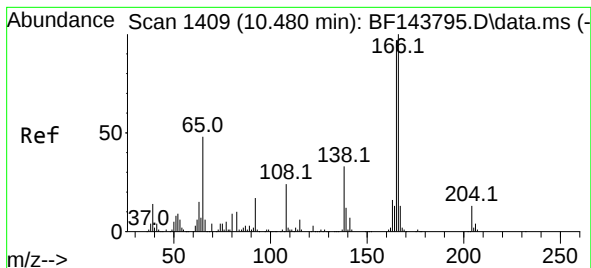
Tgt Ion:165 Resp: 8152
Ion Ratio Lower Upper
165 100
63 8.9 62.6 94.0#
89 6.1 45.2 67.8#



#57
2,4-Dinitrotoluene
Concen: 3.402 ng
RT: 10.081 min Scan# 1341
Delta R.T. -0.029 min
Lab File: BF143871.D
Acq: 02 Oct 2025 23:01

Tgt Ion:165 Resp: 1390
Ion Ratio Lower Upper
165 100
63 32.9 48.9 73.3#
89 18.4 57.5 86.3#
182 18.4 2.0 3.0#

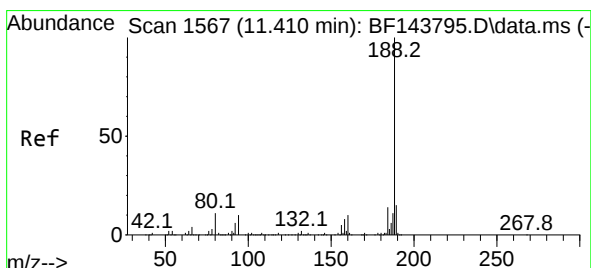
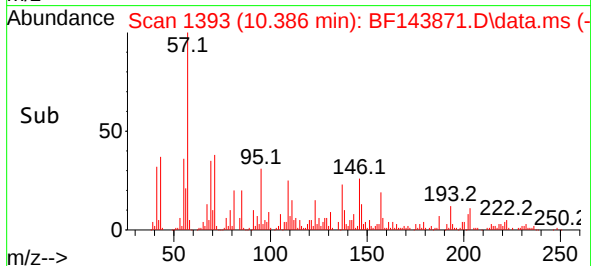
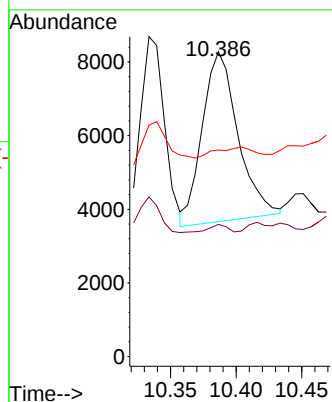
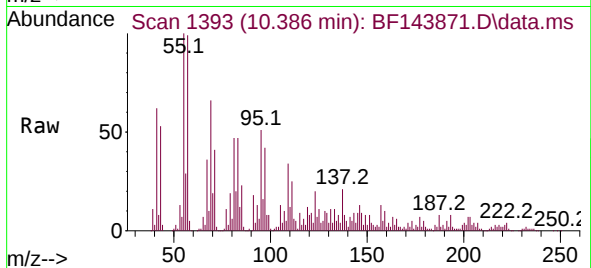




#62
4-Nitroaniline
Concen: 4.224 ng
RT: 10.386 min Scan# 1393
Delta R.T. -0.106 min
Lab File: BF143871.D
Acq: 02 Oct 2025 23:01

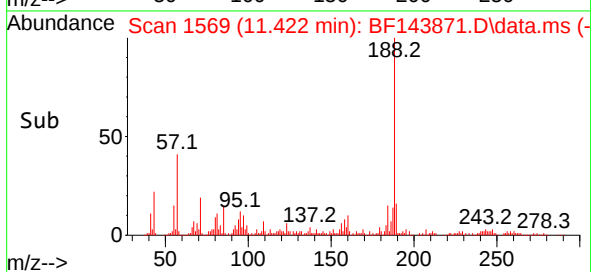
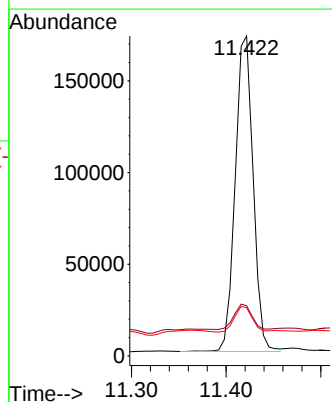
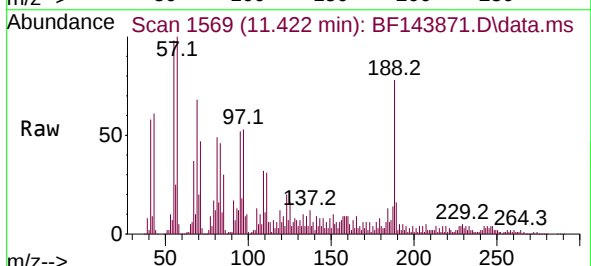
Instrument :
BNA_F
ClientSampleId :

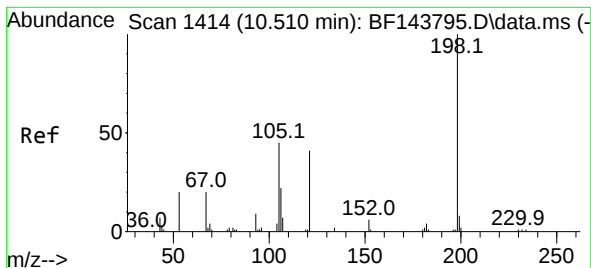
Tgt Ion:138 Resp: 8772
Ion Ratio Lower Upper
138 100
92 43.4 31.5 71.5
108 67.8 51.9 91.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. 0.006 min
Lab File: BF143871.D
Acq: 02 Oct 2025 23:01

Tgt Ion:188 Resp: 226443
Ion Ratio Lower Upper
188 100
94 15.7 8.2 12.2#
80 15.0 8.6 12.8#

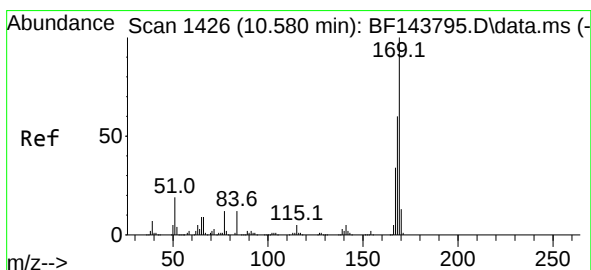
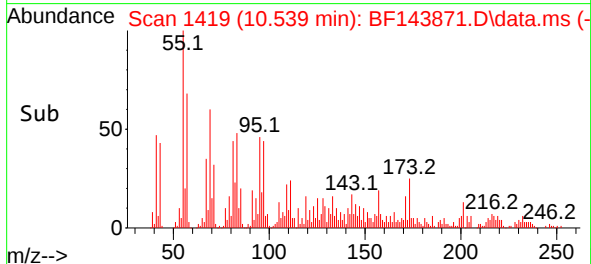
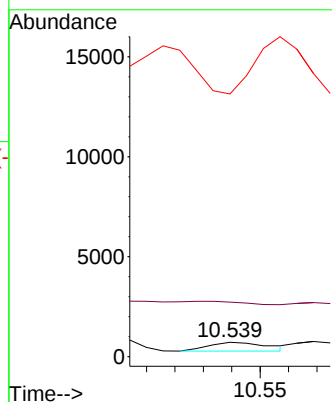
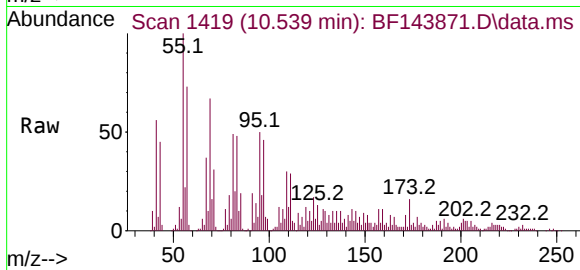




#65
4,6-Dinitro-2-methylphenol
Concen: 5.037 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.023 min
Lab File: BF143871.D
Acq: 02 Oct 2025 23:01

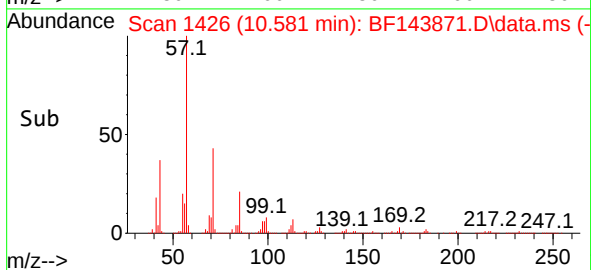
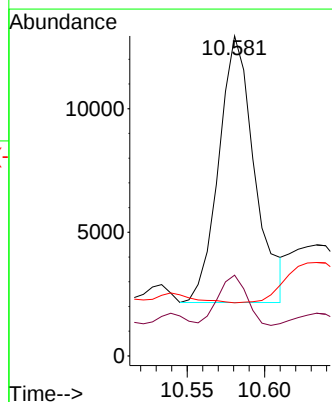
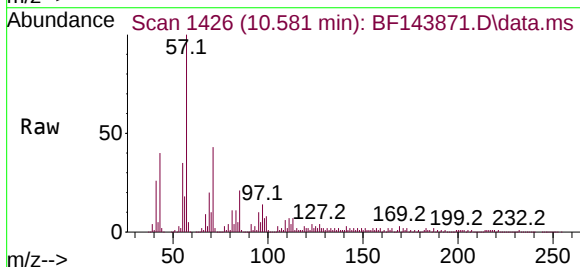
Instrument :
BNA_F
ClientSampleId :

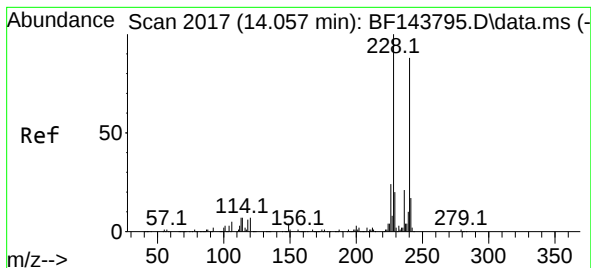
Tgt Ion:198 Resp: 642
Ion Ratio Lower Upper
198 100
51 380.5 52.0 92.0#
105 1832.8 27.5 67.5#



#66
n-Nitrosodiphenylamine
Concen: 2.325 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143871.D
Acq: 02 Oct 2025 23:01

Tgt Ion:169 Resp: 17315
Ion Ratio Lower Upper
169 100
168 25.2 47.9 71.9#
167 16.6 27.0 40.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143871.D

Acq: 02 Oct 2025 23:01

Instrument :

BNA_F

ClientSampleId :

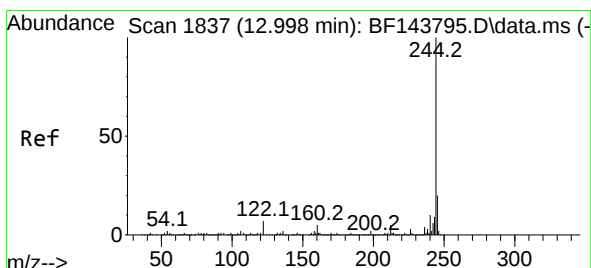
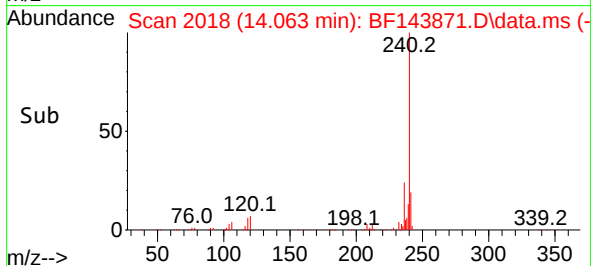
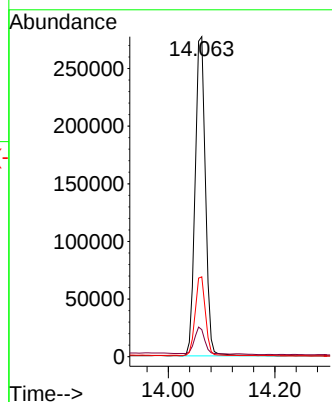
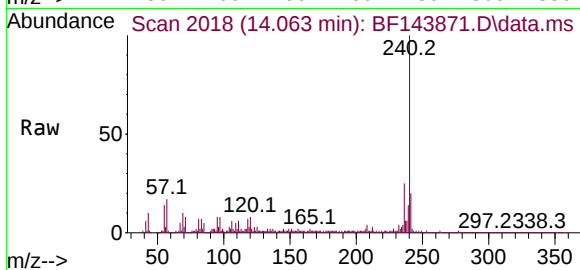
Tgt Ion:240 Resp: 373390

Ion Ratio Lower Upper

240 100

120 8.4 6.2 9.4

236 24.9 19.4 29.2



#79

Terphenyl-d14

Concen: 3.954 ng

RT: 13.010 min Scan# 1839

Delta R.T. 0.006 min

Lab File: BF143871.D

Acq: 02 Oct 2025 23:01

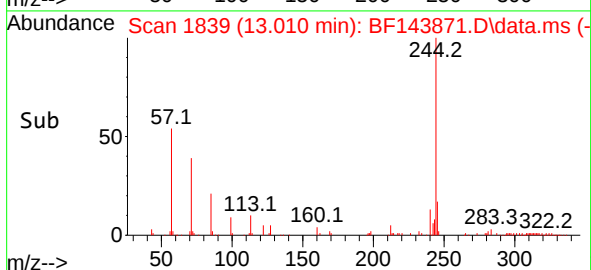
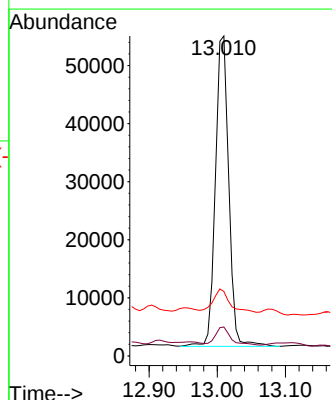
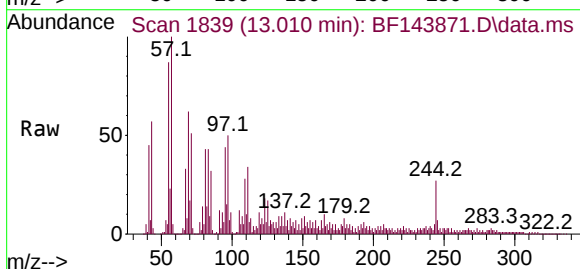
Tgt Ion:244 Resp: 72589

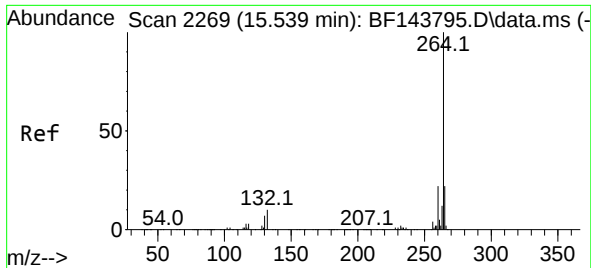
Ion Ratio Lower Upper

244 100

212 9.0 3.9 5.9#

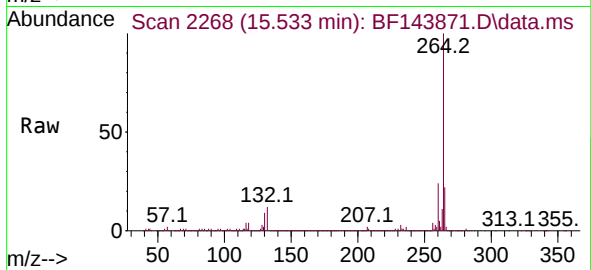
122 20.1 5.6 8.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143871.D
Acq: 02 Oct 2025 23:01

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 508808

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.9	26.9
265	21.8	17.7	26.5

