

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
 Data File : BF135630.D
 Acq On : 06 Oct 2023 15:43
 Operator : CG\JU
 Sample : 04714-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 16:11:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

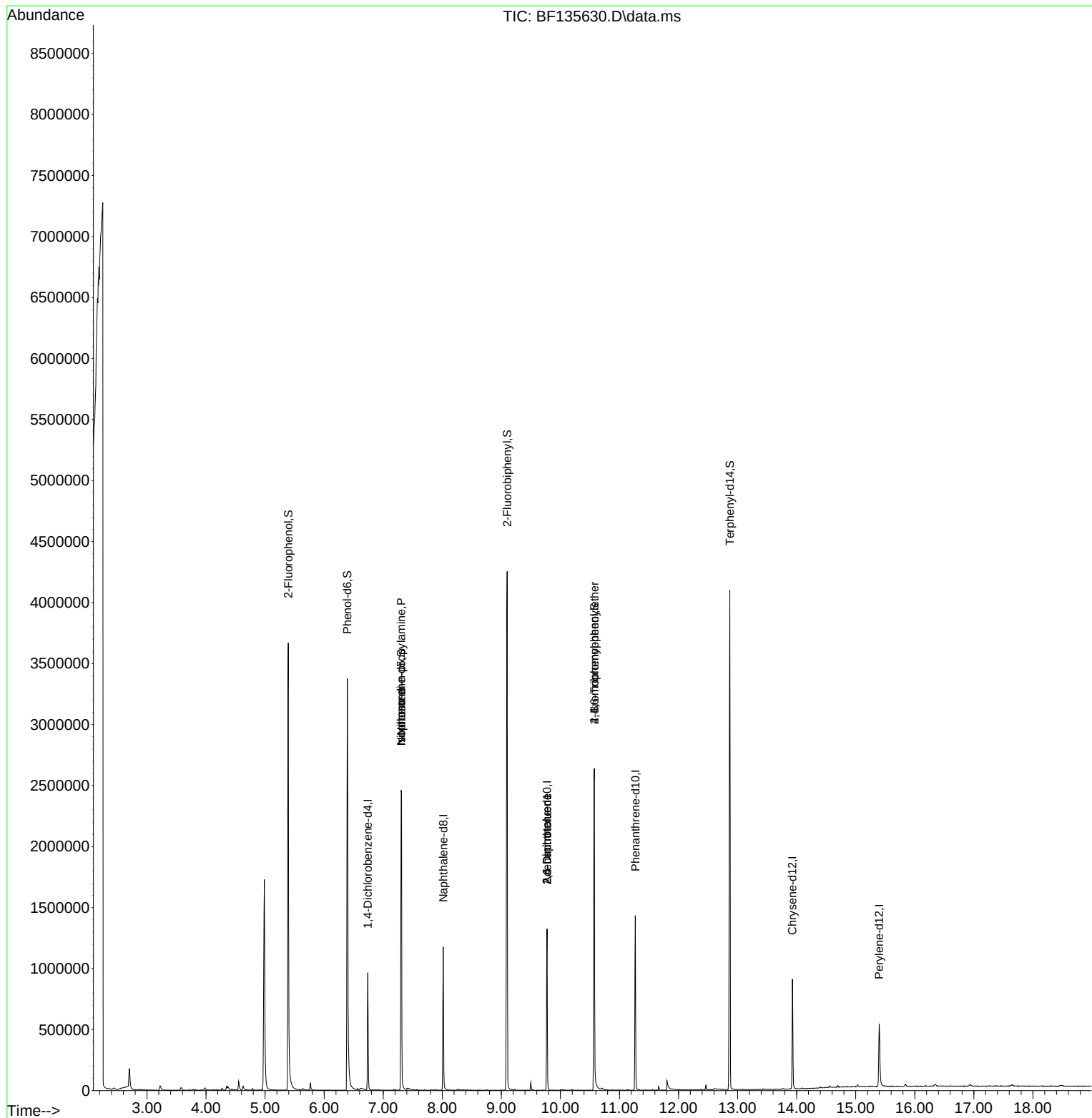
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	130435	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	513902	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	265081	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	519158	20.000	ng	0.00
76) Chrysene-d12	13.927	240	302344	20.000	ng	0.00
86) Perylene-d12	15.398	264	265445	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1069667	133.381	ng	0.02
7) Phenol-d6	6.393	99	1258111	123.375	ng	0.00
23) Nitrobenzene-d5	7.304	82	885495	93.614	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	358966	136.268	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1519252	86.469	ng	0.00
79) Terphenyl-d14	12.869	244	1619755	83.049	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	118294	18.728	ng	# 81
25) Isophorone	7.304	82	885485	50.980	ng	# 65
51) 2,6-Dinitrotoluene	9.775	165	34079	8.680	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	34079	6.933	ng	# 19
67) 4-Bromophenyl-phenylether	10.575	248	23423	4.536	ng	# 1

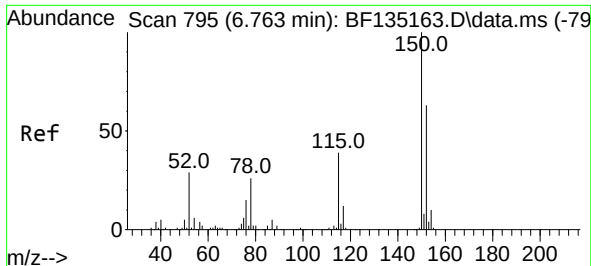
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
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Instrument :
BNA_F
ClientSampleId :

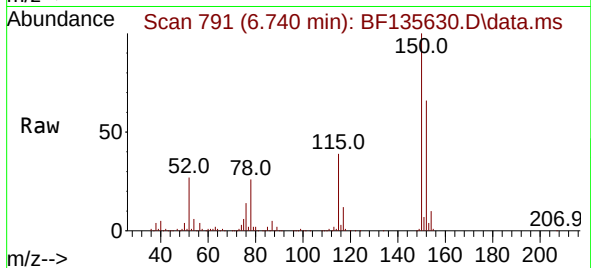
Quant Time: Oct 06 16:11:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 17:06:20 2023
Response via : Initial Calibration



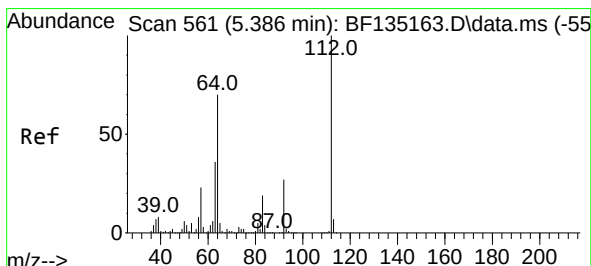
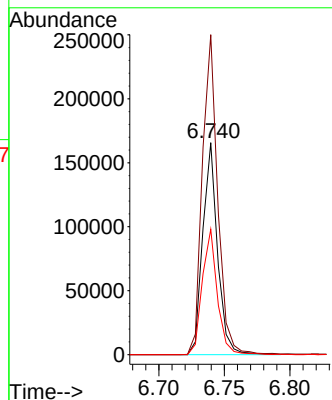
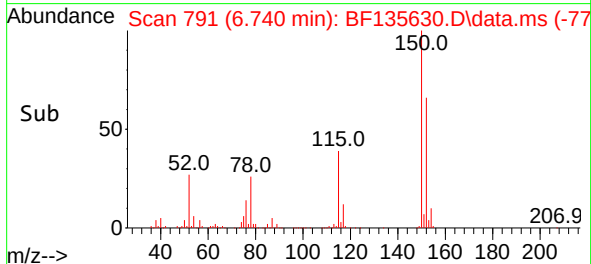


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135630.D
Acq: 06 Oct 2023 15:43

Instrument :
BNA_F
ClientSampleId :

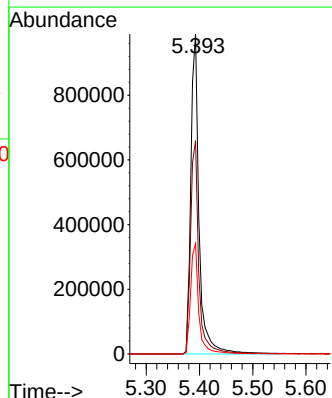
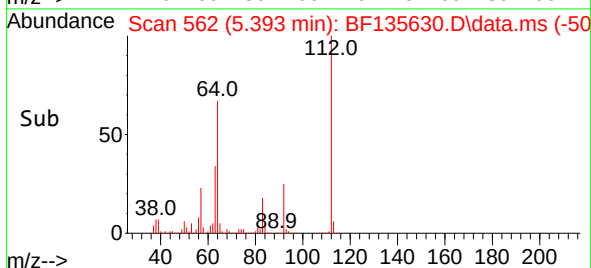
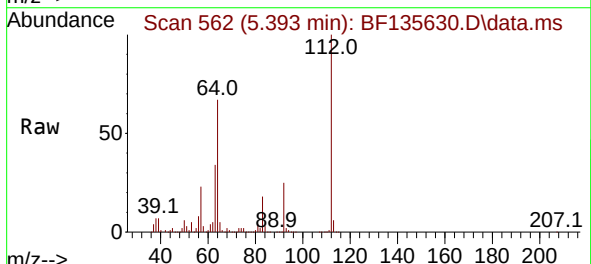


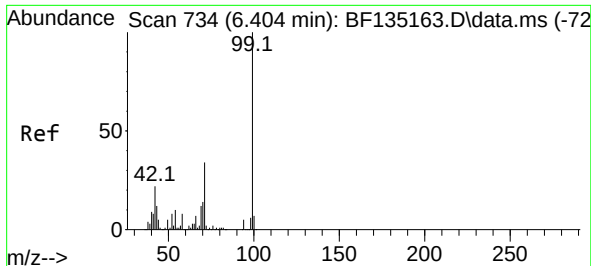
Tgt Ion:152 Resp: 130435
Ion Ratio Lower Upper
152 100
150 150.9 127.8 191.6
115 59.2 49.8 74.8



#5
2-Fluorophenol
Concen: 133.381 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.024 min
Lab File: BF135630.D
Acq: 06 Oct 2023 15:43

Tgt Ion:112 Resp: 1069667
Ion Ratio Lower Upper
112 100
64 66.6 55.9 83.9
63 34.5 29.0 43.6

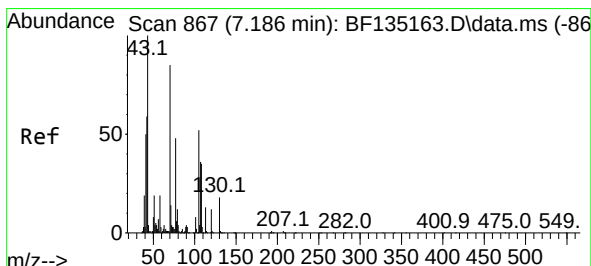
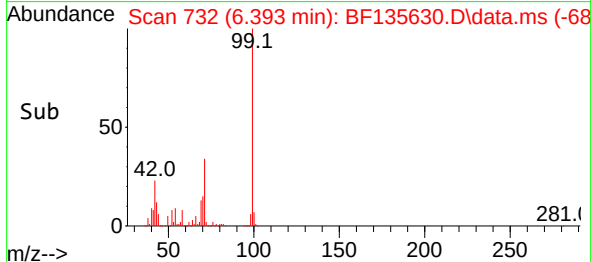
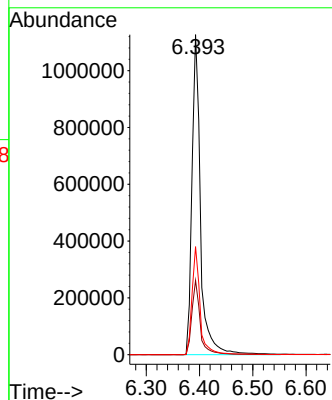
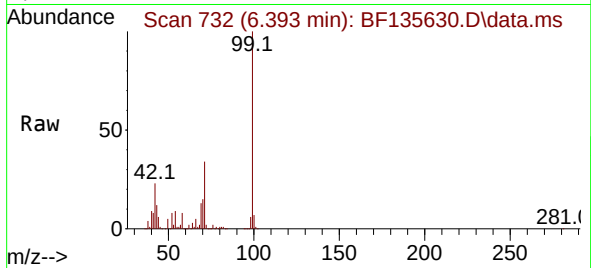




#7
Phenol-d6
Concen: 123.375 ng
RT: 6.393 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135630.D
Acq: 06 Oct 2023 15:43

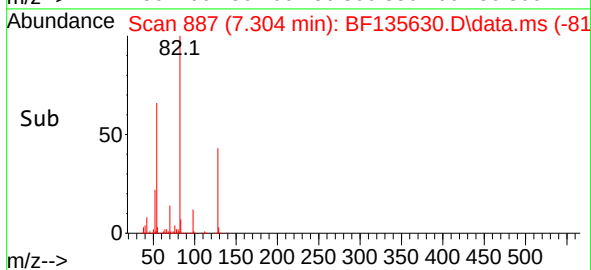
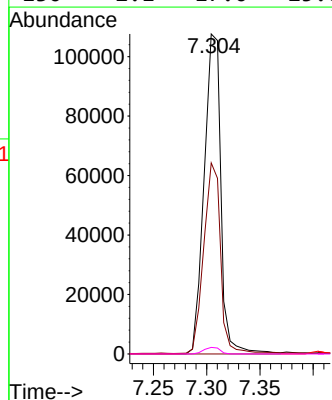
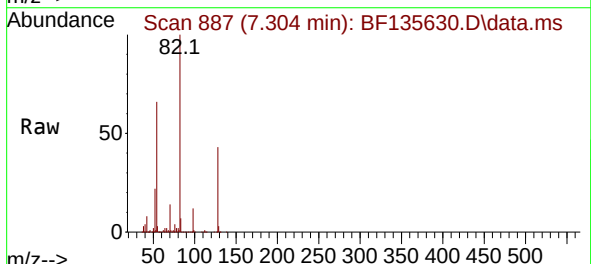
Instrument :
BNA_F
ClientSampleId :

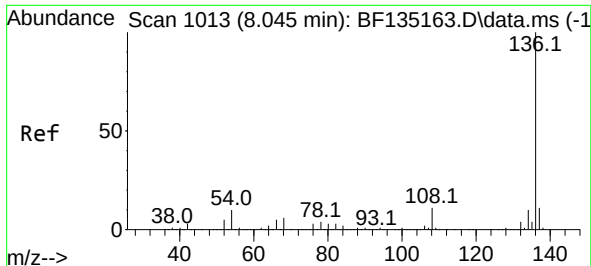
Tgt Ion: 99 Resp: 1258111
Ion Ratio Lower Upper
99 100
42 23.2 17.9 26.9
71 33.8 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.728 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135630.D
Acq: 06 Oct 2023 15:43

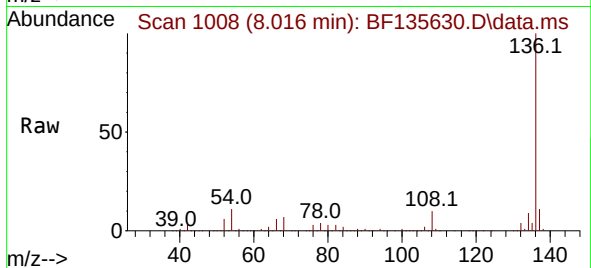
Tgt Ion: 70 Resp: 118294
Ion Ratio Lower Upper
70 100
42 59.7 55.4 83.0
101 0.0 7.7 11.5#
130 2.1 17.0 25.6#



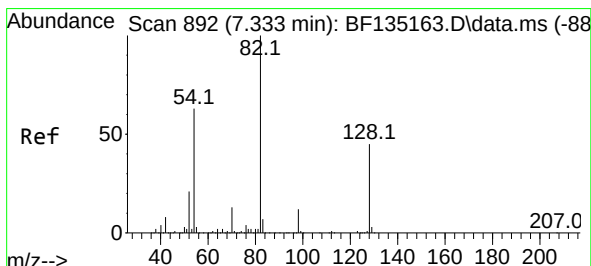
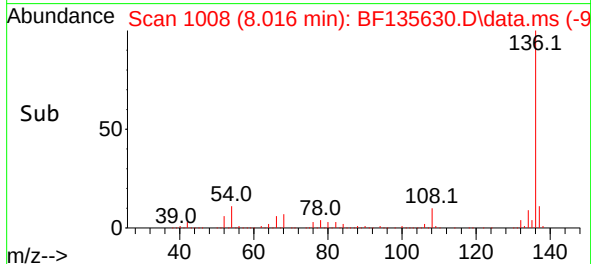
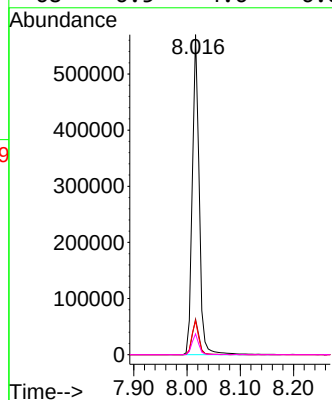


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135630.D
Acq: 06 Oct 2023 15:43

Instrument :
BNA_F
ClientSampleId :

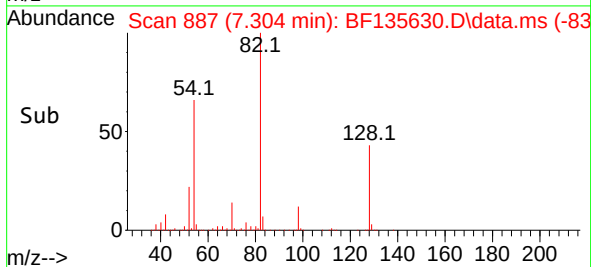
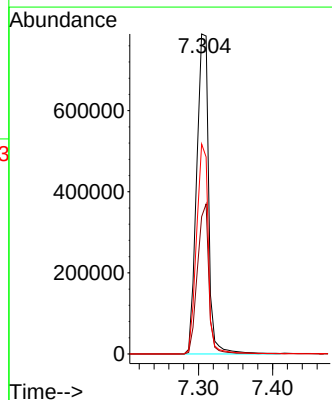
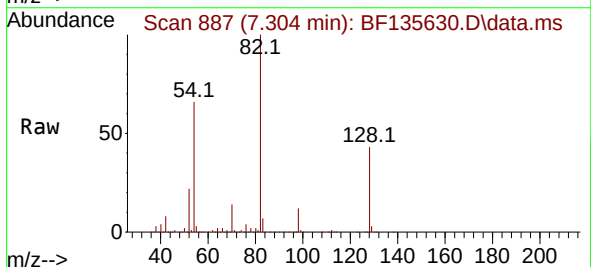


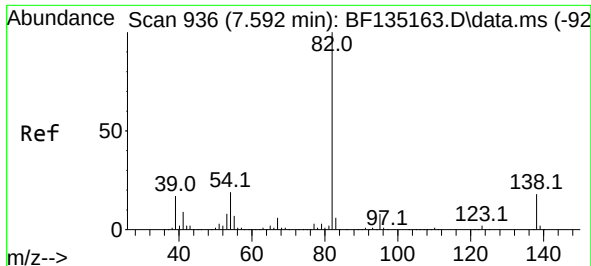
Tgt Ion:136 Resp: 513902
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.6 7.7 11.5
68 6.5 4.6 6.8



#23
Nitrobenzene-d5
Concen: 93.614 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135630.D
Acq: 06 Oct 2023 15:43

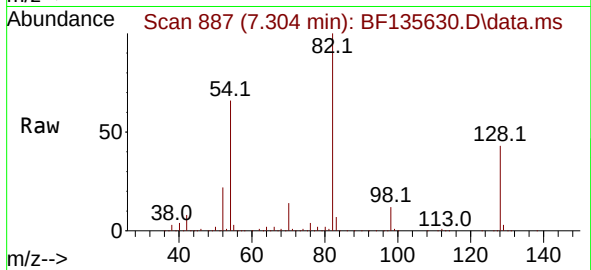
Tgt Ion: 82 Resp: 885495
Ion Ratio Lower Upper
82 100
128 42.9 35.8 53.6
54 65.6 50.6 76.0



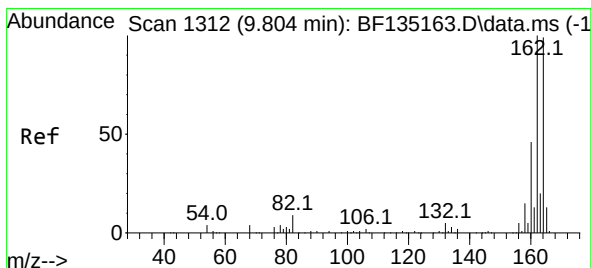
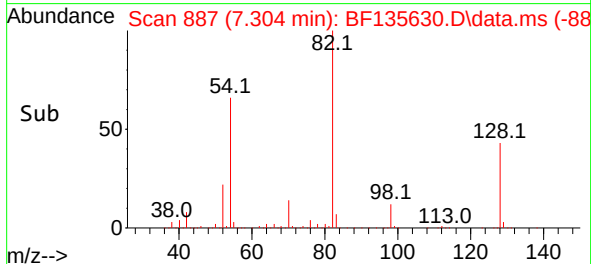
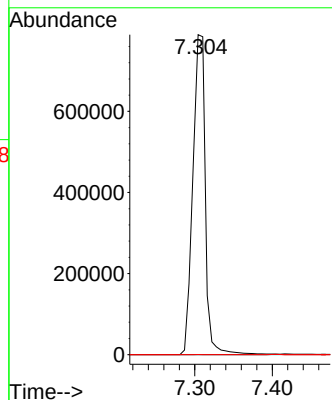


#25
Isophorone
Concen: 50.980 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135630.D
Acq: 06 Oct 2023 15:43

Instrument :
BNA_F
ClientSampleId :

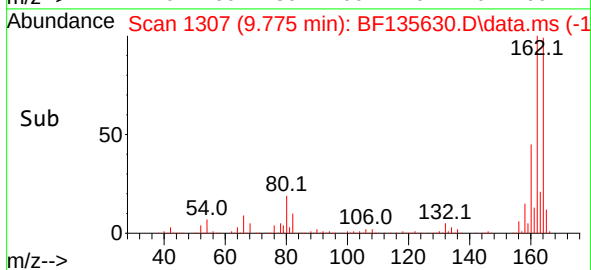
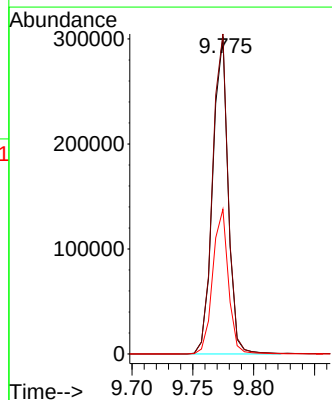
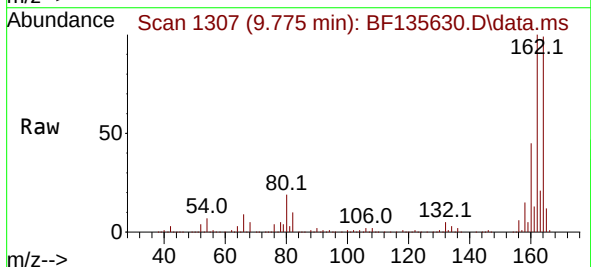


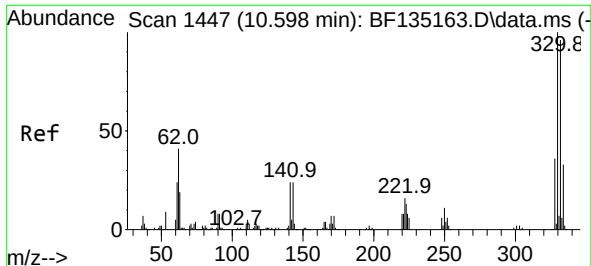
Tgt Ion: 82 Resp: 885485
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF135630.D
Acq: 06 Oct 2023 15:43

Tgt Ion: 164 Resp: 265081
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.4
160 45.5 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 136.268 ng

RT: 10.575 min Scan# 1443

Delta R.T. 0.006 min

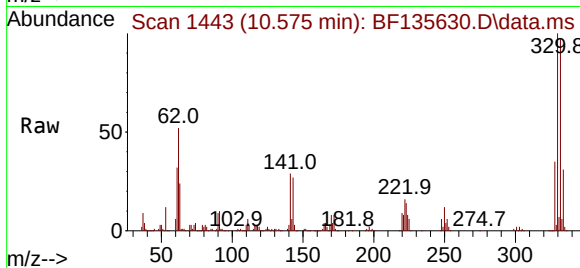
Lab File: BF135630.D

Acq: 06 Oct 2023 15:43

Instrument :

BNA_F

ClientSampleId :



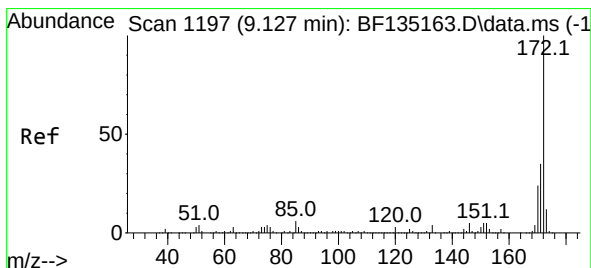
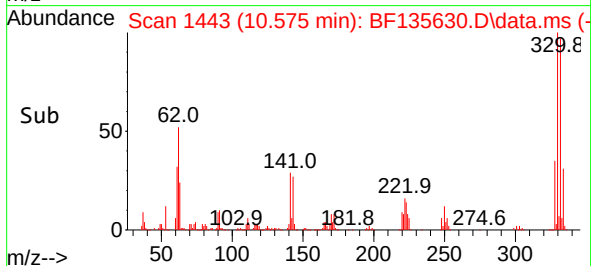
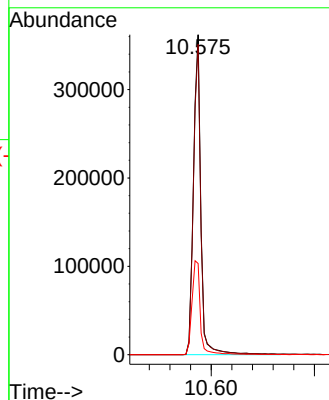
Tgt Ion:330 Resp: 358966

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 33.0 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 86.469 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF135630.D

Acq: 06 Oct 2023 15:43

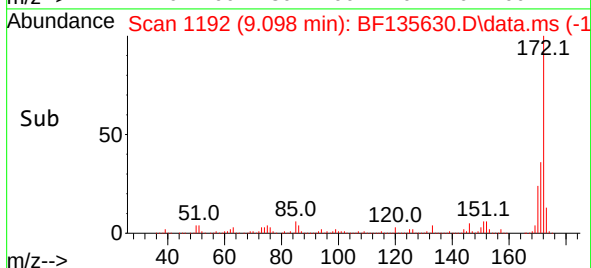
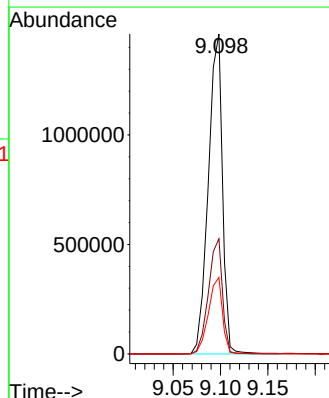
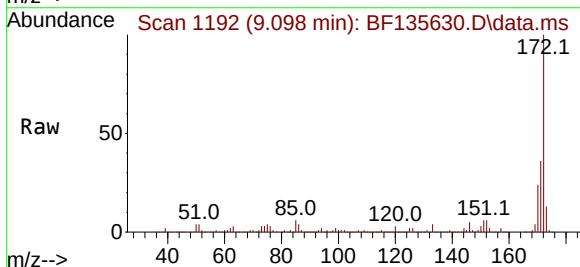
Tgt Ion:172 Resp: 1519252

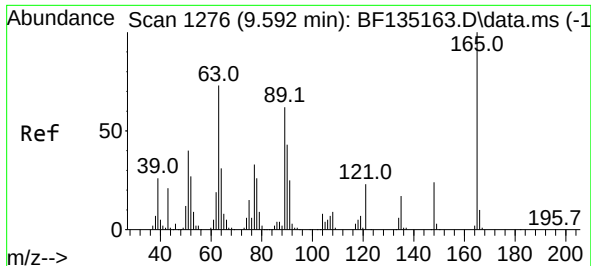
Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 23.9 19.0 28.4

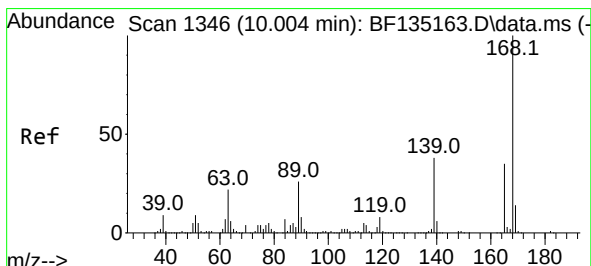
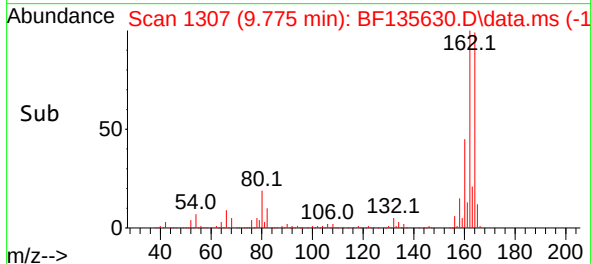
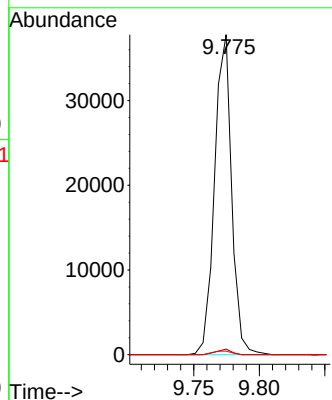
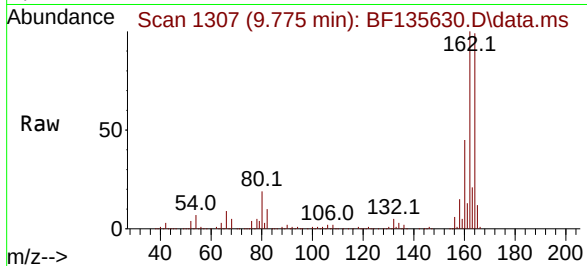




#51
2,6-Dinitrotoluene
Concen: 8.680 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF135630.D
Acq: 06 Oct 2023 15:43

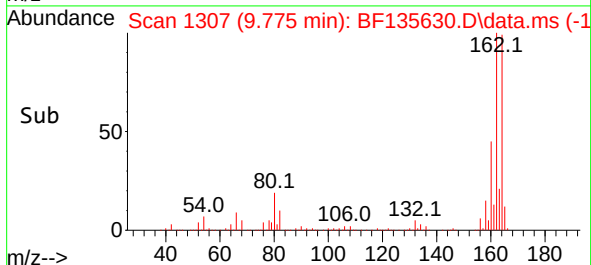
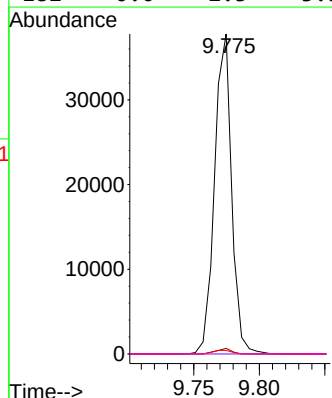
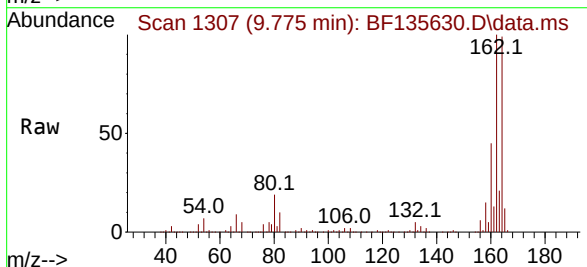
Instrument :
BNA_F
ClientSampleId :

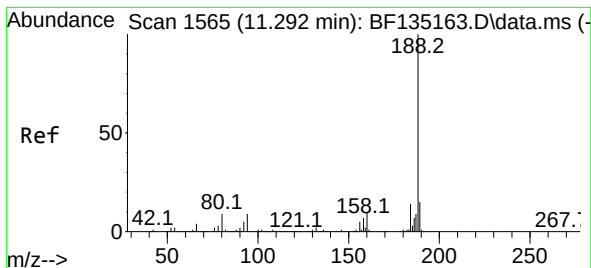
Tgt Ion:165 Resp: 34079
Ion Ratio Lower Upper
165 100
63 1.8 59.4 89.2#
89 1.1 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.933 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF135630.D
Acq: 06 Oct 2023 15:43

Tgt Ion:165 Resp: 34079
Ion Ratio Lower Upper
165 100
63 1.8 50.1 75.1#
89 1.1 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135630.D

Acq: 06 Oct 2023 15:43

Instrument :

BNA_F

ClientSampleId :

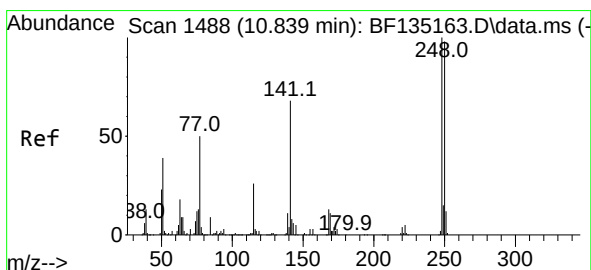
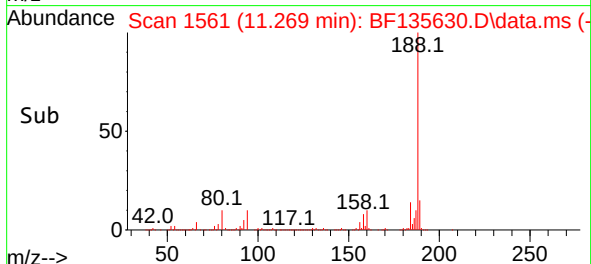
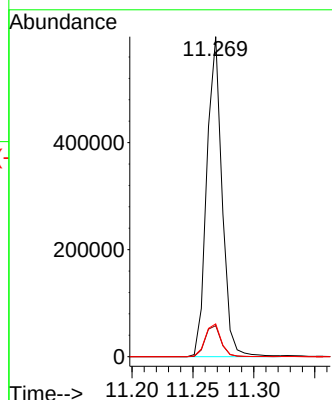
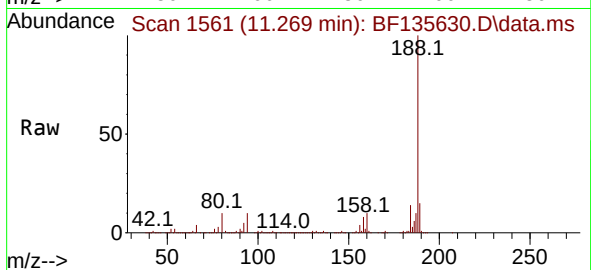
Tgt Ion:188 Resp: 519158

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.6

80 10.2 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 4.536 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.235 min

Lab File: BF135630.D

Acq: 06 Oct 2023 15:43

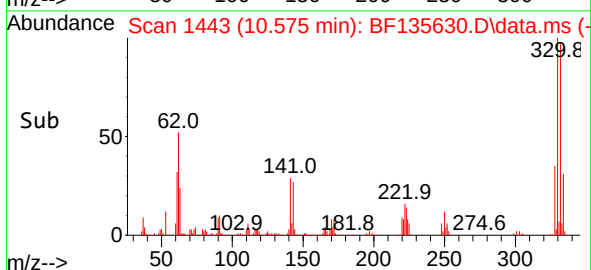
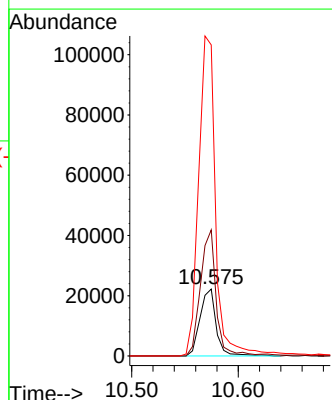
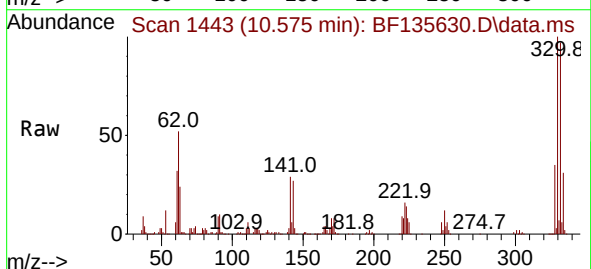
Tgt Ion:248 Resp: 23423

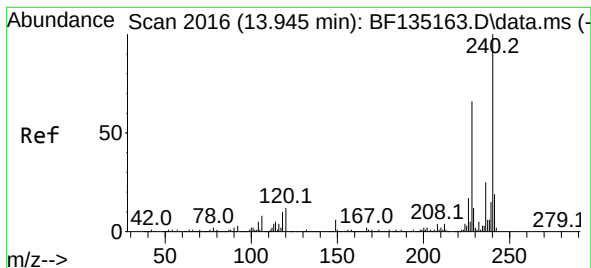
Ion Ratio Lower Upper

248 100

250 188.6 78.6 117.8#

141 465.2 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.927 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF135630.D

Acq: 06 Oct 2023 15:43

Instrument :

BNA_F

ClientSampleId :

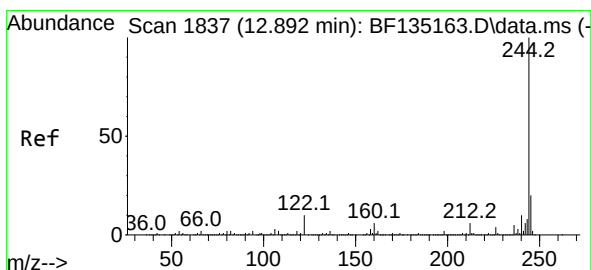
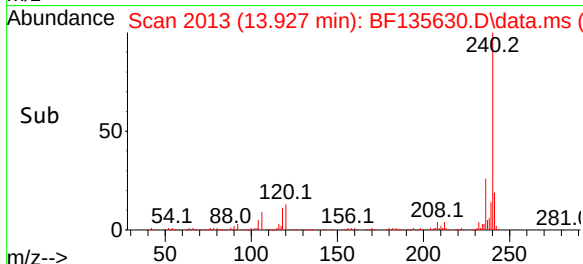
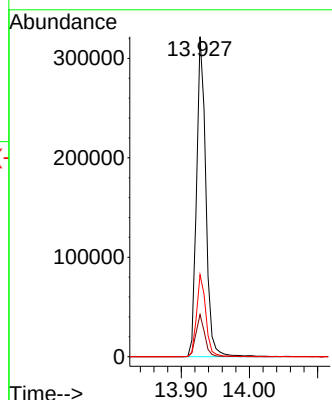
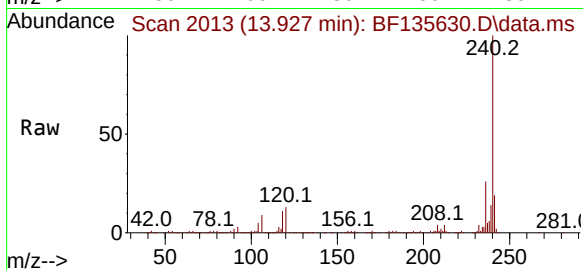
Tgt Ion:240 Resp: 302344

Ion Ratio Lower Upper

240 100

120 13.2 9.4 14.2

236 25.6 19.8 29.8



#79

Terphenyl-d14

Concen: 83.049 ng

RT: 12.869 min Scan# 1833

Delta R.T. 0.006 min

Lab File: BF135630.D

Acq: 06 Oct 2023 15:43

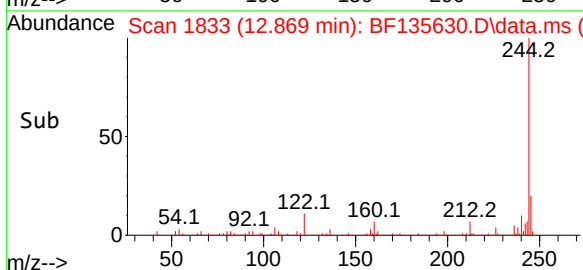
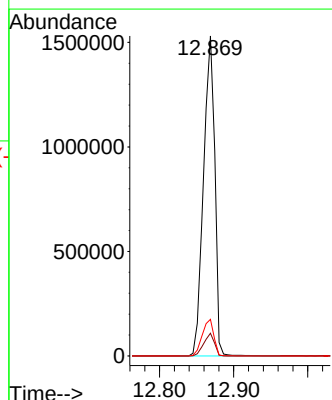
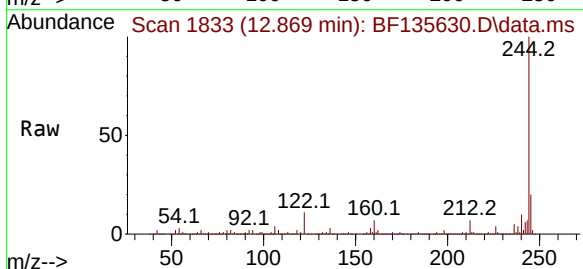
Tgt Ion:244 Resp: 1619755

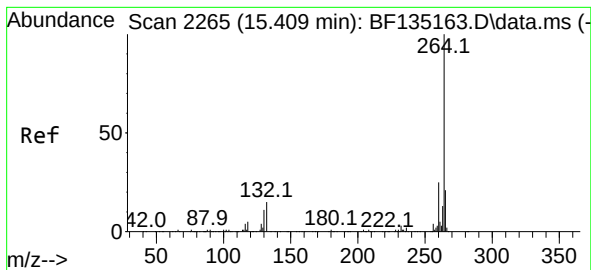
Ion Ratio Lower Upper

244 100

212 7.1 5.1 7.7

122 11.5 7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.398 min Scan# 21

Delta R.T. 0.012 min

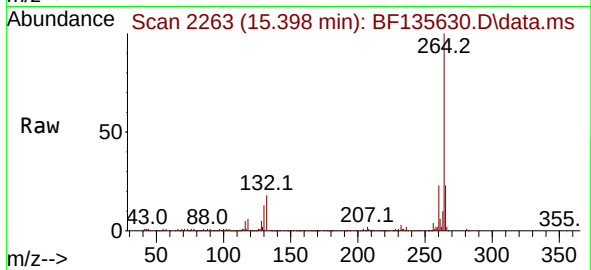
Lab File: BF135630.D

Acq: 06 Oct 2023 15:43

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 265445

Ion Ratio Lower Upper

264 100

260 22.7 19.8 29.6

265 22.8 17.0 25.4

