

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
 Data File : BF135612.D
 Acq On : 05 Oct 2023 21:50
 Operator : CG\JU
 Sample : 04714-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Oct 06 03:48:23 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)

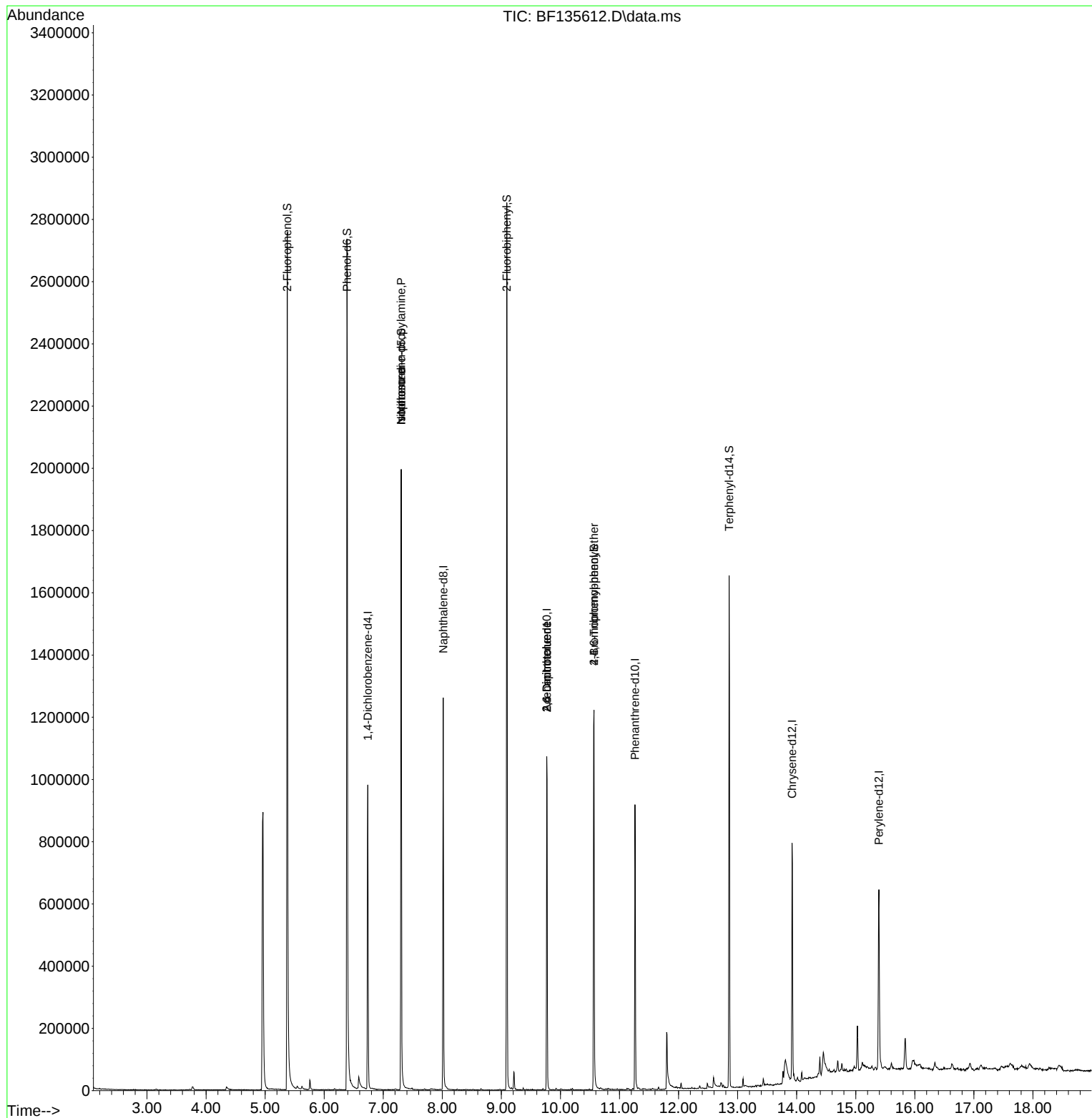
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	144365	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	511210	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	215556	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	326529	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	260902	20.000	ng	0.00
86) Perylene-d12	15.392	264	267661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	770854	86.846	ng	0.00
7) Phenol-d6	6.387	99	943347	83.582	ng	0.00
23) Nitrobenzene-d5	7.304	82	571875	60.777	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	147944	69.065	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	832575	58.274	ng	0.00
79) Terphenyl-d14	12.857	244	552439	32.824	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	75035	10.733	ng	# 78
25) Isophorone	7.304	82	571871	33.098	ng	# 65
51) 2,6-Dinitrotoluene	9.769	165	28199	8.833	ng	# 17
57) 2,4-Dinitrotoluene	9.769	165	28199	7.055	ng	# 18
67) 4-Bromophenyl-phenylether	10.569	248	9452	2.910	ng	# 1

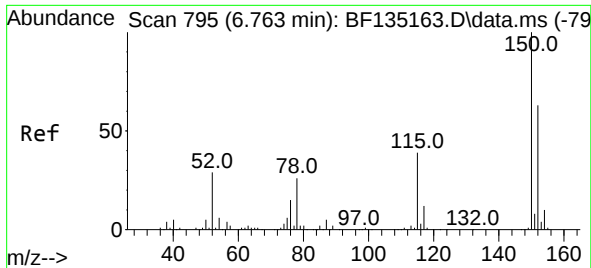
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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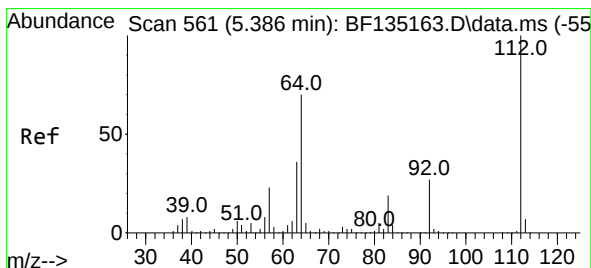
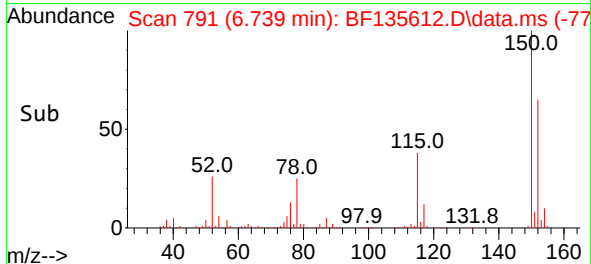
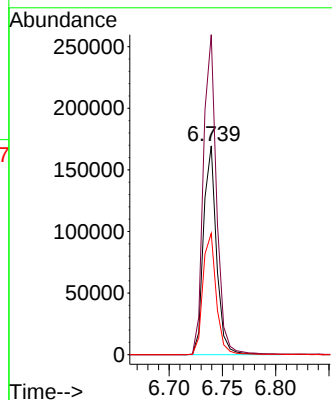
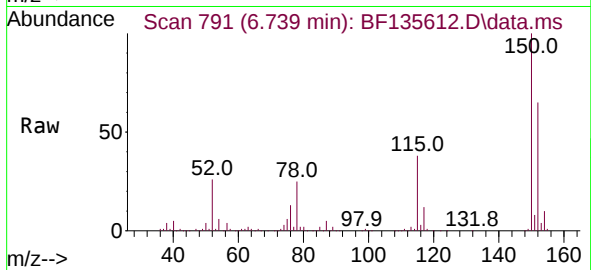




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135612.D
Acq: 05 Oct 2023 21:50

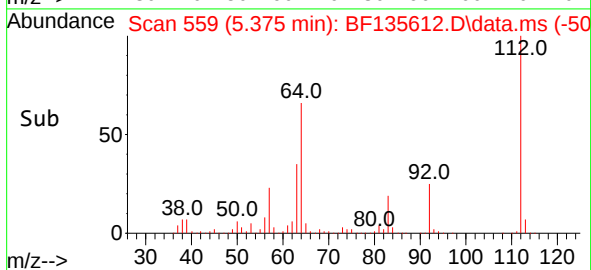
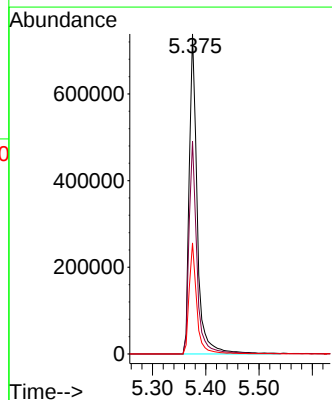
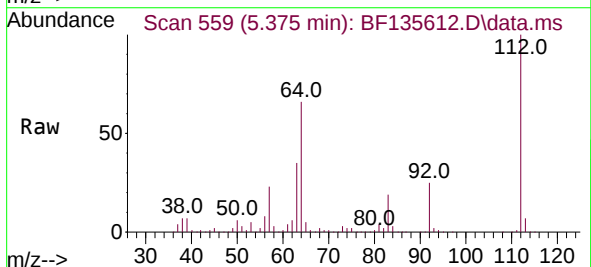
Instrument :
BNA_F
ClientSampleId :
TP-3

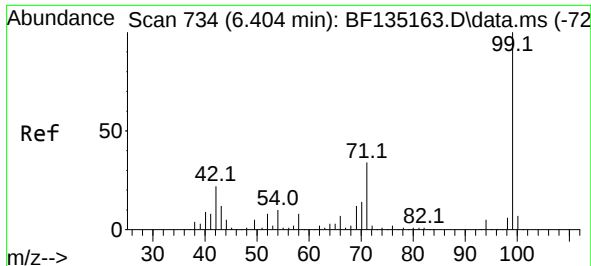
Tgt Ion:152 Resp: 144365
Ion Ratio Lower Upper
152 100
150 153.2 127.8 191.6
115 58.0 49.8 74.8



#5
2-Fluorophenol
Concen: 86.846 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135612.D
Acq: 05 Oct 2023 21:50

Tgt Ion:112 Resp: 770854
Ion Ratio Lower Upper
112 100
64 66.5 55.9 83.9
63 34.7 29.0 43.6

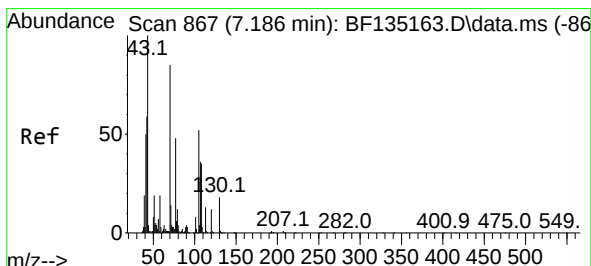
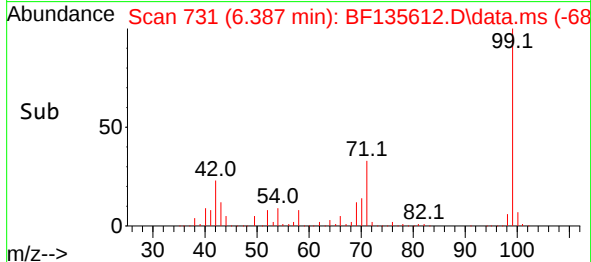
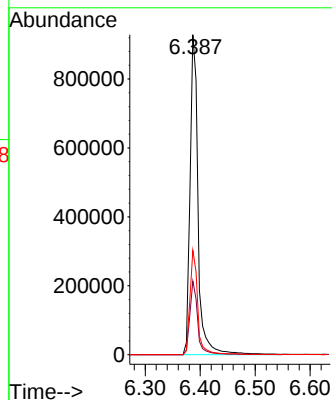
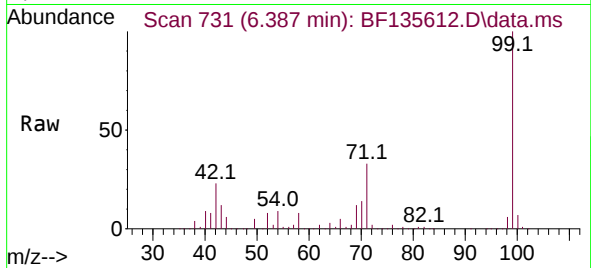




#7
Phenol-d6
Concen: 83.582 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135612.D
Acq: 05 Oct 2023 21:50

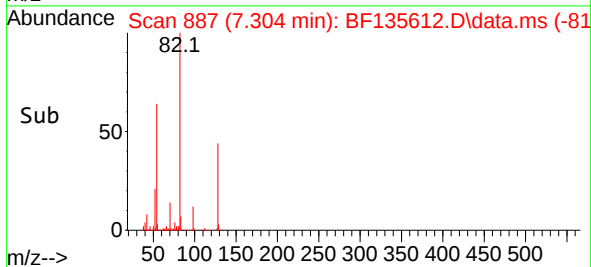
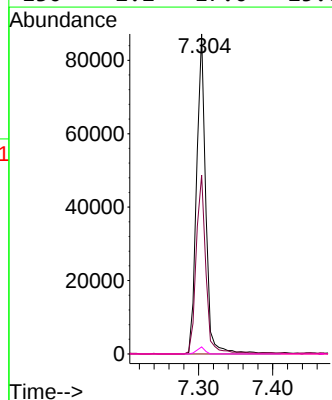
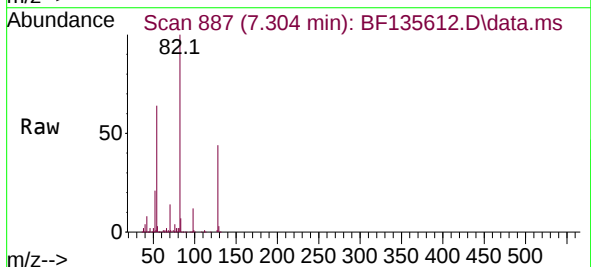
Instrument :
BNA_F
ClientSampleId :
TP-3

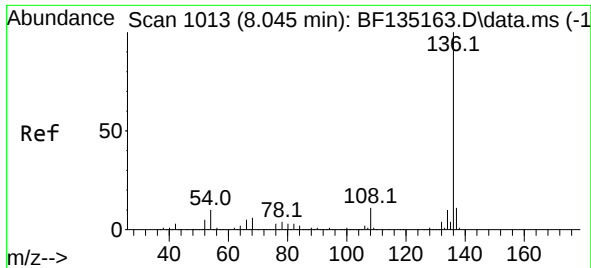
Tgt Ion: 99 Resp: 943347
Ion Ratio Lower Upper
99 100
42 23.0 17.9 26.9
71 32.6 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.733 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135612.D
Acq: 05 Oct 2023 21:50

Tgt Ion: 70 Resp: 75035
Ion Ratio Lower Upper
70 100
42 55.9 55.4 83.0
101 0.0 7.7 11.5#
130 2.2 17.0 25.6#

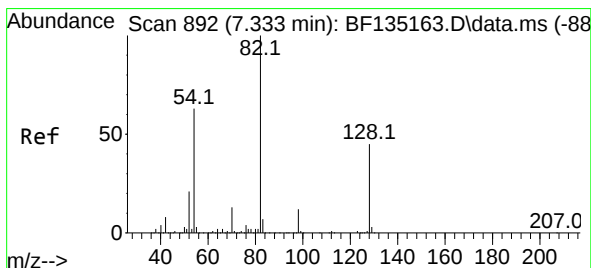
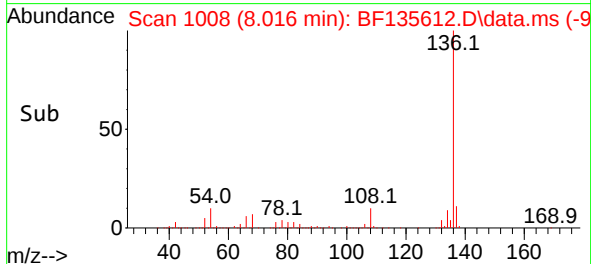
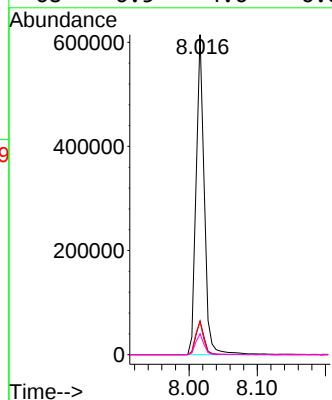
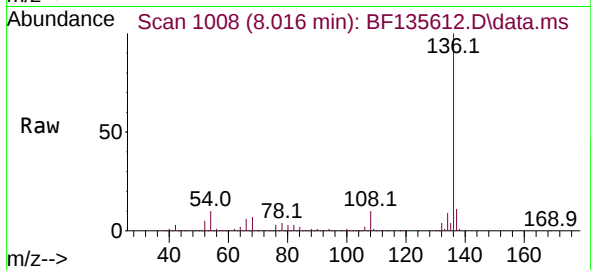




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135612.D
Acq: 05 Oct 2023 21:50

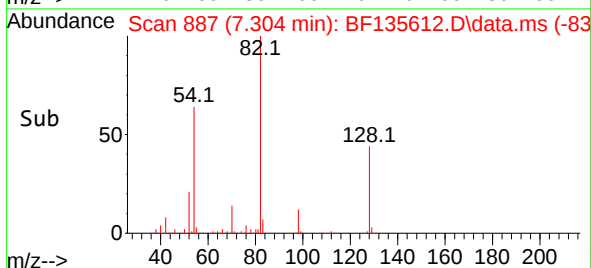
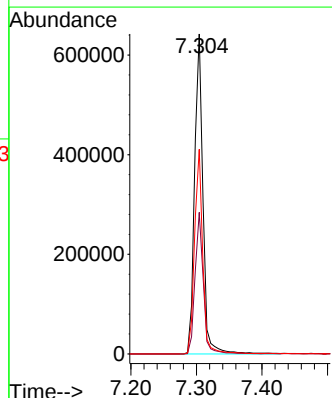
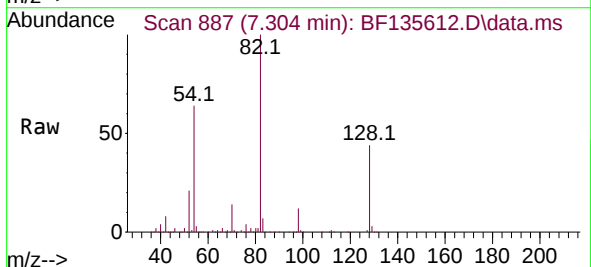
Instrument :
BNA_F
ClientSampleId :
TP-3

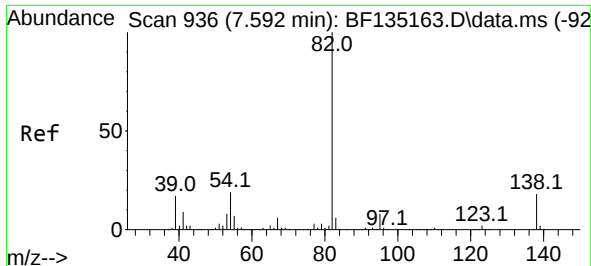
Tgt Ion:136 Resp: 511210
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 10.4 7.7 11.5
68 6.5 4.6 6.8



#23
Nitrobenzene-d5
Concen: 60.777 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135612.D
Acq: 05 Oct 2023 21:50

Tgt Ion: 82 Resp: 571875
Ion Ratio Lower Upper
82 100
128 44.2 35.8 53.6
54 64.0 50.6 76.0

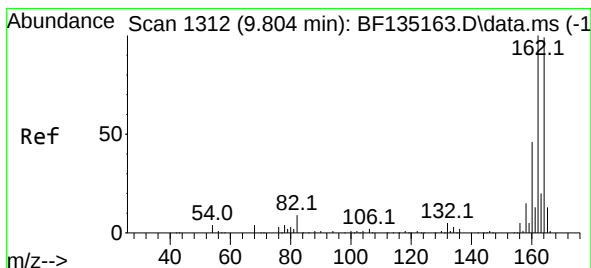
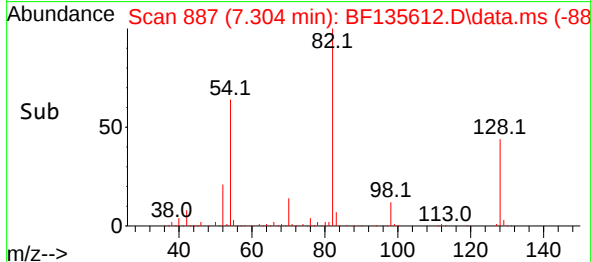
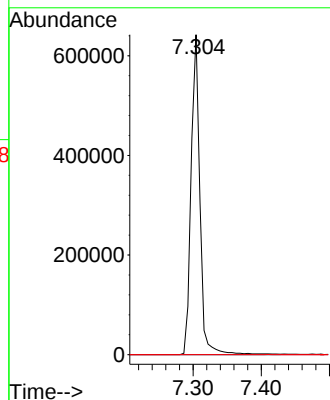
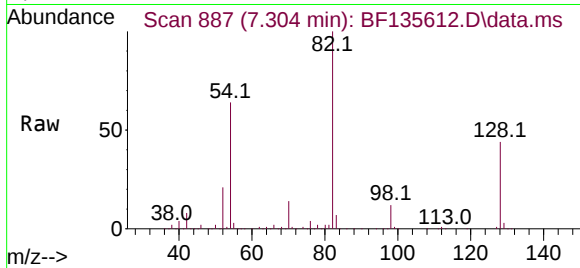




#25
Isophorone
Concen: 33.098 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135612.D
Acq: 05 Oct 2023 21:50

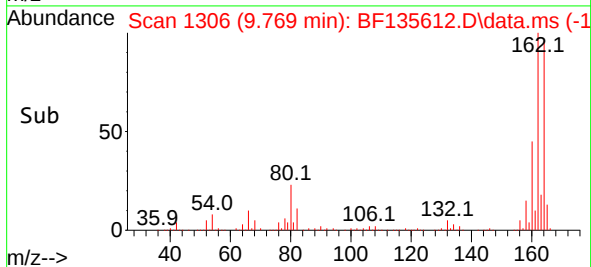
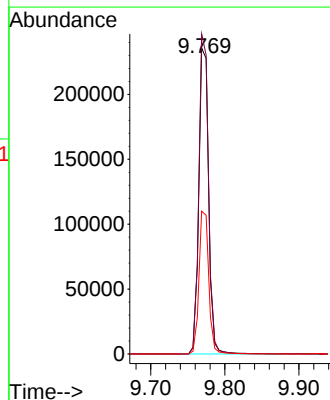
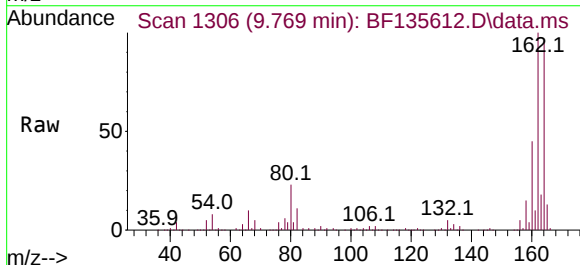
Instrument :
BNA_F
ClientSampleId :
TP-3

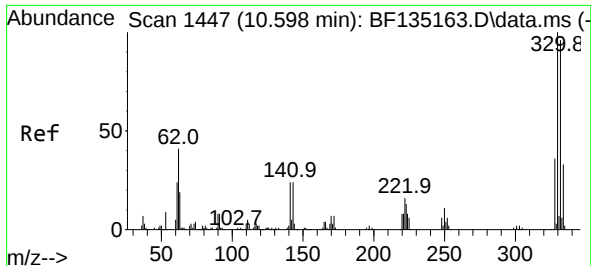
Tgt Ion: 82 Resp: 571871
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF135612.D
Acq: 05 Oct 2023 21:50

Tgt Ion:164 Resp: 215556
Ion Ratio Lower Upper
164 100
162 104.6 81.0 121.4
160 46.6 37.0 55.4

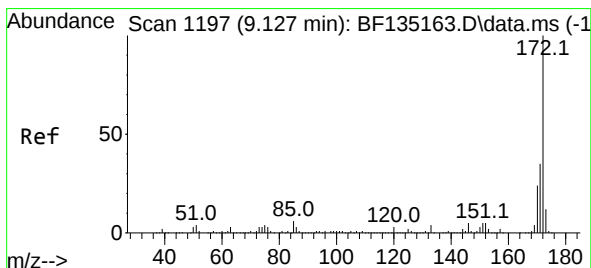
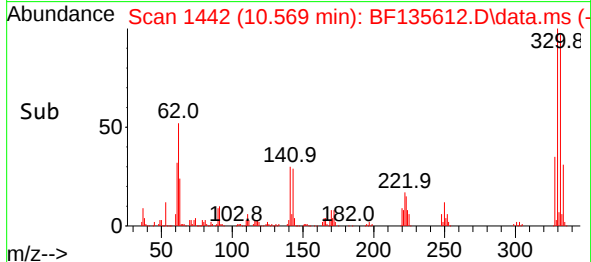
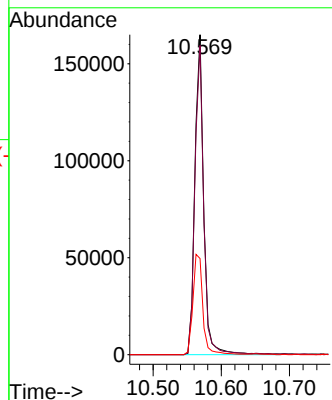
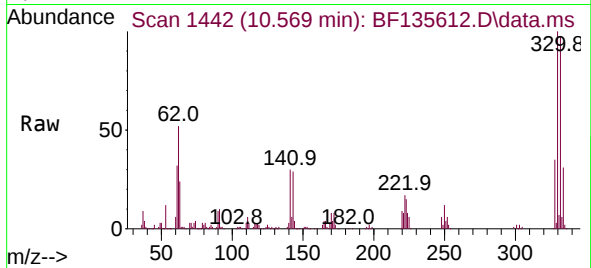




#42
2,4,6-Tribromophenol
Concen: 69.065 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF135612.D
Acq: 05 Oct 2023 21:50

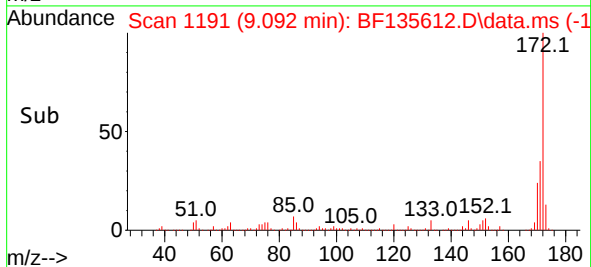
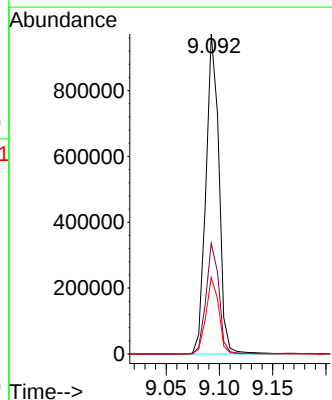
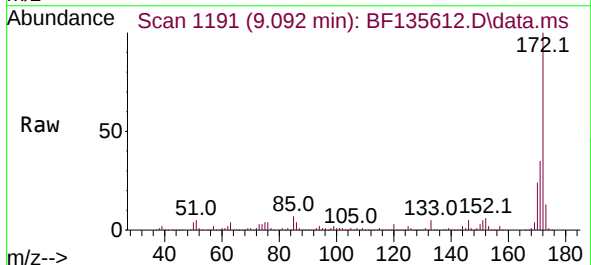
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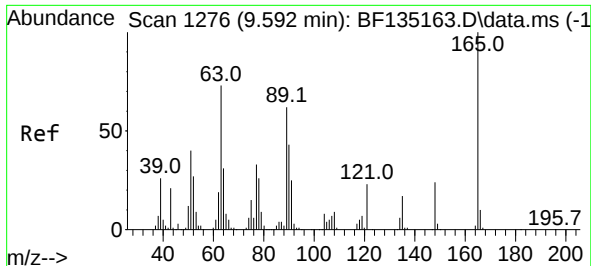
Tgt Ion:330 Resp: 147944
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 35.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 58.274 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF135612.D
Acq: 05 Oct 2023 21:50

Tgt Ion:172 Resp: 832575
Ion Ratio Lower Upper
172 100
171 34.5 28.4 42.6
170 23.9 19.0 28.4

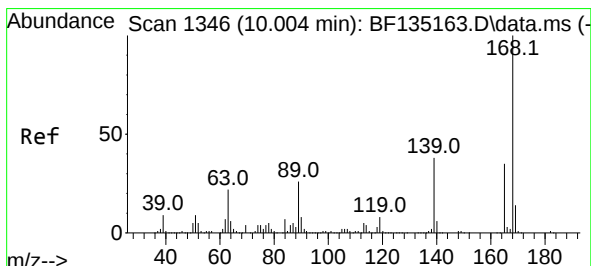
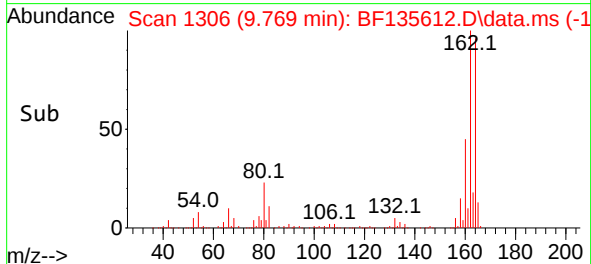
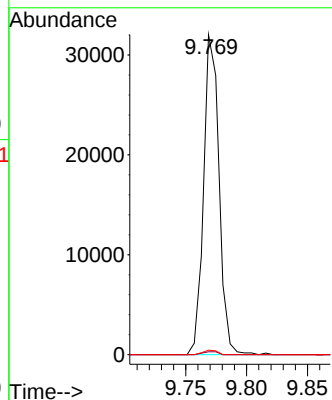
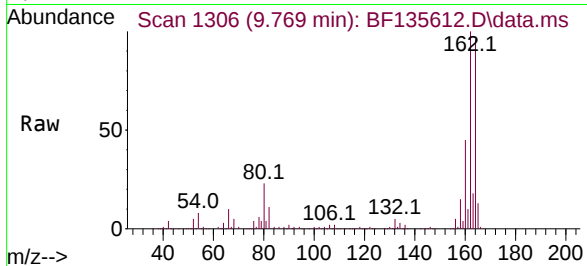




#51
2,6-Dinitrotoluene
Concen: 8.833 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF135612.D
Acq: 05 Oct 2023 21:50

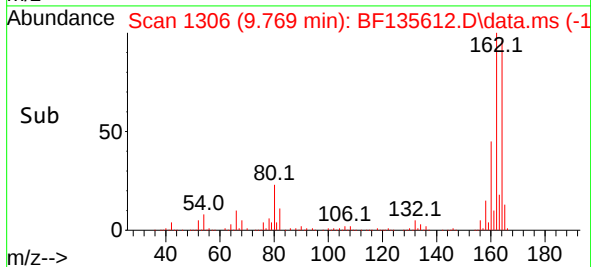
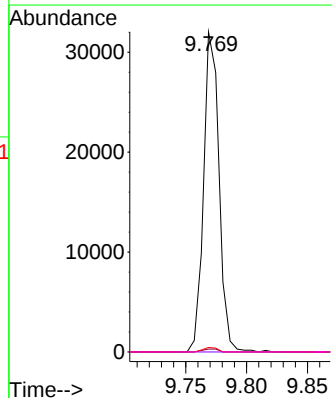
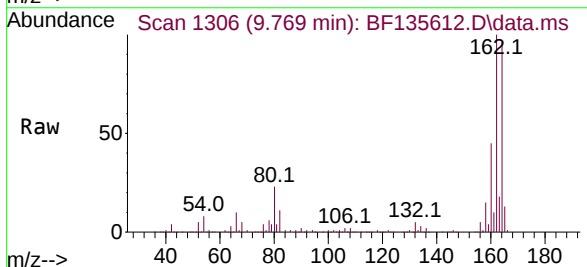
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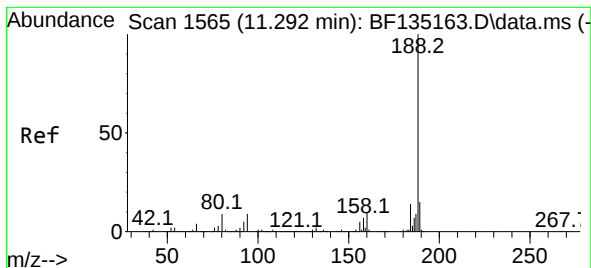
Tgt Ion:165 Resp: 28199
Ion Ratio Lower Upper
165 100
63 0.9 59.4 89.2#
89 1.4 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 7.055 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.218 min
Lab File: BF135612.D
Acq: 05 Oct 2023 21:50

Tgt Ion:165 Resp: 28199
Ion Ratio Lower Upper
165 100
63 0.9 50.1 75.1#
89 1.4 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135612.D

Acq: 05 Oct 2023 21:50

Instrument :

BNA_F

ClientSampleId :

TP-3

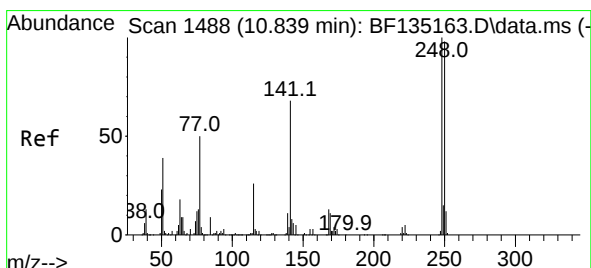
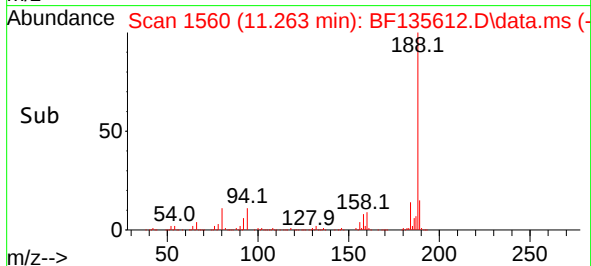
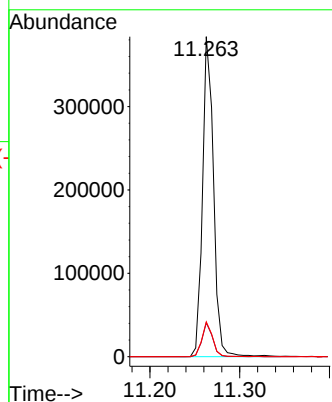
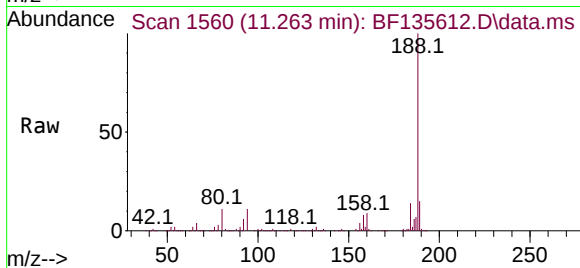
Tgt Ion:188 Resp: 326529

Ion Ratio Lower Upper

188 100

94 10.6 7.0 10.6#

80 10.9 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 2.910 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.241 min

Lab File: BF135612.D

Acq: 05 Oct 2023 21:50

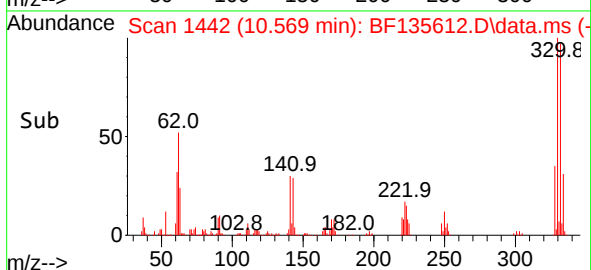
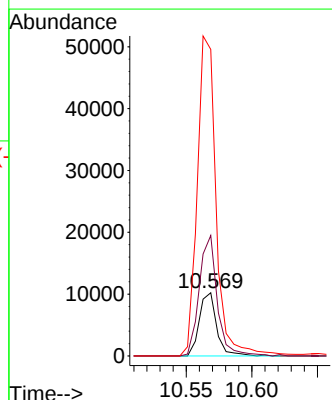
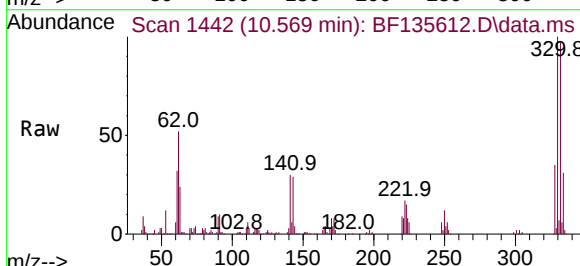
Tgt Ion:248 Resp: 9452

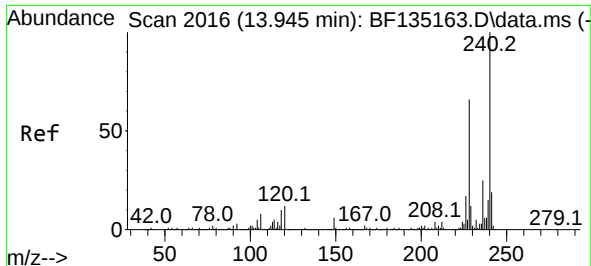
Ion Ratio Lower Upper

248 100

250 190.6 78.6 117.8#

141 485.0 54.2 81.2#

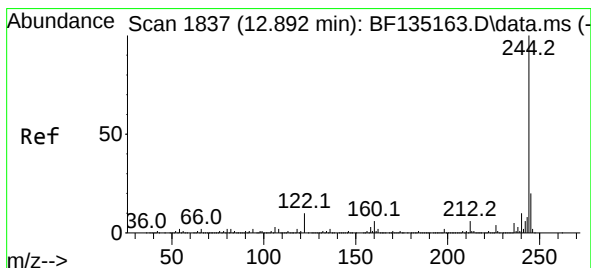
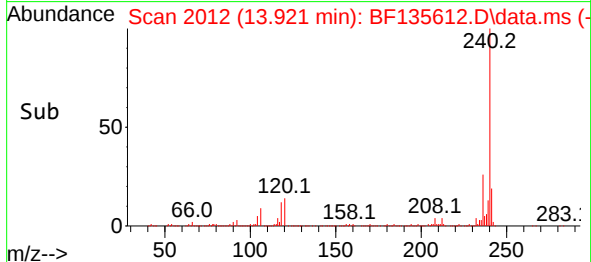
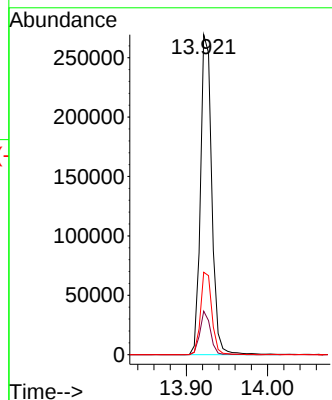
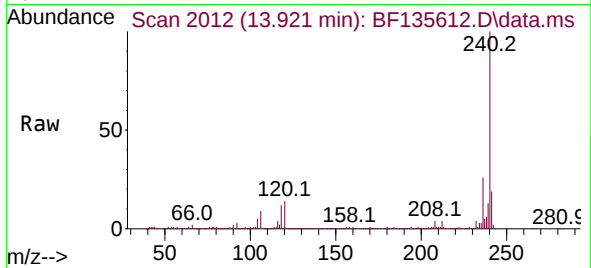




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF135612.D
Acq: 05 Oct 2023 21:50

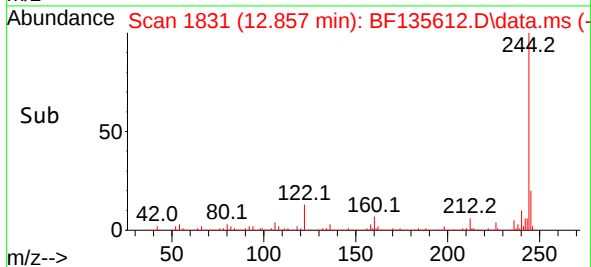
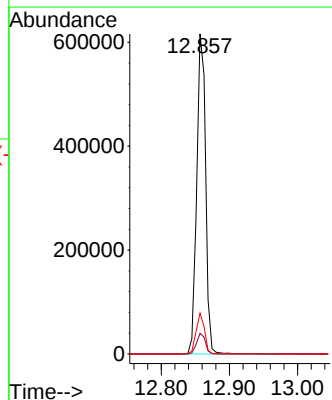
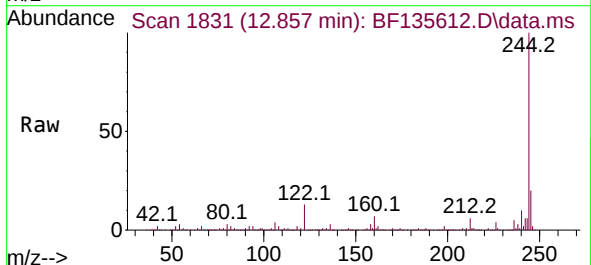
Instrument :
BNA_F
ClientSampleId :
TP-3

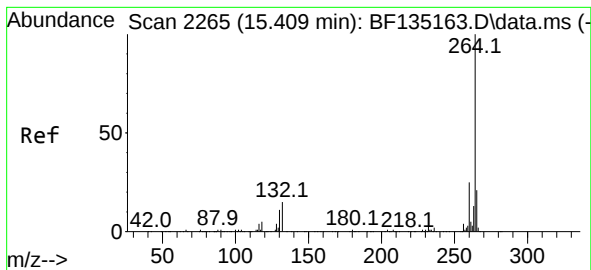
Tgt Ion:240 Resp: 260902
Ion Ratio Lower Upper
240 100
120 13.6 9.4 14.2
236 25.8 19.8 29.8



#79
Terphenyl-d14
Concen: 32.824 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF135612.D
Acq: 05 Oct 2023 21:50

Tgt Ion:244 Resp: 552439
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 12.8 7.9 11.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.392 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135612.D

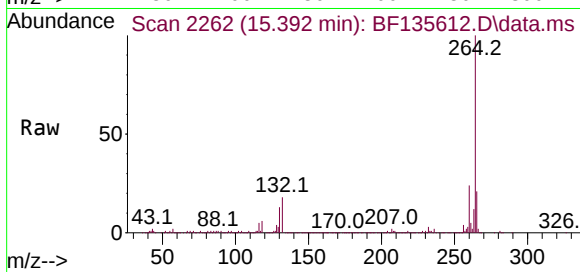
Acq: 05 Oct 2023 21:50

Instrument :

BNA_F

ClientSampleId :

TP-3



Tgt Ion:264 Resp: 267661

Ion Ratio Lower Upper

264 100

260 23.8 19.8 29.6

265 21.3 17.0 25.4

