

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135582.D
 Acq On : 04 Oct 2023 21:46
 Operator : CG\JU
 Sample : 04687-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-3-092923

Quant Time: Oct 04 23:28:46 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)

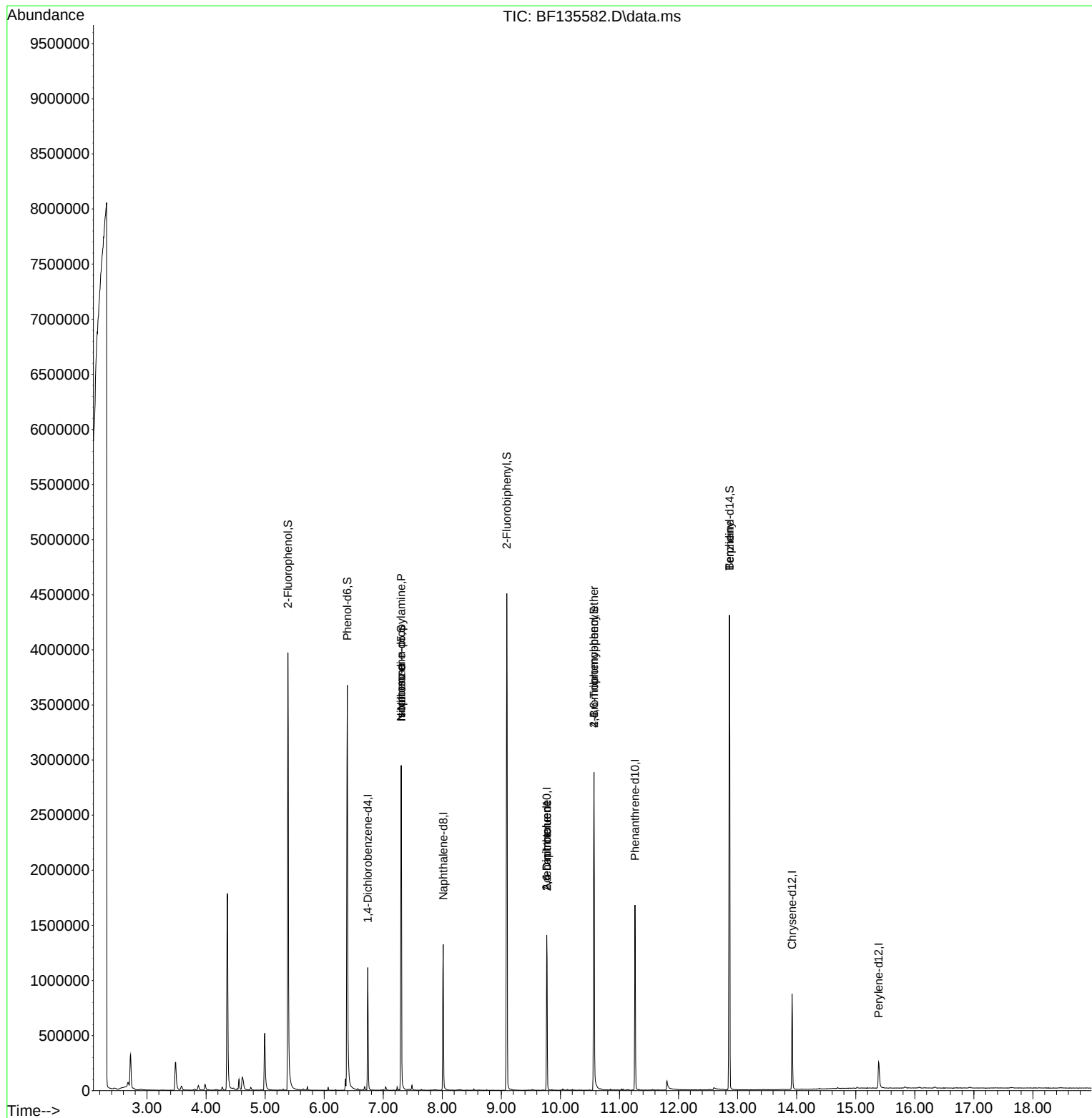
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	156619	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	597642	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	275137	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	583167	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	279396	20.000	ng	0.00
86) Perylene-d12	15.386	264	82770	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	1166076	121.094	ng	0.02
7) Phenol-d6	6.392	99	1341763	109.581	ng	0.00
23) Nitrobenzene-d5	7.304	82	961018	87.363	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	375269	137.250	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1593725	87.392	ng	0.00
79) Terphenyl-d14	12.862	244	1696633	94.135	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	128055	16.884	ng	# 80
25) Isophorone	7.304	82	961007	47.576	ng	# 65
51) 2,6-Dinitrotoluene	9.769	165	34618	8.495	ng	# 17
57) 2,4-Dinitrotoluene	9.769	165	34618	6.786	ng	# 19
67) 4-Bromophenyl-phenylether	10.569	248	24111	4.157	ng	# 1
77) Benzidine	12.862	184	21201	3.704	ng	# 96

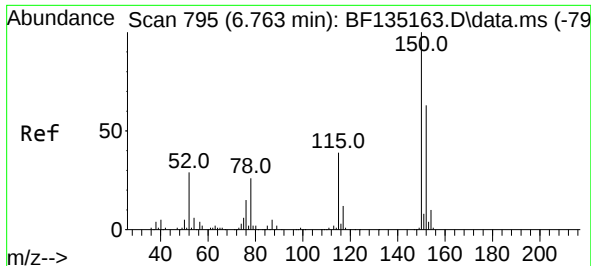
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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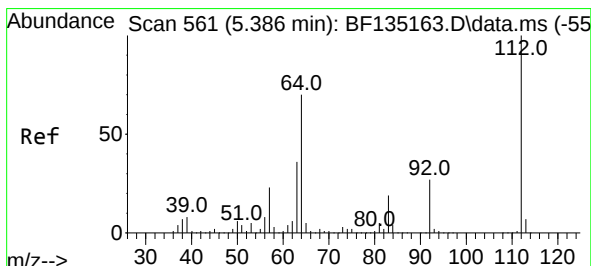
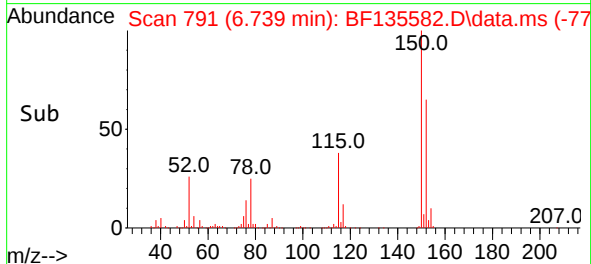
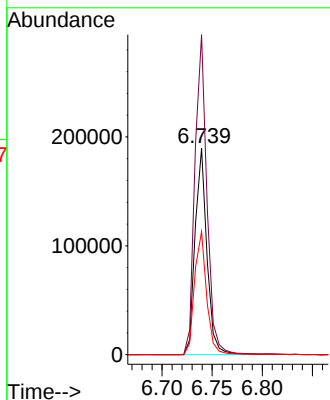
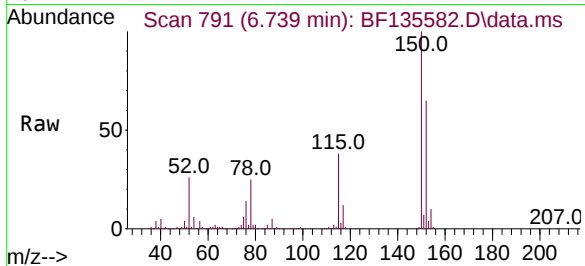




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135582.D
Acq: 04 Oct 2023 21:46

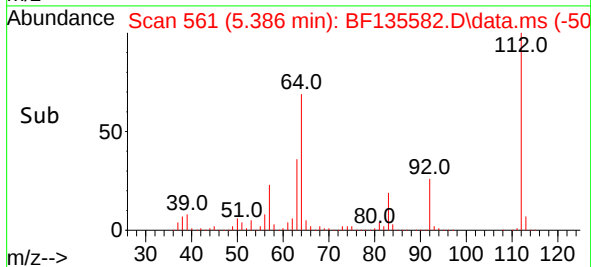
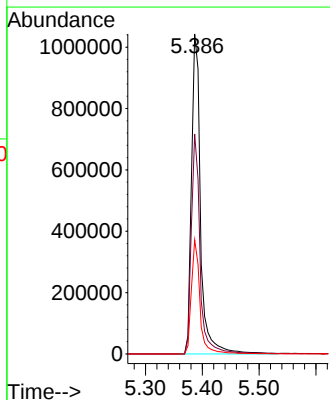
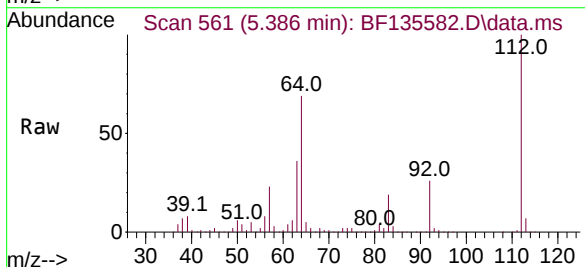
Instrument :
BNA_F
ClientSampleId :
HR-3-092923

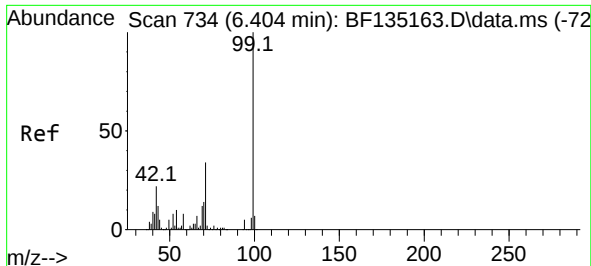
Tgt Ion:152 Resp: 156619
Ion Ratio Lower Upper
152 100
150 155.0 127.8 191.6
115 59.6 49.8 74.8



#5
2-Fluorophenol
Concen: 121.094 ng
RT: 5.386 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF135582.D
Acq: 04 Oct 2023 21:46

Tgt Ion:112 Resp: 1166076
Ion Ratio Lower Upper
112 100
64 68.7 55.9 83.9
63 35.7 29.0 43.6

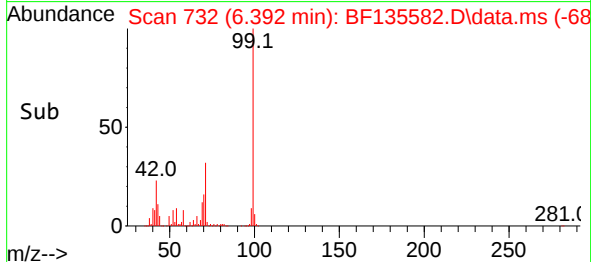
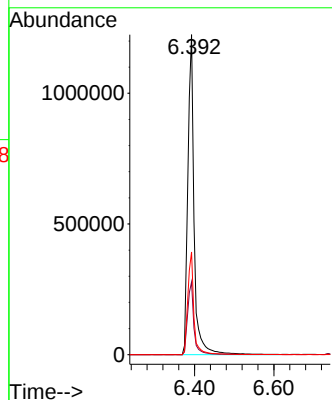
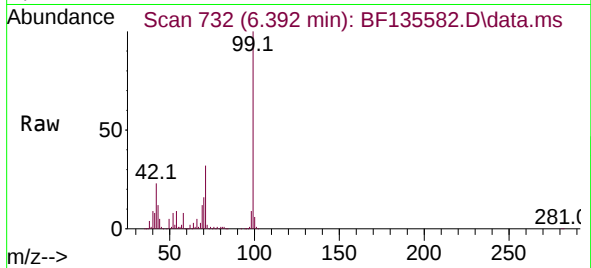




#7
Phenol-d6
Concen: 109.581 ng
RT: 6.392 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135582.D
Acq: 04 Oct 2023 21:46

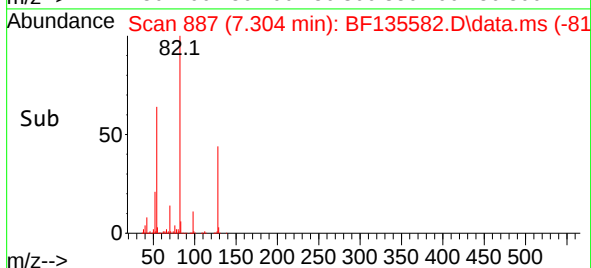
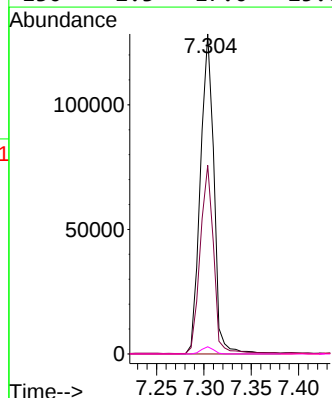
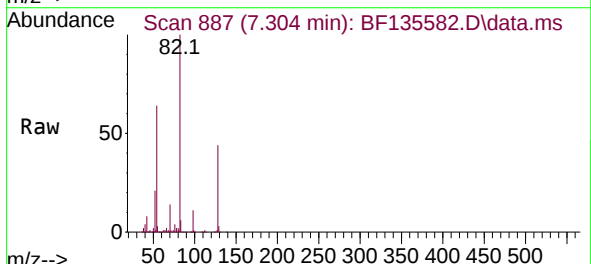
Instrument :
BNA_F
ClientSampleId :
HR-3-092923

Tgt Ion: 99 Resp: 1341763
Ion Ratio Lower Upper
99 100
42 22.7 17.9 26.9
71 32.1 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.884 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135582.D
Acq: 04 Oct 2023 21:46

Tgt Ion: 70 Resp: 128055
Ion Ratio Lower Upper
70 100
42 59.0 55.4 83.0
101 0.0 7.7 11.5#
130 2.3 17.0 25.6#





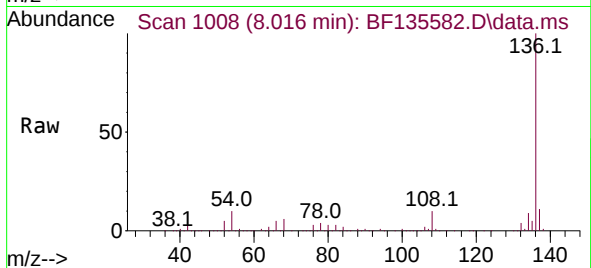
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135582.D
Acq: 04 Oct 2023 21:46

Instrument :

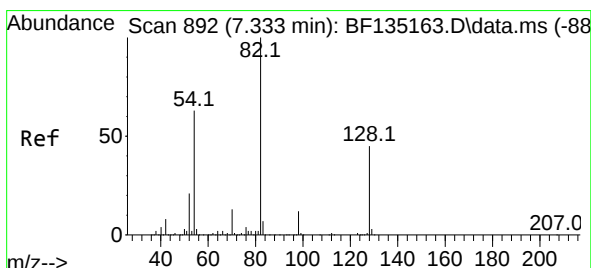
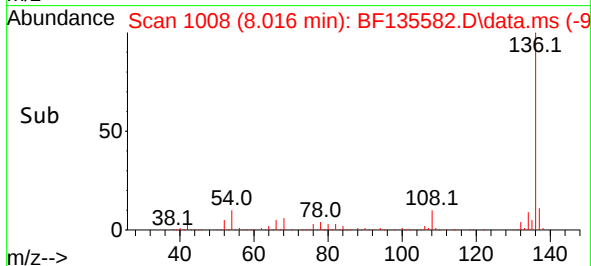
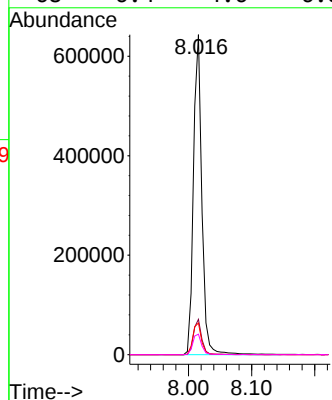
BNA_F

ClientSampleId :

HR-3-092923

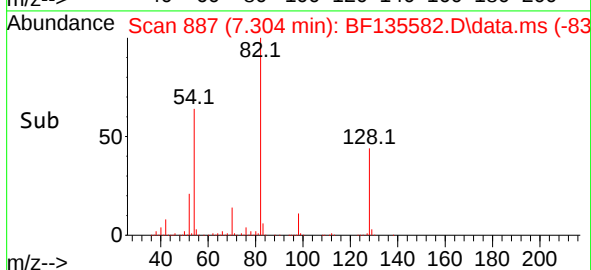
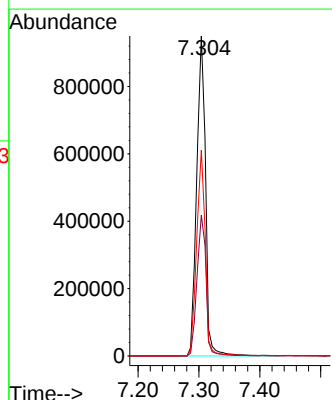
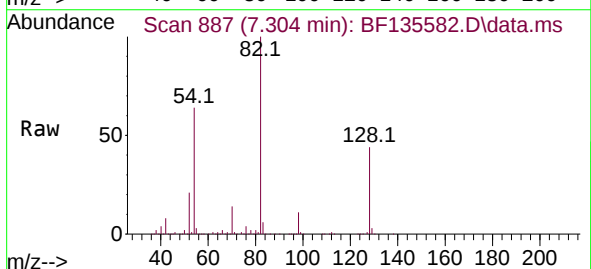


Tgt Ion:136 Resp: 597642
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.9 7.7 11.5
68 6.4 4.6 6.8



#23
Nitrobenzene-d5
Concen: 87.363 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135582.D
Acq: 04 Oct 2023 21:46

Tgt Ion: 82 Resp: 961018
Ion Ratio Lower Upper
82 100
128 44.1 35.8 53.6
54 64.4 50.6 76.0

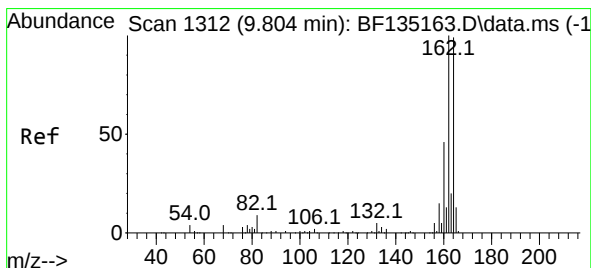
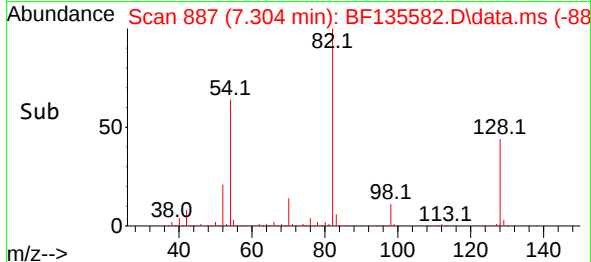
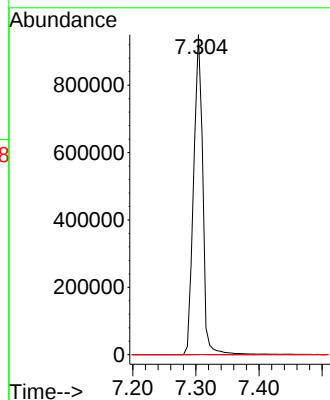
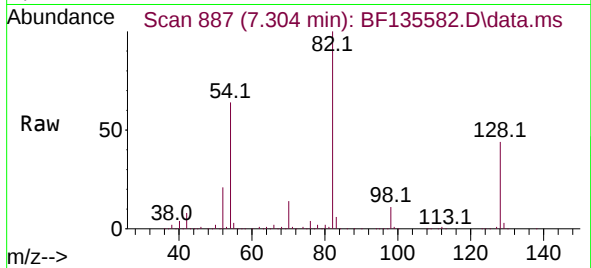




#25
Isophorone
Concen: 47.576 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135582.D
Acq: 04 Oct 2023 21:46

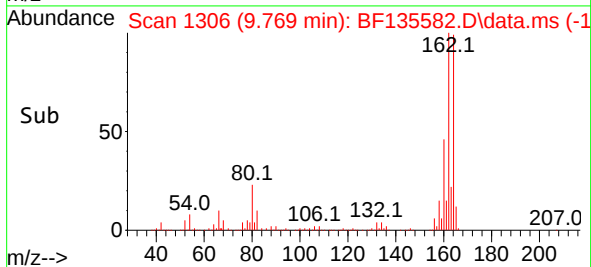
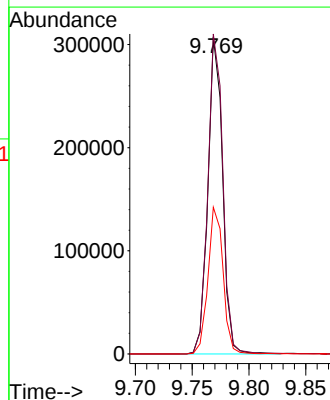
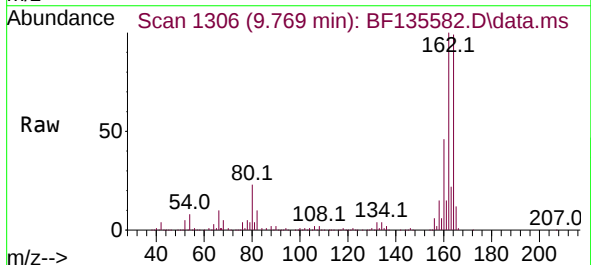
Instrument :
BNA_F
ClientSampleId :
HR-3-092923

Tgt Ion: 82 Resp: 961007
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: BF135582.D
Acq: 04 Oct 2023 21:46

Tgt Ion:164 Resp: 275137
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.4
160 46.3 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 137.250 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF135582.D

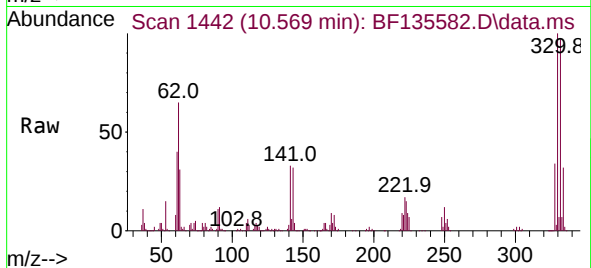
Acq: 04 Oct 2023 21:46

Instrument :

BNA_F

ClientSampleId :

HR-3-092923



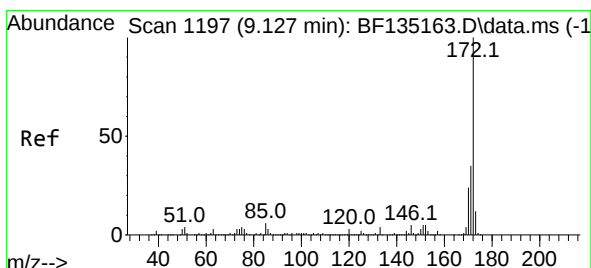
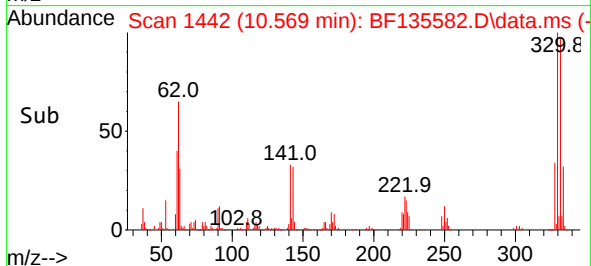
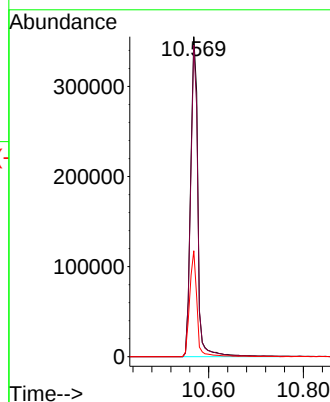
Tgt Ion:330 Resp: 375269

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

141 33.2 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 87.392 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF135582.D

Acq: 04 Oct 2023 21:46

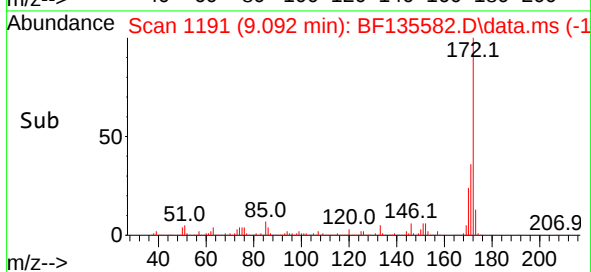
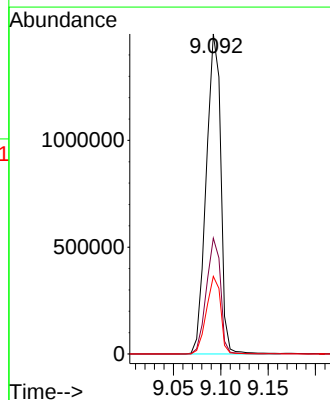
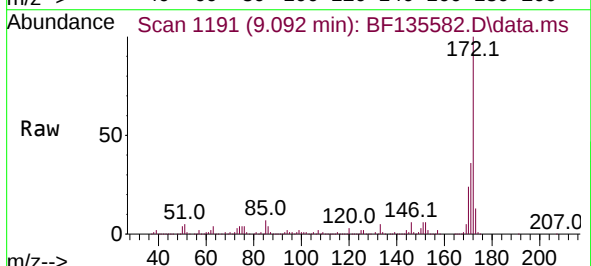
Tgt Ion:172 Resp: 1593725

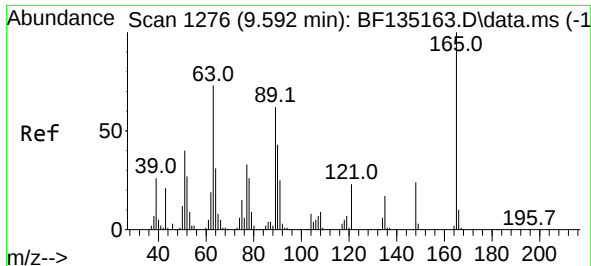
Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

170 24.3 19.0 28.4

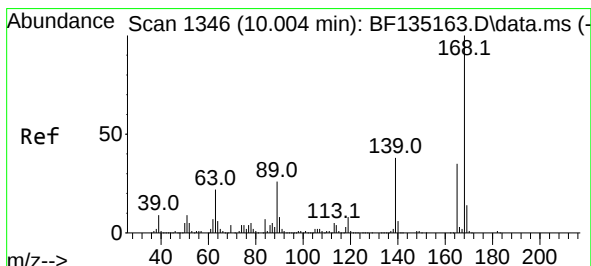
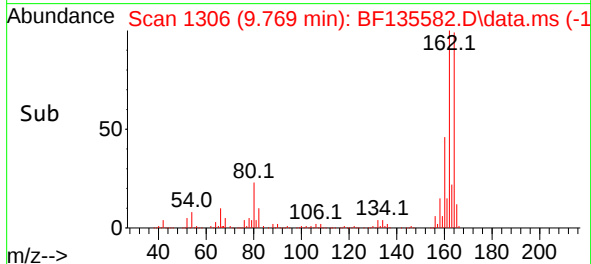
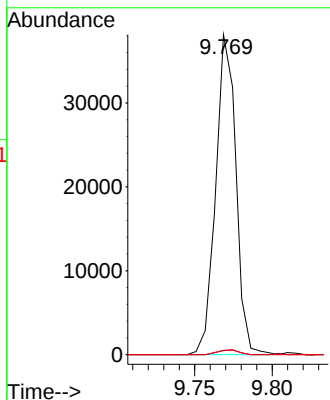
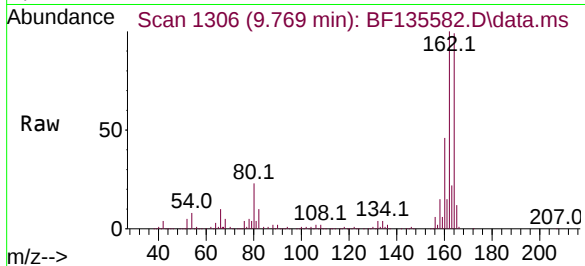




#51
2,6-Dinitrotoluene
Concen: 8.495 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF135582.D
Acq: 04 Oct 2023 21:46

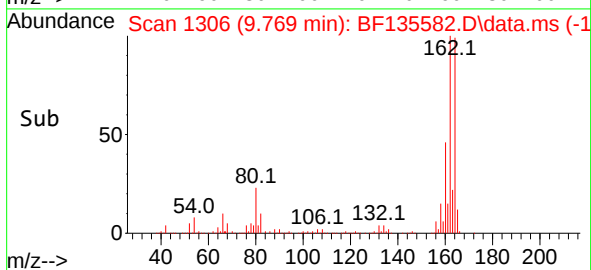
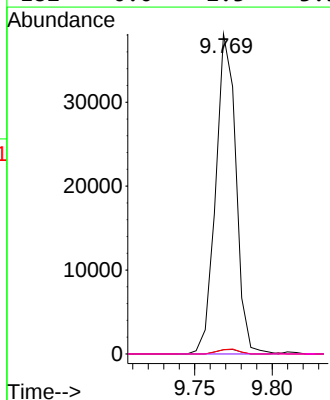
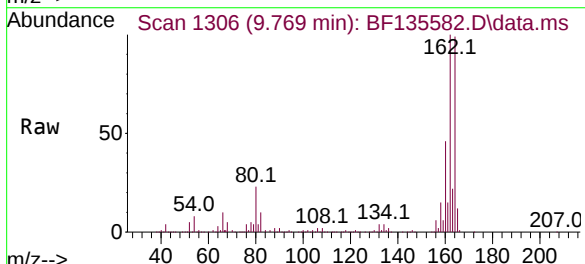
Instrument :
BNA_F
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HR-3-092923

Tgt Ion:165 Resp: 34618
Ion Ratio Lower Upper
165 100
63 1.3 59.4 89.2#
89 1.3 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.786 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.218 min
Lab File: BF135582.D
Acq: 04 Oct 2023 21:46

Tgt Ion:165 Resp: 34618
Ion Ratio Lower Upper
165 100
63 1.3 50.1 75.1#
89 1.3 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135582.D

Acq: 04 Oct 2023 21:46

Instrument :

BNA_F

ClientSampleId :

HR-3-092923

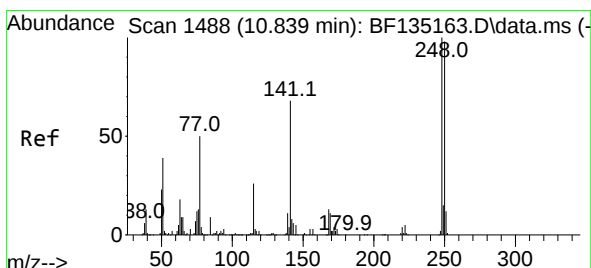
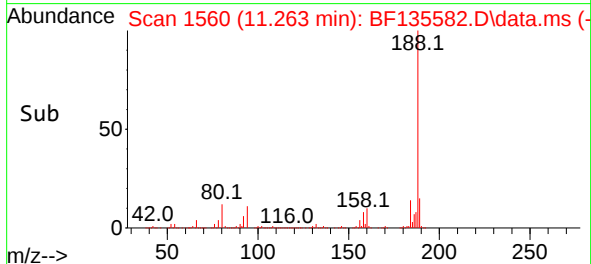
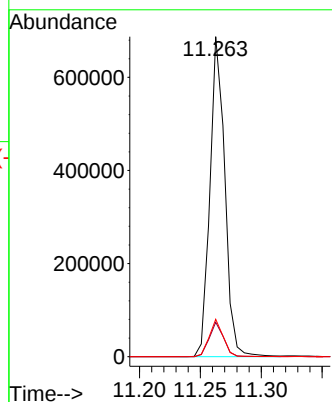
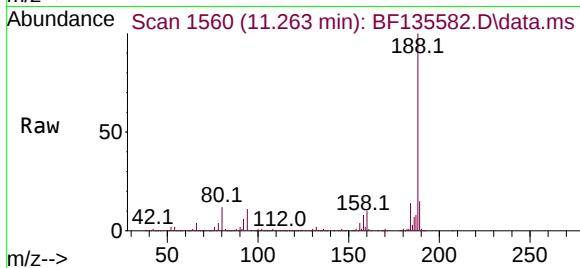
Tgt Ion:188 Resp: 583167

Ion Ratio Lower Upper

188 100

94 10.7 7.0 10.6#

80 11.7 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 4.157 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.241 min

Lab File: BF135582.D

Acq: 04 Oct 2023 21:46

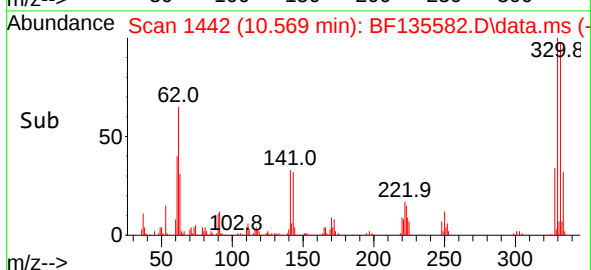
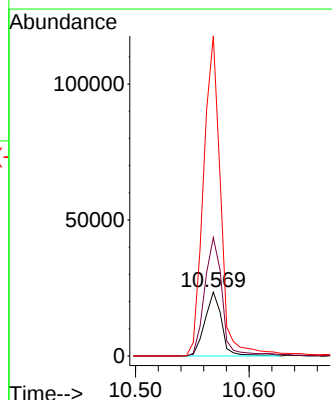
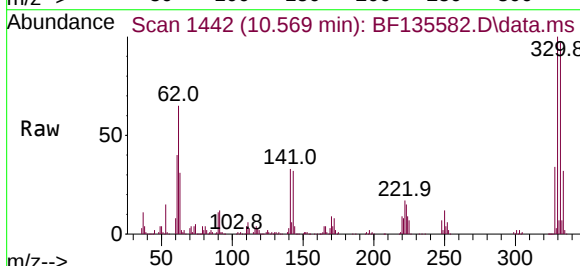
Tgt Ion:248 Resp: 24111

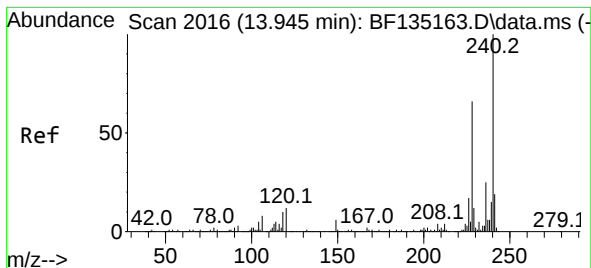
Ion Ratio Lower Upper

248 100

250 185.5 78.6 117.8#

141 501.2 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.921 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135582.D

Acq: 04 Oct 2023 21:46

Instrument :

BNA_F

ClientSampleId :

HR-3-092923

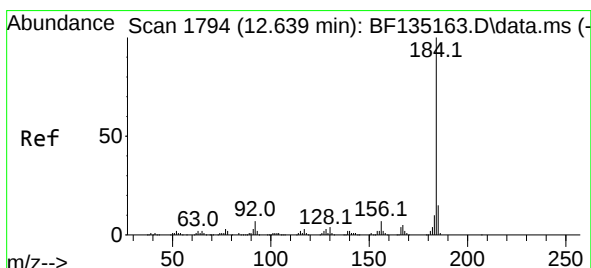
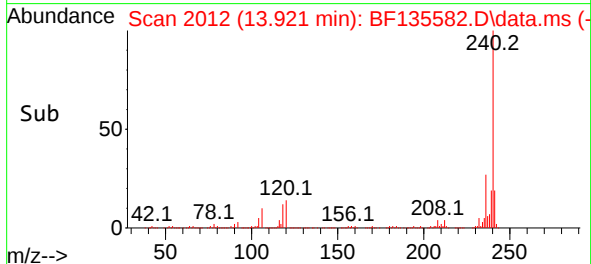
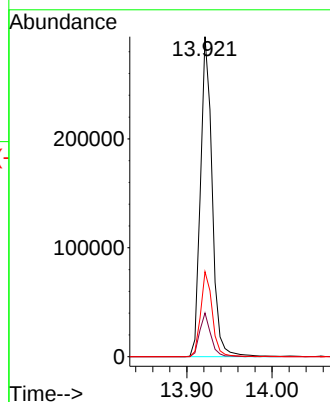
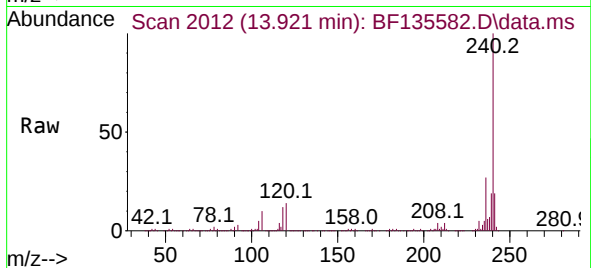
Tgt Ion:240 Resp: 279396

Ion Ratio Lower Upper

240 100

120 13.6 9.4 14.2

236 26.6 19.8 29.8



#77

Benzidine

Concen: 3.704 ng

RT: 12.862 min Scan# 1832

Delta R.T. 0.247 min

Lab File: BF135582.D

Acq: 04 Oct 2023 21:46

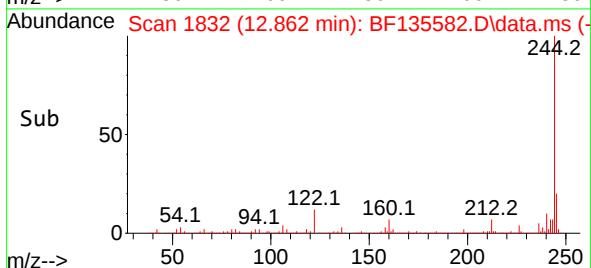
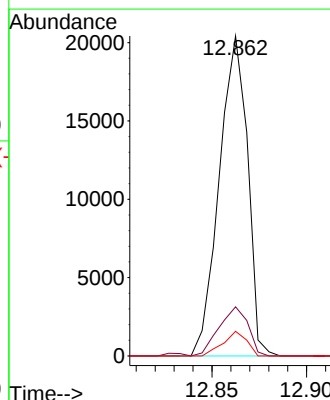
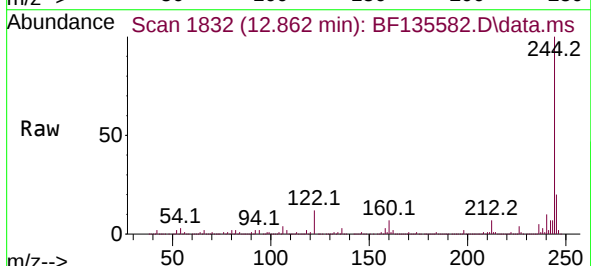
Tgt Ion:184 Resp: 21201

Ion Ratio Lower Upper

184 100

185 15.4 11.7 17.5

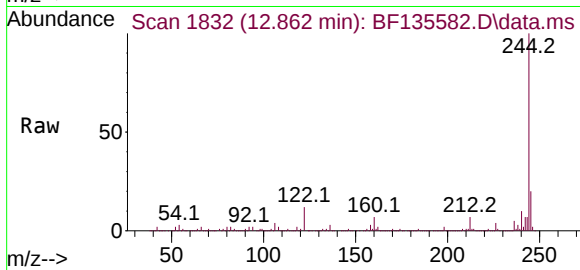
183 7.7 8.2 12.4#



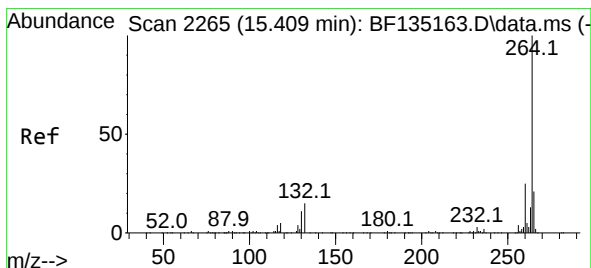
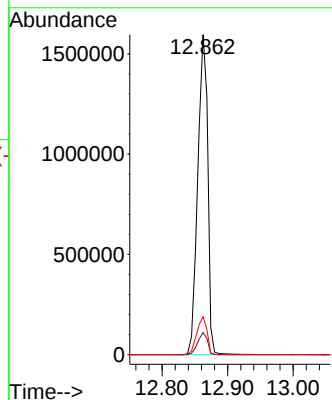
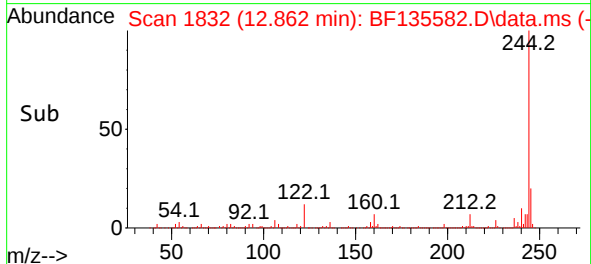


#79
 Terphenyl-d14
 Concen: 94.135 ng
 RT: 12.862 min Scan# 1832
 Delta R.T. -0.000 min
 Lab File: BF135582.D
 Acq: 04 Oct 2023 21:46

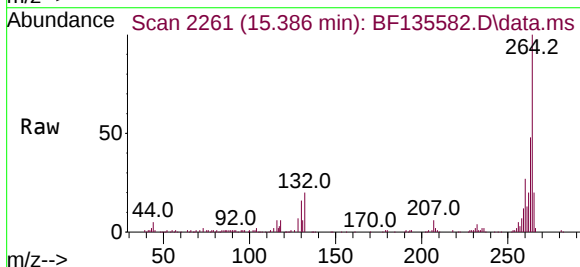
Instrument :
 BNA_F
 ClientSampleId :
 HR-3-092923



Tgt Ion:244 Resp: 1696633
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 11.8 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2261
 Delta R.T. -0.000 min
 Lab File: BF135582.D
 Acq: 04 Oct 2023 21:46



Tgt Ion:264 Resp: 82770
 Ion Ratio Lower Upper
 264 100
 260 27.0 19.8 29.6
 265 20.2 17.0 25.4

