

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
 Data File : BF135495.D
 Acq On : 28 Sep 2023 16:05
 Operator : CG\JU
 Sample : 04620-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-SUPPORT-B

Quant Time: Sep 29 00:23:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 28 19:03:19 2023
 Response via : Initial Calibration

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

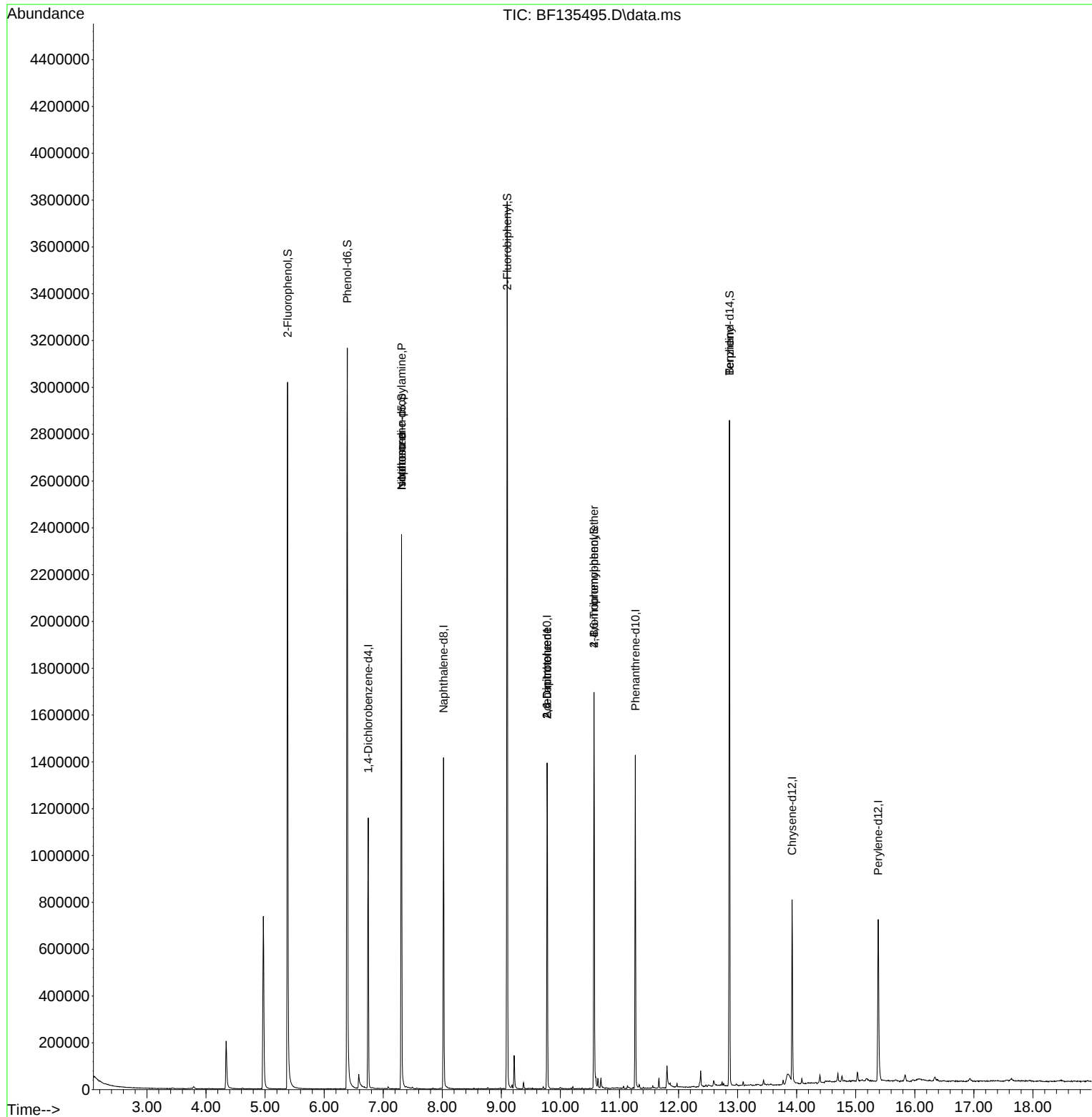
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	158171	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	600100	20.000	ng	# 0.00
39) Acenaphthene-d10	9.775	164	281645	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	477182	20.000	ng	0.00
76) Chrysene-d12	13.921	240	262121	20.000	ng	0.00
86) Perylene-d12	15.380	264	324570	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	830952	85.445	ng	0.00
7) Phenol-d6	6.393	99	1136347	91.894	ng	0.00
23) Nitrobenzene-d5	7.310	82	723669	65.517	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	180344	64.435	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1234065	66.107	ng	0.00
79) Terphenyl-d14	12.863	244	955245	56.493	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.310	70	93731	12.237	ng	# 81
25) Isophorone	7.310	82	723662	35.679	ng	# 65
51) 2,6-Dinitrotoluene	9.775	165	35277	8.457	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	35277	6.755	ng	# 18
67) 4-Bromophenyl-phenylether	10.569	248	11320	2.385	ng	# 1
77) Benzidine	12.863	184	12067	2.247	ng	# 90

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

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Quant Time: Sep 29 00:23:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 28 19:03:19 2023
Response via : Initial Calibration

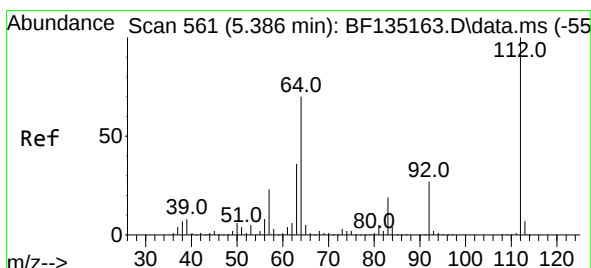
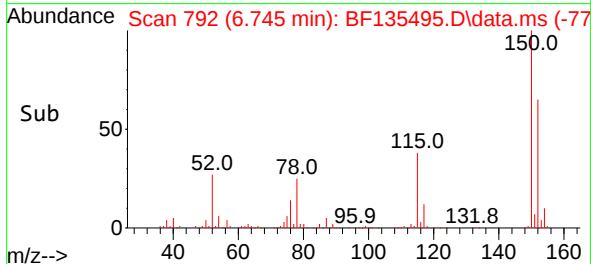
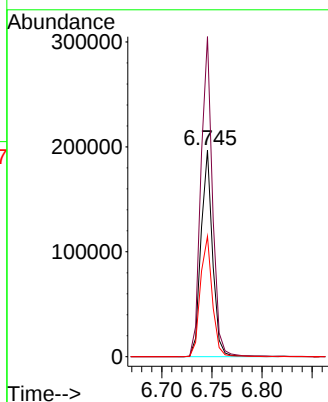
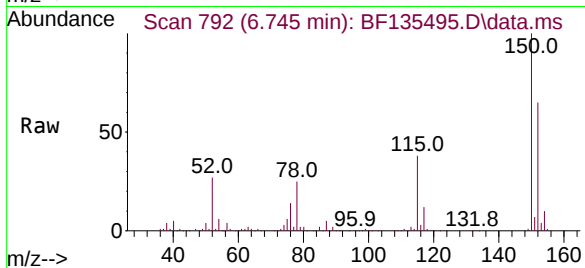




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 795
Delta R.T. -0.001 min
Lab File: BF135495.D
Acq: 28 Sep 2023 16:05

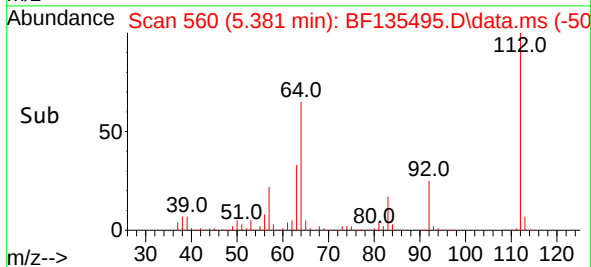
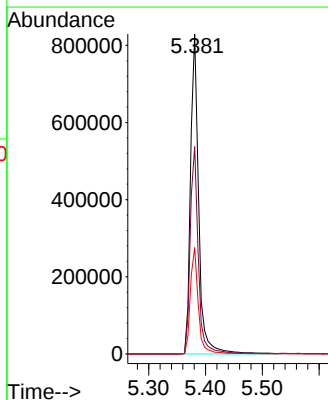
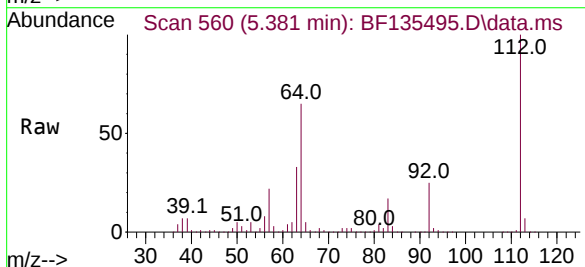
Instrument :
BNA_F
ClientSampleId :
CON-SUPPORT-B

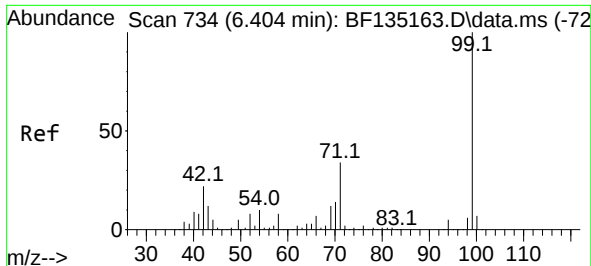
Tgt Ion:152 Resp: 158171
Ion Ratio Lower Upper
152 100
150 154.9 127.8 191.6
115 58.2 49.8 74.8



#5
2-Fluorophenol
Concen: 85.445 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.006 min
Lab File: BF135495.D
Acq: 28 Sep 2023 16:05

Tgt Ion:112 Resp: 830952
Ion Ratio Lower Upper
112 100
64 64.8 55.9 83.9
63 33.3 29.0 43.6





#7

Phenol-d6

Concen: 91.894 ng

RT: 6.393 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135495.D

Acq: 28 Sep 2023 16:05

Instrument :

BNA_F

ClientSampleId :

CON-SUPPORT-B

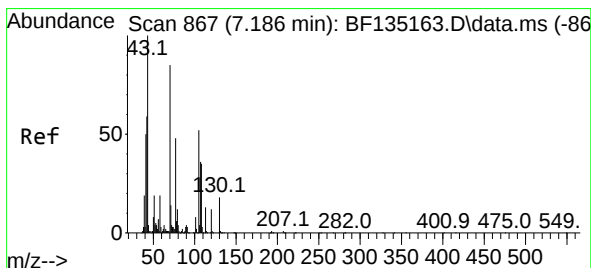
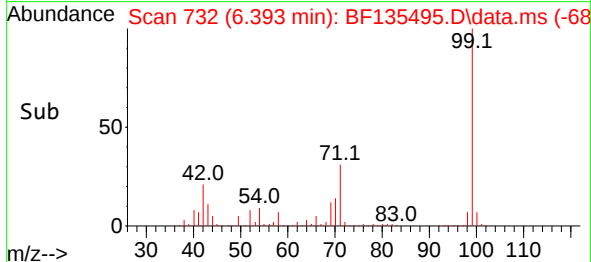
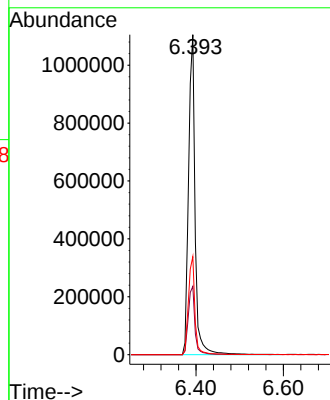
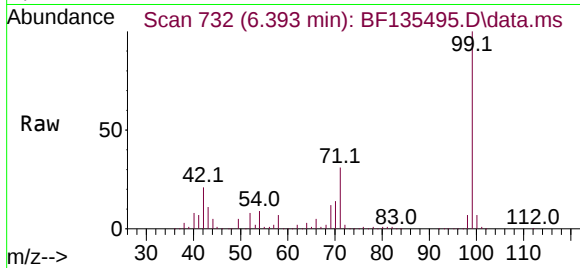
Tgt Ion: 99 Resp: 1136347

Ion Ratio Lower Upper

99 100

42 21.3 17.9 26.9

71 30.6 27.0 40.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.237 ng

RT: 7.310 min Scan# 888

Delta R.T. 0.147 min

Lab File: BF135495.D

Acq: 28 Sep 2023 16:05

Tgt Ion: 70 Resp: 93731

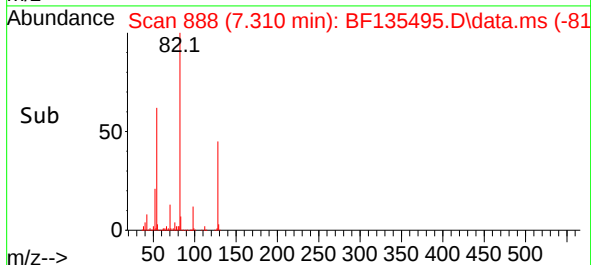
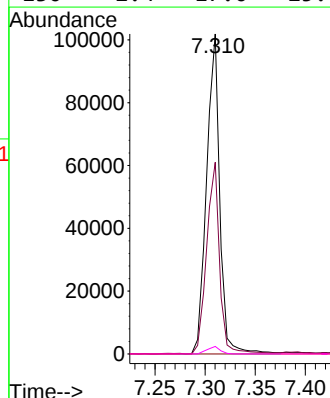
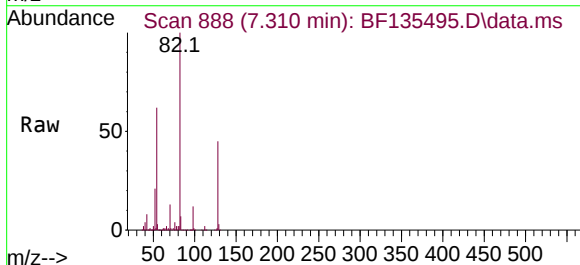
Ion Ratio Lower Upper

70 100

42 59.9 55.4 83.0

101 0.0 7.7 11.5#

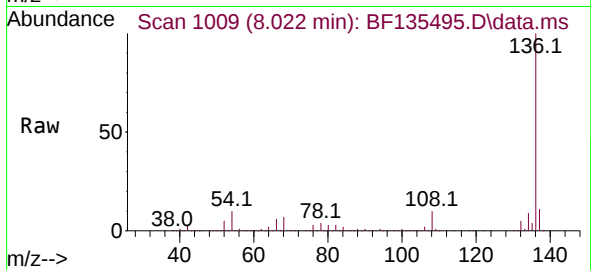
130 2.4 17.0 25.6#



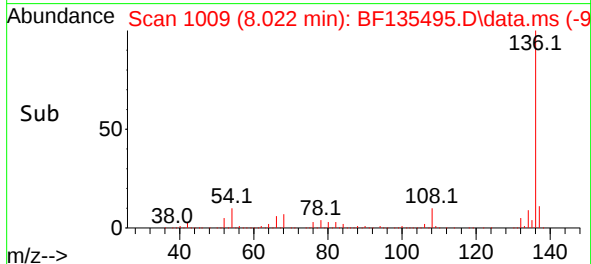
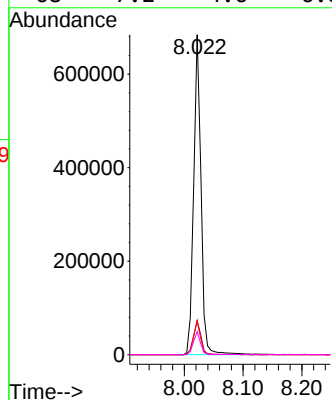


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135495.D
Acq: 28 Sep 2023 16:05

Instrument :
BNA_F
ClientSampleId :
CON-SUPPORT-B

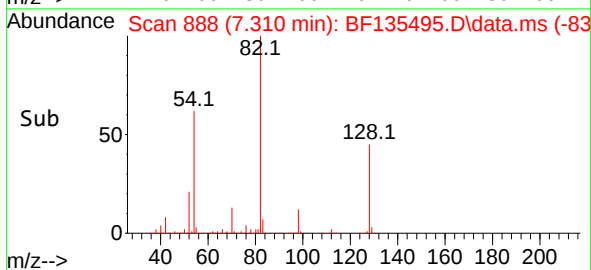
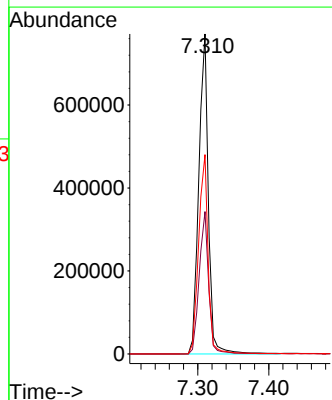
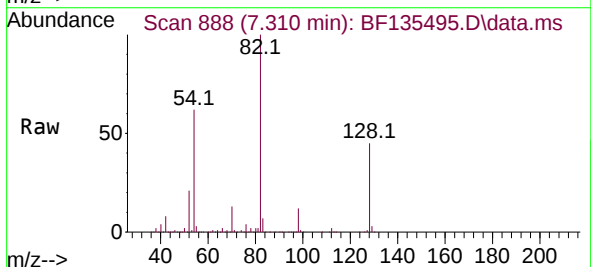


Tgt Ion:136 Resp: 600100
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.5 7.7 11.5
68 7.2 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 65.517 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF135495.D
Acq: 28 Sep 2023 16:05

Tgt Ion: 82 Resp: 723669
Ion Ratio Lower Upper
82 100
128 44.5 35.8 53.6
54 62.3 50.6 76.0

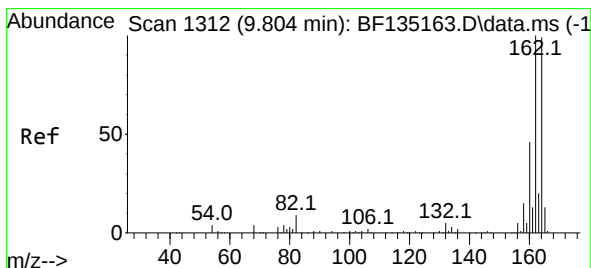
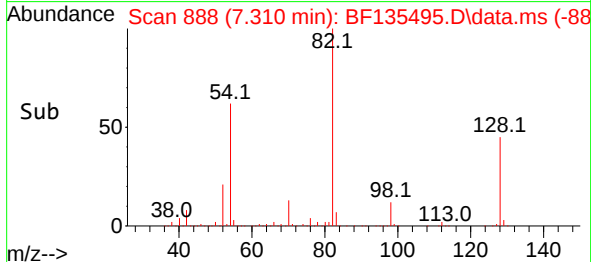
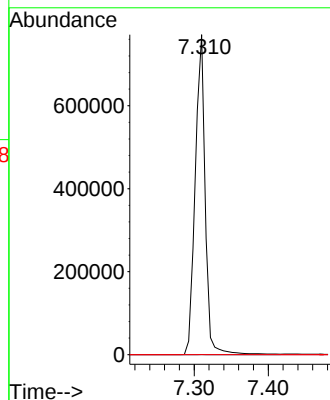
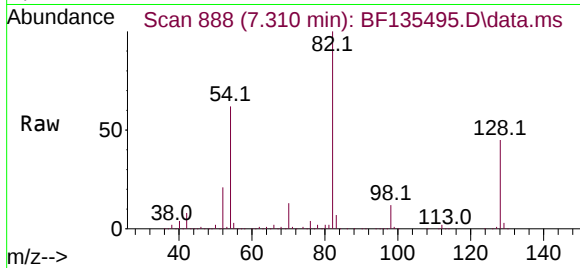




#25
Isophorone
Concen: 35.679 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135495.D
Acq: 28 Sep 2023 16:05

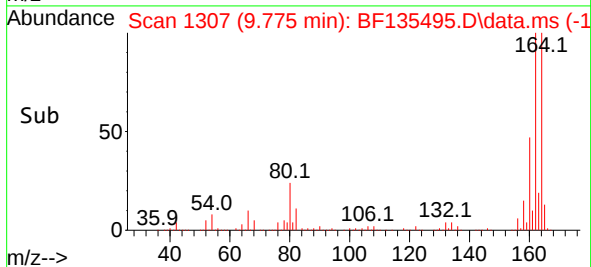
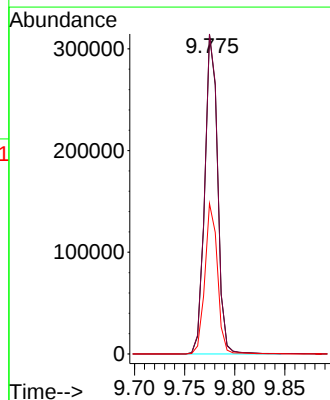
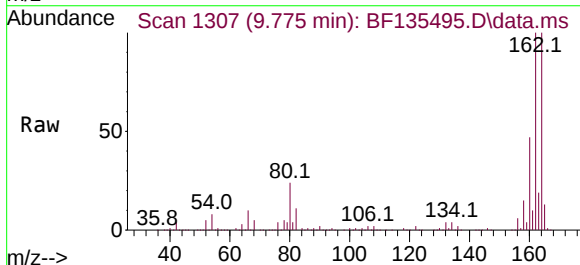
Instrument :
BNA_F
ClientSampleId :
CON-SUPPORT-B

Tgt Ion: 82 Resp: 723662
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. -0.006 min
Lab File: BF135495.D
Acq: 28 Sep 2023 16:05

Tgt Ion: 164 Resp: 281645
Ion Ratio Lower Upper
164 100
162 100.1 81.0 121.4
160 47.0 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 64.435 ng

RT: 10.569 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF135495.D

Acq: 28 Sep 2023 16:05

Instrument :

BNA_F

ClientSampleId :

CON-SUPPORT-B

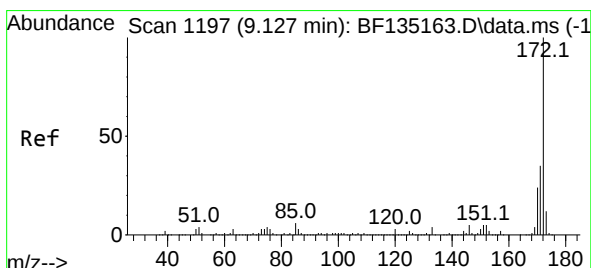
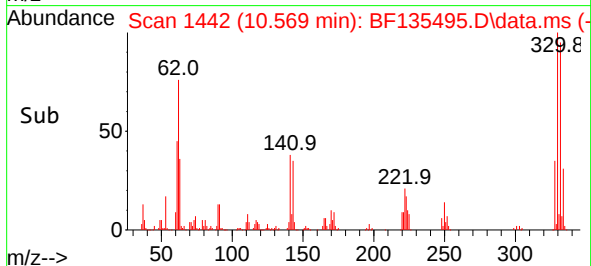
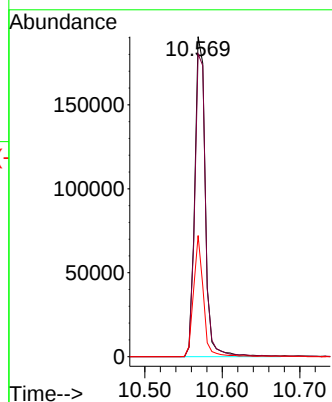
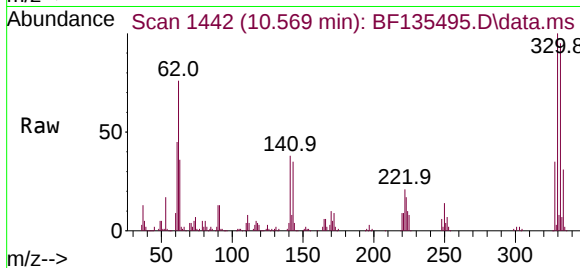
Tgt Ion:330 Resp: 180344

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

141 35.2 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 66.107 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135495.D

Acq: 28 Sep 2023 16:05

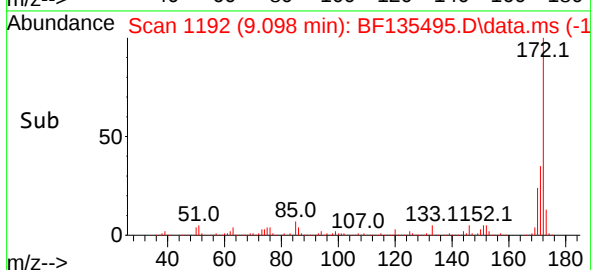
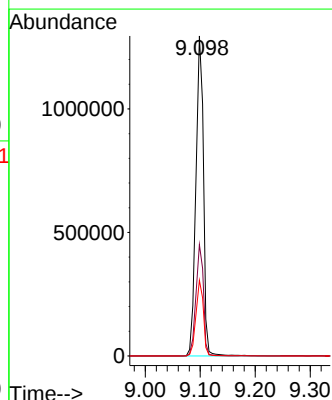
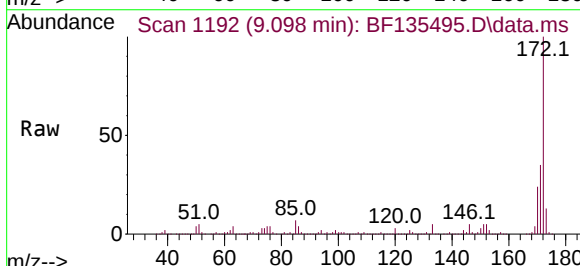
Tgt Ion:172 Resp: 1234065

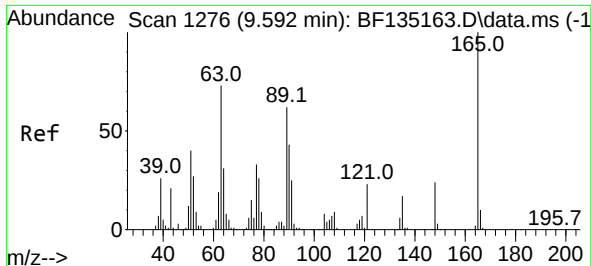
Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 23.6 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 8.457 ng

RT: 9.775 min Scan# 1

Delta R.T. 0.194 min

Lab File: BF135495.D

Acq: 28 Sep 2023 16:05

Instrument :

BNA_F

ClientSampleId :

CON-SUPPORT-B

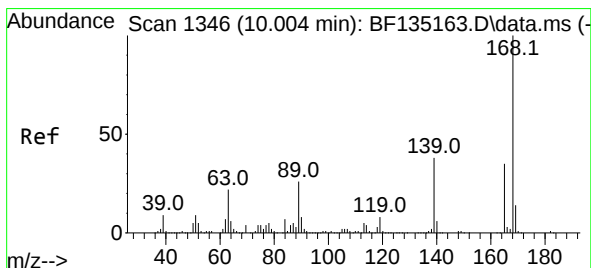
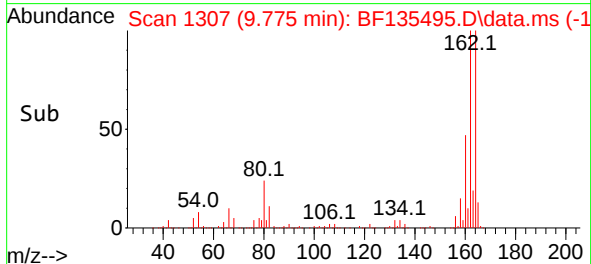
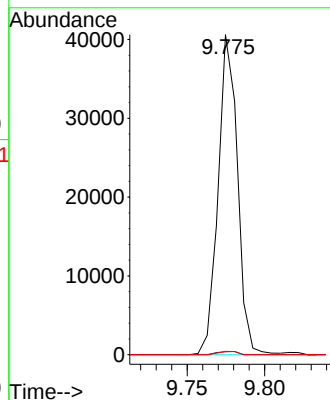
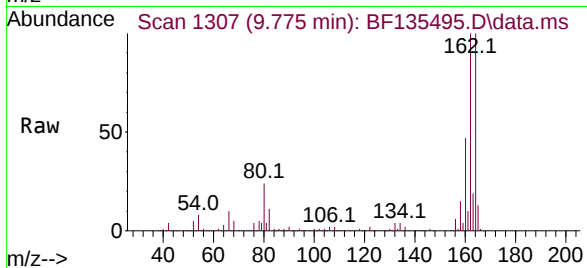
Tgt Ion:165 Resp: 35277

Ion Ratio Lower Upper

165 100

63 0.9 59.4 89.2#

89 1.1 49.8 74.8#



#57

2,4-Dinitrotoluene

Concen: 6.755 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.212 min

Lab File: BF135495.D

Acq: 28 Sep 2023 16:05

Tgt Ion:165 Resp: 35277

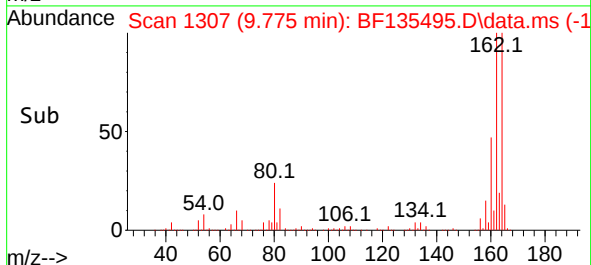
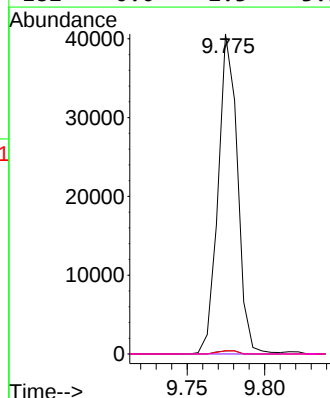
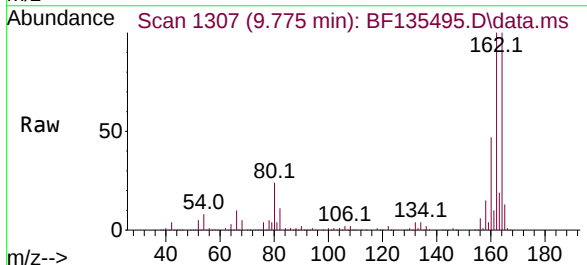
Ion Ratio Lower Upper

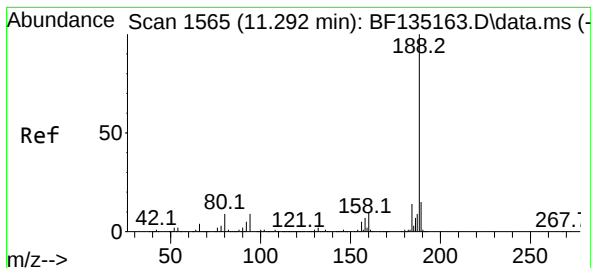
165 100

63 0.9 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# 1

Delta R.T. -0.006 min

Lab File: BF135495.D

Acq: 28 Sep 2023 16:05

Instrument :

BNA_F

ClientSampleId :

CON-SUPPORT-B

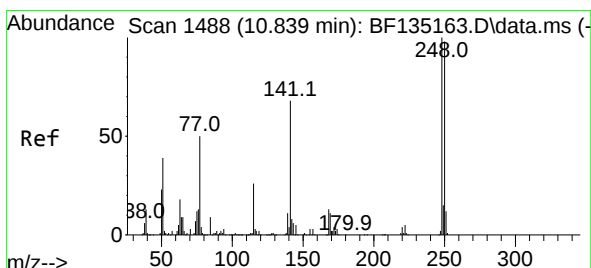
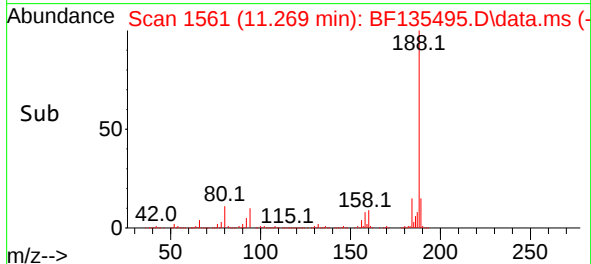
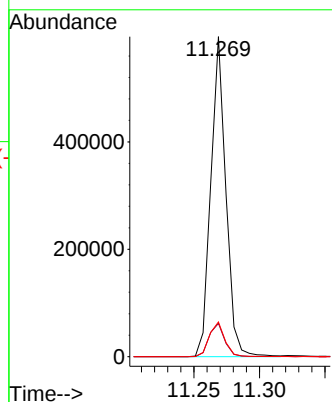
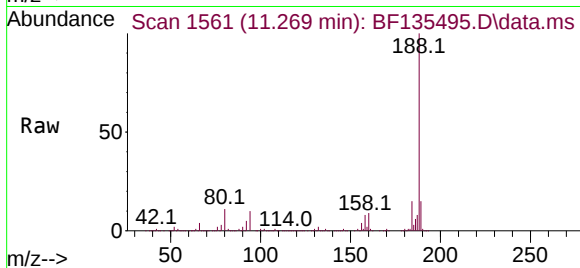
Tgt Ion:188 Resp: 477182

Ion Ratio Lower Upper

188 100

94 10.4 7.0 10.6

80 10.8 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 2.385 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.247 min

Lab File: BF135495.D

Acq: 28 Sep 2023 16:05

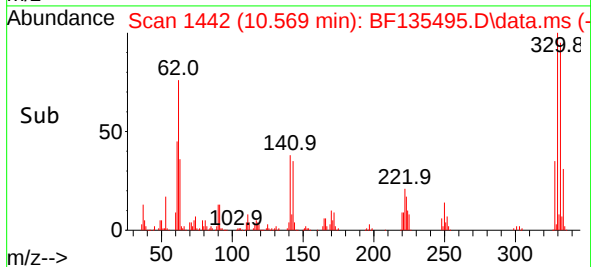
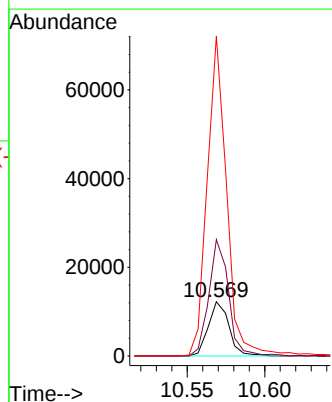
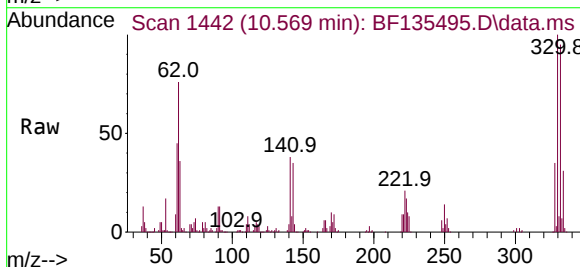
Tgt Ion:248 Resp: 11320

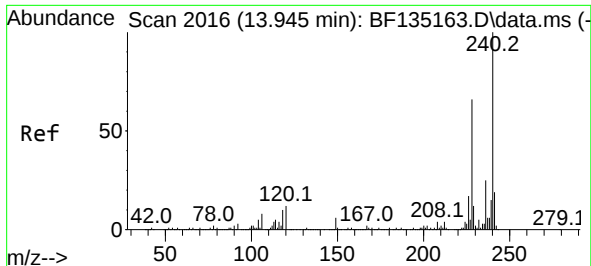
Ion Ratio Lower Upper

248 100

250 214.2 78.6 117.8#

141 589.4 54.2 81.2#

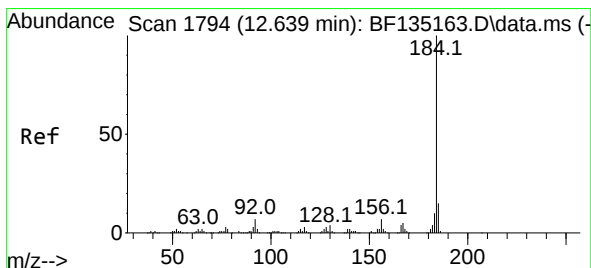
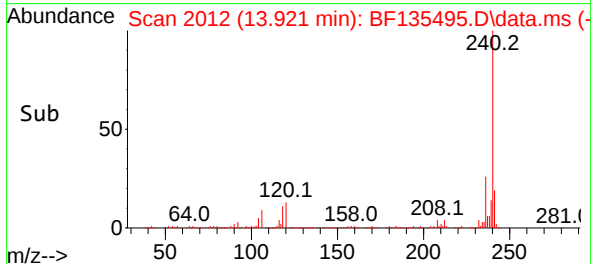
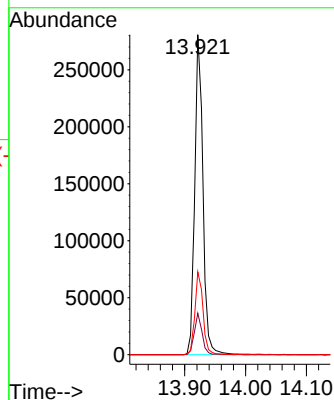
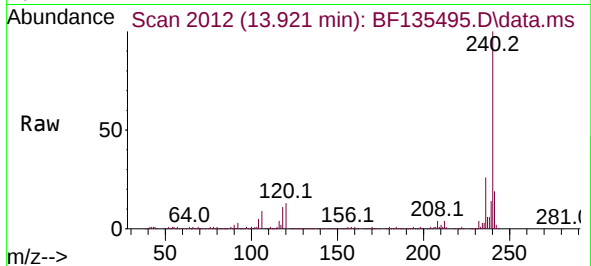




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF135495.D
Acq: 28 Sep 2023 16:05

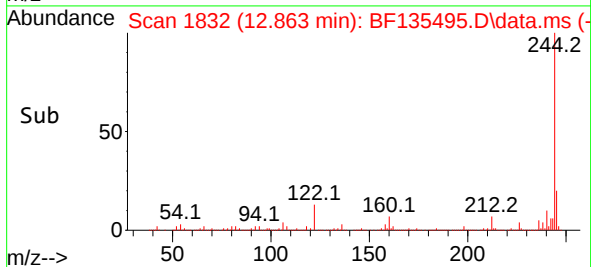
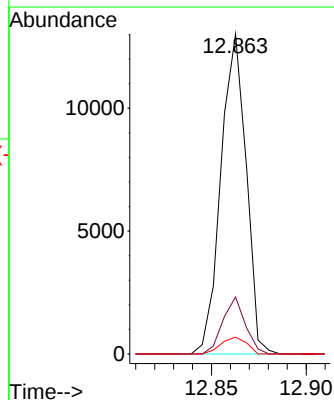
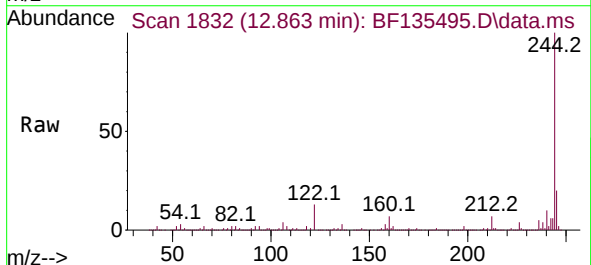
Instrument :
BNA_F
ClientSampleId :
CON-SUPPORT-B

Tgt Ion:240 Resp: 262121
Ion Ratio Lower Upper
240 100
120 13.0 9.4 14.2
236 25.9 19.8 29.8



#77
Benzidine
Concen: 2.247 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.247 min
Lab File: BF135495.D
Acq: 28 Sep 2023 16:05

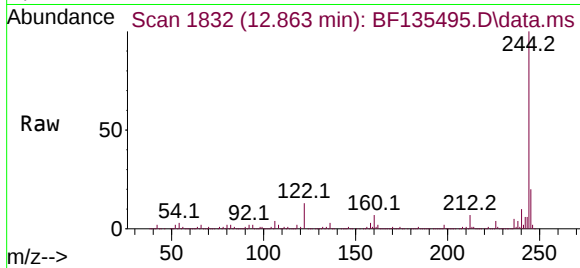
Tgt Ion:184 Resp: 12067
Ion Ratio Lower Upper
184 100
185 17.8 11.7 17.5#
183 5.2 8.2 12.4#



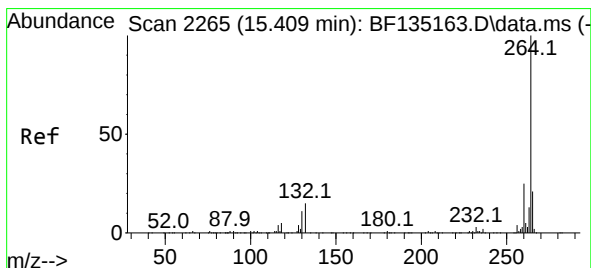
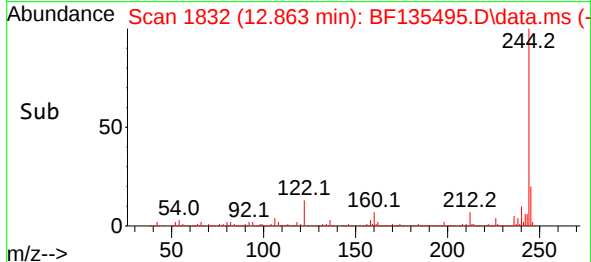
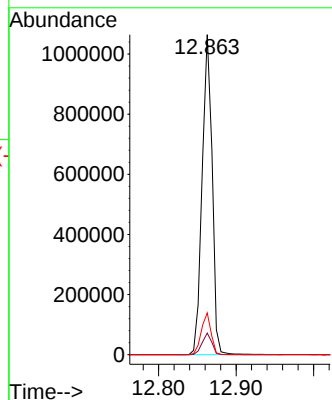


#79
 Terphenyl-d14
 Concen: 56.493 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. -0.006 min
 Lab File: BF135495.D
 Acq: 28 Sep 2023 16:05

Instrument :
 BNA_F
 ClientSampleId :
 CON-SUPPORT-B



Tgt Ion:244 Resp: 955245
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 13.1 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 2260
 Delta R.T. -0.000 min
 Lab File: BF135495.D
 Acq: 28 Sep 2023 16:05

Tgt Ion:264 Resp: 324570
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.8 29.6
 265 21.2 17.0 25.4

