

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
 Data File : BF135695.D
 Acq On : 10 Oct 2023 20:39
 Operator : CG\JU
 Sample : 04731-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DTP-2

Quant Time: Oct 11 03:04:30 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 11 02:43:17 2023
 Response via : Initial Calibration

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

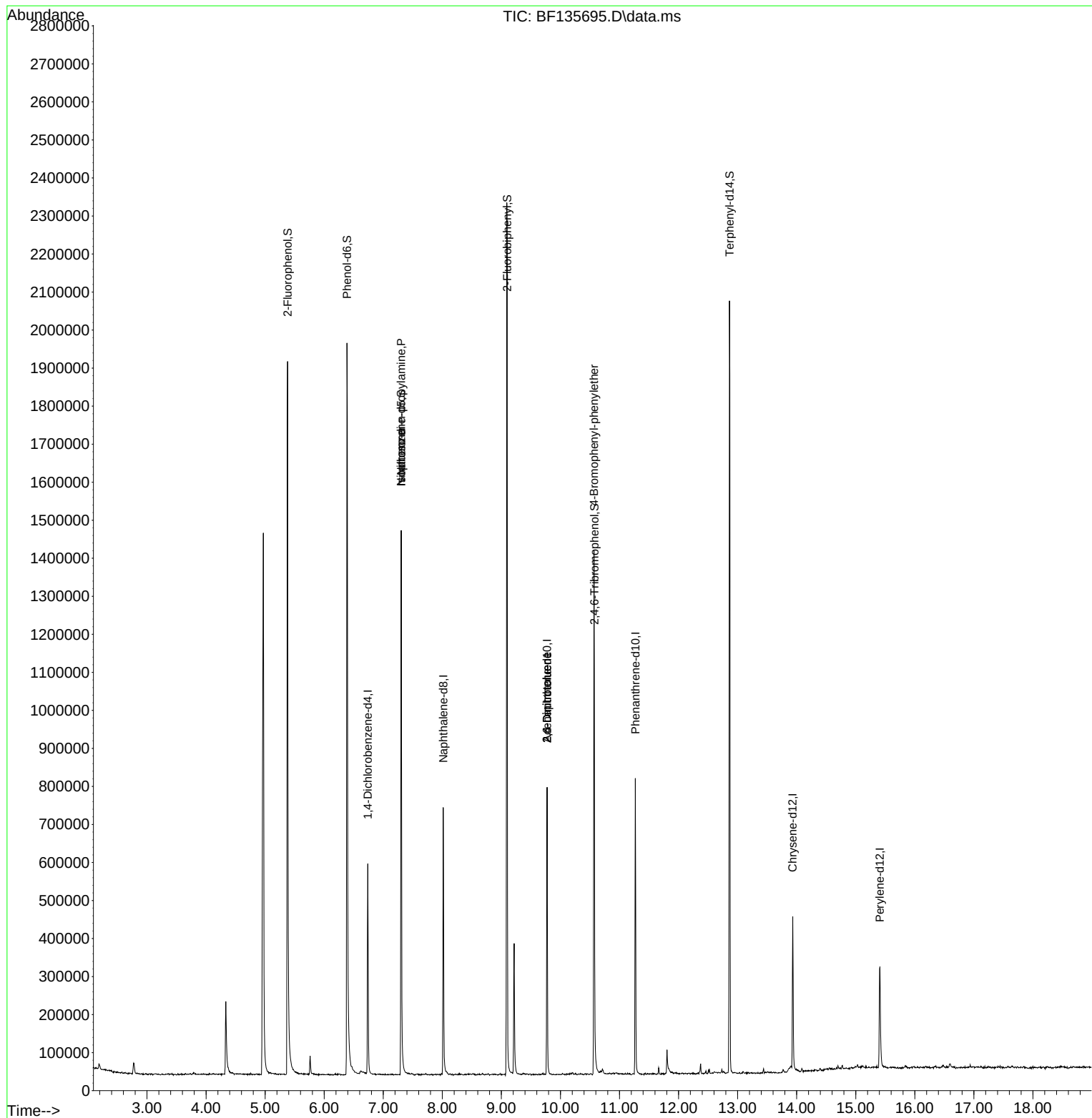
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	81825	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	312100	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	151233	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	284830	20.000	ng	0.00
76) Chrysene-d12	13.933	240	145443	20.000	ng	0.00
86) Perylene-d12	15.409	264	151069	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	578032	114.896	ng	0.01
7) Phenol-d6	6.386	99	721527	112.790	ng	0.00
23) Nitrobenzene-d5	7.304	82	431404	75.097	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	173114	115.187	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	784441	78.257	ng	0.00
79) Terphenyl-d14	12.863	244	752367	80.190	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	58028	14.645	ng	# 77
25) Isophorone	7.304	82	431404	40.897	ng	# 65
51) 2,6-Dinitrotoluene	9.774	165	19047	8.503	ng	# 17
57) 2,4-Dinitrotoluene	9.774	165	19047	6.792	ng	# 18
67) 4-Bromophenyl-phenylether	10.569	248	11101	3.919	ng	# 1

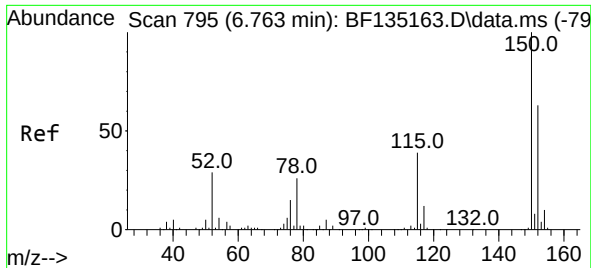
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 02:43:17 2023
Response via : Initial Calibration

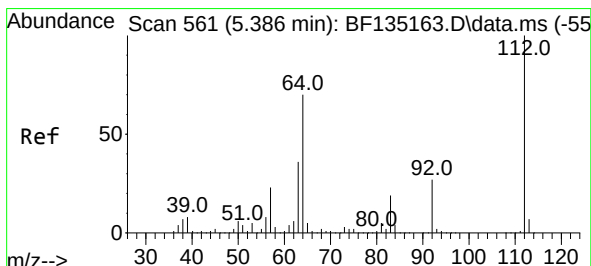
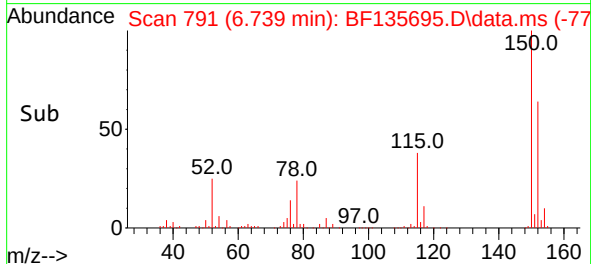
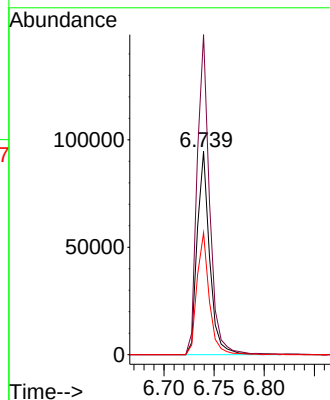
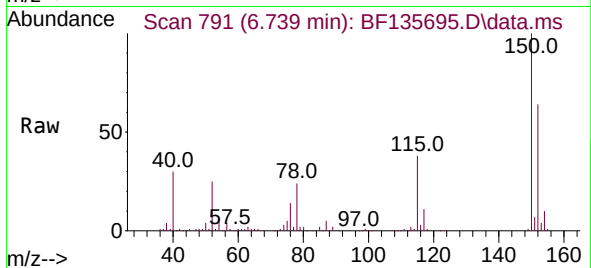




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135695.D
Acq: 10 Oct 2023 20:39

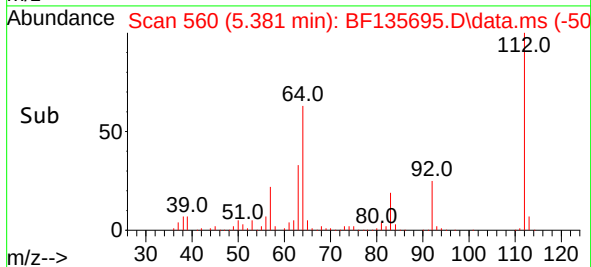
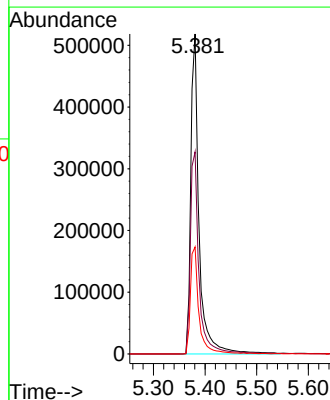
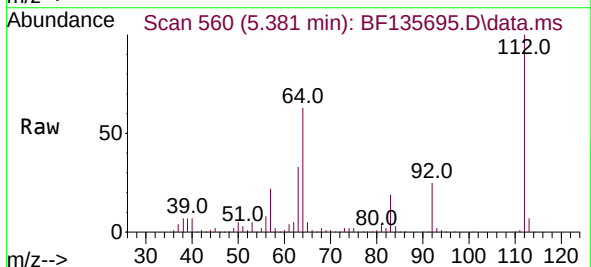
Instrument :
BNA_F
ClientSampleId :
DTP-2

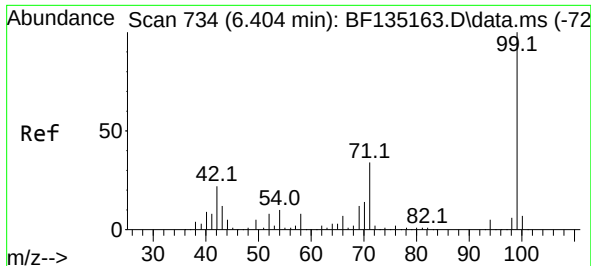
Tgt Ion:152 Resp: 81825
Ion Ratio Lower Upper
152 100
150 157.4 127.8 191.6
115 59.9 49.8 74.8



#5
2-Fluorophenol
Concen: 114.896 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135695.D
Acq: 10 Oct 2023 20:39

Tgt Ion:112 Resp: 578032
Ion Ratio Lower Upper
112 100
64 63.1 55.9 83.9
63 33.4 29.0 43.6

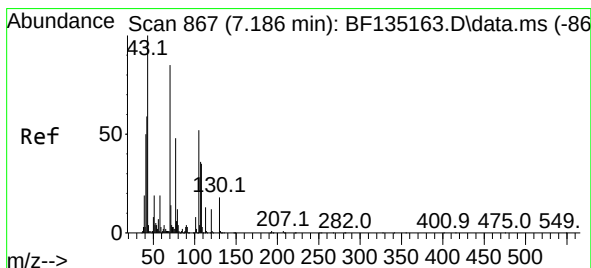
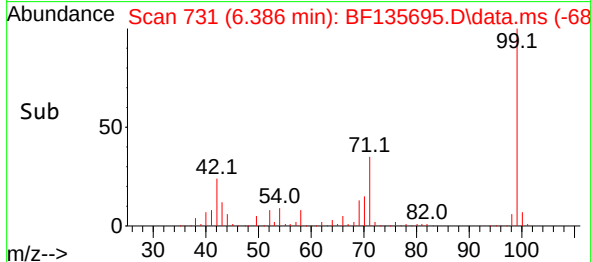
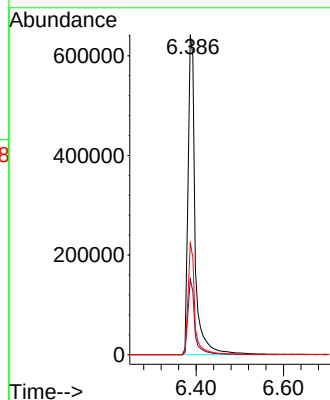
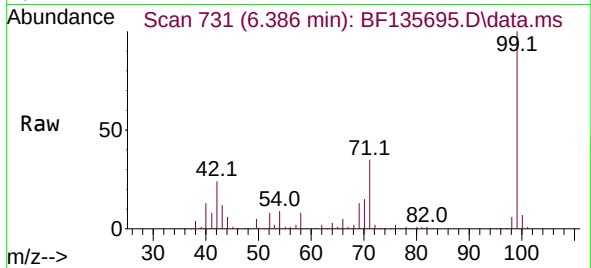




#7
Phenol-d6
Concen: 112.790 ng
RT: 6.386 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135695.D
Acq: 10 Oct 2023 20:39

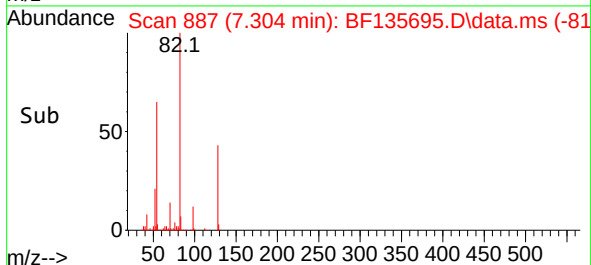
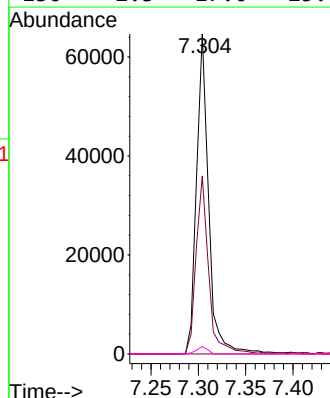
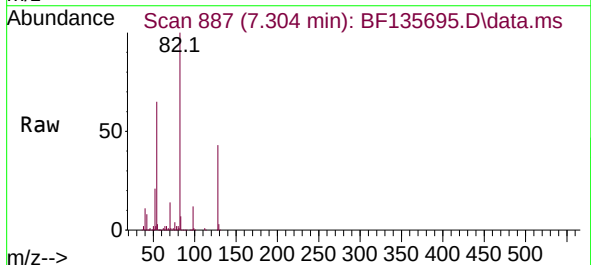
Instrument :
BNA_F
ClientSampleId :
DTP-2

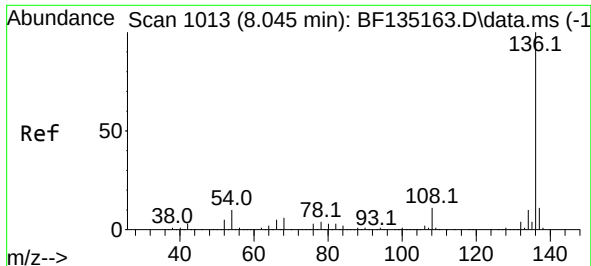
Tgt Ion: 99 Resp: 721527
Ion Ratio Lower Upper
99 100
42 23.5 17.9 26.9
71 34.7 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.645 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135695.D
Acq: 10 Oct 2023 20:39

Tgt Ion: 70 Resp: 58028
Ion Ratio Lower Upper
70 100
42 55.7 55.4 83.0
101 0.0 7.7 11.5#
130 2.3 17.0 25.6#

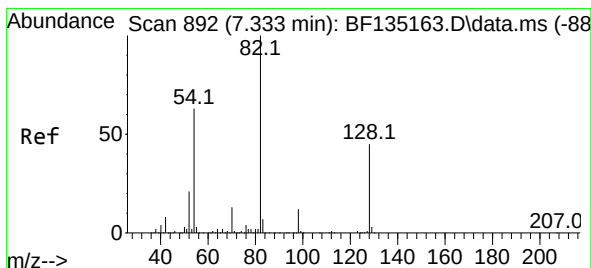
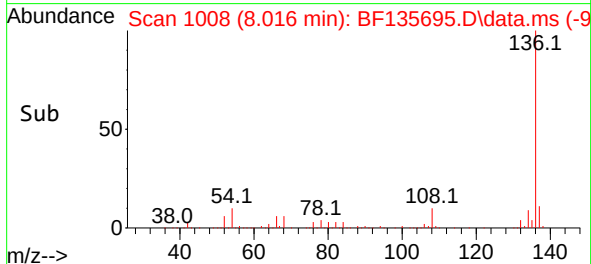
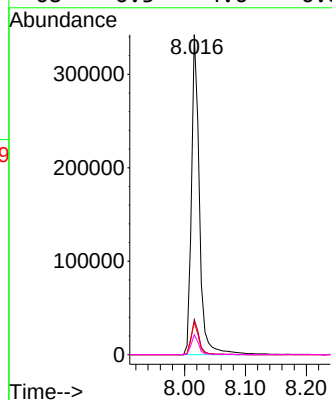
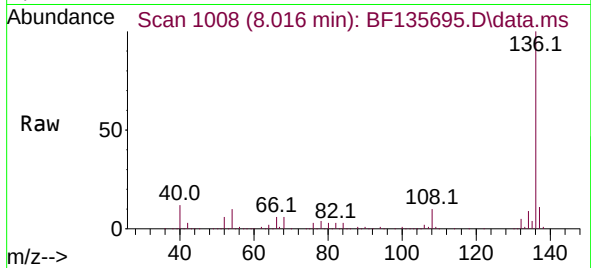




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135695.D
Acq: 10 Oct 2023 20:39

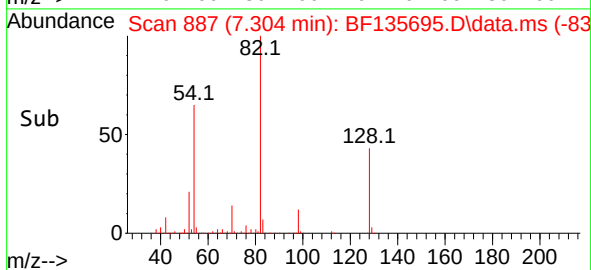
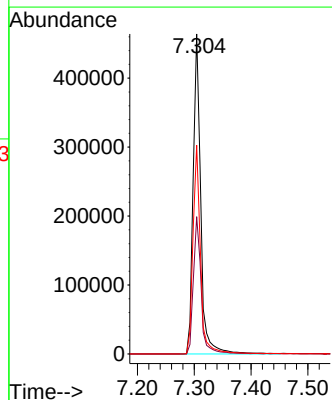
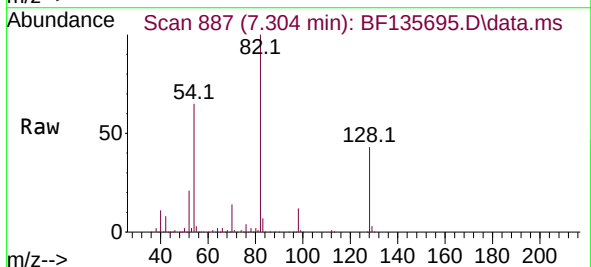
Instrument :
BNA_F
ClientSampleId :
DTP-2

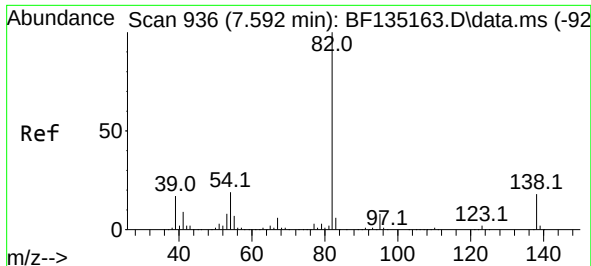
Tgt Ion:136 Resp: 312100
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.0 7.7 11.5
68 6.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 75.097 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135695.D
Acq: 10 Oct 2023 20:39

Tgt Ion: 82 Resp: 431404
Ion Ratio Lower Upper
82 100
128 42.9 35.8 53.6
54 65.3 50.6 76.0

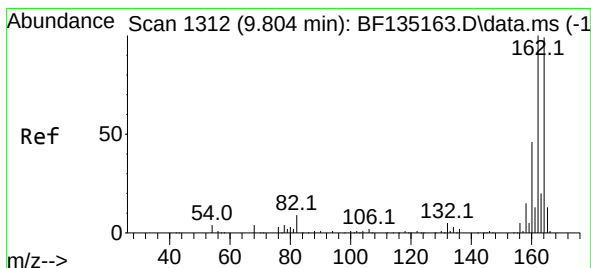
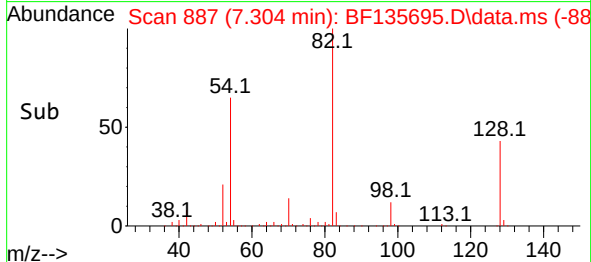
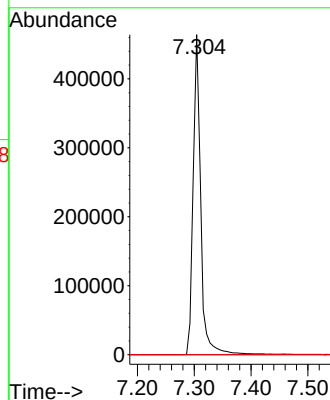
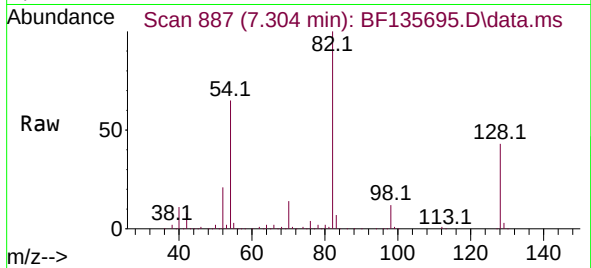




#25
Isophorone
Concen: 40.897 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135695.D
Acq: 10 Oct 2023 20:39

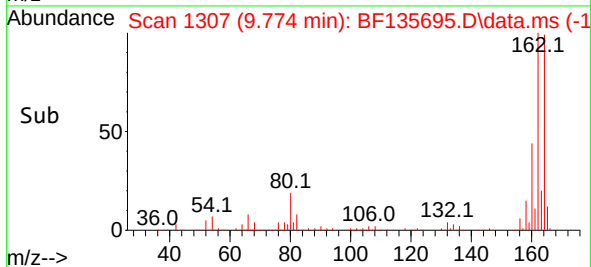
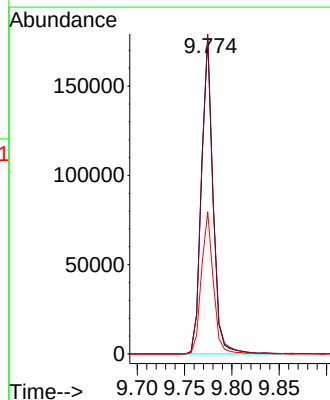
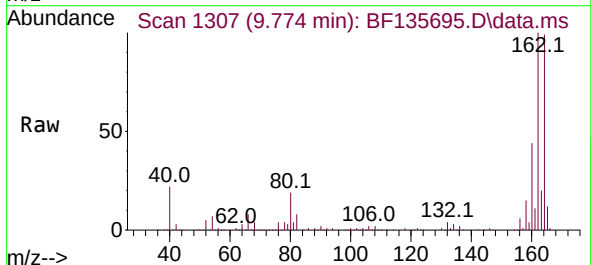
Instrument :
BNA_F
ClientSampleId :
DTP-2

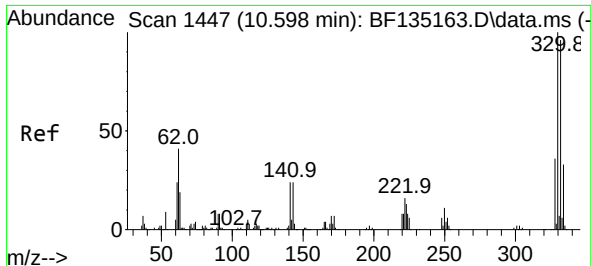
Tgt Ion: 82 Resp: 431404
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF135695.D
Acq: 10 Oct 2023 20:39

Tgt Ion:164 Resp: 151233
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.4
160 45.0 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 115.187 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BF135695.D

Acq: 10 Oct 2023 20:39

Instrument :

BNA_F

ClientSampleId :

DTP-2

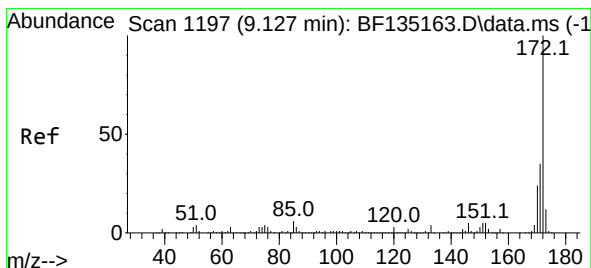
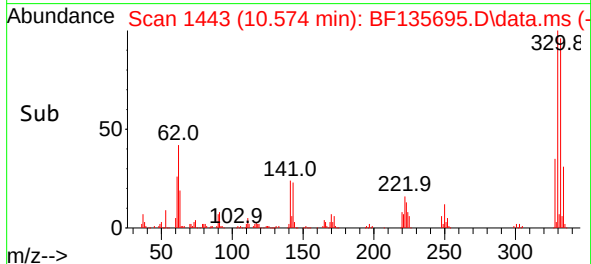
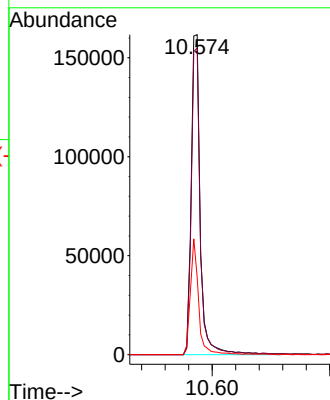
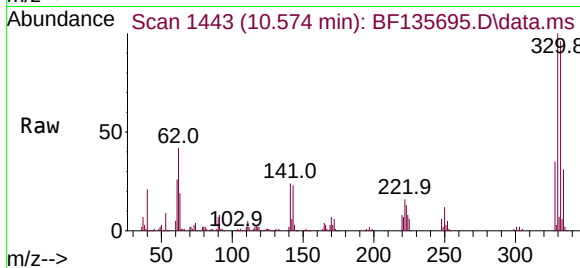
Tgt Ion:330 Resp: 173114

Ion Ratio Lower Upper

330 100

332 95.1 77.3 115.9

141 32.9 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 78.257 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF135695.D

Acq: 10 Oct 2023 20:39

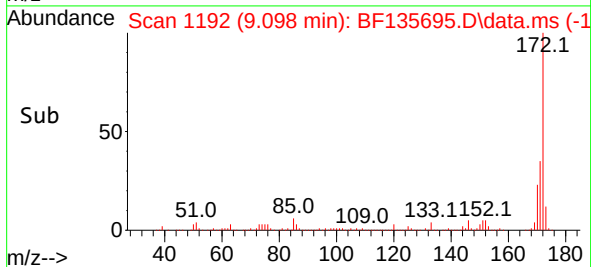
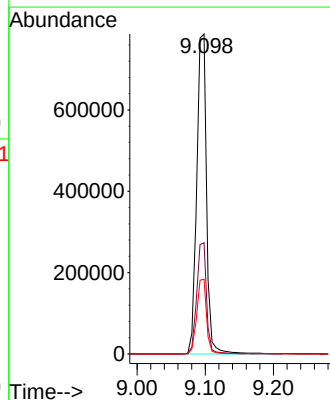
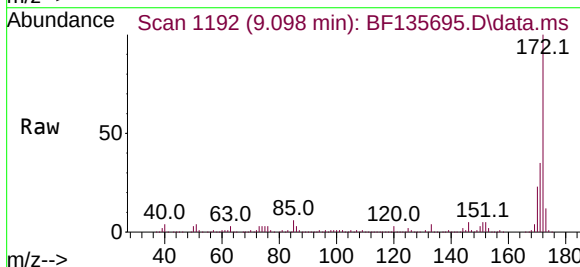
Tgt Ion:172 Resp: 784441

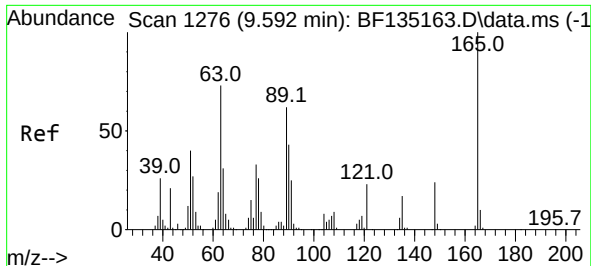
Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 23.3 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 8.503 ng

RT: 9.774 min Scan# 1307

Delta R.T. 0.194 min

Lab File: BF135695.D

Acq: 10 Oct 2023 20:39

Instrument :

BNA_F

ClientSampleId :

DTP-2

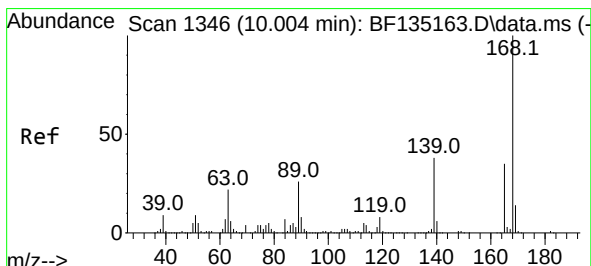
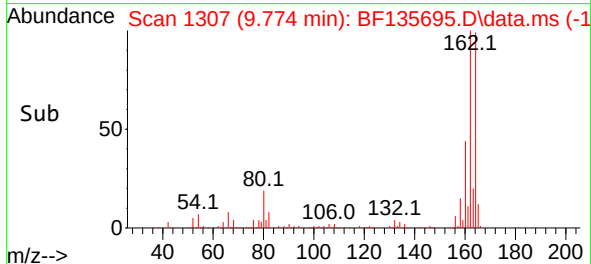
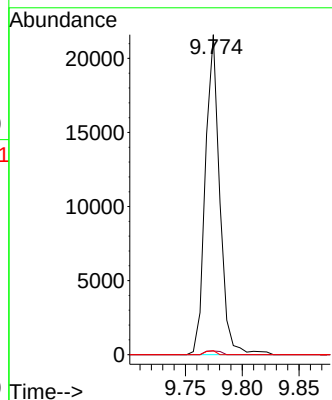
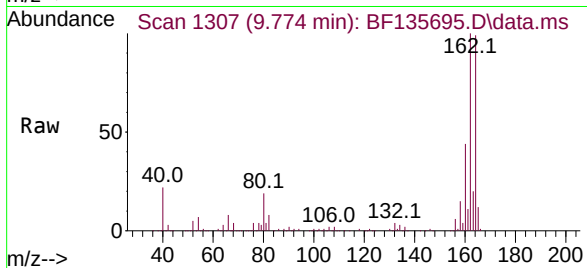
Tgt Ion:165 Resp: 19047

Ion Ratio Lower Upper

165 100

63 1.1 59.4 89.2#

89 1.3 49.8 74.8#



#57

2,4-Dinitrotoluene

Concen: 6.792 ng

RT: 9.774 min Scan# 1307

Delta R.T. -0.218 min

Lab File: BF135695.D

Acq: 10 Oct 2023 20:39

Tgt Ion:165 Resp: 19047

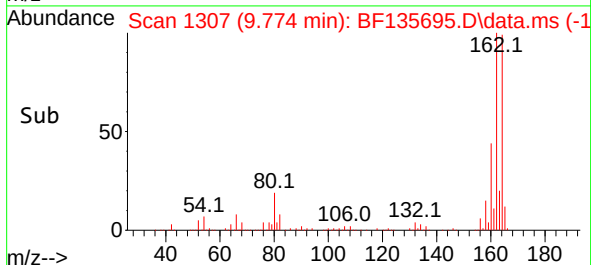
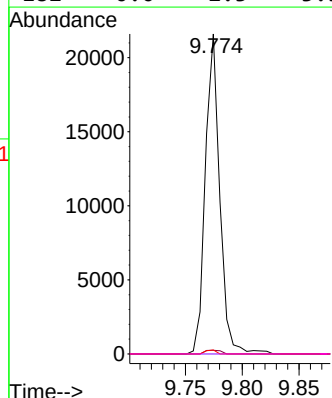
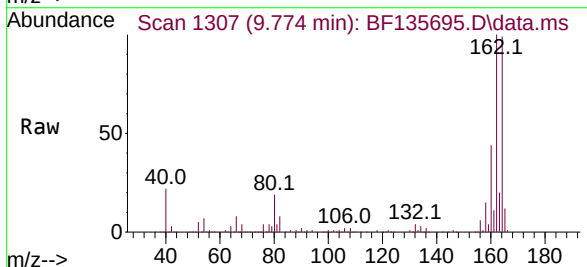
Ion Ratio Lower Upper

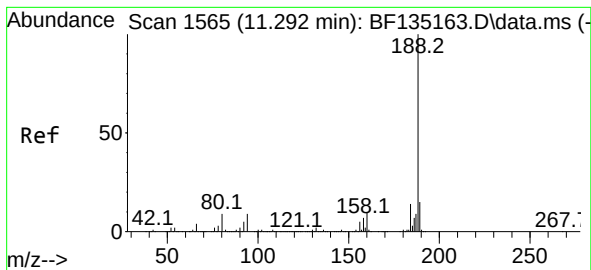
165 100

63 1.1 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: 11.269 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135695.D

Acq: 10 Oct 2023 20:39

Instrument :

BNA_F

ClientSampleId :

DTP-2

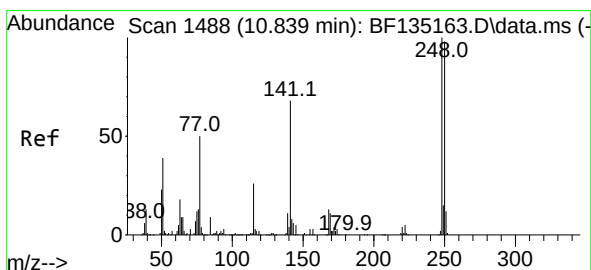
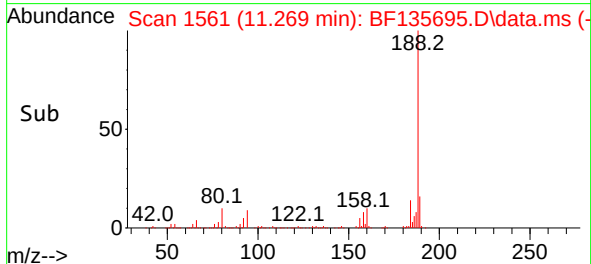
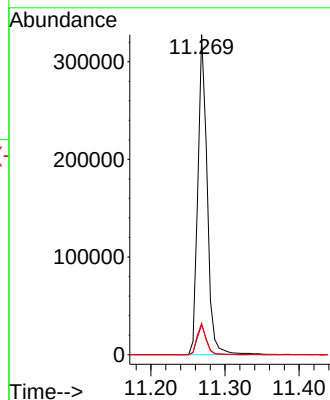
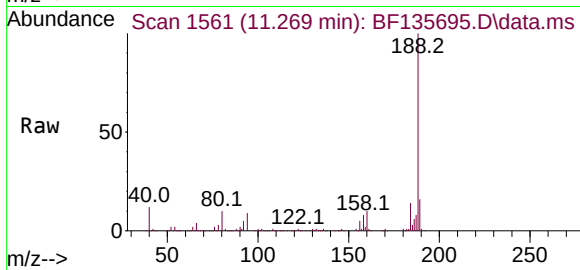
Tgt Ion:188 Resp: 284830

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.6

80 9.8 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 3.919 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.247 min

Lab File: BF135695.D

Acq: 10 Oct 2023 20:39

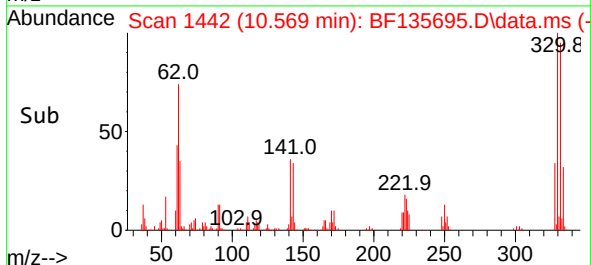
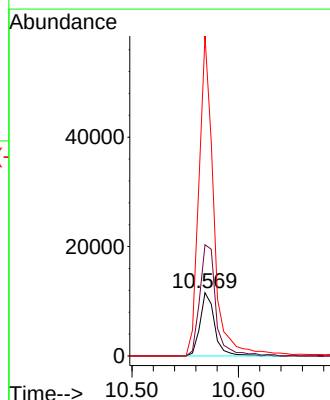
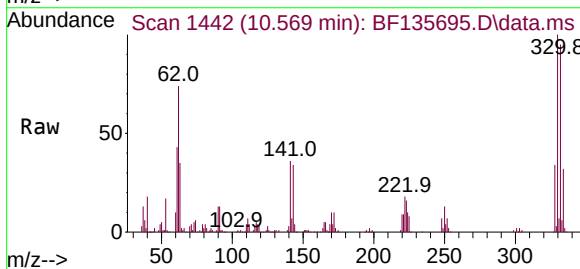
Tgt Ion:248 Resp: 11101

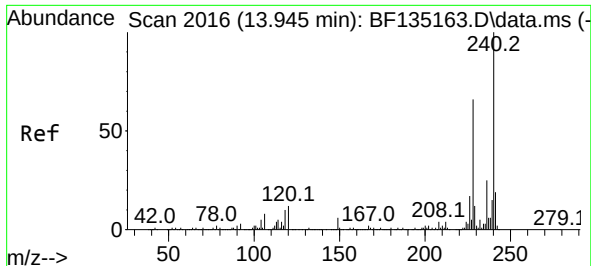
Ion Ratio Lower Upper

248 100

250 176.1 78.6 117.8#

141 506.9 54.2 81.2#

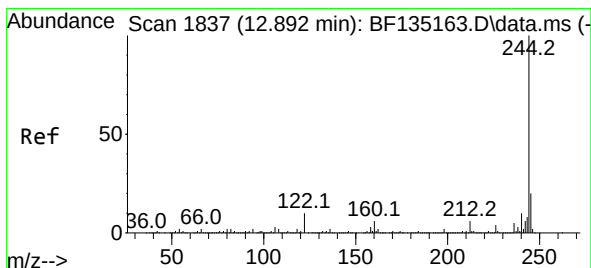
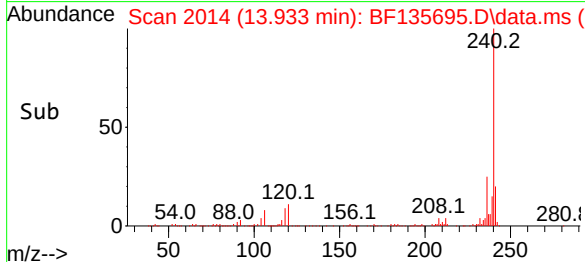
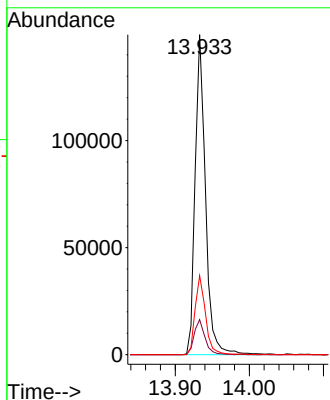
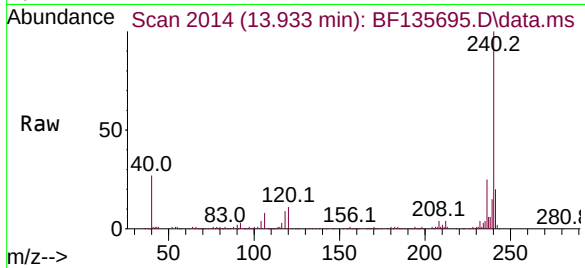




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF135695.D
Acq: 10 Oct 2023 20:39

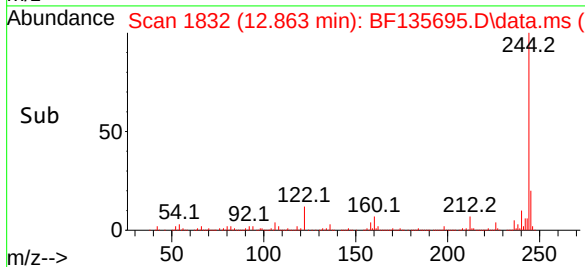
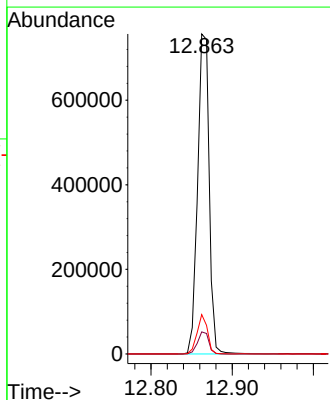
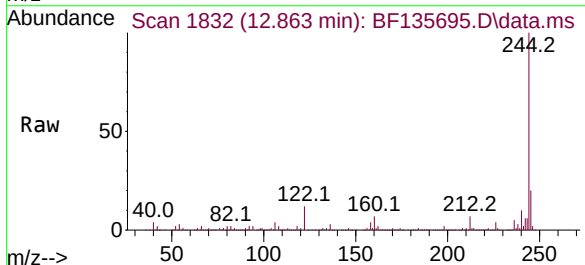
Instrument :
BNA_F
ClientSampleId :
DTP-2

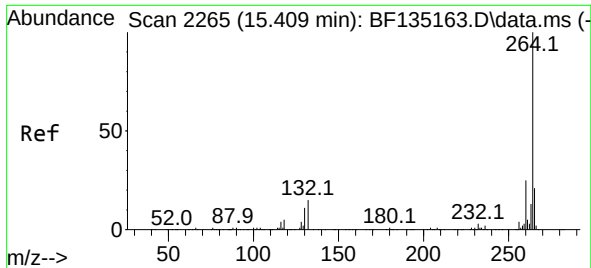
Tgt Ion:240 Resp: 145443
Ion Ratio Lower Upper
240 100
120 11.0 9.4 14.2
236 24.7 19.8 29.8



#79
Terphenyl-d14
Concen: 80.190 ng
RT: 12.863 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BF135695.D
Acq: 10 Oct 2023 20:39

Tgt Ion:244 Resp: 752367
Ion Ratio Lower Upper
244 100
212 6.9 5.1 7.7
122 12.3 7.9 11.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF135695.D
 Acq: 10 Oct 2023 20:39

Instrument :
 BNA_F
 ClientSampleId :
 DTP-2

Tgt Ion:264 Resp: 151069
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.8 29.6
 265 21.9 17.0 25.4

