

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135480.D
 Acq On : 27 Sep 2023 19:05
 Operator : CG\JU
 Sample : 04590-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 01:51:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

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

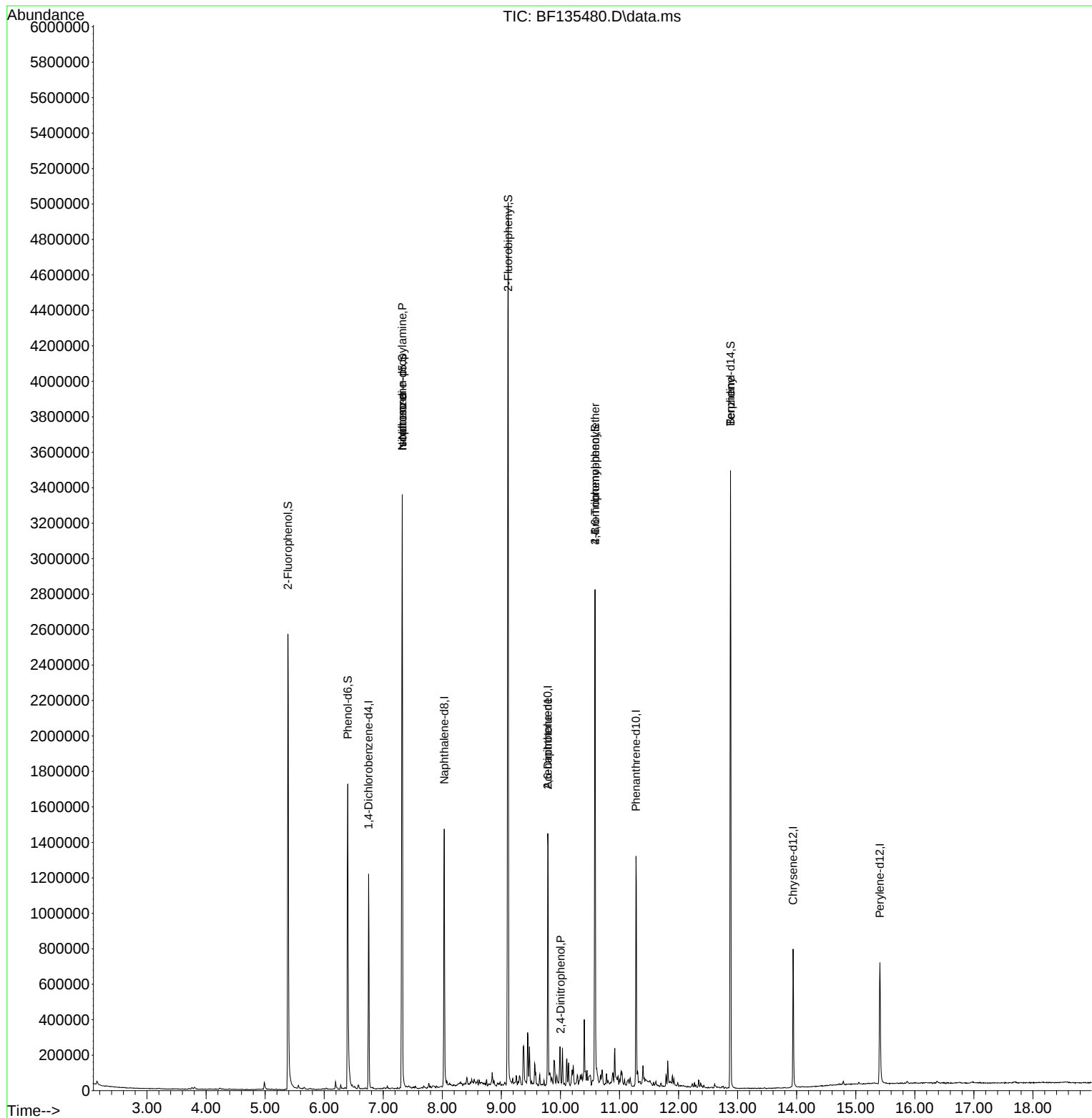
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	173091	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	640491	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	297448	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	486660	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	259764	20.000	ng	0.00
86) Perylene-d12	15.410	264	339859	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	782731	73.549	ng	0.00
7) Phenol-d6	6.398	99	641985	47.441	ng	0.00
23) Nitrobenzene-d5	7.322	82	1170904	99.321	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	342258	115.788	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1774865	90.025	ng	0.00
79) Terphenyl-d14	12.880	244	1287522	76.835	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.322	70	157161	18.750	ng	# 80
25) Isophorone	7.322	82	1169443	54.021	ng	# 65
51) 2,6-Dinitrotoluene	9.786	165	40307	9.149	ng	# 19
54) 2,4-Dinitrophenol	10.004	184	54	6.268	ng	# 1
67) 4-Bromophenyl-phenylether	10.586	248	21098	4.359	ng	# 1
77) Benzidine	12.880	184	16166	3.038	ng	# 94

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

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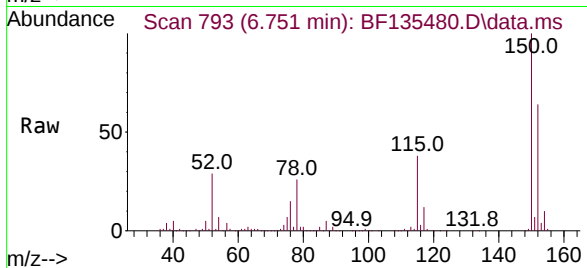
Quant Time: Sep 28 01:51:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 26 01:36:36 2023
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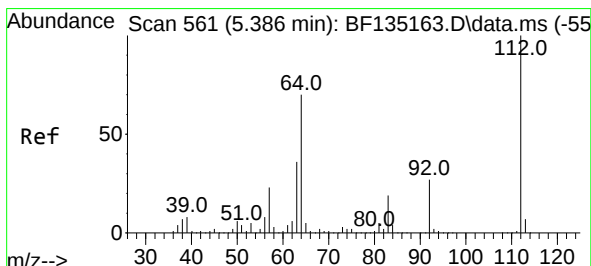
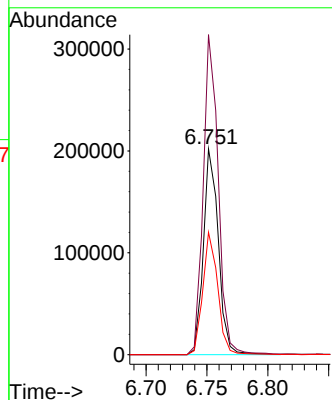
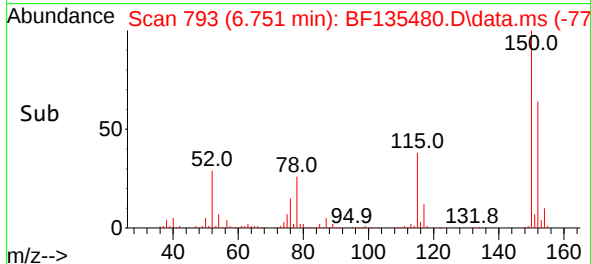


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135480.D
Acq: 27 Sep 2023 19:05

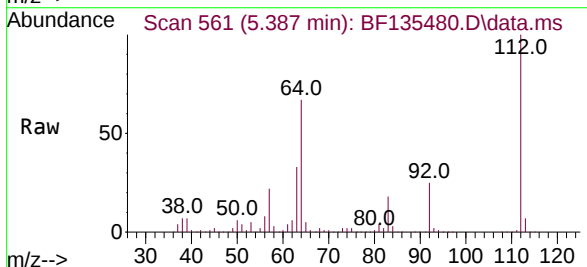
Instrument :
BNA_F
ClientSampleId :



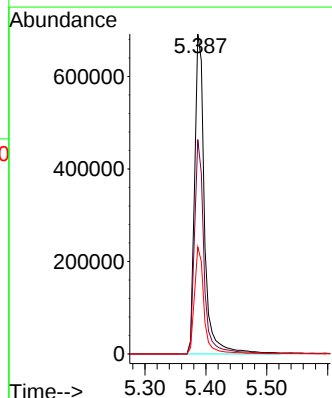
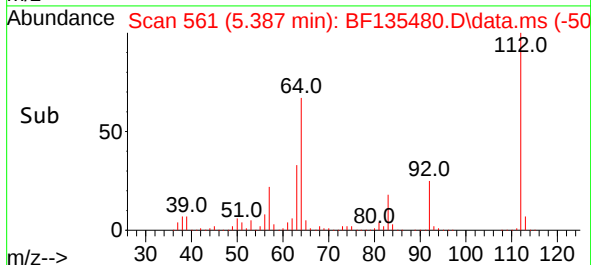
Tgt Ion:152 Resp: 173091
Ion Ratio Lower Upper
152 100
150 155.5 127.8 191.6
115 59.4 49.8 74.8

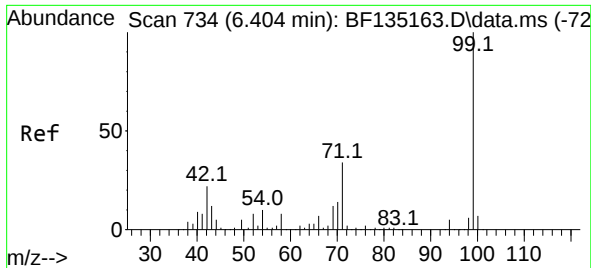


#5
2-Fluorophenol
Concen: 73.549 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF135480.D
Acq: 27 Sep 2023 19:05



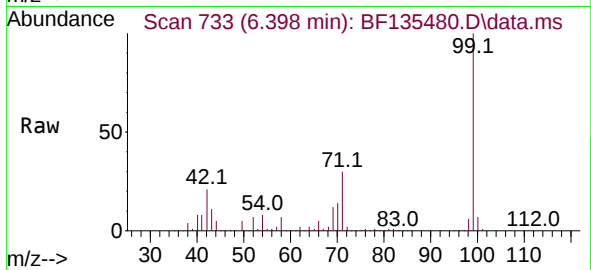
Tgt Ion:112 Resp: 782731
Ion Ratio Lower Upper
112 100
64 67.0 55.9 83.9
63 33.5 29.0 43.6



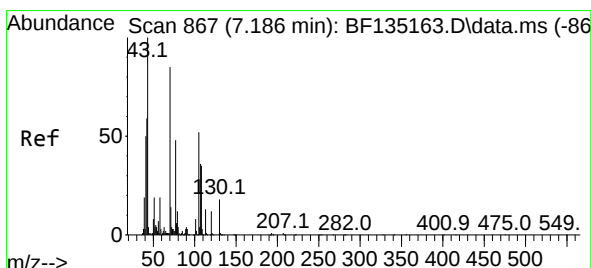
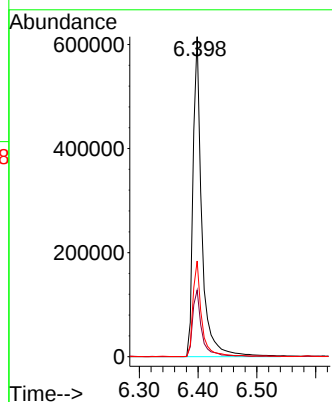
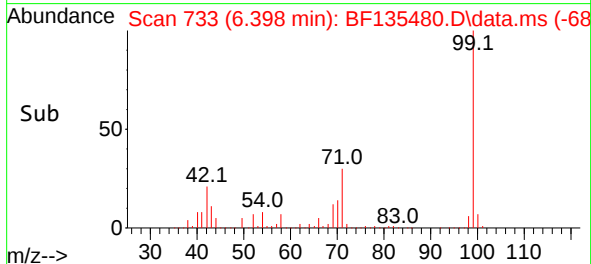


#7
Phenol-d6
Concen: 47.441 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135480.D
Acq: 27 Sep 2023 19:05

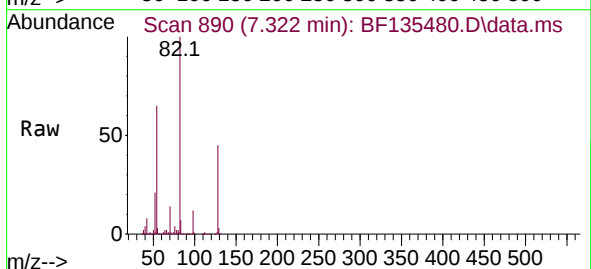
Instrument :
BNA_F
ClientSampleId :



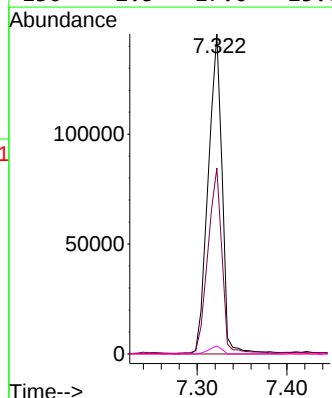
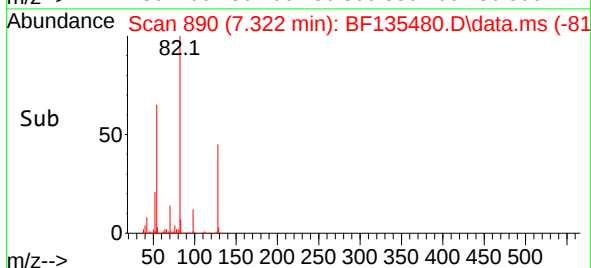
Tgt Ion: 99 Resp: 641985
Ion Ratio Lower Upper
99 100
42 20.8 17.9 26.9
71 29.9 27.0 40.6

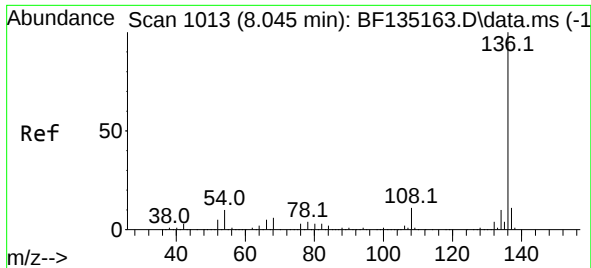


#19
n-Nitroso-di-n-propylamine
Concen: 18.750 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.147 min
Lab File: BF135480.D
Acq: 27 Sep 2023 19:05



Tgt Ion: 70 Resp: 157161
Ion Ratio Lower Upper
70 100
42 58.1 55.4 83.0
101 0.0 7.7 11.5#
130 2.5 17.0 25.6#

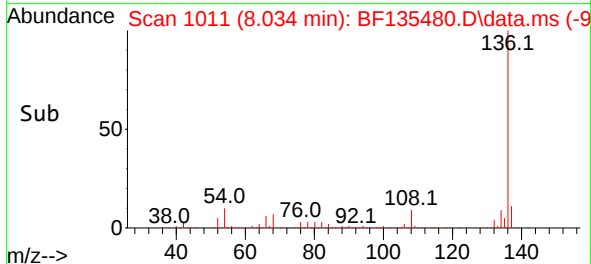
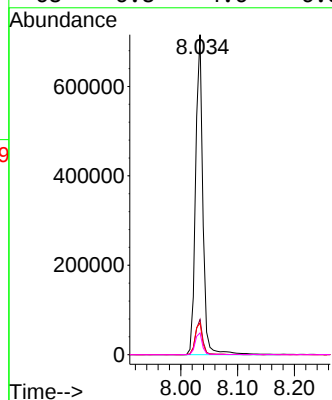
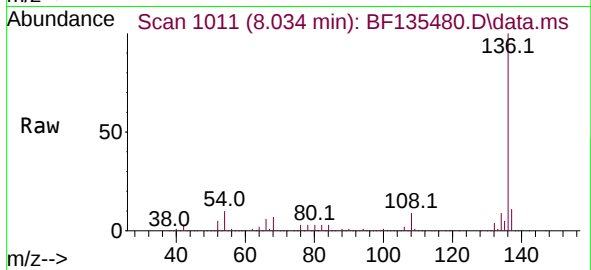




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135480.D
Acq: 27 Sep 2023 19:05

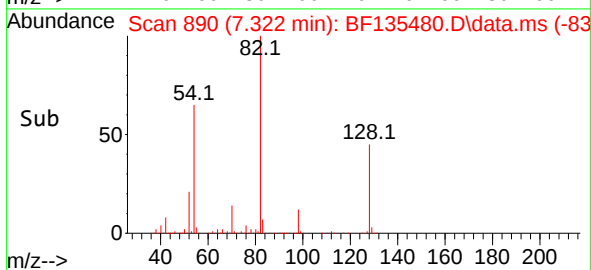
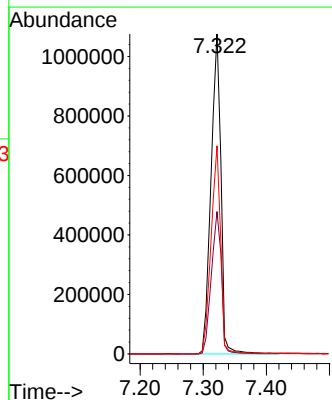
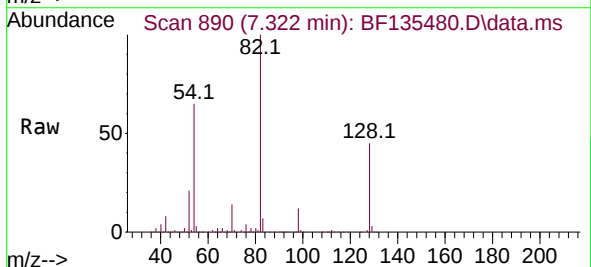
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 640491
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.9 7.7 11.5
68 6.8 4.6 6.8



#23
Nitrobenzene-d5
Concen: 99.321 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF135480.D
Acq: 27 Sep 2023 19:05

Tgt Ion: 82 Resp: 1170904
Ion Ratio Lower Upper
82 100
128 44.5 35.8 53.6
54 65.0 50.6 76.0

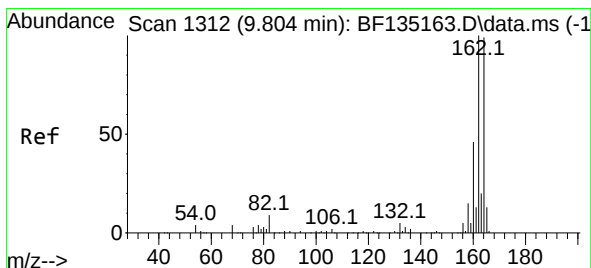
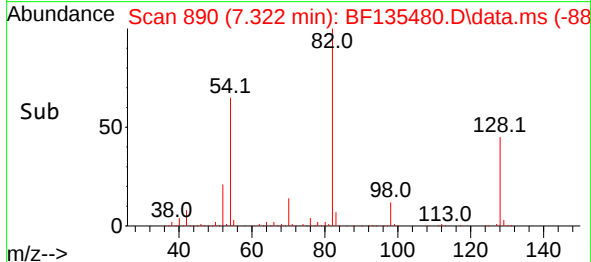
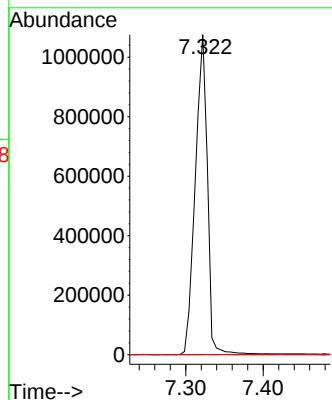
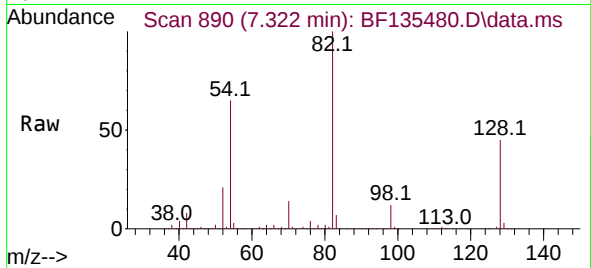




#25
Isophorone
Concen: 54.021 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF135480.D
Acq: 27 Sep 2023 19:05

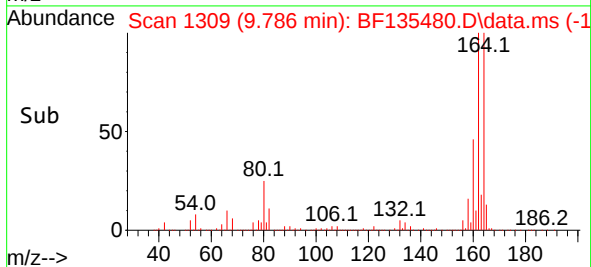
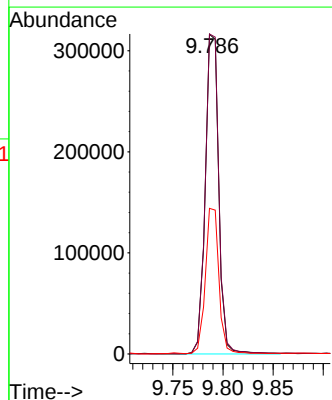
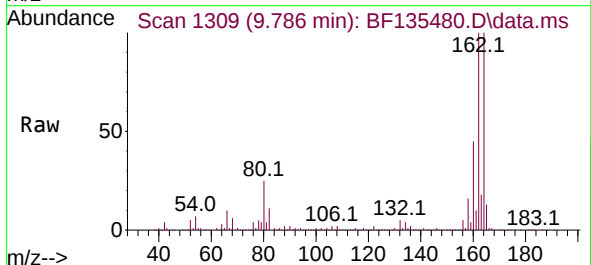
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1169443
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: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF135480.D
Acq: 27 Sep 2023 19:05

Tgt Ion:164 Resp: 297448
Ion Ratio Lower Upper
164 100
162 100.1 81.0 121.4
160 45.5 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 115.788 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.000 min

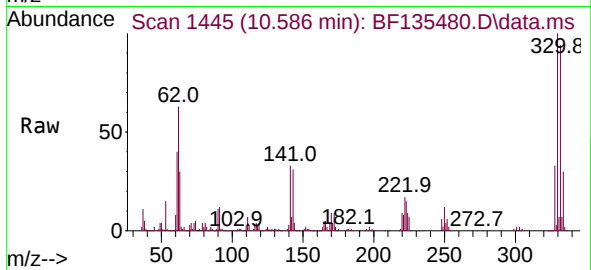
Lab File: BF135480.D

Acq: 27 Sep 2023 19:05

Instrument :

BNA_F

ClientSampleId :



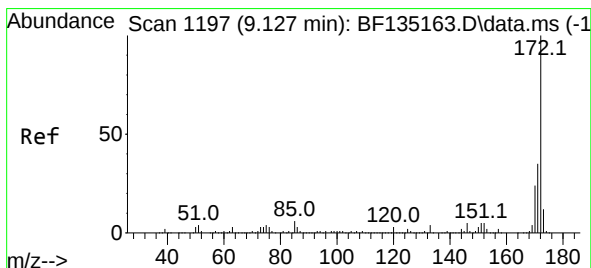
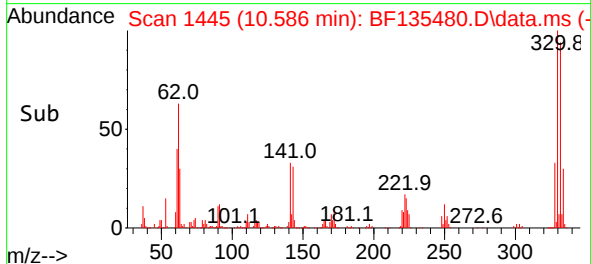
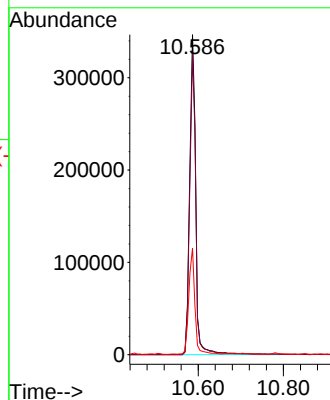
Tgt Ion:330 Resp: 342258

Ion Ratio Lower Upper

330 100

332 93.8 77.3 115.9

141 33.5 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 90.025 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF135480.D

Acq: 27 Sep 2023 19:05

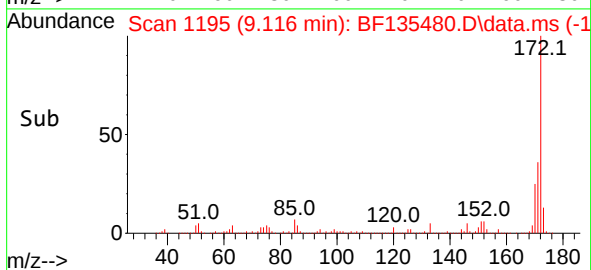
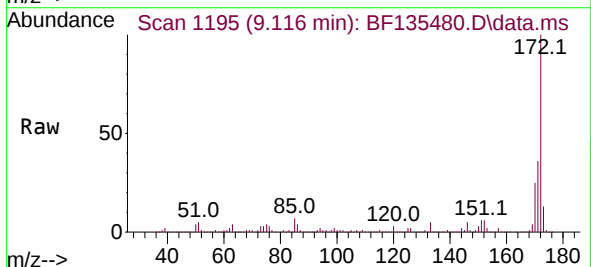
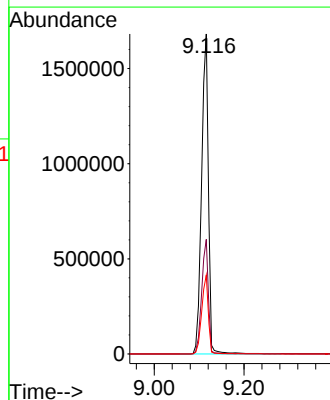
Tgt Ion:172 Resp: 1774865

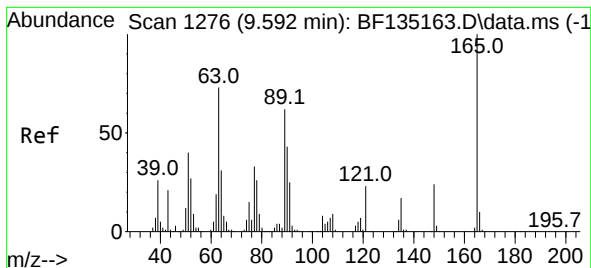
Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 24.6 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 9.149 ng

RT: 9.786 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF135480.D

Acq: 27 Sep 2023 19:05

Instrument :

BNA_F

ClientSampleId :

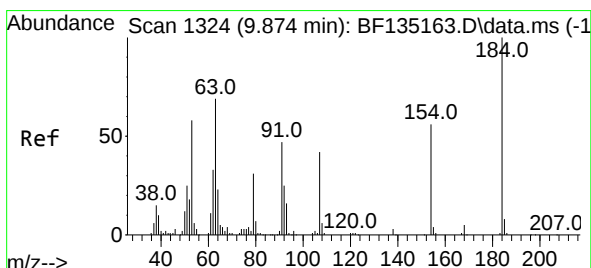
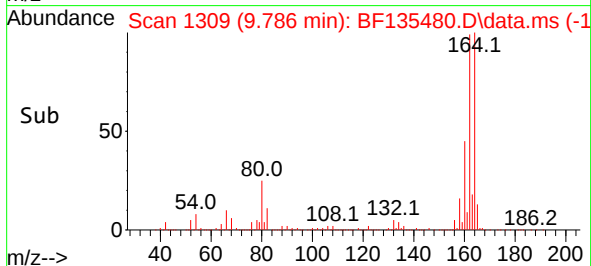
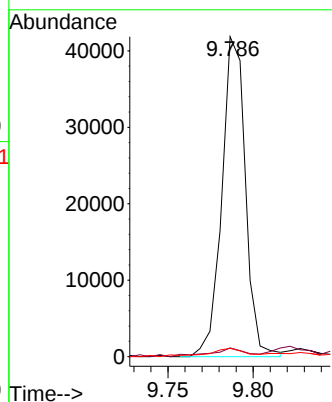
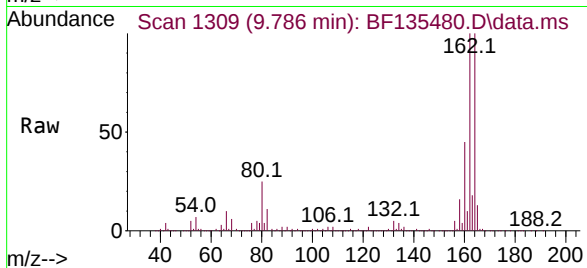
Tgt Ion:165 Resp: 40307

Ion Ratio Lower Upper

165 100

63 2.7 59.4 89.2#

89 2.6 49.8 74.8#



#54

2,4-Dinitrophenol

Concen: 6.268 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.129 min

Lab File: BF135480.D

Acq: 27 Sep 2023 19:05

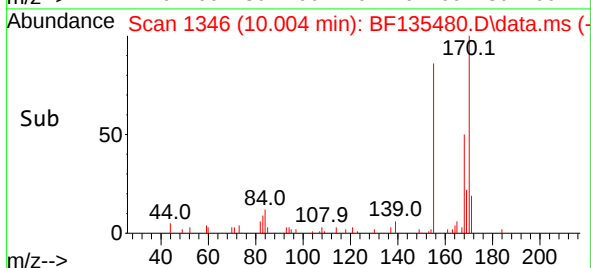
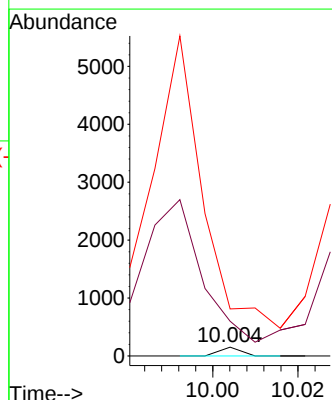
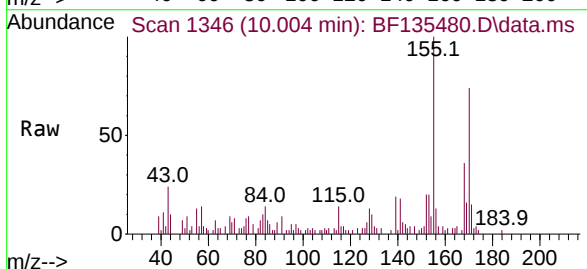
Tgt Ion:184 Resp: 54

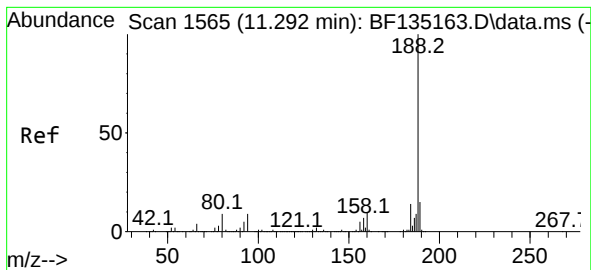
Ion Ratio Lower Upper

184 100

63 394.1 55.1 82.7#

154 533.6 48.4 72.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135480.D

Acq: 27 Sep 2023 19:05

Instrument :

BNA_F

ClientSampleId :

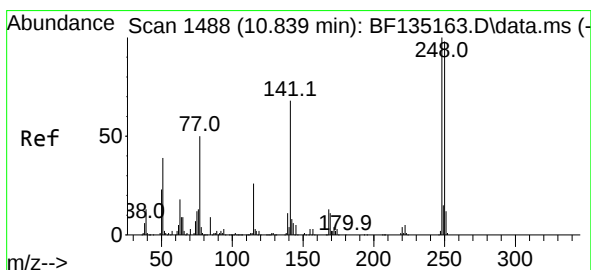
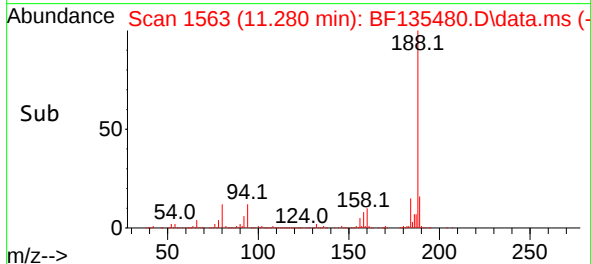
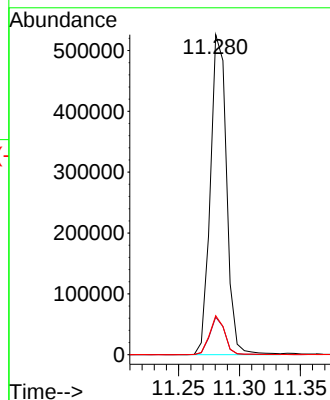
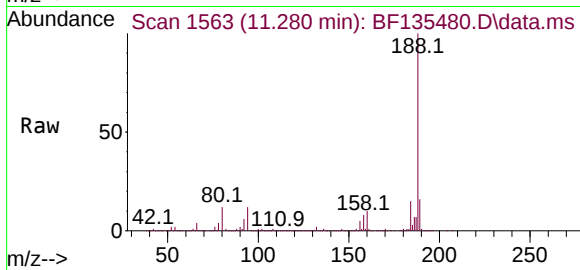
Tgt Ion:188 Resp: 486660

Ion Ratio Lower Upper

188 100

94 11.7 7.0 10.6#

80 12.2 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 4.359 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.241 min

Lab File: BF135480.D

Acq: 27 Sep 2023 19:05

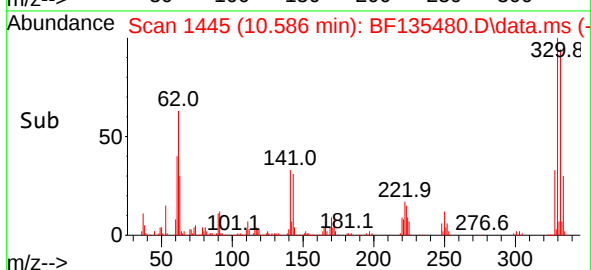
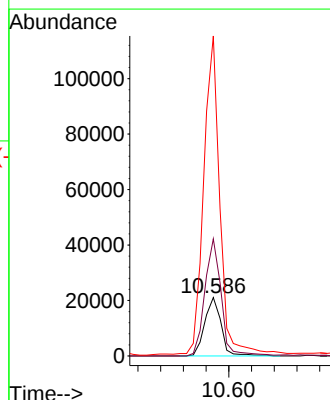
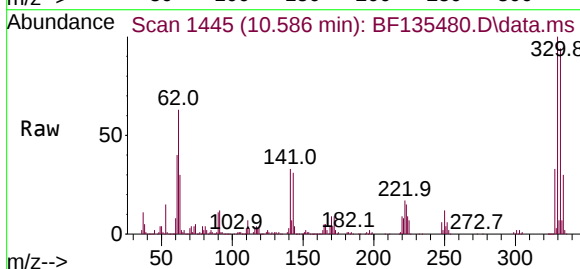
Tgt Ion:248 Resp: 21098

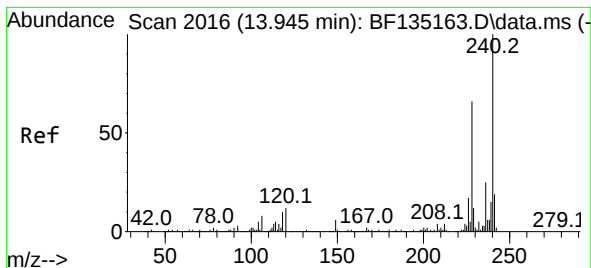
Ion Ratio Lower Upper

248 100

250 200.7 78.6 117.8#

141 548.2 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 20

Delta R.T. -0.006 min

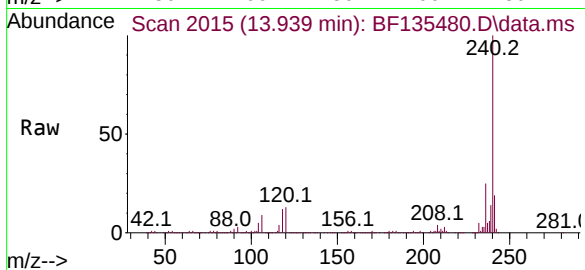
Lab File: BF135480.D

Acq: 27 Sep 2023 19:05

Instrument :

BNA_F

ClientSampleId :



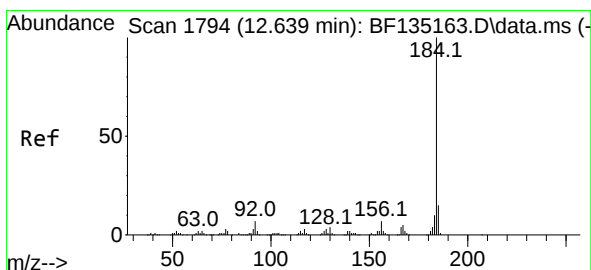
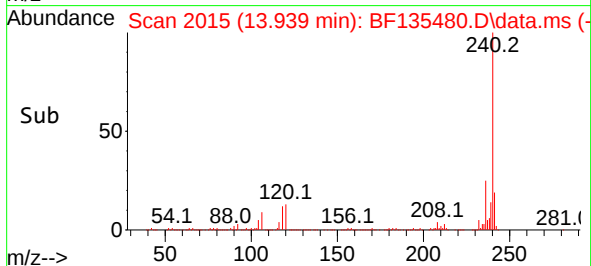
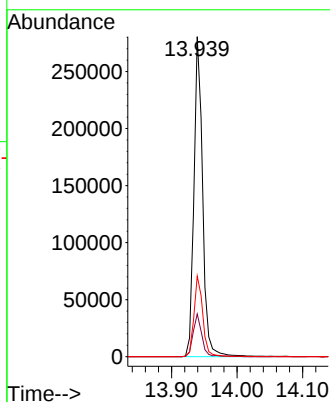
Tgt Ion:240 Resp: 259764

Ion Ratio Lower Upper

240 100

120 13.3 9.4 14.2

236 25.2 19.8 29.8



#77

Benzidine

Concen: 3.038 ng

RT: 12.880 min Scan# 1835

Delta R.T. 0.247 min

Lab File: BF135480.D

Acq: 27 Sep 2023 19:05

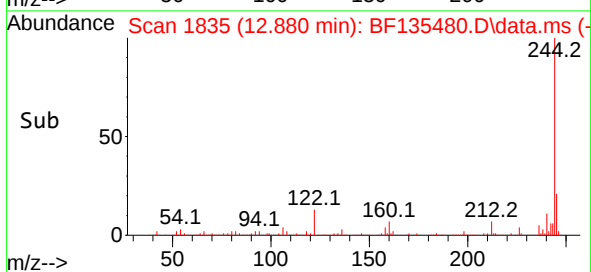
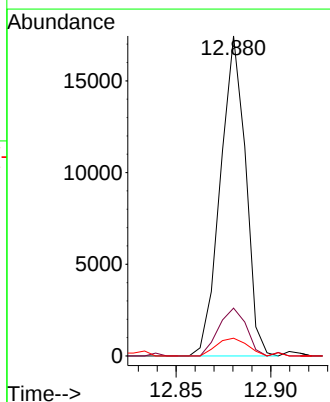
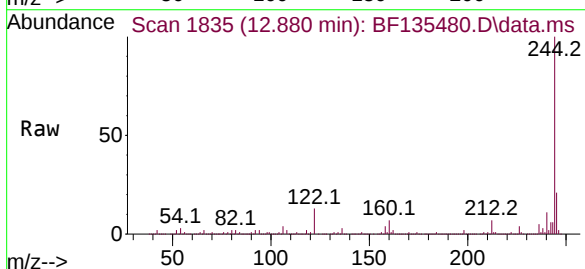
Tgt Ion:184 Resp: 16166

Ion Ratio Lower Upper

184 100

185 14.9 11.7 17.5

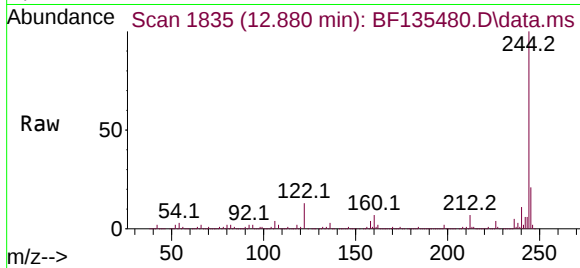
183 5.5 8.2 12.4#



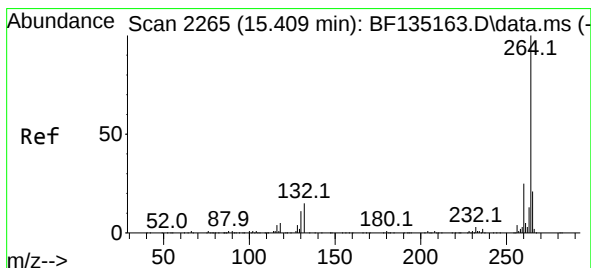
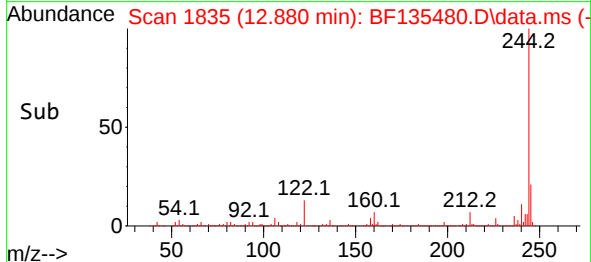
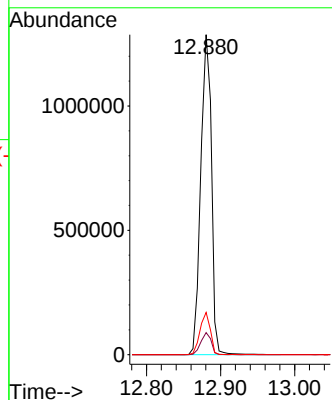


#79
 Terphenyl-d14
 Concen: 76.835 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.000 min
 Lab File: BF135480.D
 Acq: 27 Sep 2023 19:05

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1287522
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 13.2 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.006 min
 Lab File: BF135480.D
 Acq: 27 Sep 2023 19:05

Tgt Ion:264 Resp: 339859
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.8 29.6
 265 21.1 17.0 25.4

