

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
 Data File : BF135983.D
 Acq On : 27 Oct 2023 14:25
 Operator : CG\JU
 Sample : 04767-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-1

Quant Time: Oct 27 22:30:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

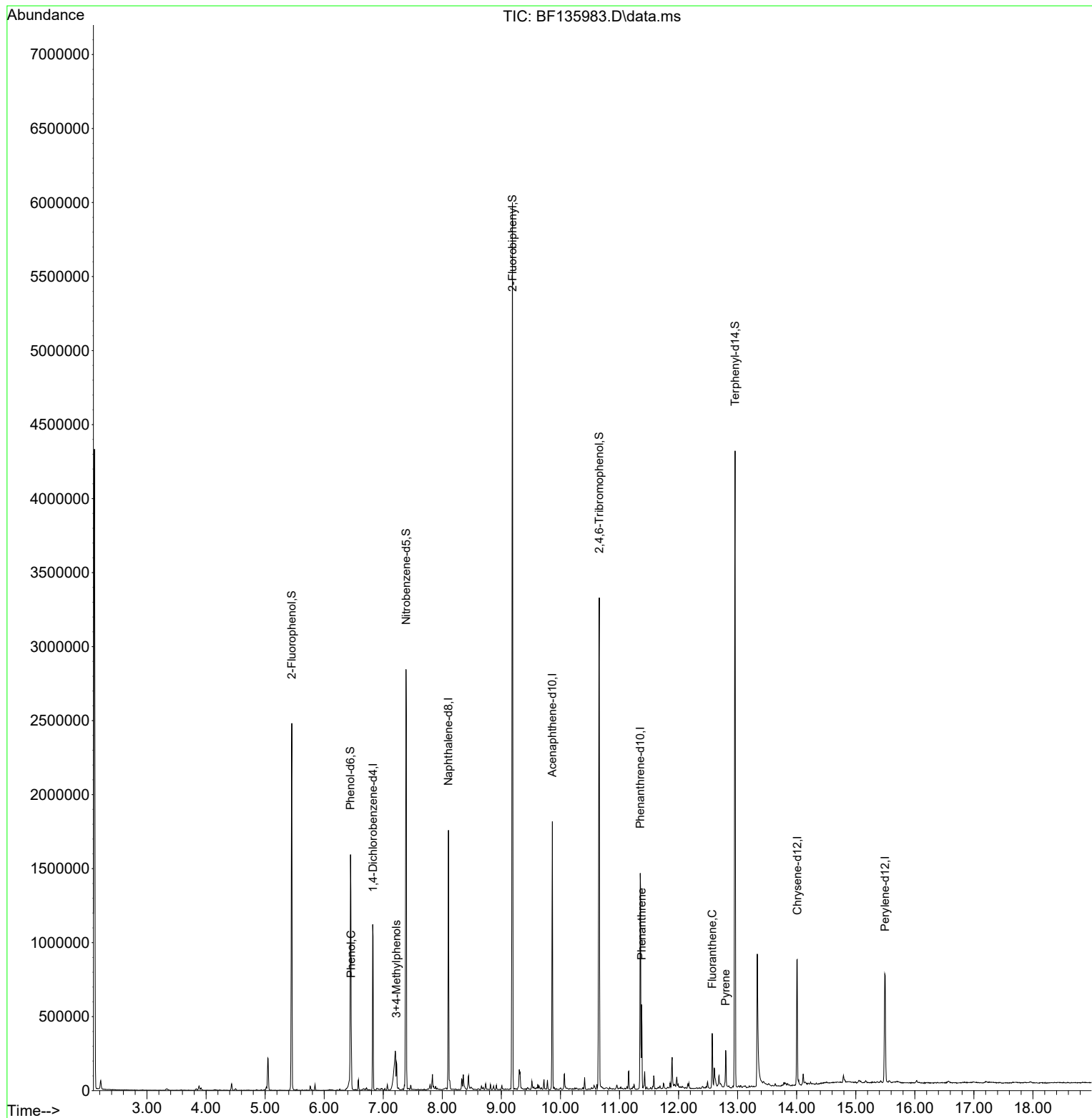
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	161190	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	640156	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	318743	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	538007	20.000	ng	0.00
76) Chrysene-d12	14.010	240	289180	20.000	ng	0.00
86) Perylene-d12	15.498	264	348070	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	664971	63.703	ng	0.00
7) Phenol-d6	6.445	99	527029	40.554	ng	-0.01
23) Nitrobenzene-d5	7.386	82	977608	97.050	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	442098	158.461	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1756315	88.231	ng	0.00
79) Terphenyl-d14	12.957	244	1574877	90.991	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.457	94	78539	5.781	ng	97
20) 3+4-Methylphenols	7.222	107	26284	2.287	ng	89
71) Phenanthrene	11.374	178	189757	6.971	ng	99
75) Fluoranthene	12.569	202	134697	4.704	ng	97
78) Pyrene	12.798	202	94716	3.901	ng	96

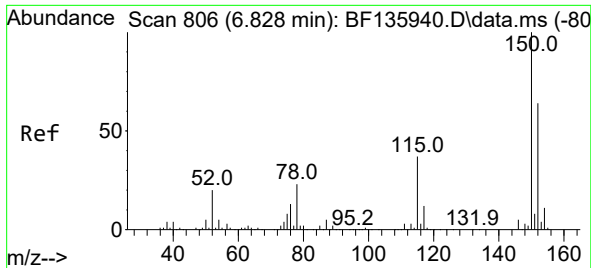
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135983.D
Acq On : 27 Oct 2023 14:25
Operator : CG\JU
Sample : 04767-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB-1

Quant Time: Oct 27 22:30:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 26 03:58:01 2023
Response via : Initial Calibration

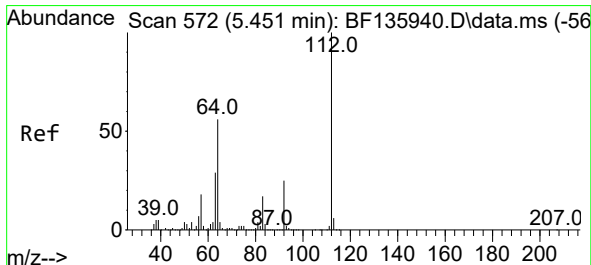
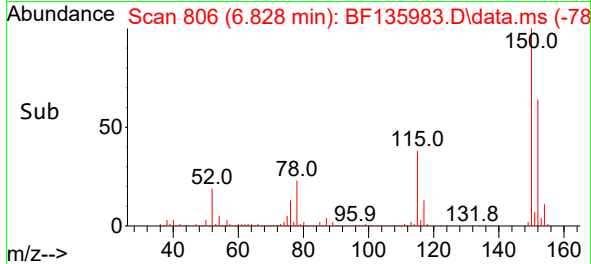
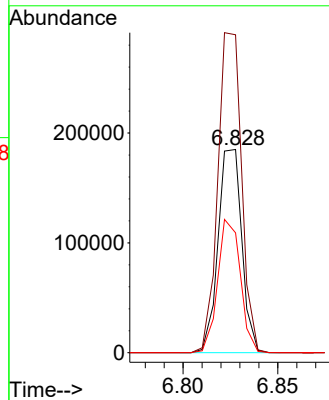
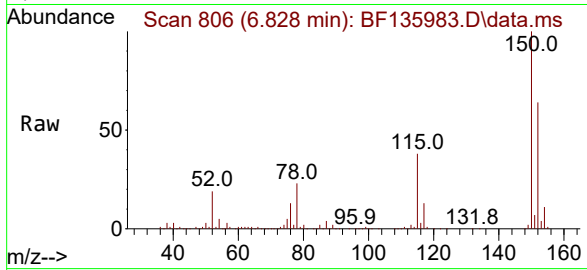




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF135983.D
Acq: 27 Oct 2023 14:25

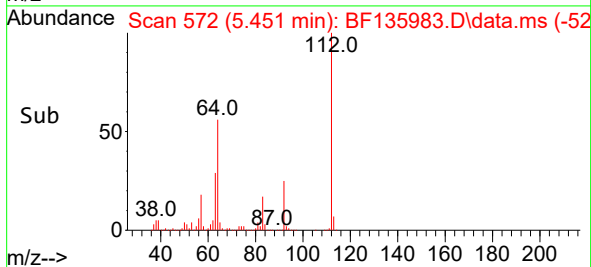
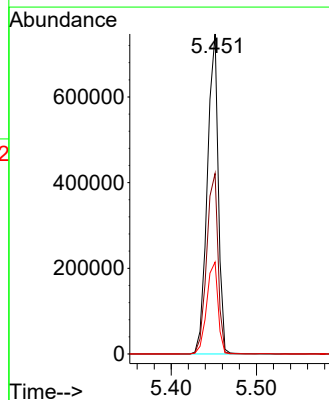
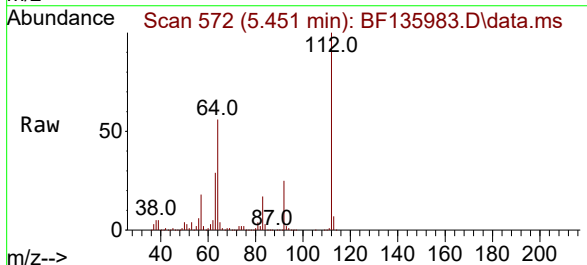
Instrument :
BNA_F
ClientSampleId :
EB-1

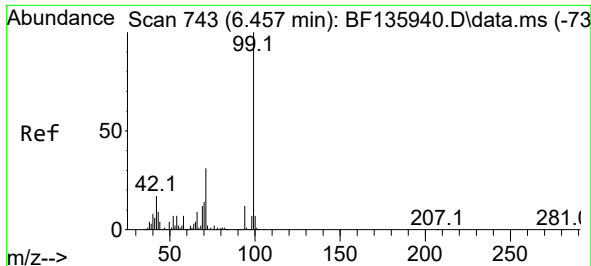
Tgt Ion:152 Resp: 161190
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 59.0 46.6 69.8



#5
2-Fluorophenol
Concen: 63.703 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF135983.D
Acq: 27 Oct 2023 14:25

Tgt Ion:112 Resp: 664971
Ion Ratio Lower Upper
112 100
64 56.4 45.1 67.7
63 28.7 23.0 34.4

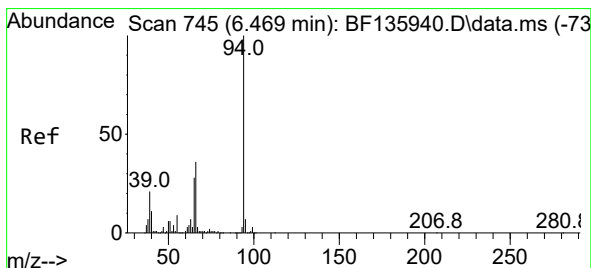
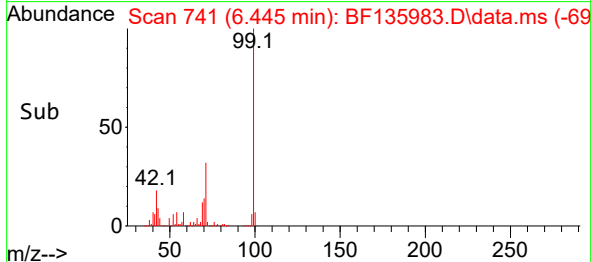
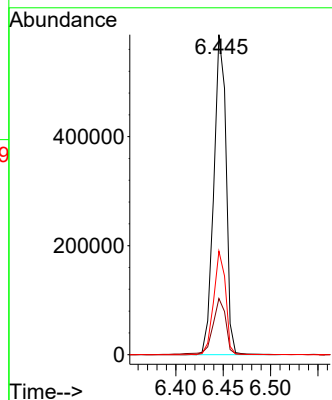
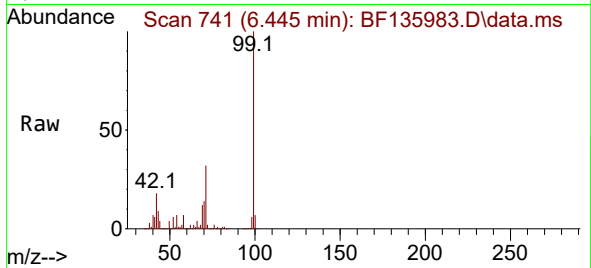




#7
Phenol-d6
Concen: 40.554 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF135983.D
Acq: 27 Oct 2023 14:25

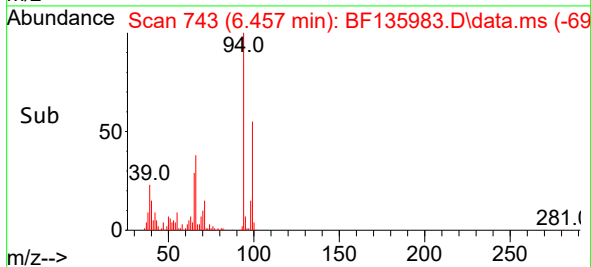
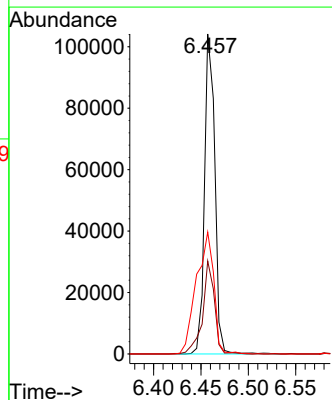
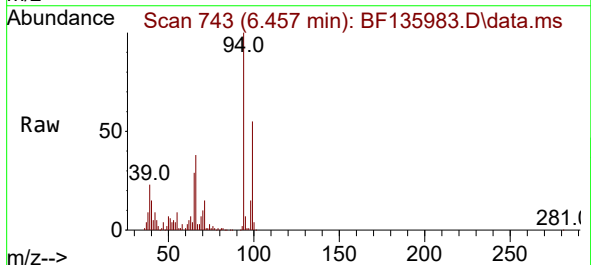
Instrument :
BNA_F
ClientSampleId :
EB-1

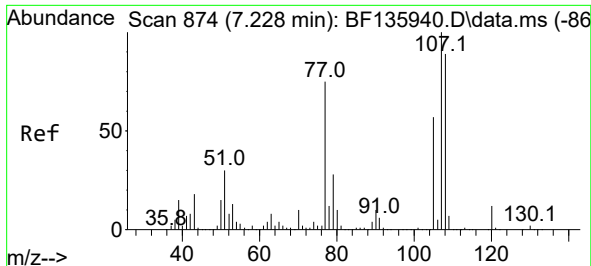
Tgt Ion: 99 Resp: 527029
Ion Ratio Lower Upper
99 100
42 17.5 13.8 20.8
71 32.4 25.1 37.7



#10
Phenol
Concen: 5.781 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF135983.D
Acq: 27 Oct 2023 14:25

Tgt Ion: 94 Resp: 78539
Ion Ratio Lower Upper
94 100
65 29.0 7.8 47.8
66 38.1 16.5 56.5





#20

3+4-Methylphenols

Concen: 2.287 ng

RT: 7.222 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135983.D

Acq: 27 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

EB-1

Tgt Ion:107 Resp: 26284

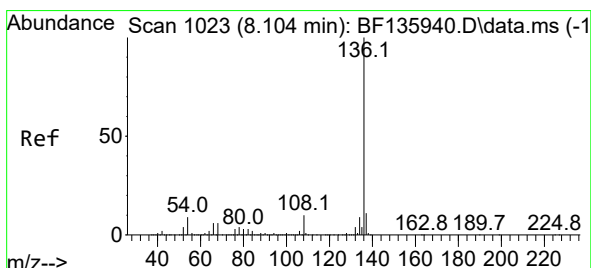
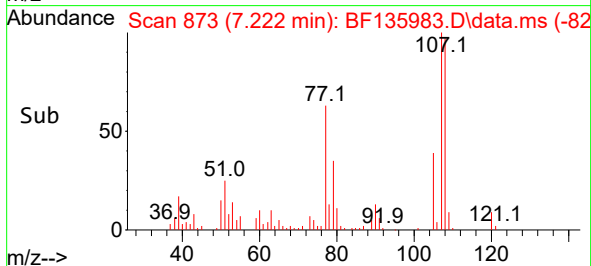
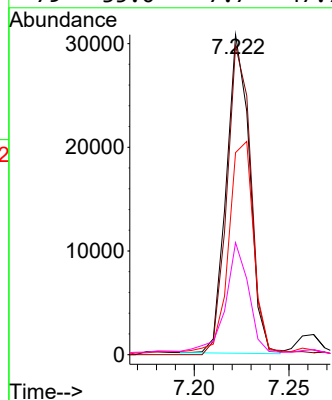
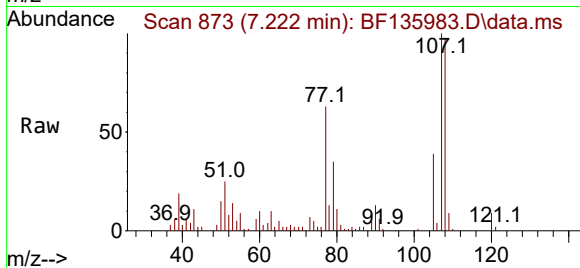
Ion Ratio Lower Upper

107 100

108 96.6 69.1 109.1

77 63.1 55.0 95.0

79 35.0 7.7 47.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.104 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF135983.D

Acq: 27 Oct 2023 14:25

Tgt Ion:136 Resp: 640156

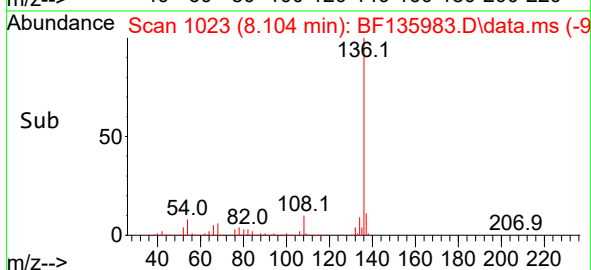
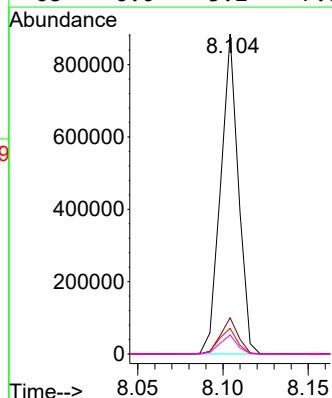
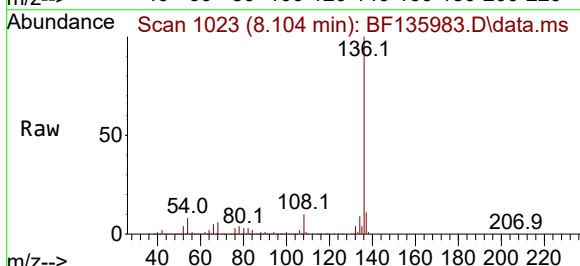
Ion Ratio Lower Upper

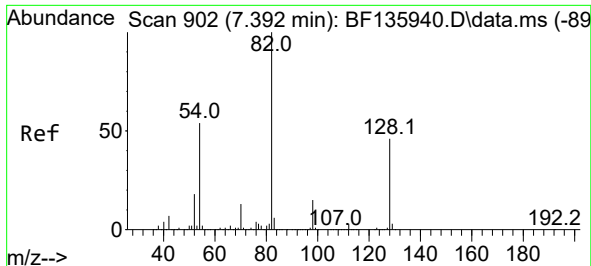
136 100

137 11.3 9.0 13.6

54 8.0 7.1 10.7

68 6.0 5.2 7.8





#23

Nitrobenzene-d5

Concen: 97.050 ng

RT: 7.386 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF135983.D

Acq: 27 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

EB-1

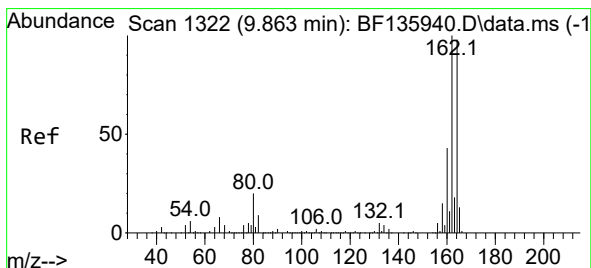
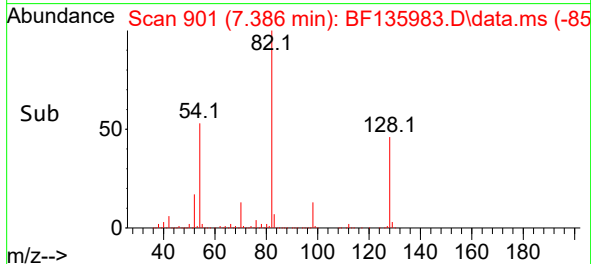
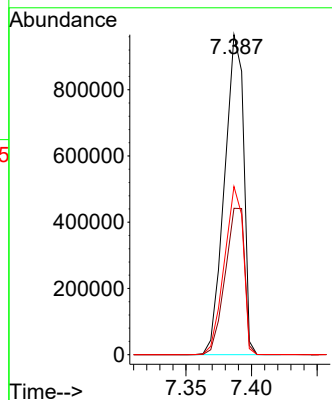
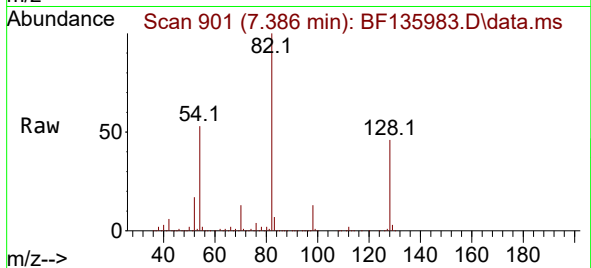
Tgt Ion: 82 Resp: 977608

Ion Ratio Lower Upper

82 100

128 45.8 36.8 55.2

54 52.5 43.4 65.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF135983.D

Acq: 27 Oct 2023 14:25

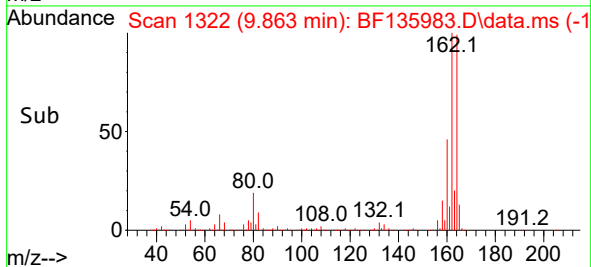
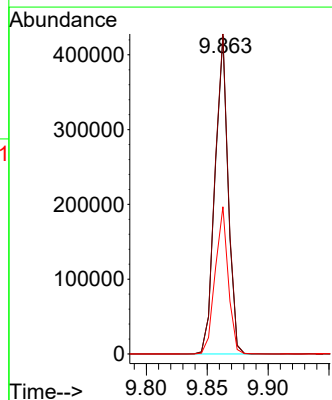
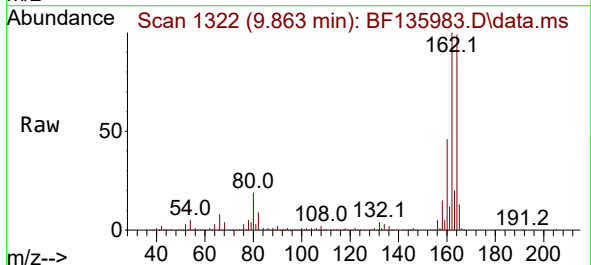
Tgt Ion:164 Resp: 318743

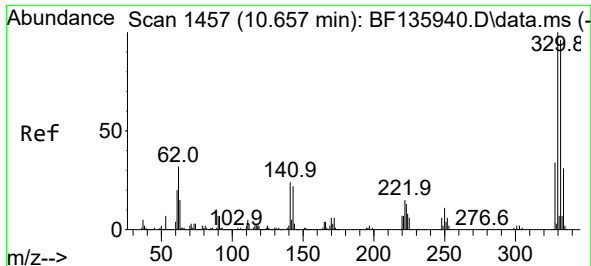
Ion Ratio Lower Upper

164 100

162 100.7 82.0 123.0

160 46.3 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 158.461 ng

RT: 10.657 min Scan# 1457

Delta R.T. 0.000 min

Lab File: BF135983.D

Acq: 27 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

EB-1

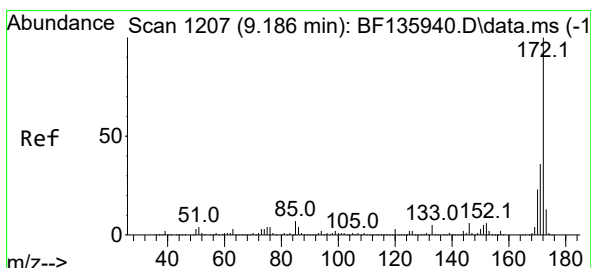
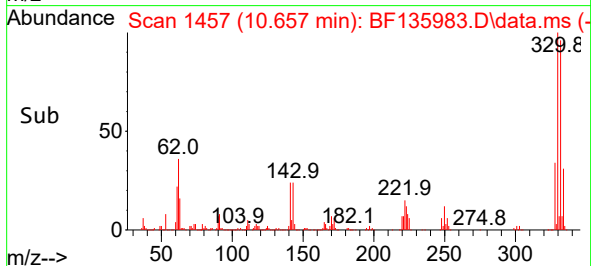
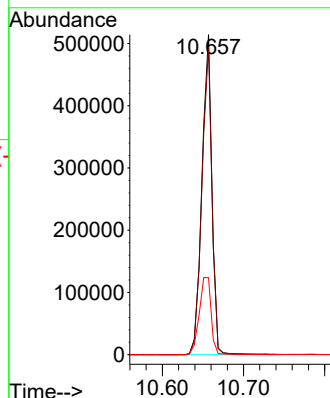
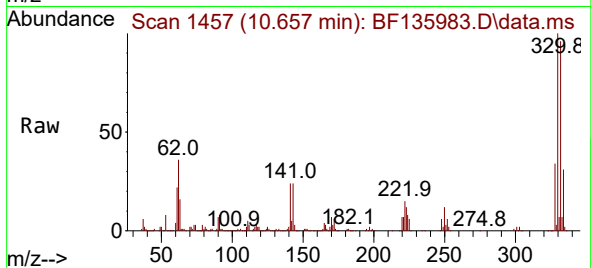
Tgt Ion:330 Resp: 442098

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.2

141 28.5 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 88.231 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF135983.D

Acq: 27 Oct 2023 14:25

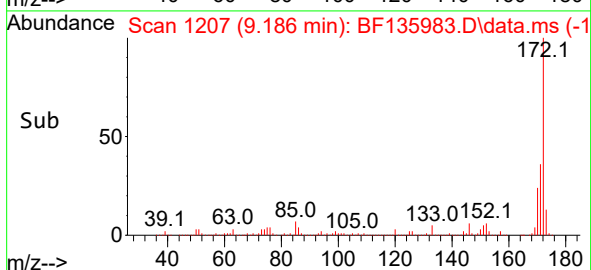
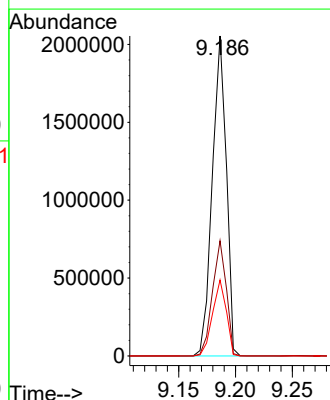
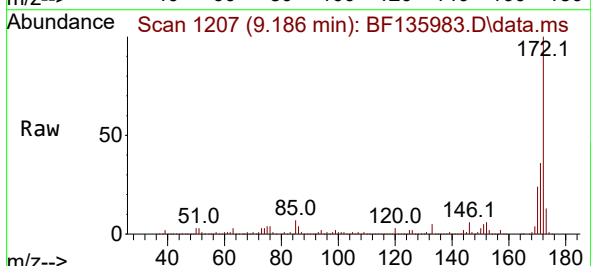
Tgt Ion:172 Resp: 1756315

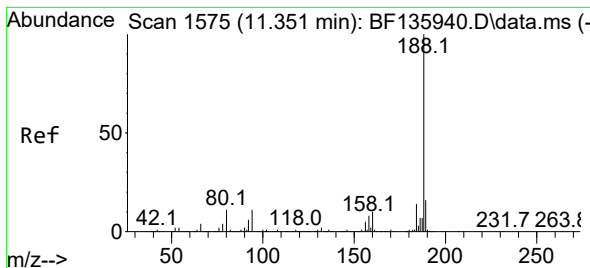
Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 23.8 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135983.D

Acq: 27 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

EB-1

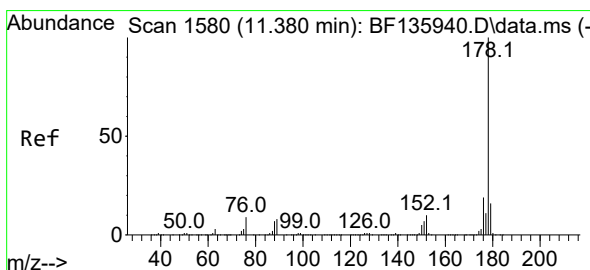
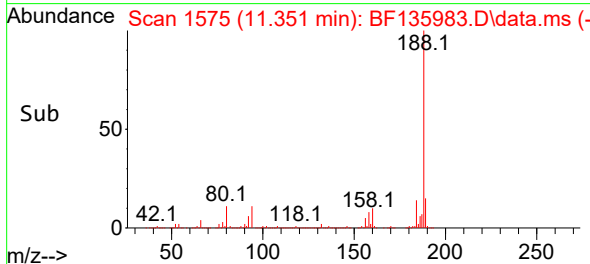
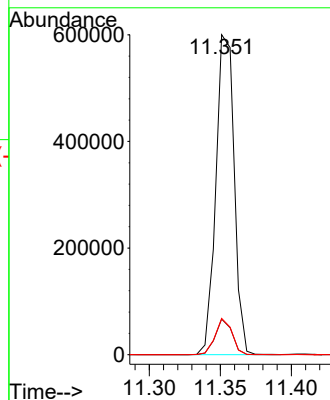
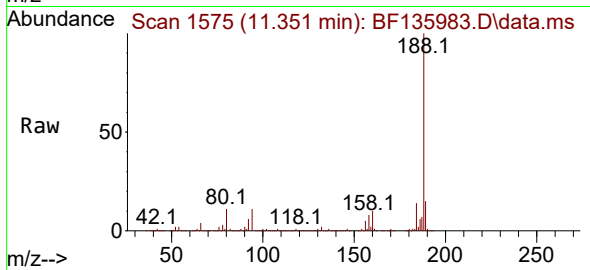
Tgt Ion:188 Resp: 538007

Ion Ratio Lower Upper

188 100

94 11.1 8.6 13.0

80 11.3 9.0 13.6



#71

Phenanthrene

Concen: 6.971 ng

RT: 11.374 min Scan# 1579

Delta R.T. -0.006 min

Lab File: BF135983.D

Acq: 27 Oct 2023 14:25

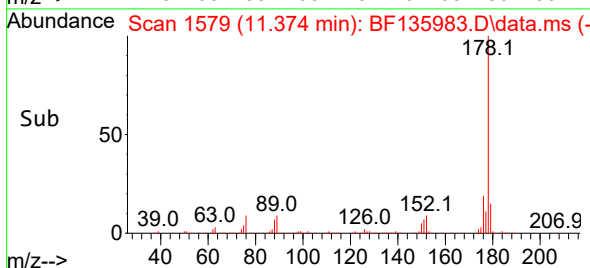
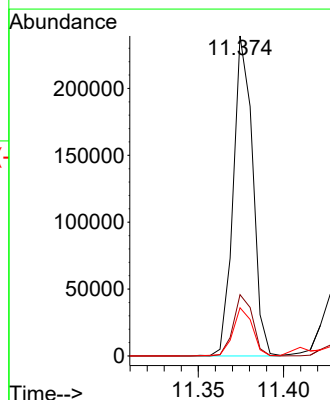
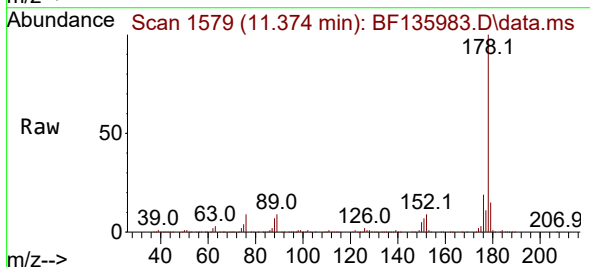
Tgt Ion:178 Resp: 189757

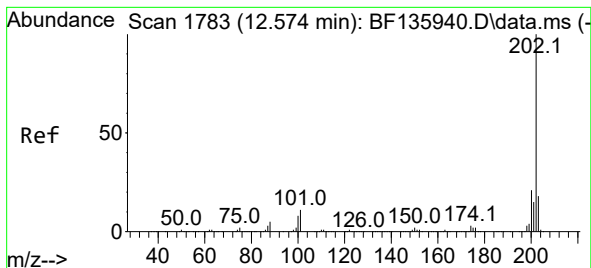
Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.1 12.5 18.7





#75

Fluoranthene

Concen: 4.704 ng

RT: 12.569 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135983.D

Acq: 27 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

EB-1

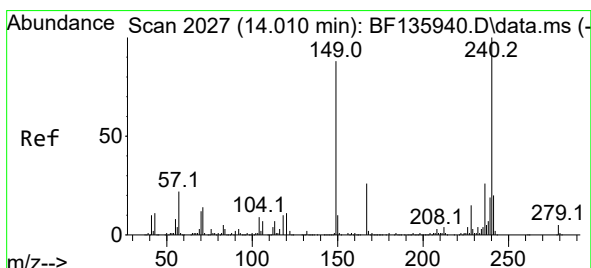
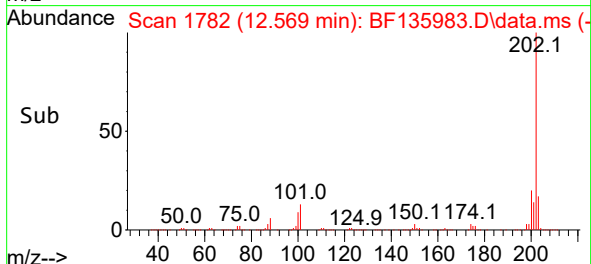
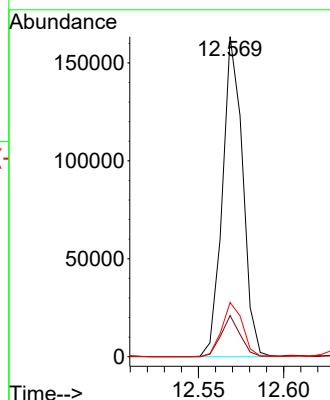
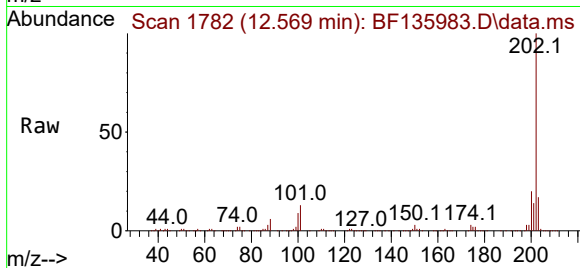
Tgt Ion:202 Resp: 134697

Ion Ratio Lower Upper

202 100

101 12.9 0.0 30.6

203 17.0 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF135983.D

Acq: 27 Oct 2023 14:25

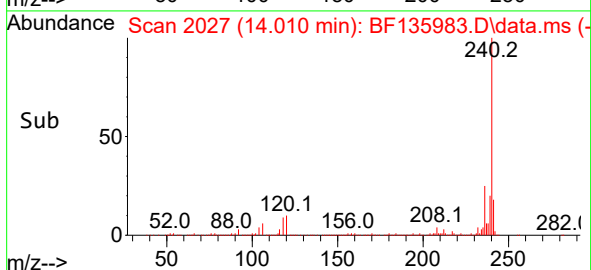
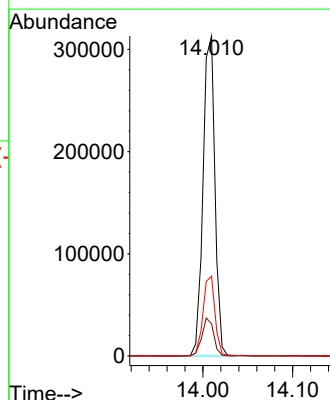
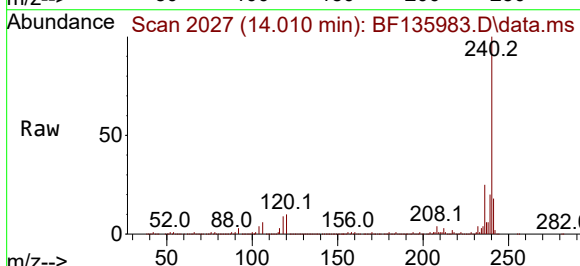
Tgt Ion:240 Resp: 289180

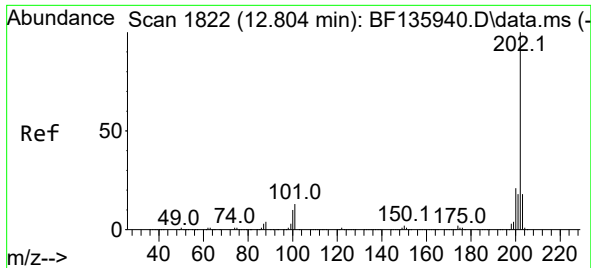
Ion Ratio Lower Upper

240 100

120 10.0 8.6 13.0

236 24.9 20.6 30.8

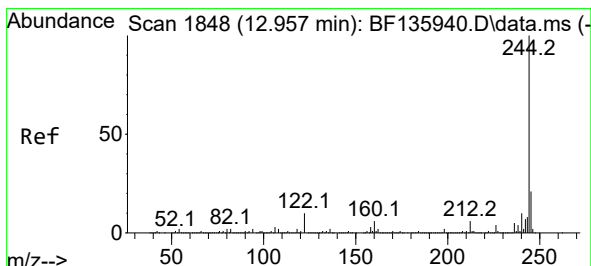
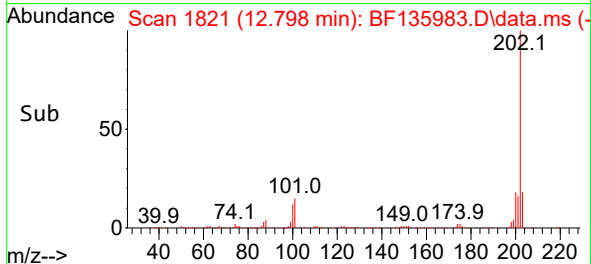
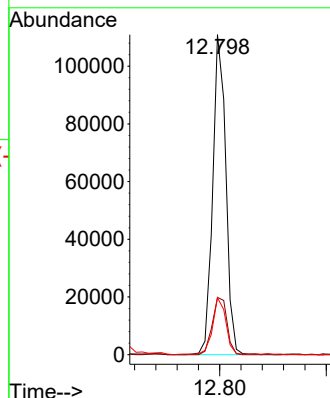
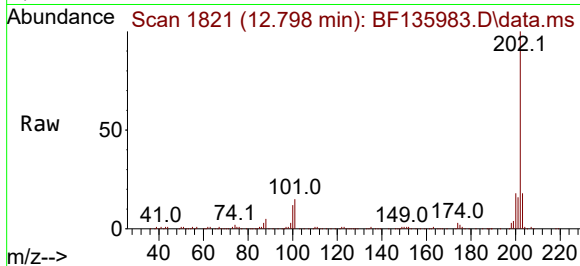




#78
Pyrene
Concen: 3.901 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF135983.D
Acq: 27 Oct 2023 14:25

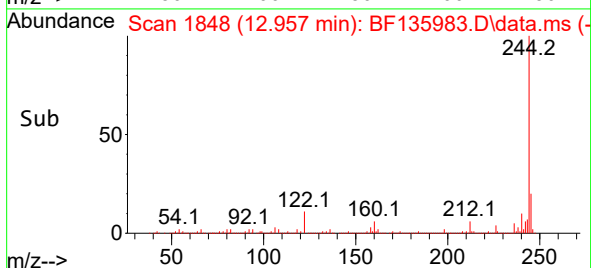
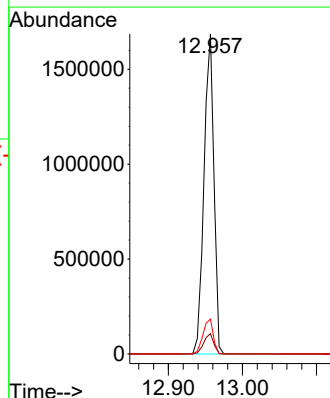
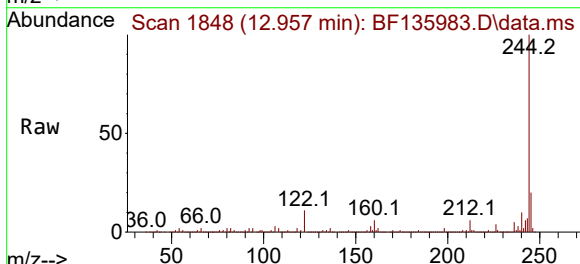
Instrument :
BNA_F
ClientSampleId :
EB-1

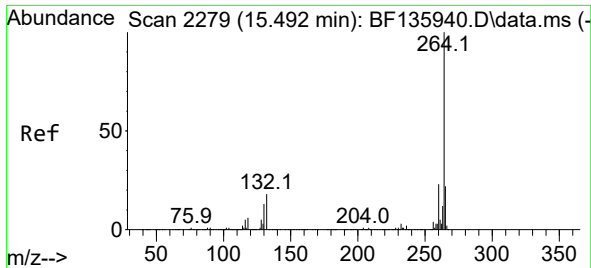
Tgt Ion:202 Resp: 94716
Ion Ratio Lower Upper
202 100
200 17.9 17.0 25.6
203 17.8 14.5 21.7



#79
Terphenyl-d14
Concen: 90.991 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.000 min
Lab File: BF135983.D
Acq: 27 Oct 2023 14:25

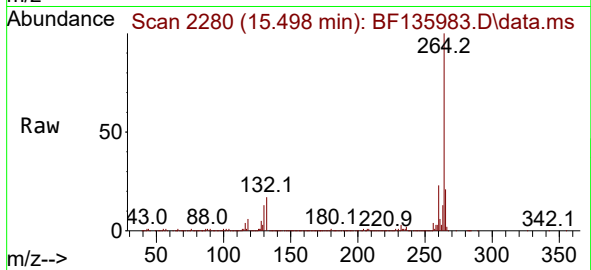
Tgt Ion:244 Resp: 1574877
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.6
122 10.9 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF135983.D
Acq: 27 Oct 2023 14:25

Instrument :
BNA_F
ClientSampleId :
EB-1



Tgt Ion:264 Resp: 348070
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 21.4 17.3 25.9

