

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
 Data File : BF135080.D
 Acq On : 01 Sep 2023 17:10
 Operator : CG\JU
 Sample : 04244-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BIN-BLOCK

Quant Time: Sep 04 01:08:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

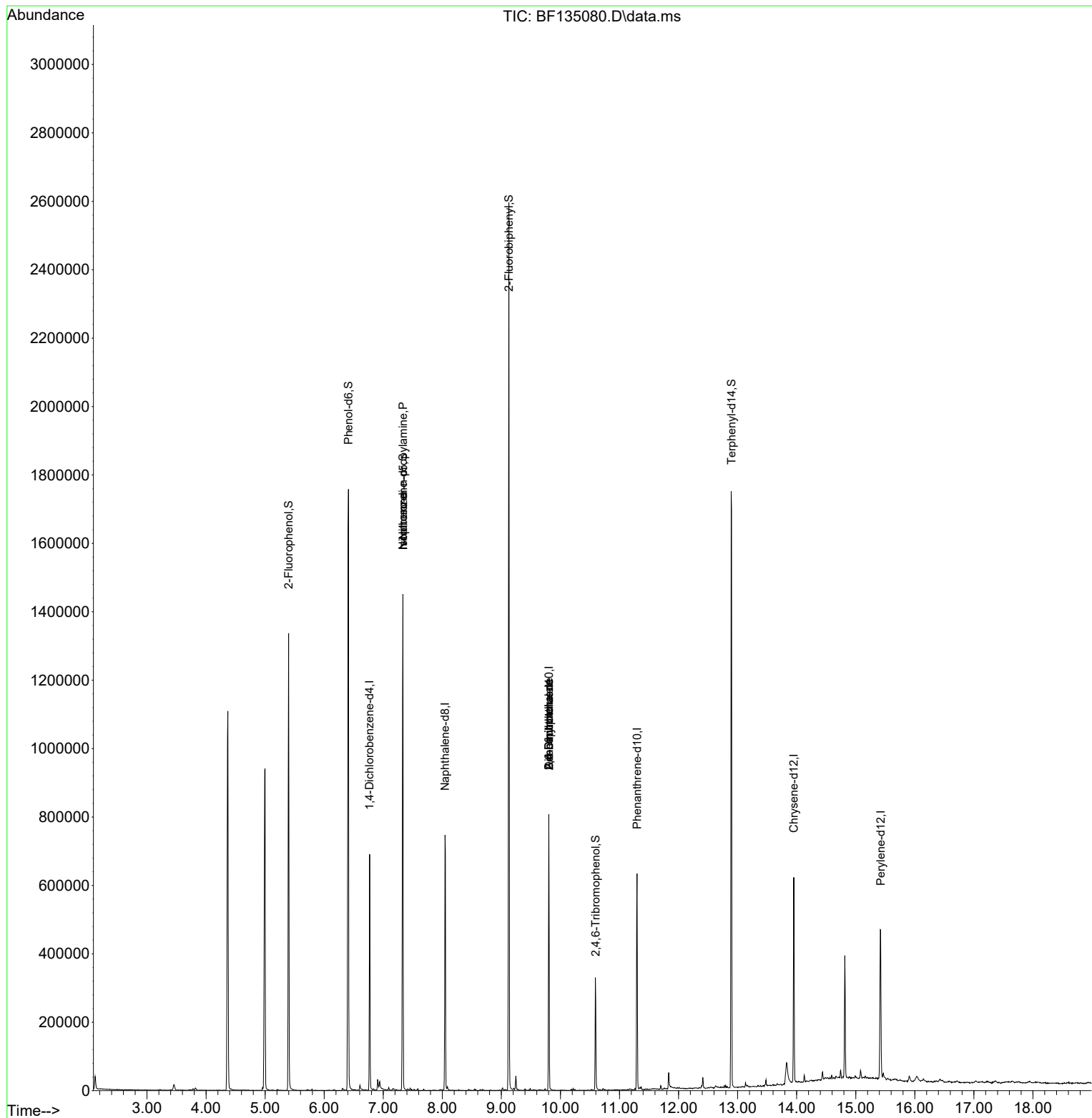
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	85503	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	335459	20.000	ng	-0.01
39) Acenaphthene-d10	9.804	164	148685	20.000	ng	-0.01
64) Phenanthrene-d10	11.298	188	224984	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	195738	20.000	ng	-0.01
86) Perylene-d12	15.421	264	208905	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	330645	59.731	ng	0.00
7) Phenol-d6	6.410	99	604934	87.675	ng	0.00
23) Nitrobenzene-d5	7.334	82	434005	72.685	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	38975	24.711	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	729135	79.841	ng	-0.01
79) Terphenyl-d14	12.898	244	639270	53.297	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.334	70	57935	14.136	ng	# 75
25) Isophorone	7.334	82	434073	38.342	ng	# 65
50) Dimethylphthalate	9.804	163	27850	2.675	ng	# 1
51) 2,6-Dinitrotoluene	9.804	165	18654	8.166	ng	# 22
57) 2,4-Dinitrotoluene	9.804	165	18654	6.552	ng	# 20

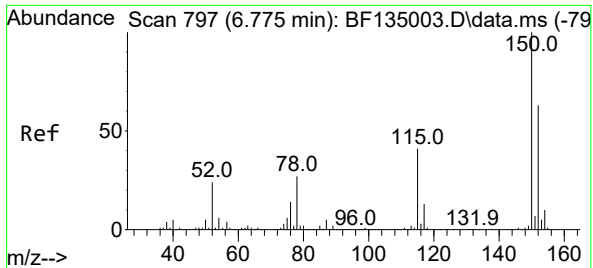
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
Data File : BF135080.D
Acq On : 01 Sep 2023 17:10
Operator : CG\JU
Sample : 04244-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BIN-BLOCK

Quant Time: Sep 04 01:08:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

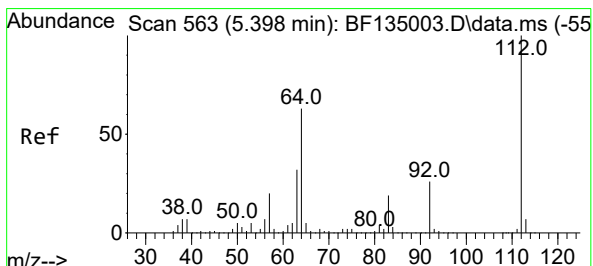
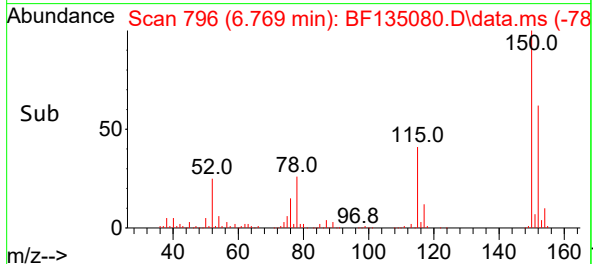
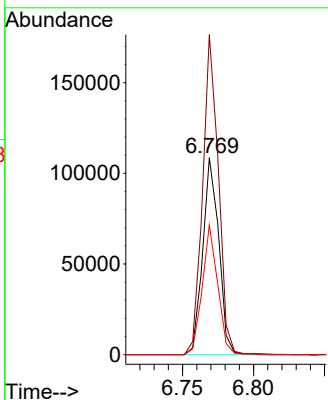
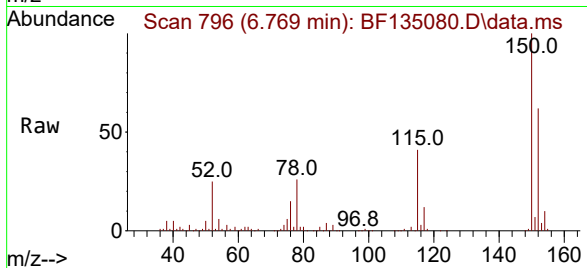




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135080.D
Acq: 01 Sep 2023 17:10

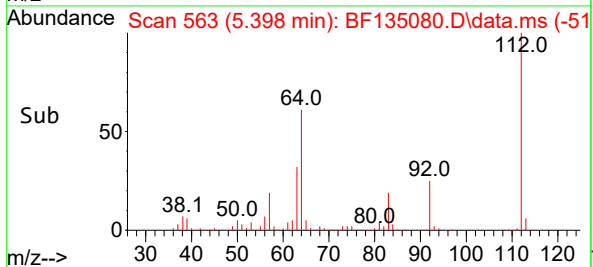
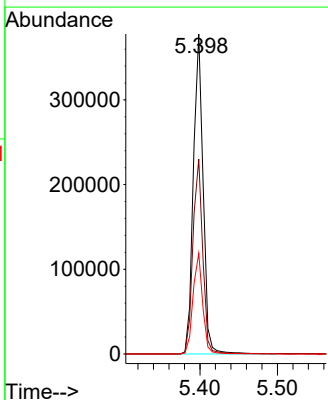
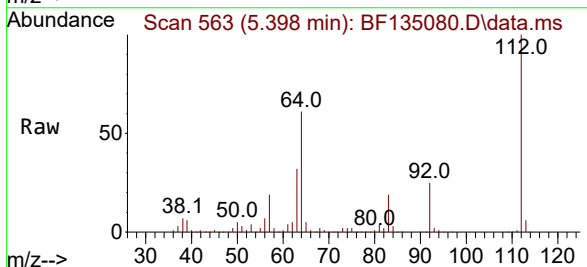
Instrument :
BNA_F
ClientSampleId :
BIN-BLOCK

Tgt Ion:152 Resp: 85503
Ion Ratio Lower Upper
152 100
150 162.5 126.2 189.4
115 65.9 51.2 76.8



#5
2-Fluorophenol
Concen: 59.731 ng
RT: 5.398 min Scan# 563
Delta R.T. -0.000 min
Lab File: BF135080.D
Acq: 01 Sep 2023 17:10

Tgt Ion:112 Resp: 330645
Ion Ratio Lower Upper
112 100
64 60.9 50.5 75.7
63 31.5 25.9 38.9

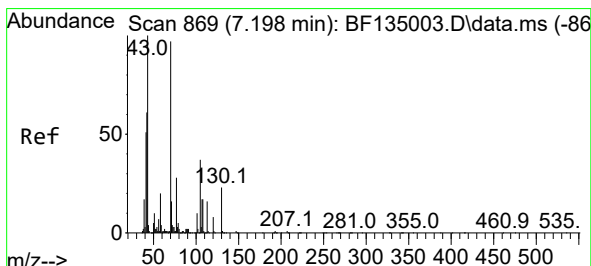
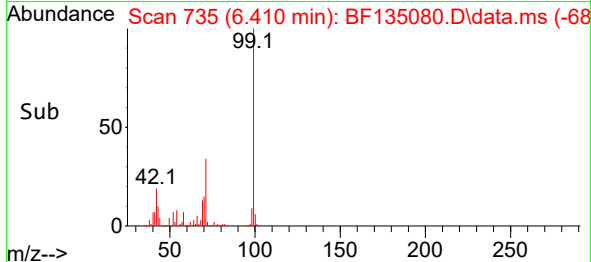
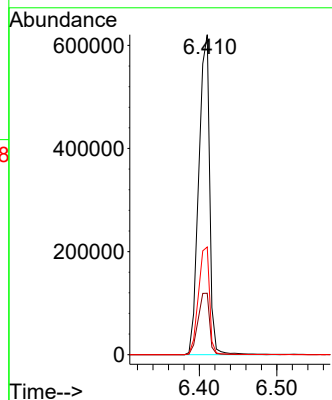
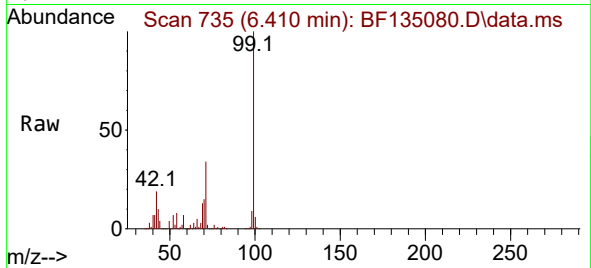




#7
Phenol-d6
Concen: 87.675 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135080.D
Acq: 01 Sep 2023 17:10

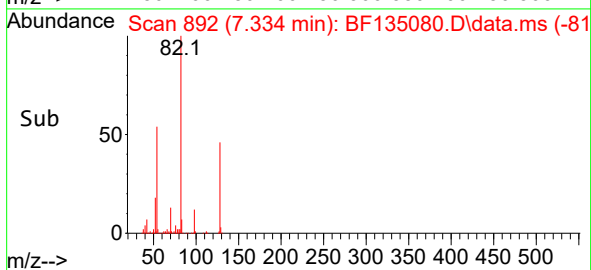
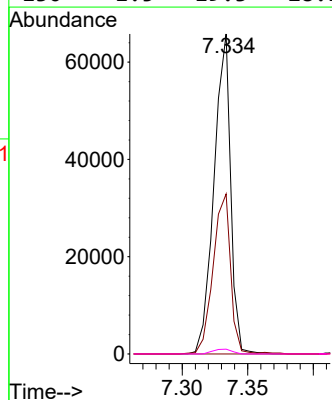
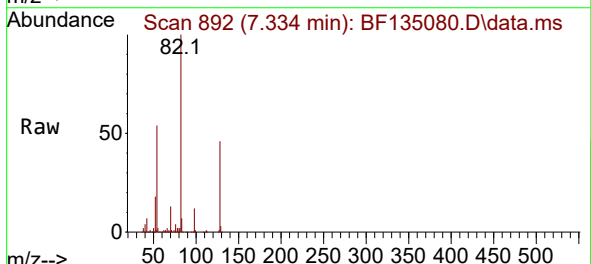
Instrument :
BNA_F
ClientSampleId :
BIN-BLOCK

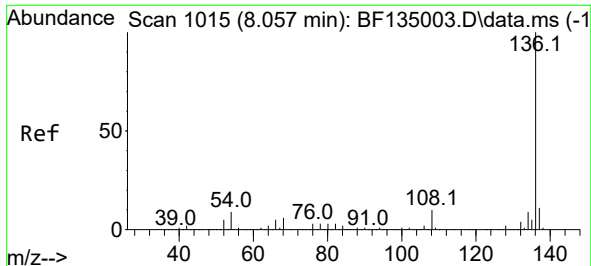
Tgt Ion: 99 Resp: 604934
Ion Ratio Lower Upper
99 100
42 19.2 16.6 25.0
71 33.7 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.136 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135080.D
Acq: 01 Sep 2023 17:10

Tgt Ion: 70 Resp: 57935
Ion Ratio Lower Upper
70 100
42 50.0 50.2 75.4#
101 0.0 8.1 12.1#
130 1.5 19.3 28.9#

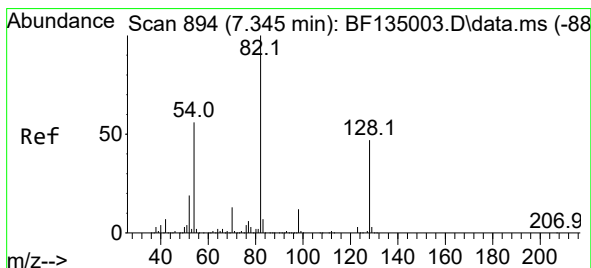
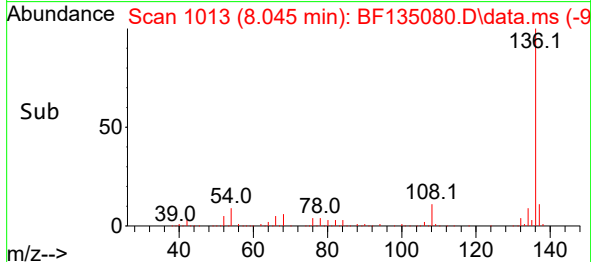
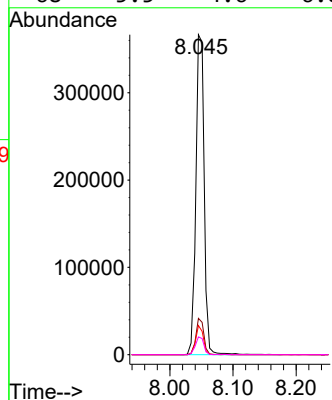
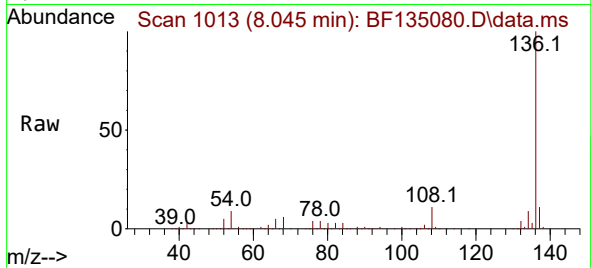




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF135080.D
Acq: 01 Sep 2023 17:10

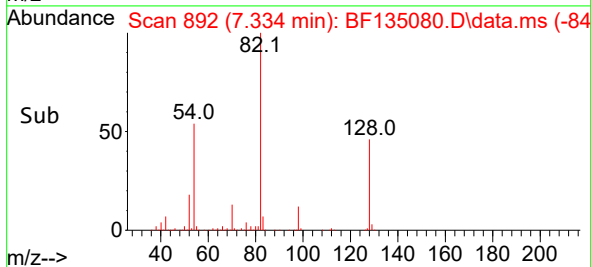
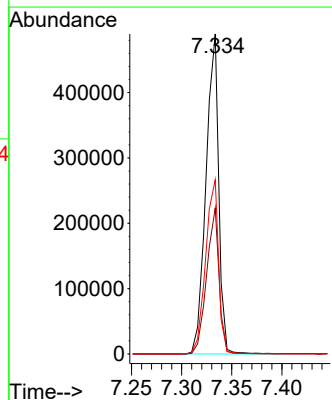
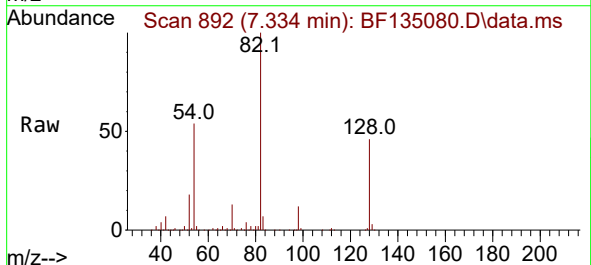
Instrument :
BNA_F
ClientSampleId :
BIN-BLOCK

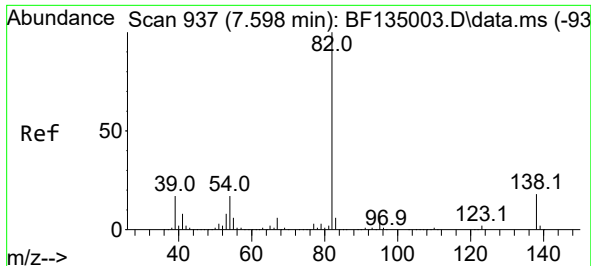
Tgt Ion:136 Resp: 335459
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 9.1 7.0 10.4
68 5.5 4.6 6.8



#23
Nitrobenzene-d5
Concen: 72.685 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135080.D
Acq: 01 Sep 2023 17:10

Tgt Ion: 82 Resp: 434005
Ion Ratio Lower Upper
82 100
128 45.6 37.8 56.8
54 54.4 45.0 67.6

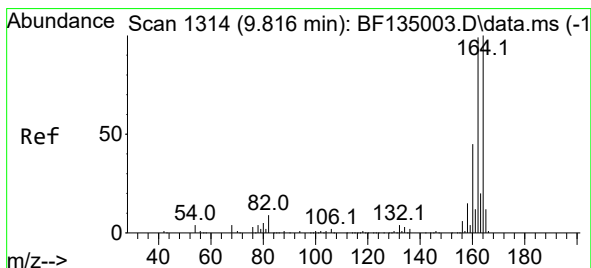
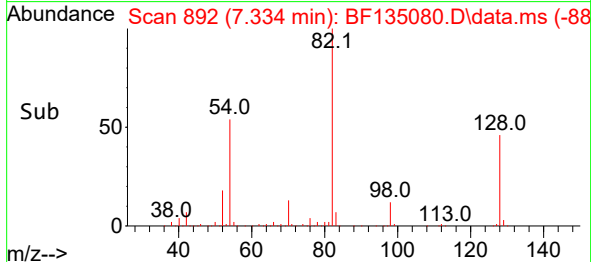
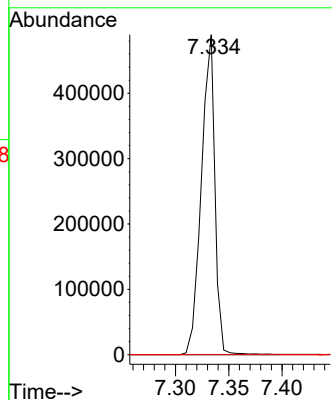
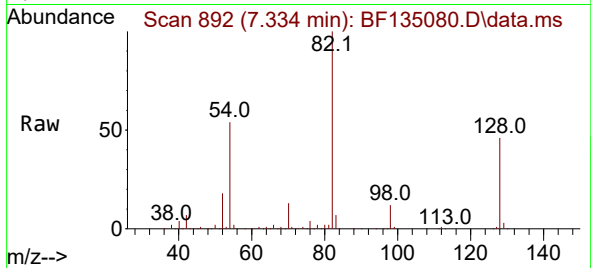




#25
Isophorone
Concen: 38.342 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF135080.D
Acq: 01 Sep 2023 17:10

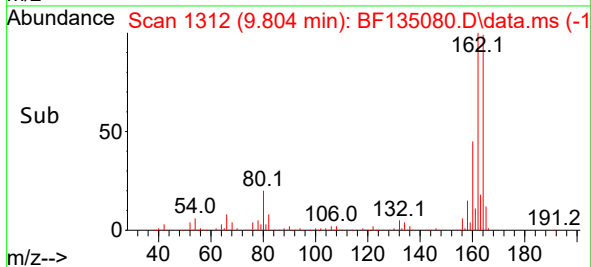
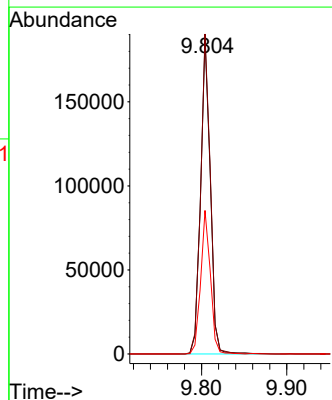
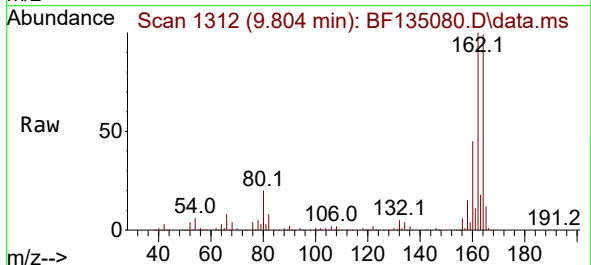
Instrument :
BNA_F
ClientSampleId :
BIN-BLOCK

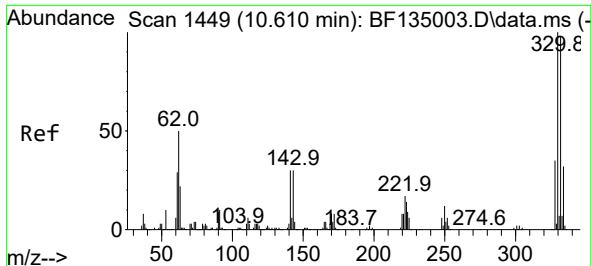
Tgt Ion: 82 Resp: 434073
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF135080.D
Acq: 01 Sep 2023 17:10

Tgt Ion:164 Resp: 148685
Ion Ratio Lower Upper
164 100
162 101.3 79.5 119.3
160 45.5 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 24.711 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF135080.D

Acq: 01 Sep 2023 17:10

Instrument :

BNA_F

ClientSampleId :

BIN-BLOCK

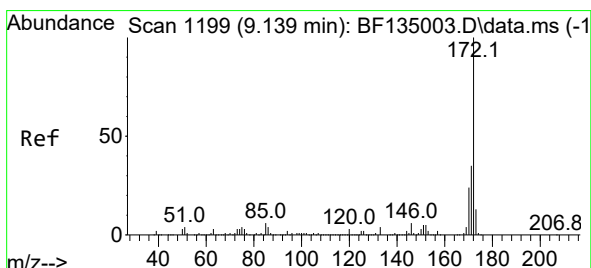
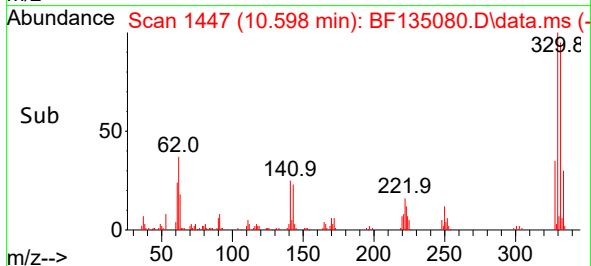
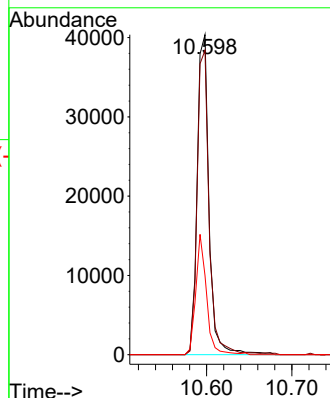
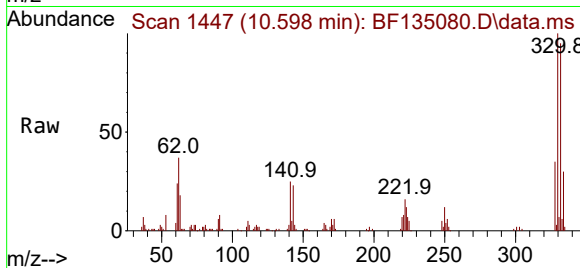
Tgt Ion:330 Resp: 38975

Ion Ratio Lower Upper

330 100

332 95.9 77.6 116.4

141 34.1 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 79.841 ng

RT: 9.128 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF135080.D

Acq: 01 Sep 2023 17:10

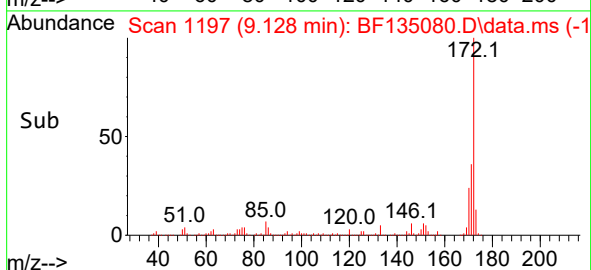
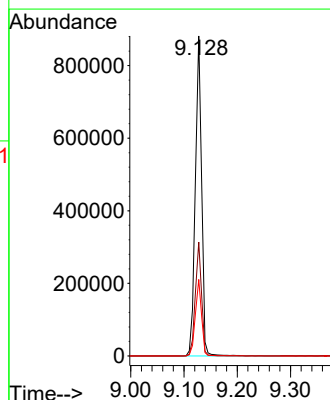
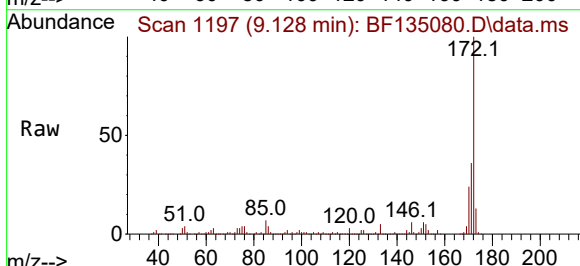
Tgt Ion:172 Resp: 729135

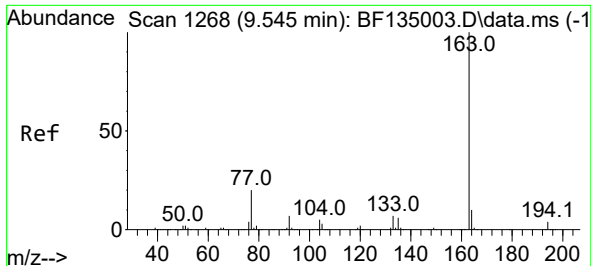
Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.9 19.0 28.4

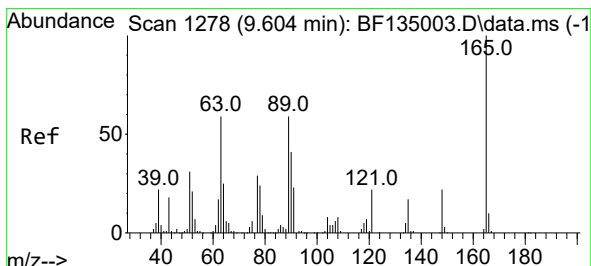
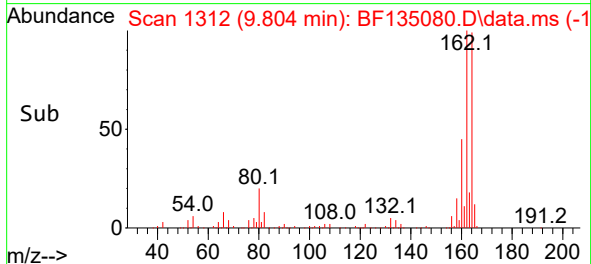
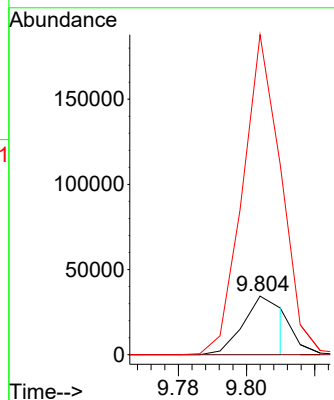
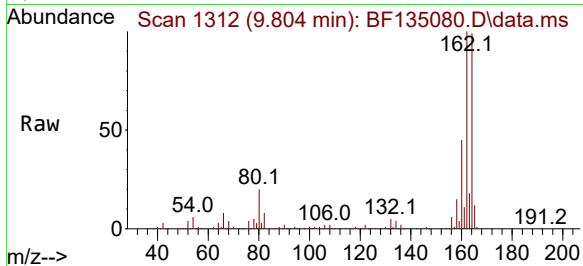




#50
Dimethylphthalate
Concen: 2.675 ng
RT: 9.804 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF135080.D
Acq: 01 Sep 2023 17:10

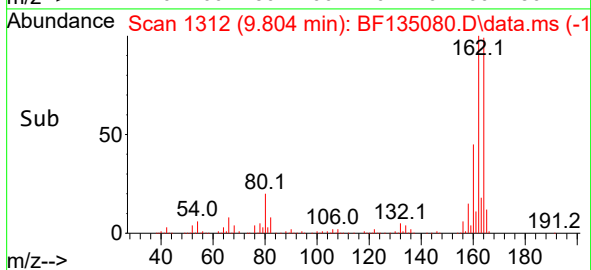
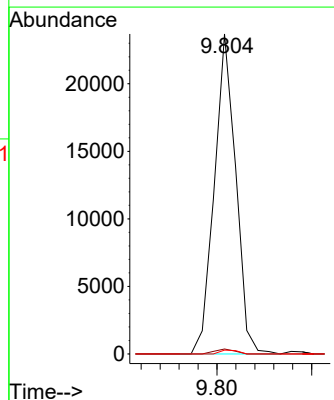
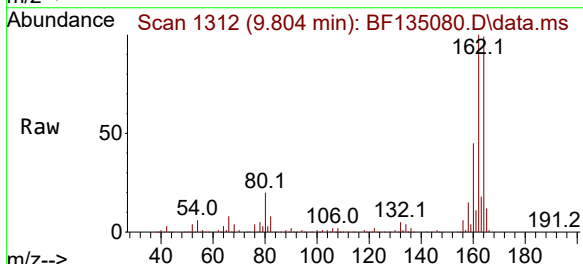
Instrument :
BNA_F
ClientSampleId :
BIN-BLOCK

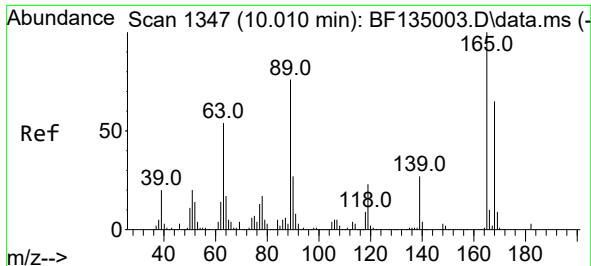
Tgt Ion:163 Resp: 27850
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 546.6 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.166 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.200 min
Lab File: BF135080.D
Acq: 01 Sep 2023 17:10

Tgt Ion:165 Resp: 18654
Ion Ratio Lower Upper
165 100
63 1.5 50.4 75.6#
89 1.2 47.1 70.7#

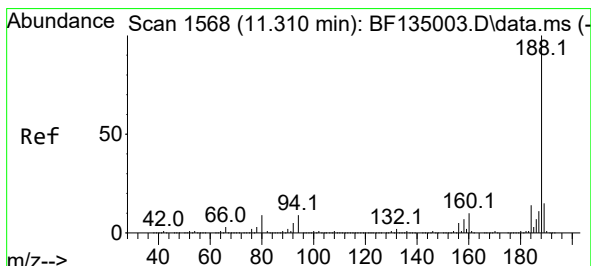
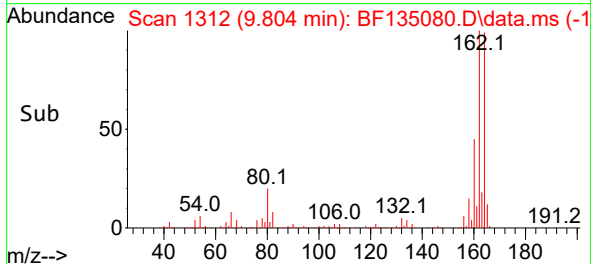
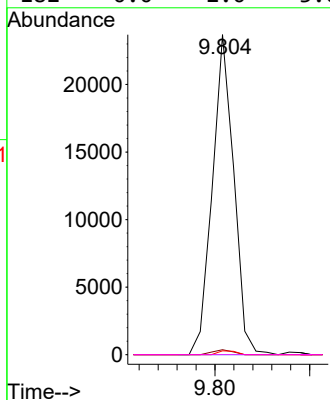
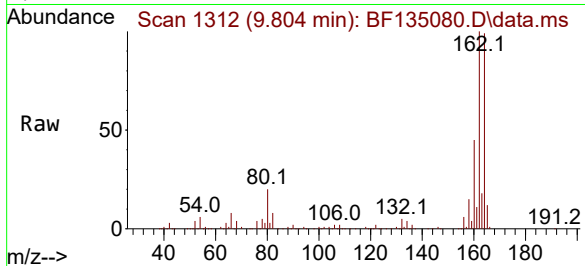




#57
2,4-Dinitrotoluene
Concen: 6.552 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF135080.D
Acq: 01 Sep 2023 17:10

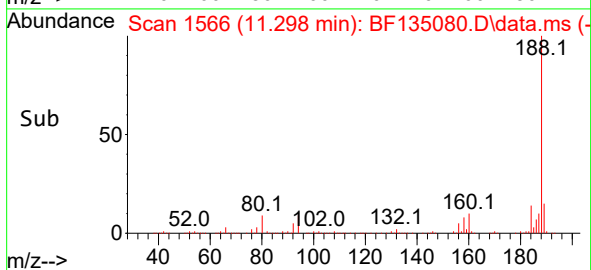
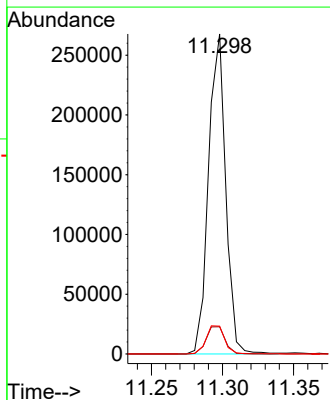
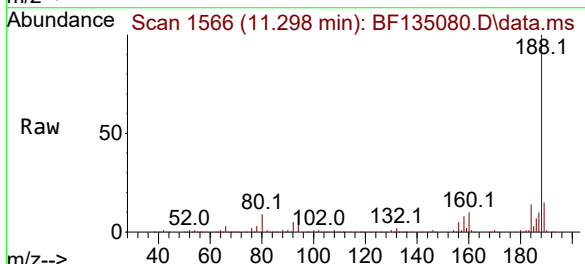
Instrument :
BNA_F
ClientSampleId :
BIN-BLOCK

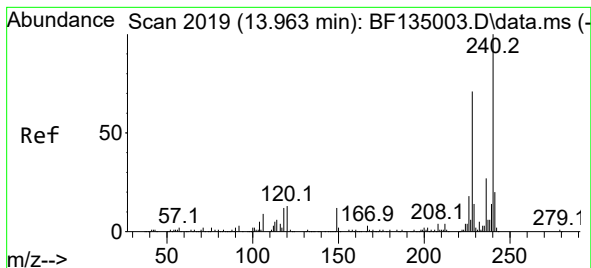
Tgt Ion:165 Resp: 18654
Ion Ratio Lower Upper
165 100
63 1.5 43.2 64.8#
89 1.2 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135080.D
Acq: 01 Sep 2023 17:10

Tgt Ion:188 Resp: 224984
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.4
80 8.7 7.4 11.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF135080.D

Acq: 01 Sep 2023 17:10

Instrument :

BNA_F

ClientSampleId :

BIN-BLOCK

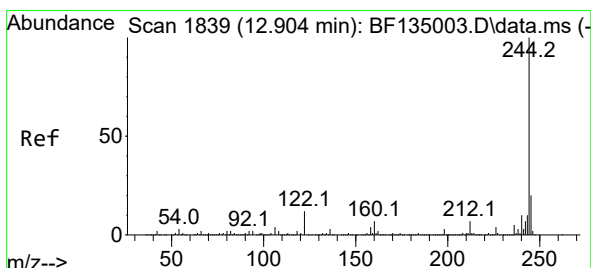
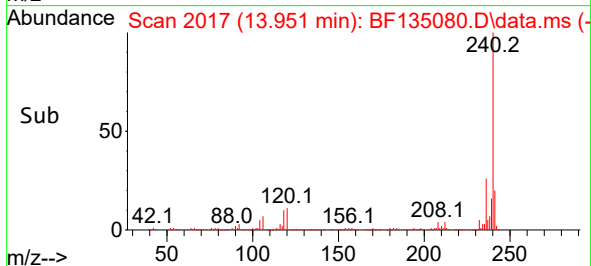
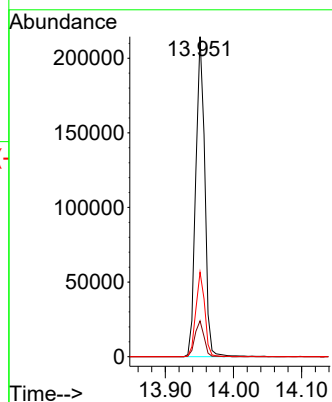
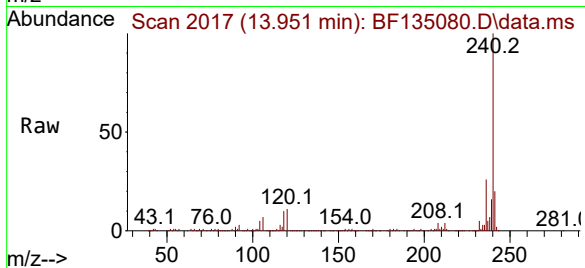
Tgt Ion:240 Resp: 195738

Ion Ratio Lower Upper

240 100

120 11.2 10.2 15.2

236 26.4 21.3 31.9



#79

Terphenyl-d14

Concen: 53.297 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF135080.D

Acq: 01 Sep 2023 17:10

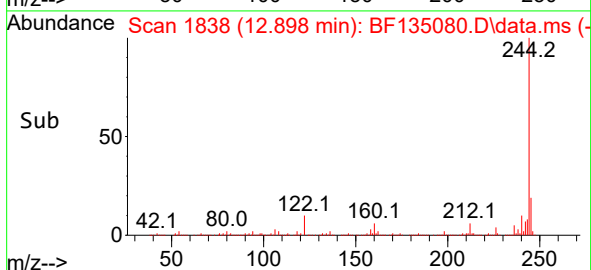
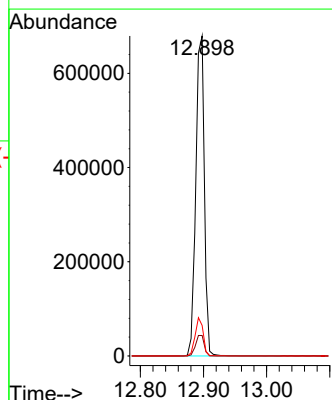
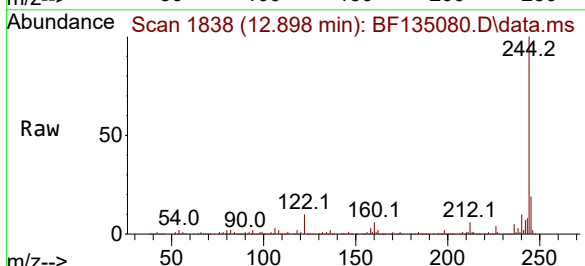
Tgt Ion:244 Resp: 639270

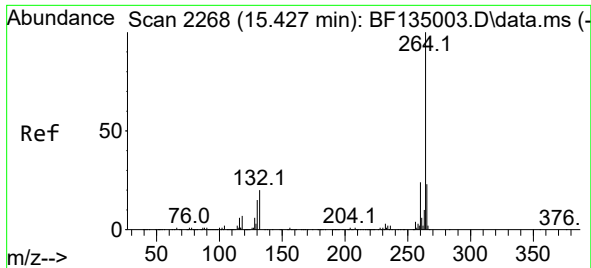
Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

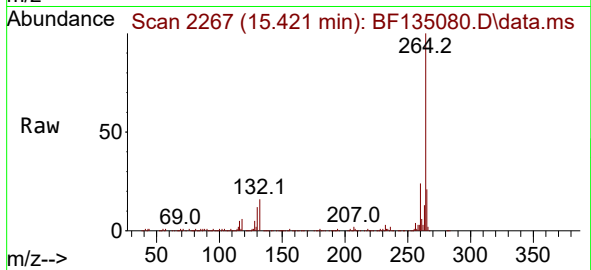
122 9.6 9.8 14.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF135080.D
Acq: 01 Sep 2023 17:10

Instrument :
BNA_F
ClientSampleId :
BIN-BLOCK



Tgt Ion:264 Resp: 208905
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 21.0 18.2 27.2

