

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
 Data File : BF135278.D
 Acq On : 15 Sep 2023 14:33
 Operator : CG\JU
 Sample : PB155570BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155570BL

Quant Time: Sep 15 15:04:03 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 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	129198	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	507477	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	267323	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	523555	20.000	ng	0.00
76) Chrysene-d12	13.939	240	222220	20.000	ng	0.00
86) Perylene-d12	15.410	264	229087	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	857118	107.901	ng	0.01
7) Phenol-d6	6.404	99	1135542	112.422	ng	0.00
23) Nitrobenzene-d5	7.322	82	731819	78.347	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	310205	116.770	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1337186	75.468	ng	-0.01
79) Terphenyl-d14	12.886	244	1304735	91.017	ng	0.00

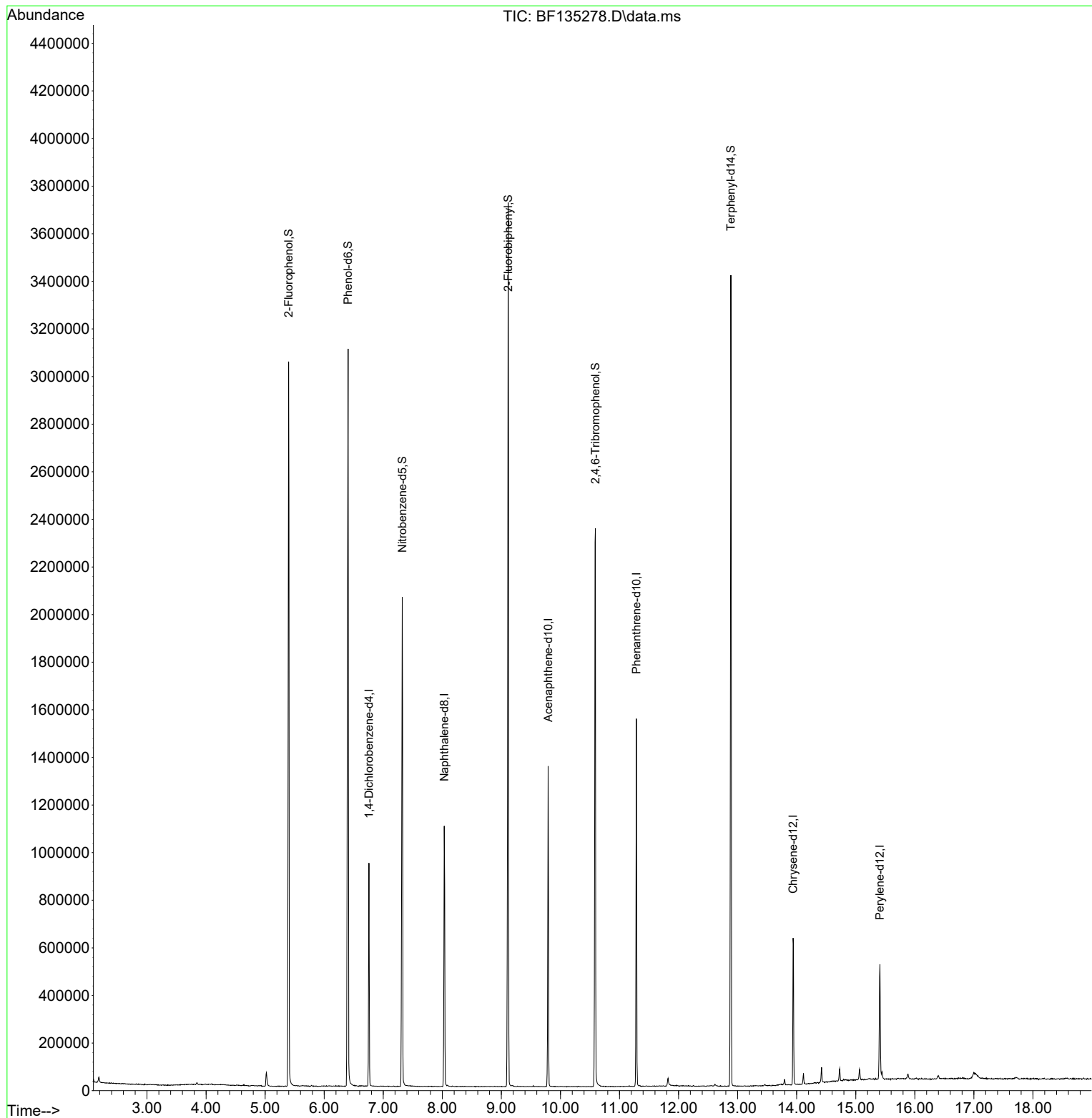
Target Compounds	Qvalue

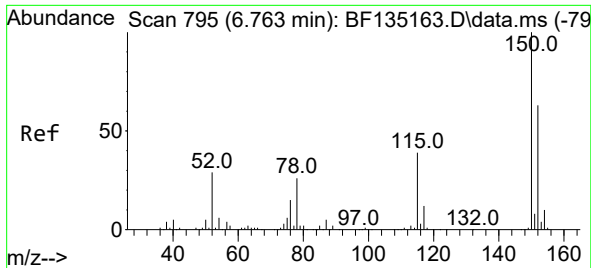
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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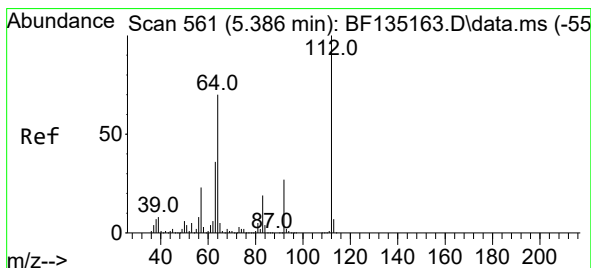
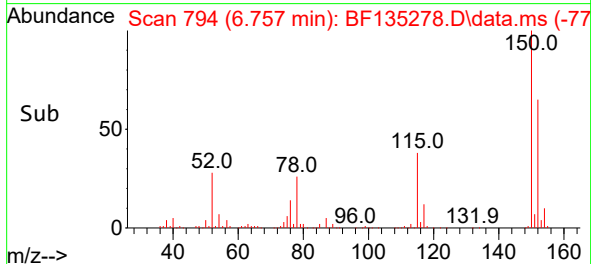
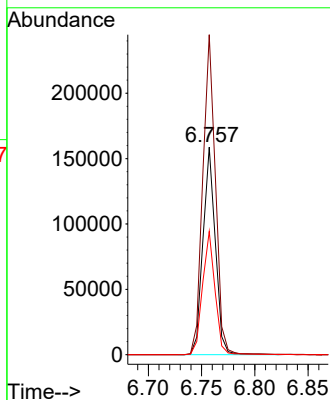
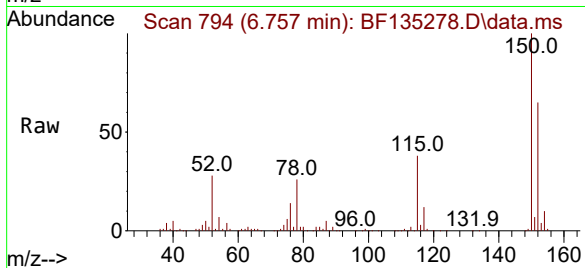




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF135278.D
 Acq: 15 Sep 2023 14:33

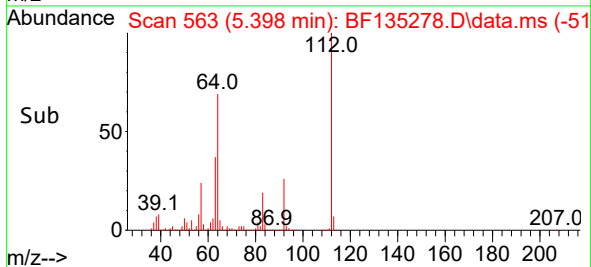
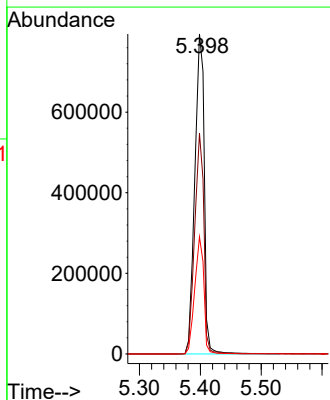
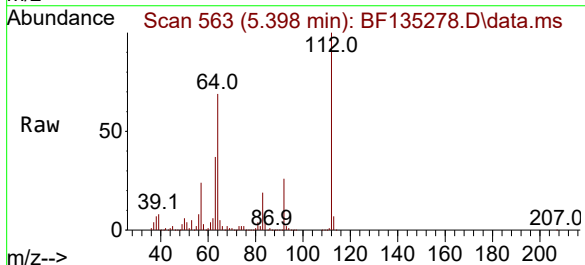
Instrument :
 BNA_F
 ClientSampleId :
 PB155570BL

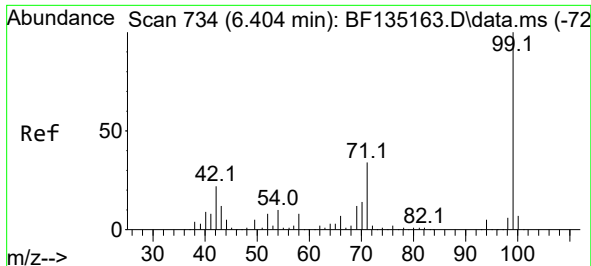
Tgt Ion:152 Resp: 129198
 Ion Ratio Lower Upper
 152 100
 150 154.2 127.8 191.6
 115 59.3 49.8 74.8



#5
 2-Fluorophenol
 Concen: 107.901 ng
 RT: 5.398 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: BF135278.D
 Acq: 15 Sep 2023 14:33

Tgt Ion:112 Resp: 857118
 Ion Ratio Lower Upper
 112 100
 64 69.0 55.9 83.9
 63 36.6 29.0 43.6

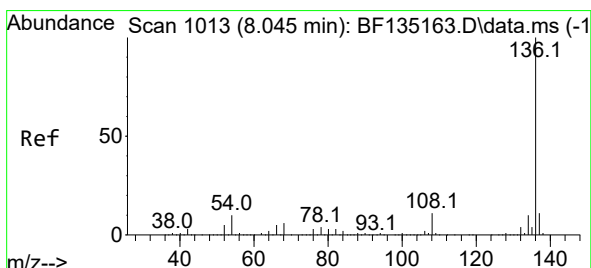
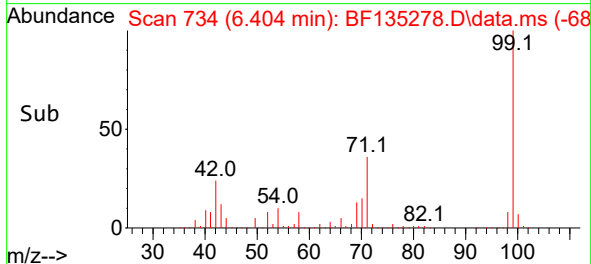
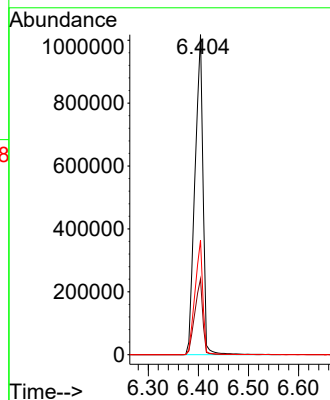
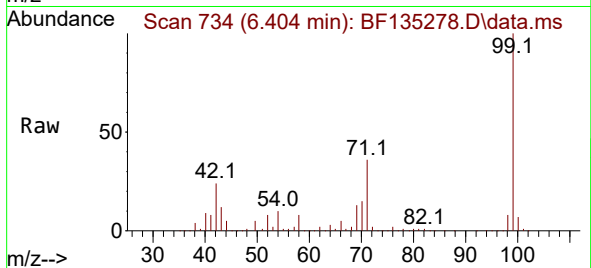




#7
Phenol-d6
Concen: 112.422 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135278.D
Acq: 15 Sep 2023 14:33

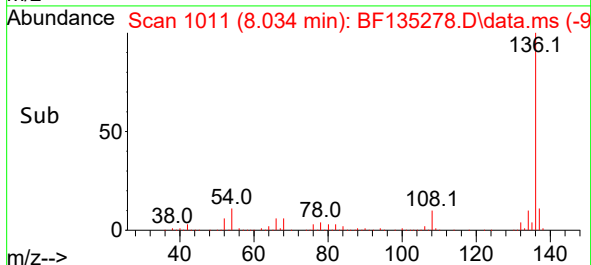
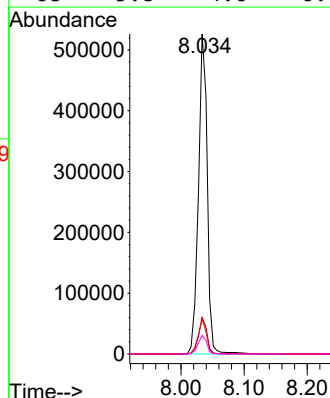
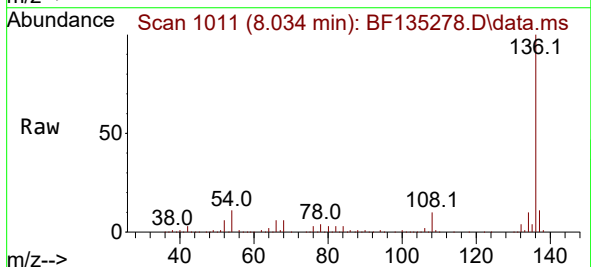
Instrument :
BNA_F
ClientSampleId :
PB155570BL

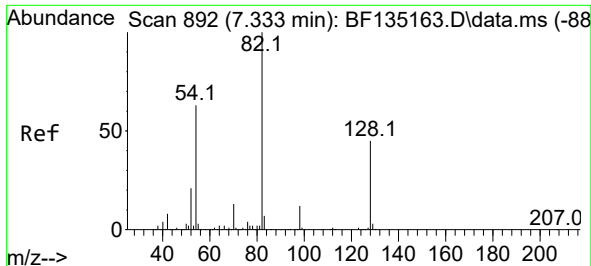
Tgt Ion: 99 Resp: 1135542
Ion Ratio Lower Upper
99 100
42 23.6 17.9 26.9
71 35.8 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135278.D
Acq: 15 Sep 2023 14:33

Tgt Ion: 136 Resp: 507477
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 11.0 7.7 11.5
68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 78.347 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135278.D

Acq: 15 Sep 2023 14:33

Instrument :

BNA_F

ClientSampleId :

PB155570BL

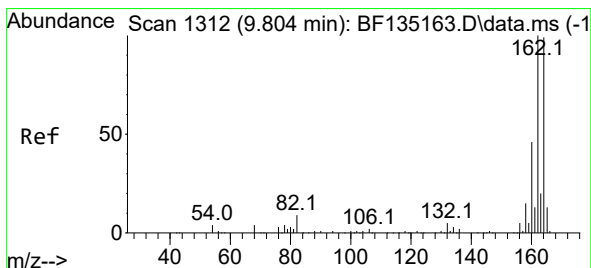
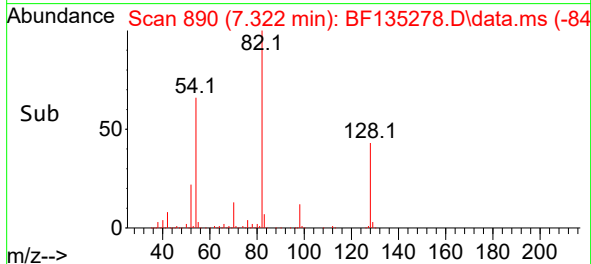
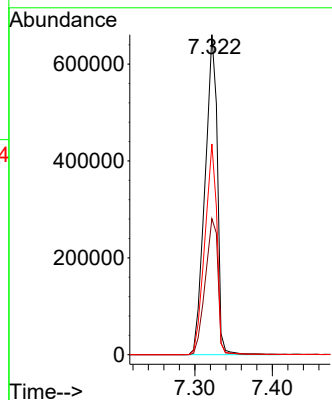
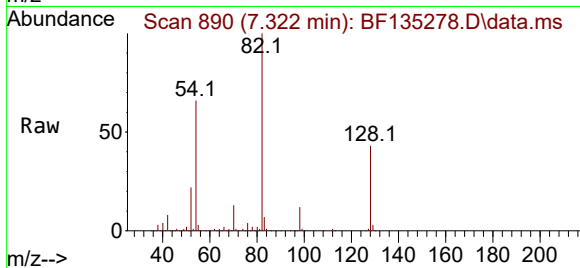
Tgt Ion: 82 Resp: 731819

Ion Ratio Lower Upper

82 100

128 42.5 35.8 53.6

54 65.8 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.012 min

Lab File: BF135278.D

Acq: 15 Sep 2023 14:33

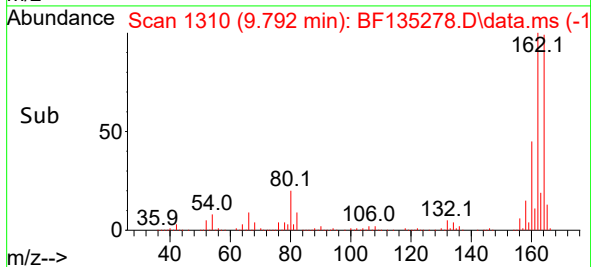
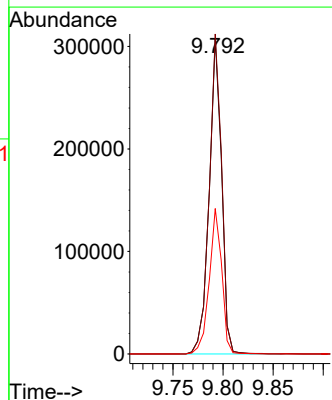
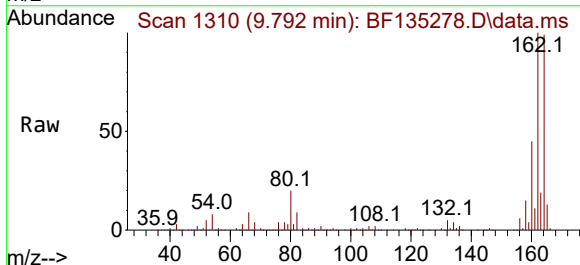
Tgt Ion: 164 Resp: 267323

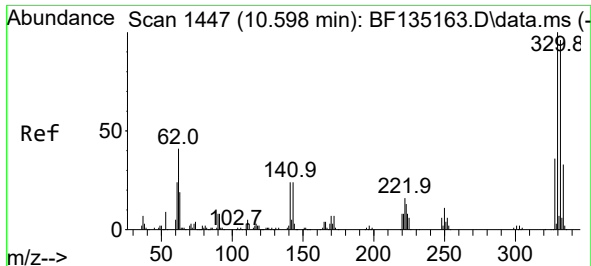
Ion Ratio Lower Upper

164 100

162 101.4 81.0 121.4

160 46.1 37.0 55.4

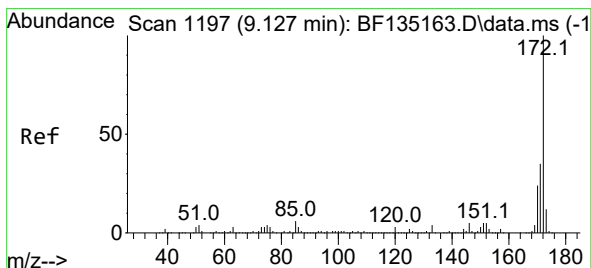
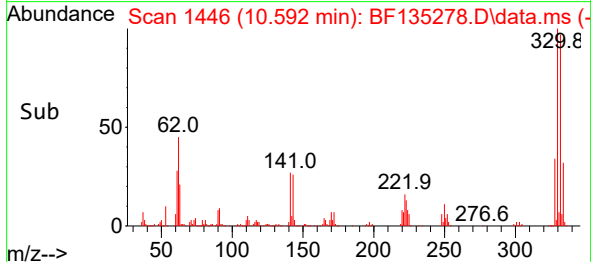
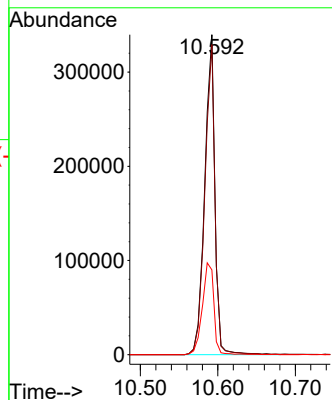
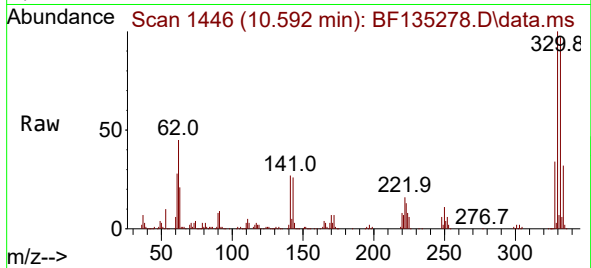




#42
2,4,6-Tribromophenol
Concen: 116.770 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135278.D
Acq: 15 Sep 2023 14:33

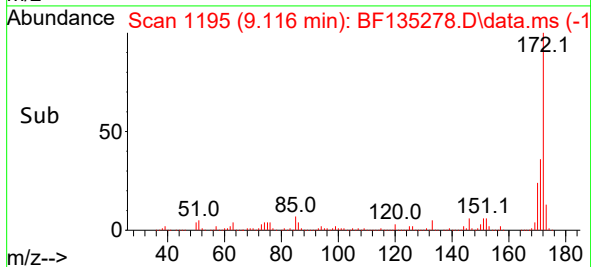
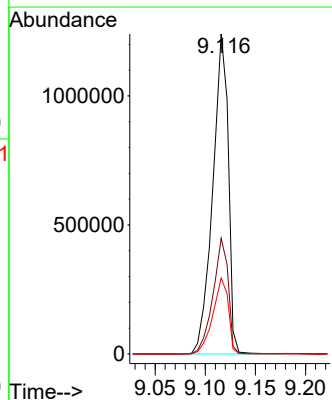
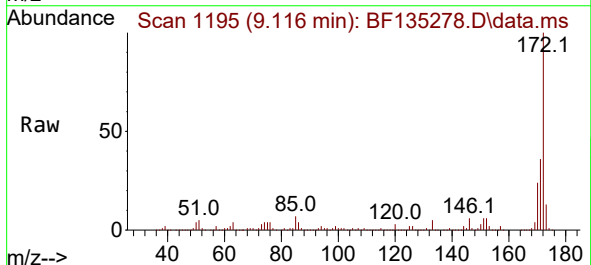
Instrument :
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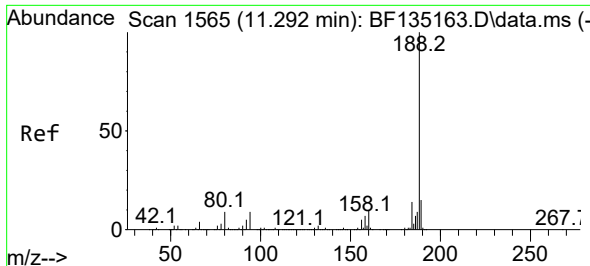
Tgt Ion:330 Resp: 310205
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 32.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 75.468 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135278.D
Acq: 15 Sep 2023 14:33

Tgt Ion:172 Resp: 1337186
Ion Ratio Lower Upper
172 100
171 36.1 28.4 42.6
170 23.8 19.0 28.4

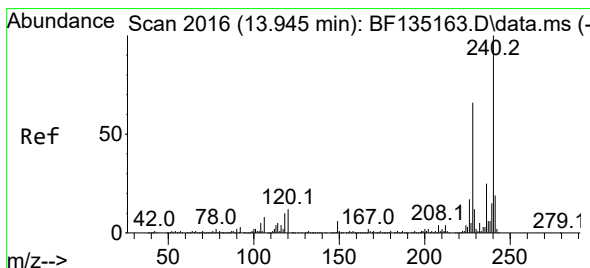
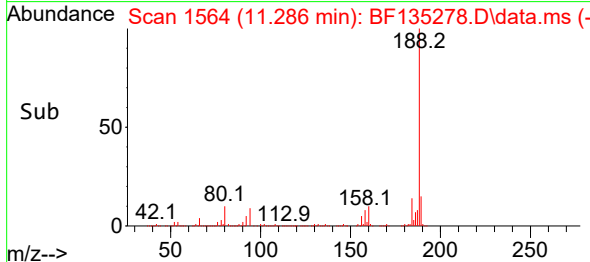
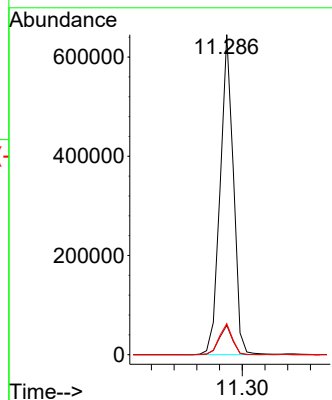
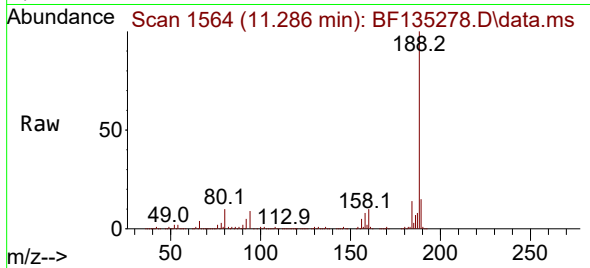




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135278.D
Acq: 15 Sep 2023 14:33

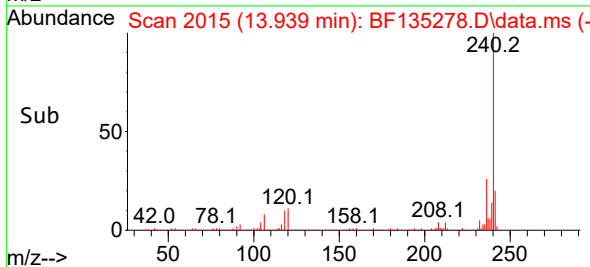
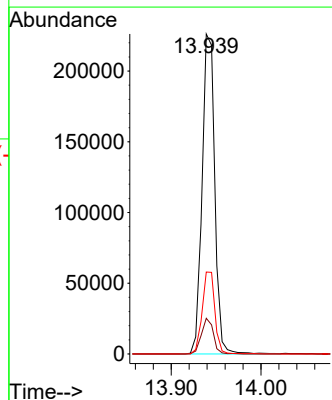
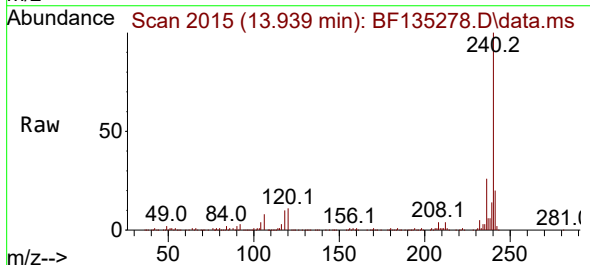
Instrument :
BNA_F
ClientSampleId :
PB155570BL

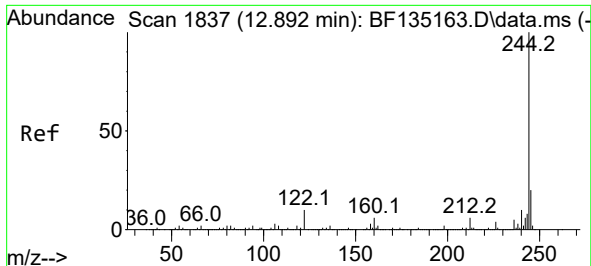
Tgt Ion:188 Resp: 523555
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.7 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135278.D
Acq: 15 Sep 2023 14:33

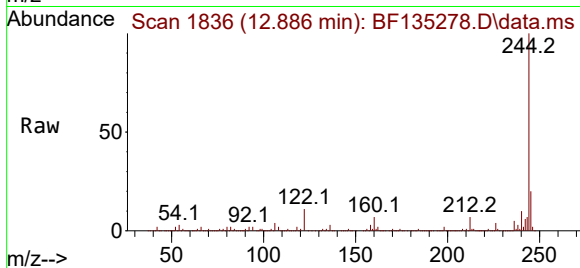
Tgt Ion:240 Resp: 222220
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 25.6 19.8 29.8



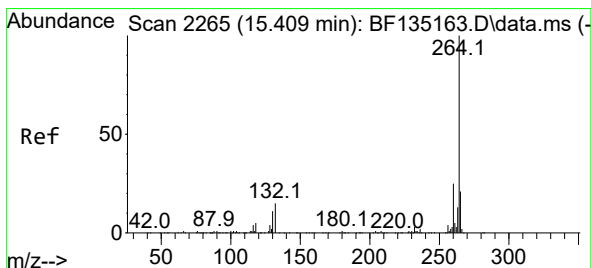
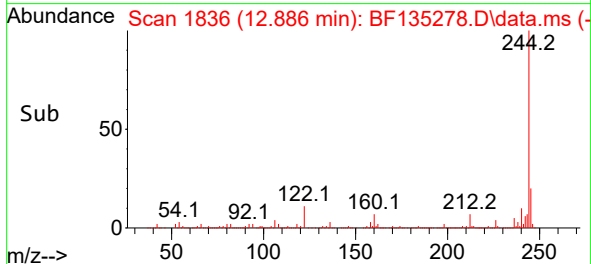
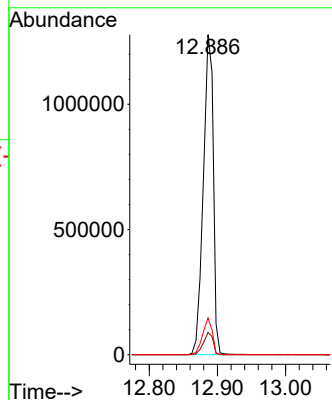


#79
 Terphenyl-d14
 Concen: 91.017 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135278.D
 Acq: 15 Sep 2023 14:33

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1304735
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 11.5 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF135278.D
 Acq: 15 Sep 2023 14:33

Tgt Ion:264 Resp: 229087
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.8 29.6
 265 21.9 17.0 25.4

