

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135309.D
 Acq On : 18 Sep 2023 16:33
 Operator : CG\JU
 Sample : 04391-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-26-WEST-MAIN-STREET

Quant Time: Sep 18 17:42:19 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	115455	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	446021	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	222675	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	415768	20.000	ng	0.00
76) Chrysene-d12	13.939	240	196679	20.000	ng	0.00
86) Perylene-d12	15.404	264	241572	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	480417	67.678	ng	0.00
7) Phenol-d6	6.398	99	390323	43.243	ng	0.00
23) Nitrobenzene-d5	7.322	82	741304	90.298	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	272816	123.287	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1253513	84.931	ng	-0.01
79) Terphenyl-d14	12.886	244	1098365	86.571	ng	0.00

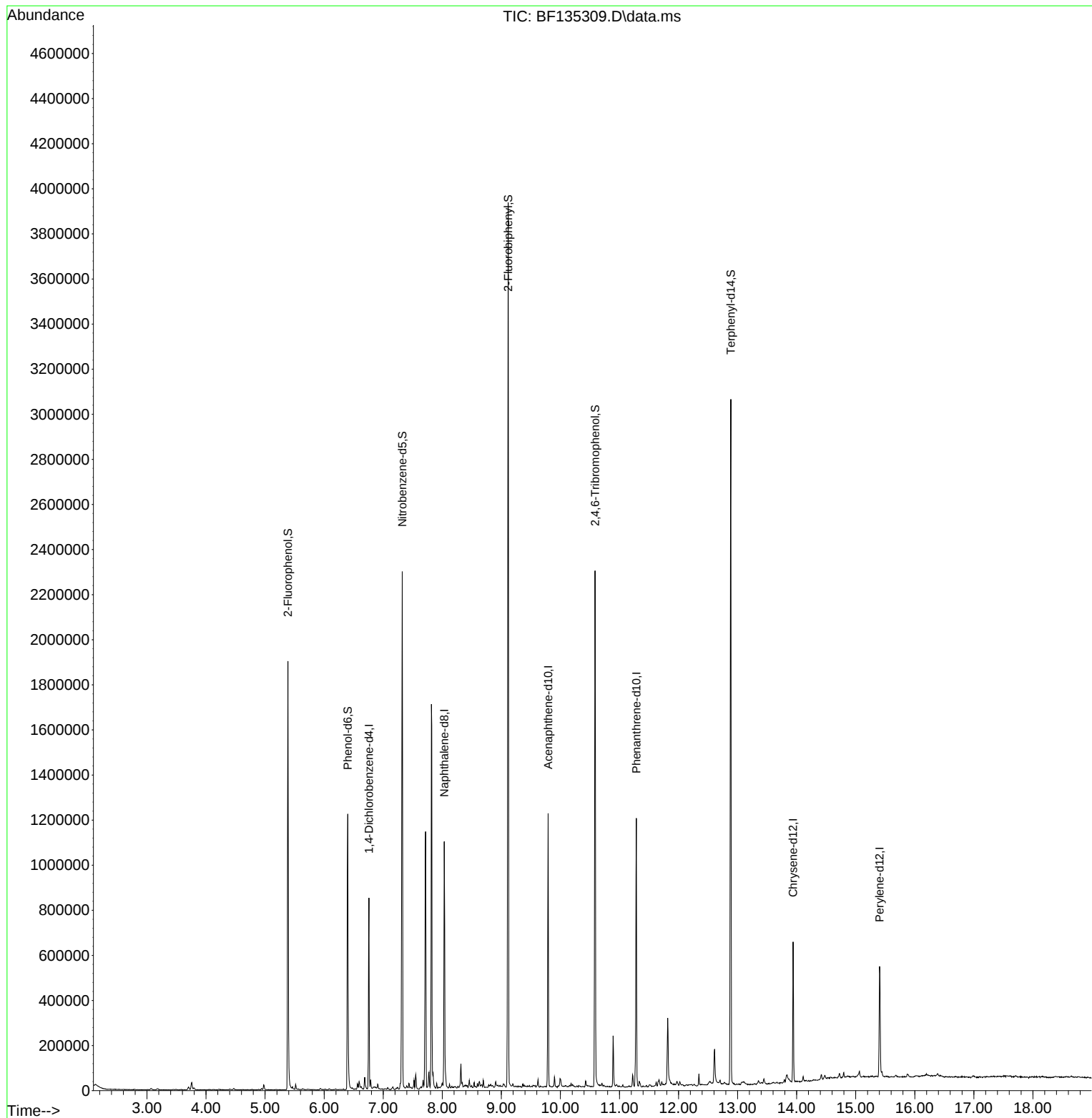
Target Compounds	Qvalue

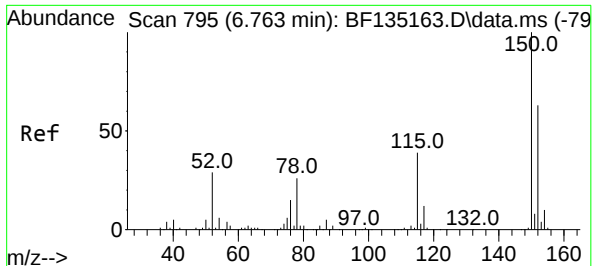
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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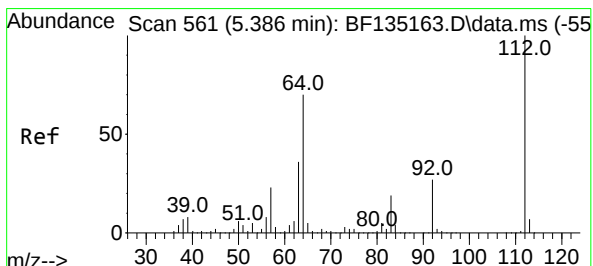
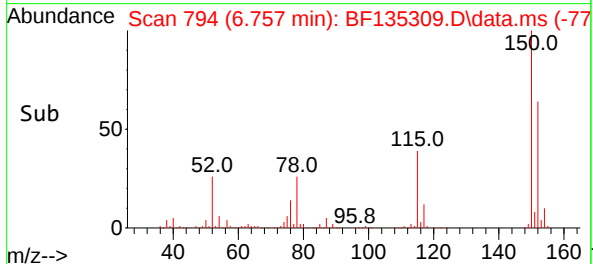
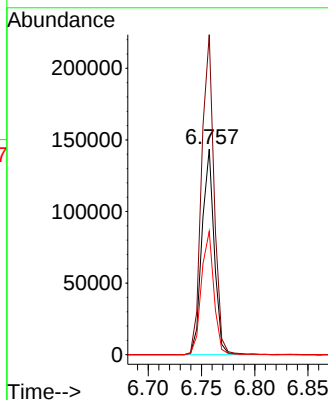
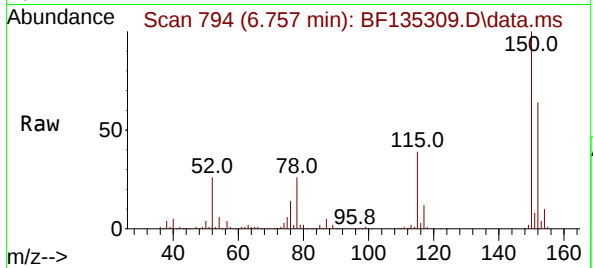




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135309.D
Acq: 18 Sep 2023 16:33

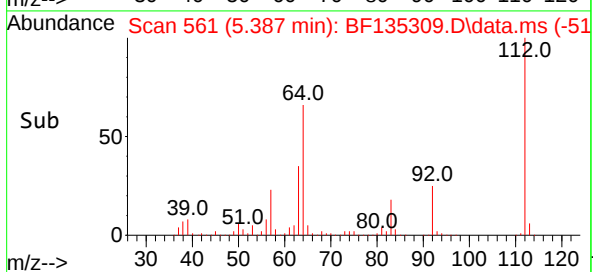
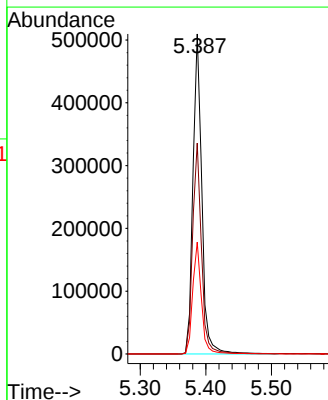
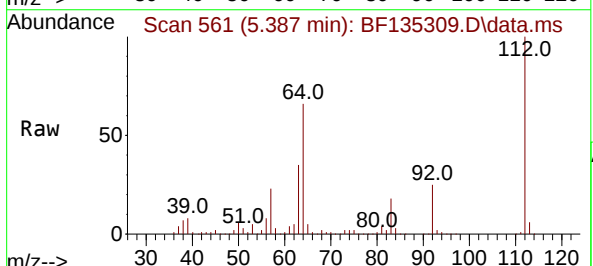
Instrument :
BNA_F
ClientSampleId :
GW-26-WEST-MAIN-STREET

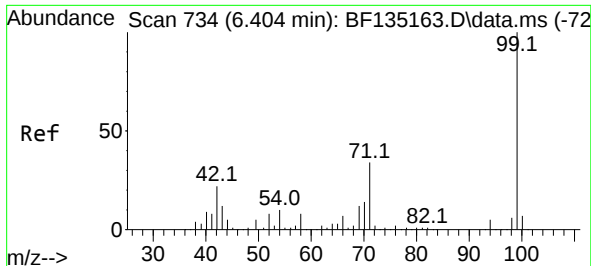
Tgt Ion:152 Resp: 115455
Ion Ratio Lower Upper
152 100
150 155.7 127.8 191.6
115 60.0 49.8 74.8



#5
2-Fluorophenol
Concen: 67.678 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF135309.D
Acq: 18 Sep 2023 16:33

Tgt Ion:112 Resp: 480417
Ion Ratio Lower Upper
112 100
64 65.9 55.9 83.9
63 34.9 29.0 43.6

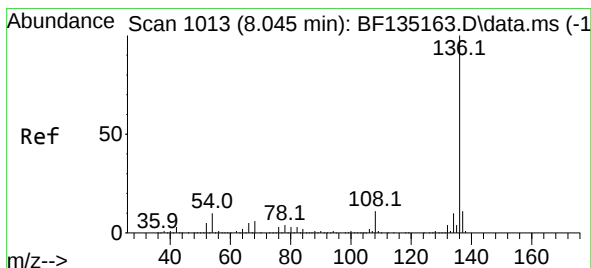
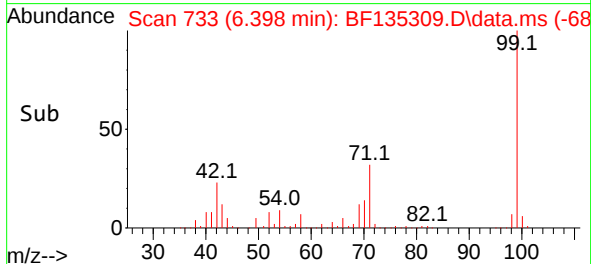
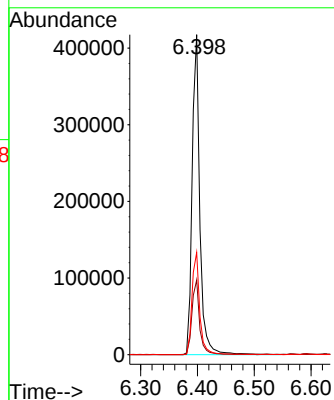
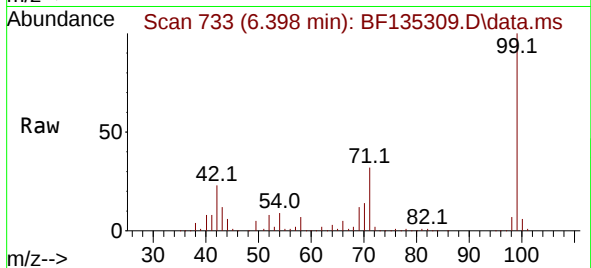




#7
Phenol-d6
Concen: 43.243 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135309.D
Acq: 18 Sep 2023 16:33

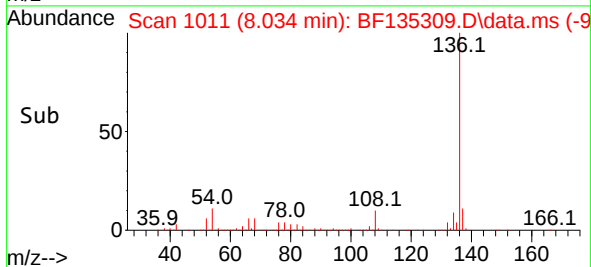
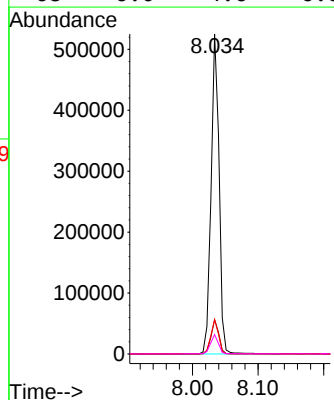
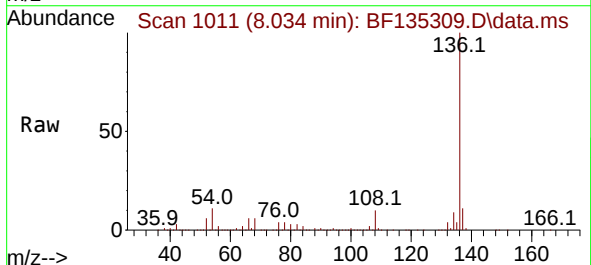
Instrument :
BNA_F
ClientSampleId :
GW-26-WEST-MAIN-STREET

Tgt Ion: 99 Resp: 390323
Ion Ratio Lower Upper
99 100
42 23.4 17.9 26.9
71 32.0 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.011 min
Lab File: BF135309.D
Acq: 18 Sep 2023 16:33

Tgt Ion: 136 Resp: 446021
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.8 7.7 11.5
68 6.0 4.6 6.8





#23

Nitrobenzene-d5

Concen: 90.298 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135309.D

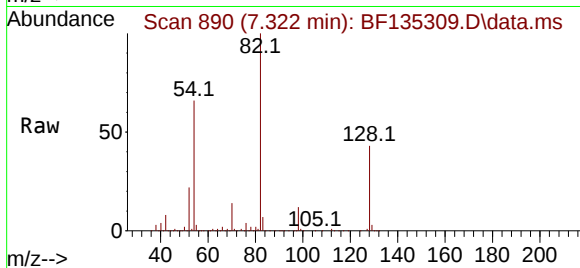
Acq: 18 Sep 2023 16:33

Instrument :

BNA_F

ClientSampleId :

GW-26-WEST-MAIN-STREET



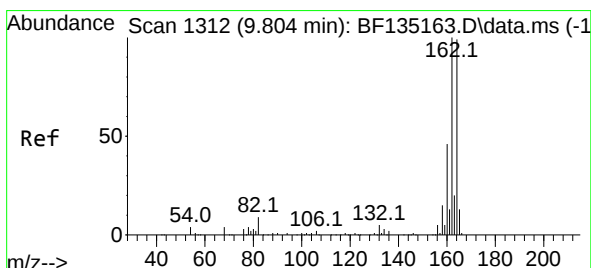
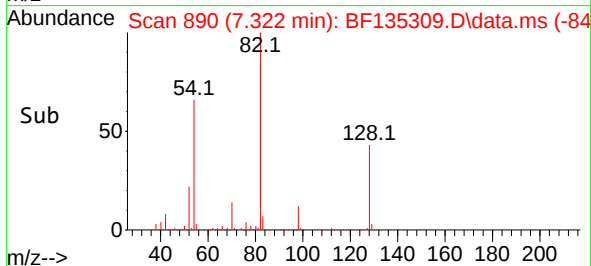
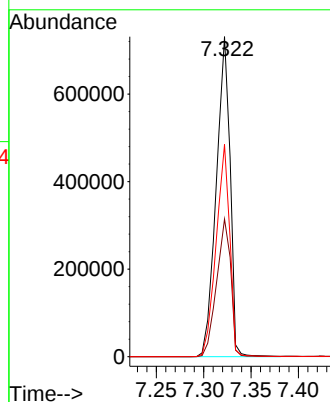
Tgt Ion: 82 Resp: 741304

Ion Ratio Lower Upper

82 100

128 43.0 35.8 53.6

54 66.3 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.011 min

Lab File: BF135309.D

Acq: 18 Sep 2023 16:33

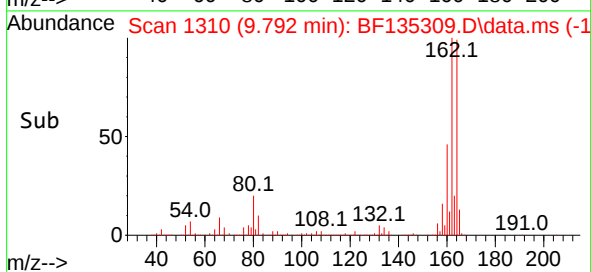
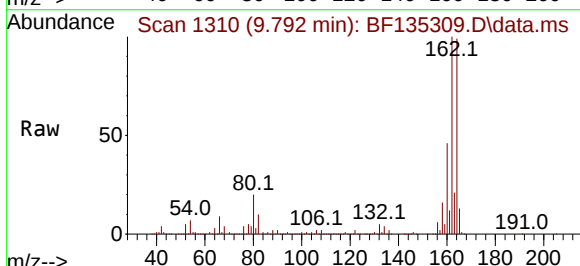
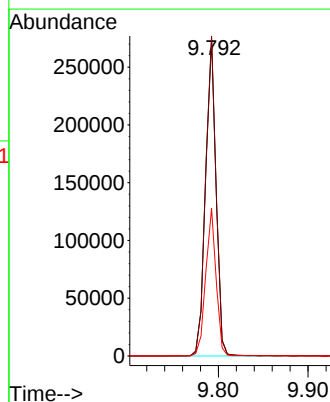
Tgt Ion: 164 Resp: 222675

Ion Ratio Lower Upper

164 100

162 100.8 81.0 121.4

160 46.5 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 123.287 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.011 min

Lab File: BF135309.D

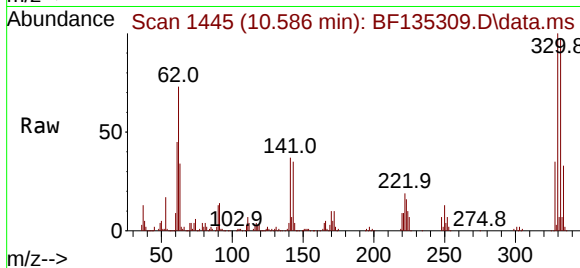
Acq: 18 Sep 2023 16:33

Instrument :

BNA_F

ClientSampleId :

GW-26-WEST-MAIN-STREET



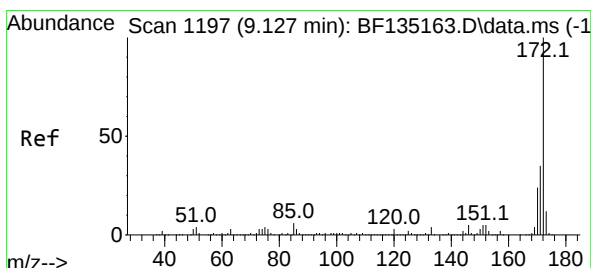
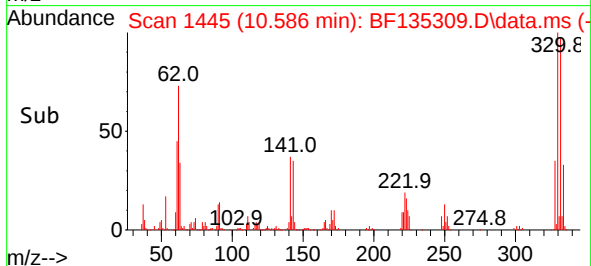
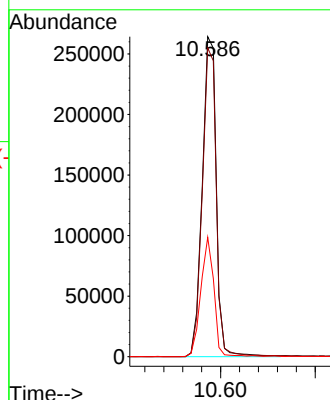
Tgt Ion:330 Resp: 272816

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

141 35.1 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 84.931 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135309.D

Acq: 18 Sep 2023 16:33

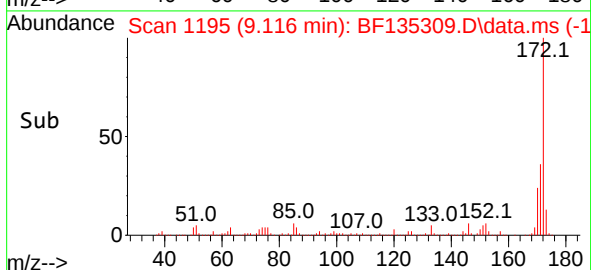
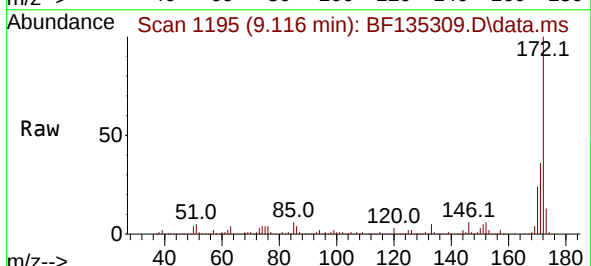
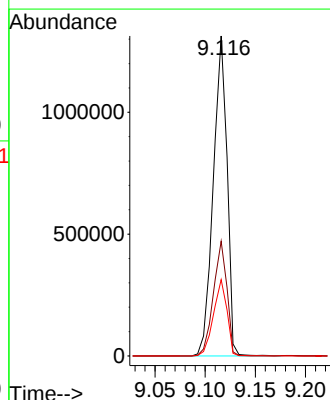
Tgt Ion:172 Resp: 1253513

Ion Ratio Lower Upper

172 100

171 35.9 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: BF135309.D

Acq: 18 Sep 2023 16:33

Instrument :

BNA_F

ClientSampleId :

GW-26-WEST-MAIN-STREET

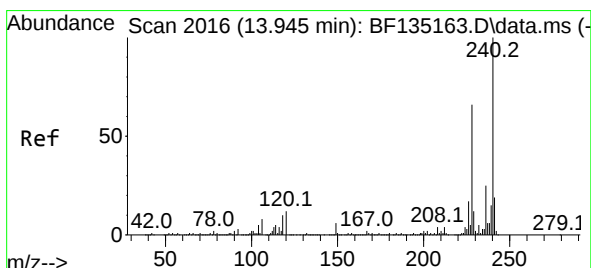
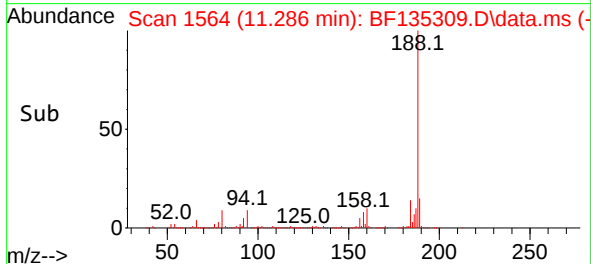
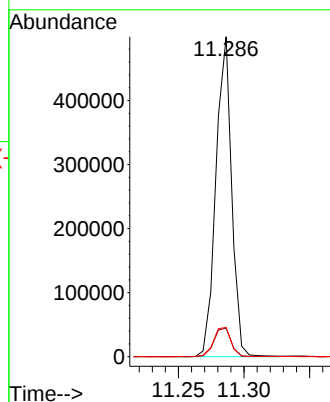
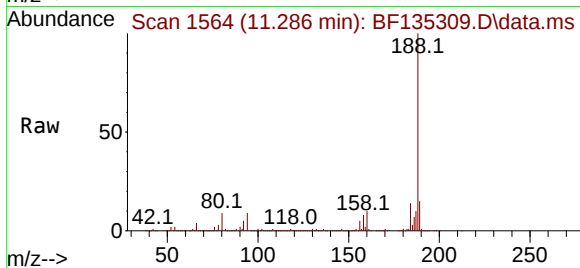
Tgt Ion:188 Resp: 415768

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

80 9.2 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: BF135309.D

Acq: 18 Sep 2023 16:33

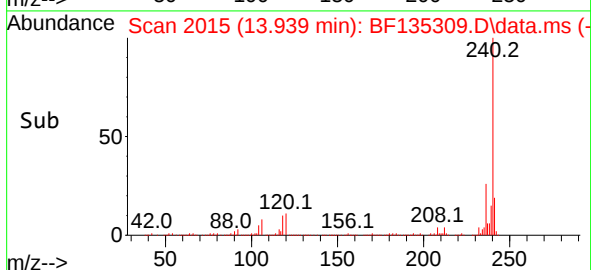
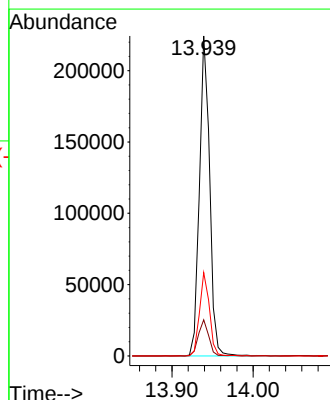
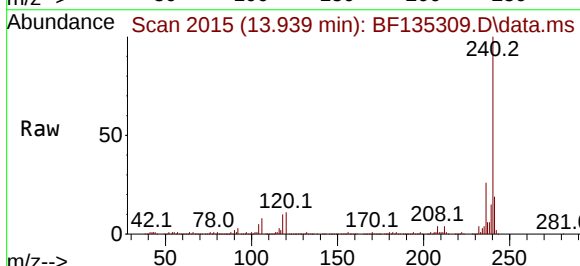
Tgt Ion:240 Resp: 196679

Ion Ratio Lower Upper

240 100

120 11.3 9.4 14.2

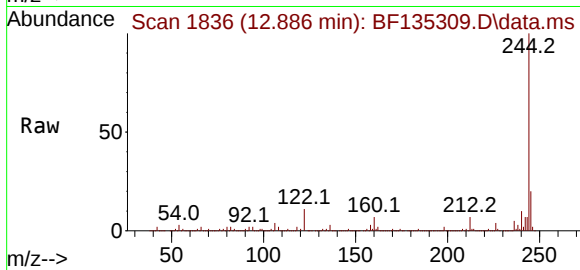
236 26.0 19.8 29.8





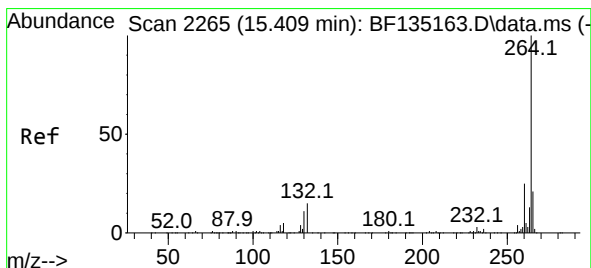
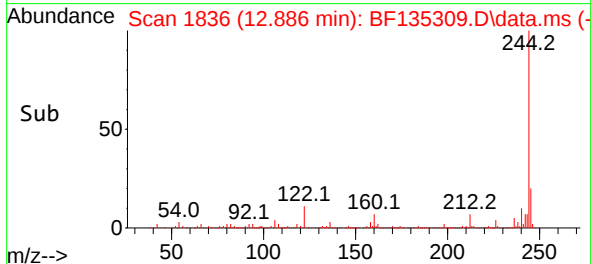
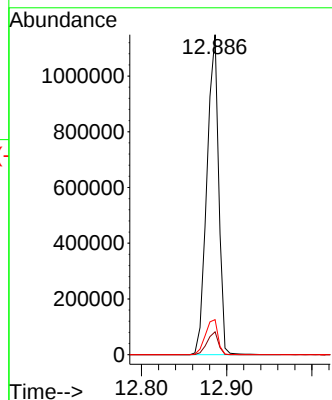
#79
 Terphenyl-d14
 Concen: 86.571 ng
 RT: 12.886 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135309.D
 Acq: 18 Sep 2023 16:33

Instrument :
 BNA_F
 ClientSampleId :
 GW-26-WEST-MAIN-STREET



Tgt Ion:244 Resp: 1098365

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.1	7.7
122	11.0	7.9	11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF135309.D
 Acq: 18 Sep 2023 16:33

Tgt Ion:264 Resp: 241572

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.8	29.6
265	21.7	17.0	25.4

