

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
 Data File : BF135077.D
 Acq On : 01 Sep 2023 15:35
 Operator : CG\JU
 Sample : 04203-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(12-12.5)

Quant Time: Sep 04 01:07:17 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	85195	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	343700	20.000	ng	-0.01
39) Acenaphthene-d10	9.804	164	161969	20.000	ng	-0.01
64) Phenanthrene-d10	11.298	188	262446	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	190844	20.000	ng	-0.01
86) Perylene-d12	15.421	264	199708	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	599806	108.747	ng	0.00
7) Phenol-d6	6.410	99	727261	105.786	ng	0.00
23) Nitrobenzene-d5	7.334	82	452479	73.962	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	180172	104.864	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	797531	80.168	ng	-0.01
79) Terphenyl-d14	12.898	244	752325	64.331	ng	0.00

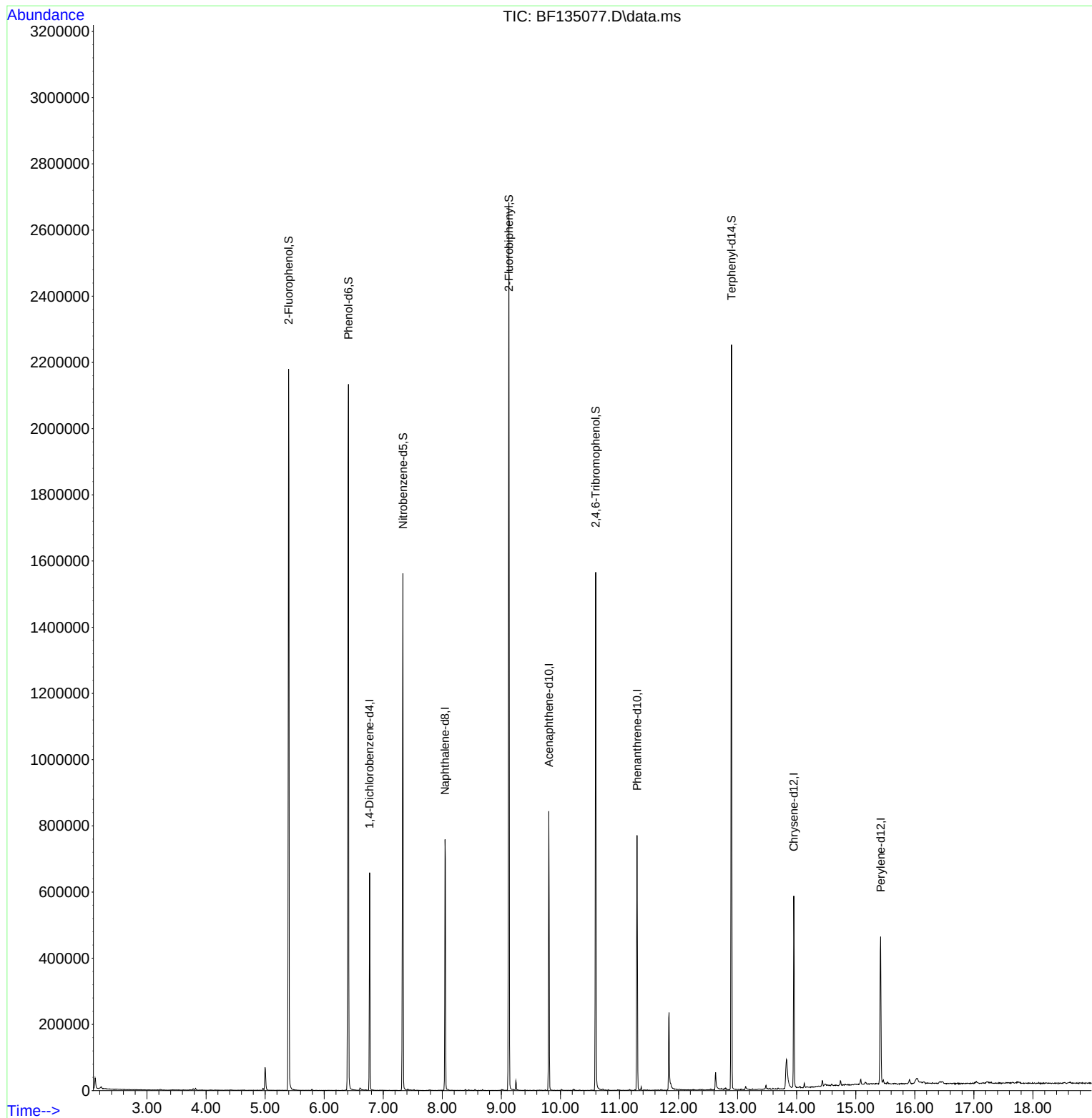
Target Compounds	Qvalue

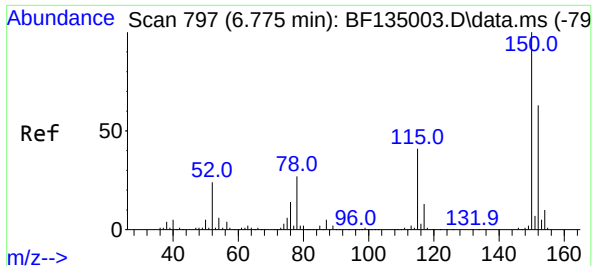
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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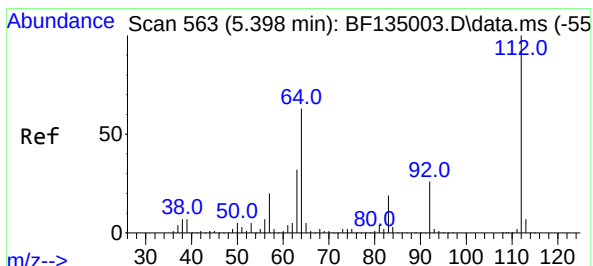
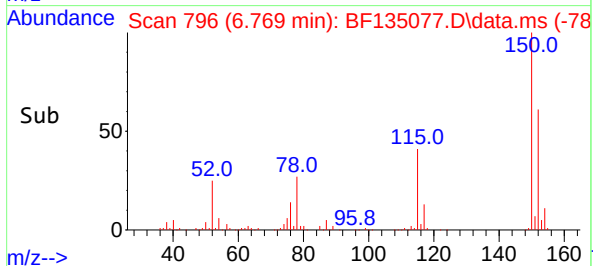
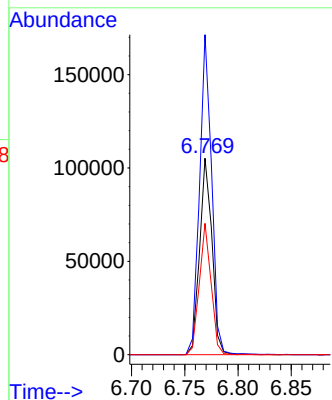
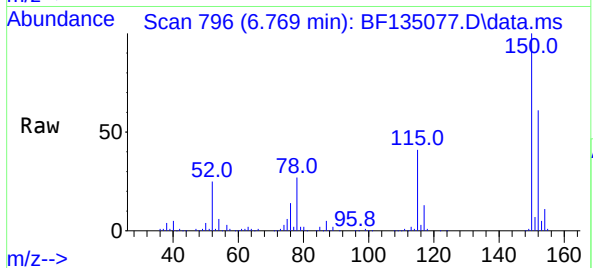




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135077.D
Acq: 01 Sep 2023 15:35

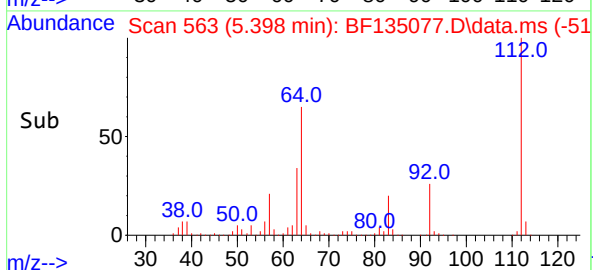
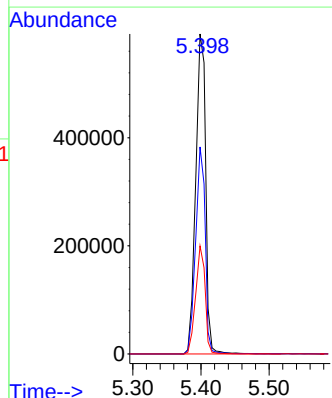
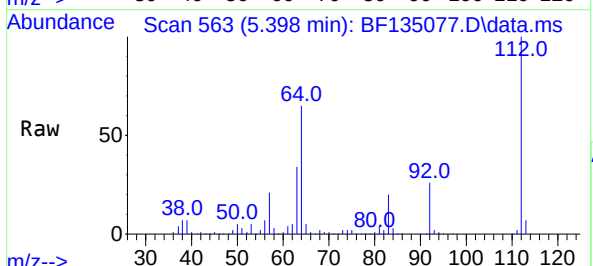
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)

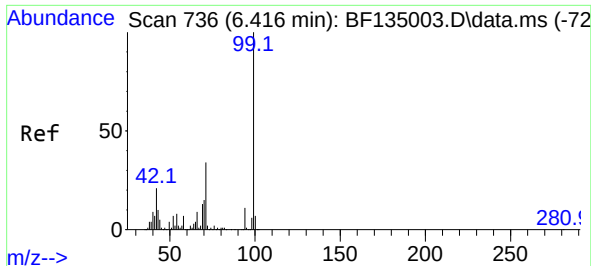
Tgt Ion:152 Resp: 85195
Ion Ratio Lower Upper
152 100
150 162.8 126.2 189.4
115 66.9 51.2 76.8



#5
2-Fluorophenol
Concen: 108.747 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF135077.D
Acq: 01 Sep 2023 15:35

Tgt Ion:112 Resp: 599806
Ion Ratio Lower Upper
112 100
64 64.7 50.5 75.7
63 33.8 25.9 38.9

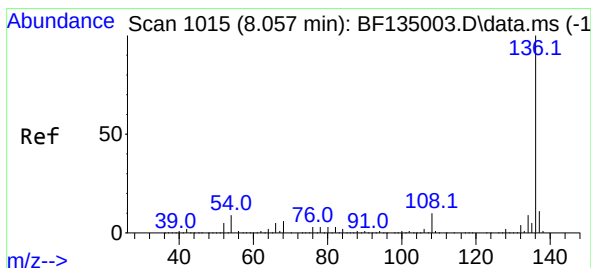
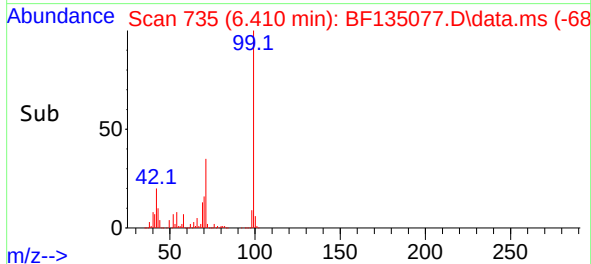
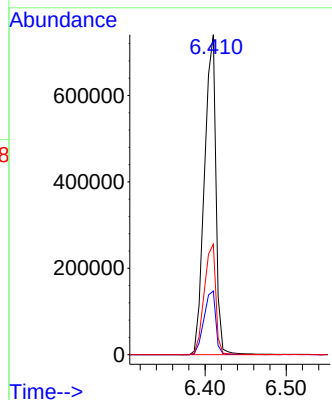
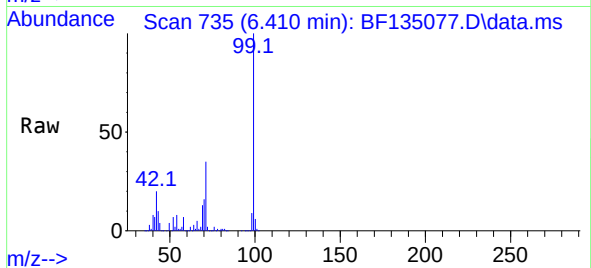




#7
Phenol-d6
Concen: 105.786 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135077.D
Acq: 01 Sep 2023 15:35

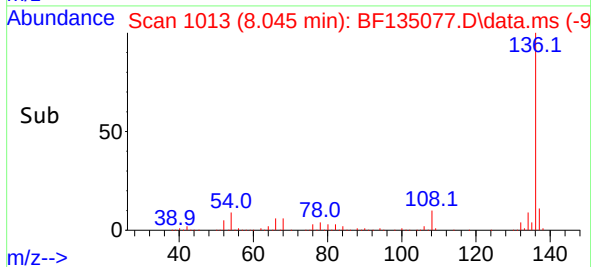
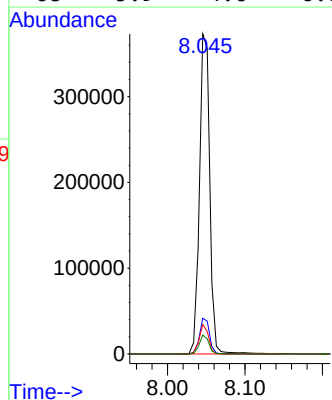
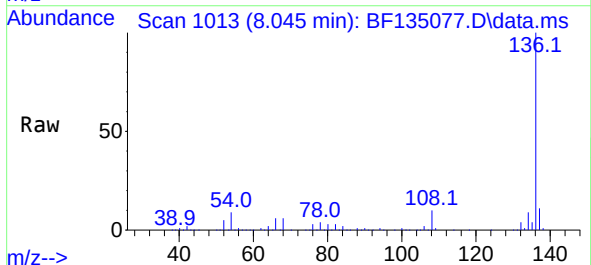
Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)

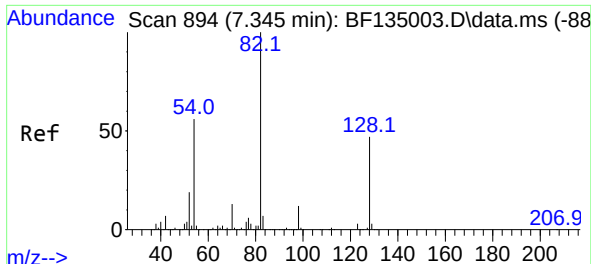
Tgt Ion: 99 Resp: 727261
Ion Ratio Lower Upper
99 100
42 19.9 16.6 25.0
71 34.6 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135077.D
Acq: 01 Sep 2023 15:35

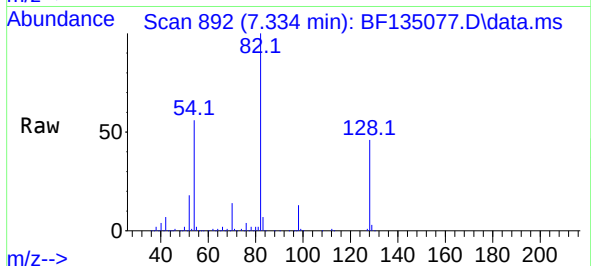
Tgt Ion: 136 Resp: 343700
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.1 7.0 10.4
68 5.9 4.6 6.8





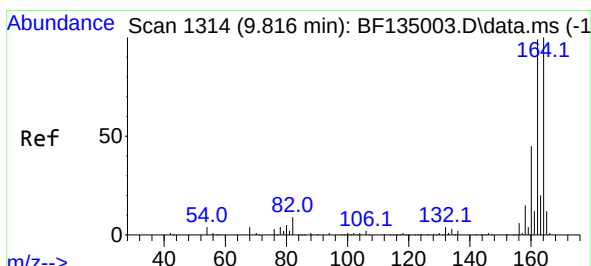
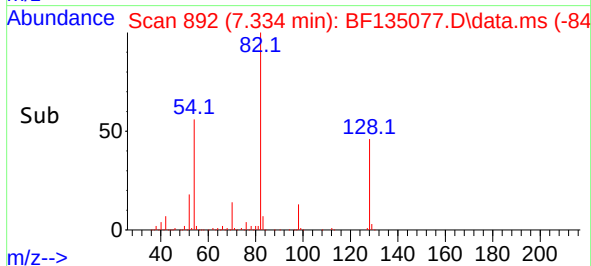
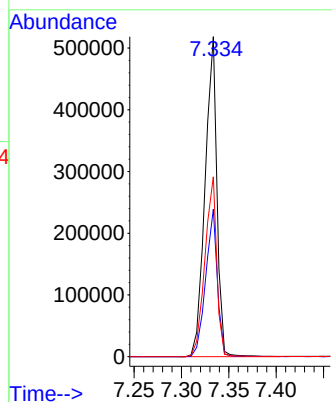
#23
Nitrobenzene-d5
Concen: 73.962 ng
RT: 7.334 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF135077.D
Acq: 01 Sep 2023 15:35

Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)



Tgt Ion: 82 Resp: 452479

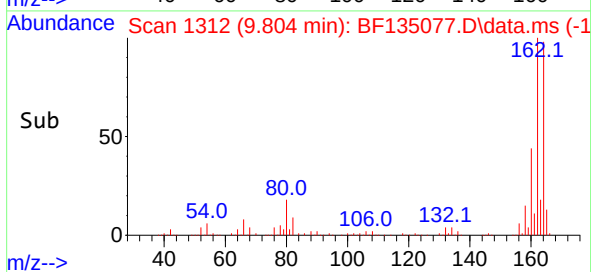
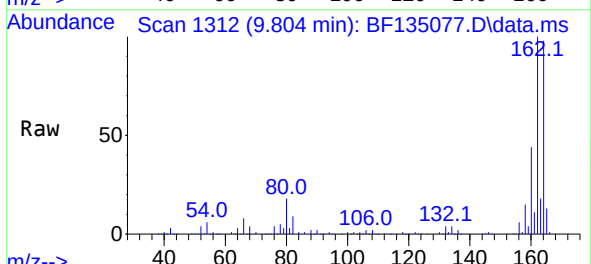
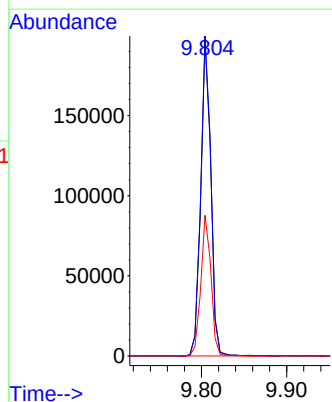
Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.8	56.8
54	56.2	45.0	67.6

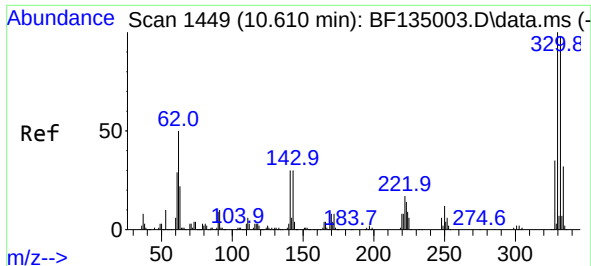


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF135077.D
Acq: 01 Sep 2023 15:35

Tgt Ion: 164 Resp: 161969

Ion	Ratio	Lower	Upper
164	100		
162	101.5	79.5	119.3
160	44.6	36.0	54.0





#42

2,4,6-Tribromophenol

Concen: 104.864 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF135077.D

Acq: 01 Sep 2023 15:35

Instrument :

BNA_F

ClientSampleId :

SB-8(12-12.5)

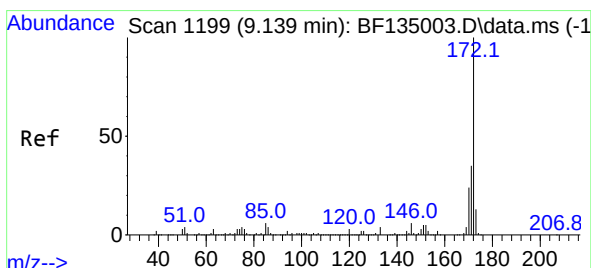
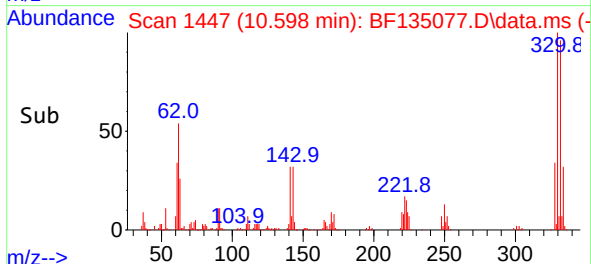
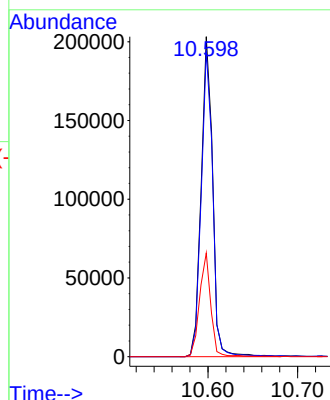
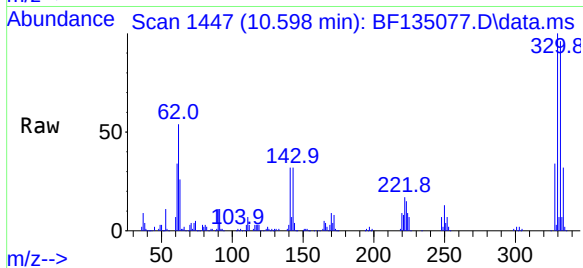
Tgt Ion:330 Resp: 180172

Ion Ratio Lower Upper

330 100

332 95.8 77.6 116.4

141 31.8 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 80.168 ng

RT: 9.128 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF135077.D

Acq: 01 Sep 2023 15:35

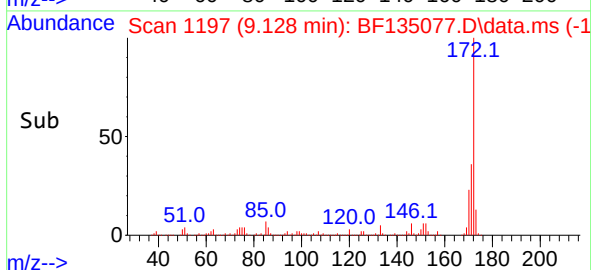
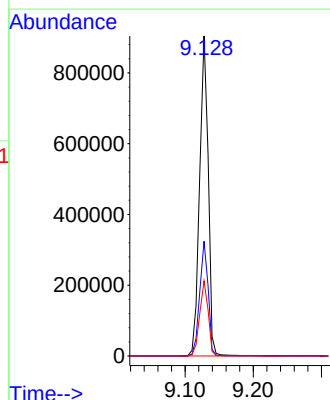
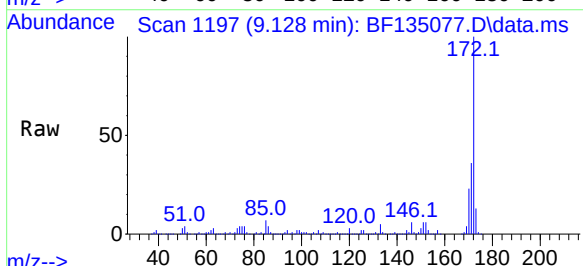
Tgt Ion:172 Resp: 797531

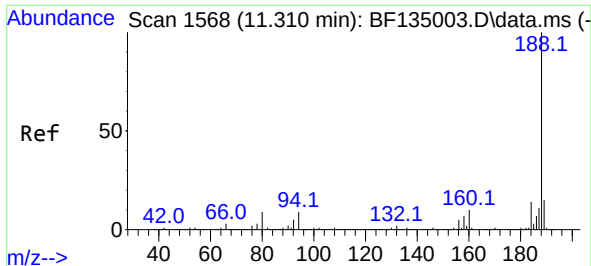
Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.2

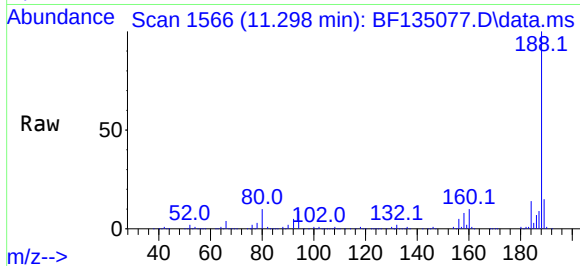
170 23.4 19.0 28.4



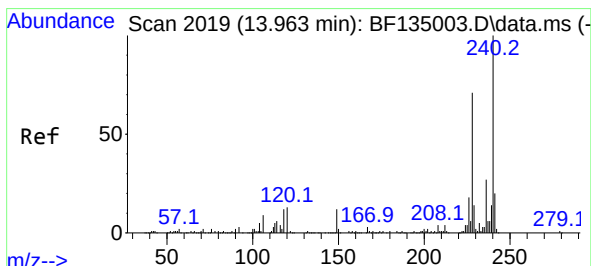
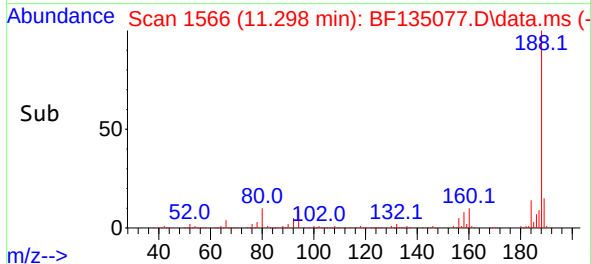
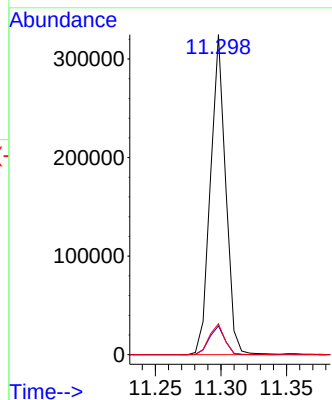


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135077.D
Acq: 01 Sep 2023 15:35

Instrument :
BNA_F
ClientSampleId :
SB-8(12-12.5)

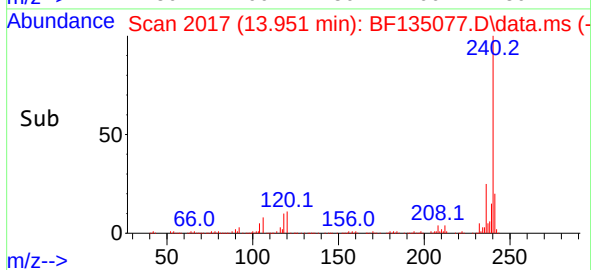
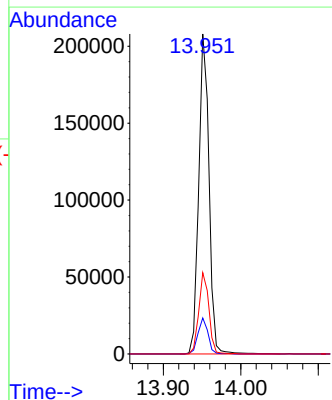
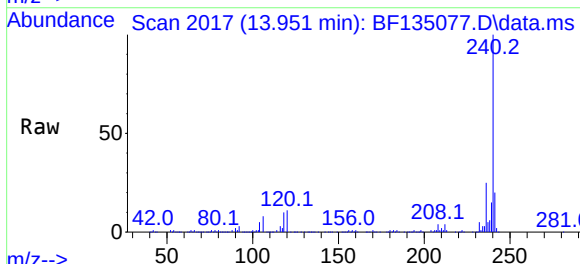


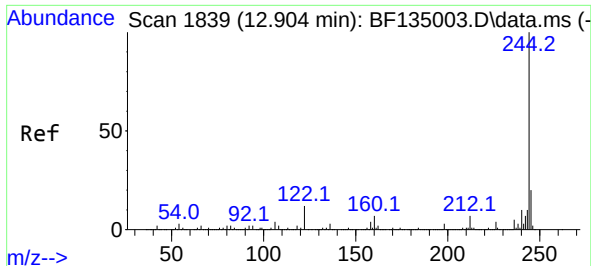
Tgt Ion:188 Resp: 262446
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 9.6 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF135077.D
Acq: 01 Sep 2023 15:35

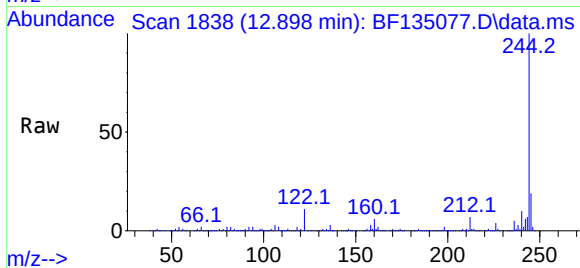
Tgt Ion:240 Resp: 190844
Ion Ratio Lower Upper
240 100
120 11.2 10.2 15.2
236 25.4 21.3 31.9



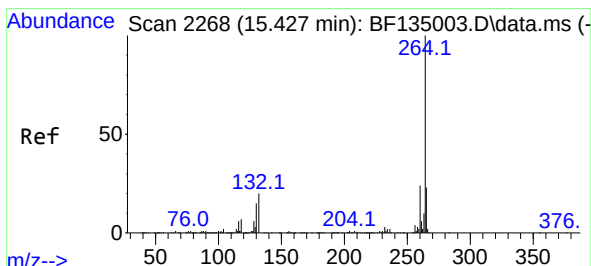
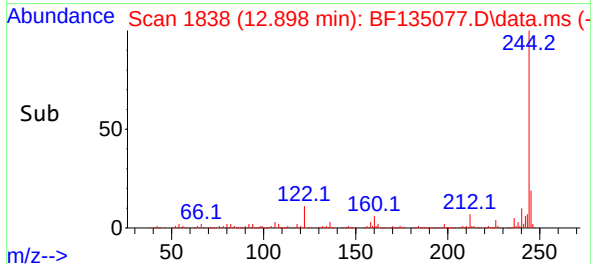
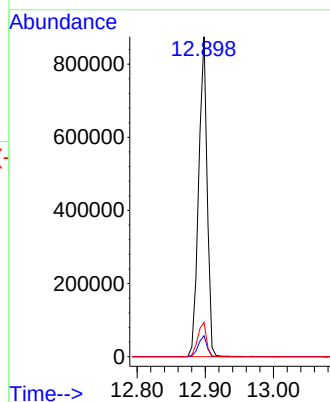


#79
 Terphenyl-d14
 Concen: 64.331 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF135077.D
 Acq: 01 Sep 2023 15:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(12-12.5)



Tgt Ion:244 Resp: 752325
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 10.7 9.8 14.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF135077.D
 Acq: 01 Sep 2023 15:35

Tgt Ion:264 Resp: 199708
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 21.5 18.2 27.2

