

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135058.D
 Acq On : 01 Sep 2023 00:09
 Operator : CG\JU
 Sample : 04196-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-345-COMP-03

Quant Time: Sep 01 01:54:27 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	113712	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	480450	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	244319	20.000	ng	-0.01
64) Phenanthrene-d10	11.298	188	432878	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	200116	20.000	ng	-0.01
86) Perylene-d12	15.421	264	212749	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1030684	140.004	ng	0.02
7) Phenol-d6	6.416	99	1180111	128.608	ng	0.00
23) Nitrobenzene-d5	7.340	82	891222	104.214	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	359054	138.539	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1521550	101.394	ng	0.00
79) Terphenyl-d14	12.904	244	1375037	112.131	ng	0.00

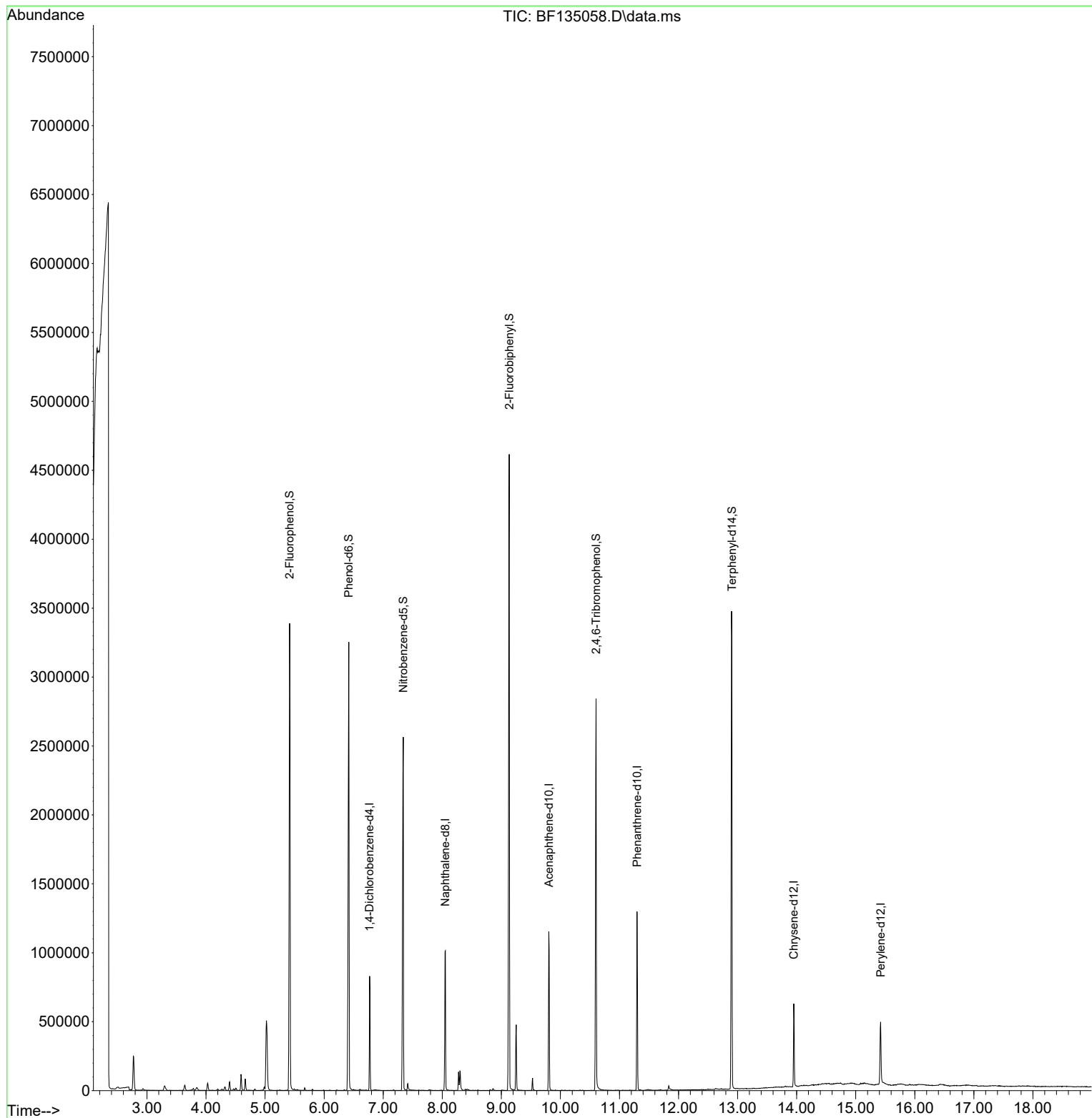
Target Compounds	Qvalue

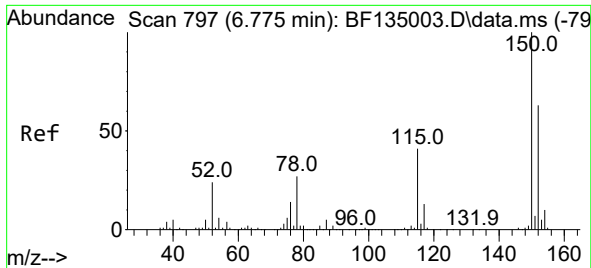
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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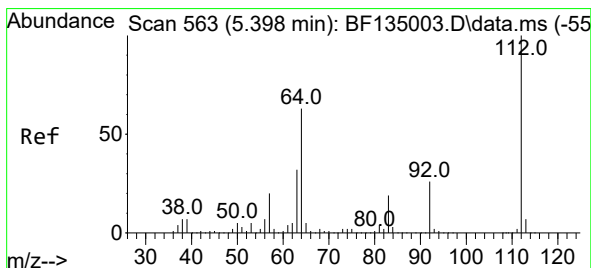
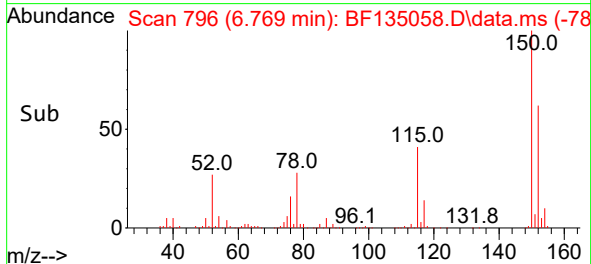
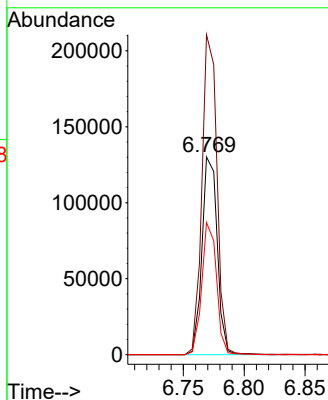
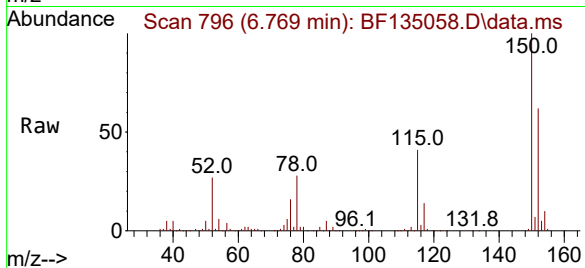




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135058.D
Acq: 01 Sep 2023 00:09

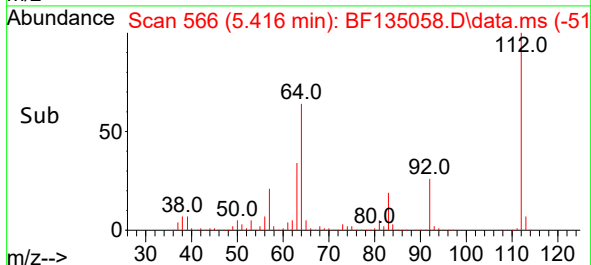
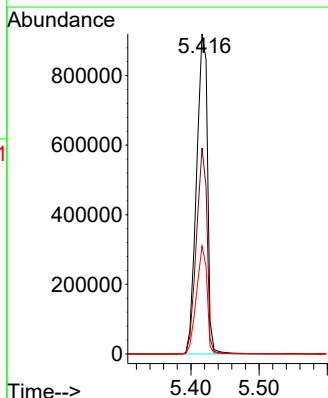
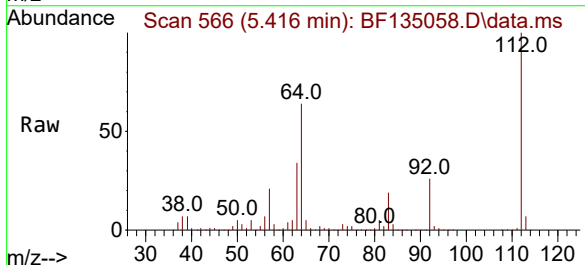
Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-03

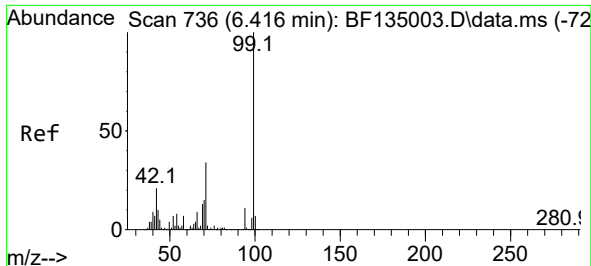
Tgt Ion:152 Resp: 113712
Ion Ratio Lower Upper
152 100
150 161.8 126.2 189.4
115 66.9 51.2 76.8



#5
2-Fluorophenol
Concen: 140.004 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.018 min
Lab File: BF135058.D
Acq: 01 Sep 2023 00:09

Tgt Ion:112 Resp: 1030684
Ion Ratio Lower Upper
112 100
64 64.4 50.5 75.7
63 33.8 25.9 38.9

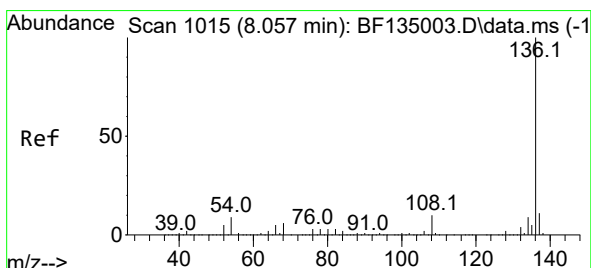
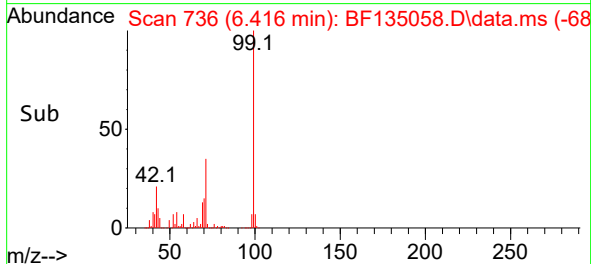
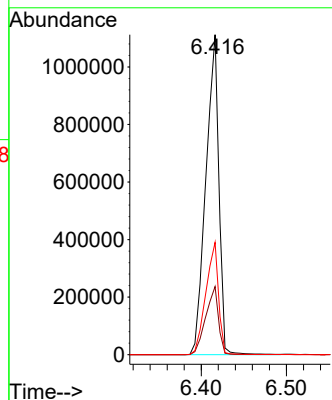
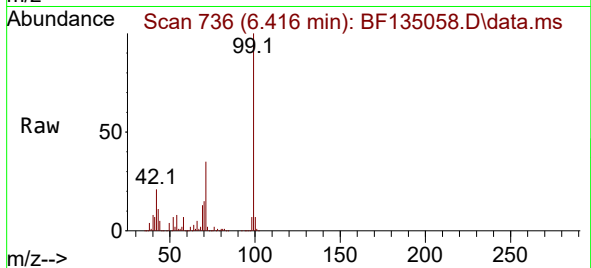




#7
Phenol-d6
Concen: 128.608 ng
RT: 6.416 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135058.D
Acq: 01 Sep 2023 00:09

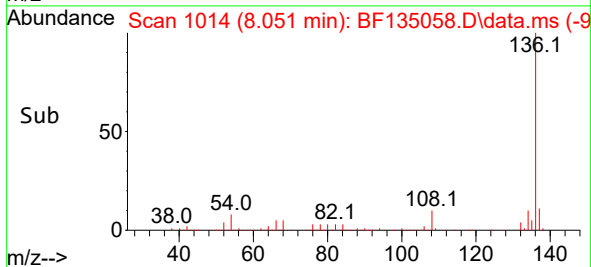
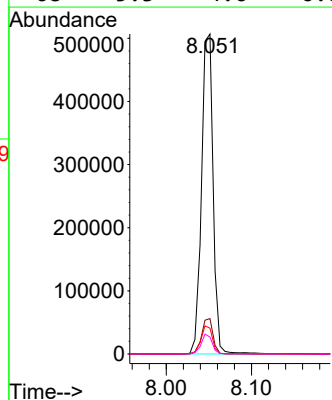
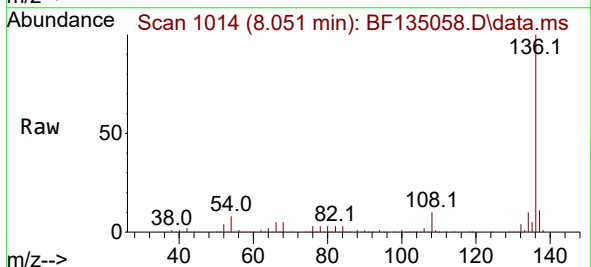
Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-03

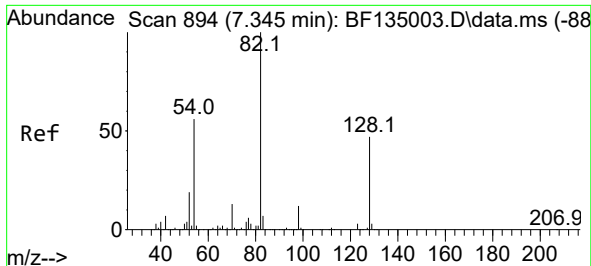
Tgt Ion: 99 Resp: 1180111
Ion Ratio Lower Upper
99 100
42 21.3 16.6 25.0
71 35.1 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135058.D
Acq: 01 Sep 2023 00:09

Tgt Ion:136 Resp: 480450
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.0 7.0 10.4
68 5.3 4.6 6.8

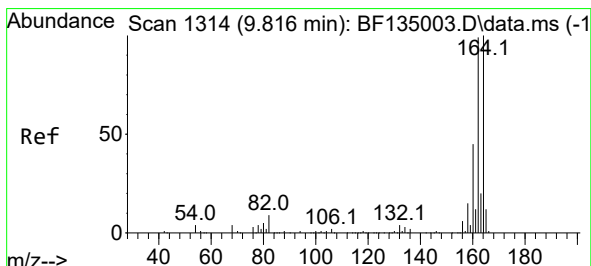
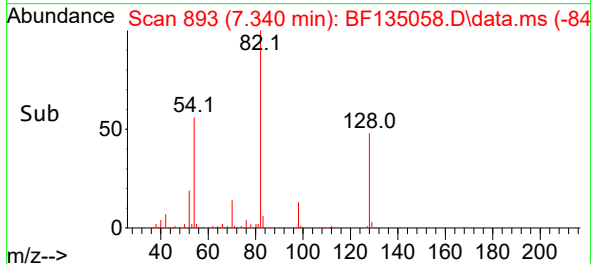
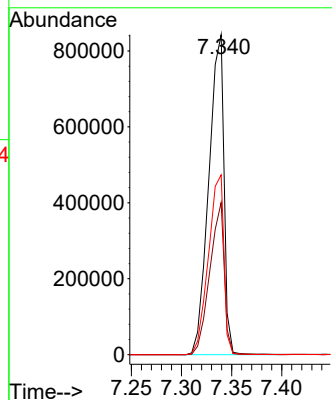
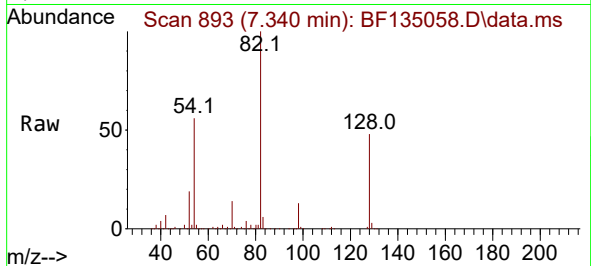




#23
Nitrobenzene-d5
Concen: 104.214 ng
RT: 7.340 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF135058.D
Acq: 01 Sep 2023 00:09

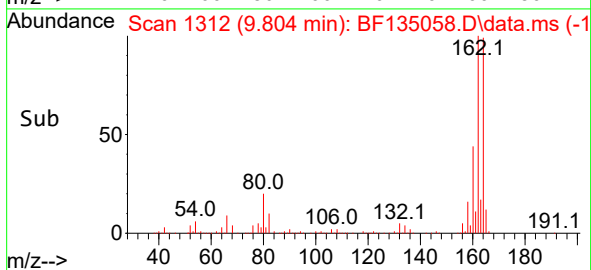
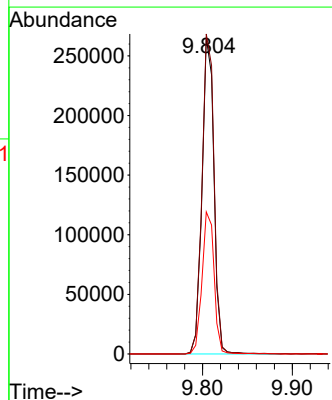
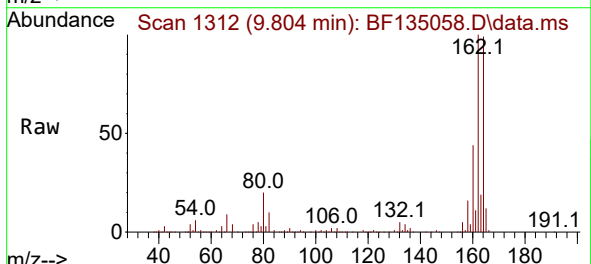
Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-03

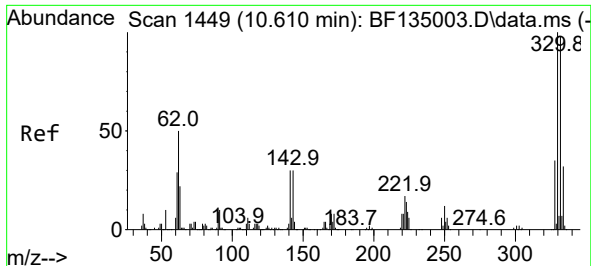
Tgt Ion: 82 Resp: 891222
Ion Ratio Lower Upper
82 100
128 47.5 37.8 56.8
54 56.2 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF135058.D
Acq: 01 Sep 2023 00:09

Tgt Ion: 164 Resp: 244319
Ion Ratio Lower Upper
164 100
162 101.3 79.5 119.3
160 45.0 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 138.539 ng

RT: 10.604 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF135058.D

Acq: 01 Sep 2023 00:09

Instrument :

BNA_F

ClientSampleId :

OR-345-COMP-03

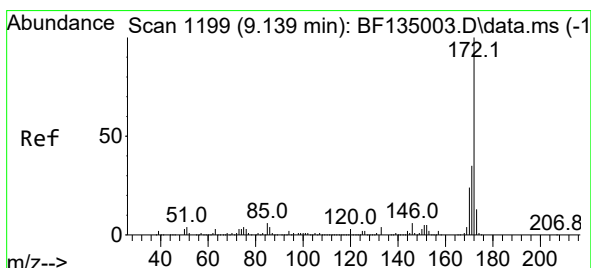
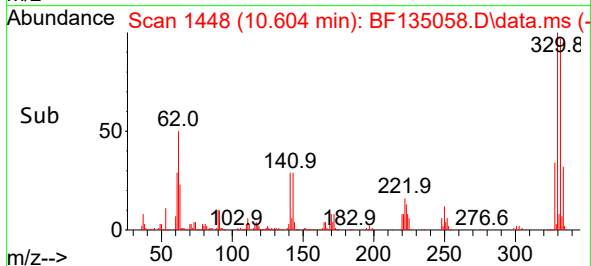
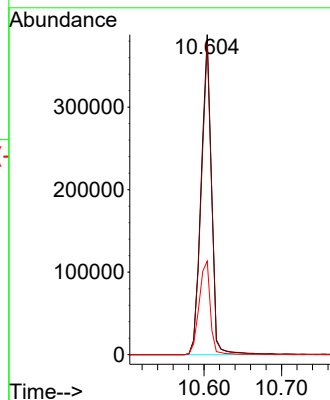
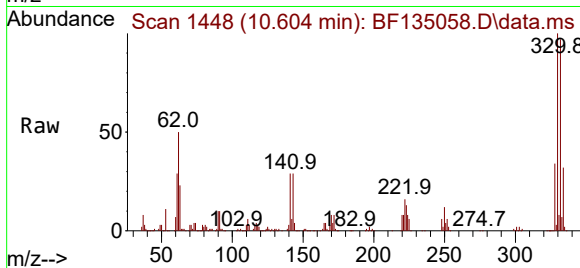
Tgt Ion:330 Resp: 359054

Ion Ratio Lower Upper

330 100

332 97.1 77.6 116.4

141 31.8 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 101.394 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135058.D

Acq: 01 Sep 2023 00:09

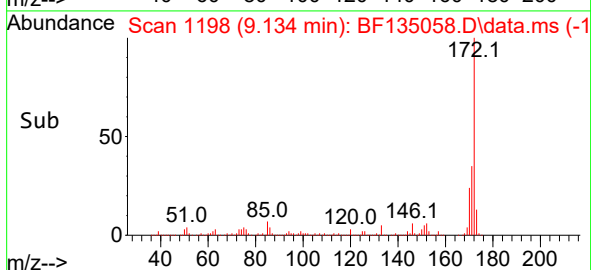
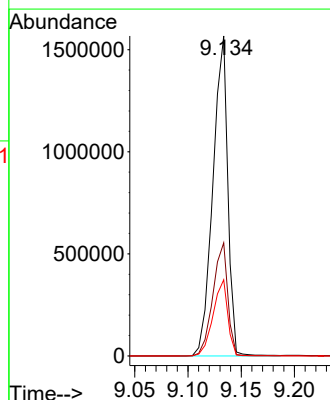
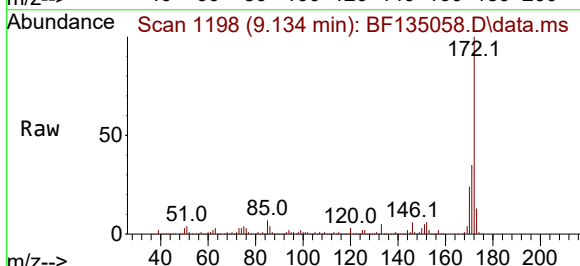
Tgt Ion:172 Resp: 1521550

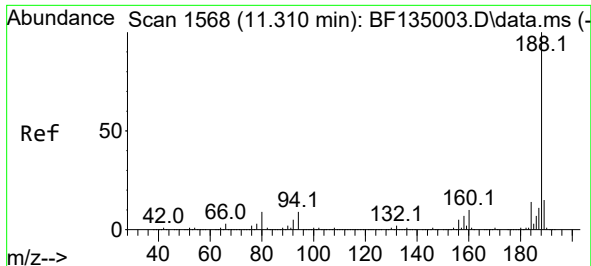
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

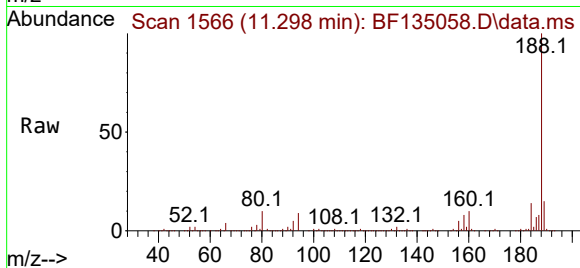
170 23.8 19.0 28.4



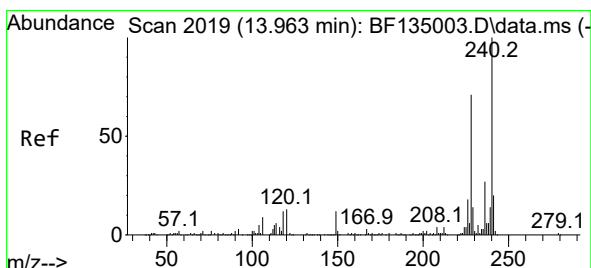
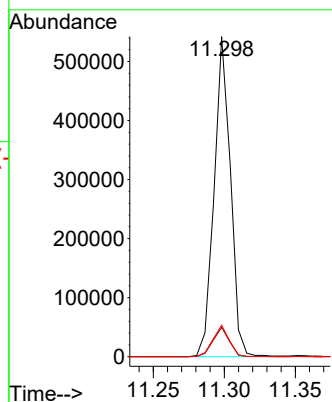
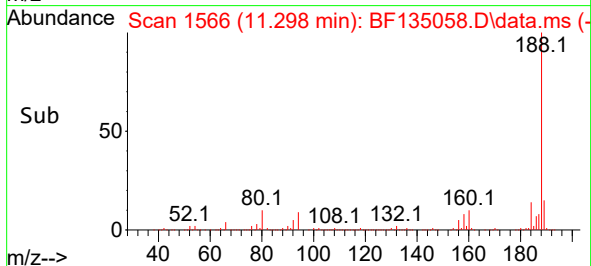


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135058.D
Acq: 01 Sep 2023 00:09

Instrument :
BNA_F
ClientSampleId :
OR-345-COMP-03

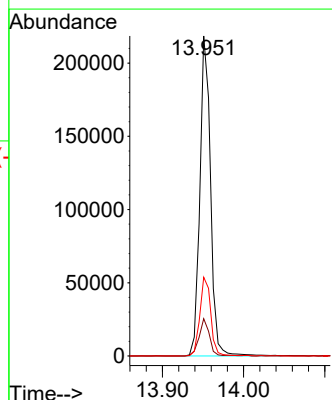
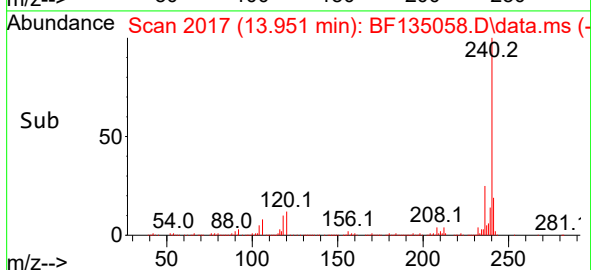
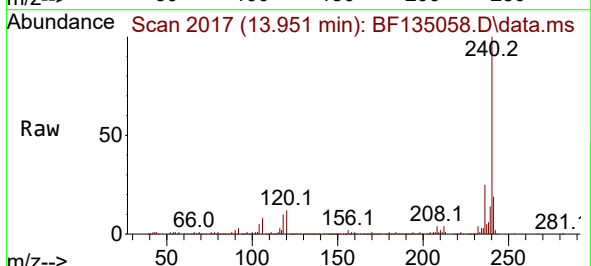


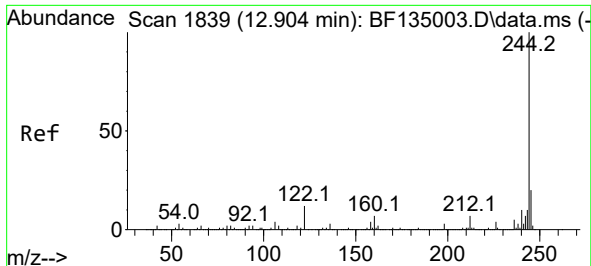
Tgt Ion:188 Resp: 432878
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.4
80 9.9 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF135058.D
Acq: 01 Sep 2023 00:09

Tgt Ion:240 Resp: 200116
Ion Ratio Lower Upper
240 100
120 11.7 10.2 15.2
236 24.6 21.3 31.9

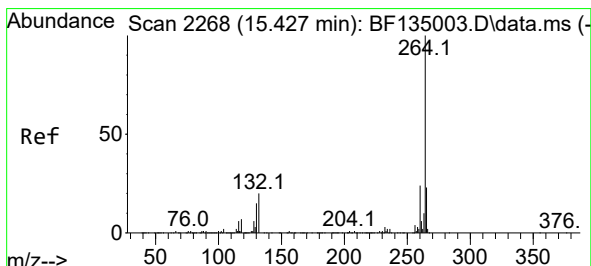
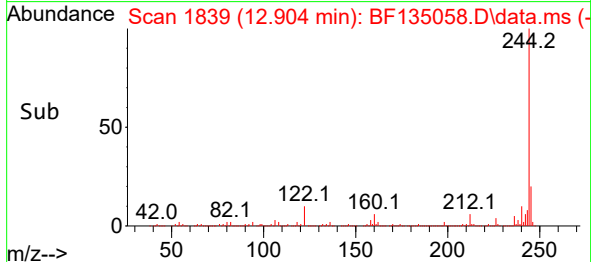
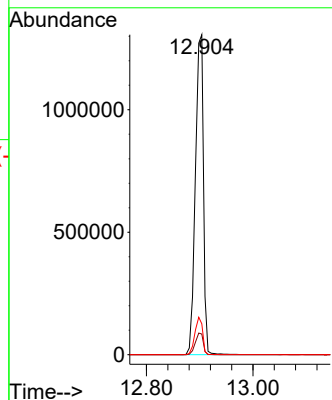
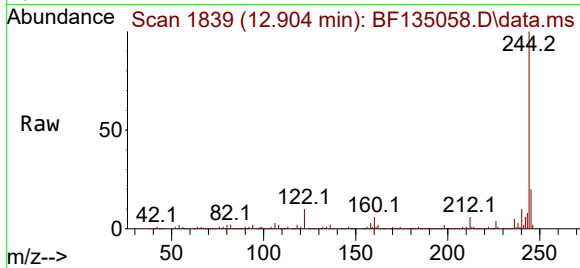




#79
 Terphenyl-d14
 Concen: 112.131 ng
 RT: 12.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF135058.D
 Acq: 01 Sep 2023 00:09

Instrument :
 BNA_F
 ClientSampleId :
 OR-345-COMP-03

Tgt Ion:244 Resp: 1375037
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 9.7 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: BF135058.D
 Acq: 01 Sep 2023 00:09

Tgt Ion:264 Resp: 212749
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.2 18.2 27.2

