

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135051.D
 Acq On : 31 Aug 2023 20:26
 Operator : CG\JU
 Sample : 04218-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Sep 01 01:52:03 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	107231	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	437517	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	231328	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	414463	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	188733	20.000	ng	-0.01
86) Perylene-d12	15.421	264	220263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	557782	80.346	ng	0.00
7) Phenol-d6	6.404	99	730009	84.364	ng	-0.01
23) Nitrobenzene-d5	7.334	82	474986	60.992	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	163057	66.448	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	928830	65.372	ng	0.00
79) Terphenyl-d14	12.898	244	863556	74.668	ng	0.00

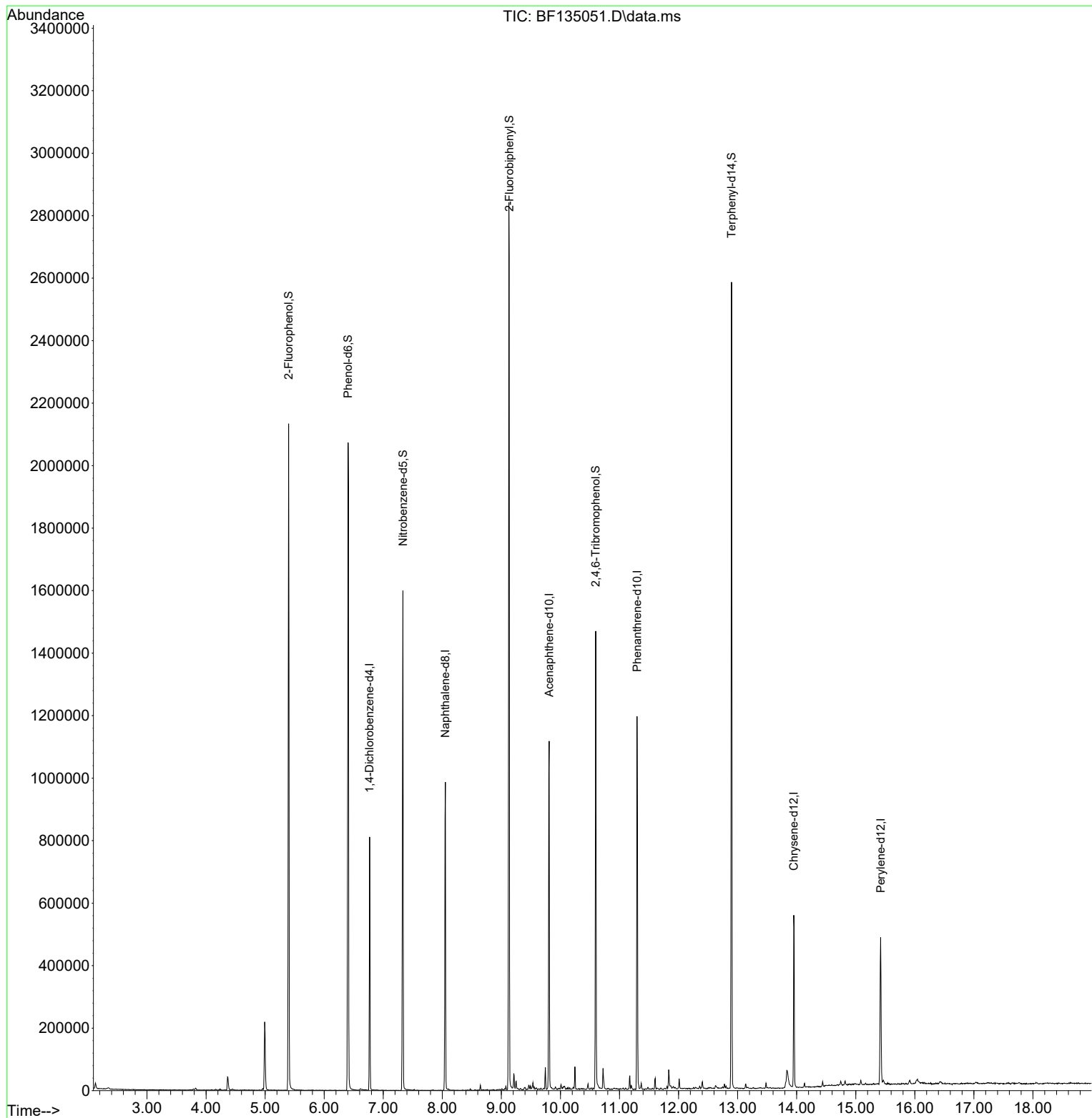
Target Compounds	Qvalue

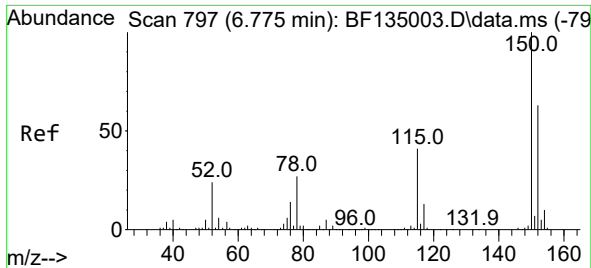
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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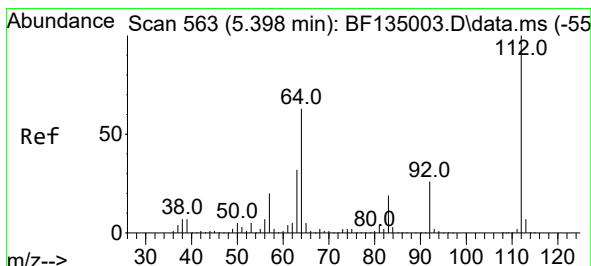
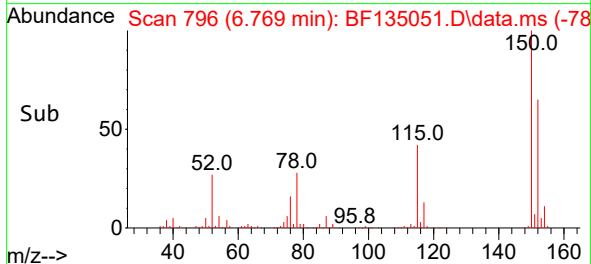
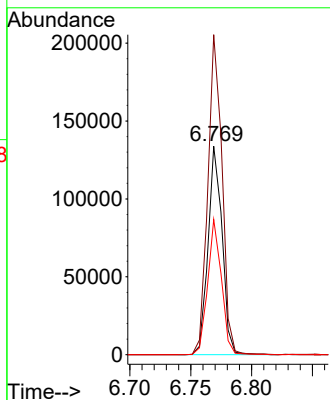
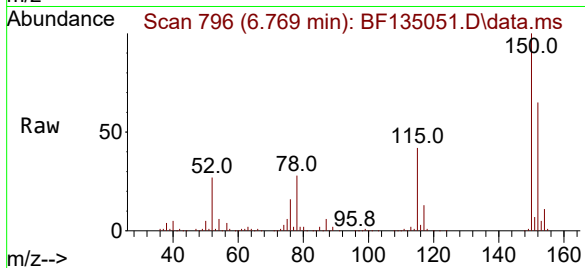




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135051.D
Acq: 31 Aug 2023 20:26

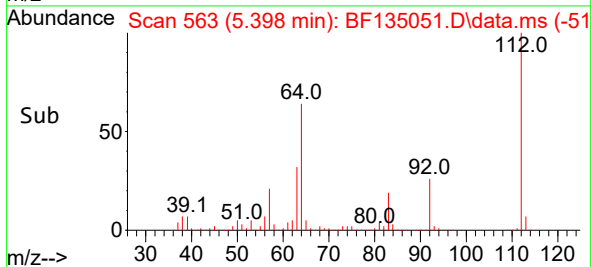
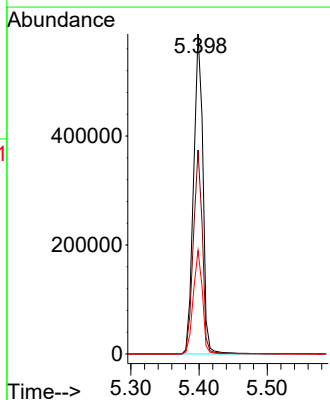
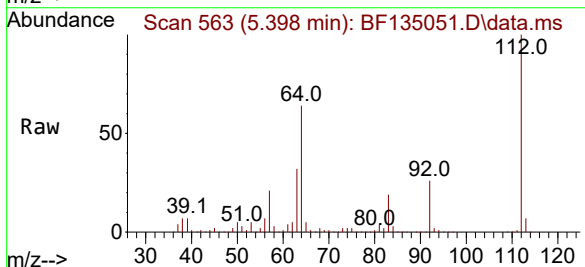
Instrument :
BNA_F
ClientSampleId :
COMP-1

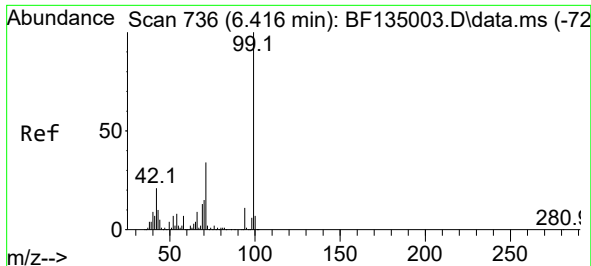
Tgt Ion:152 Resp: 107231
Ion Ratio Lower Upper
152 100
150 153.5 126.2 189.4
115 64.9 51.2 76.8



#5
2-Fluorophenol
Concen: 80.346 ng
RT: 5.398 min Scan# 563
Delta R.T. -0.000 min
Lab File: BF135051.D
Acq: 31 Aug 2023 20:26

Tgt Ion:112 Resp: 557782
Ion Ratio Lower Upper
112 100
64 63.7 50.5 75.7
63 32.4 25.9 38.9

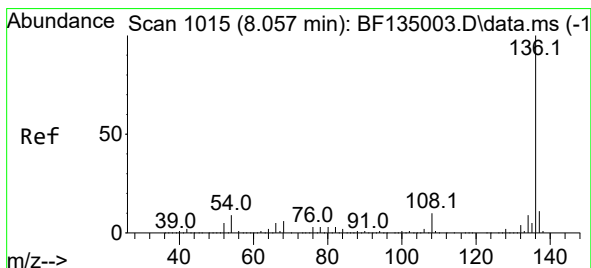
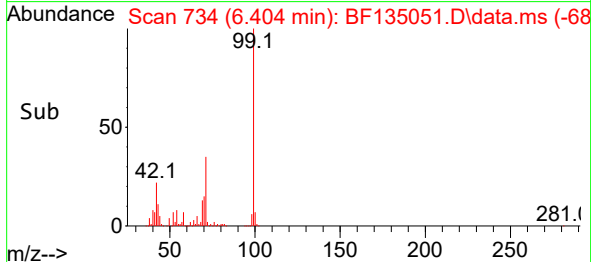
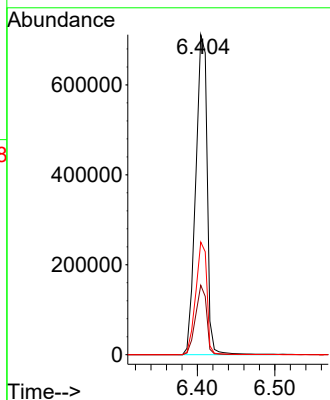
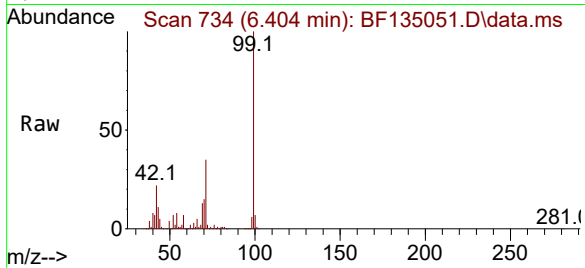




#7
Phenol-d6
Concen: 84.364 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135051.D
Acq: 31 Aug 2023 20:26

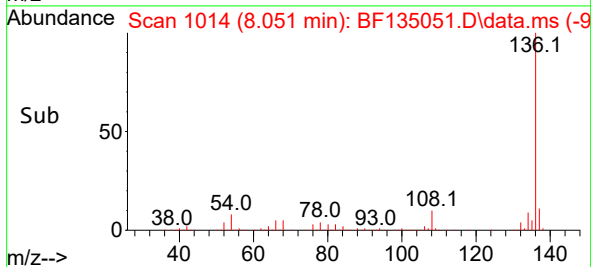
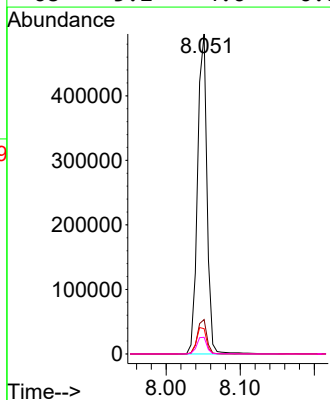
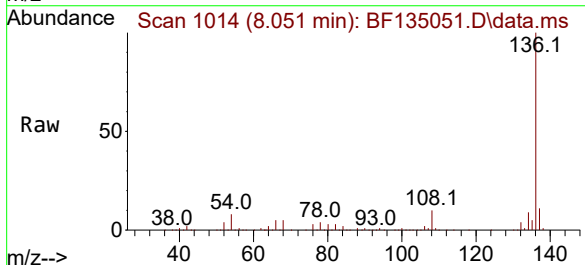
Instrument :
BNA_F
ClientSampleId :
COMP-1

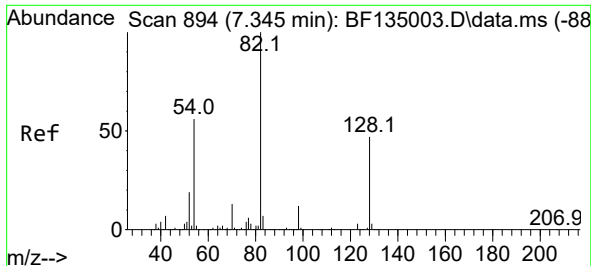
Tgt Ion: 99 Resp: 730009
Ion Ratio Lower Upper
99 100
42 21.7 16.6 25.0
71 35.2 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135051.D
Acq: 31 Aug 2023 20:26

Tgt Ion: 136 Resp: 437517
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.9 7.0 10.4
68 5.2 4.6 6.8

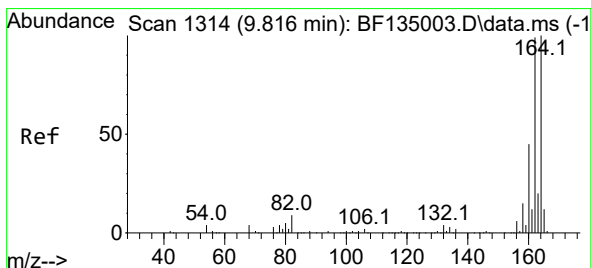
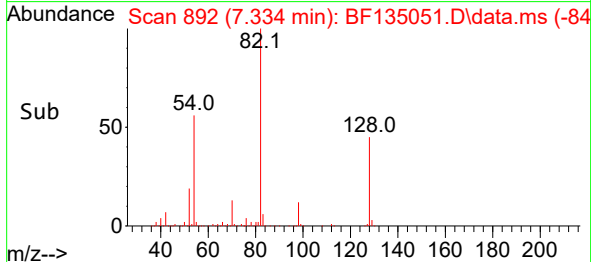
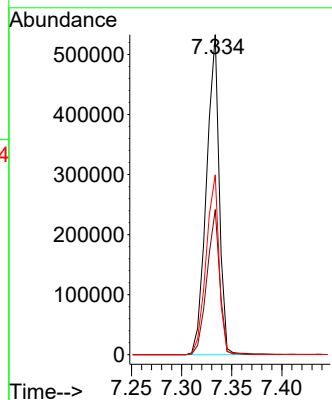
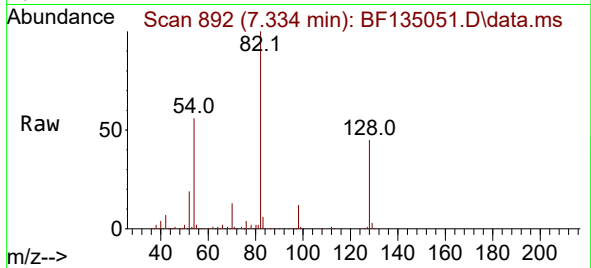




#23
Nitrobenzene-d5
Concen: 60.992 ng
RT: 7.334 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF135051.D
Acq: 31 Aug 2023 20:26

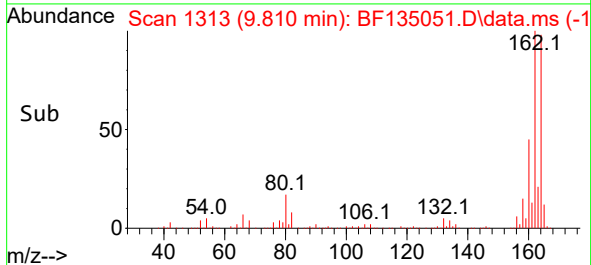
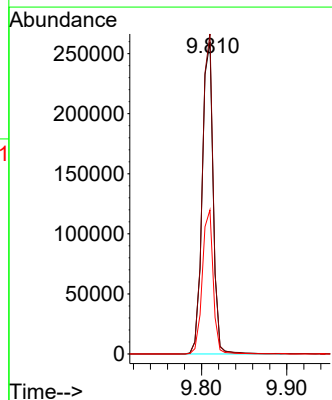
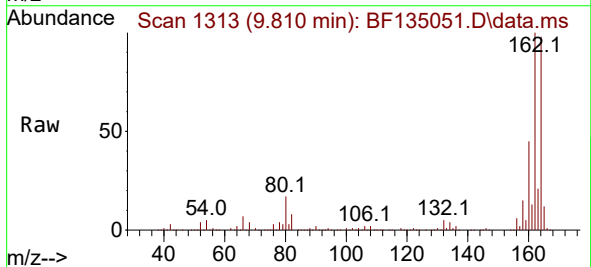
Instrument :
BNA_F
ClientSampleId :
COMP-1

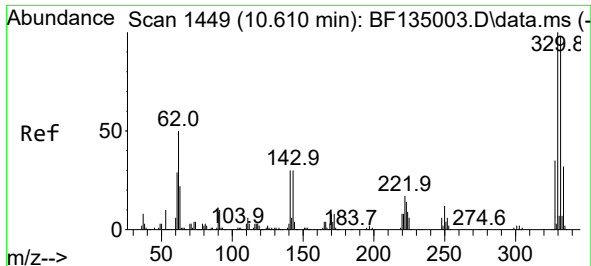
Tgt Ion: 82 Resp: 474986
Ion Ratio Lower Upper
82 100
128 45.3 37.8 56.8
54 56.2 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135051.D
Acq: 31 Aug 2023 20:26

Tgt Ion:164 Resp: 231328
Ion Ratio Lower Upper
164 100
162 102.5 79.5 119.3
160 46.1 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 66.448 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF135051.D

Acq: 31 Aug 2023 20:26

Instrument :

BNA_F

ClientSampleId :

COMP-1

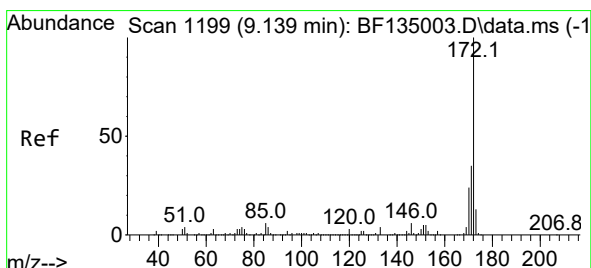
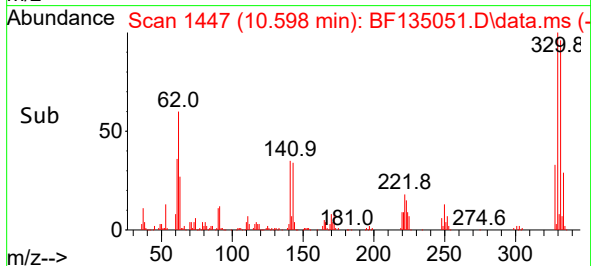
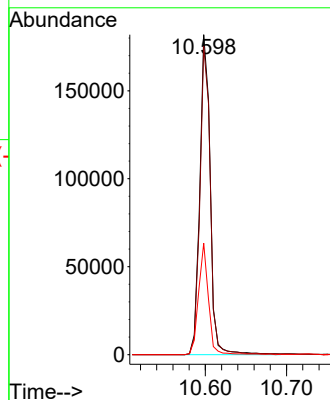
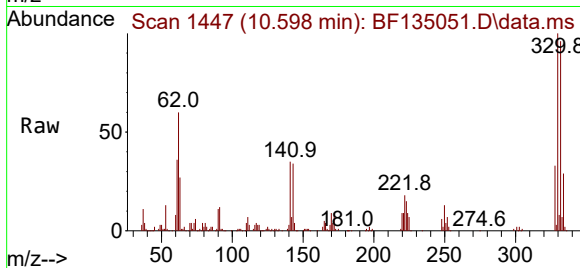
Tgt Ion:330 Resp: 163057

Ion Ratio Lower Upper

330 100

332 97.0 77.6 116.4

141 33.2 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 65.372 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135051.D

Acq: 31 Aug 2023 20:26

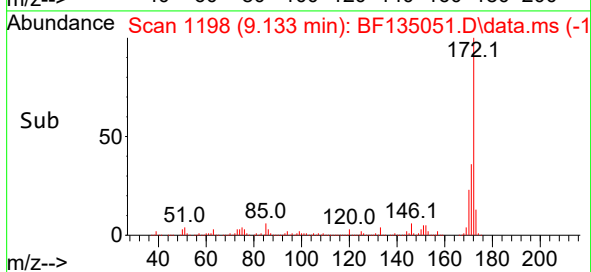
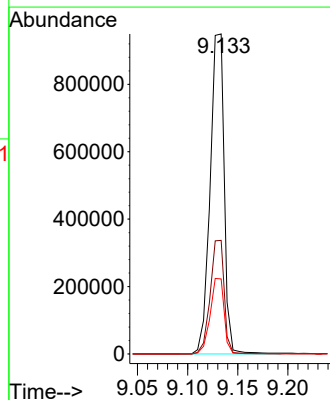
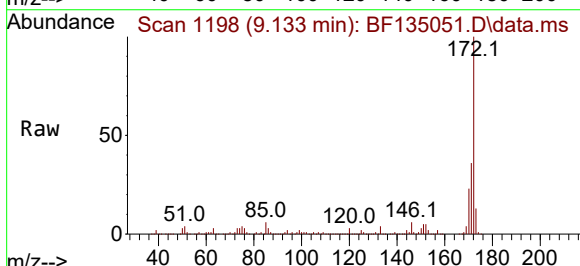
Tgt Ion:172 Resp: 928830

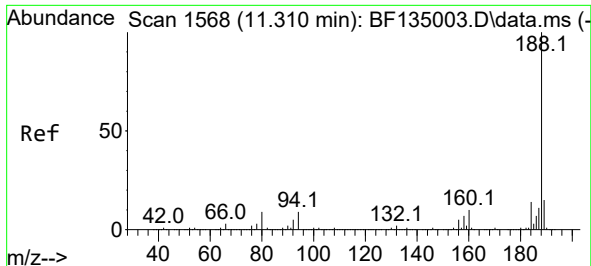
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

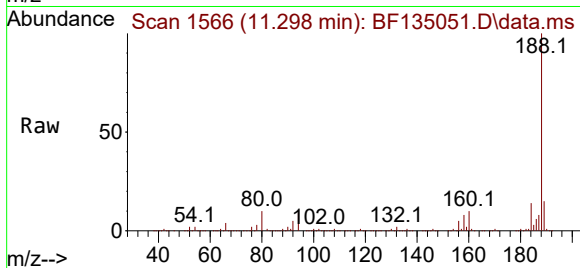
170 23.5 19.0 28.4



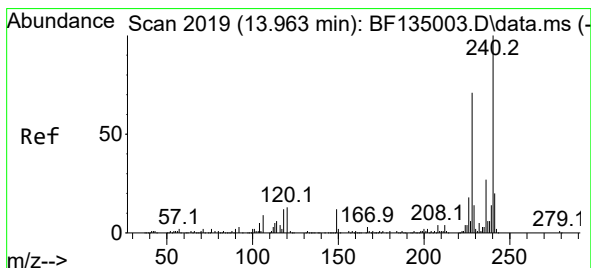
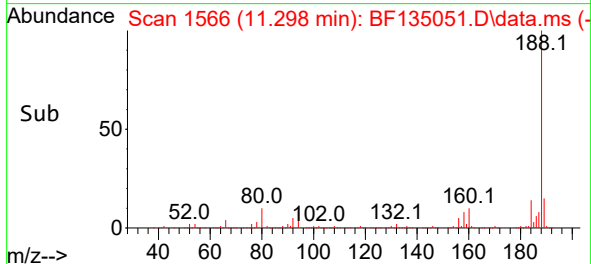
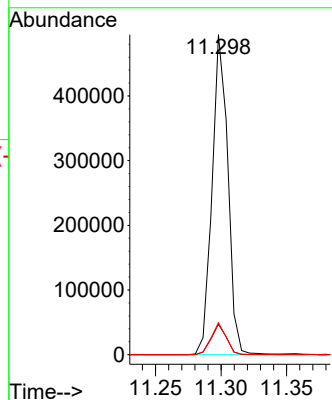


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF135051.D
Acq: 31 Aug 2023 20:26

Instrument :
BNA_F
ClientSampleId :
COMP-1

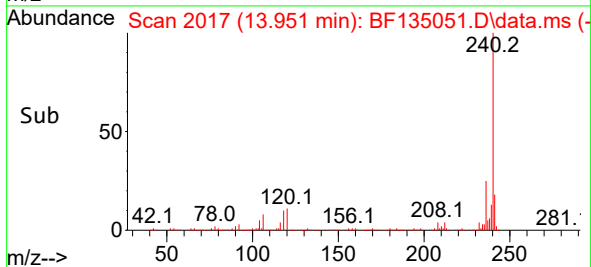
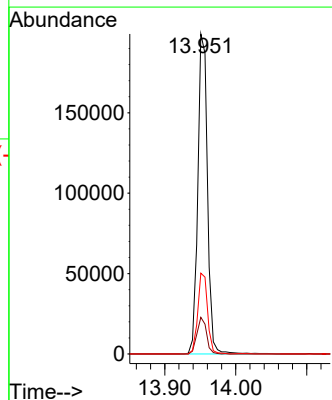
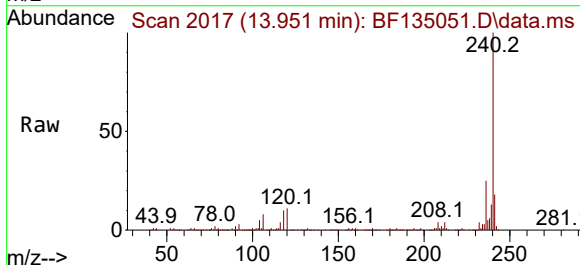


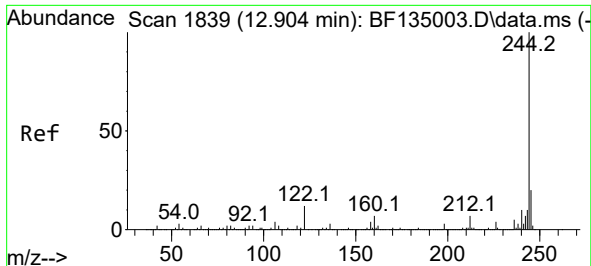
Tgt Ion:188 Resp: 414463
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.4
80 10.0 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF135051.D
Acq: 31 Aug 2023 20:26

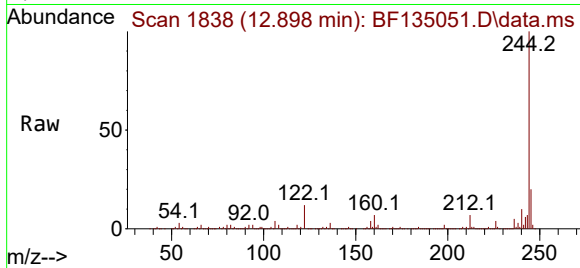
Tgt Ion:240 Resp: 188733
Ion Ratio Lower Upper
240 100
120 11.5 10.2 15.2
236 25.3 21.3 31.9



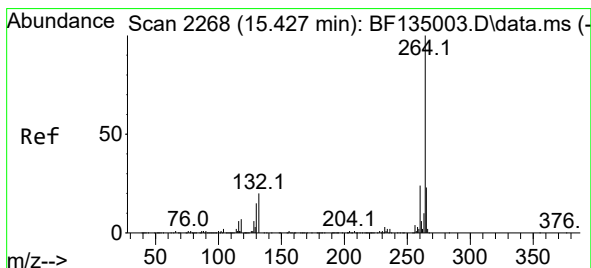
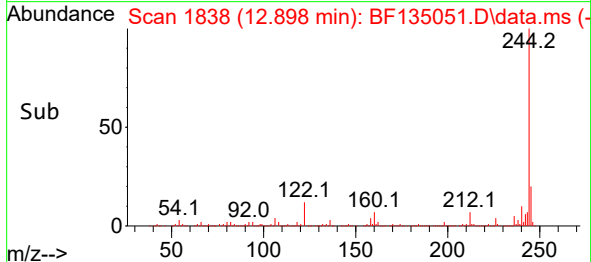
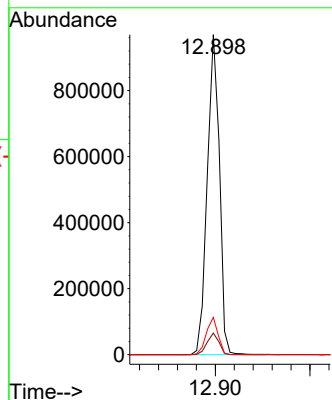


#79
 Terphenyl-d14
 Concen: 74.668 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135051.D
 Acq: 31 Aug 2023 20:26

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 863556
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.6 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: BF135051.D
 Acq: 31 Aug 2023 20:26

Tgt Ion:264 Resp: 220263
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 21.0 18.2 27.2

