

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135844.D
 Acq On : 18 Oct 2023 13:32
 Operator : CG\JU
 Sample : 04858-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Oct 18 13:56:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	84418	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	322494	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	176966	20.000	ng	-0.01
64) Phenanthrene-d10	11.274	188	375199	20.000	ng	0.00
76) Chrysene-d12	13.939	240	224058	20.000	ng	-0.01
86) Perylene-d12	15.421	264	180654	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	663791	126.420	ng	0.02
7) Phenol-d6	6.398	99	771683	117.789	ng	0.00
23) Nitrobenzene-d5	7.310	82	564413	96.257	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	287206	169.131	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1016296	89.791	ng	0.00
79) Terphenyl-d14	12.874	244	1253575	103.612	ng	0.00

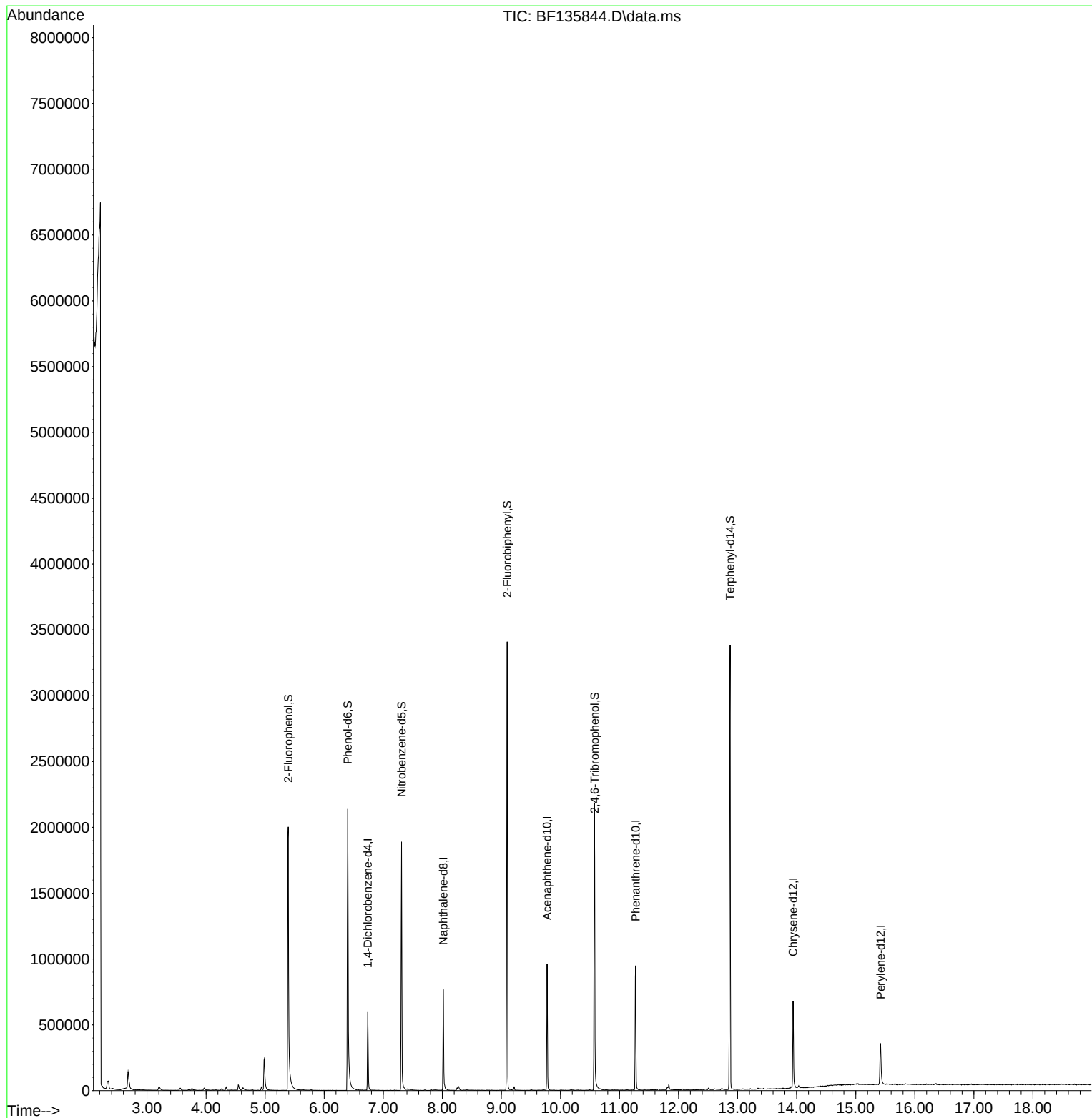
Target Compounds	Qvalue

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

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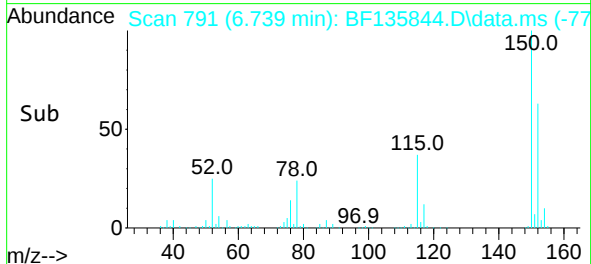
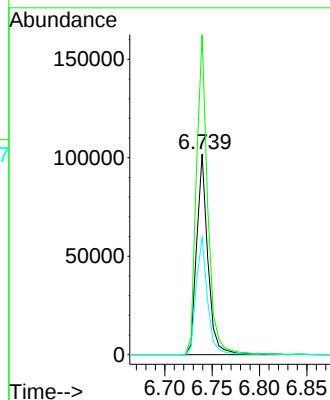
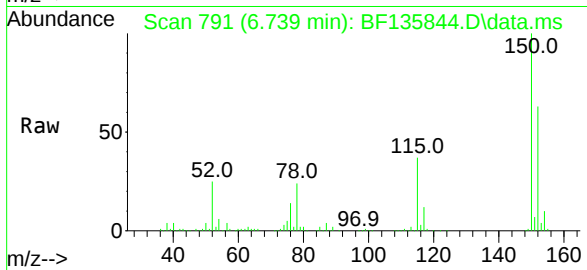




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.007 min
Lab File: BF135844.D
Acq: 18 Oct 2023 13:32

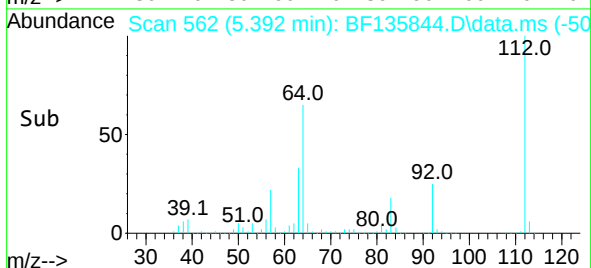
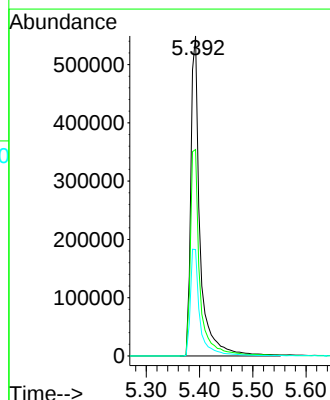
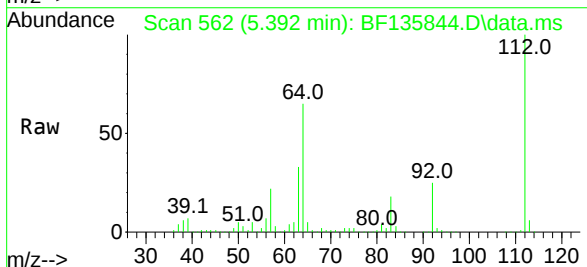
Instrument :
BNA_F
ClientSampleId :
WC-1

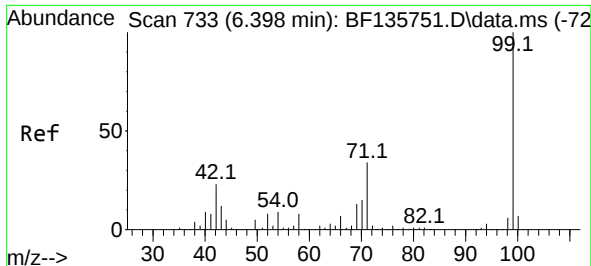
Tgt Ion:152 Resp: 84418
Ion Ratio Lower Upper
152 100
150 159.6 124.5 186.7
115 58.5 49.0 73.4



#5
2-Fluorophenol
Concen: 126.420 ng
RT: 5.392 min Scan# 562
Delta R.T. 0.017 min
Lab File: BF135844.D
Acq: 18 Oct 2023 13:32

Tgt Ion:112 Resp: 663791
Ion Ratio Lower Upper
112 100
64 64.5 51.2 76.8
63 33.3 26.1 39.1

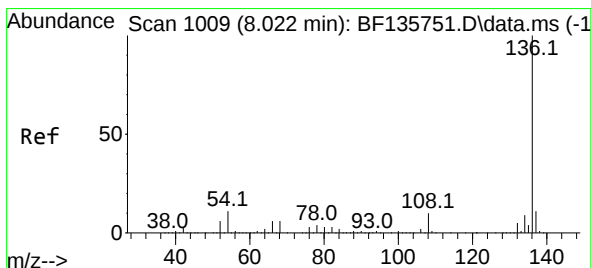
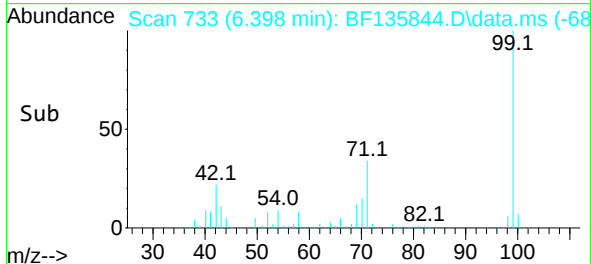
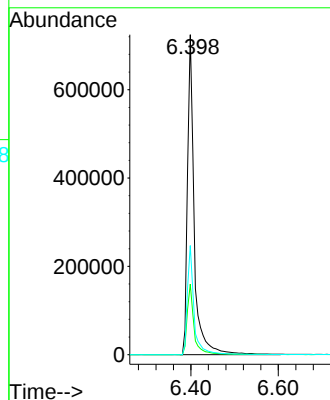
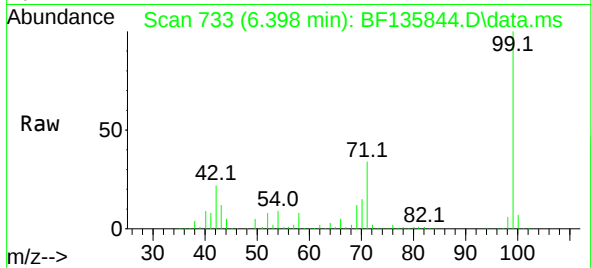




#7
Phenol-d6
Concen: 117.789 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135844.D
Acq: 18 Oct 2023 13:32

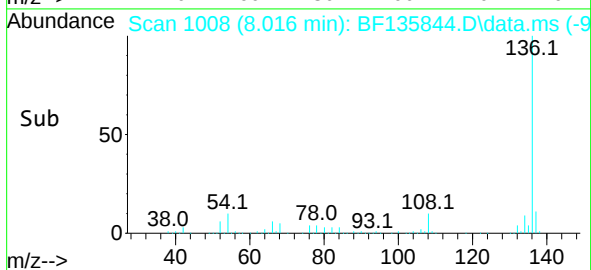
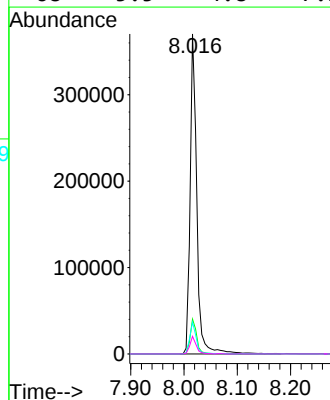
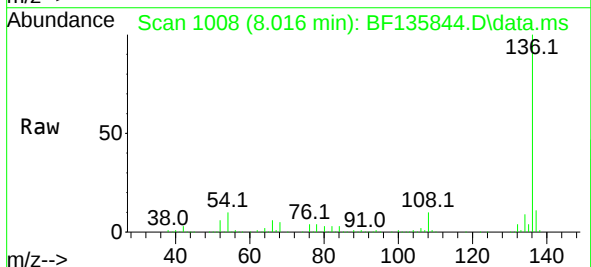
Instrument :
BNA_F
ClientSampleId :
WC-1

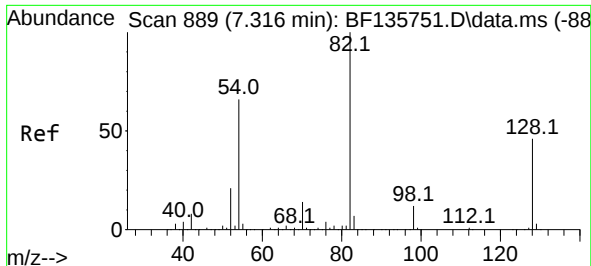
Tgt Ion: 99 Resp: 771683
Ion Ratio Lower Upper
99 100
42 22.1 18.4 27.6
71 34.1 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135844.D
Acq: 18 Oct 2023 13:32

Tgt Ion: 136 Resp: 322494
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.0 8.5 12.7
68 5.5 4.8 7.2

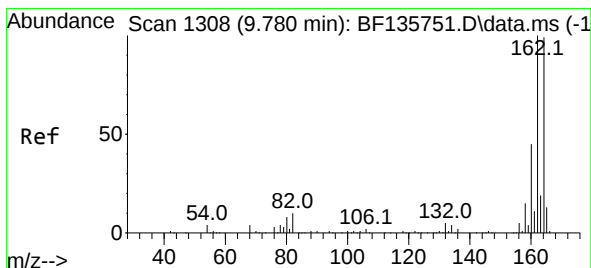
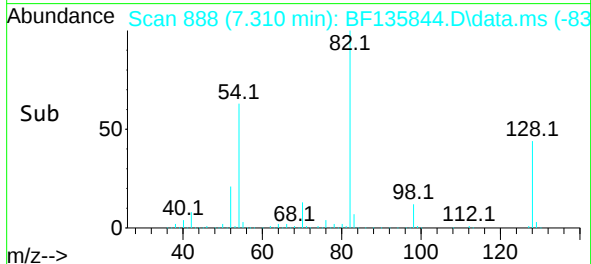
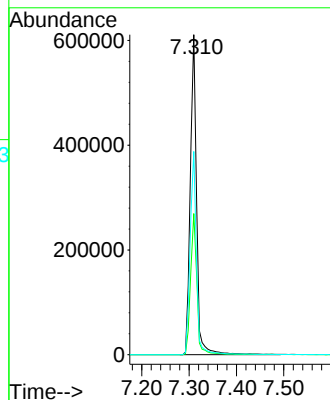
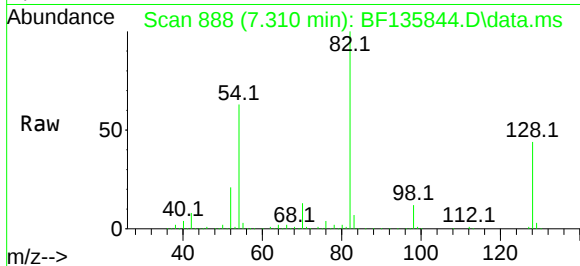




#23
Nitrobenzene-d5
Concen: 96.257 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135844.D
Acq: 18 Oct 2023 13:32

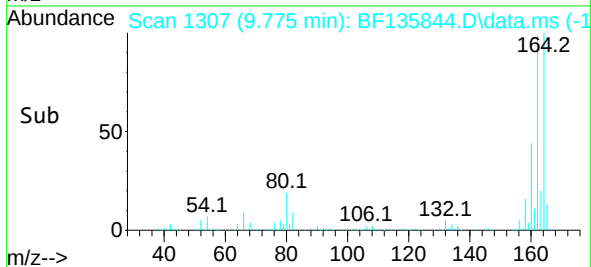
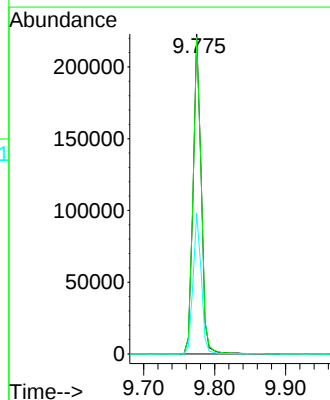
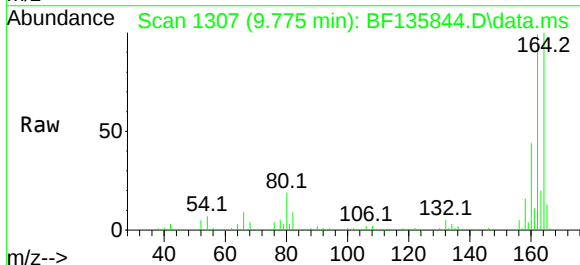
Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 82 Resp: 564413
Ion Ratio Lower Upper
82 100
128 44.1 37.0 55.6
54 63.5 52.8 79.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135844.D
Acq: 18 Oct 2023 13:32

Tgt Ion:164 Resp: 176966
Ion Ratio Lower Upper
164 100
162 99.0 80.8 121.2
160 43.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 169.131 ng

RT: 10.580 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF135844.D

Acq: 18 Oct 2023 13:32

Instrument :

BNA_F

ClientSampleId :

WC-1

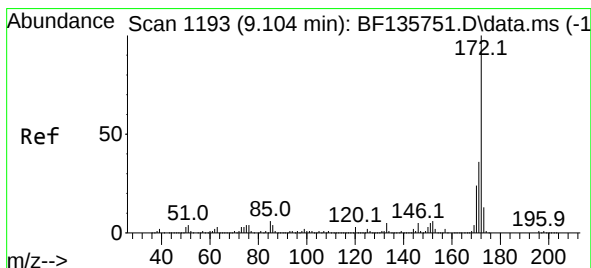
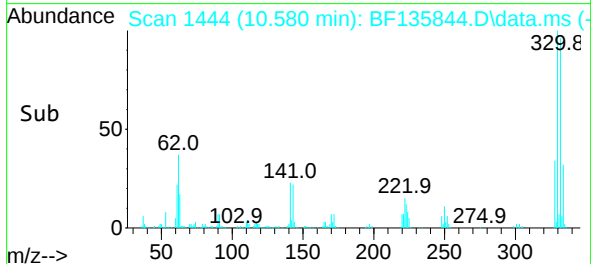
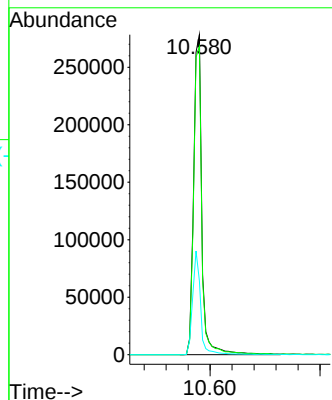
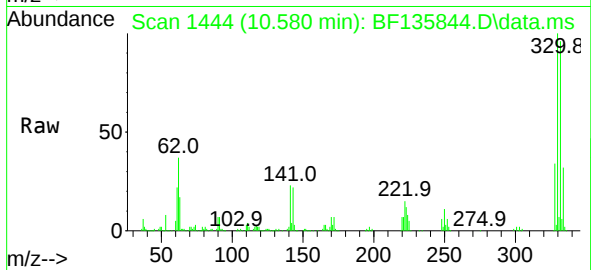
Tgt Ion:330 Resp: 287206

Ion Ratio Lower Upper

330 100

332 95.7 75.0 112.4

141 31.3 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 89.791 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135844.D

Acq: 18 Oct 2023 13:32

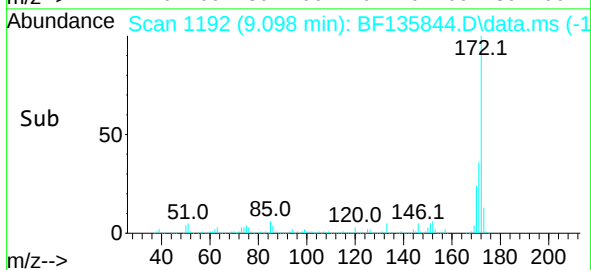
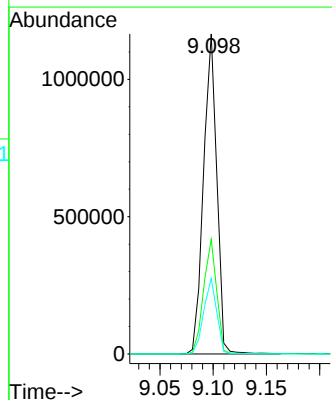
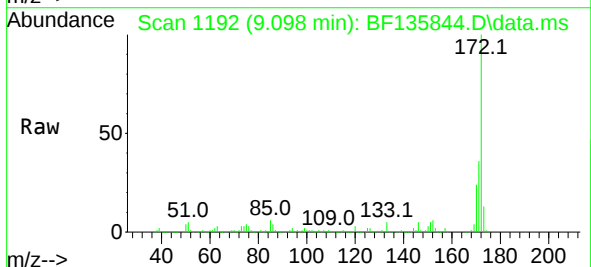
Tgt Ion:172 Resp: 1016296

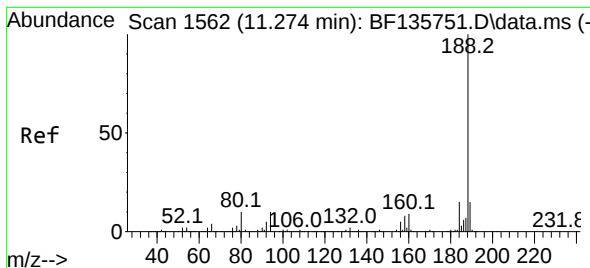
Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.6 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.274 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135844.D

Acq: 18 Oct 2023 13:32

Instrument :

BNA_F

ClientSampleId :

WC-1

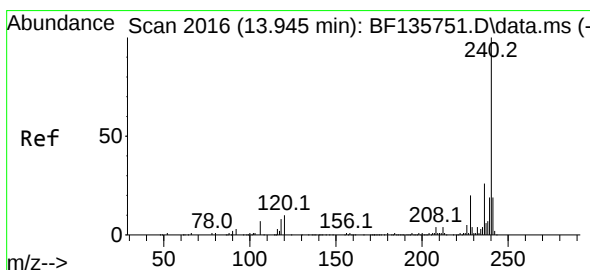
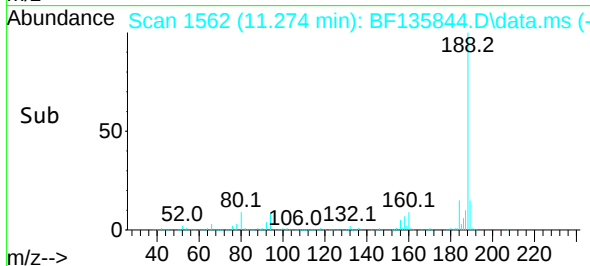
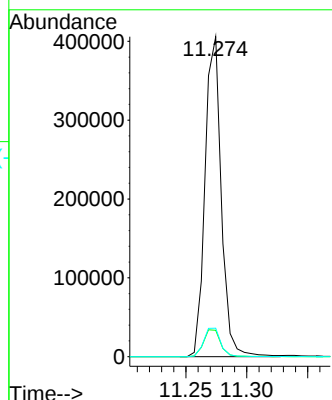
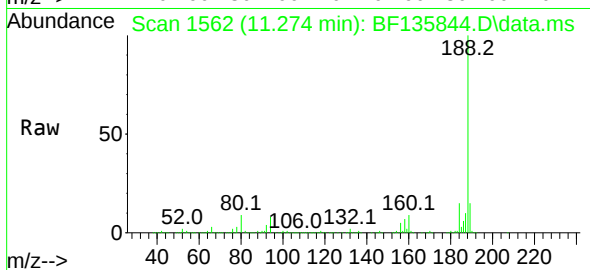
Tgt Ion:188 Resp: 375199

Ion Ratio Lower Upper

188 100

94 8.2 8.0 12.0

80 8.9 8.3 12.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF135844.D

Acq: 18 Oct 2023 13:32

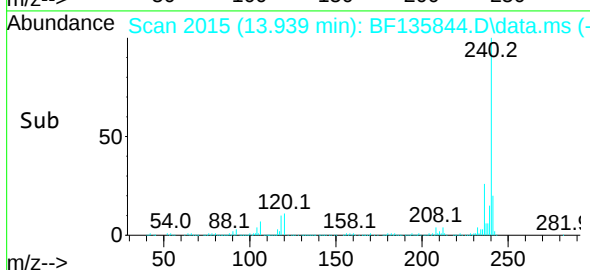
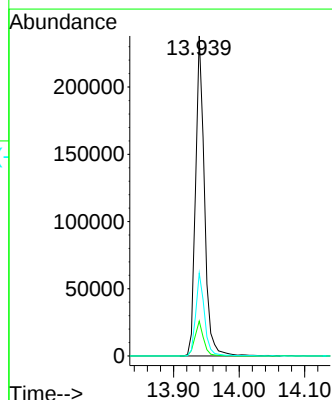
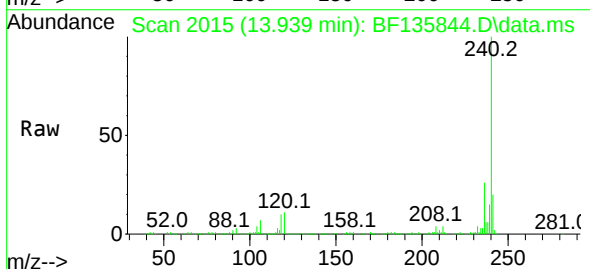
Tgt Ion:240 Resp: 224058

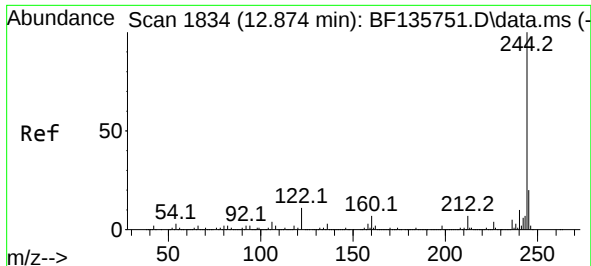
Ion Ratio Lower Upper

240 100

120 10.9 8.2 12.2

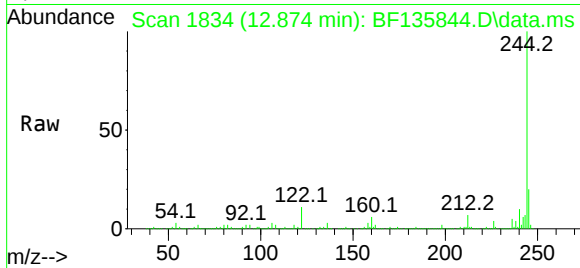
236 25.9 21.2 31.8



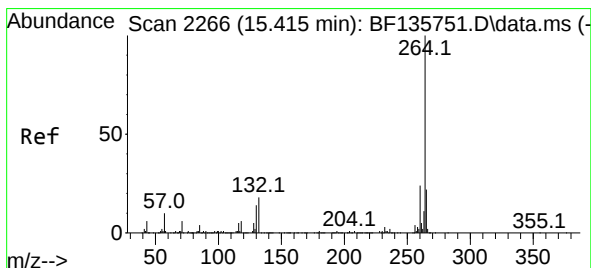
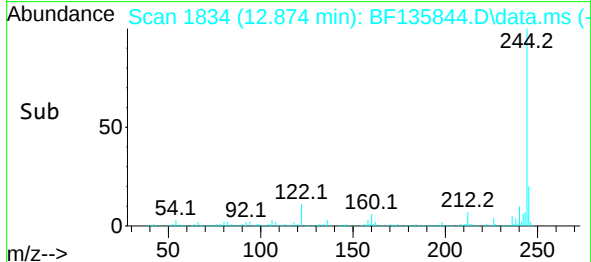
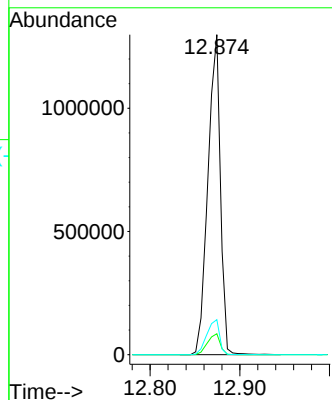


#79
 Terphenyl-d14
 Concen: 103.612 ng
 RT: 12.874 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135844.D
 Acq: 18 Oct 2023 13:32

Instrument :
 BNA_F
 ClientSampleId :
 WC-1



Tgt Ion:244 Resp: 1253575
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 11.0 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.000 min
 Lab File: BF135844.D
 Acq: 18 Oct 2023 13:32

Tgt Ion:264 Resp: 180654
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 20.1 17.4 26.2

