

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135847.D
 Acq On : 18 Oct 2023 15:05
 Operator : CG\JU
 Sample : 04724-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Oct 18 15:24:16 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	6.740	152	85759	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	307337	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	169360	20.000	ng	-0.01
64) Phenanthrene-d10	11.275	188	333296	20.000	ng	0.00
76) Chrysene-d12	13.939	240	180182	20.000	ng	-0.01
86) Perylene-d12	15.421	264	155234	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	330018	61.870	ng	0.00
7) Phenol-d6	6.398	99	270859	40.697	ng	0.00
23) Nitrobenzene-d5	7.310	82	653509	116.948	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	285526	175.693	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1076907	99.419	ng	0.00
79) Terphenyl-d14	12.874	244	1208777	124.238	ng	0.00

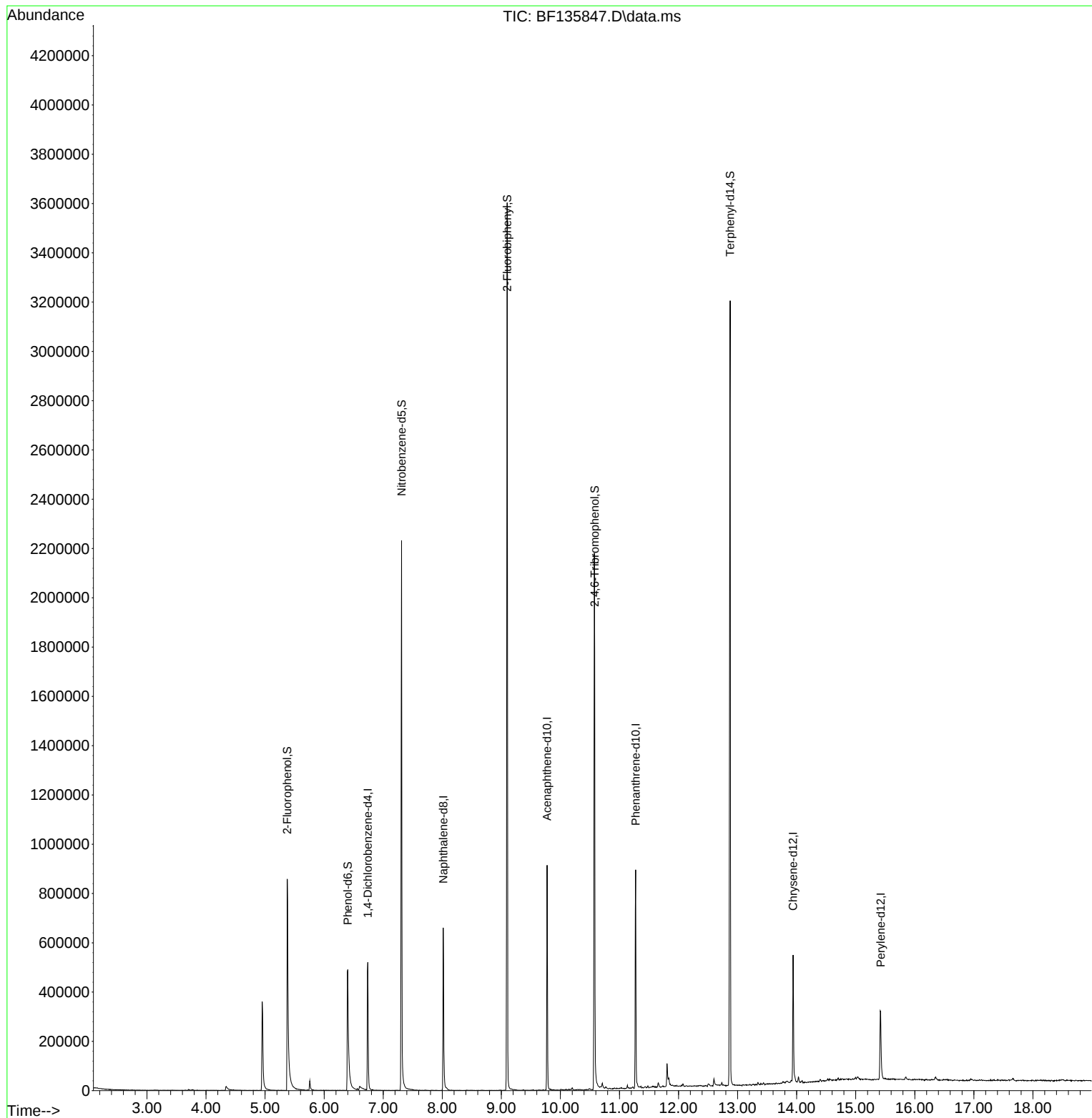
Target Compounds	Qvalue

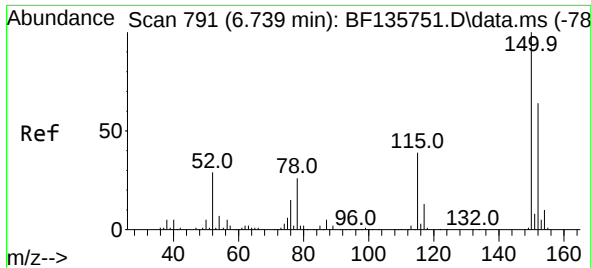
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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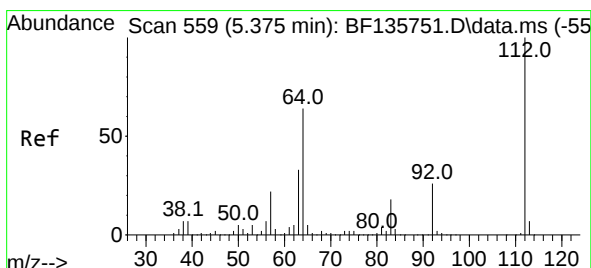
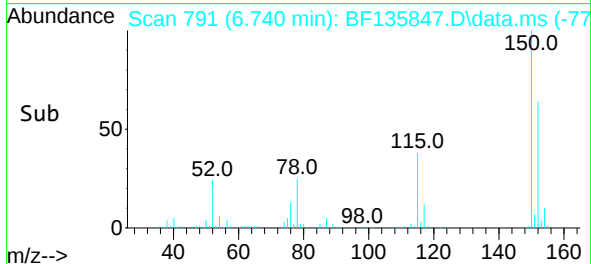
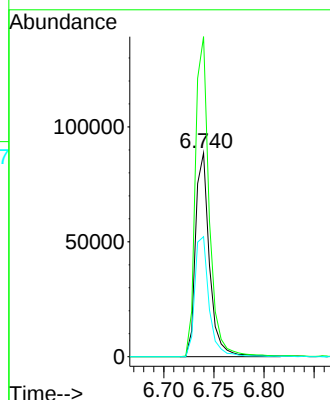
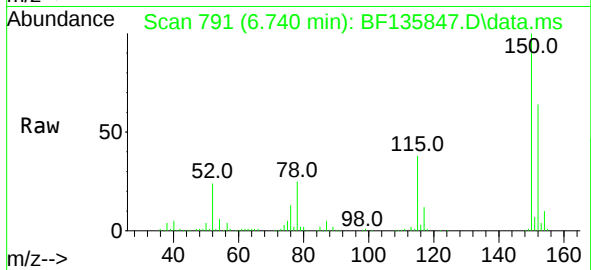




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.740 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF135847.D
 Acq: 18 Oct 2023 15:05

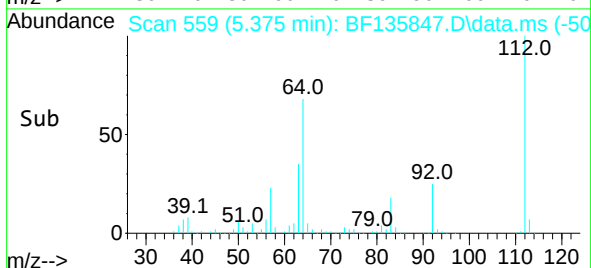
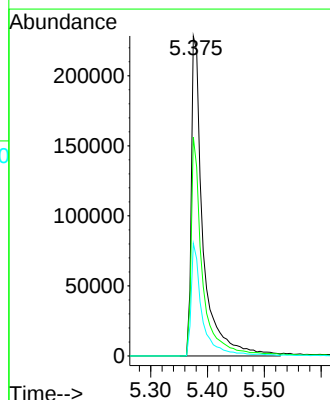
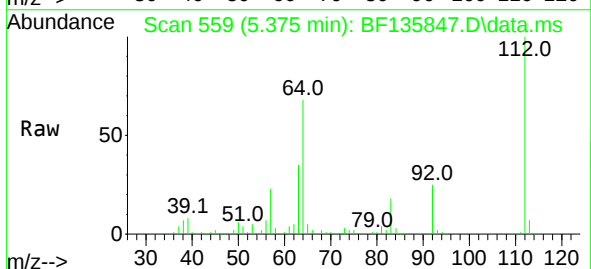
Instrument :
 BNA_F
 ClientSampleId :
 MW-4

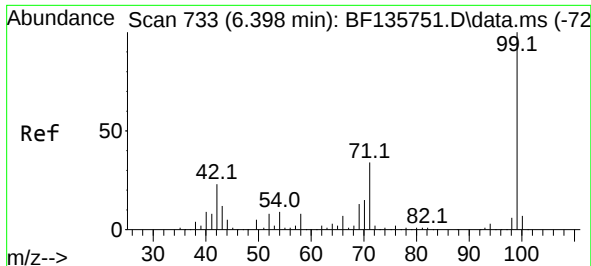
Tgt Ion:152 Resp: 85759
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.5 186.7
 115 58.9 49.0 73.4



#5
 2-Fluorophenol
 Concen: 61.870 ng
 RT: 5.375 min Scan# 559
 Delta R.T. -0.000 min
 Lab File: BF135847.D
 Acq: 18 Oct 2023 15:05

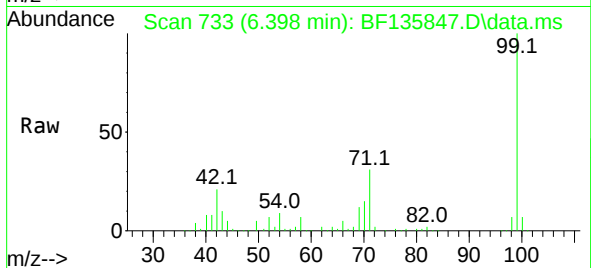
Tgt Ion:112 Resp: 330018
 Ion Ratio Lower Upper
 112 100
 64 68.4 51.2 76.8
 63 35.2 26.1 39.1





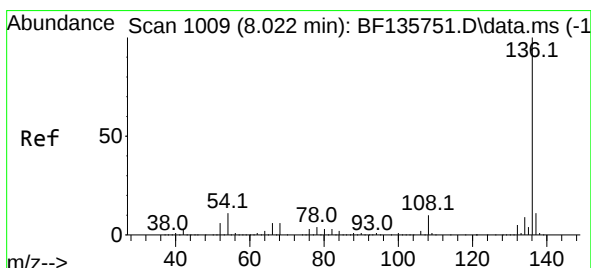
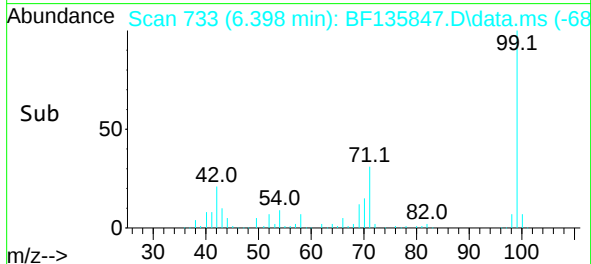
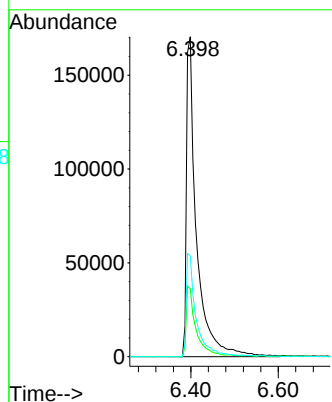
#7
Phenol-d6
Concen: 40.697 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135847.D
Acq: 18 Oct 2023 15:05

Instrument :
BNA_F
ClientSampleId :
MW-4



Tgt Ion: 99 Resp: 270859

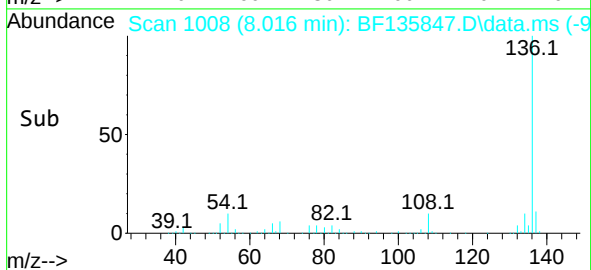
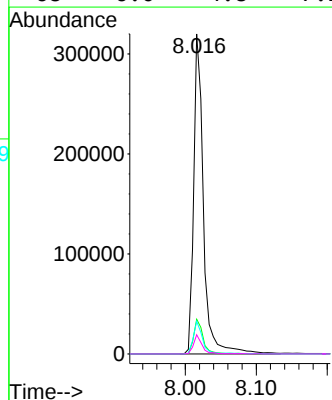
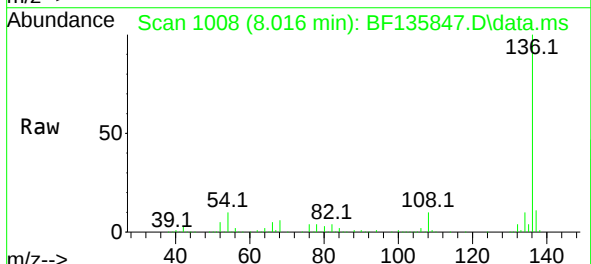
Ion	Ratio	Lower	Upper
99	100		
42	21.3	18.4	27.6
71	31.4	27.2	40.8

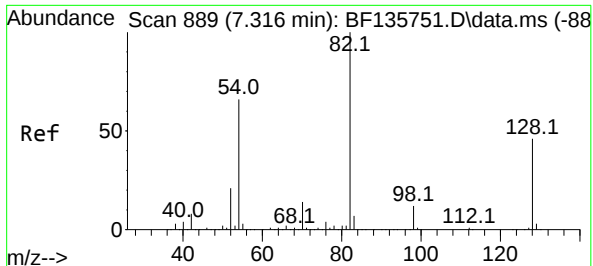


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135847.D
Acq: 18 Oct 2023 15:05

Tgt Ion: 136 Resp: 307337

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.2	8.5	12.7
68	6.0	4.8	7.2





#23

Nitrobenzene-d5

Concen: 116.948 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135847.D

Acq: 18 Oct 2023 15:05

Instrument :

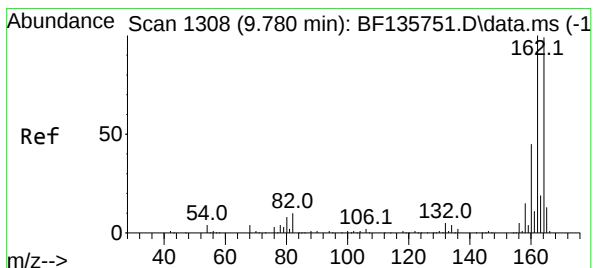
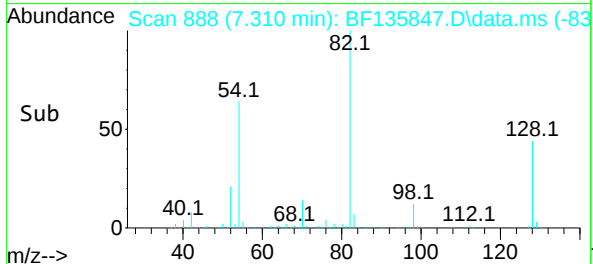
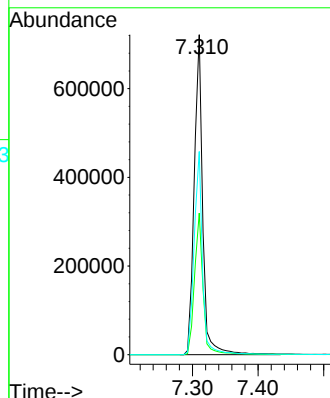
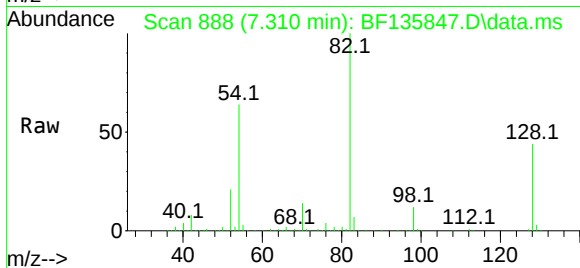
BNA_F

ClientSampleId :

MW-4

Tgt Ion: 82 Resp: 653509

Ion	Ratio	Lower	Upper
82	100		
128	44.2	37.0	55.6
54	63.5	52.8	79.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

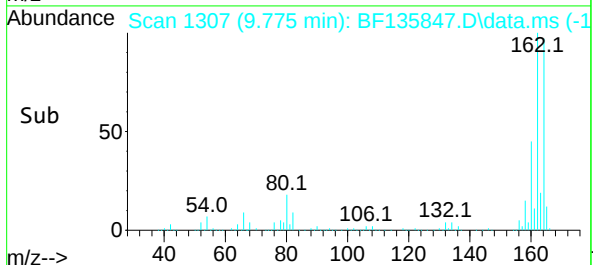
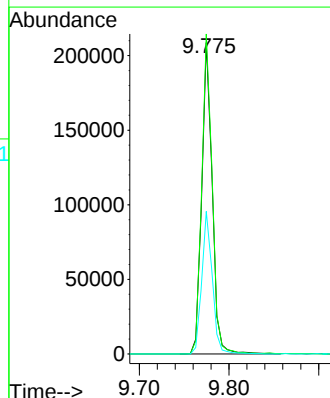
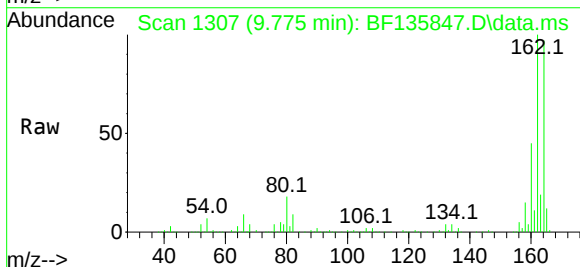
Delta R.T. -0.012 min

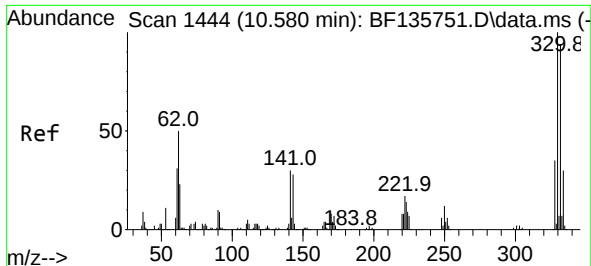
Lab File: BF135847.D

Acq: 18 Oct 2023 15:05

Tgt Ion: 164 Resp: 169360

Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.8	121.2
160	45.8	36.6	54.8





#42

2,4,6-Tribromophenol

Concen: 175.693 ng

RT: 10.581 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF135847.D

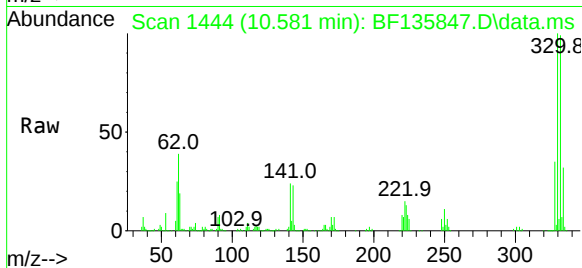
Acq: 18 Oct 2023 15:05

Instrument :

BNA_F

ClientSampleId :

MW-4



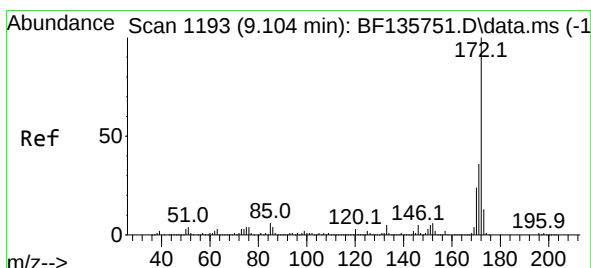
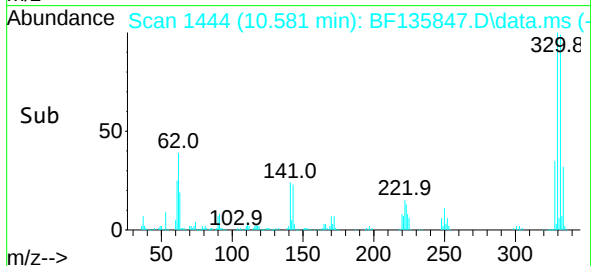
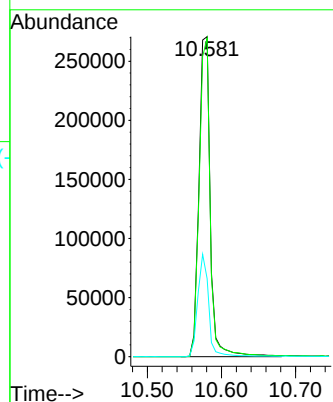
Tgt Ion:330 Resp: 285526

Ion Ratio Lower Upper

330 100

332 97.1 75.0 112.4

141 31.2 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 99.419 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135847.D

Acq: 18 Oct 2023 15:05

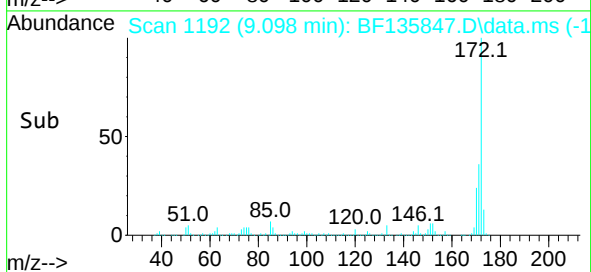
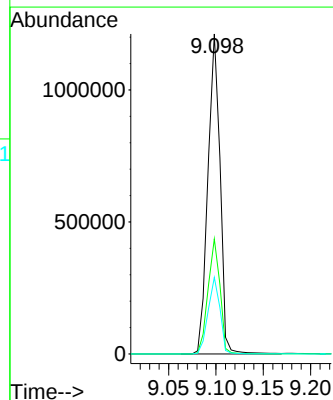
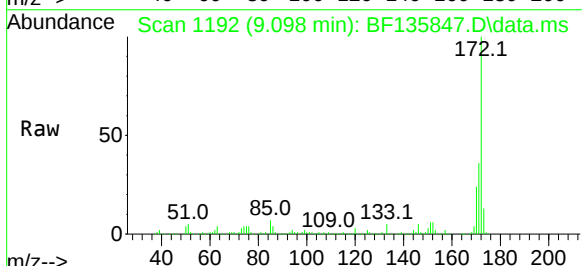
Tgt Ion:172 Resp: 1076907

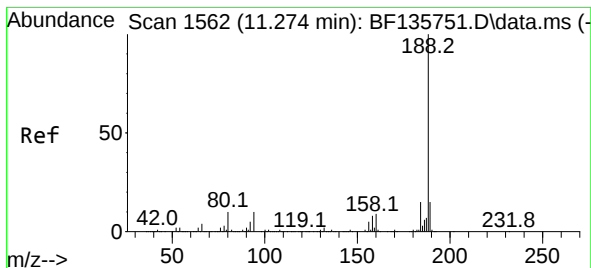
Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 23.9 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.275 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135847.D

Acq: 18 Oct 2023 15:05

Instrument :

BNA_F

ClientSampleId :

MW-4

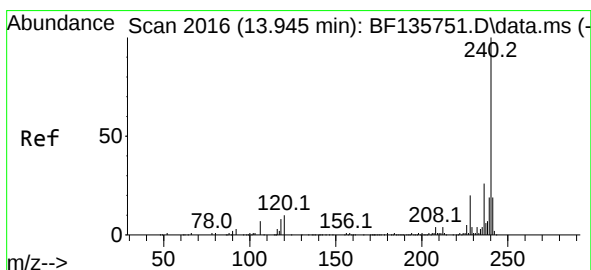
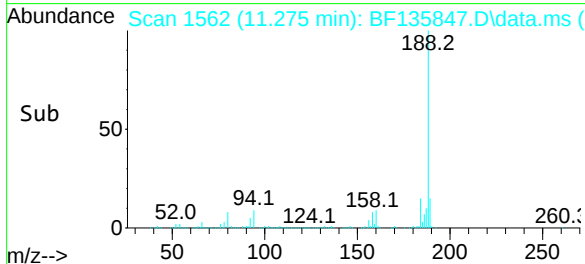
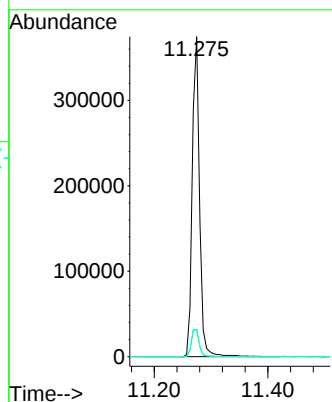
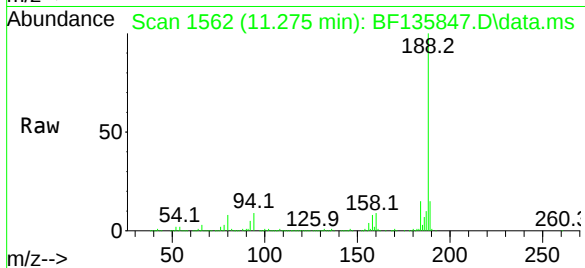
Tgt Ion:188 Resp: 333296

Ion Ratio Lower Upper

188 100

94 8.6 8.0 12.0

80 8.4 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: BF135847.D

Acq: 18 Oct 2023 15:05

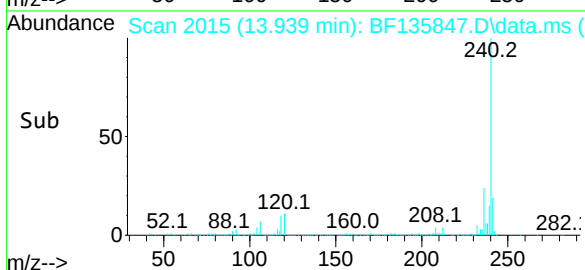
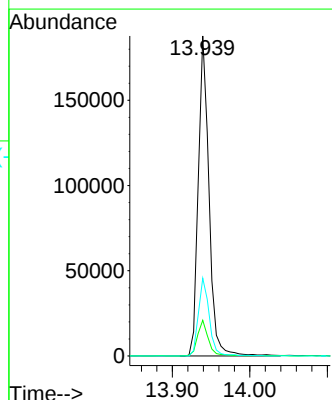
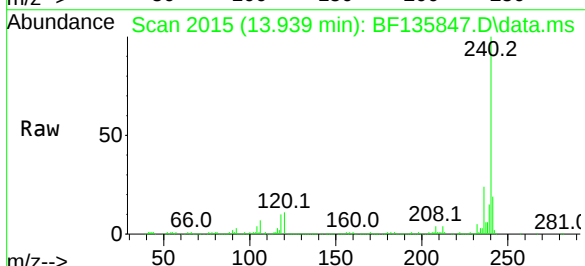
Tgt Ion:240 Resp: 180182

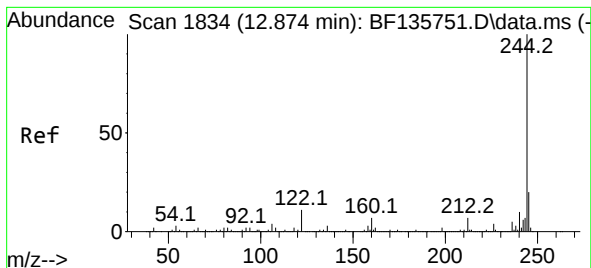
Ion Ratio Lower Upper

240 100

120 11.2 8.2 12.2

236 24.3 21.2 31.8





#79

Terphenyl-d14

Concen: 124.238 ng

RT: 12.874 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135847.D

Acq: 18 Oct 2023 15:05

Instrument :

BNA_F

ClientSampleId :

MW-4

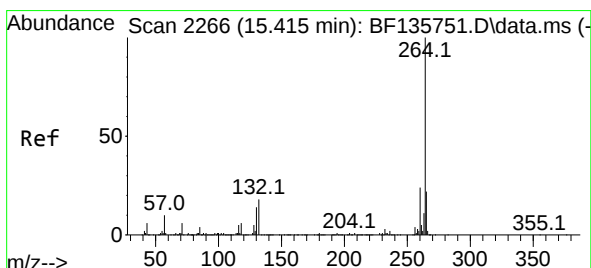
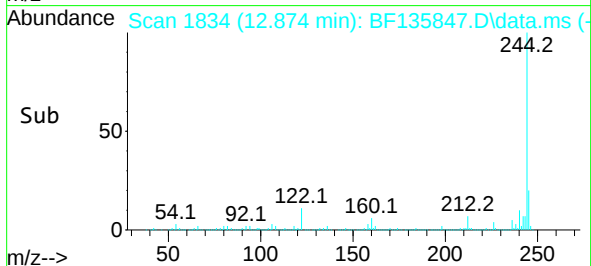
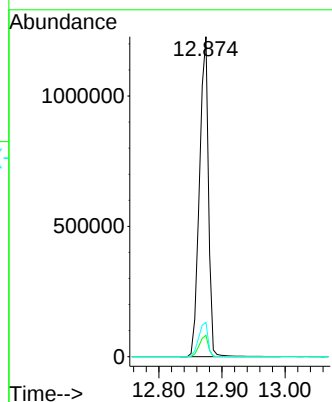
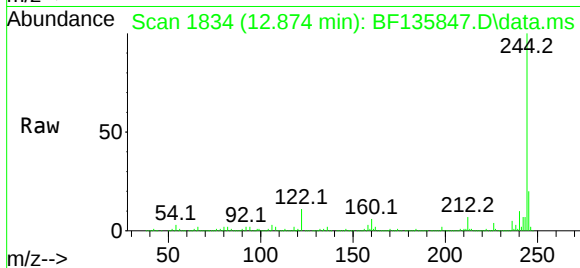
Tgt Ion:244 Resp: 1208777

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 10.7 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: BF135847.D

Acq: 18 Oct 2023 15:05

Tgt Ion:264 Resp: 155234

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.7 17.4 26.2

