

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136015.D
 Acq On : 28 Oct 2023 20:15
 Operator : CG\JU
 Sample : 05089-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-WC-1

Quant Time: Oct 30 00:30:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	151650	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	584097	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	293553	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	536039	20.000	ng	0.00
76) Chrysene-d12	14.004	240	330283	20.000	ng	0.00
86) Perylene-d12	15.492	264	334437	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	709679	72.263	ng	0.00
7) Phenol-d6	6.451	99	959981	78.516	ng	0.00
23) Nitrobenzene-d5	7.386	82	604883	68.962	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	193573	75.336	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1157819	63.156	ng	0.00
79) Terphenyl-d14	12.951	244	1314854	66.513	ng	0.00

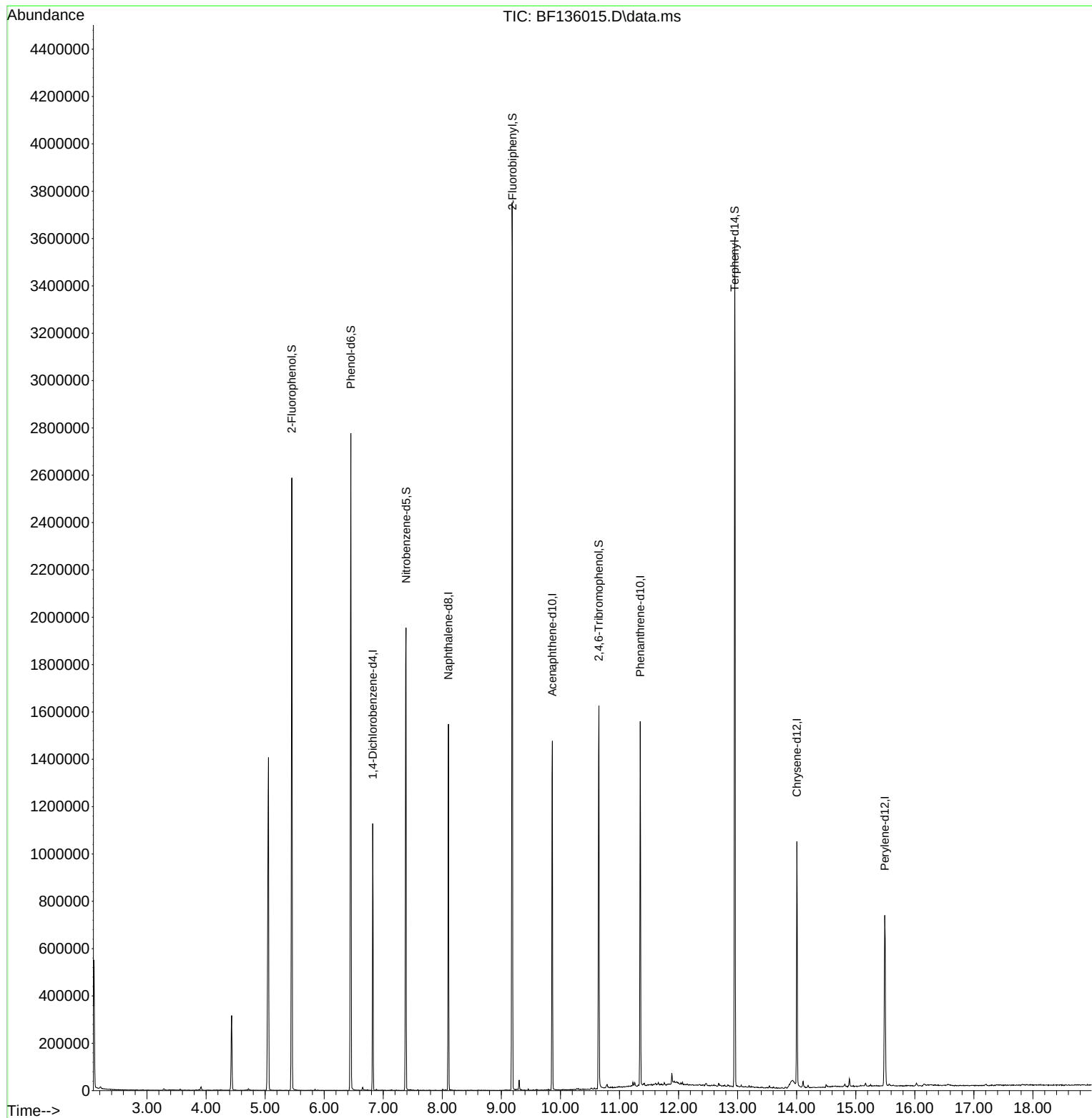
Target Compounds	Qvalue

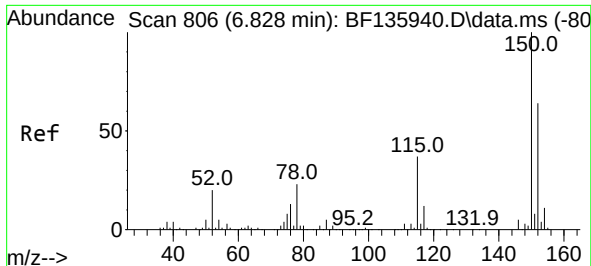
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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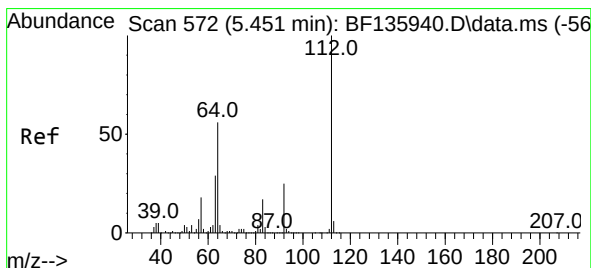
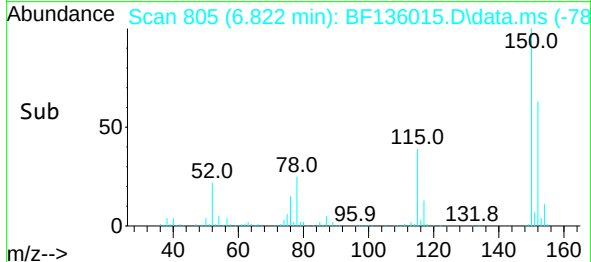
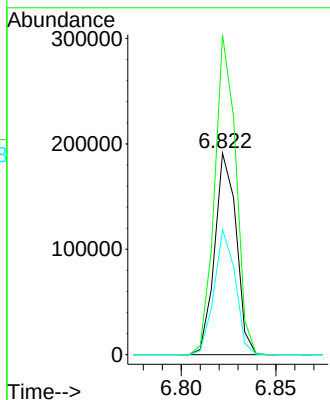
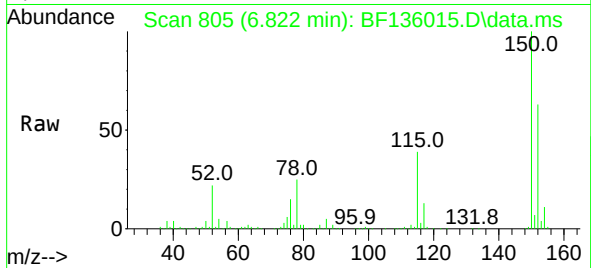




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136015.D
Acq: 28 Oct 2023 20:15

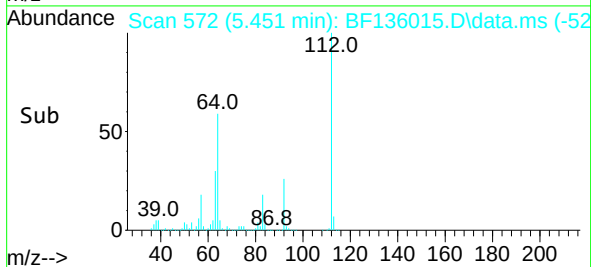
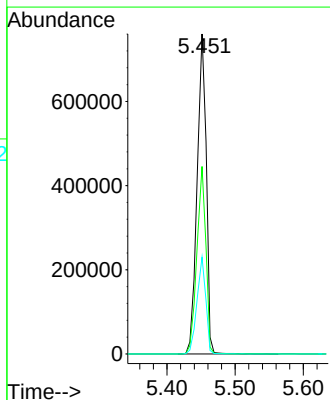
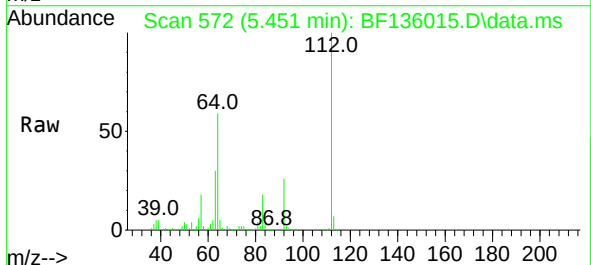
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

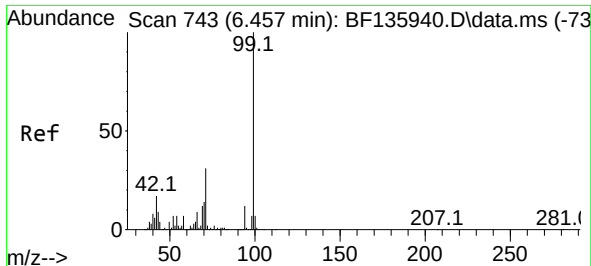
Tgt Ion:152 Resp: 151650
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 61.9 46.6 69.8



#5
2-Fluorophenol
Concen: 72.263 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.000 min
Lab File: BF136015.D
Acq: 28 Oct 2023 20:15

Tgt Ion:112 Resp: 709679
Ion Ratio Lower Upper
112 100
64 58.6 45.1 67.7
63 30.3 23.0 34.4

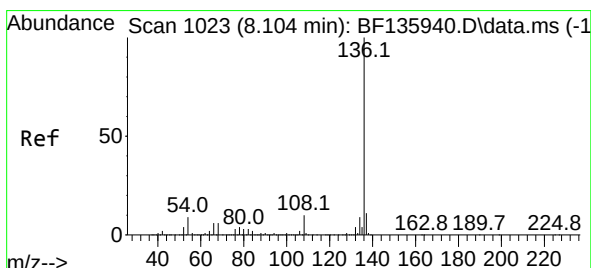
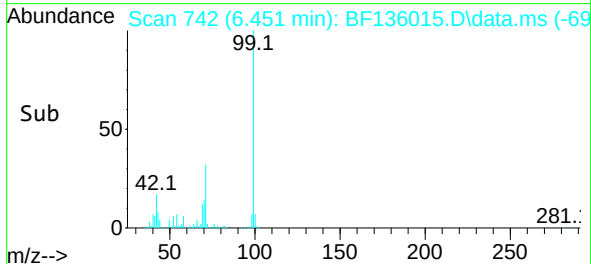
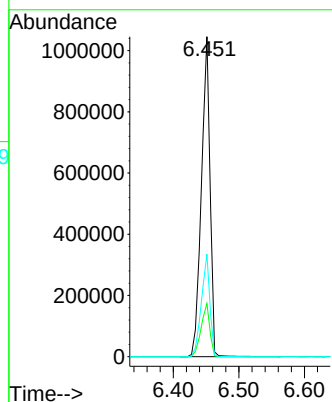
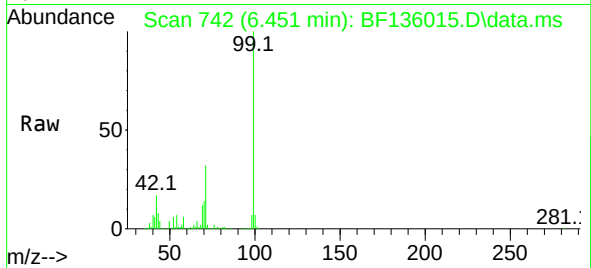




#7
Phenol-d6
Concen: 78.516 ng
RT: 6.451 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136015.D
Acq: 28 Oct 2023 20:15

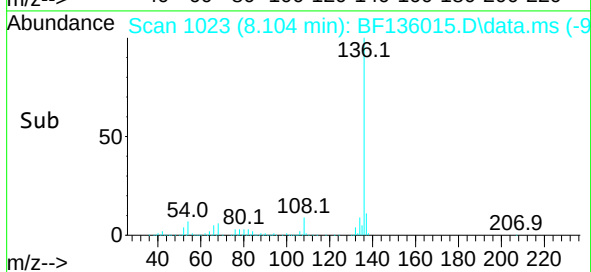
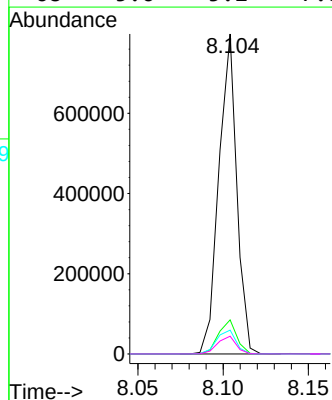
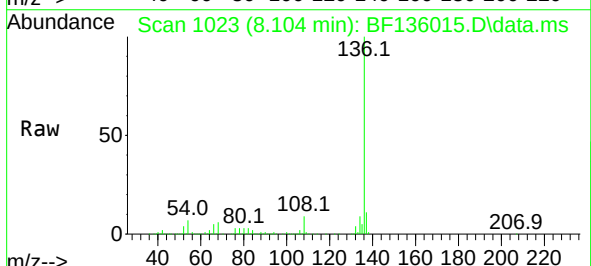
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

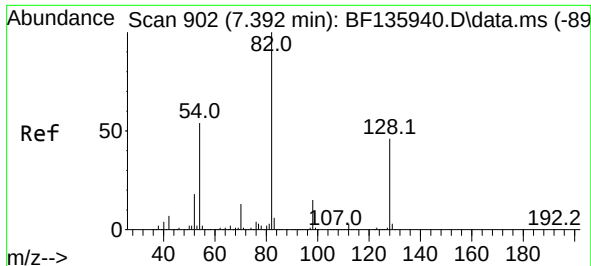
Tgt Ion: 99 Resp: 959981
Ion Ratio Lower Upper
99 100
42 16.6 13.8 20.8
71 32.0 25.1 37.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136015.D
Acq: 28 Oct 2023 20:15

Tgt Ion: 136 Resp: 584097
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 7.5 7.1 10.7
68 5.6 5.2 7.8





#23

Nitrobenzene-d5

Concen: 68.962 ng

RT: 7.386 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF136015.D

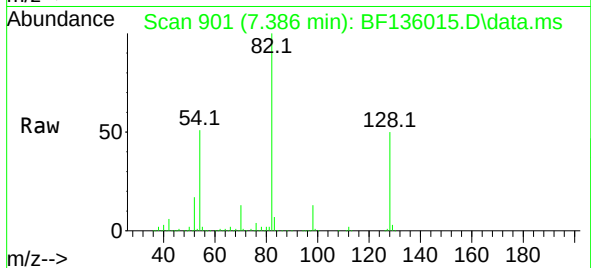
Acq: 28 Oct 2023 20:15

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1



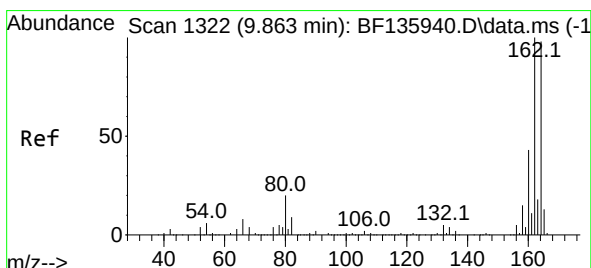
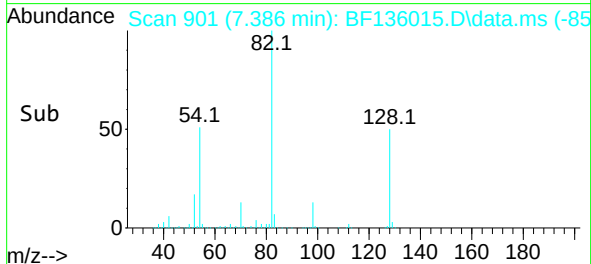
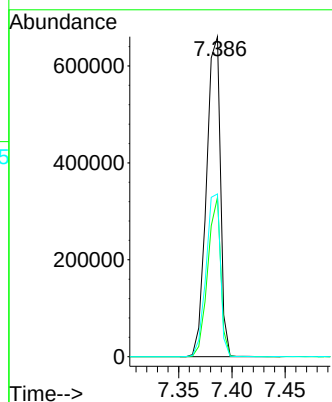
Tgt Ion: 82 Resp: 604883

Ion Ratio Lower Upper

82 100

128 49.8 36.8 55.2

54 50.8 43.4 65.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF136015.D

Acq: 28 Oct 2023 20:15

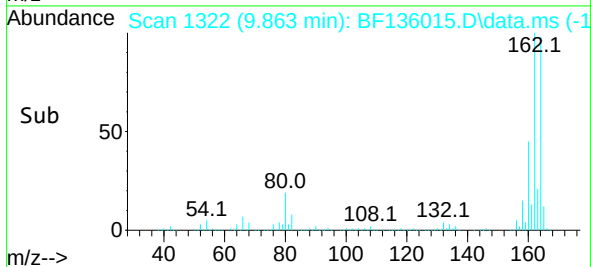
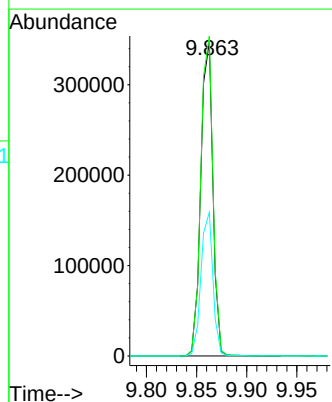
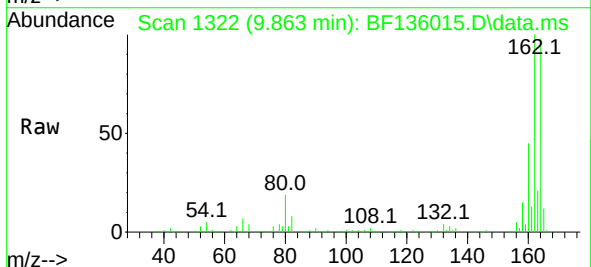
Tgt Ion:164 Resp: 293553

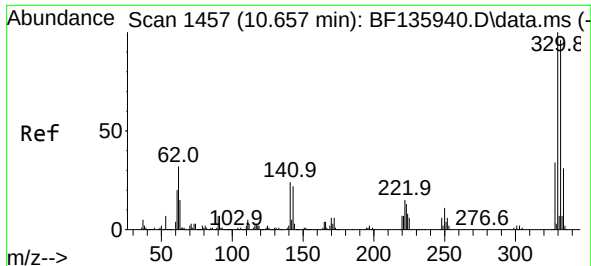
Ion Ratio Lower Upper

164 100

162 102.0 82.0 123.0

160 45.8 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 75.336 ng

RT: 10.651 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF136015.D

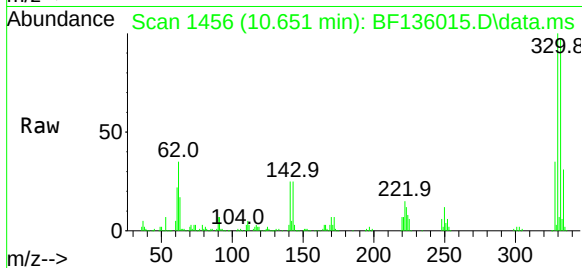
Acq: 28 Oct 2023 20:15

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1



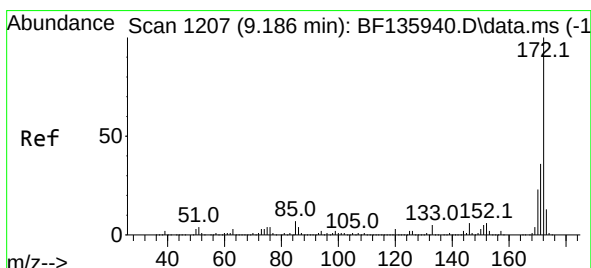
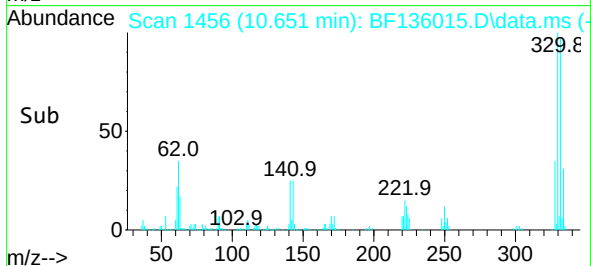
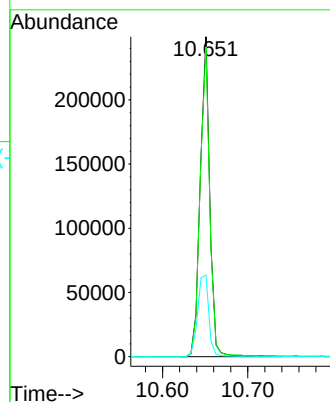
Tgt Ion:330 Resp: 193573

Ion Ratio Lower Upper

330 100

332 97.8 77.4 116.2

141 30.1 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 63.156 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF136015.D

Acq: 28 Oct 2023 20:15

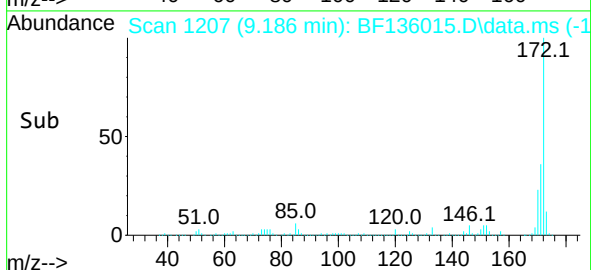
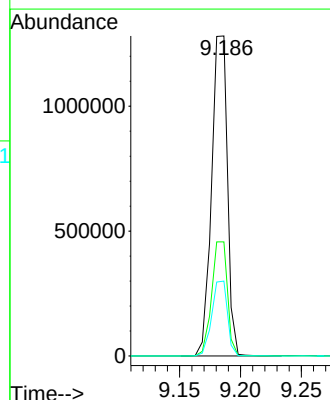
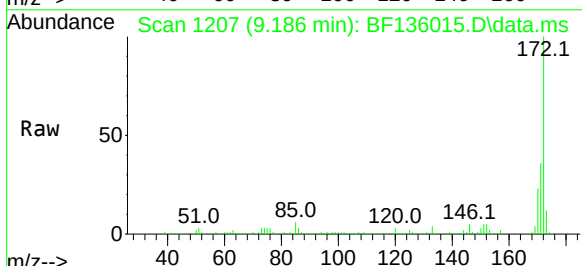
Tgt Ion:172 Resp: 1157819

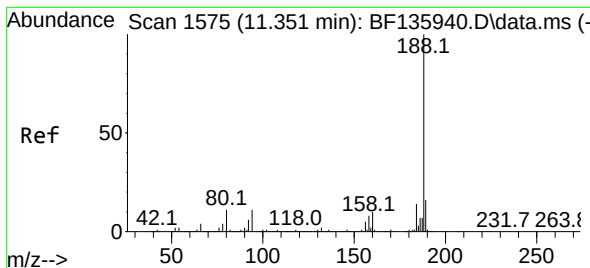
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.4 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136015.D

Acq: 28 Oct 2023 20:15

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

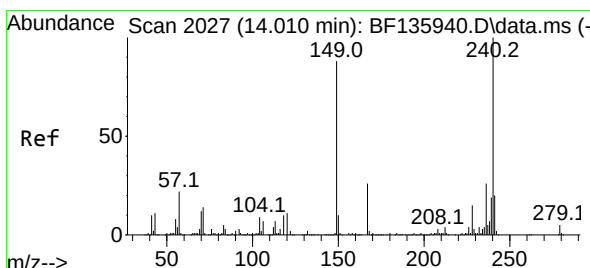
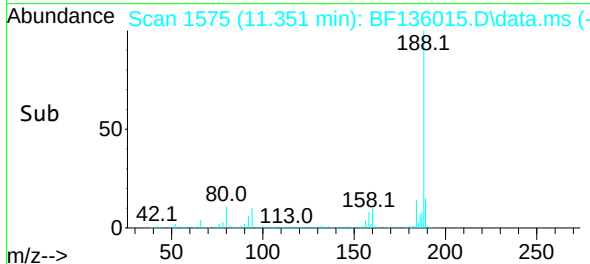
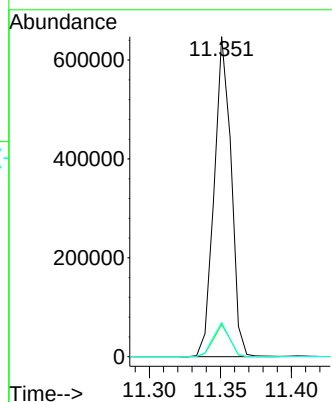
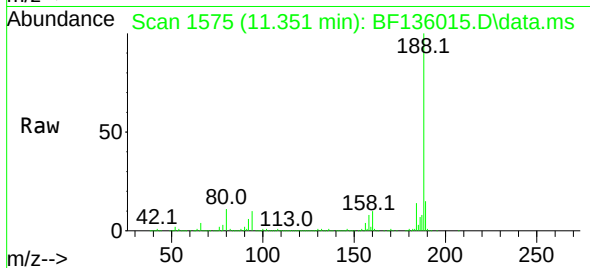
Tgt Ion:188 Resp: 536039

Ion Ratio Lower Upper

188 100

94 10.1 8.6 13.0

80 10.6 9.0 13.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF136015.D

Acq: 28 Oct 2023 20:15

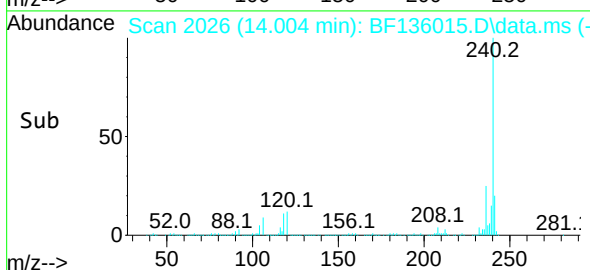
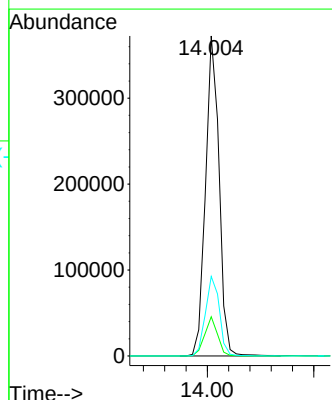
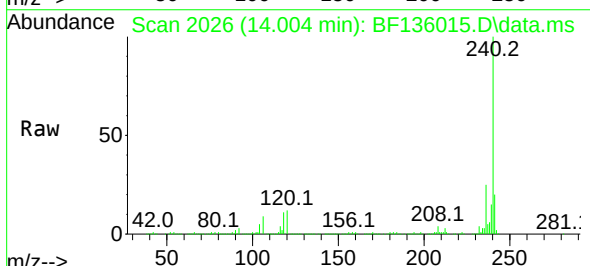
Tgt Ion:240 Resp: 330283

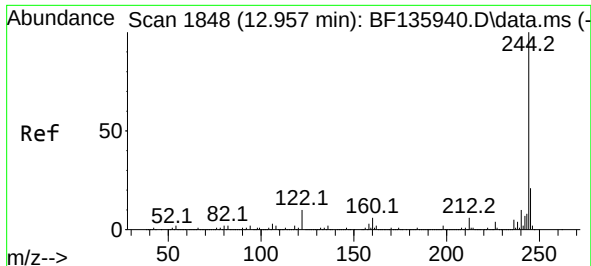
Ion Ratio Lower Upper

240 100

120 12.3 8.6 13.0

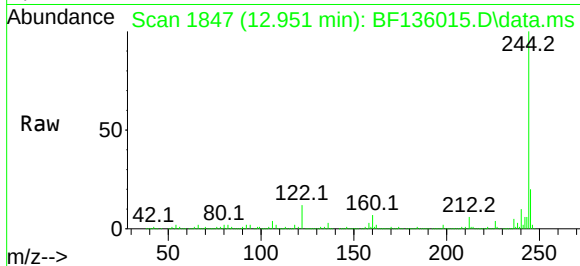
236 24.8 20.6 30.8



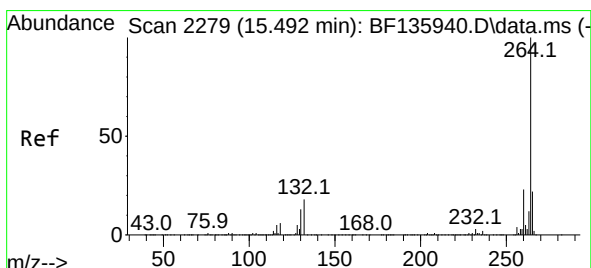
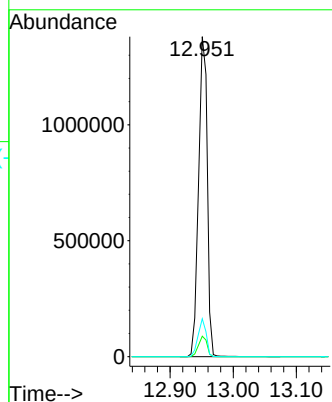
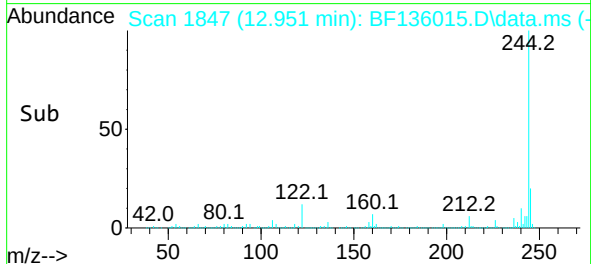


#79
 Terphenyl-d14
 Concen: 66.513 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136015.D
 Acq: 28 Oct 2023 20:15

Instrument :
 BNA_F
 ClientSampleId :
 CONC-WC-1



Tgt Ion:244 Resp: 1314854
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.6
 122 11.9 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.000 min
 Lab File: BF136015.D
 Acq: 28 Oct 2023 20:15

Tgt Ion:264 Resp: 334437
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 22.5 17.3 25.9

