

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
 Data File : BF136391.D
 Acq On : 04 Dec 2023 20:06
 Operator : CG\JU
 Sample : 05434-09 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5

Quant Time: Dec 05 00:36:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:30:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	115146	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	435770	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	197554	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	330200	20.000	ng	0.00
76) Chrysene-d12	13.980	240	281097	20.000	ng	0.00
86) Perylene-d12	15.462	264	214586	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	185741	22.452	ng	-0.01
7) Phenol-d6	6.434	99	227884	22.030	ng	-0.01
23) Nitrobenzene-d5	7.357	82	130818	15.864	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	50385	20.861	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	271248	17.538	ng	0.00
79) Terphenyl-d14	12.921	244	273499	11.223	ng	0.00

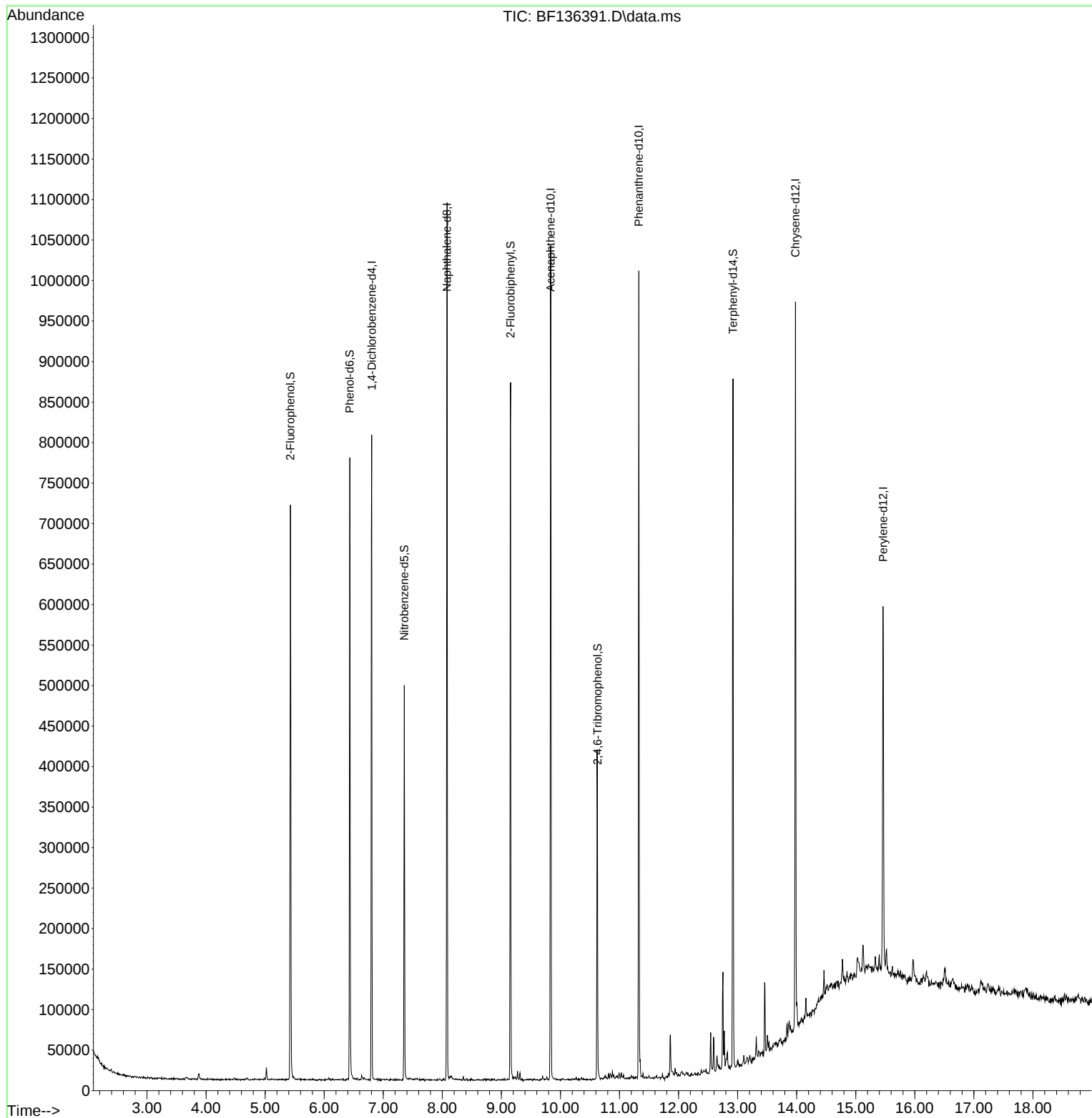
Target Compounds	Qvalue

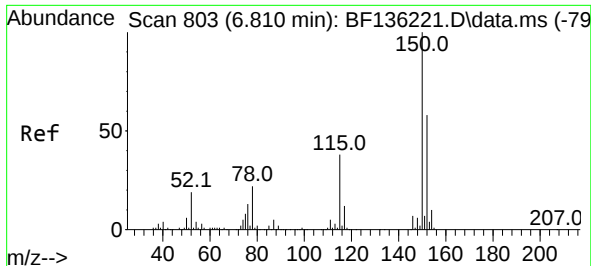
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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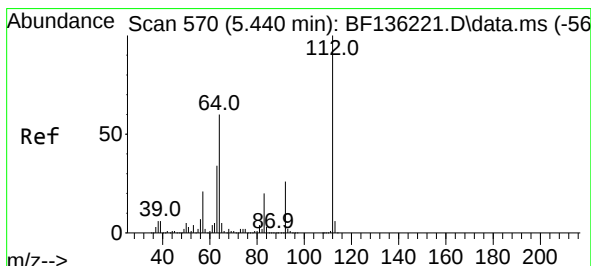
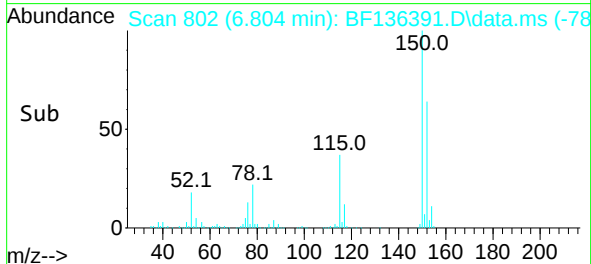
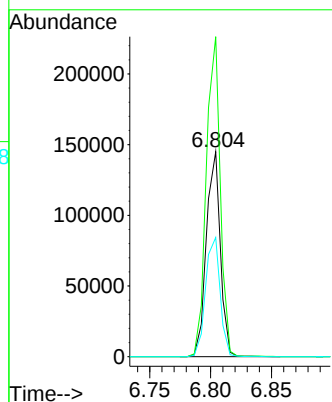
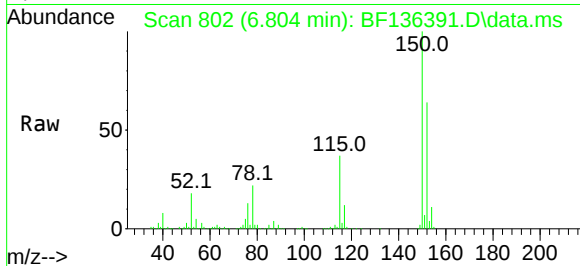




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF136391.D
Acq: 04 Dec 2023 20:06

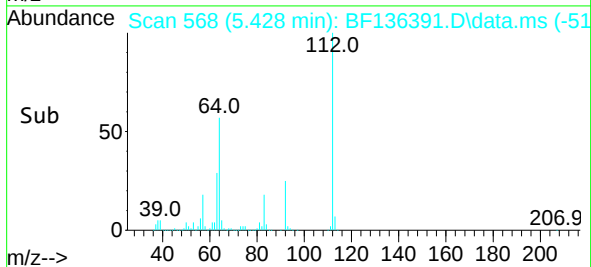
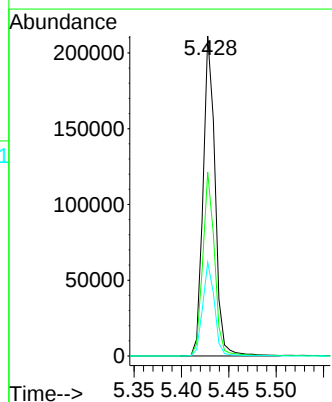
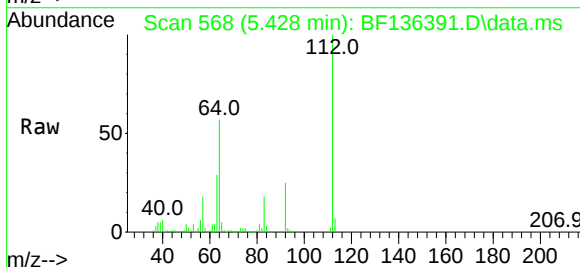
Instrument :
BNA_F
ClientSampleId :
COMP-5

Tgt Ion:152 Resp: 115146
Ion Ratio Lower Upper
152 100
150 156.1 137.8 206.8
115 58.1 52.7 79.1



#5
2-Fluorophenol
Concen: 22.452 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.012 min
Lab File: BF136391.D
Acq: 04 Dec 2023 20:06

Tgt Ion:112 Resp: 185741
Ion Ratio Lower Upper
112 100
64 57.4 48.2 72.4
63 29.3 27.0 40.6

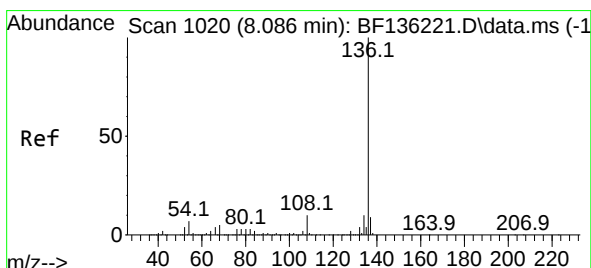
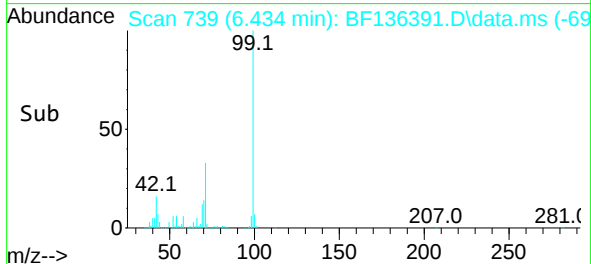
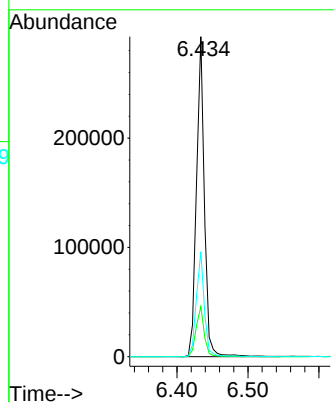
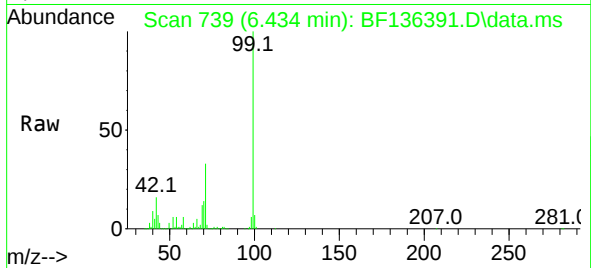




#7
Phenol-d6
Concen: 22.030 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136391.D
Acq: 04 Dec 2023 20:06

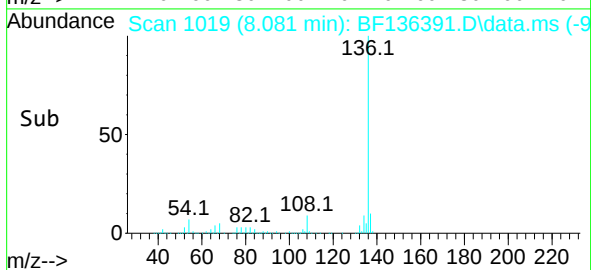
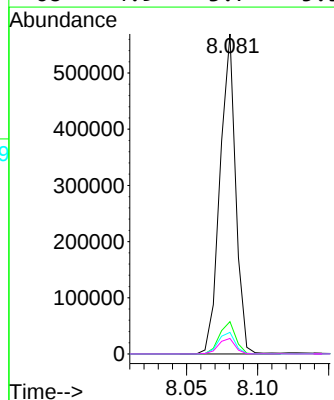
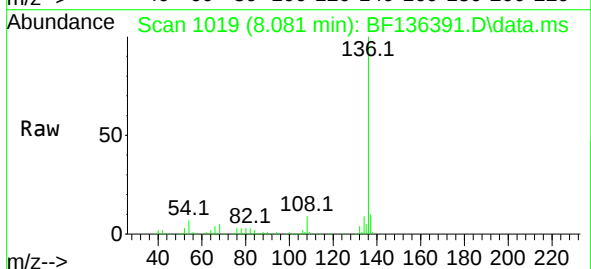
Instrument :
BNA_F
ClientSampleId :
COMP-5

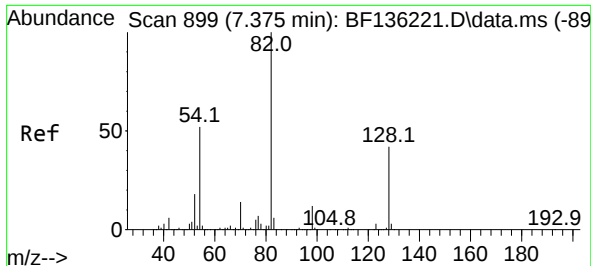
Tgt Ion: 99 Resp: 227884
Ion Ratio Lower Upper
99 100
42 15.6 15.0 22.6
71 32.8 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF136391.D
Acq: 04 Dec 2023 20:06

Tgt Ion: 136 Resp: 435770
Ion Ratio Lower Upper
136 100
137 10.1 7.4 11.2
54 6.8 5.5 8.3
68 4.9 3.7 5.5





#23

Nitrobenzene-d5

Concen: 15.864 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136391.D

Acq: 04 Dec 2023 20:06

Instrument :

BNA_F

ClientSampleId :

COMP-5

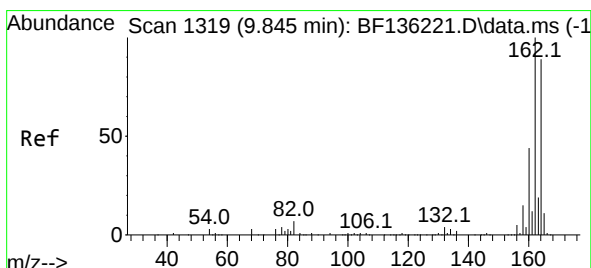
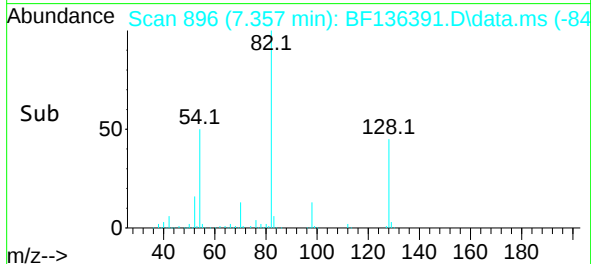
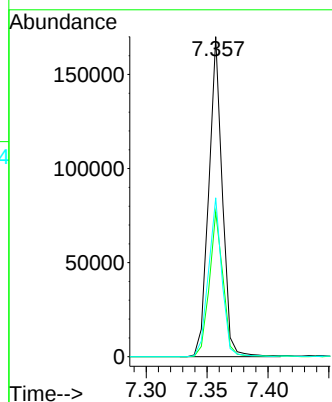
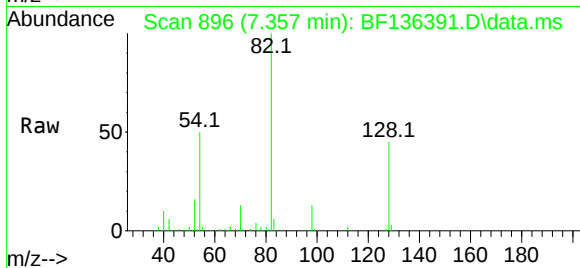
Tgt Ion: 82 Resp: 130818

Ion Ratio Lower Upper

82 100

128 45.2 33.4 50.2

54 49.7 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF136391.D

Acq: 04 Dec 2023 20:06

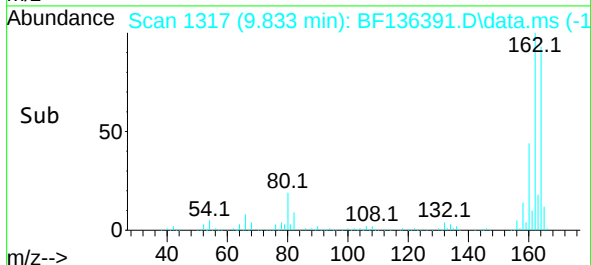
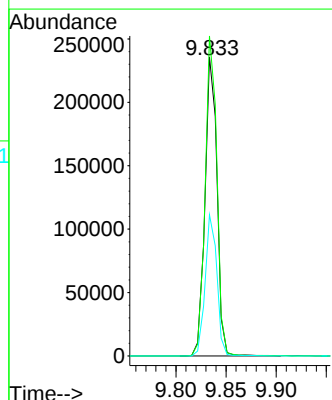
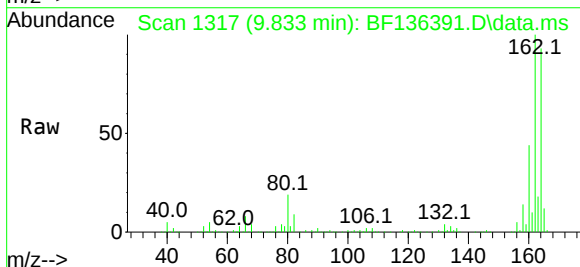
Tgt Ion:164 Resp: 197554

Ion Ratio Lower Upper

164 100

162 107.0 89.5 134.3

160 47.2 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 20.861 ng

RT: 10.627 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF136391.D

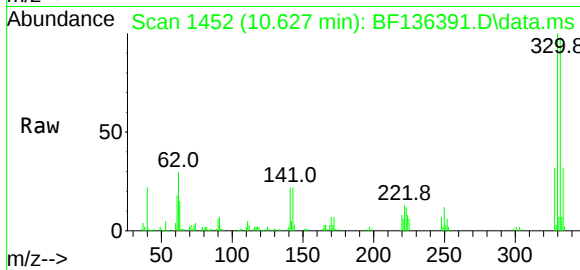
Acq: 04 Dec 2023 20:06

Instrument :

BNA_F

ClientSampleId :

COMP-5



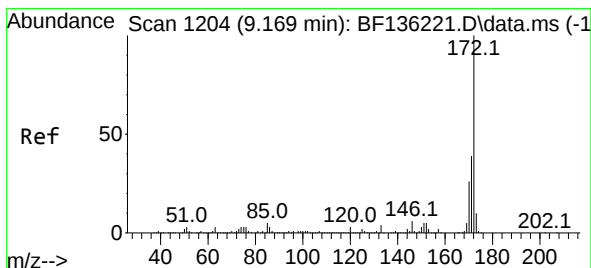
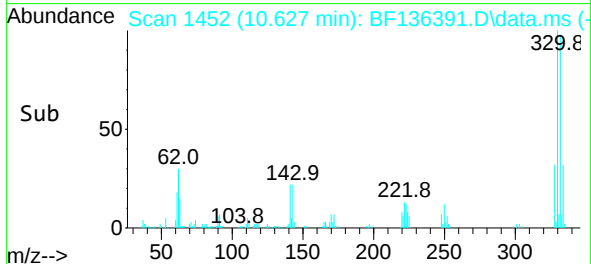
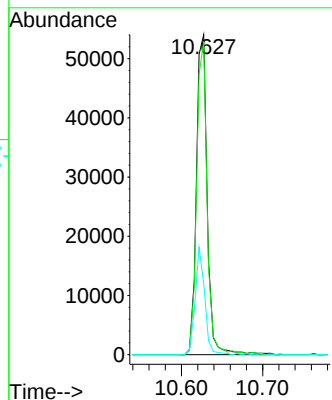
Tgt Ion:330 Resp: 50385

Ion Ratio Lower Upper

330 100

332 94.7 73.0 109.6

141 29.6 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 17.538 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF136391.D

Acq: 04 Dec 2023 20:06

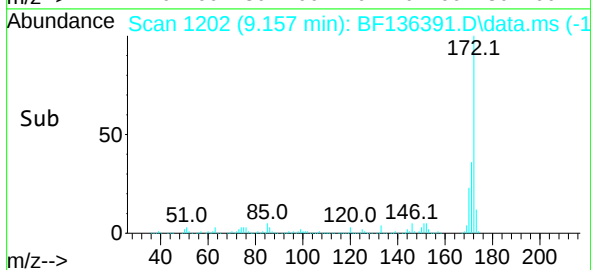
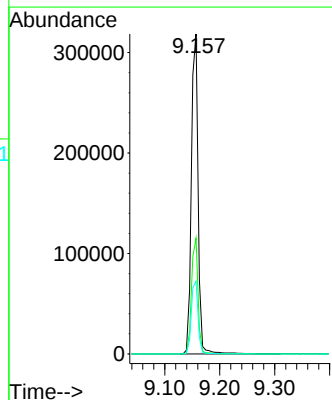
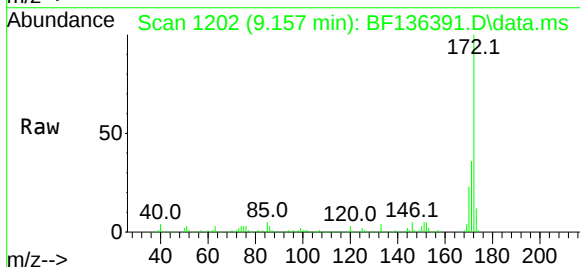
Tgt Ion:172 Resp: 271248

Ion Ratio Lower Upper

172 100

171 36.2 31.5 47.3

170 22.7 20.8 31.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136391.D

Acq: 04 Dec 2023 20:06

Instrument :

BNA_F

ClientSampleId :

COMP-5

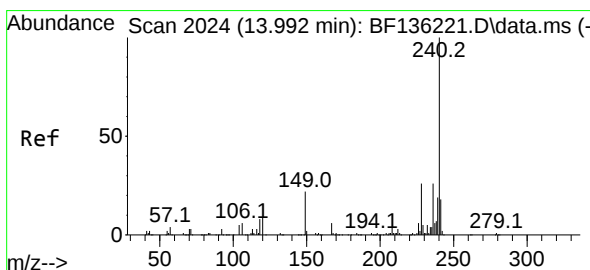
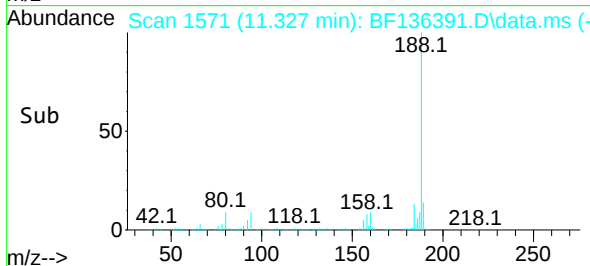
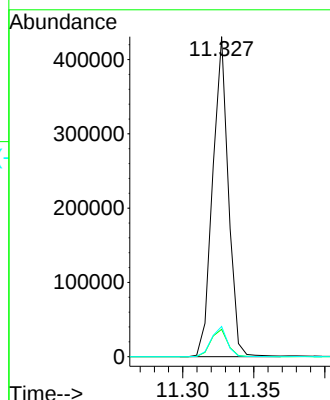
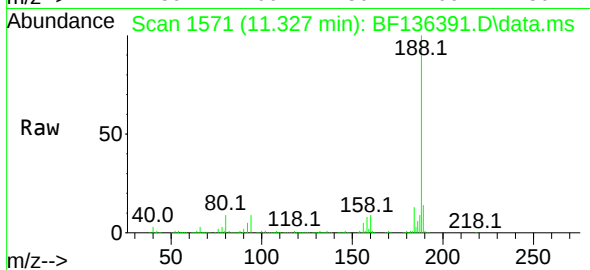
Tgt Ion:188 Resp: 330200

Ion Ratio Lower Upper

188 100

94 8.6 6.7 10.1

80 9.4 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136391.D

Acq: 04 Dec 2023 20:06

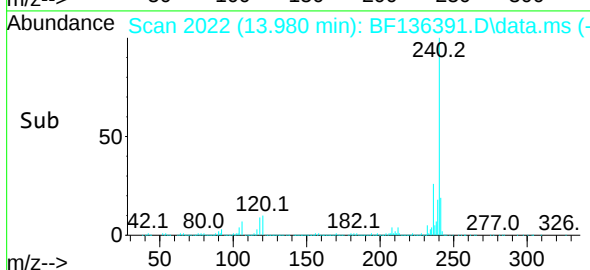
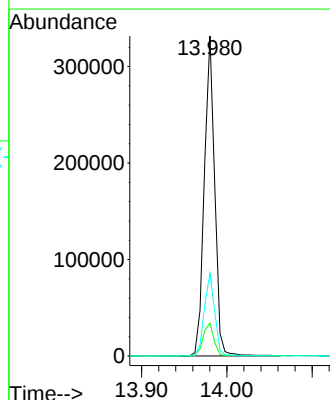
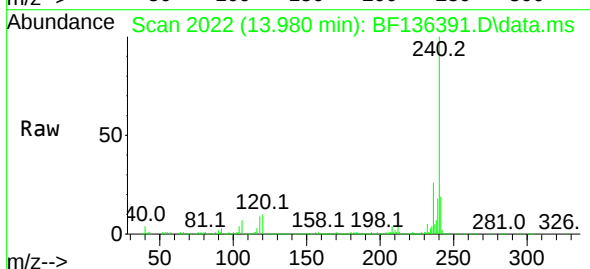
Tgt Ion:240 Resp: 281097

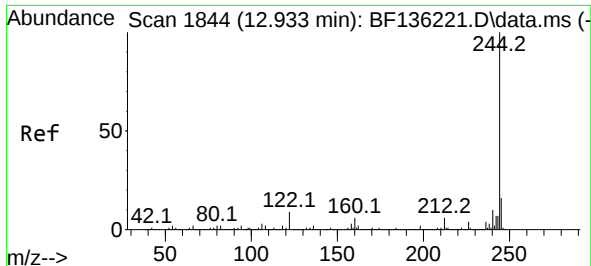
Ion Ratio Lower Upper

240 100

120 10.2 7.4 11.2

236 25.9 21.1 31.7

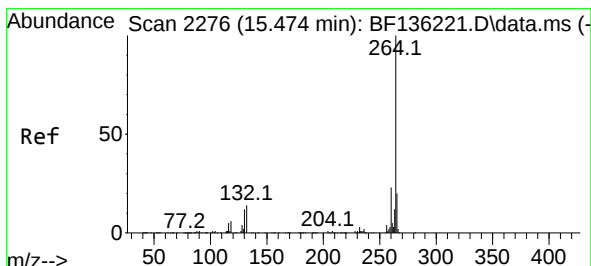
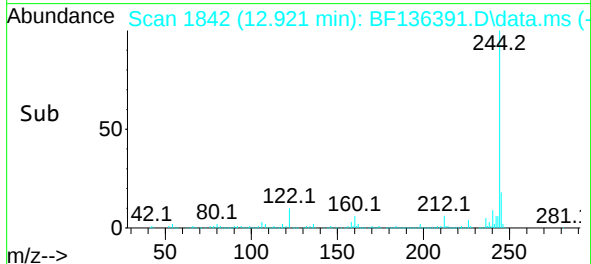
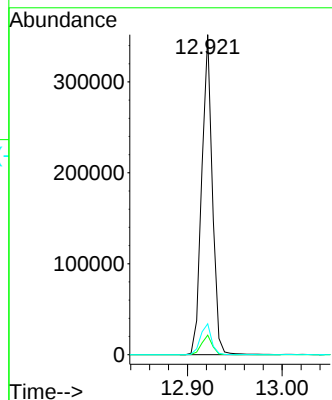
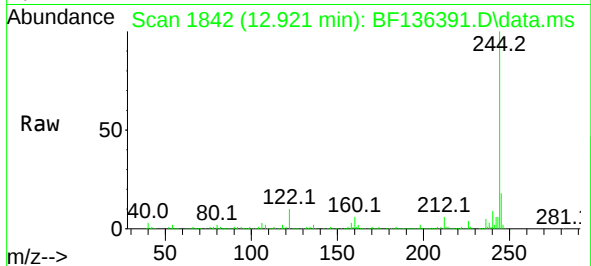




#79
 Terphenyl-d14
 Concen: 11.223 ng
 RT: 12.921 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136391.D
 Acq: 04 Dec 2023 20:06

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5

Tgt Ion:244 Resp: 273499
 Ion Ratio Lower Upper
 244 100
 212 6.1 4.6 7.0
 122 9.7 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. 0.006 min
 Lab File: BF136391.D
 Acq: 04 Dec 2023 20:06

Tgt Ion:264 Resp: 214586
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 22.2 15.7 23.5

