

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
 Data File : BF136550.D
 Acq On : 13 Dec 2023 21:51
 Operator : CG\JU
 Sample : 05760-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-2

Quant Time: Dec 14 01:45:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	83882	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	335049	20.000	ng	-0.01
39) Acenaphthene-d10	9.827	164	158580	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	250677	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	171992	20.000	ng	-0.01
86) Perylene-d12	15.451	264	191959	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	394437	69.445	ng	0.00
7) Phenol-d6	6.434	99	540454	76.265	ng	-0.01
23) Nitrobenzene-d5	7.357	82	363349	58.627	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	89533	45.790	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	768790	66.150	ng	-0.01
79) Terphenyl-d14	12.915	244	650610	49.859	ng	0.00

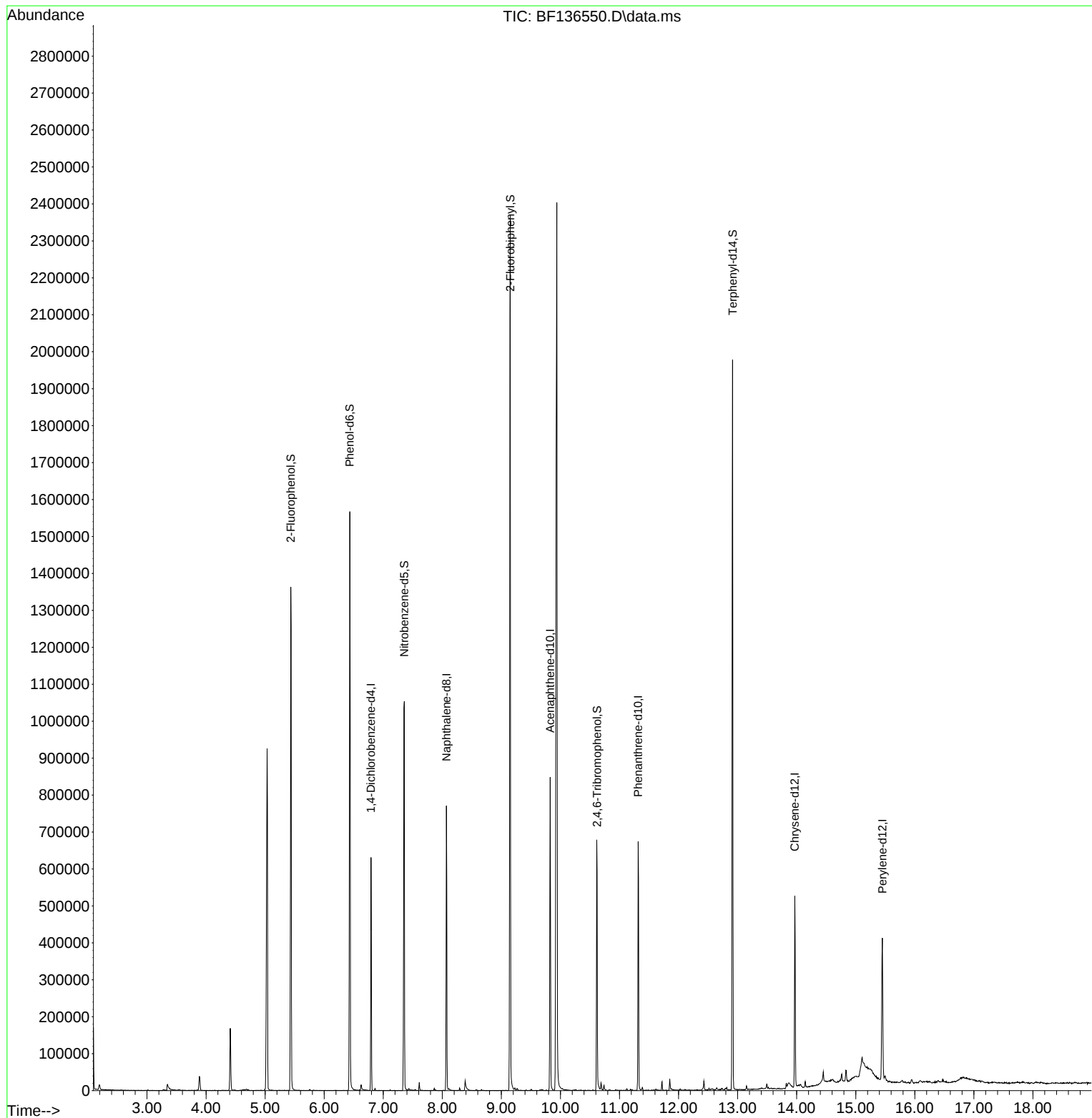
Target Compounds	Qvalue

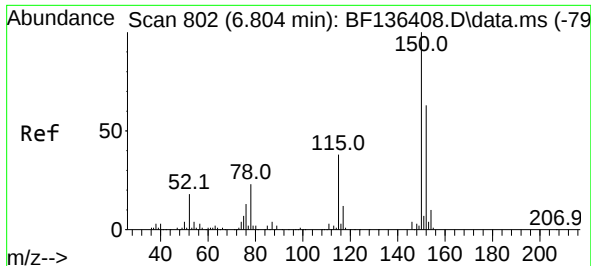
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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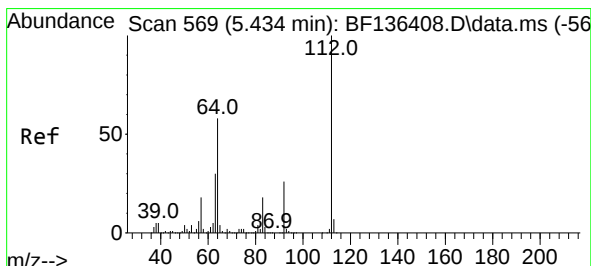
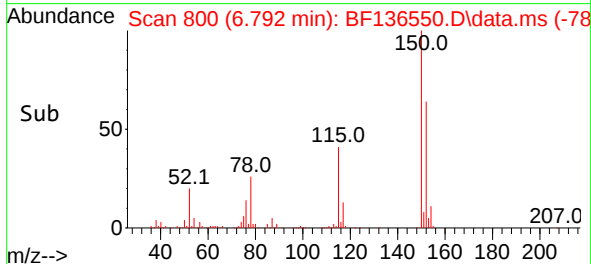
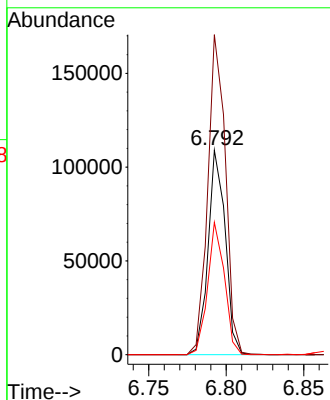
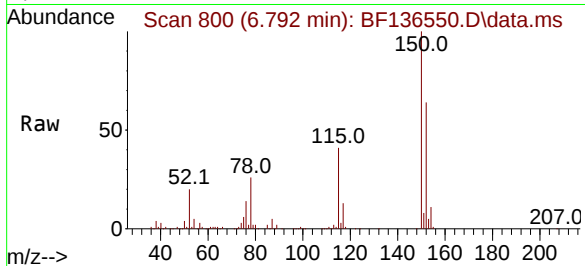




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 802
Delta R.T. -0.012 min
Lab File: BF136550.D
Acq: 13 Dec 2023 21:51

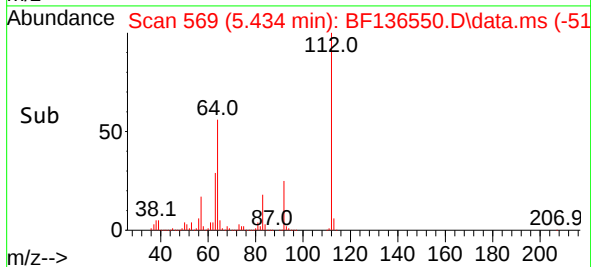
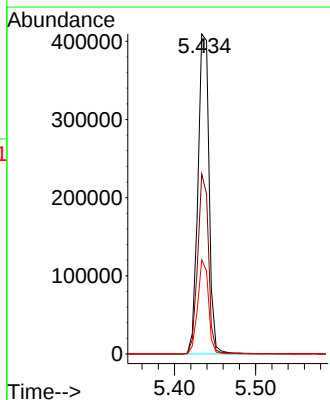
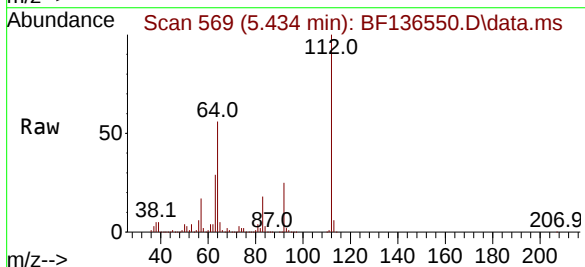
Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

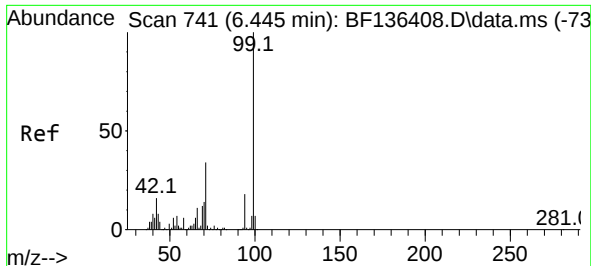
Tgt Ion:152 Resp: 83882
Ion Ratio Lower Upper
152 100
150 156.5 126.4 189.6
115 64.7 48.2 72.4



#5
2-Fluorophenol
Concen: 69.445 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF136550.D
Acq: 13 Dec 2023 21:51

Tgt Ion:112 Resp: 394437
Ion Ratio Lower Upper
112 100
64 56.3 46.5 69.7
63 29.4 23.9 35.9

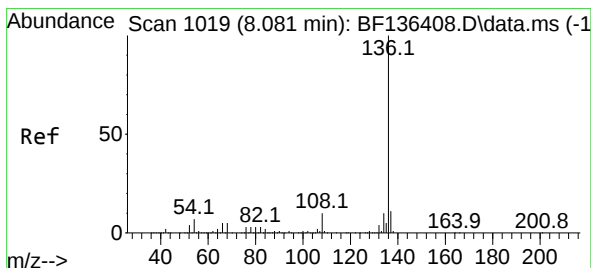
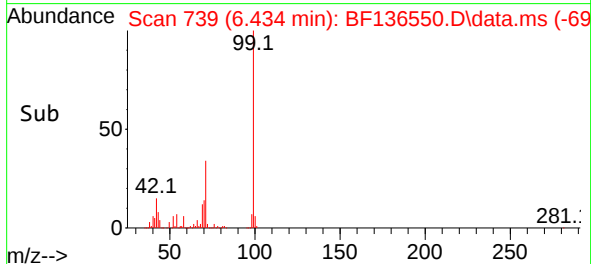
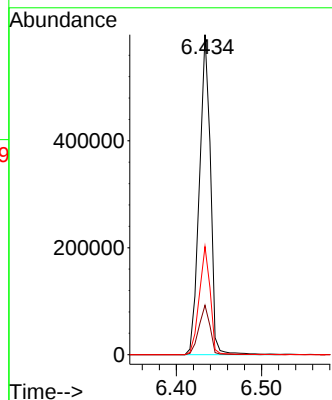
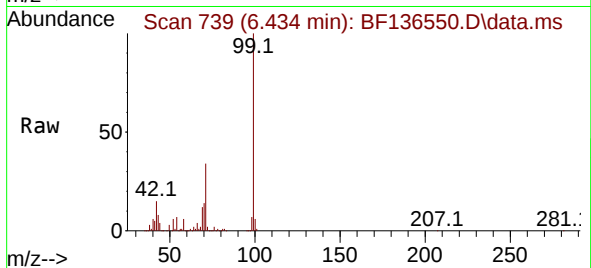




#7
Phenol-d6
Concen: 76.265 ng
RT: 6.434 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF136550.D
Acq: 13 Dec 2023 21:51

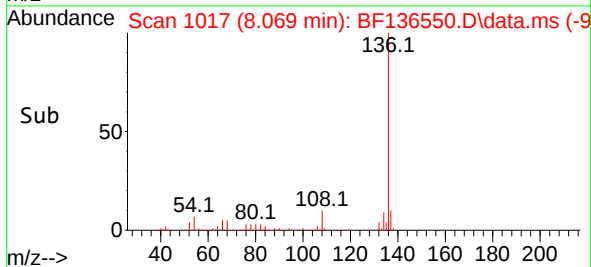
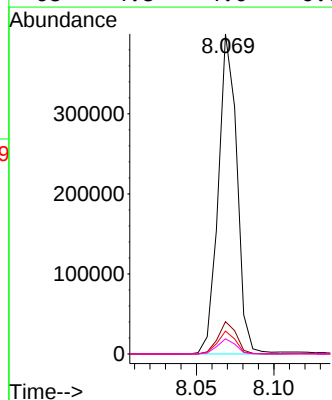
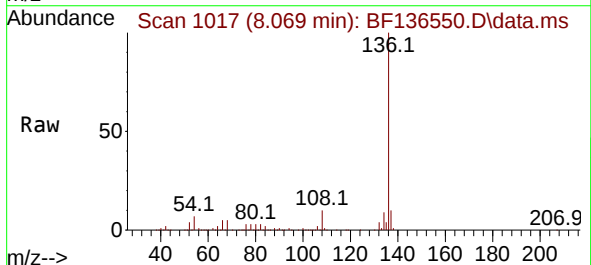
Instrument :
BNA_F
ClientSampleId :
CONCRETE-2

Tgt Ion: 99 Resp: 540454
Ion Ratio Lower Upper
99 100
42 15.4 12.8 19.2
71 33.8 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136550.D
Acq: 13 Dec 2023 21:51

Tgt Ion: 136 Resp: 335049
Ion Ratio Lower Upper
136 100
137 10.1 8.6 12.8
54 7.2 5.7 8.5
68 4.8 4.0 6.0





#23

Nitrobenzene-d5

Concen: 58.627 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136550.D

Acq: 13 Dec 2023 21:51

Instrument :

BNA_F

ClientSampleId :

CONCRETE-2

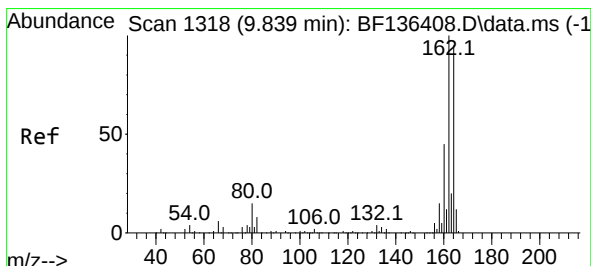
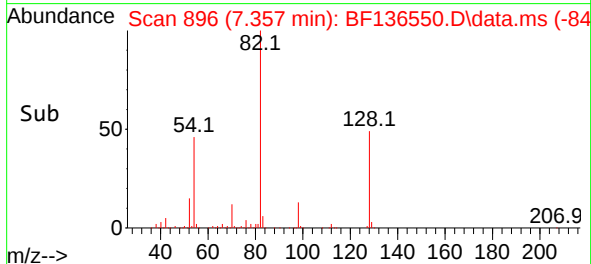
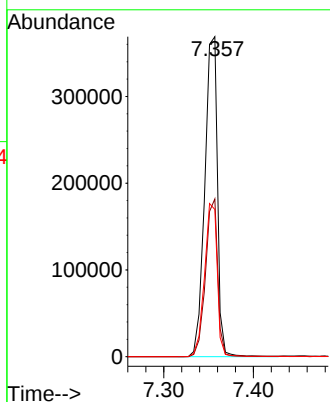
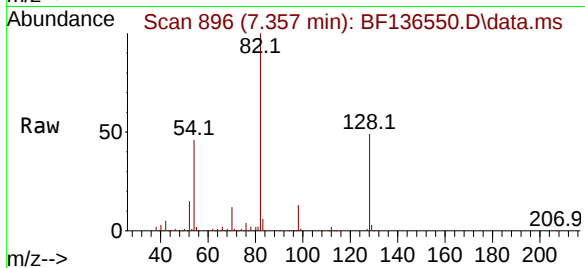
Tgt Ion: 82 Resp: 363349

Ion Ratio Lower Upper

82 100

128 49.3 36.3 54.5

54 46.0 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF136550.D

Acq: 13 Dec 2023 21:51

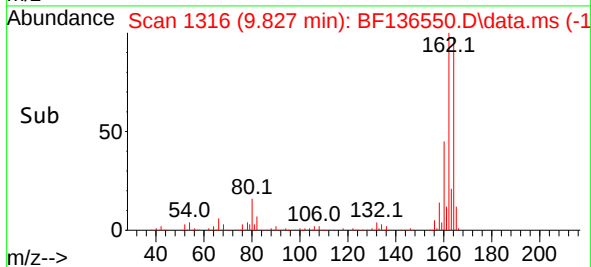
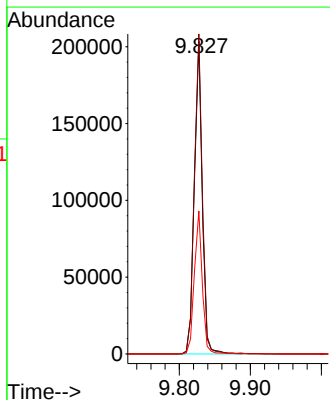
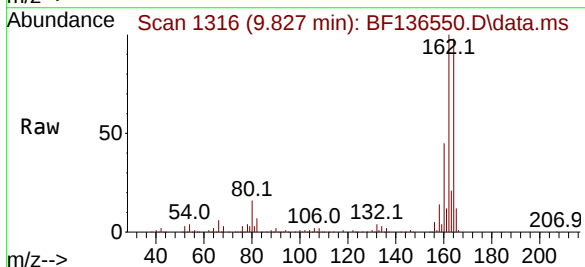
Tgt Ion:164 Resp: 158580

Ion Ratio Lower Upper

164 100

162 102.3 84.4 126.6

160 45.7 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 45.790 ng

RT: 10.621 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF136550.D

Acq: 13 Dec 2023 21:51

Instrument :

BNA_F

ClientSampleId :

CONCRETE-2

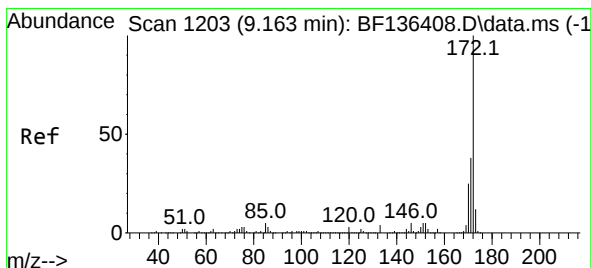
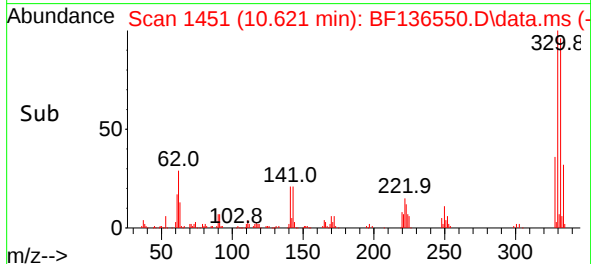
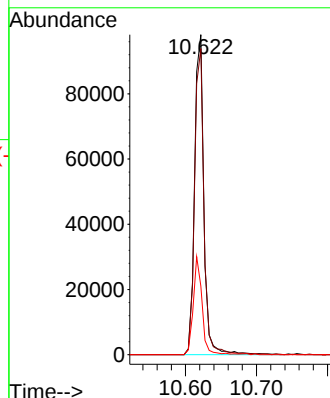
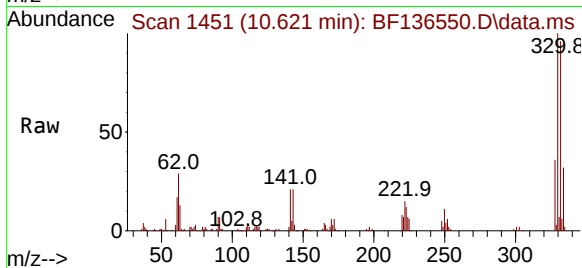
Tgt Ion:330 Resp: 89533

Ion Ratio Lower Upper

330 100

332 96.4 76.4 114.6

141 28.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 66.150 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136550.D

Acq: 13 Dec 2023 21:51

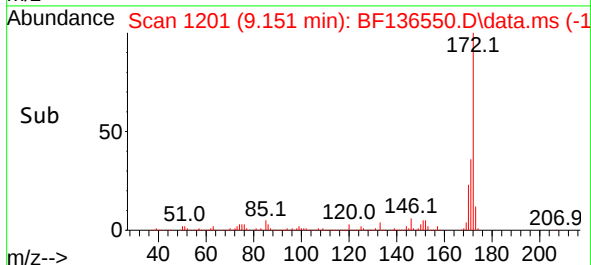
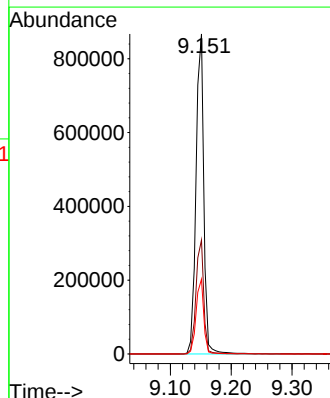
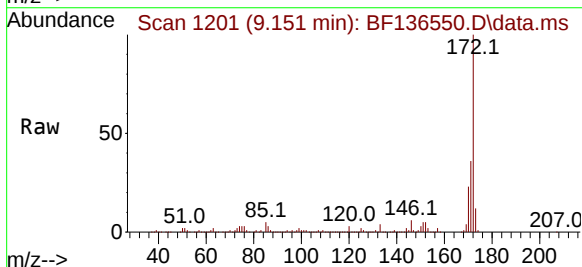
Tgt Ion:172 Resp: 768790

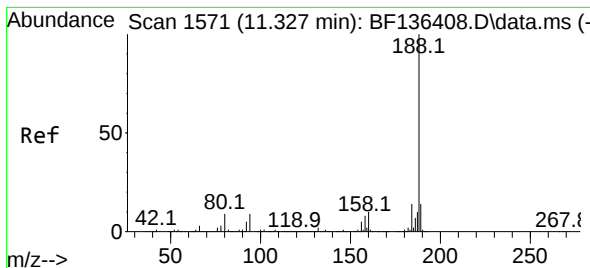
Ion Ratio Lower Upper

172 100

171 35.6 30.5 45.7

170 23.4 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136550.D

Acq: 13 Dec 2023 21:51

Instrument :

BNA_F

ClientSampleId :

CONCRETE-2

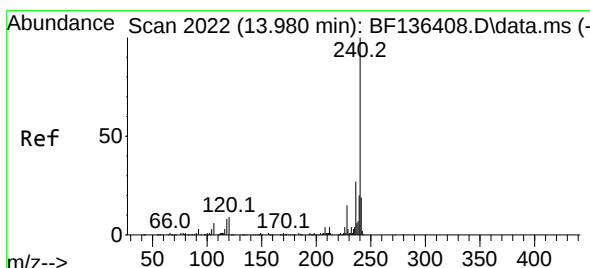
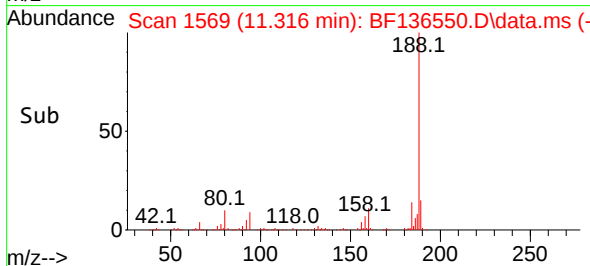
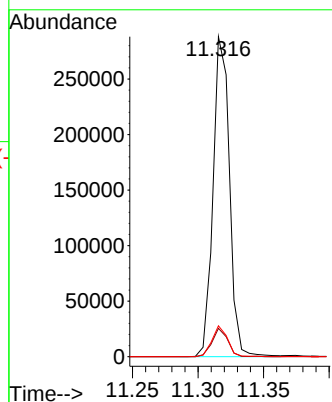
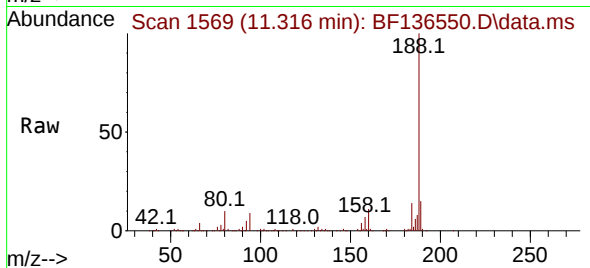
Tgt Ion:188 Resp: 250677

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

80 9.7 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.012 min

Lab File: BF136550.D

Acq: 13 Dec 2023 21:51

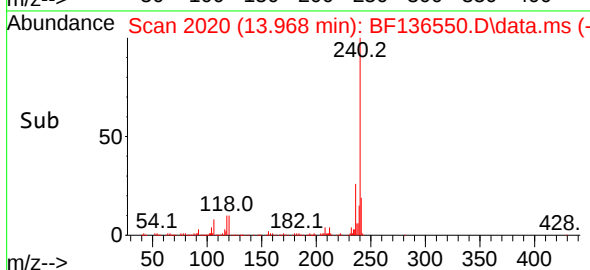
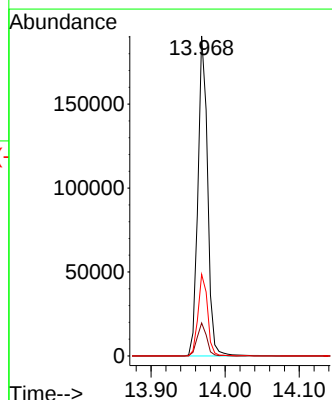
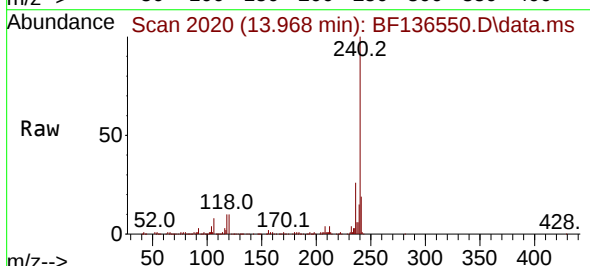
Tgt Ion:240 Resp: 171992

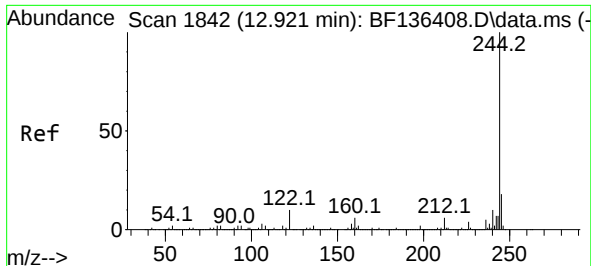
Ion Ratio Lower Upper

240 100

120 10.3 7.3 10.9

236 25.5 21.3 31.9

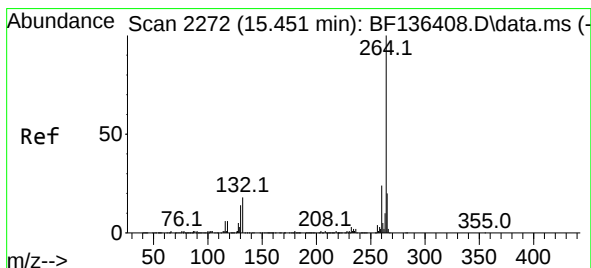
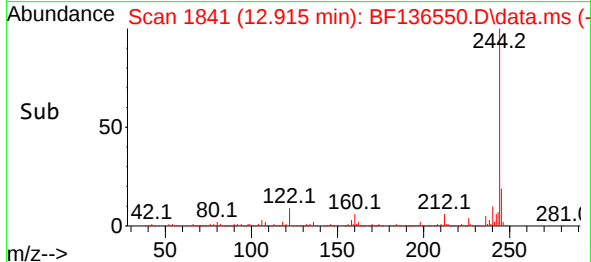
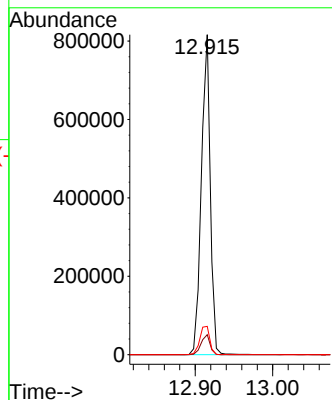
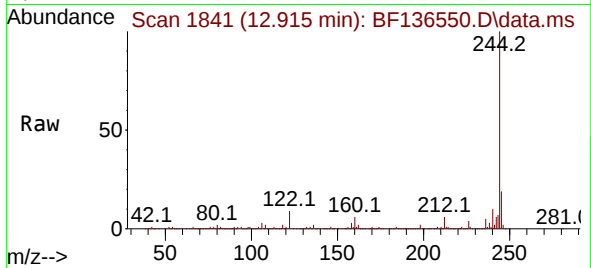




#79
 Terphenyl-d14
 Concen: 49.859 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136550.D
 Acq: 13 Dec 2023 21:51

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-2

Tgt Ion:244 Resp: 650610
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 8.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.000 min
 Lab File: BF136550.D
 Acq: 13 Dec 2023 21:51

Tgt Ion:264 Resp: 191959
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 20.5 15.9 23.9

