

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136500.D
 Acq On : 11 Dec 2023 20:21
 Operator : CG\JU
 Sample : 05720-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-FRACSEDIMENT-IDWSO-20231207

Quant Time: Dec 11 23:46:43 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	131922	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	530840	20.000	ng	-0.01
39) Acenaphthene-d10	9.827	164	277798	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	523721	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	288873	20.000	ng	-0.01
86) Perylene-d12	15.451	264	271872	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	695943	77.909	ng	0.00
7) Phenol-d6	6.439	99	865342	77.644	ng	0.00
23) Nitrobenzene-d5	7.351	82	521785	53.138	ng	-0.02
42) 2,4,6-Tribromophenol	10.621	330	251657	73.471	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1007671	49.495	ng	-0.01
79) Terphenyl-d14	12.915	244	999357	45.598	ng	0.00

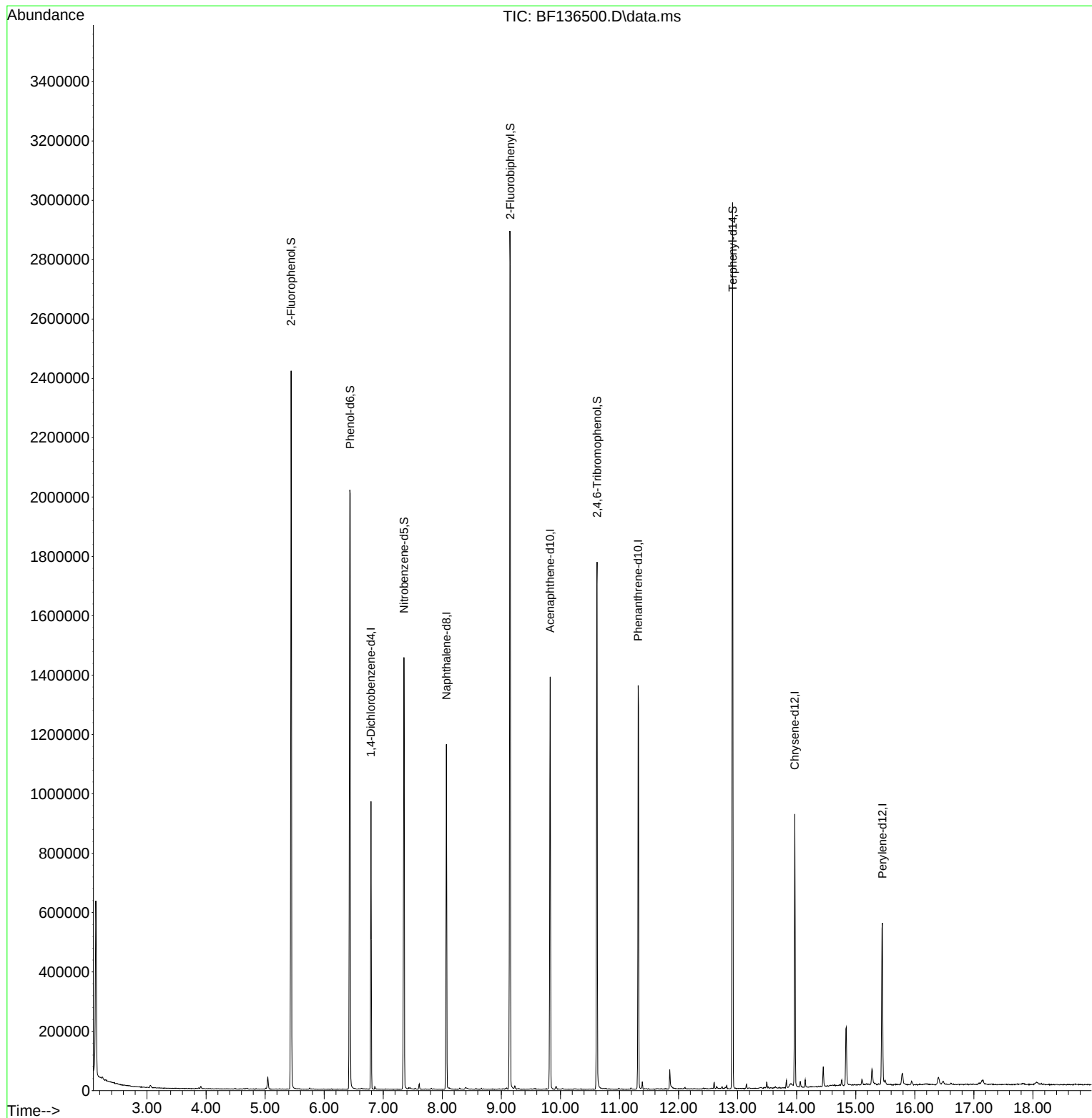
Target Compounds	Qvalue

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

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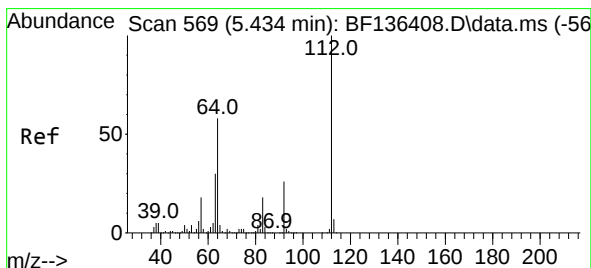
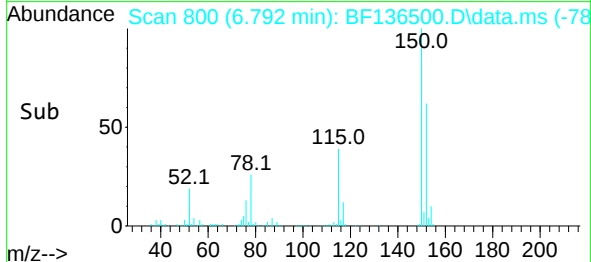
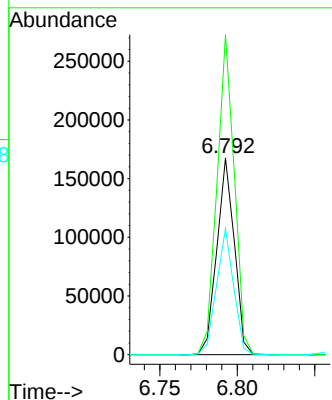
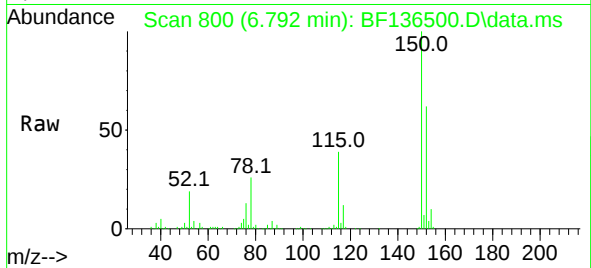




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF136500.D
Acq: 11 Dec 2023 20:21

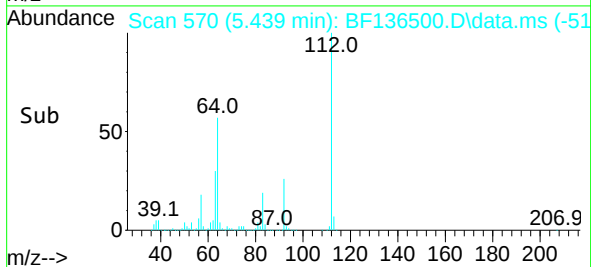
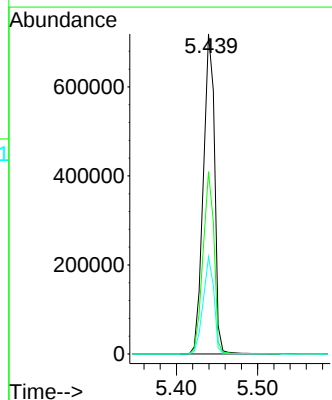
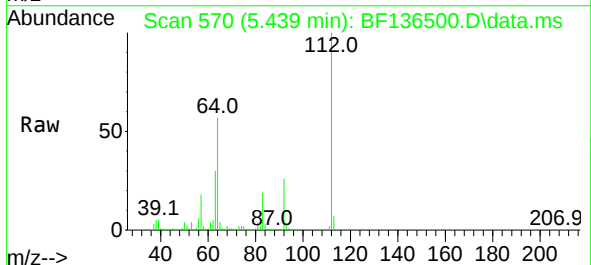
Instrument :
BNA_F
ClientSampleId :
TT-FRACSEDIMENT-IDWSO-20231207

Tgt Ion:152 Resp: 131922
Ion Ratio Lower Upper
152 100
150 162.5 126.4 189.6
115 64.1 48.2 72.4



#5
2-Fluorophenol
Concen: 77.909 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF136500.D
Acq: 11 Dec 2023 20:21

Tgt Ion:112 Resp: 695943
Ion Ratio Lower Upper
112 100
64 57.0 46.5 69.7
63 30.4 23.9 35.9

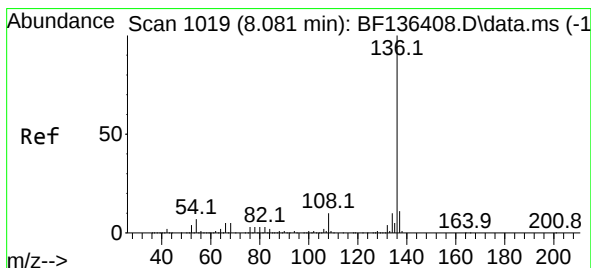
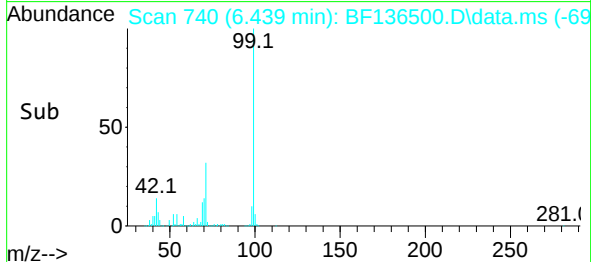
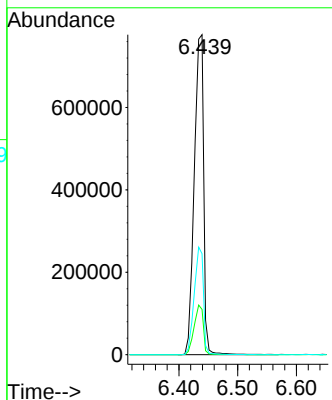
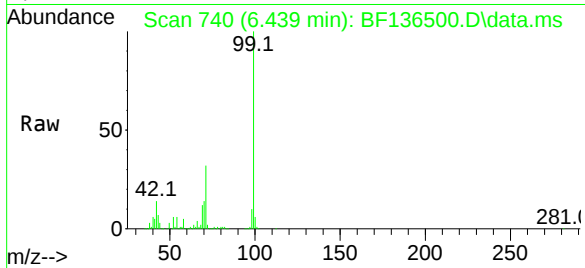




#7
Phenol-d6
Concen: 77.644 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136500.D
Acq: 11 Dec 2023 20:21

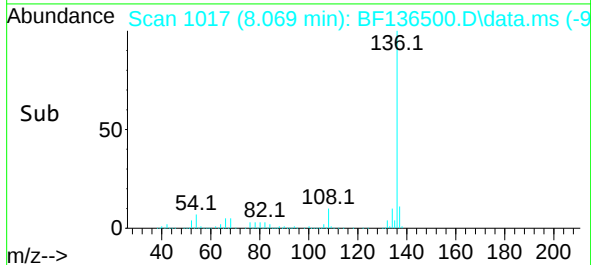
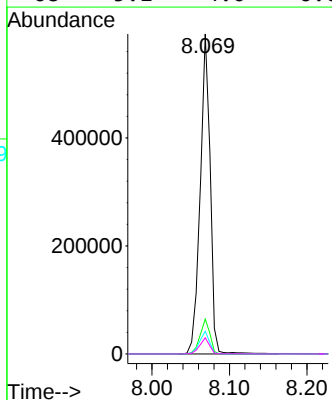
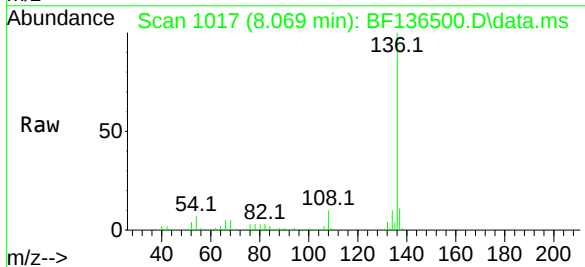
Instrument :
BNA_F
ClientSampleId :
TT-FRACSEDIMENT-IDWSO-20231207

Tgt Ion: 99 Resp: 865342
Ion Ratio Lower Upper
99 100
42 14.1 12.8 19.2
71 31.6 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: BF136500.D
Acq: 11 Dec 2023 20:21

Tgt Ion: 136 Resp: 530840
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.1 5.7 8.5
68 5.1 4.0 6.0

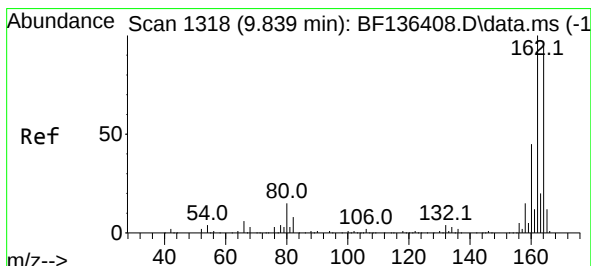
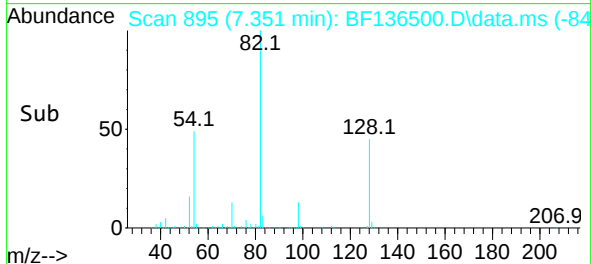
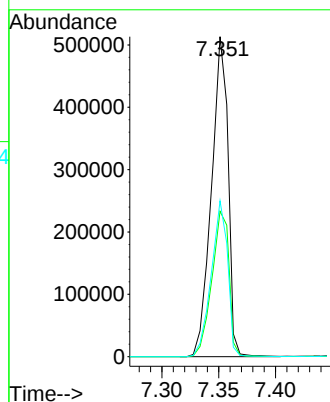
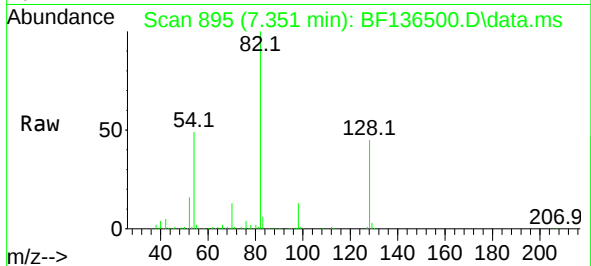




#23
Nitrobenzene-d5
Concen: 53.138 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.018 min
Lab File: BF136500.D
Acq: 11 Dec 2023 20:21

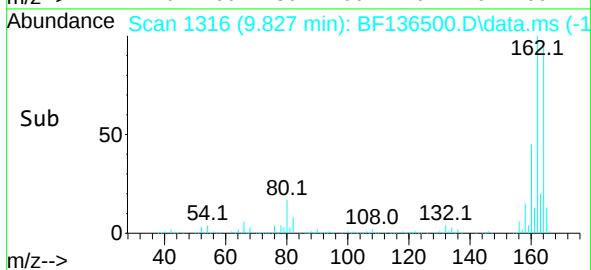
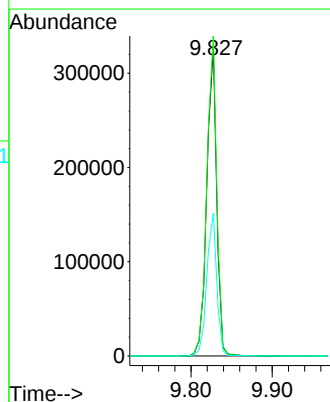
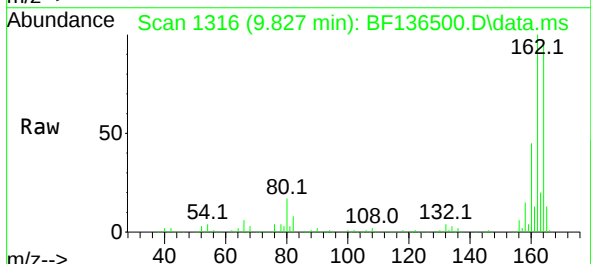
Instrument :
BNA_F
ClientSampleId :
TT-FRACSEDIMENT-IDWSO-20231207

Tgt Ion: 82 Resp: 521785
Ion Ratio Lower Upper
82 100
128 45.5 36.3 54.5
54 48.7 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: BF136500.D
Acq: 11 Dec 2023 20:21

Tgt Ion: 164 Resp: 277798
Ion Ratio Lower Upper
164 100
162 103.6 84.4 126.6
160 46.2 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 73.471 ng

RT: 10.621 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF136500.D

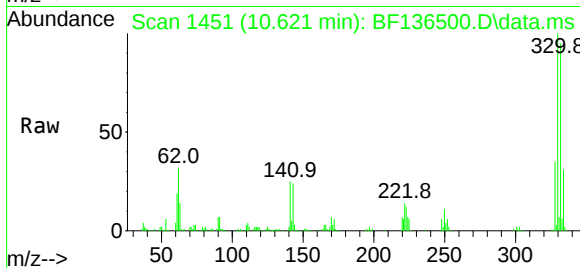
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Instrument :

BNA_F

ClientSampleId :

TT-FRACSEDIMENT-IDWSO-20231207



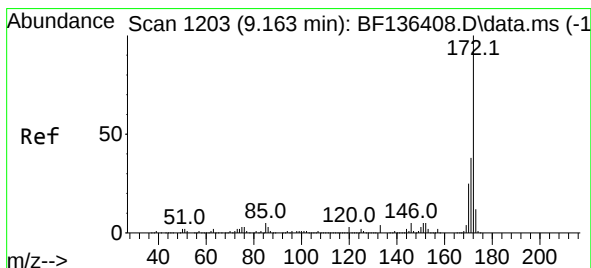
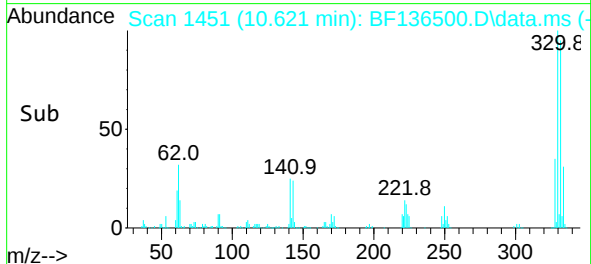
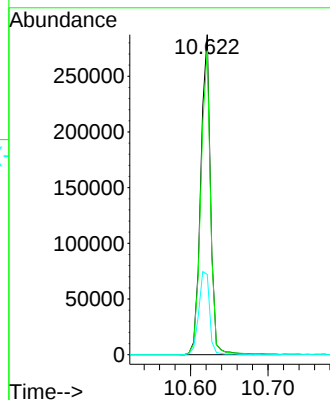
Tgt Ion:330 Resp: 251657

Ion Ratio Lower Upper

330 100

332 94.8 76.4 114.6

141 28.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 49.495 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136500.D

Acq: 11 Dec 2023 20:21

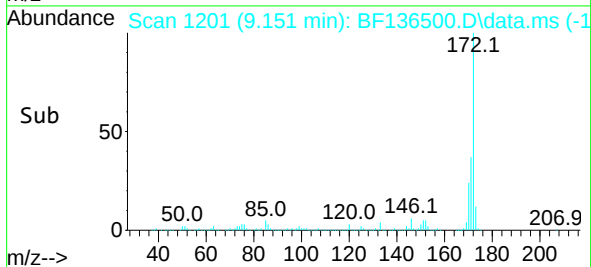
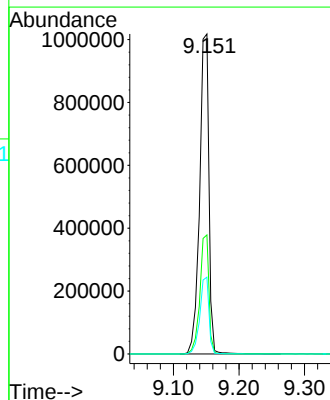
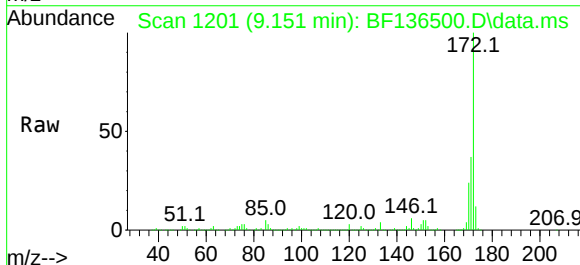
Tgt Ion:172 Resp: 1007671

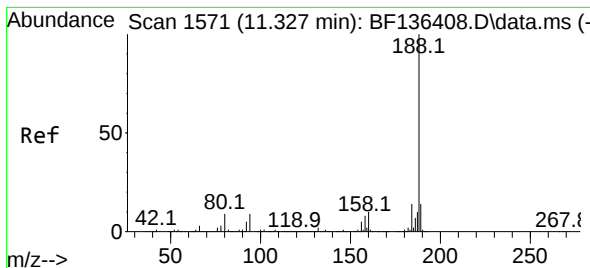
Ion Ratio Lower Upper

172 100

171 37.2 30.5 45.7

170 24.0 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: BF136500.D

Acq: 11 Dec 2023 20:21

Instrument :

BNA_F

ClientSampleId :

TT-FRACSEDIMENT-IDWSO-20231207

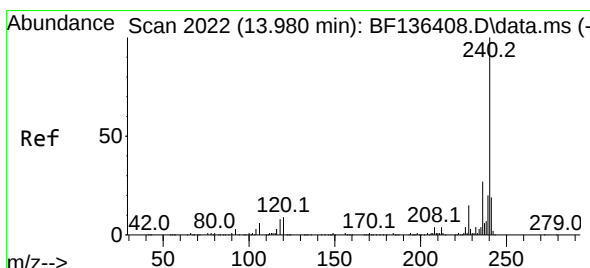
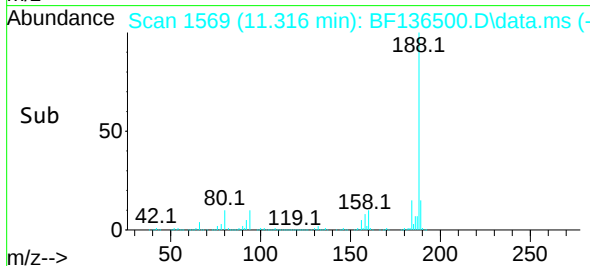
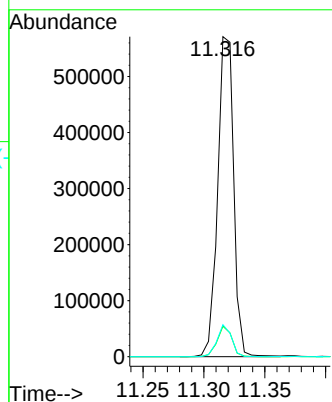
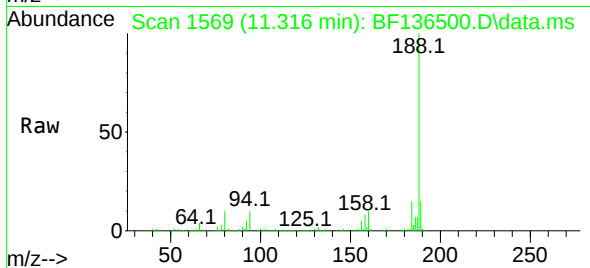
Tgt Ion:188 Resp: 523721

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

80 10.0 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: BF136500.D

Acq: 11 Dec 2023 20:21

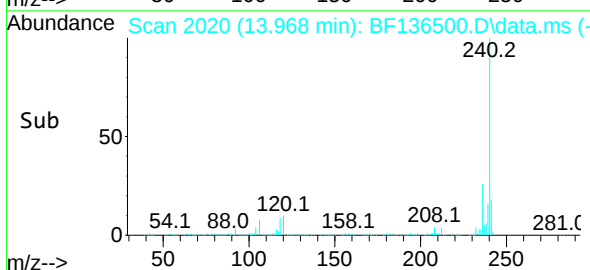
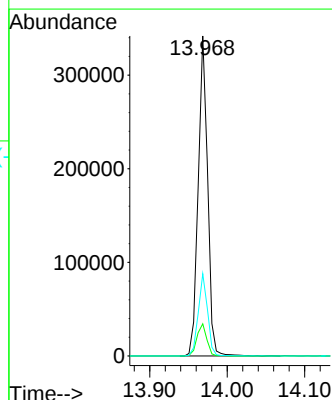
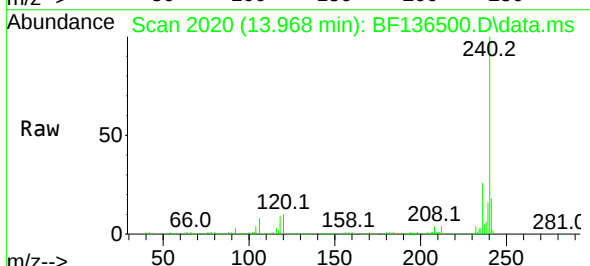
Tgt Ion:240 Resp: 288873

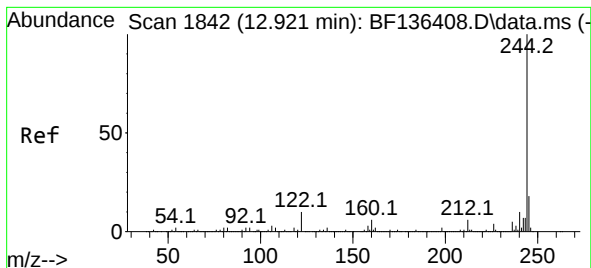
Ion Ratio Lower Upper

240 100

120 10.0 7.3 10.9

236 25.7 21.3 31.9





#79

Terphenyl-d14

Concen: 45.598 ng

RT: 12.915 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF136500.D

Acq: 11 Dec 2023 20:21

Instrument :

BNA_F

ClientSampleId :

TT-FRACSEDIMENT-IDWSO-20231207

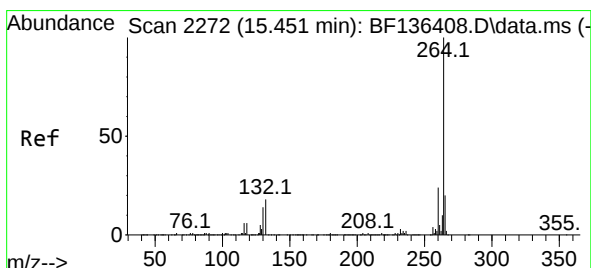
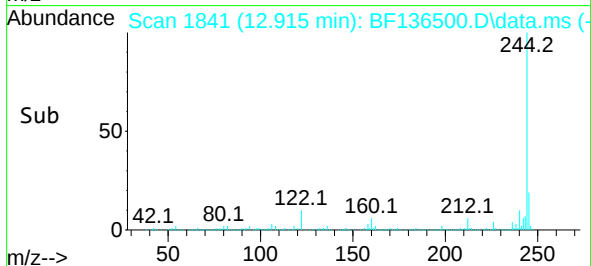
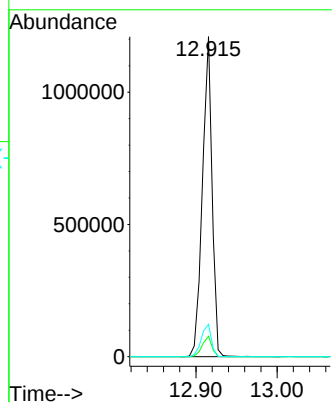
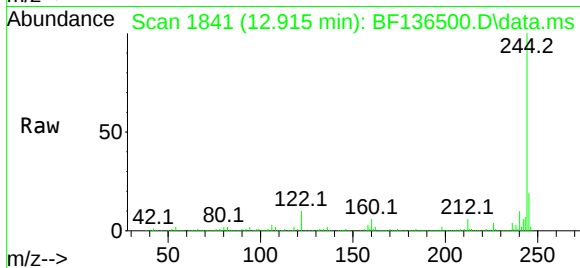
Tgt Ion:244 Resp: 999357

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 10.1 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: BF136500.D

Acq: 11 Dec 2023 20:21

Tgt Ion:264 Resp: 271872

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.6 15.9 23.9

