

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
 Data File : BF136533.D
 Acq On : 13 Dec 2023 12:33
 Operator : CG\JU
 Sample : 05657-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 205-199

Quant Time: Dec 13 13:45:43 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)

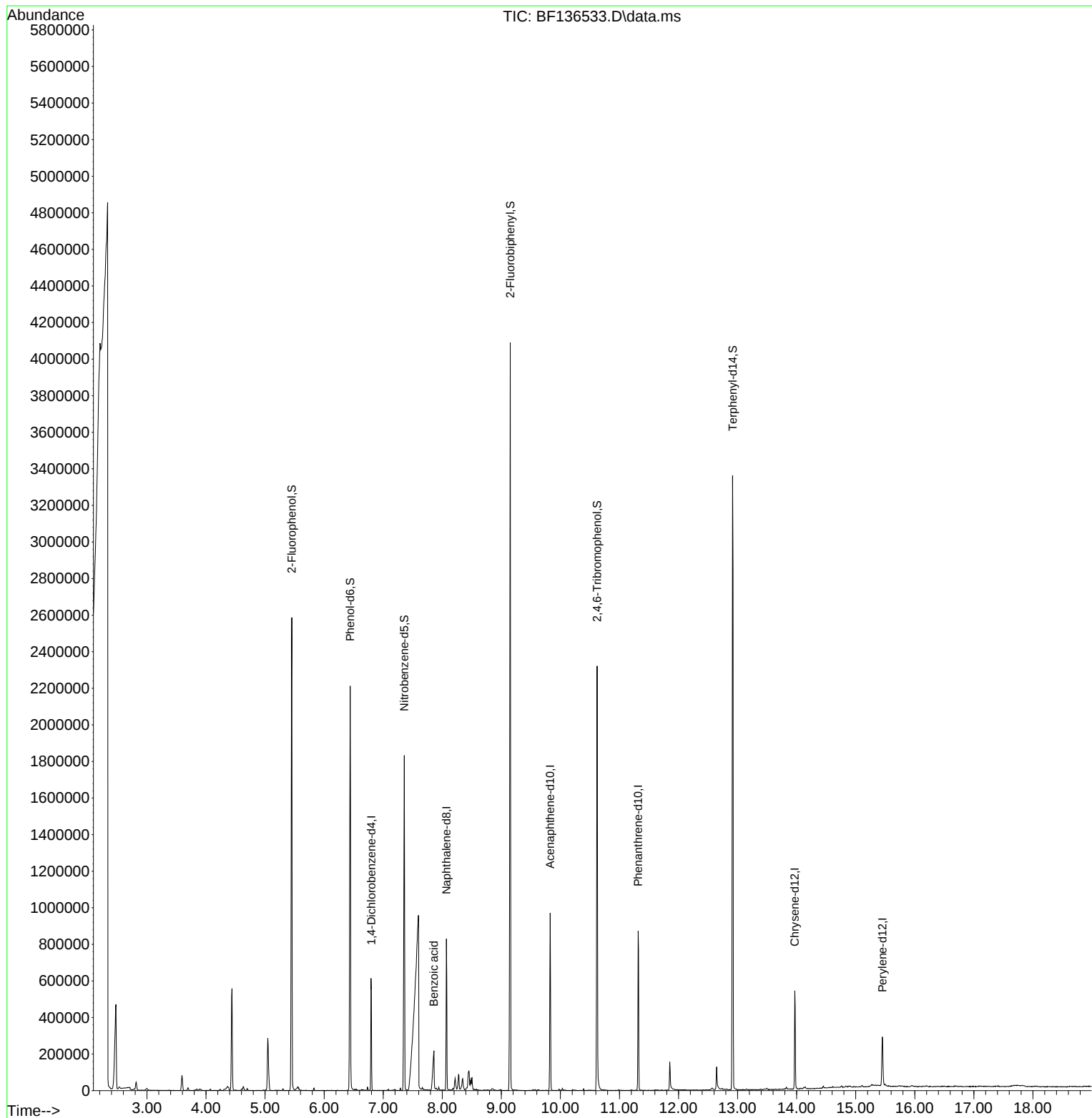
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	91082	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	358138	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	179396	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	328635	20.000	ng	-0.01
76) Chrysene-d12	13.969	240	182418	20.000	ng	#-0.01
86) Perylene-d12	15.451	264	118871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	770151	124.874	ng	0.02
7) Phenol-d6	6.440	99	863695	112.244	ng	0.00
23) Nitrobenzene-d5	7.357	82	613987	92.680	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	317268	143.433	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1254201	95.396	ng	-0.01
79) Terphenyl-d14	12.916	244	1253780	90.591	ng	0.00
Target Compounds						
32) Benzoic acid	7.857	122	69751	17.405	ng	Qvalue 90

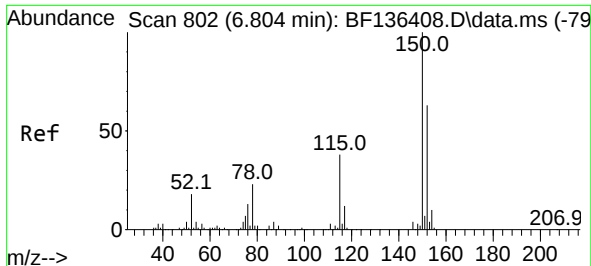
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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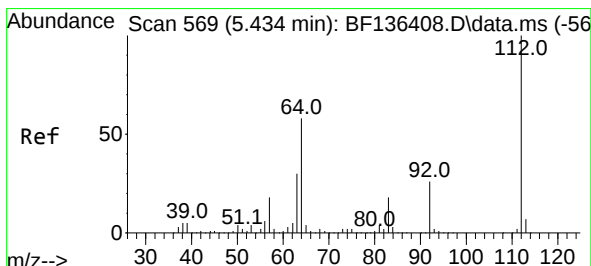
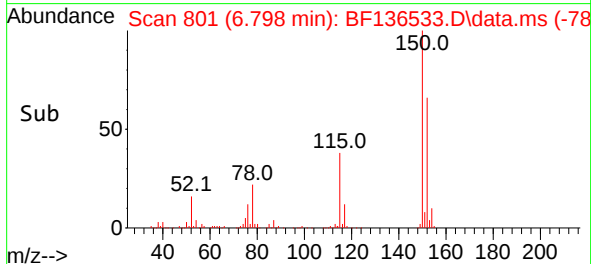
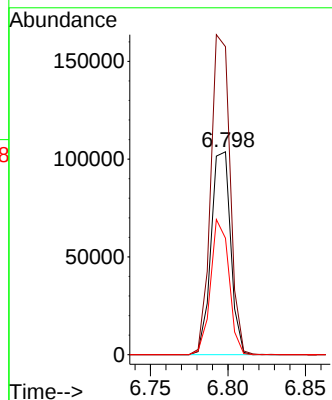
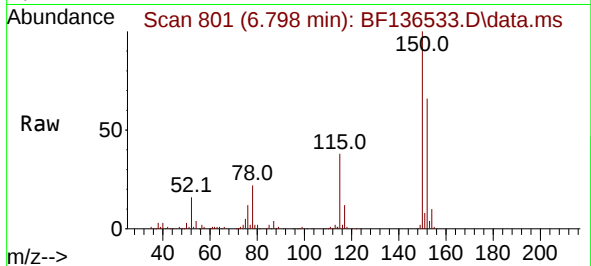




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF136533.D
Acq: 13 Dec 2023 12:33

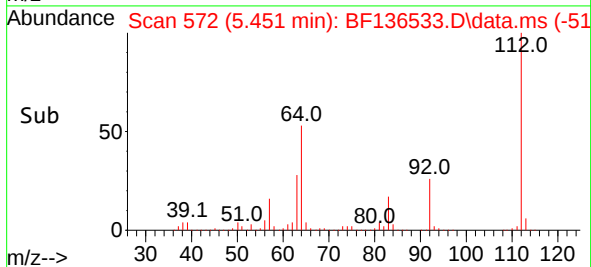
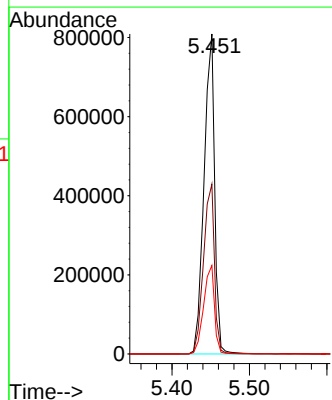
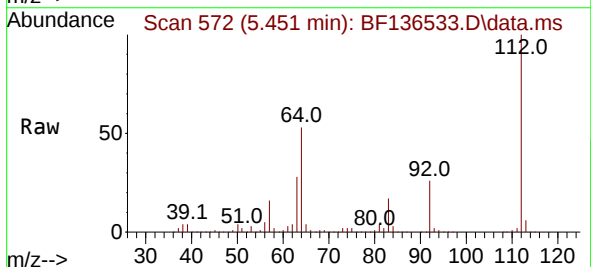
Instrument :
BNA_F
ClientSampleId :
205-199

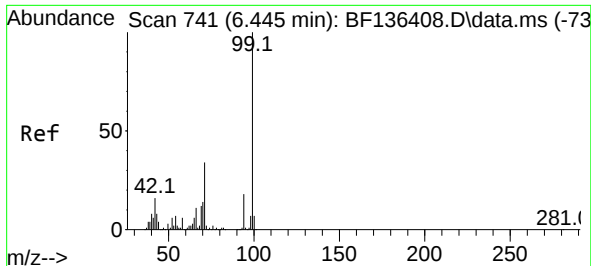
Tgt Ion:152 Resp: 91082
Ion Ratio Lower Upper
152 100
150 151.8 126.4 189.6
115 57.4 48.2 72.4



#5
2-Fluorophenol
Concen: 124.874 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.018 min
Lab File: BF136533.D
Acq: 13 Dec 2023 12:33

Tgt Ion:112 Resp: 770151
Ion Ratio Lower Upper
112 100
64 53.1 46.5 69.7
63 27.7 23.9 35.9

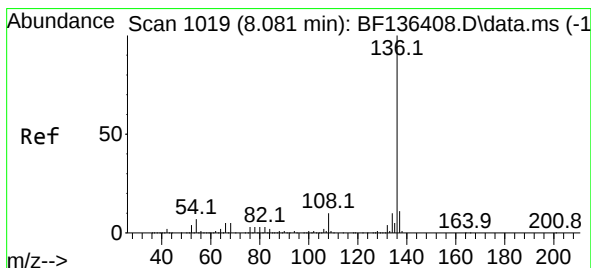
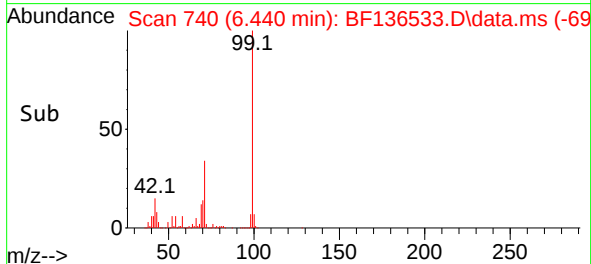
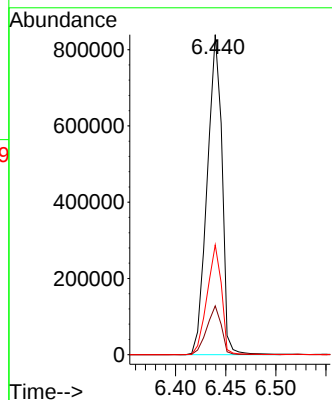
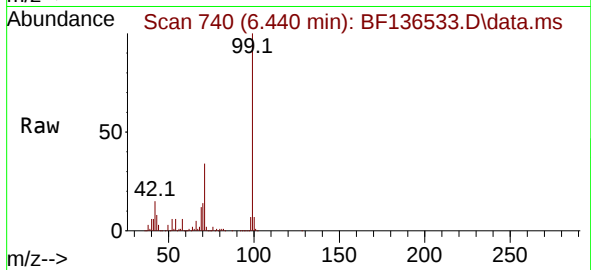




#7
Phenol-d6
Concen: 112.244 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136533.D
Acq: 13 Dec 2023 12:33

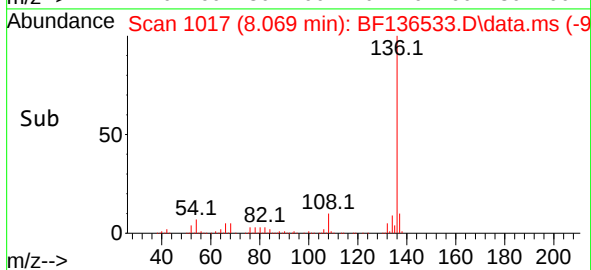
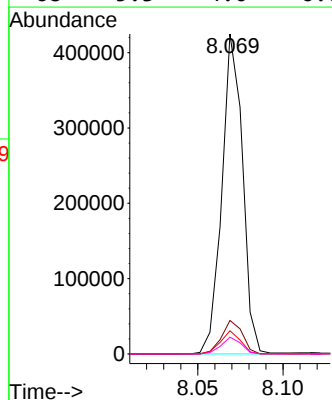
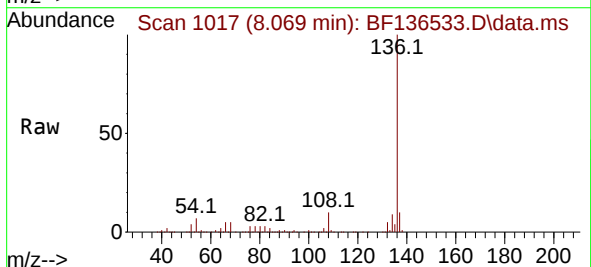
Instrument :
BNA_F
ClientSampleId :
205-199

Tgt Ion: 99 Resp: 863695
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 34.3 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: BF136533.D
Acq: 13 Dec 2023 12:33

Tgt Ion: 136 Resp: 358138
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 7.3 5.7 8.5
68 5.3 4.0 6.0





#23

Nitrobenzene-d5

Concen: 92.680 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136533.D

Acq: 13 Dec 2023 12:33

Instrument :

BNA_F

ClientSampleId :

205-199

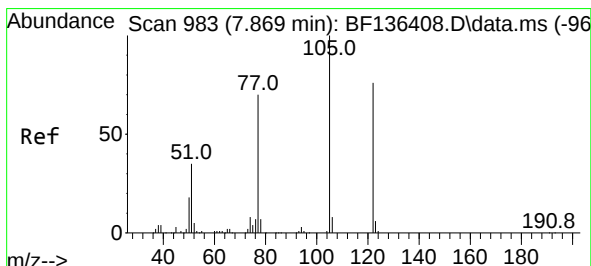
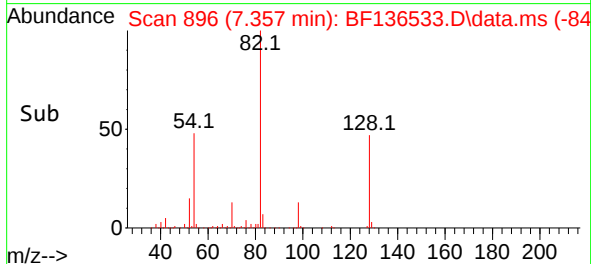
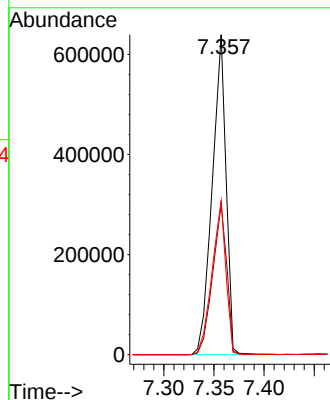
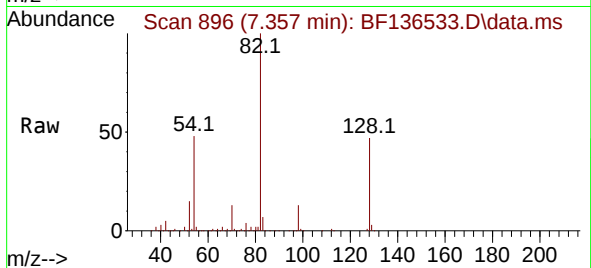
Tgt Ion: 82 Resp: 613987

Ion Ratio Lower Upper

82 100

128 47.1 36.3 54.5

54 48.2 39.0 58.6



#32

Benzoic acid

Concen: 17.405 ng

RT: 7.857 min Scan# 981

Delta R.T. -0.012 min

Lab File: BF136533.D

Acq: 13 Dec 2023 12:33

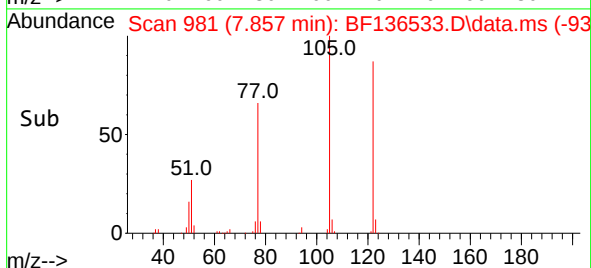
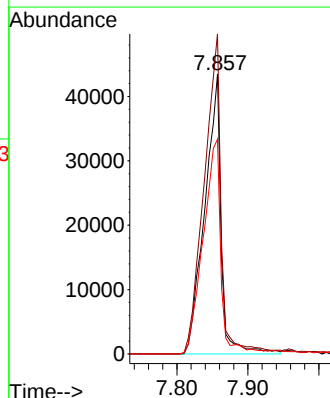
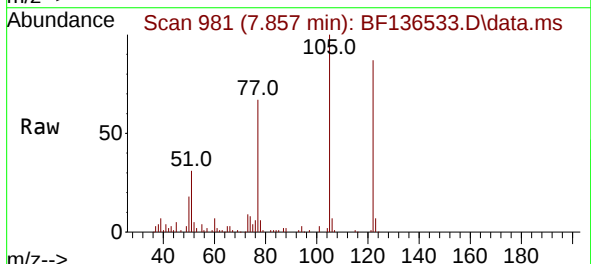
Tgt Ion: 122 Resp: 69751

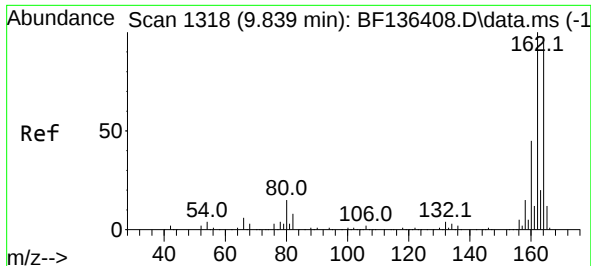
Ion Ratio Lower Upper

122 100

105 114.5 104.7 144.7

77 76.9 68.5 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136533.D

Acq: 13 Dec 2023 12:33

Instrument :

BNA_F

ClientSampleId :

205-199

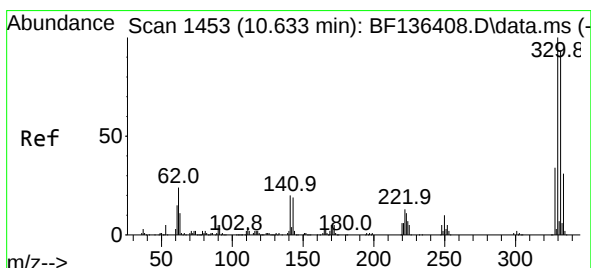
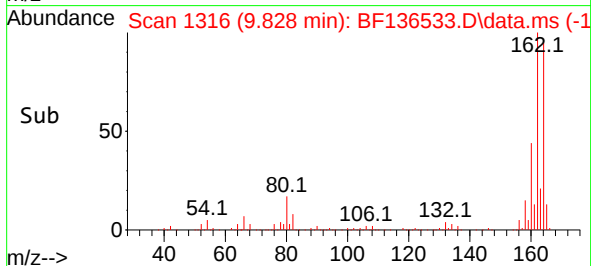
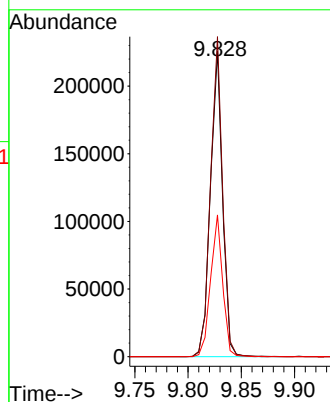
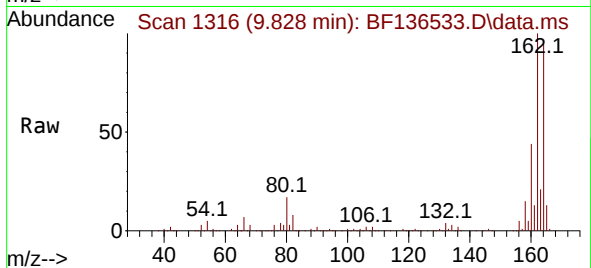
Tgt Ion:164 Resp: 179396

Ion Ratio Lower Upper

164 100

162 104.8 84.4 126.6

160 46.4 37.6 56.4



#42

2,4,6-Tribromophenol

Concen: 143.433 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136533.D

Acq: 13 Dec 2023 12:33

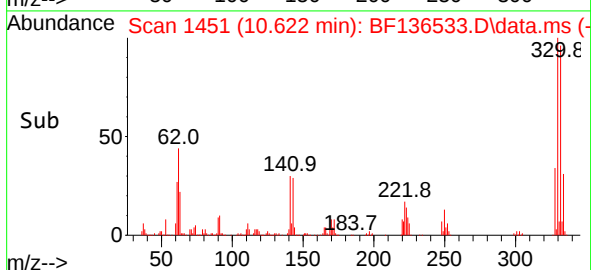
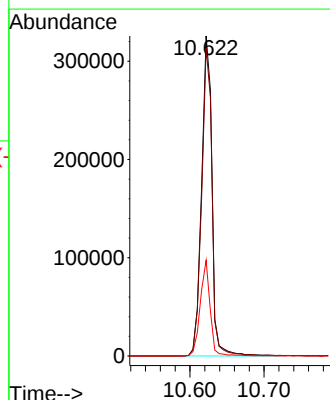
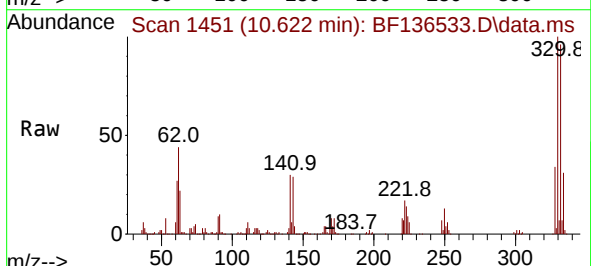
Tgt Ion:330 Resp: 317268

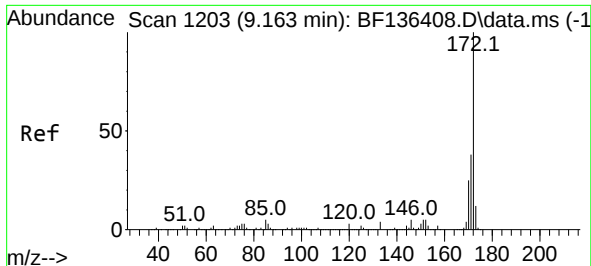
Ion Ratio Lower Upper

330 100

332 95.6 76.4 114.6

141 28.4 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 95.396 ng

RT: 9.151 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136533.D

Acq: 13 Dec 2023 12:33

Instrument :

BNA_F

ClientSampleId :

205-199

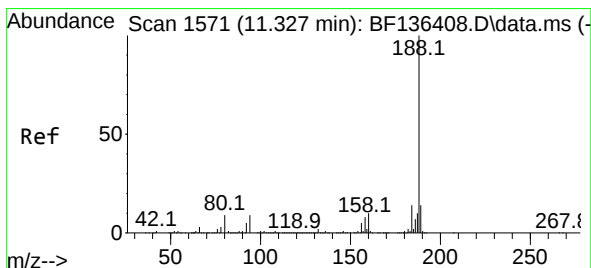
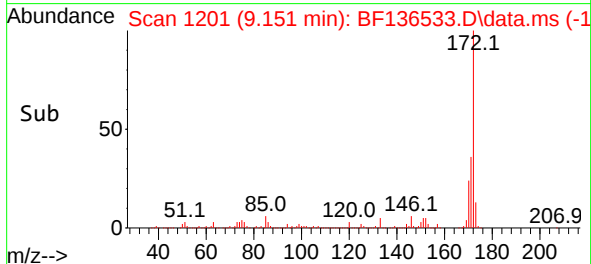
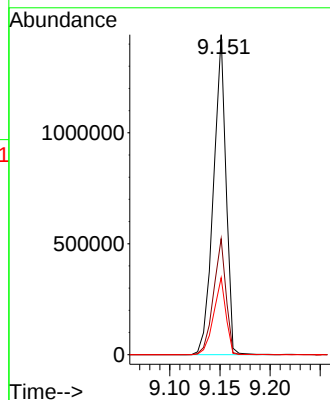
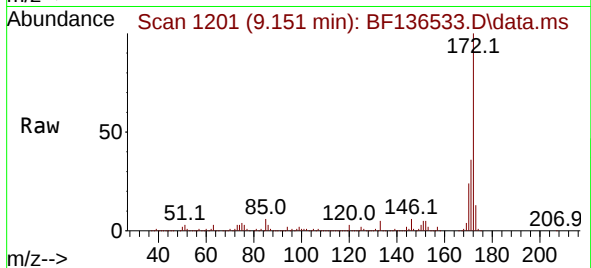
Tgt Ion:172 Resp: 1254201

Ion Ratio Lower Upper

172 100

171 36.2 30.5 45.7

170 24.0 19.9 29.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.012 min

Lab File: BF136533.D

Acq: 13 Dec 2023 12:33

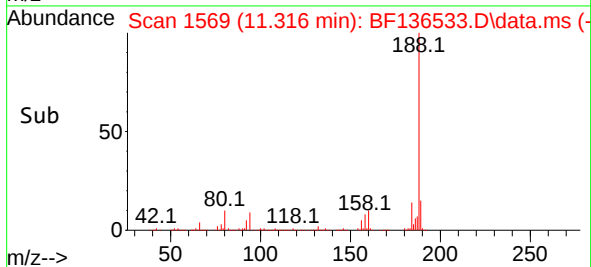
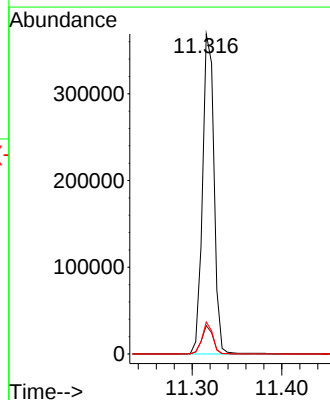
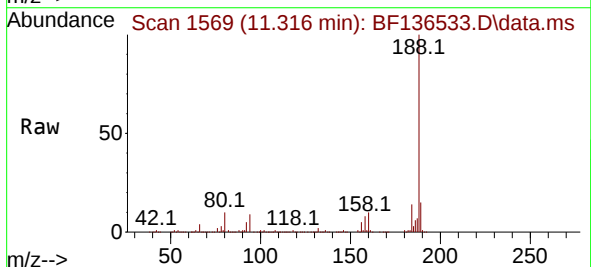
Tgt Ion:188 Resp: 328635

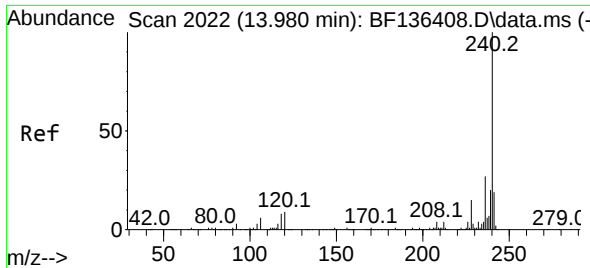
Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

80 10.0 7.2 10.8

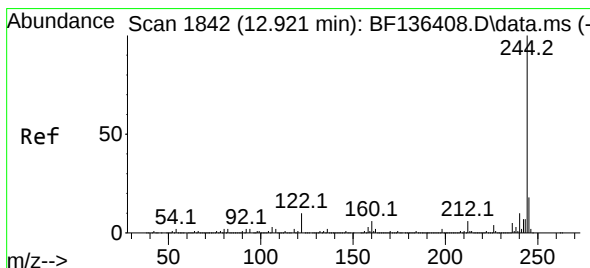
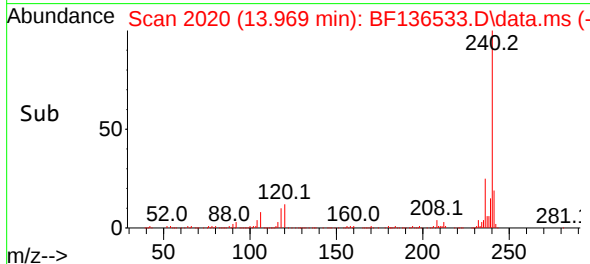
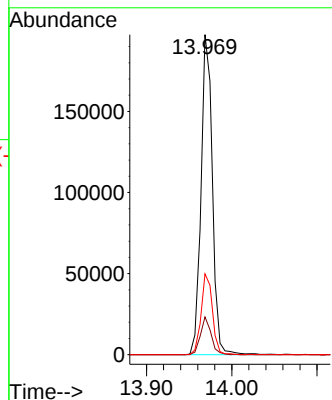
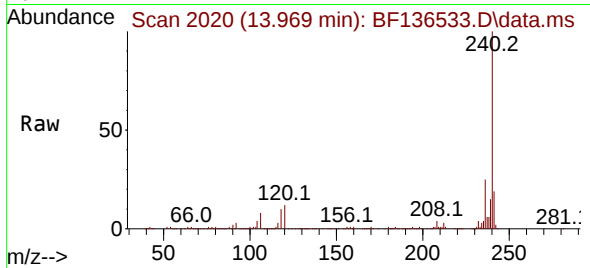




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF136533.D
Acq: 13 Dec 2023 12:33

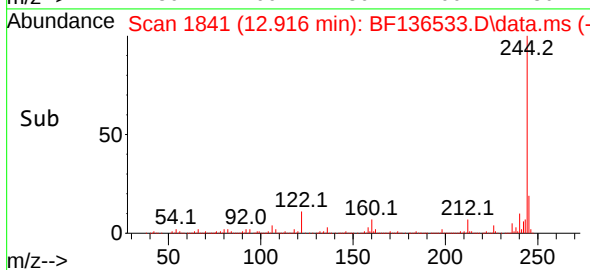
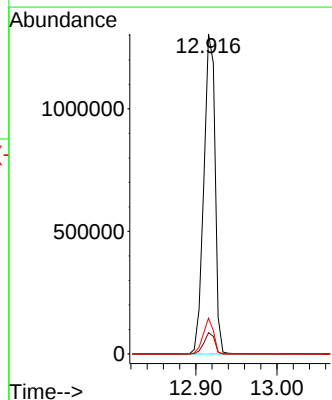
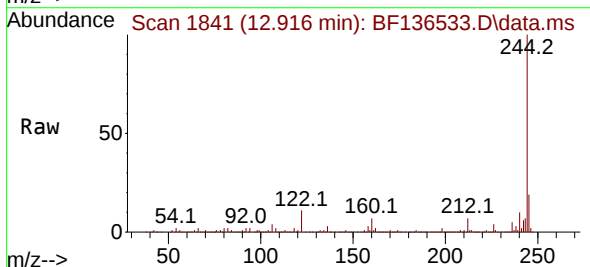
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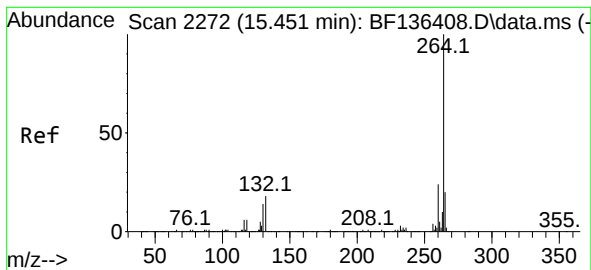
Tgt Ion:240 Resp: 182418
Ion Ratio Lower Upper
240 100
120 11.8 7.3 10.9#
236 25.3 21.3 31.9



#79
Terphenyl-d14
Concen: 90.591 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF136533.D
Acq: 13 Dec 2023 12:33

Tgt Ion:244 Resp: 1253780
Ion Ratio Lower Upper
244 100
212 6.6 5.0 7.4
122 11.2 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136533.D

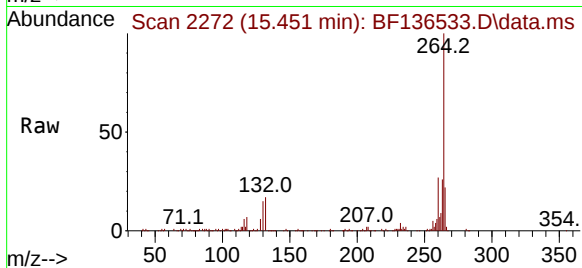
Acq: 13 Dec 2023 12:33

Instrument :

BNA_F

ClientSampleId :

205-199



Tgt Ion:264 Resp: 118871

Ion Ratio Lower Upper

264 100

260 26.9 19.2 28.8

265 21.6 15.9 23.9

