

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
 Data File : BF136517.D
 Acq On : 12 Dec 2023 15:46
 Operator : CG\JU
 Sample : 05634-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 344

Quant Time: Dec 12 16:07:22 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	89527	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	346928	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	167625	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	283195	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	181908	20.000	ng	-0.01
86) Perylene-d12	15.451	264	221503	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	532396	87.823	ng	0.00
7) Phenol-d6	6.434	99	686405	90.753	ng	-0.01
23) Nitrobenzene-d5	7.357	82	442898	69.015	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	159954	77.391	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	899727	73.240	ng	-0.01
79) Terphenyl-d14	12.916	244	862211	62.473	ng	0.00

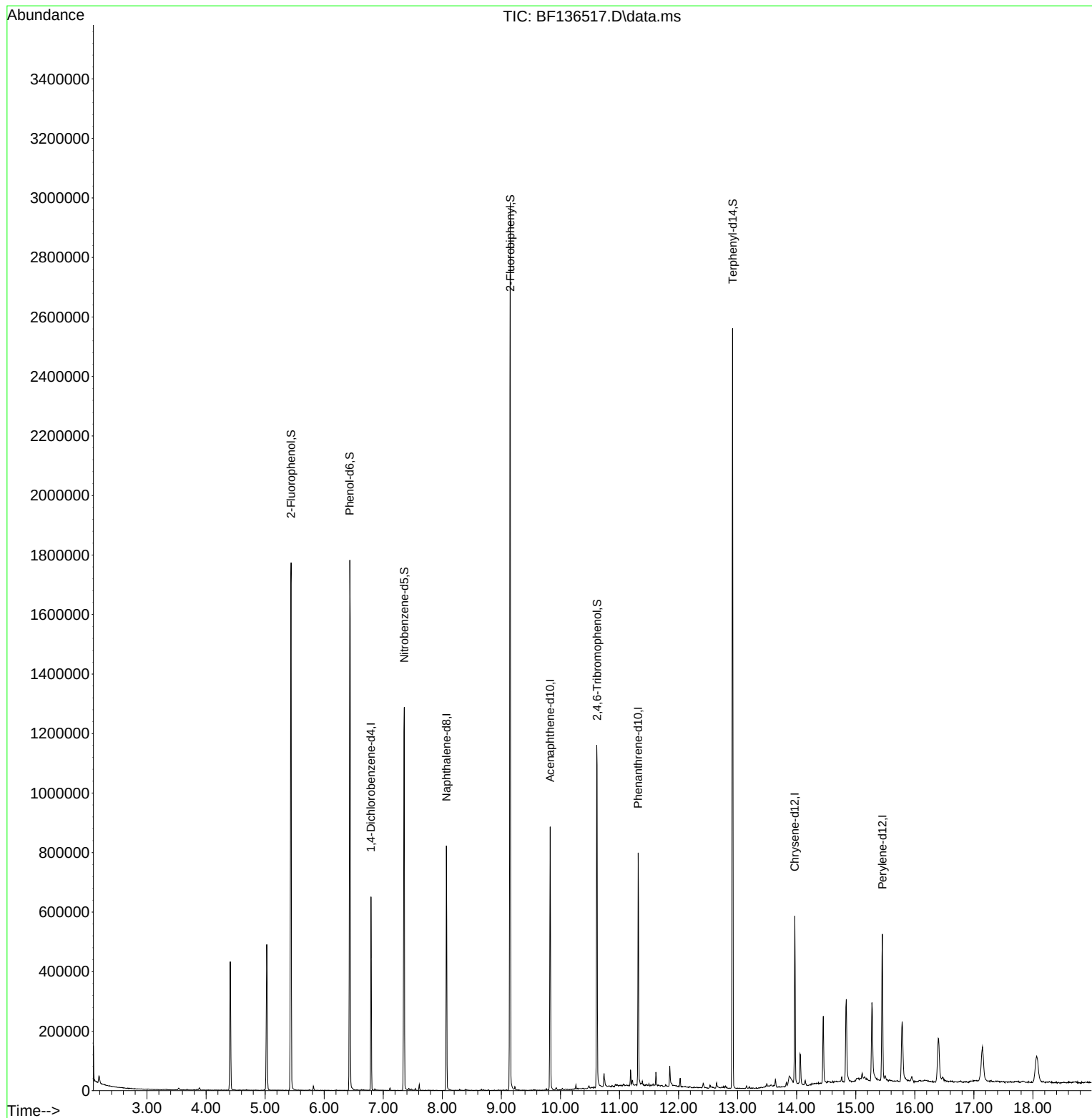
Target Compounds	Qvalue

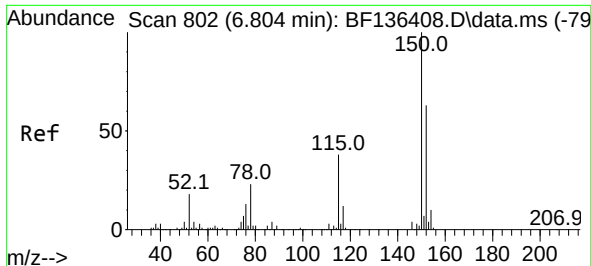
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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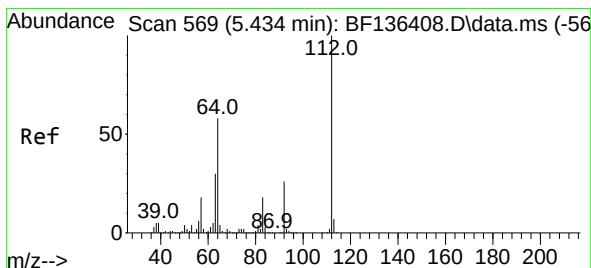
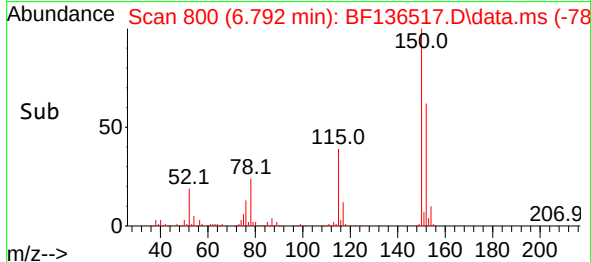
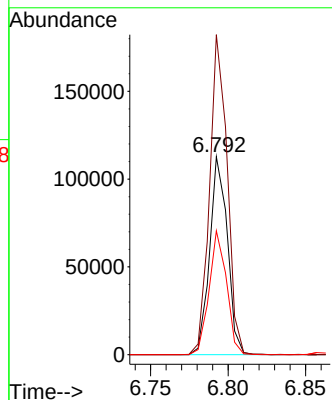
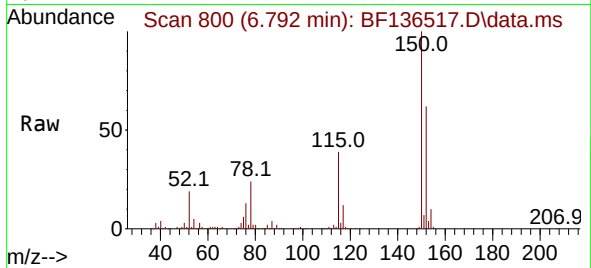




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 802
 Delta R.T. -0.012 min
 Lab File: BF136517.D
 Acq: 12 Dec 2023 15:46

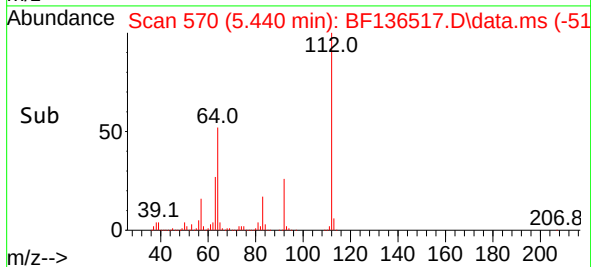
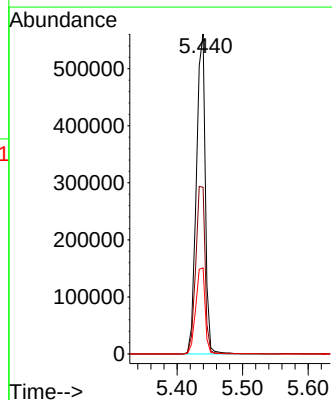
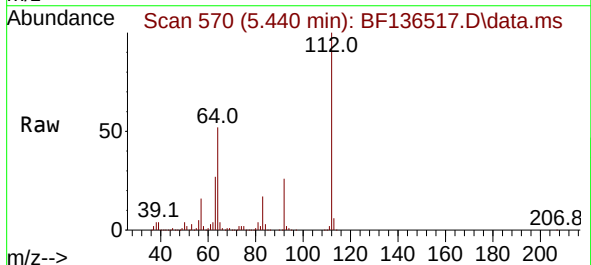
Instrument :
 BNA_F
 ClientSampleId :
 344

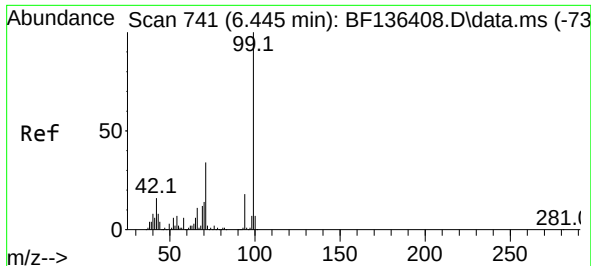
Tgt Ion:	152	Resp:	89527
Ion	Ratio	Lower	Upper
152	100		
150	161.7	126.4	189.6
115	62.6	48.2	72.4



#5
 2-Fluorophenol
 Concen: 87.823 ng
 RT: 5.440 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: BF136517.D
 Acq: 12 Dec 2023 15:46

Tgt Ion:	112	Resp:	532396
Ion	Ratio	Lower	Upper
112	100		
64	52.1	46.5	69.7
63	26.9	23.9	35.9

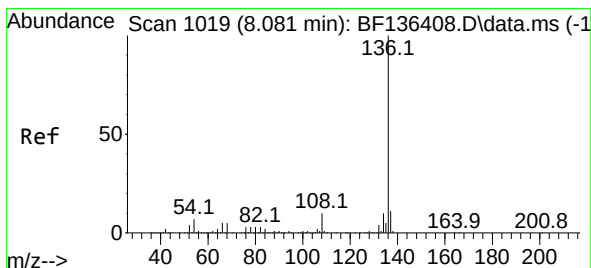
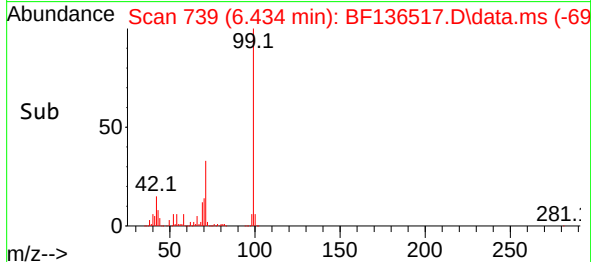
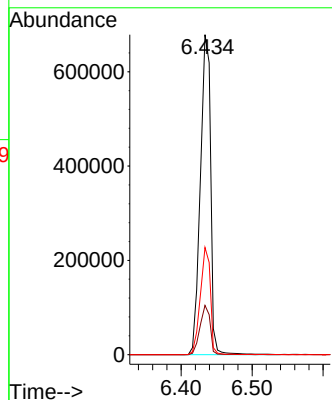
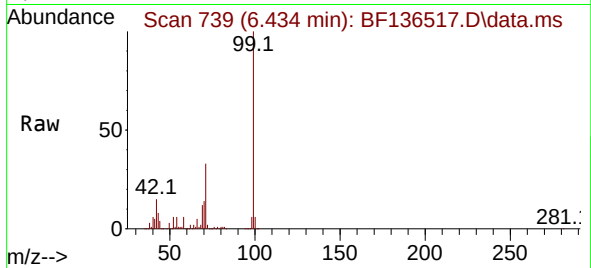




#7
Phenol-d6
Concen: 90.753 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136517.D
Acq: 12 Dec 2023 15:46

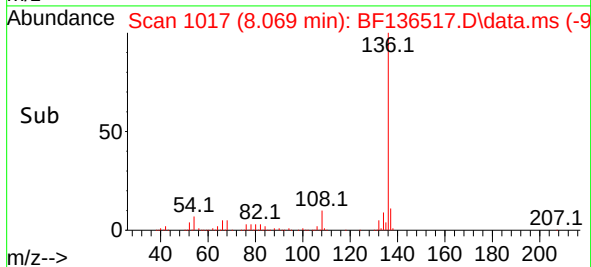
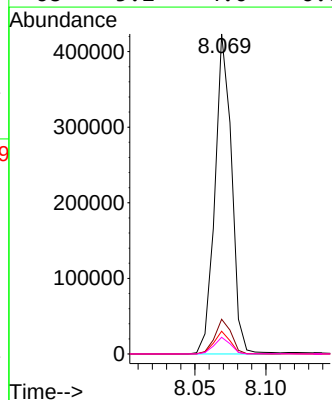
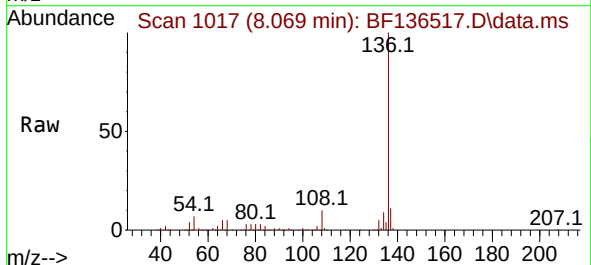
Instrument :
BNA_F
ClientSampleId :
344

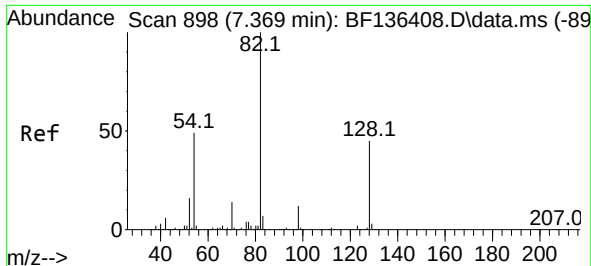
Tgt Ion: 99 Resp: 686405
Ion Ratio Lower Upper
99 100
42 15.4 12.8 19.2
71 33.5 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136517.D
Acq: 12 Dec 2023 15:46

Tgt Ion: 136 Resp: 346928
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.1 5.7 8.5
68 5.2 4.0 6.0





#23

Nitrobenzene-d5

Concen: 69.015 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136517.D

Acq: 12 Dec 2023 15:46

Instrument :

BNA_F

ClientSampleId :

344

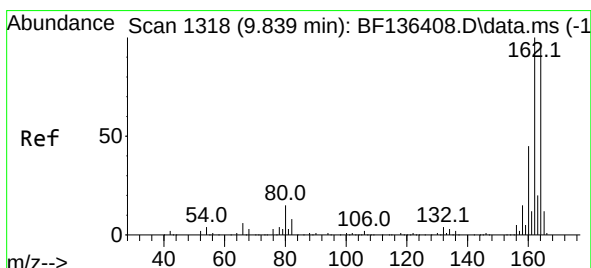
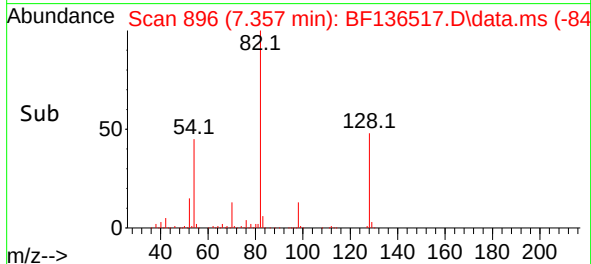
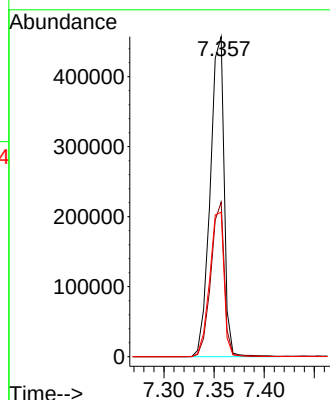
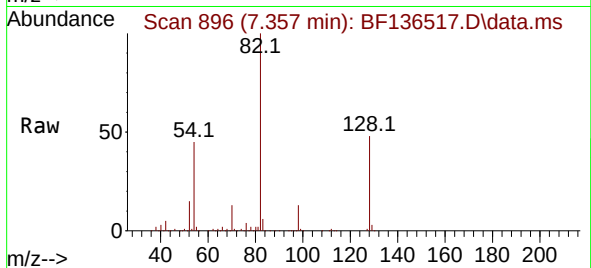
Tgt Ion: 82 Resp: 442898

Ion Ratio Lower Upper

82 100

128 48.3 36.3 54.5

54 45.2 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF136517.D

Acq: 12 Dec 2023 15:46

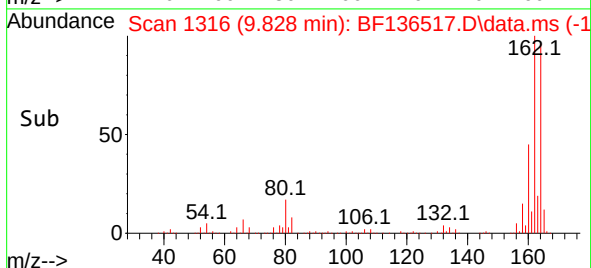
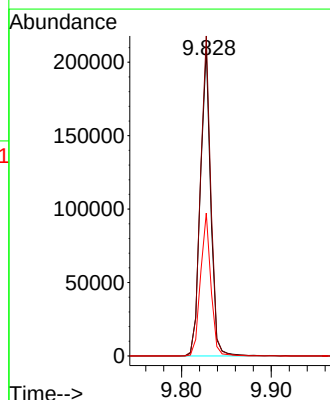
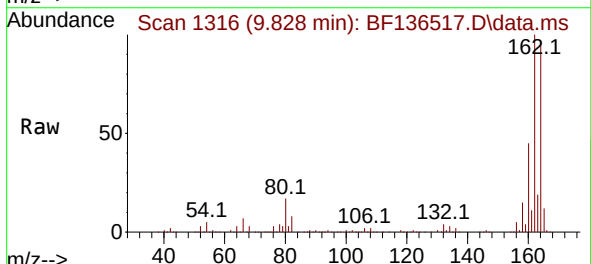
Tgt Ion:164 Resp: 167625

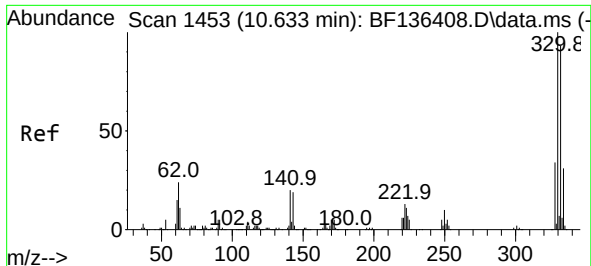
Ion Ratio Lower Upper

164 100

162 104.1 84.4 126.6

160 46.5 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 77.391 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136517.D

Acq: 12 Dec 2023 15:46

Instrument :

BNA_F

ClientSampleId :

344

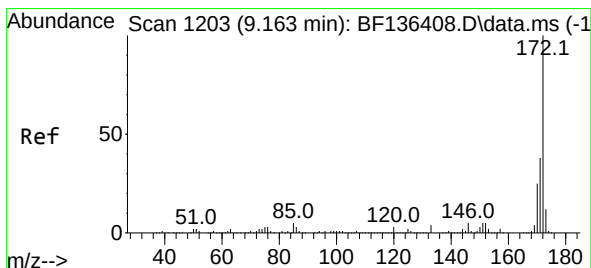
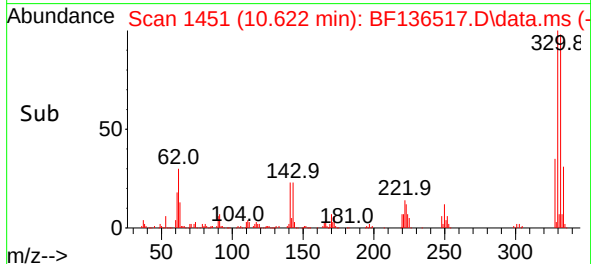
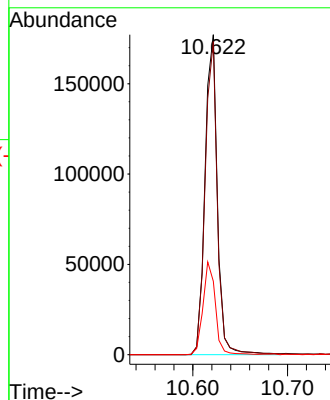
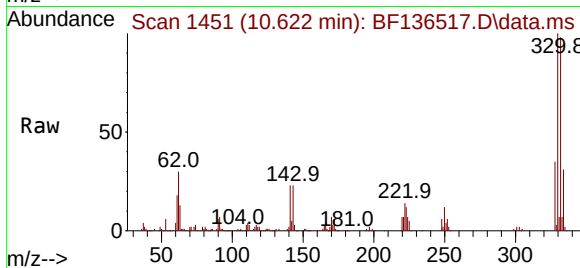
Tgt Ion:330 Resp: 159954

Ion Ratio Lower Upper

330 100

332 96.9 76.4 114.6

141 29.0 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 73.240 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136517.D

Acq: 12 Dec 2023 15:46

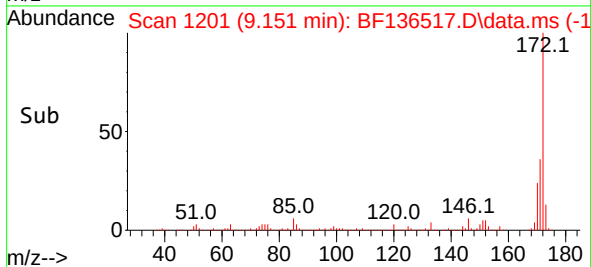
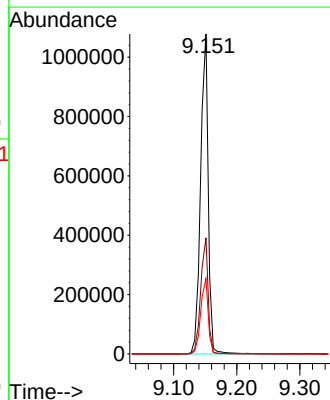
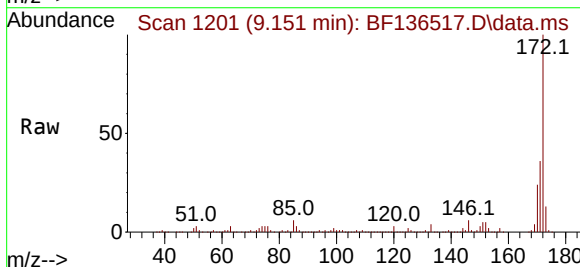
Tgt Ion:172 Resp: 899727

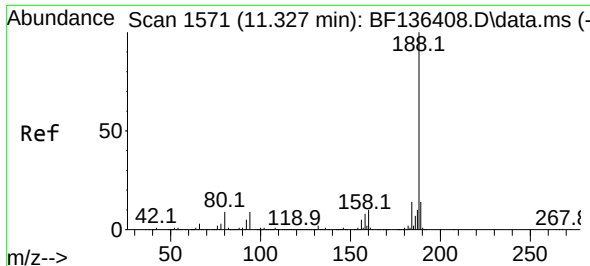
Ion Ratio Lower Upper

172 100

171 36.3 30.5 45.7

170 23.6 19.9 29.9

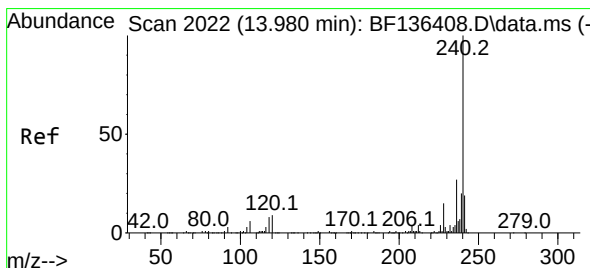
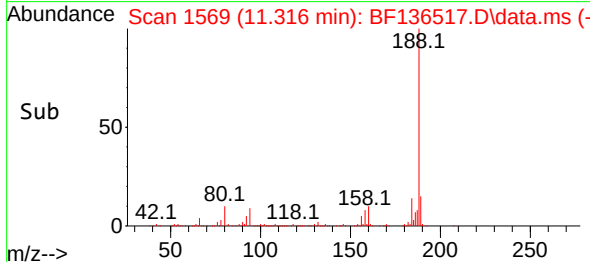
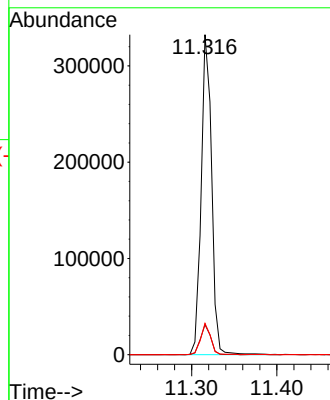
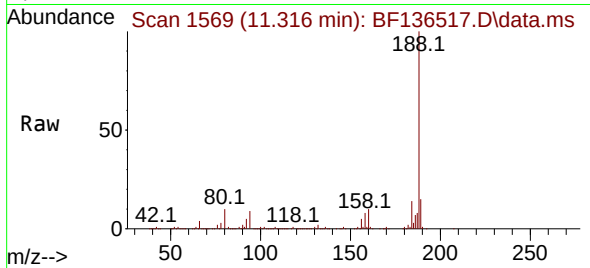




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136517.D
Acq: 12 Dec 2023 15:46

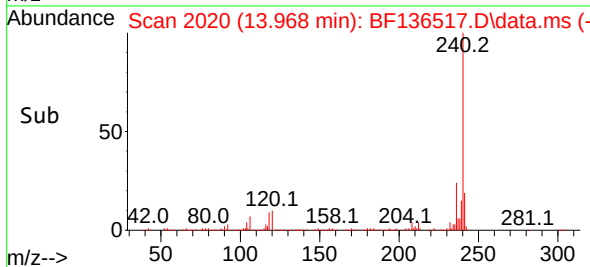
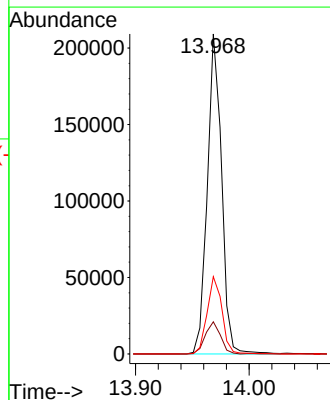
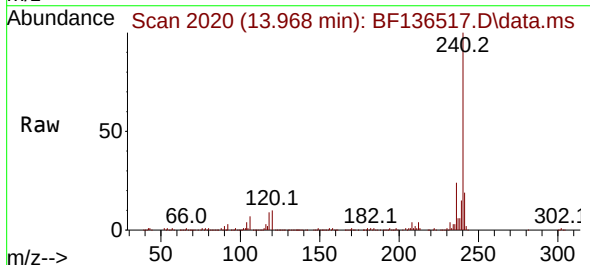
Instrument :
BNA_F
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344

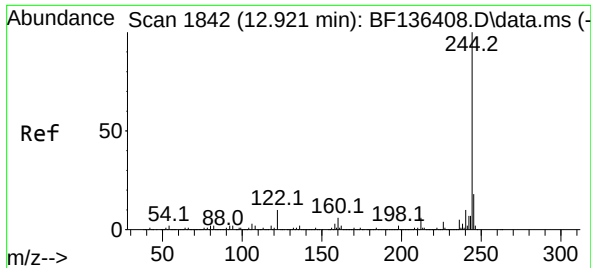
Tgt Ion:188 Resp: 283195
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 9.8 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136517.D
Acq: 12 Dec 2023 15:46

Tgt Ion:240 Resp: 181908
Ion Ratio Lower Upper
240 100
120 10.0 7.3 10.9
236 24.2 21.3 31.9

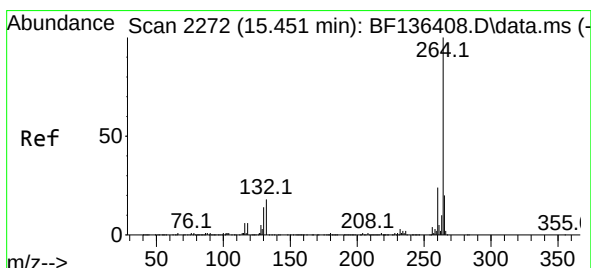
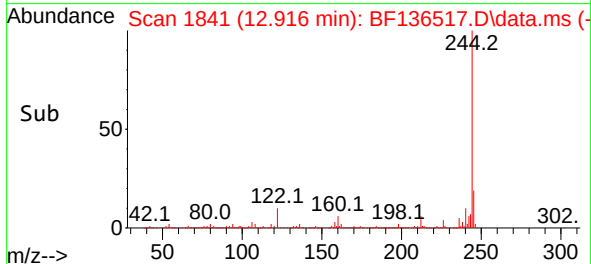
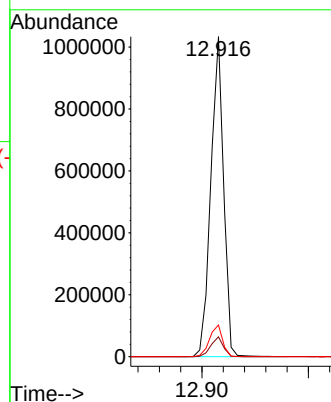
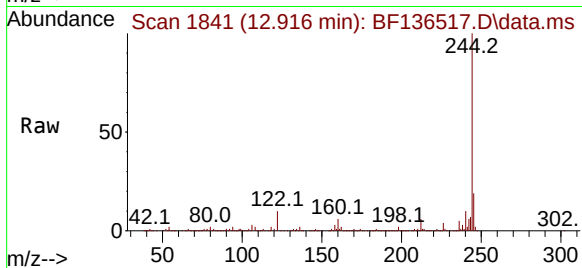




#79
 Terphenyl-d14
 Concen: 62.473 ng
 RT: 12.916 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF136517.D
 Acq: 12 Dec 2023 15:46

Instrument :
 BNA_F
 ClientSampleId :
 344

Tgt Ion:244 Resp: 862211
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 9.9 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: BF136517.D
 Acq: 12 Dec 2023 15:46

Tgt Ion:264 Resp: 221503
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 22.5 15.9 23.9

