

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121523\
 Data File : BF136586.D
 Acq On : 15 Dec 2023 11:23
 Operator : CG\JU
 Sample : PB157778BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157778BL

Quant Time: Dec 15 12:03:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	107073	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	439080	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	244565	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	480424	20.000	ng	0.00
76) Chrysene-d12	13.963	240	290999	20.000	ng	0.00
86) Perylene-d12	15.433	264	245903	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	842274	116.172	ng	0.02
7) Phenol-d6	6.434	99	1048794	115.943	ng	0.00
23) Nitrobenzene-d5	7.345	82	642300	79.081	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	340851	113.033	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1382359	77.126	ng	0.00
79) Terphenyl-d14	12.910	244	1764016	79.899	ng	0.00

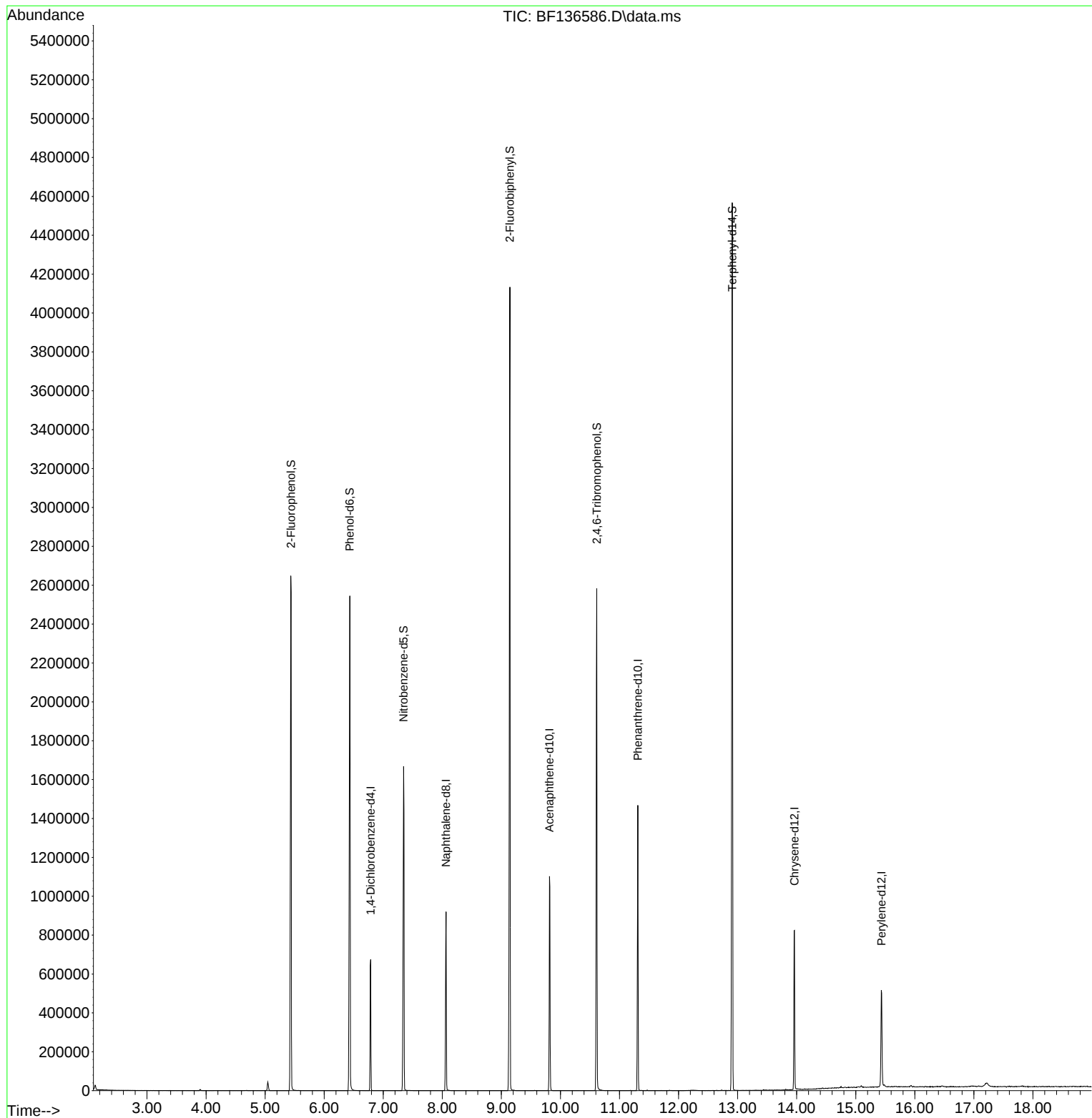
Target Compounds	Qvalue

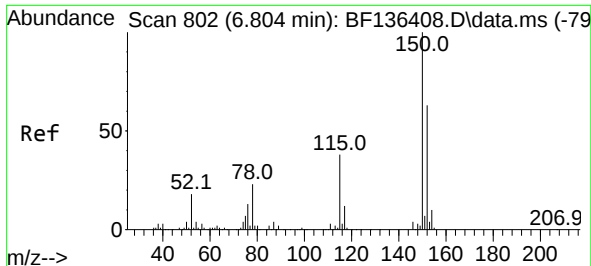
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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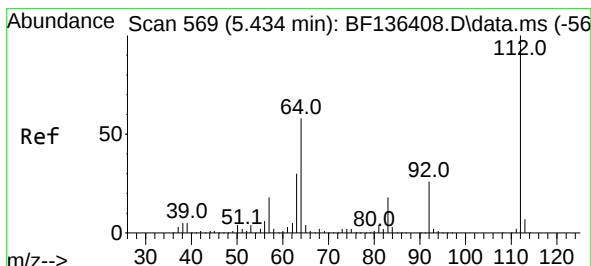
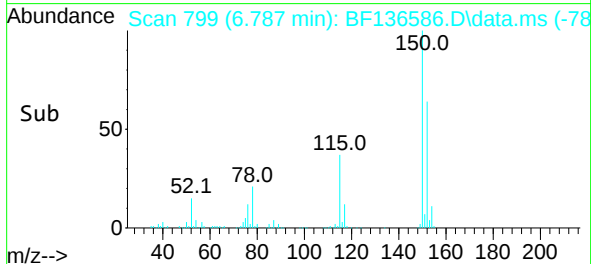
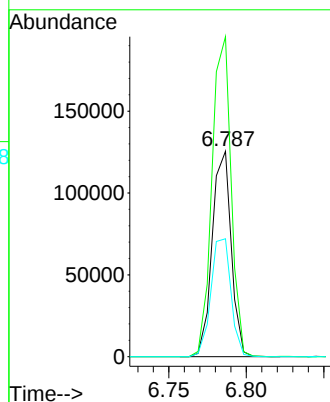
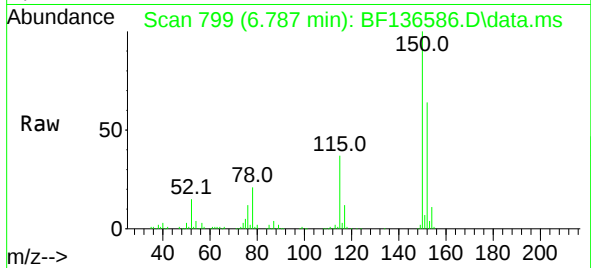




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF136586.D
Acq: 15 Dec 2023 11:23

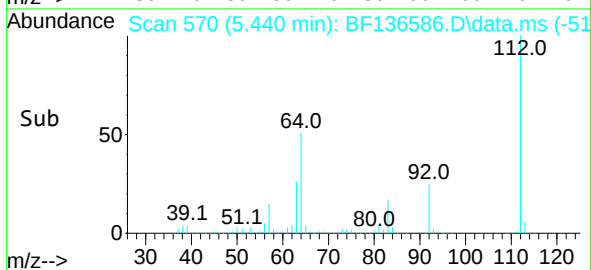
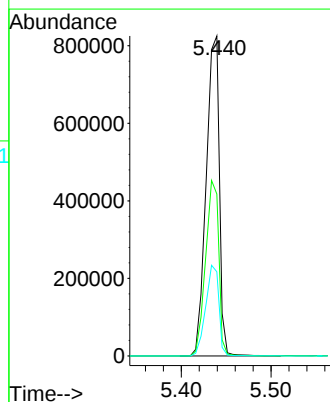
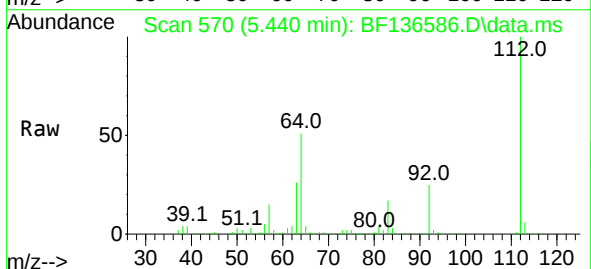
Instrument :
BNA_F
ClientSampleId :
PB157778BL

Tgt Ion:152 Resp: 107073
Ion Ratio Lower Upper
152 100
150 155.8 126.4 189.6
115 57.4 48.2 72.4



#5
2-Fluorophenol
Concen: 116.172 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.018 min
Lab File: BF136586.D
Acq: 15 Dec 2023 11:23

Tgt Ion:112 Resp: 842274
Ion Ratio Lower Upper
112 100
64 50.6 46.5 69.7
63 26.3 23.9 35.9

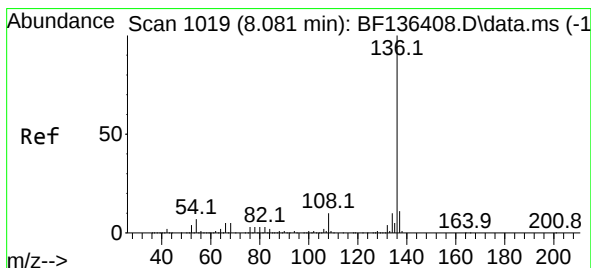
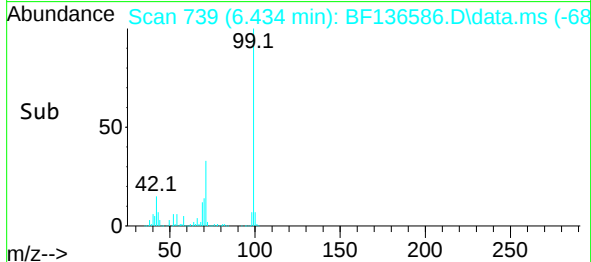
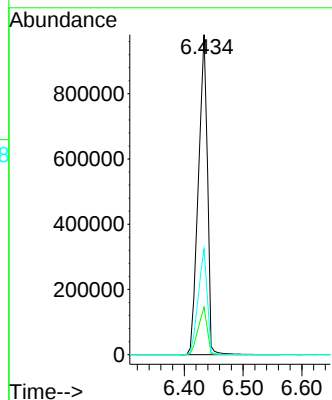
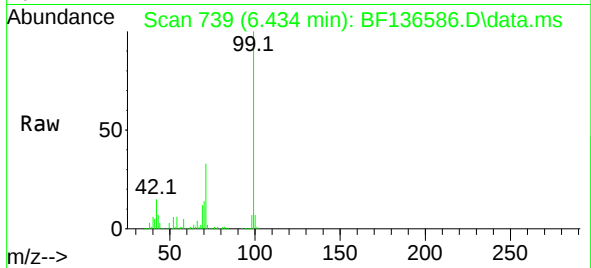




#7
Phenol-d6
Concen: 115.943 ng
RT: 6.434 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136586.D
Acq: 15 Dec 2023 11:23

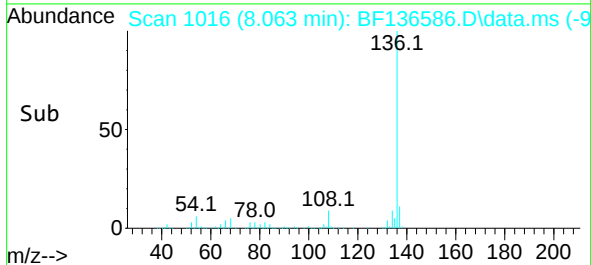
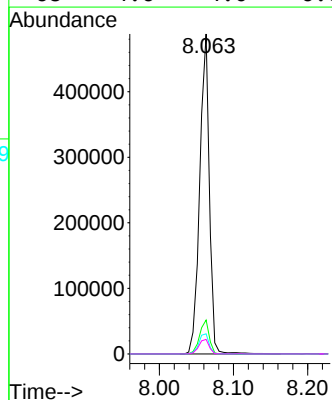
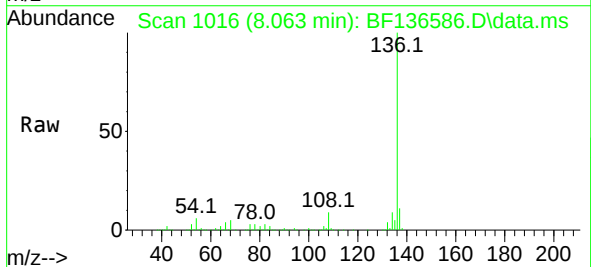
Instrument :
BNA_F
ClientSampleId :
PB157778BL

Tgt Ion: 99 Resp: 1048794
Ion Ratio Lower Upper
99 100
42 14.9 12.8 19.2
71 33.1 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136586.D
Acq: 15 Dec 2023 11:23

Tgt Ion: 136 Resp: 439080
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 6.3 5.7 8.5
68 4.6 4.0 6.0





#23

Nitrobenzene-d5

Concen: 79.081 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136586.D

Acq: 15 Dec 2023 11:23

Instrument :

BNA_F

ClientSampleId :

PB157778BL

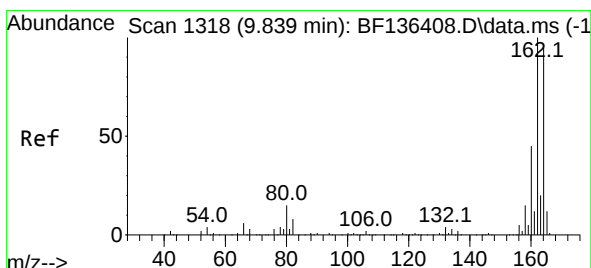
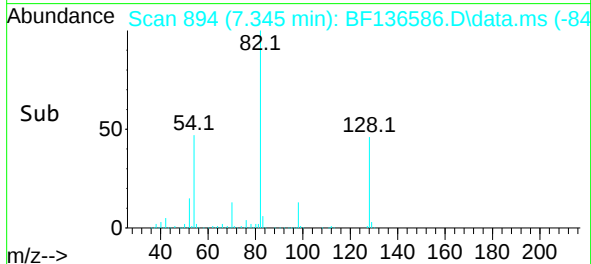
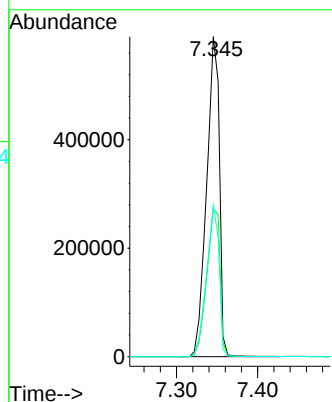
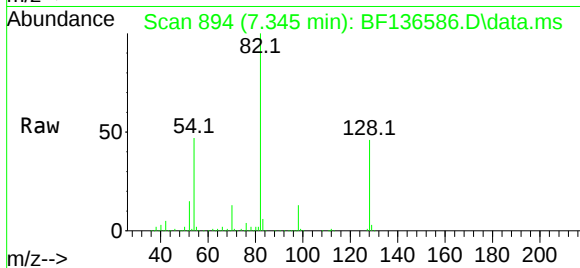
Tgt Ion: 82 Resp: 642300

Ion Ratio Lower Upper

82 100

128 46.1 36.3 54.5

54 47.2 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF136586.D

Acq: 15 Dec 2023 11:23

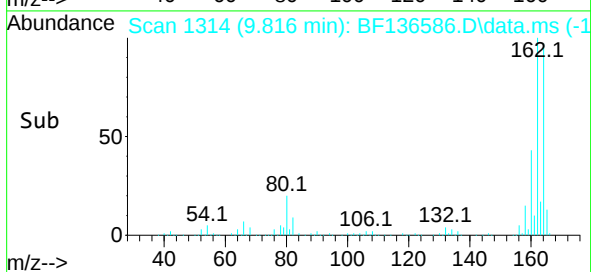
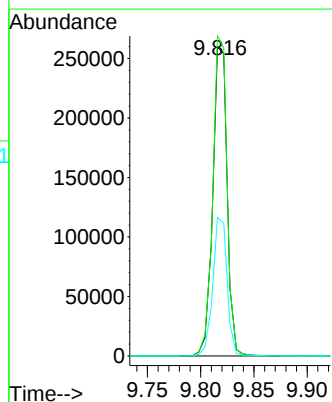
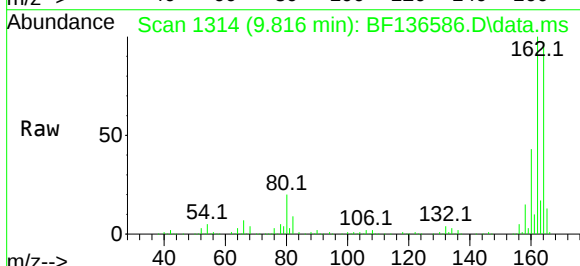
Tgt Ion: 164 Resp: 244565

Ion Ratio Lower Upper

164 100

162 103.6 84.4 126.6

160 44.9 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 113.033 ng

RT: 10.616 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF136586.D

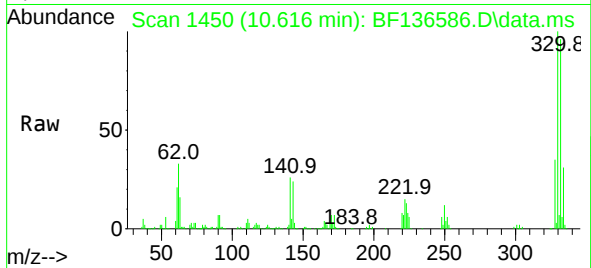
Acq: 15 Dec 2023 11:23

Instrument :

BNA_F

ClientSampleId :

PB157778BL



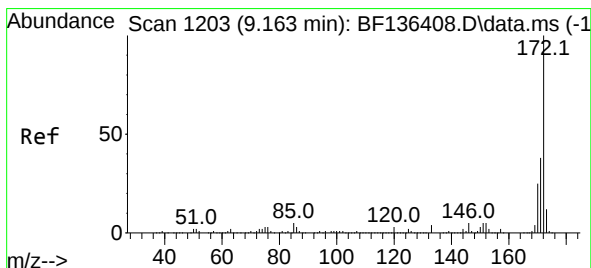
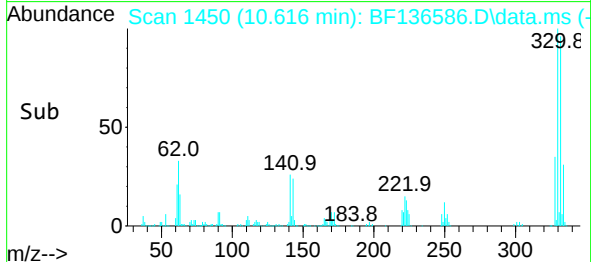
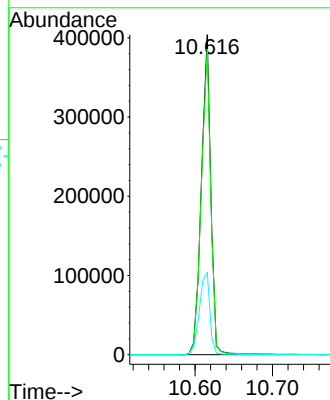
Tgt Ion:330 Resp: 340851

Ion Ratio Lower Upper

330 100

332 96.5 76.4 114.6

141 28.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 77.126 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BF136586.D

Acq: 15 Dec 2023 11:23

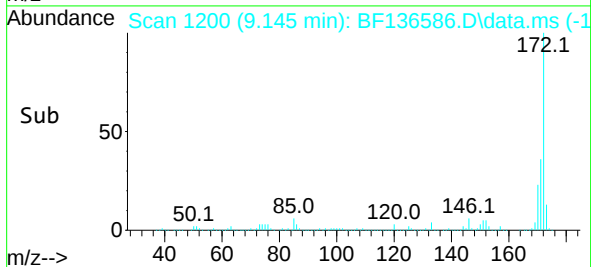
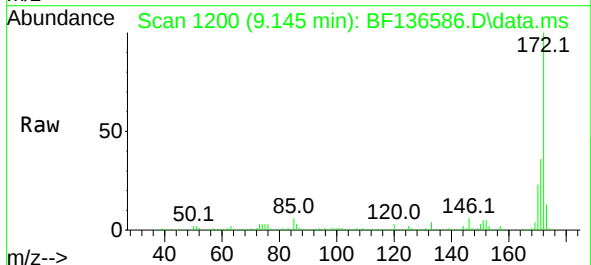
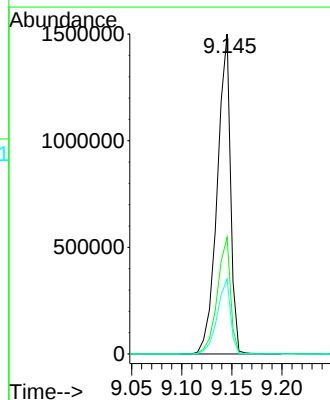
Tgt Ion:172 Resp: 1382359

Ion Ratio Lower Upper

172 100

171 36.4 30.5 45.7

170 23.4 19.9 29.9

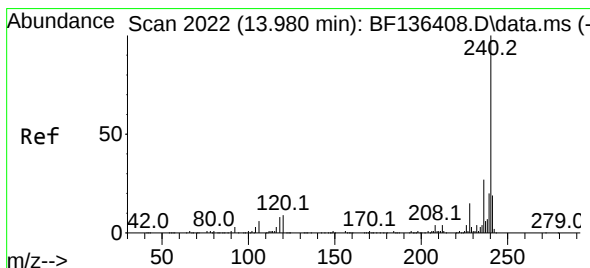
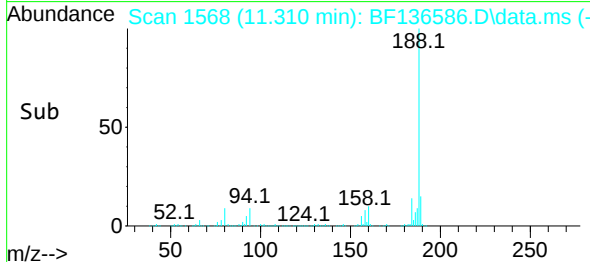
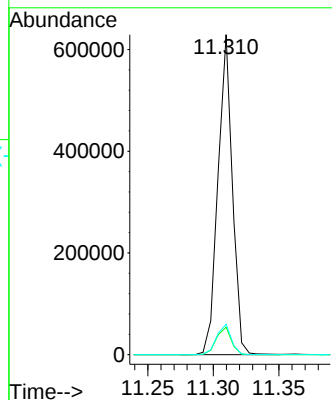
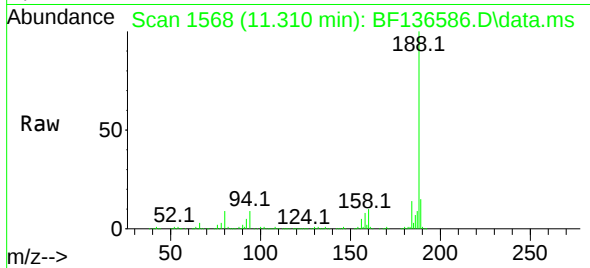




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136586.D
Acq: 15 Dec 2023 11:23

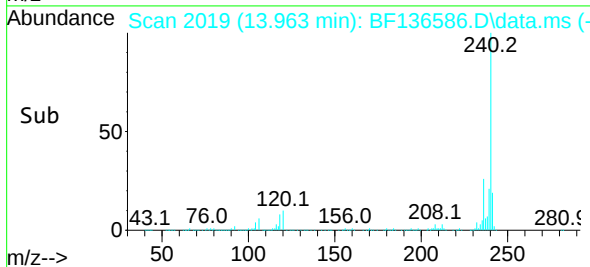
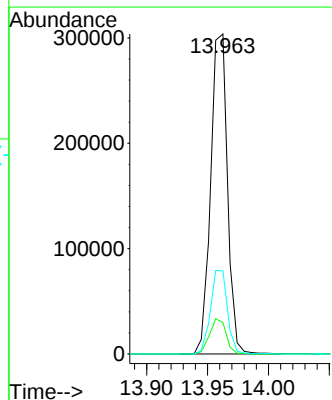
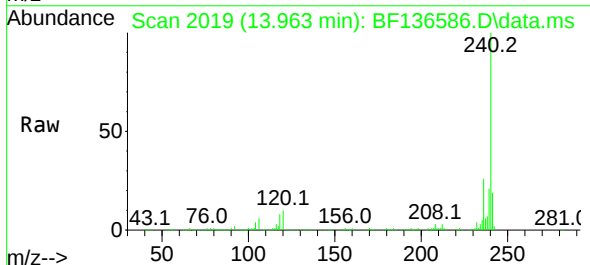
Instrument :
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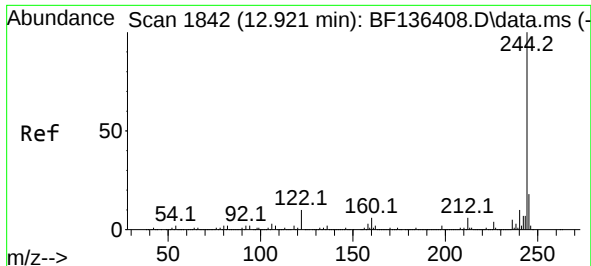
Tgt Ion:188 Resp: 480424
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 9.5 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136586.D
Acq: 15 Dec 2023 11:23

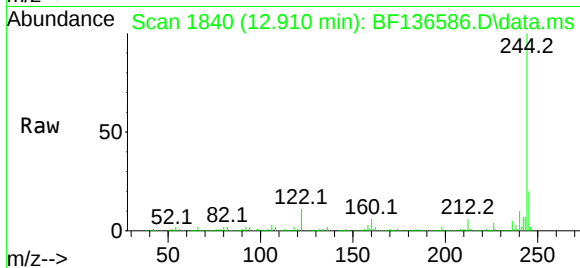
Tgt Ion:240 Resp: 290999
Ion Ratio Lower Upper
240 100
120 9.8 7.3 10.9
236 26.0 21.3 31.9





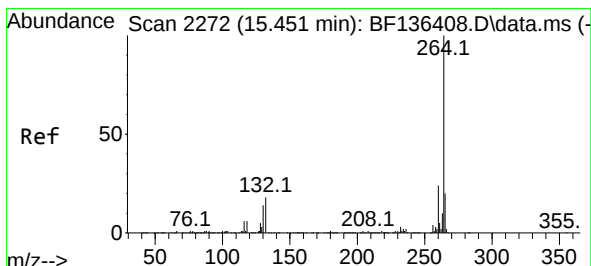
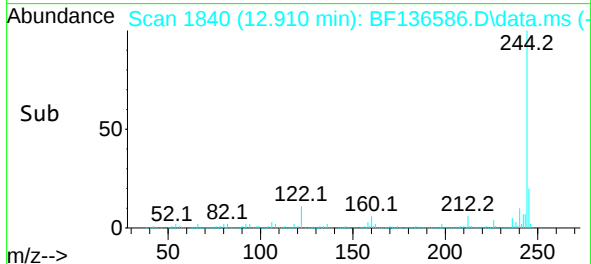
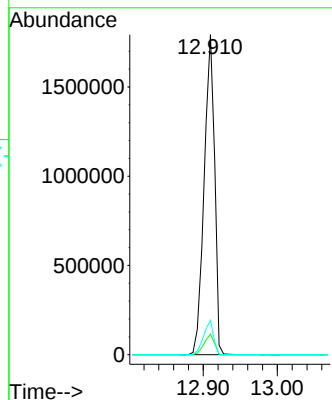
#79
 Terphenyl-d14
 Concen: 79.899 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF136586.D
 Acq: 15 Dec 2023 11:23

Instrument :
 BNA_F
 ClientSampleId :
 PB157778BL



Tgt Ion:244 Resp: 1764016

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.0	7.4
122	10.8	8.3	12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF136586.D
 Acq: 15 Dec 2023 11:23

Tgt Ion:264 Resp: 245903

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.3	15.9	23.9

