

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136570.D
 Acq On : 14 Dec 2023 16:07
 Operator : CG\JU
 Sample : PB157641BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157641BL

Quant Time: Dec 14 16:34:21 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	6.787	152	108938	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	452354	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	239124	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	473431	20.000	ng	-0.02
76) Chrysene-d12	13.963	240	297519	20.000	ng	-0.02
86) Perylene-d12	15.439	264	240918	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	610265	82.731	ng	0.00
7) Phenol-d6	6.428	99	758108	82.373	ng	-0.02
23) Nitrobenzene-d5	7.345	82	672314	80.348	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	236723	80.288	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1423871	81.250	ng	-0.02
79) Terphenyl-d14	12.910	244	1808474	80.118	ng	-0.01

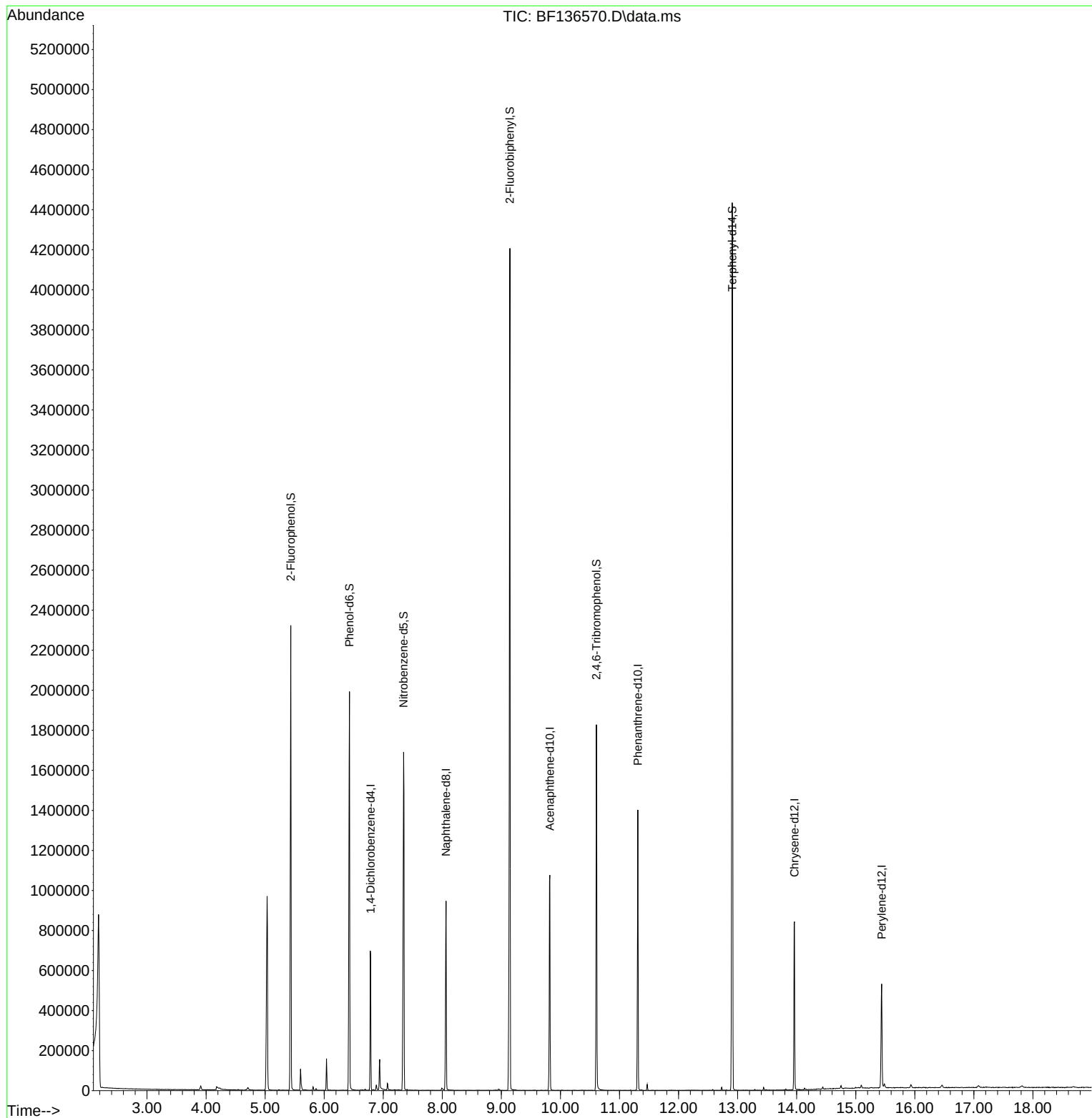
Target Compounds	Qvalue

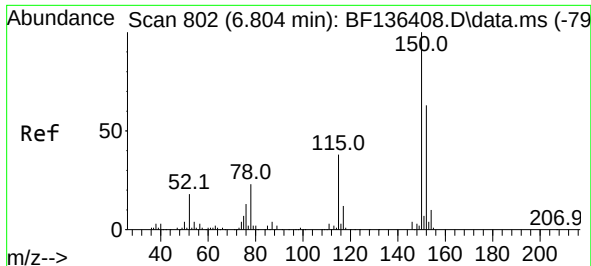
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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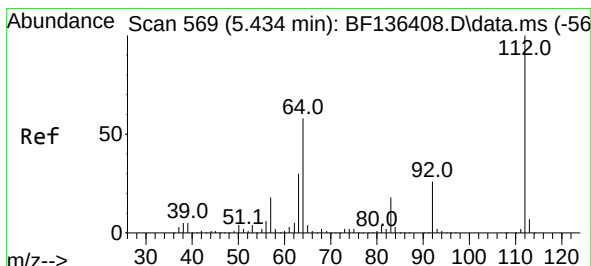
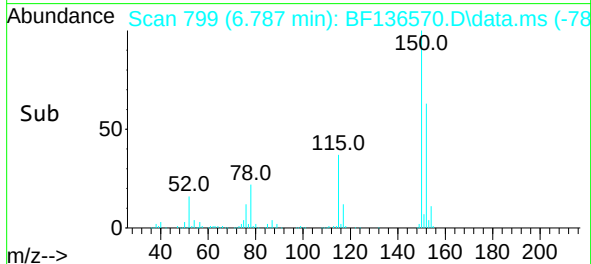
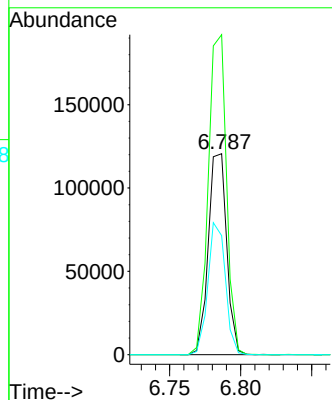
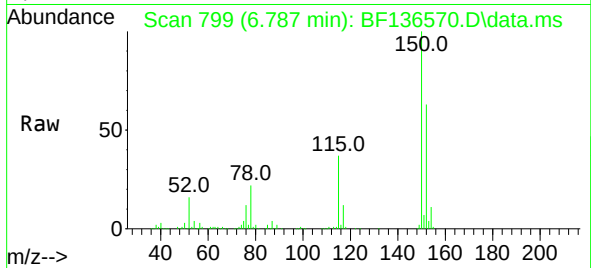




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.017 min
Lab File: BF136570.D
Acq: 14 Dec 2023 16:07

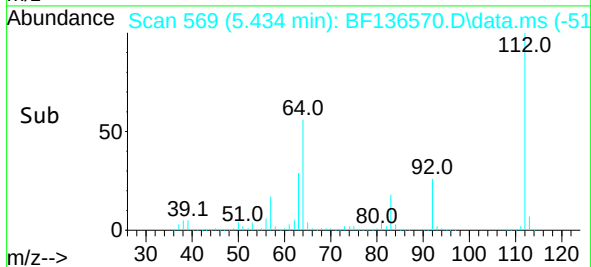
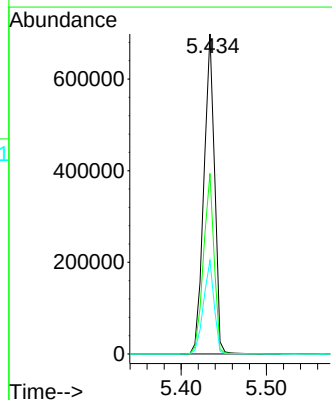
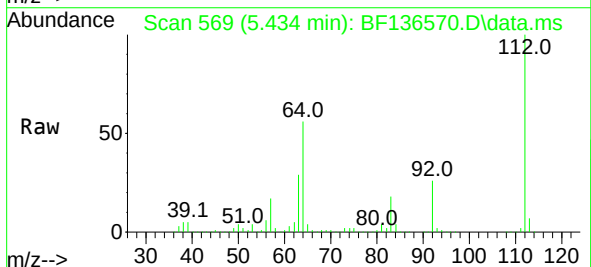
Instrument :
BNA_F
ClientSampleId :
PB157641BL

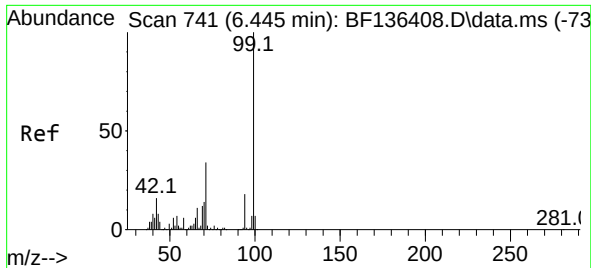
Tgt Ion:152 Resp: 108938
Ion Ratio Lower Upper
152 100
150 159.2 126.4 189.6
115 59.2 48.2 72.4



#5
2-Fluorophenol
Concen: 82.731 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.000 min
Lab File: BF136570.D
Acq: 14 Dec 2023 16:07

Tgt Ion:112 Resp: 610265
Ion Ratio Lower Upper
112 100
64 56.4 46.5 69.7
63 29.2 23.9 35.9

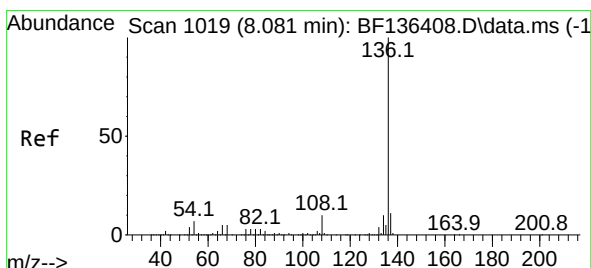
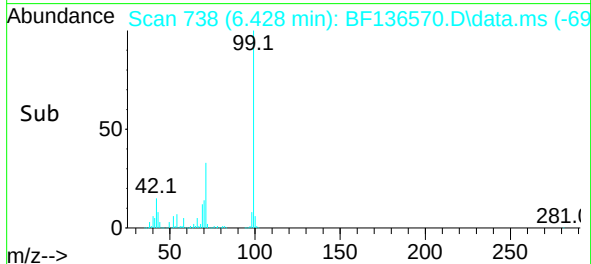
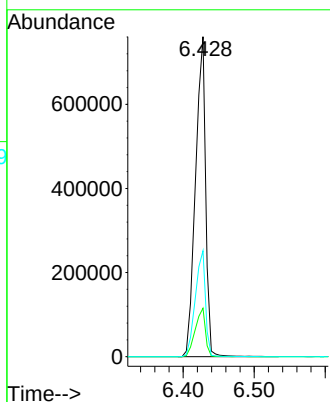
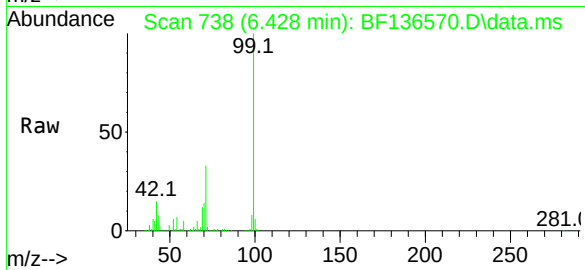




#7
Phenol-d6
Concen: 82.373 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136570.D
Acq: 14 Dec 2023 16:07

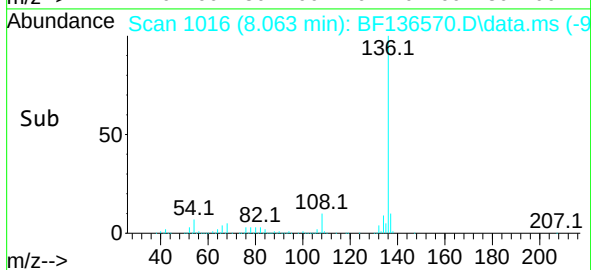
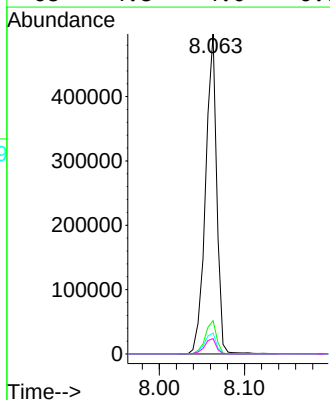
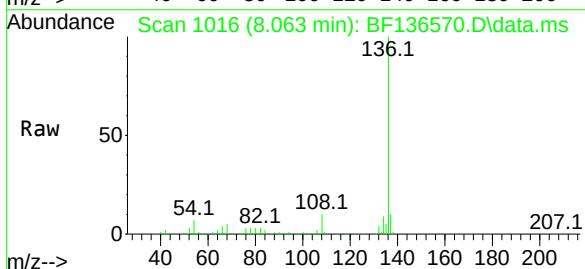
Instrument :
BNA_F
ClientSampleId :
PB157641BL

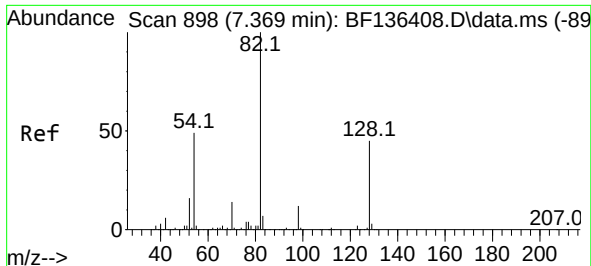
Tgt Ion: 99 Resp: 758108
Ion Ratio Lower Upper
99 100
42 15.2 12.8 19.2
71 33.1 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF136570.D
Acq: 14 Dec 2023 16:07

Tgt Ion: 136 Resp: 452354
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 6.6 5.7 8.5
68 4.8 4.0 6.0





#23

Nitrobenzene-d5

Concen: 80.348 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.024 min

Lab File: BF136570.D

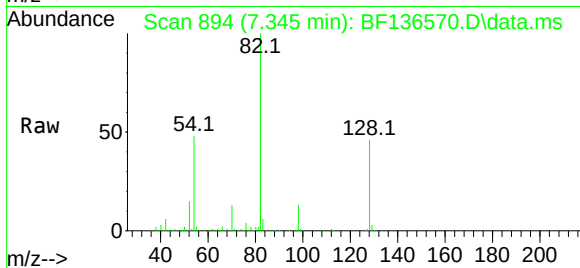
Acq: 14 Dec 2023 16:07

Instrument :

BNA_F

ClientSampleId :

PB157641BL



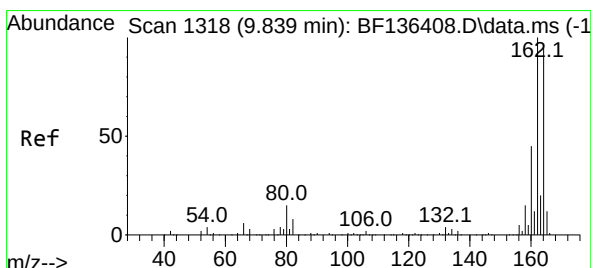
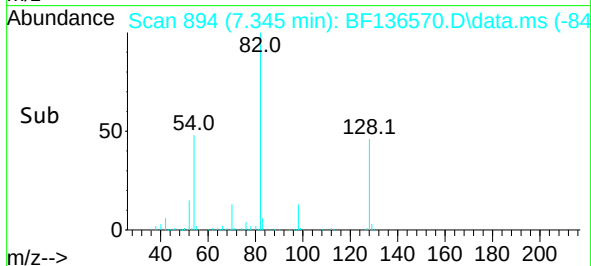
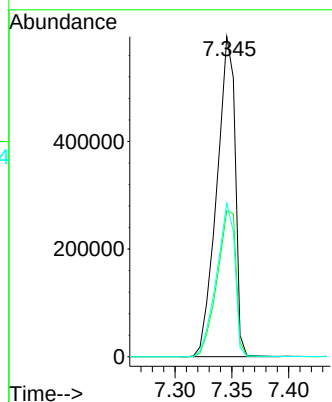
Tgt Ion: 82 Resp: 672314

Ion Ratio Lower Upper

82 100

128 45.6 36.3 54.5

54 48.0 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.018 min

Lab File: BF136570.D

Acq: 14 Dec 2023 16:07

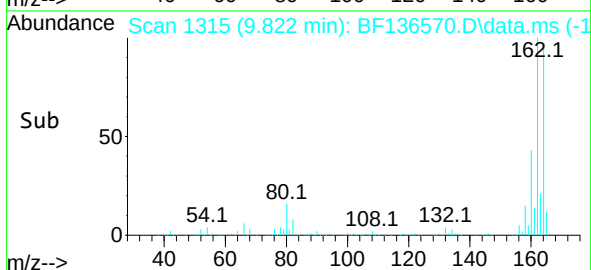
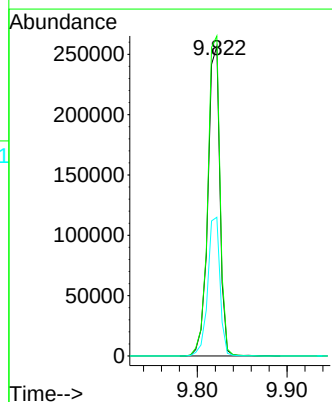
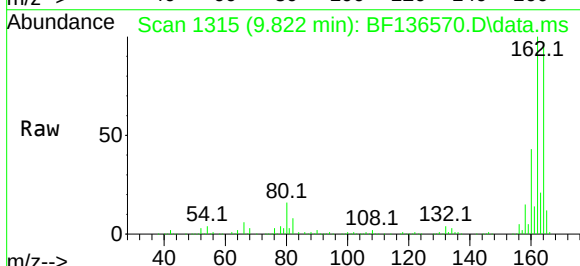
Tgt Ion: 164 Resp: 239124

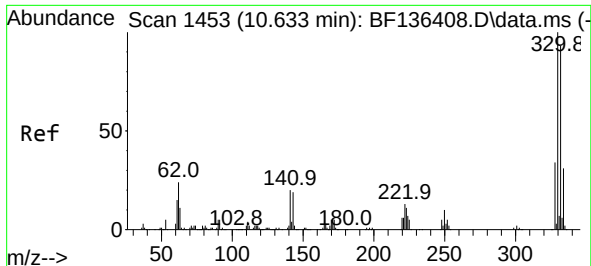
Ion Ratio Lower Upper

164 100

162 103.4 84.4 126.6

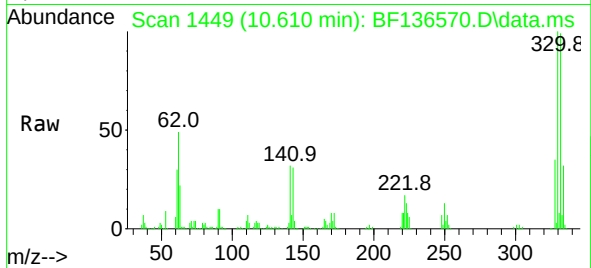
160 44.8 37.6 56.4



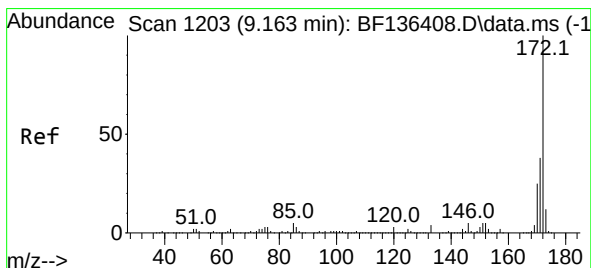
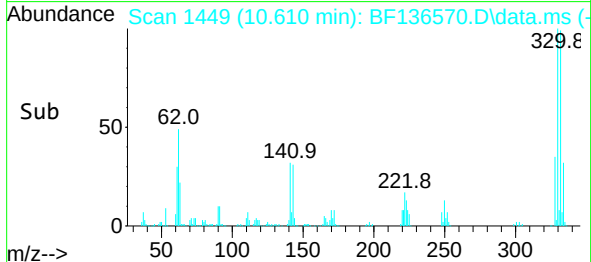
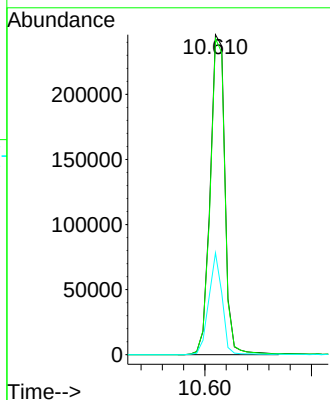


#42
2,4,6-Tribromophenol
Concen: 80.288 ng
RT: 10.610 min Scan# 1453
Delta R.T. -0.024 min
Lab File: BF136570.D
Acq: 14 Dec 2023 16:07

Instrument :
BNA_F
ClientSampleId :
PB157641BL

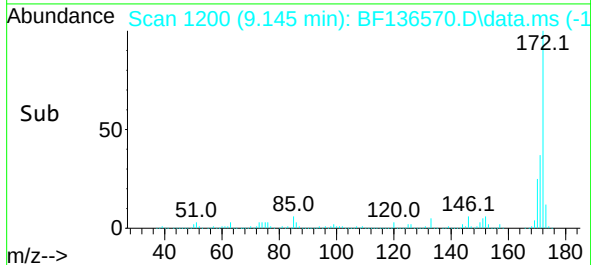
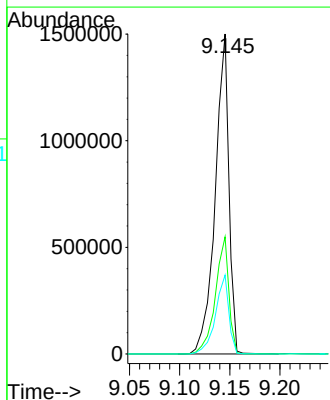
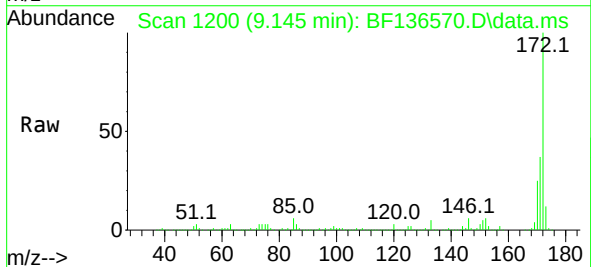


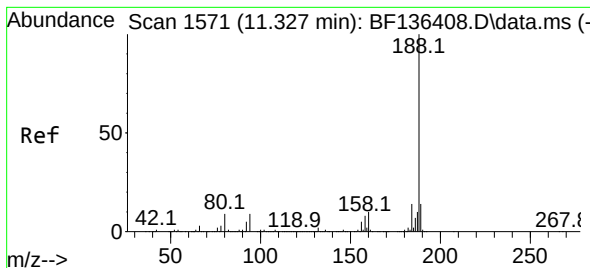
Tgt Ion:330 Resp: 236723
Ion Ratio Lower Upper
330 100
332 98.5 76.4 114.6
141 28.8 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 81.250 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.018 min
Lab File: BF136570.D
Acq: 14 Dec 2023 16:07

Tgt Ion:172 Resp: 1423871
Ion Ratio Lower Upper
172 100
171 36.6 30.5 45.7
170 24.7 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF136570.D

Acq: 14 Dec 2023 16:07

Instrument :

BNA_F

ClientSampleId :

PB157641BL

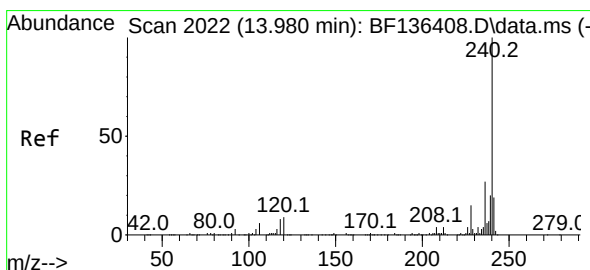
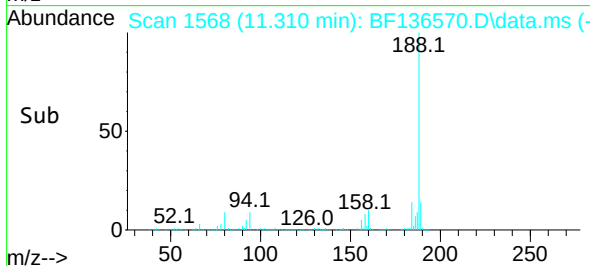
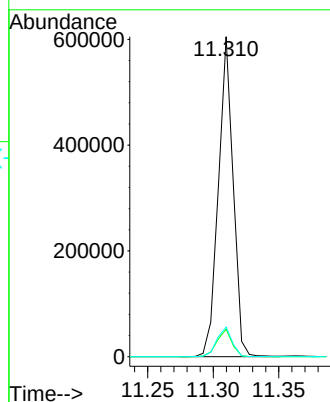
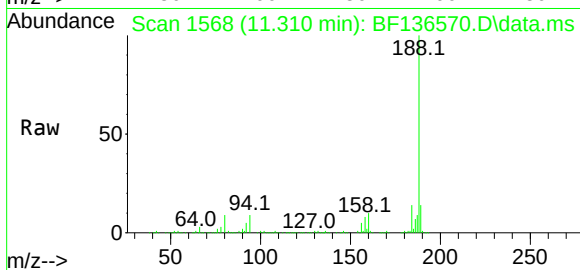
Tgt Ion:188 Resp: 473431

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

80 9.3 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.018 min

Lab File: BF136570.D

Acq: 14 Dec 2023 16:07

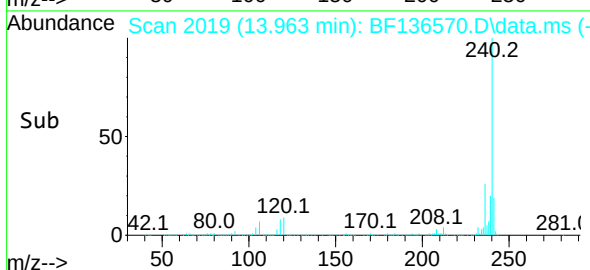
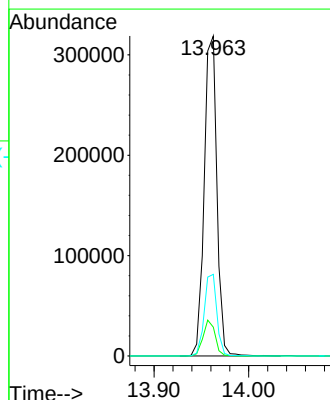
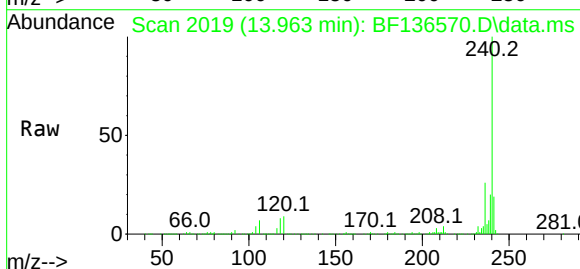
Tgt Ion:240 Resp: 297519

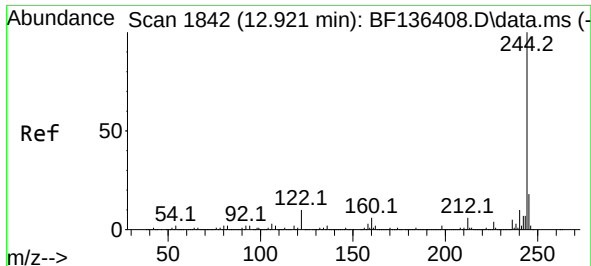
Ion Ratio Lower Upper

240 100

120 9.0 7.3 10.9

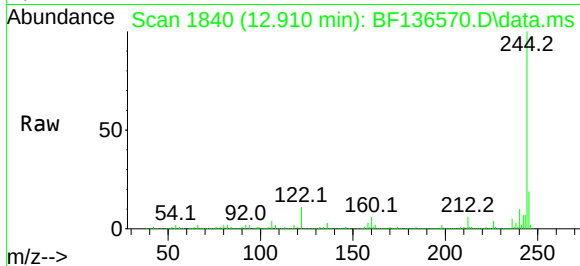
236 25.5 21.3 31.9





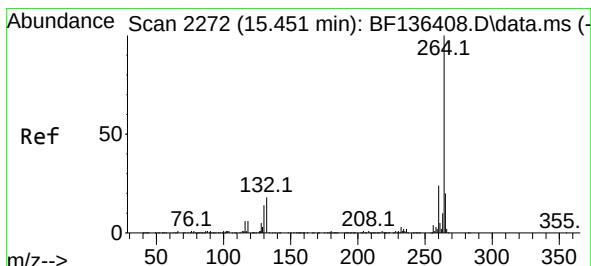
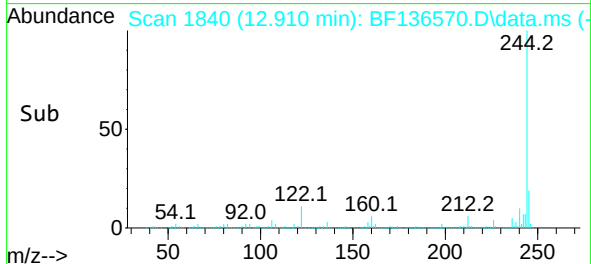
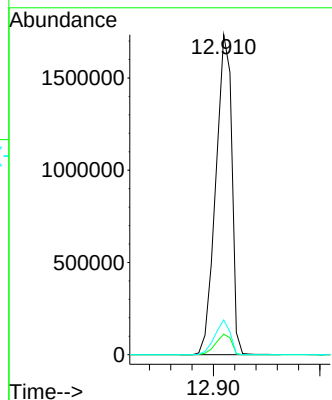
#79
 Terphenyl-d14
 Concen: 80.118 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF136570.D
 Acq: 14 Dec 2023 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB157641BL



Tgt Ion:244 Resp: 1808474

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.0	7.4
122	10.9	8.3	12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.012 min
 Lab File: BF136570.D
 Acq: 14 Dec 2023 16:07

Tgt Ion:264 Resp: 240918

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.8	15.9	23.9

