

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
 Data File : BF136467.D
 Acq On : 08 Dec 2023 15:01
 Operator : CG\JU
 Sample : PB157576TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157576TB

Quant Time: Dec 08 15:19:25 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	117122	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	477598	20.000	ng	-0.01
39) Acenaphthene-d10	9.827	164	255485	20.000	ng	-0.01
64) Phenanthrene-d10	11.321	188	478541	20.000	ng	0.00
76) Chrysene-d12	13.968	240	269435	20.000	ng	#-0.01
86) Perylene-d12	15.451	264	238643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	915458	115.433	ng	0.02
7) Phenol-d6	6.439	99	1121425	113.336	ng	0.00
23) Nitrobenzene-d5	7.357	82	690268	78.133	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	363046	115.247	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1462947	78.133	ng	-0.01
79) Terphenyl-d14	12.921	244	1655212	80.971	ng	0.00

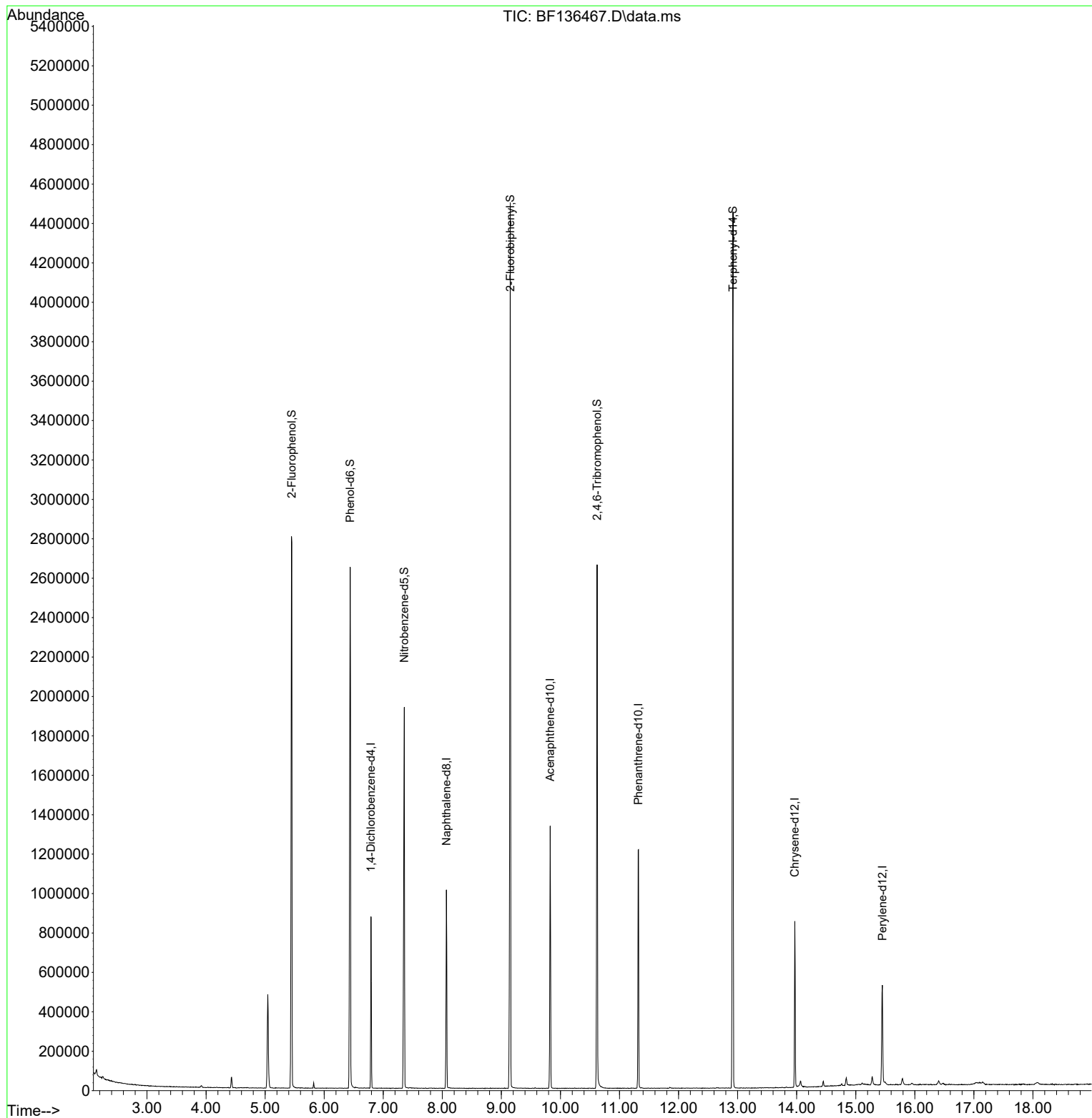
Target Compounds Qvalue

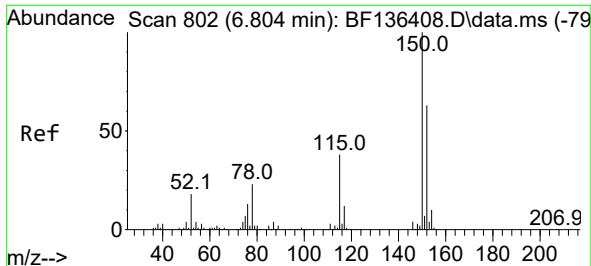
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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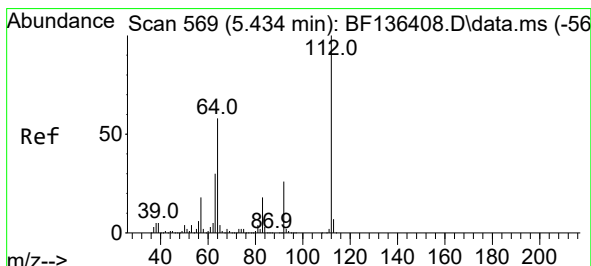
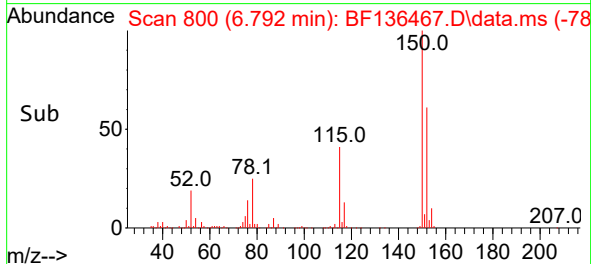
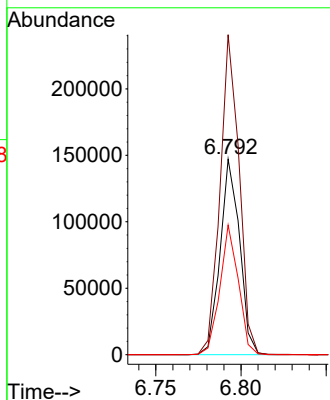
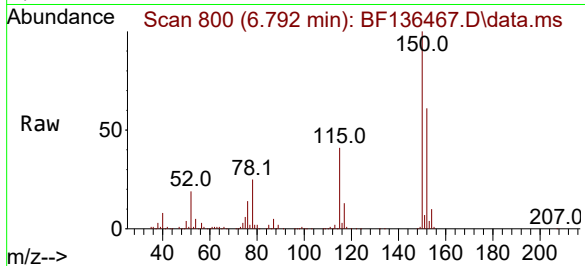




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BF136467.D
 Acq: 08 Dec 2023 15:01

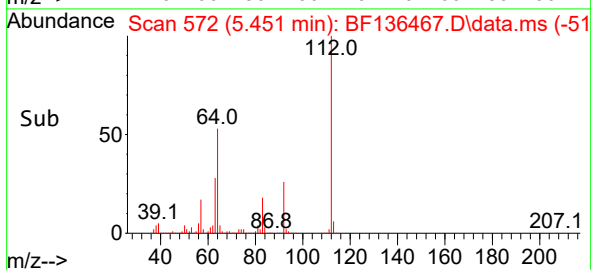
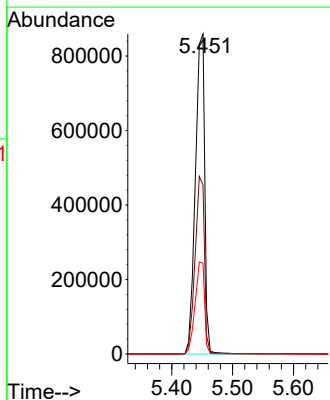
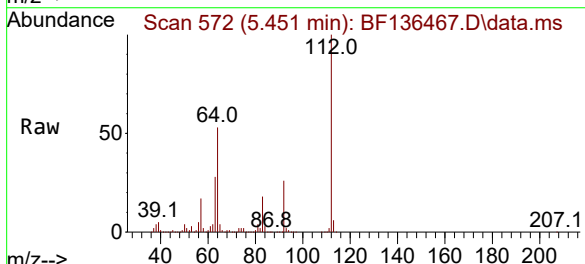
Instrument :
 BNA_F
 ClientSampleId :
 PB157576TB

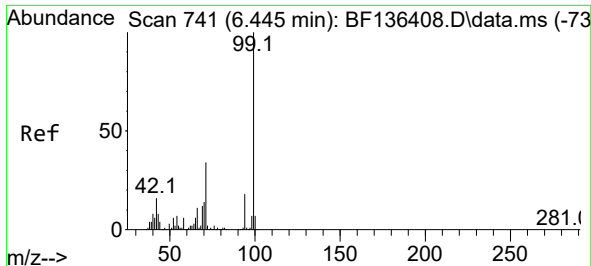
Tgt Ion:152 Resp: 117122
 Ion Ratio Lower Upper
 152 100
 150 163.6 126.4 189.6
 115 66.3 48.2 72.4



#5
 2-Fluorophenol
 Concen: 115.433 ng
 RT: 5.451 min Scan# 572
 Delta R.T. 0.018 min
 Lab File: BF136467.D
 Acq: 08 Dec 2023 15:01

Tgt Ion:112 Resp: 915458
 Ion Ratio Lower Upper
 112 100
 64 52.8 46.5 69.7
 63 28.4 23.9 35.9

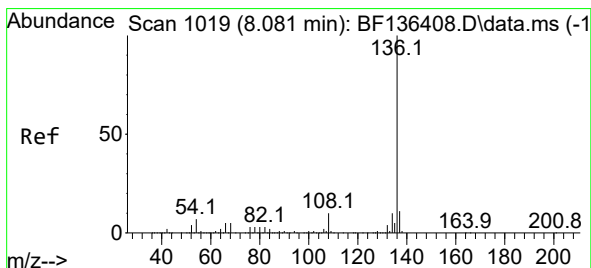
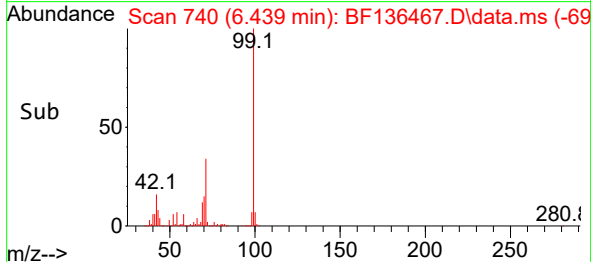
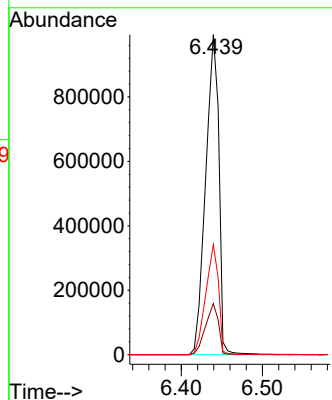
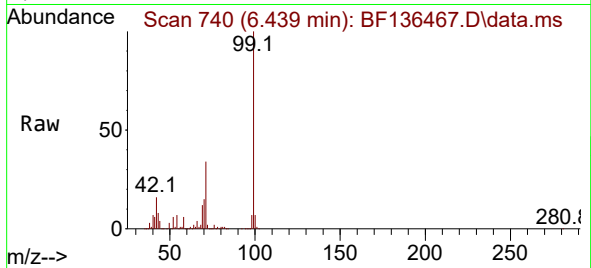




#7
Phenol-d6
Concen: 113.336 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136467.D
Acq: 08 Dec 2023 15:01

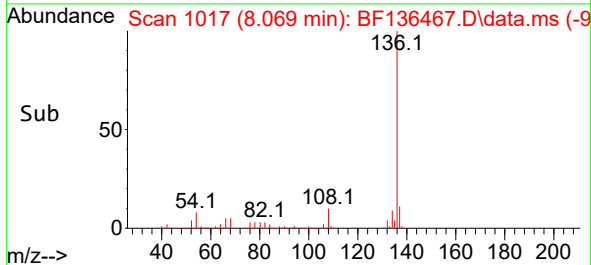
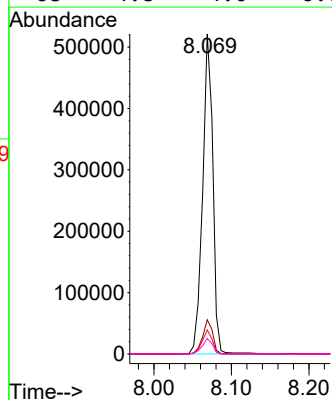
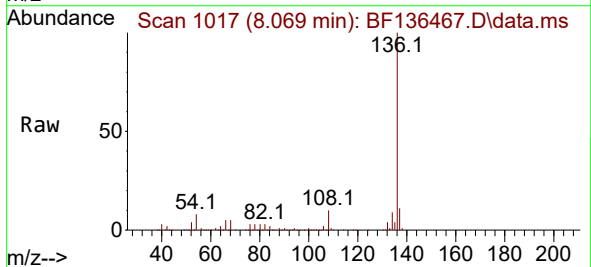
Instrument :
BNA_F
ClientSampleId :
PB157576TB

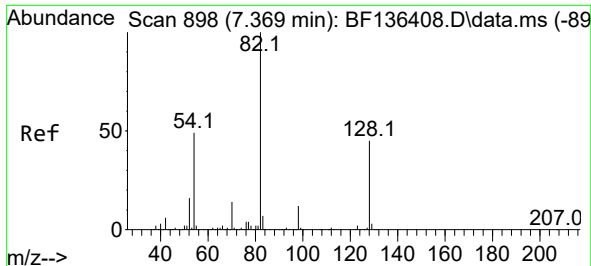
Tgt Ion: 99 Resp: 1121425
Ion Ratio Lower Upper
99 100
42 16.0 12.8 19.2
71 34.4 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136467.D
Acq: 08 Dec 2023 15:01

Tgt Ion: 136 Resp: 477598
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.5 5.7 8.5
68 4.8 4.0 6.0





#23

Nitrobenzene-d5

Concen: 78.133 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136467.D

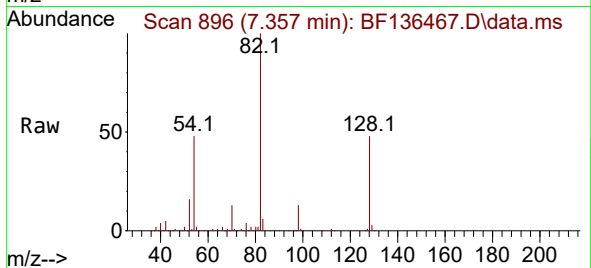
Acq: 08 Dec 2023 15:01

Instrument :

BNA_F

ClientSampleId :

PB157576TB



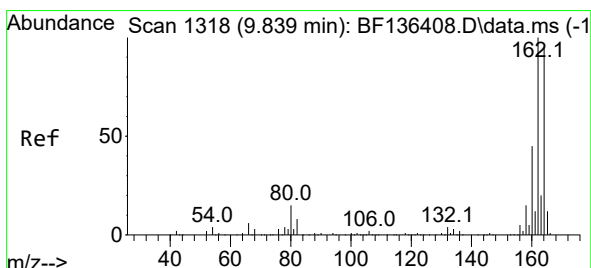
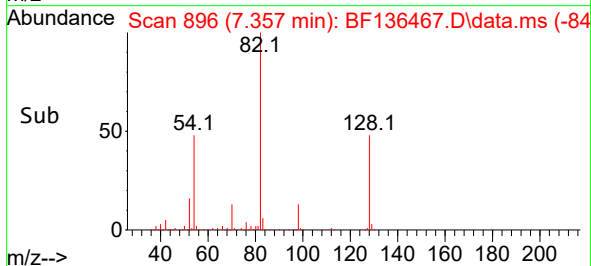
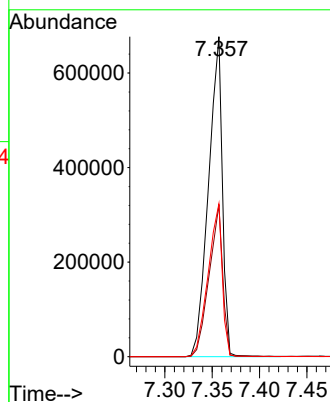
Tgt Ion: 82 Resp: 690268

Ion Ratio Lower Upper

82 100

128 47.5 36.3 54.5

54 47.8 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: BF136467.D

Acq: 08 Dec 2023 15:01

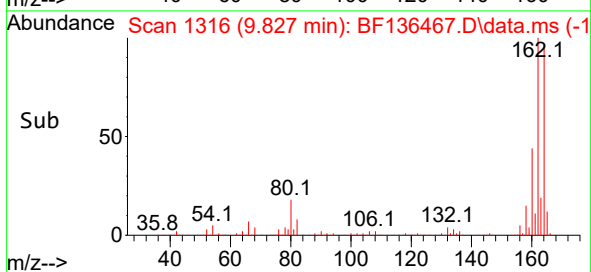
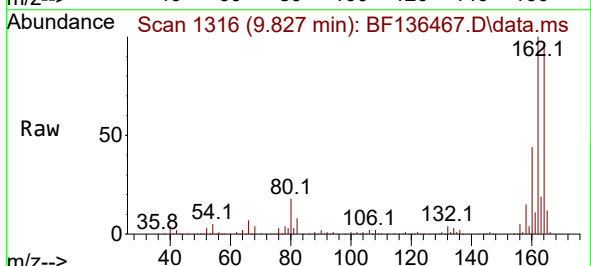
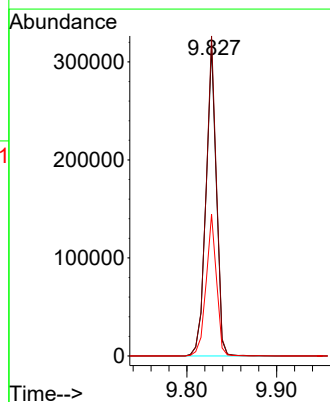
Tgt Ion: 164 Resp: 255485

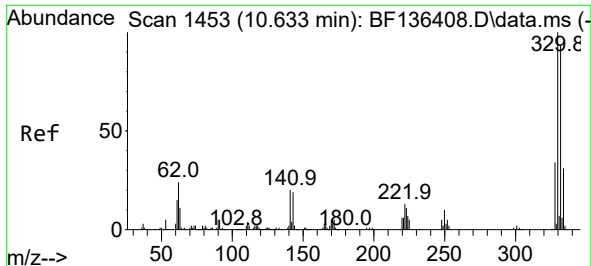
Ion Ratio Lower Upper

164 100

162 103.4 84.4 126.6

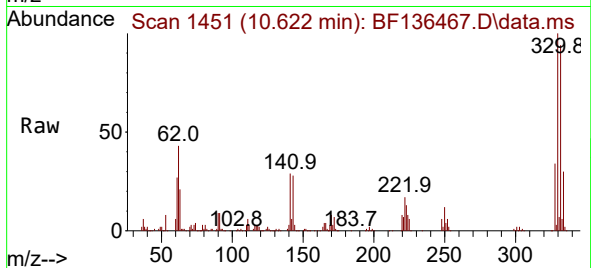
160 45.8 37.6 56.4



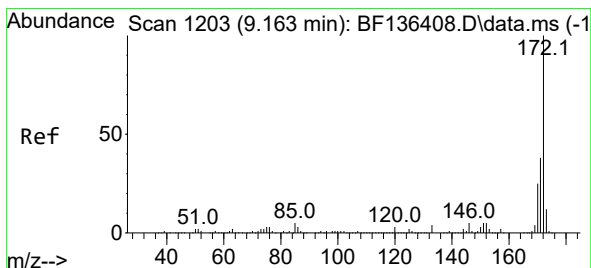
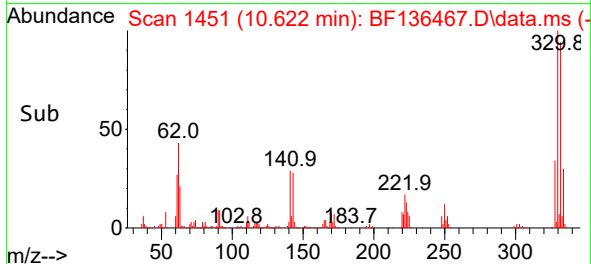
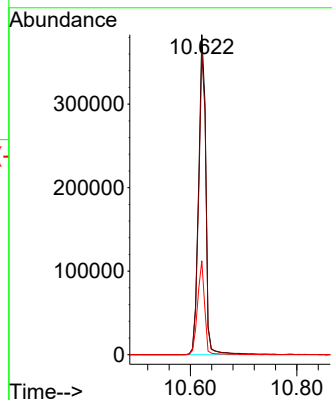


#42
2,4,6-Tribromophenol
Concen: 115.247 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136467.D
Acq: 08 Dec 2023 15:01

Instrument :
BNA_F
ClientSampleId :
PB157576TB

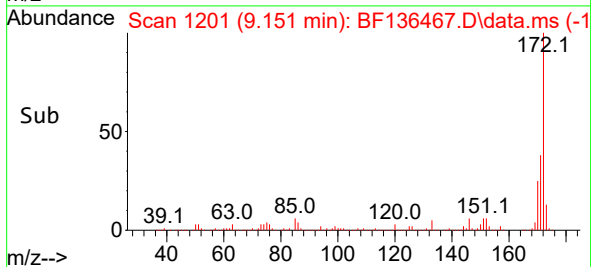
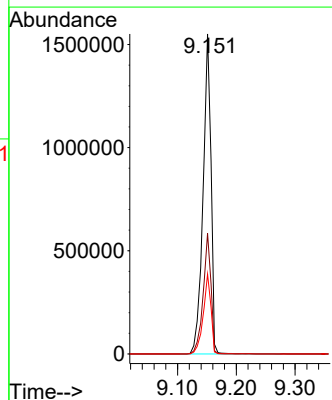
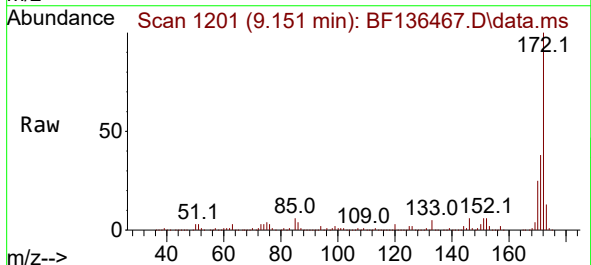


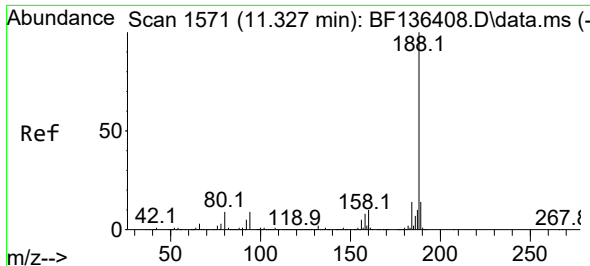
Tgt Ion:330 Resp: 363046
Ion Ratio Lower Upper
330 100
332 94.7 76.4 114.6
141 28.5 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 78.133 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF136467.D
Acq: 08 Dec 2023 15:01

Tgt Ion:172 Resp: 1462947
Ion Ratio Lower Upper
172 100
171 37.7 30.5 45.7
170 25.0 19.9 29.9

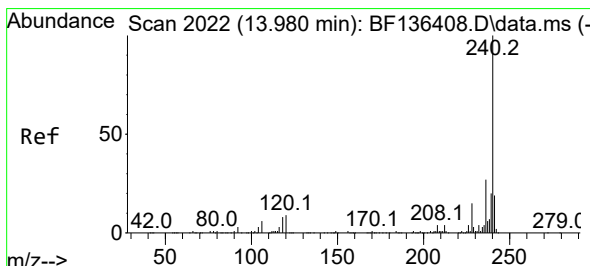
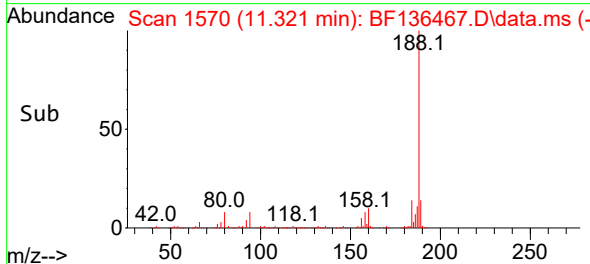
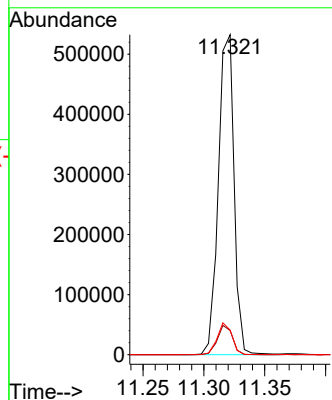
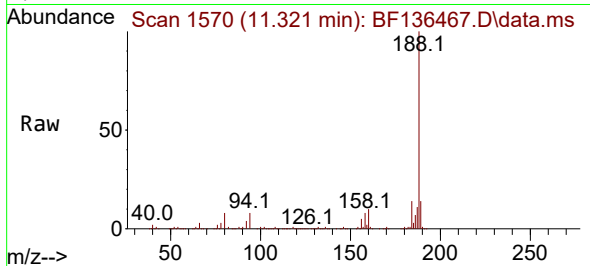




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136467.D
Acq: 08 Dec 2023 15:01

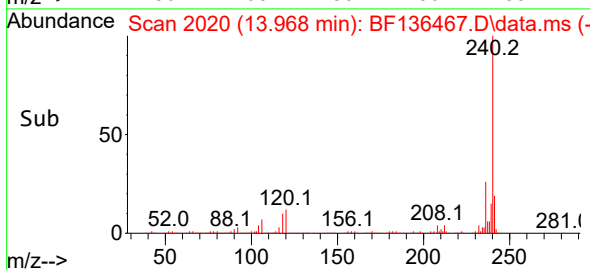
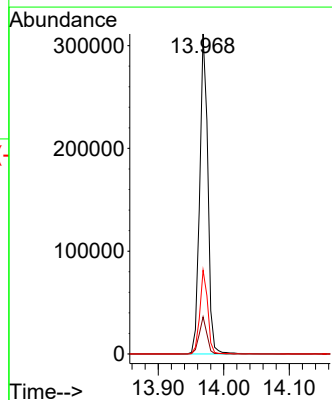
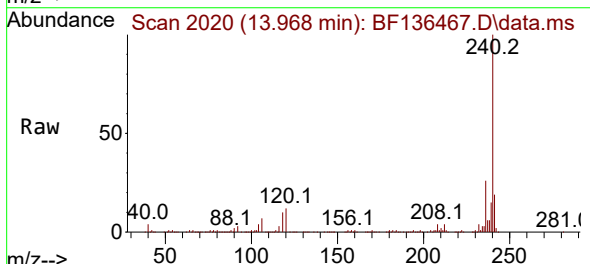
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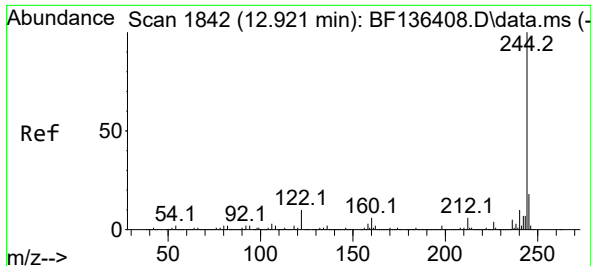
Tgt Ion:188 Resp: 478541
Ion Ratio Lower Upper
188 100
94 7.5 7.2 10.8
80 7.7 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136467.D
Acq: 08 Dec 2023 15:01

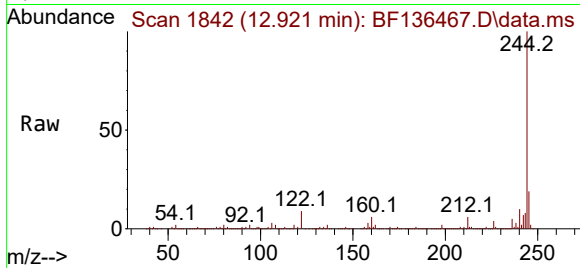
Tgt Ion:240 Resp: 269435
Ion Ratio Lower Upper
240 100
120 11.6 7.3 10.9#
236 26.1 21.3 31.9



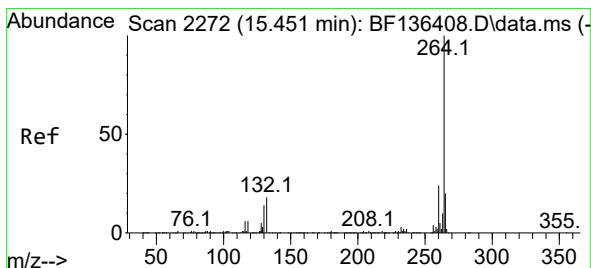
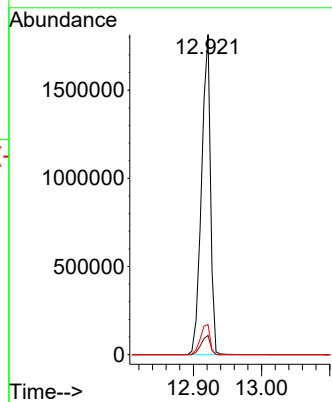
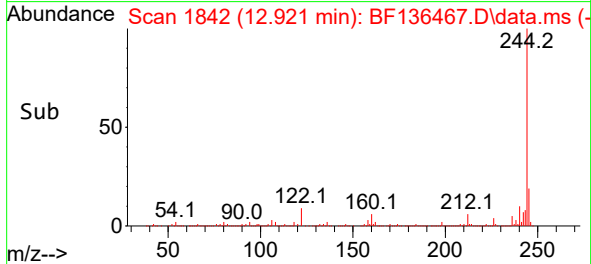


#79
 Terphenyl-d14
 Concen: 80.971 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF136467.D
 Acq: 08 Dec 2023 15:01

Instrument :
 BNA_F
 ClientSampleId :
 PB157576TB



Tgt Ion:244 Resp: 1655212
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.4
 122 9.4 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: BF136467.D
 Acq: 08 Dec 2023 15:01

Tgt Ion:264 Resp: 238643
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.8 15.9 23.9

