

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136489.D
 Acq On : 11 Dec 2023 14:27
 Operator : CG\JU
 Sample : PB157390BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157390BL

Quant Time: Dec 11 14:49:01 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	6.793	152	109493	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	451578	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	235079	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	472935	20.000	ng	0.00
76) Chrysene-d12	13.969	240	294323	20.000	ng	#-0.01
86) Perylene-d12	15.451	264	225842	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	968785	130.668	ng	0.01
7) Phenol-d6	6.440	99	1200126	129.741	ng	0.00
23) Nitrobenzene-d5	7.357	82	700425	83.851	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	390023	134.558	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1464124	84.984	ng	-0.01
79) Terphenyl-d14	12.922	244	1814521	81.258	ng	0.00

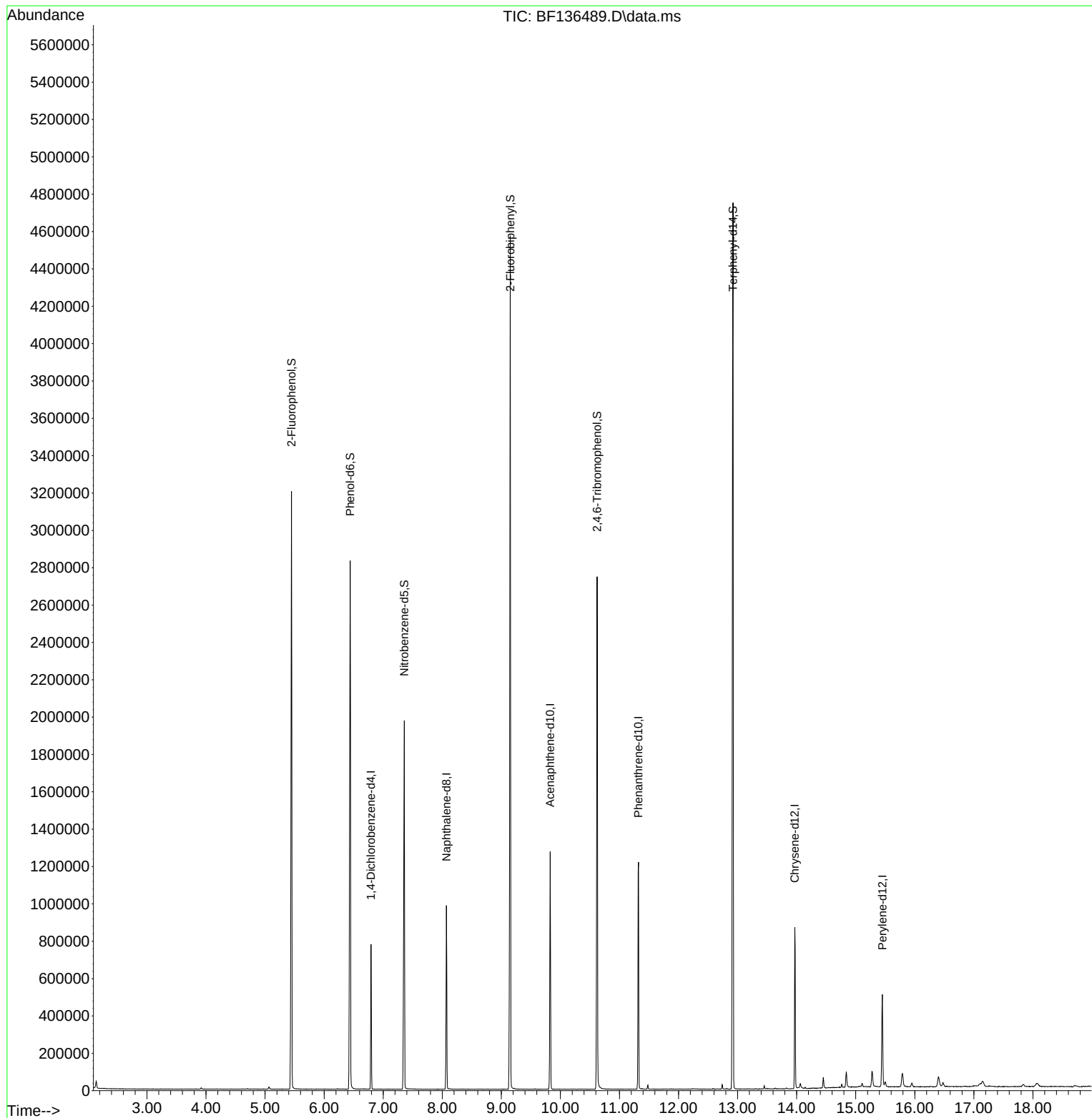
Target Compounds	Qvalue

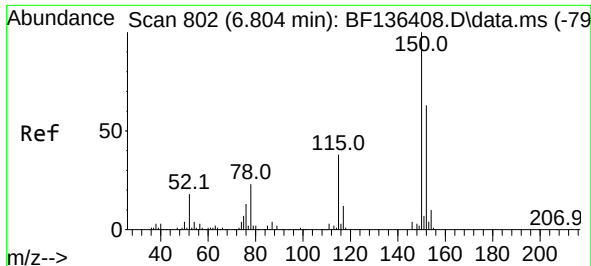
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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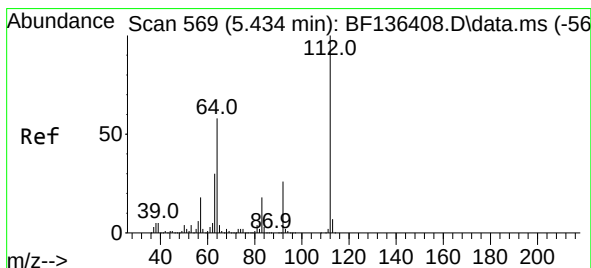
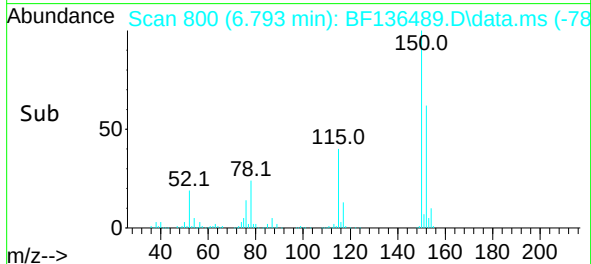
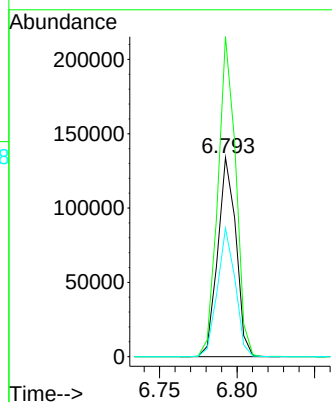
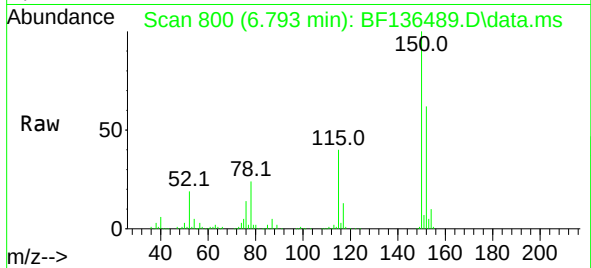




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 80
 Delta R.T. -0.011 min
 Lab File: BF136489.D
 Acq: 11 Dec 2023 14:27

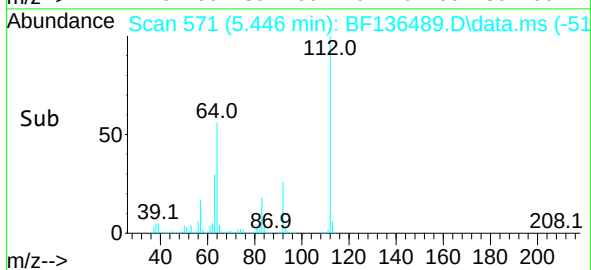
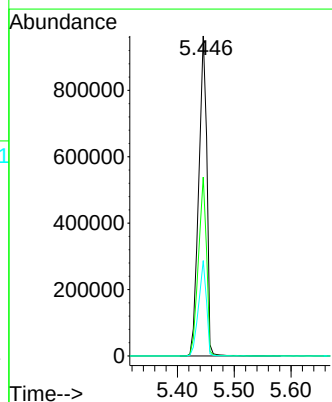
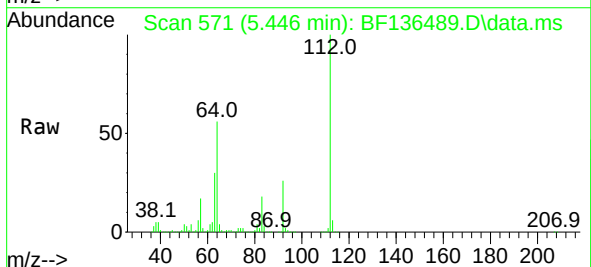
Instrument :
 BNA_F
 ClientSampleId :
 PB157390BL

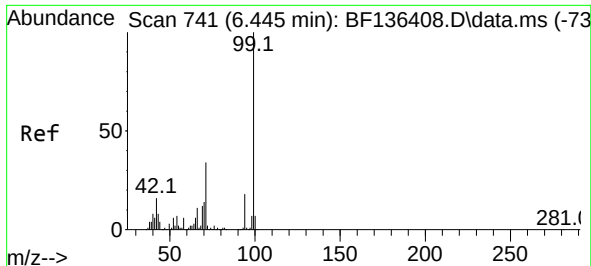
Tgt Ion:152 Resp: 109493
 Ion Ratio Lower Upper
 152 100
 150 160.6 126.4 189.6
 115 64.5 48.2 72.4



#5
 2-Fluorophenol
 Concen: 130.668 ng
 RT: 5.446 min Scan# 571
 Delta R.T. 0.012 min
 Lab File: BF136489.D
 Acq: 11 Dec 2023 14:27

Tgt Ion:112 Resp: 968785
 Ion Ratio Lower Upper
 112 100
 64 55.9 46.5 69.7
 63 29.8 23.9 35.9

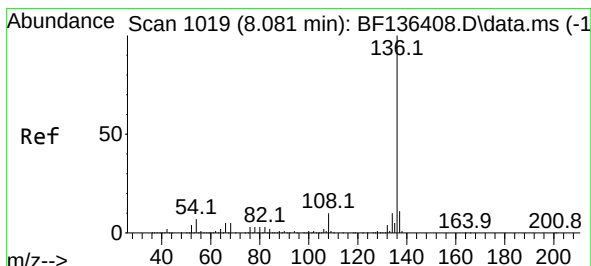
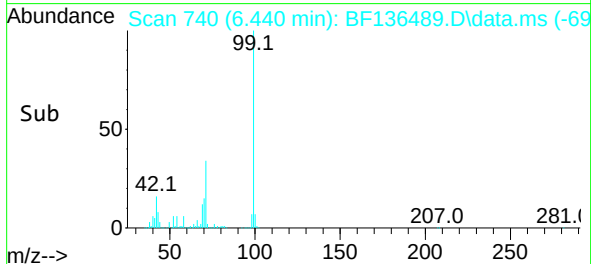
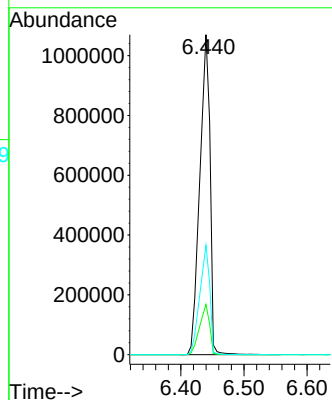
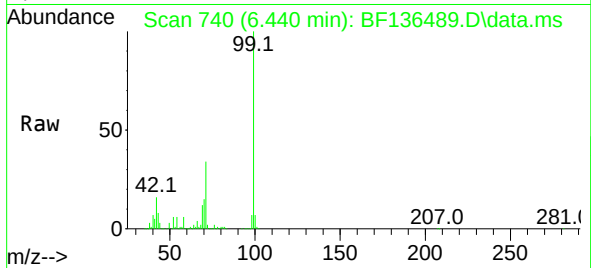




#7
Phenol-d6
Concen: 129.741 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136489.D
Acq: 11 Dec 2023 14:27

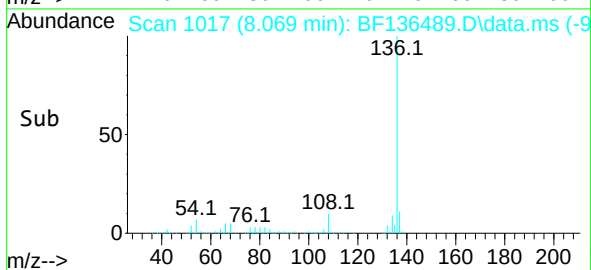
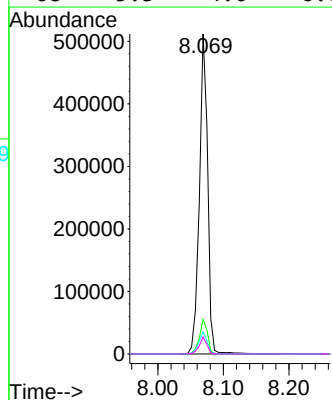
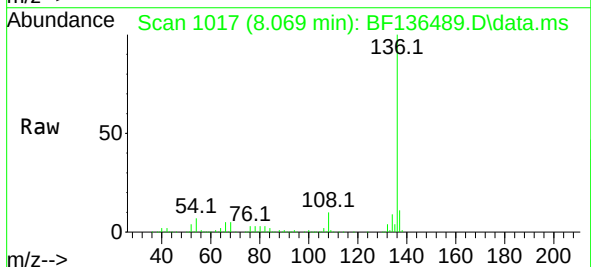
Instrument :
BNA_F
ClientSampleId :
PB157390BL

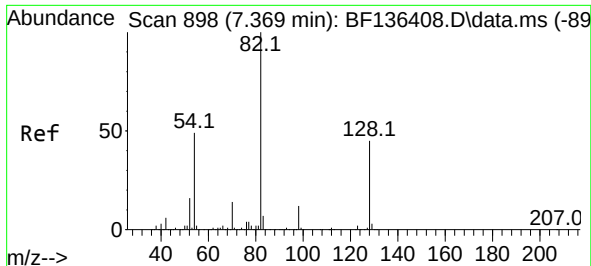
Tgt Ion: 99 Resp: 1200126
Ion Ratio Lower Upper
99 100
42 15.7 12.8 19.2
71 34.2 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136489.D
Acq: 11 Dec 2023 14:27

Tgt Ion: 136 Resp: 451578
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.9 5.7 8.5
68 5.3 4.0 6.0





#23

Nitrobenzene-d5

Concen: 83.851 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136489.D

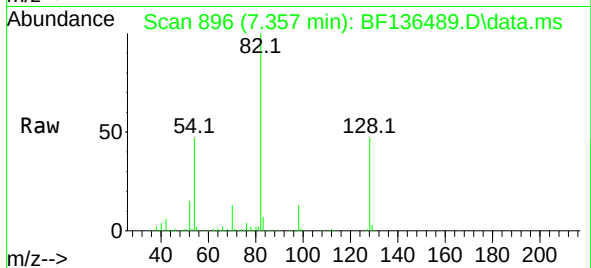
Acq: 11 Dec 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB157390BL



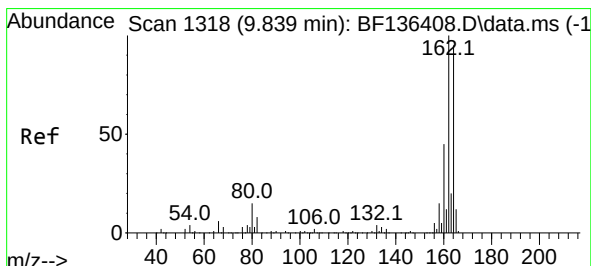
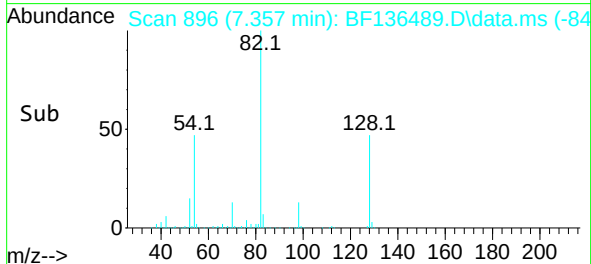
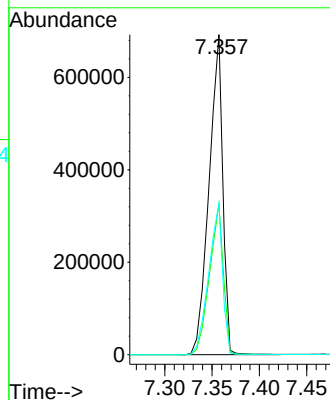
Tgt Ion: 82 Resp: 700425

Ion Ratio Lower Upper

82 100

128 47.1 36.3 54.5

54 47.3 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: BF136489.D

Acq: 11 Dec 2023 14:27

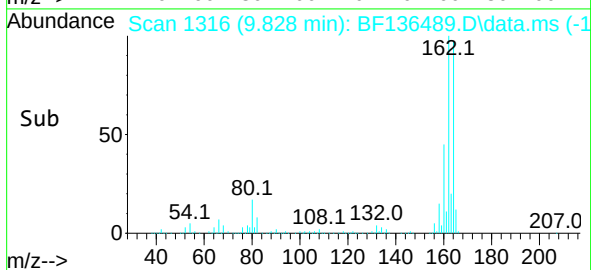
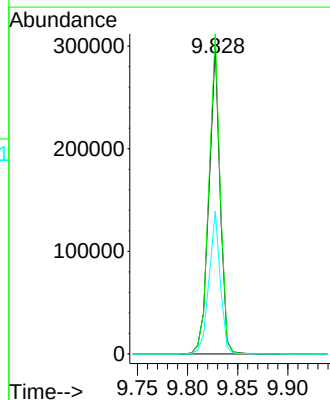
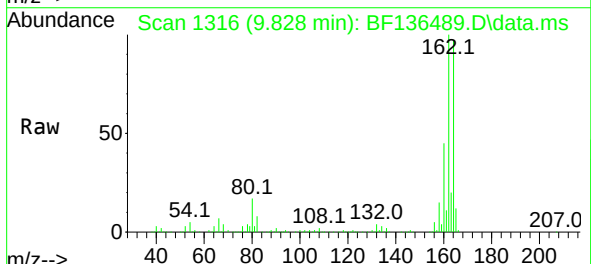
Tgt Ion: 164 Resp: 235079

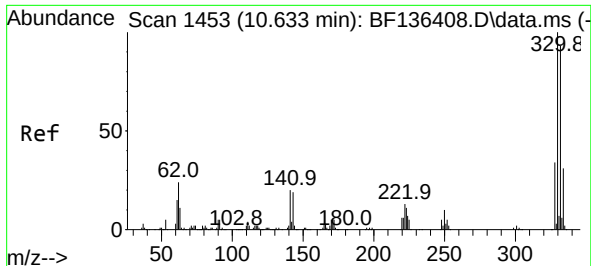
Ion Ratio Lower Upper

164 100

162 103.5 84.4 126.6

160 46.2 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 134.558 ng

RT: 10.622 min Scan# 14

Delta R.T. -0.012 min

Lab File: BF136489.D

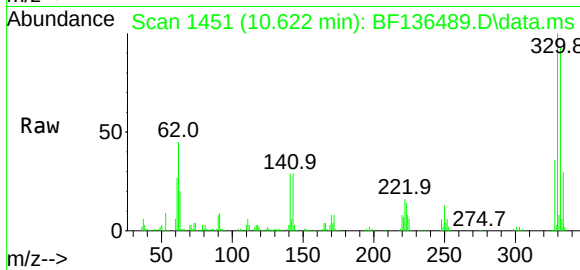
Acq: 11 Dec 2023 14:27

Instrument :

BNA_F

ClientSampleId :

PB157390BL



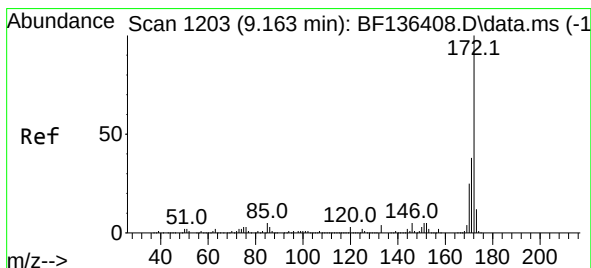
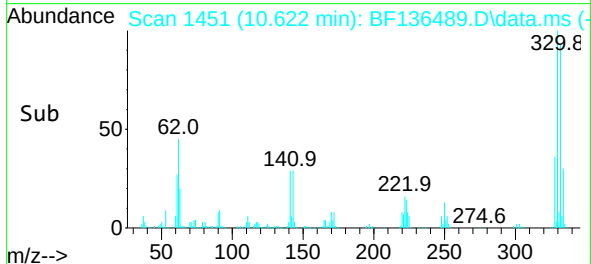
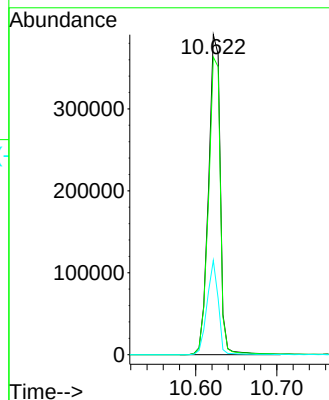
Tgt Ion:330 Resp: 390023

Ion Ratio Lower Upper

330 100

332 94.8 76.4 114.6

141 28.2 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 84.984 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136489.D

Acq: 11 Dec 2023 14:27

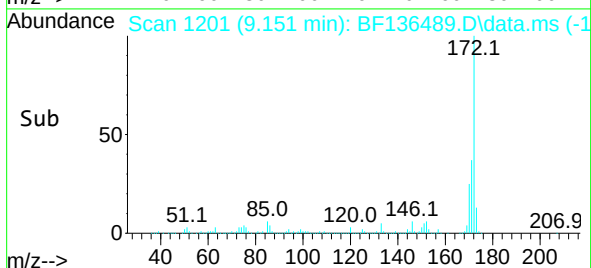
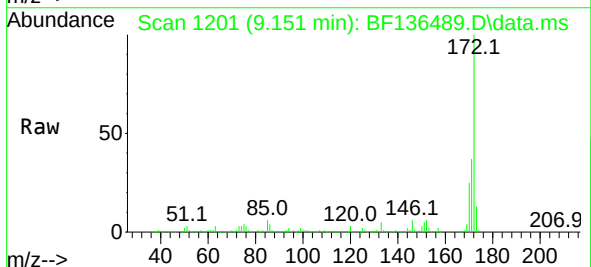
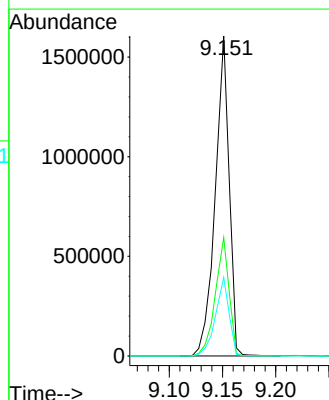
Tgt Ion:172 Resp: 1464124

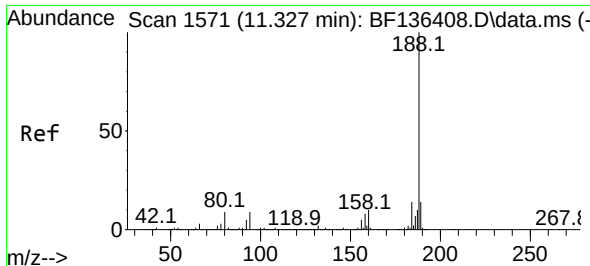
Ion Ratio Lower Upper

172 100

171 37.0 30.5 45.7

170 24.6 19.9 29.9

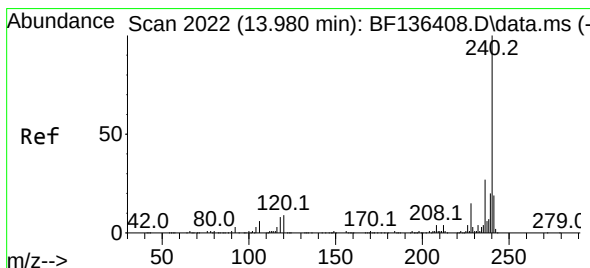
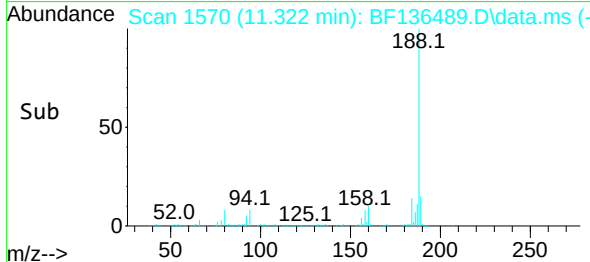
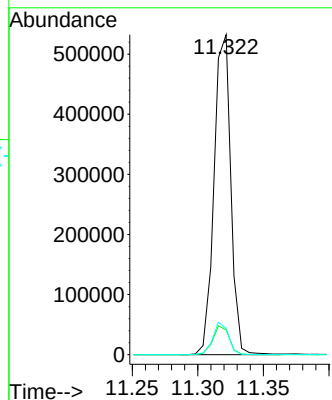
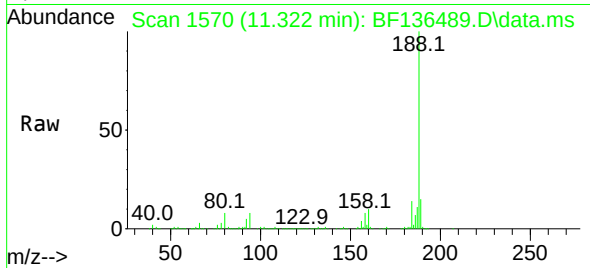




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136489.D
Acq: 11 Dec 2023 14:27

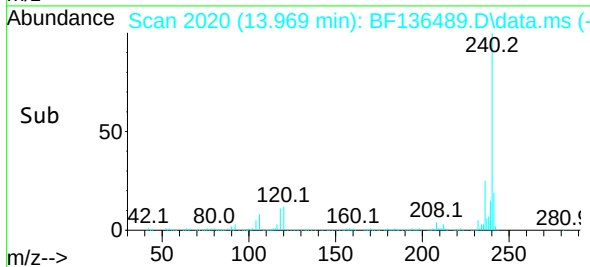
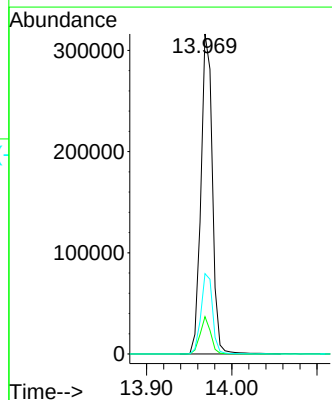
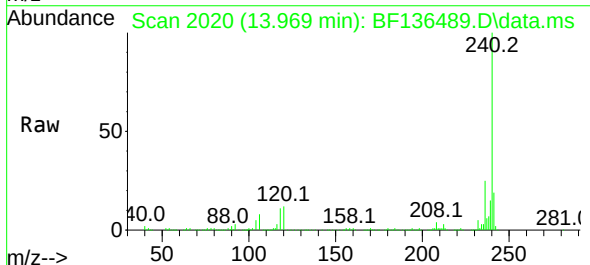
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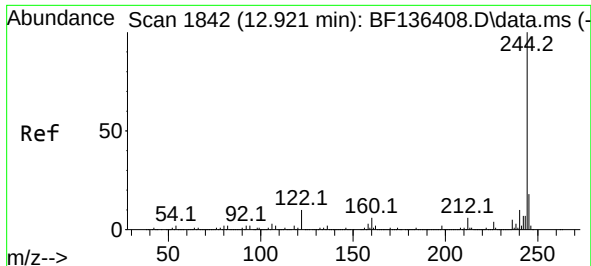
Tgt Ion:188 Resp: 472935
Ion Ratio Lower Upper
188 100
94 7.8 7.2 10.8
80 8.2 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136489.D
Acq: 11 Dec 2023 14:27

Tgt Ion:240 Resp: 294323
Ion Ratio Lower Upper
240 100
120 11.7 7.3 10.9#
236 25.1 21.3 31.9

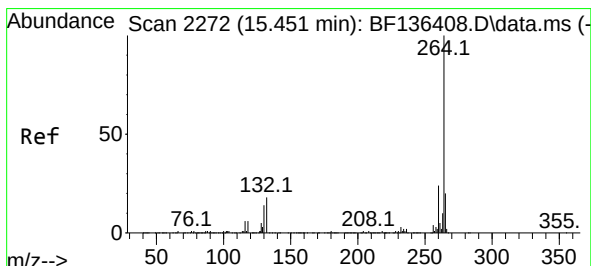
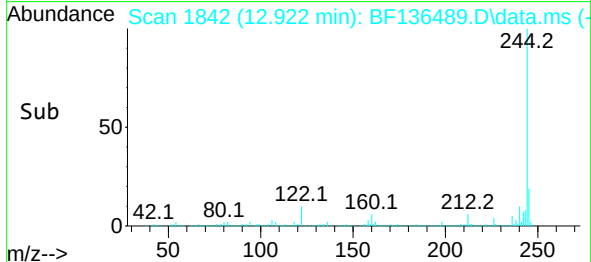
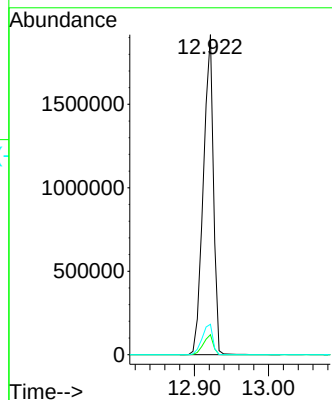
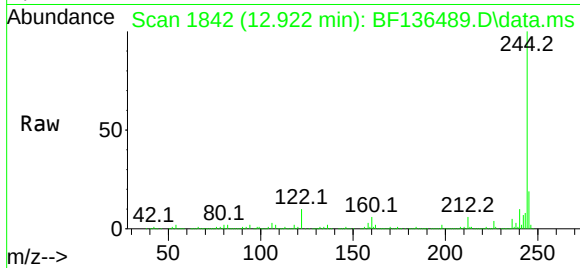




#79
 Terphenyl-d14
 Concen: 81.258 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF136489.D
 Acq: 11 Dec 2023 14:27

Instrument :
 BNA_F
 ClientSampleId :
 PB157390BL

Tgt Ion:244 Resp: 1814521
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 9.5 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: BF136489.D
 Acq: 11 Dec 2023 14:27

Tgt Ion:264 Resp: 225842
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 22.2 15.9 23.9

