

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
 Data File : BF136532.D
 Acq On : 13 Dec 2023 11:54
 Operator : CG\JU
 Sample : PB157507BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157507BL

Quant Time: Dec 13 12:14:46 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	99714	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	409052	20.000	ng	-0.01
39) Acenaphthene-d10	9.827	164	222616	20.000	ng	-0.01
64) Phenanthrene-d10	11.321	188	438328	20.000	ng	0.00
76) Chrysene-d12	13.974	240	285742	20.000	ng	0.00
86) Perylene-d12	15.456	264	239442	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	796309	117.938	ng	0.01
7) Phenol-d6	6.439	99	983430	116.741	ng	0.00
23) Nitrobenzene-d5	7.357	82	597167	78.922	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	321481	117.121	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1293381	79.276	ng	-0.01
79) Terphenyl-d14	12.921	244	1627564	75.075	ng	0.00

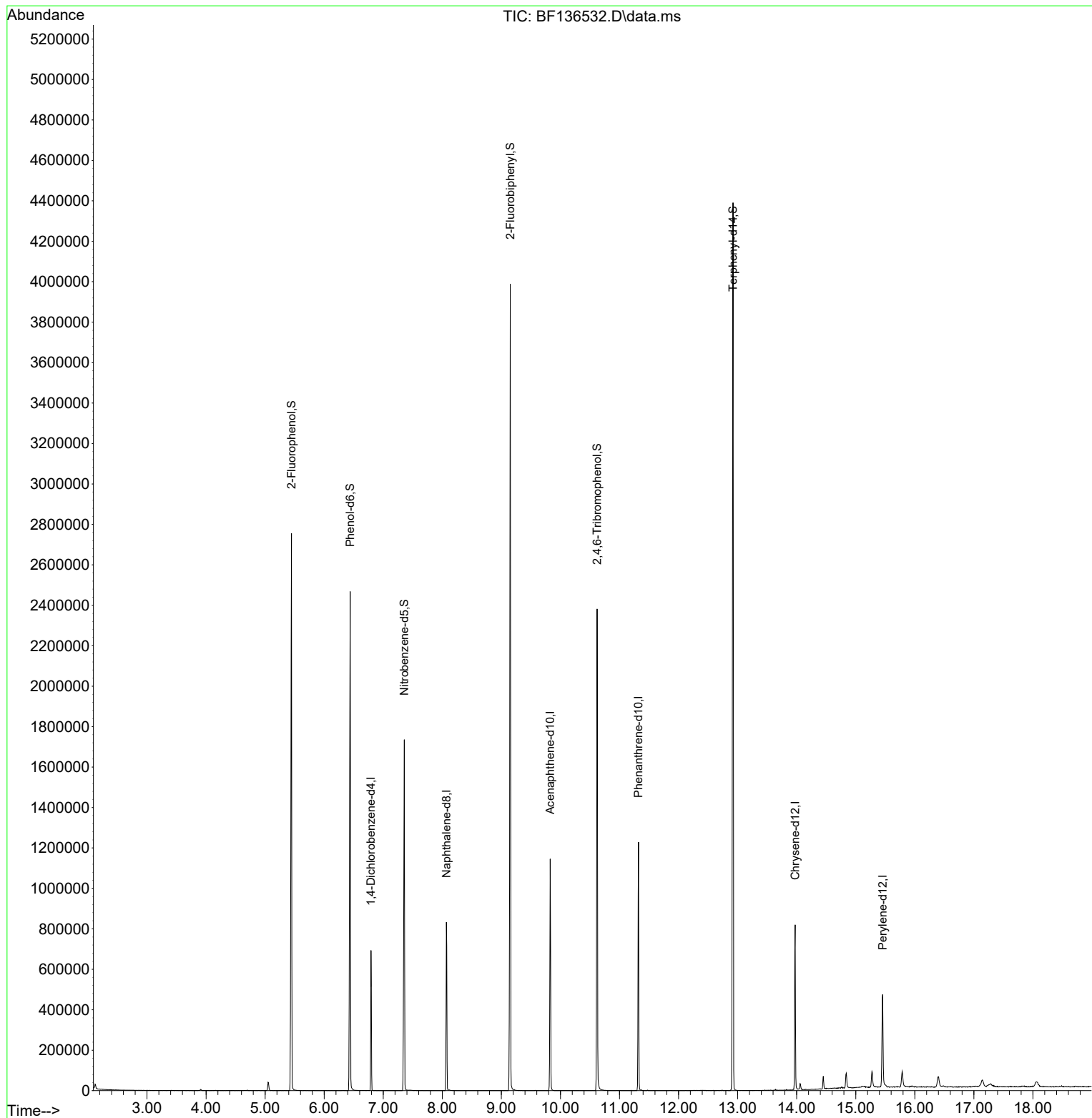
Target Compounds	Qvalue

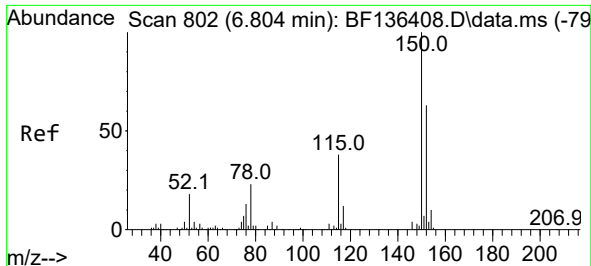
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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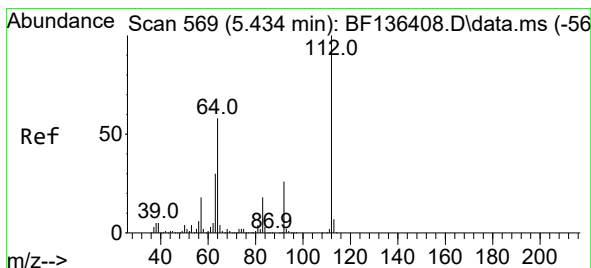
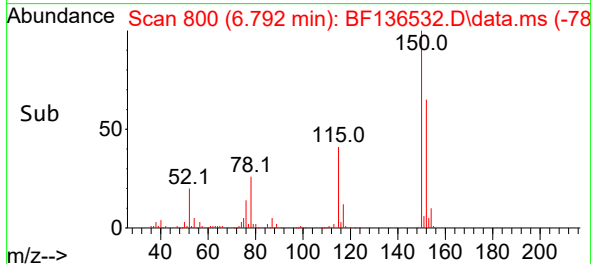
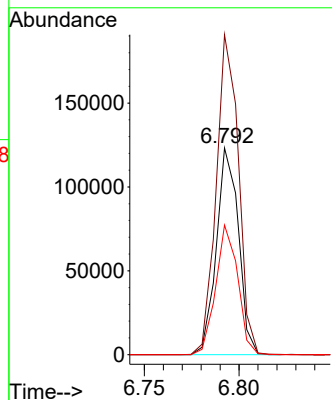
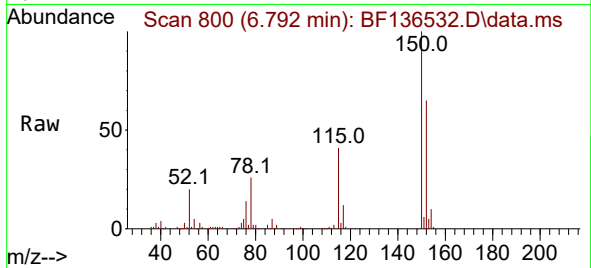




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 802
Delta R.T. -0.012 min
Lab File: BF136532.D
Acq: 13 Dec 2023 11:54

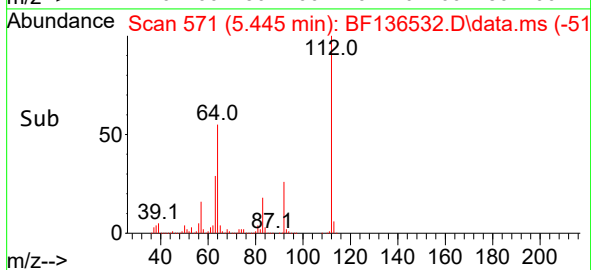
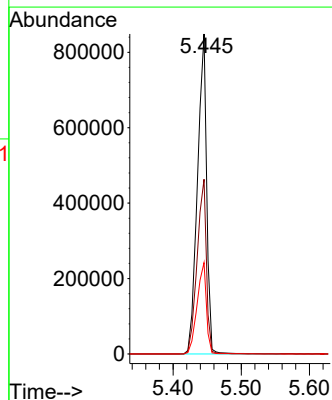
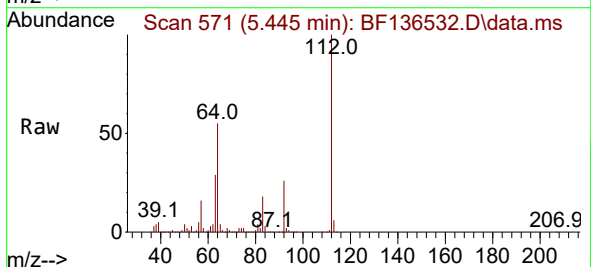
Instrument :
BNA_F
ClientSampleId :
PB157507BL

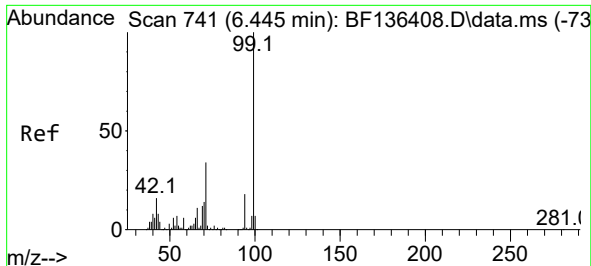
Tgt Ion:152 Resp: 99714
Ion Ratio Lower Upper
152 100
150 154.7 126.4 189.6
115 62.7 48.2 72.4



#5
2-Fluorophenol
Concen: 117.938 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF136532.D
Acq: 13 Dec 2023 11:54

Tgt Ion:112 Resp: 796309
Ion Ratio Lower Upper
112 100
64 54.6 46.5 69.7
63 28.5 23.9 35.9

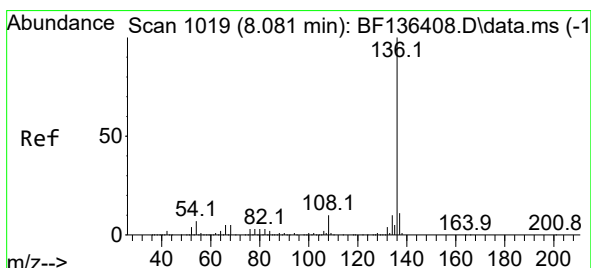
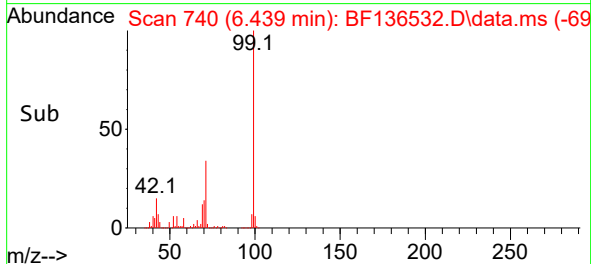
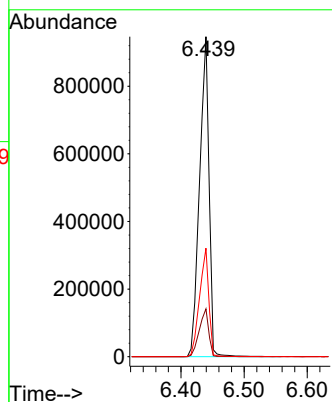
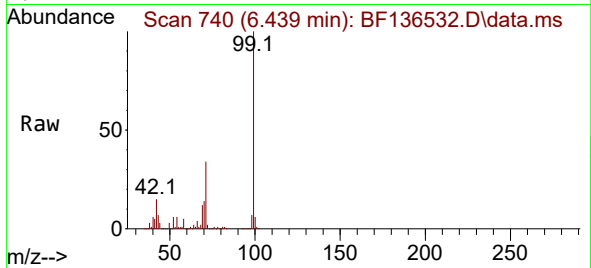




#7
Phenol-d6
Concen: 116.741 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136532.D
Acq: 13 Dec 2023 11:54

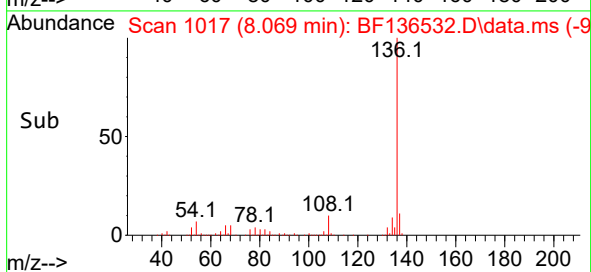
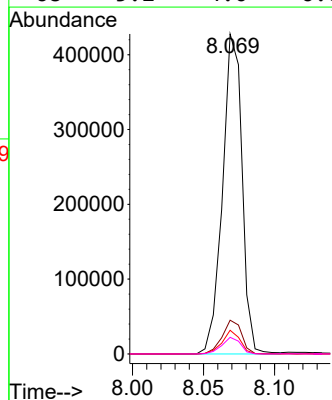
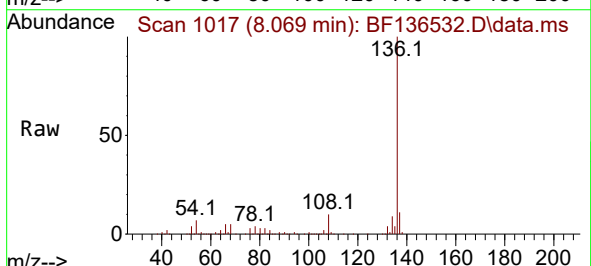
Instrument :
BNA_F
ClientSampleId :
PB157507BL

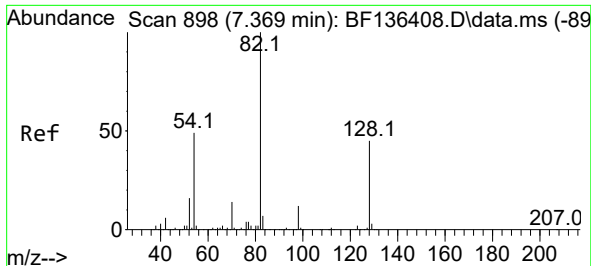
Tgt Ion: 99 Resp: 983430
Ion Ratio Lower Upper
99 100
42 15.0 12.8 19.2
71 33.9 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136532.D
Acq: 13 Dec 2023 11:54

Tgt Ion: 136 Resp: 409052
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 7.4 5.7 8.5
68 5.2 4.0 6.0





#23

Nitrobenzene-d5

Concen: 78.922 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136532.D

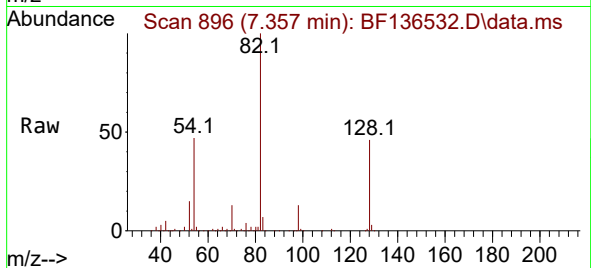
Acq: 13 Dec 2023 11:54

Instrument :

BNA_F

ClientSampleId :

PB157507BL



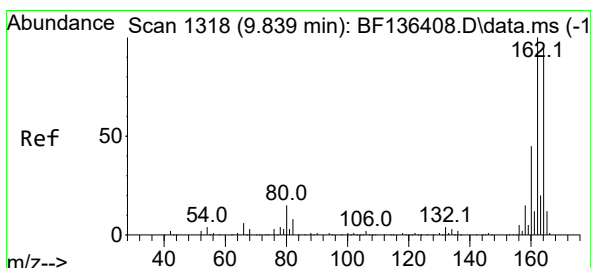
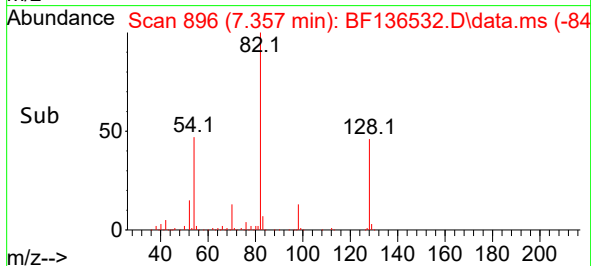
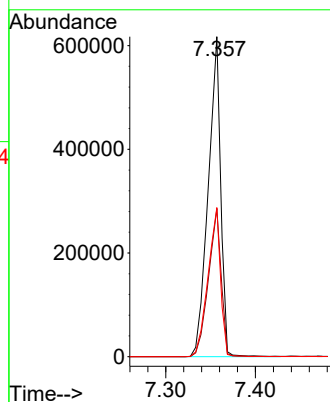
Tgt Ion: 82 Resp: 597167

Ion Ratio Lower Upper

82 100

128 46.3 36.3 54.5

54 46.6 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: BF136532.D

Acq: 13 Dec 2023 11:54

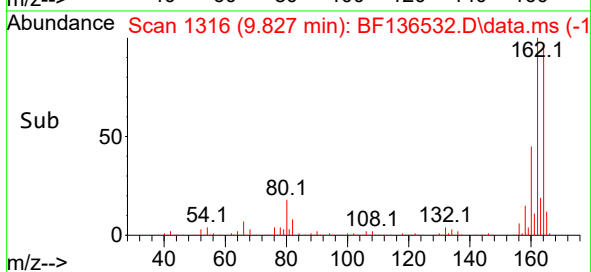
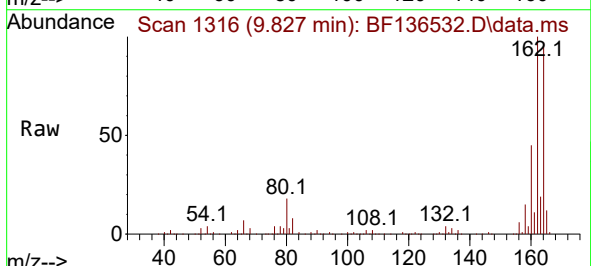
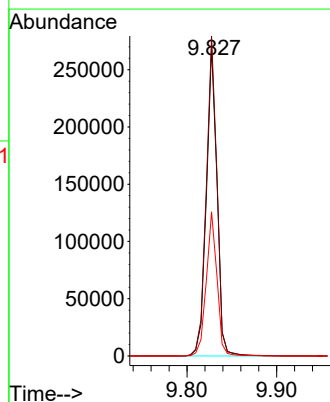
Tgt Ion: 164 Resp: 222616

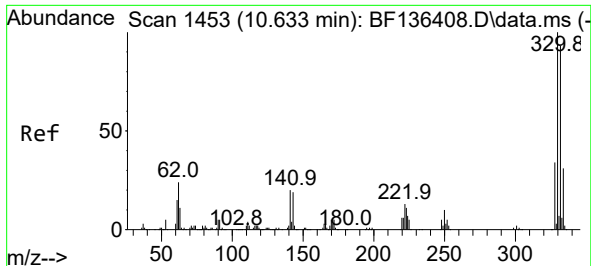
Ion Ratio Lower Upper

164 100

162 103.5 84.4 126.6

160 46.6 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 117.121 ng

RT: 10.621 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136532.D

Acq: 13 Dec 2023 11:54

Instrument :

BNA_F

ClientSampleId :

PB157507BL

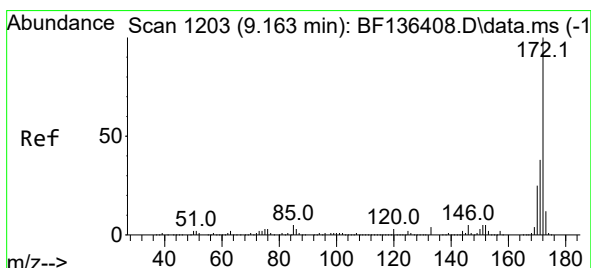
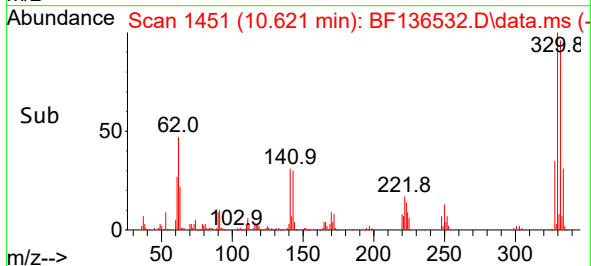
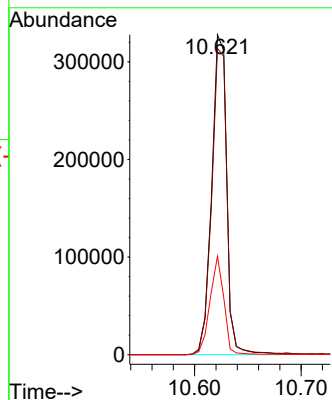
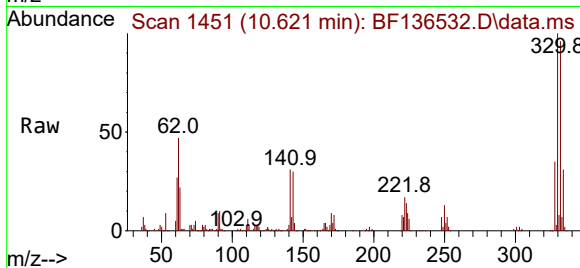
Tgt Ion:330 Resp: 321481

Ion Ratio Lower Upper

330 100

332 97.4 76.4 114.6

141 28.6 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 79.276 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136532.D

Acq: 13 Dec 2023 11:54

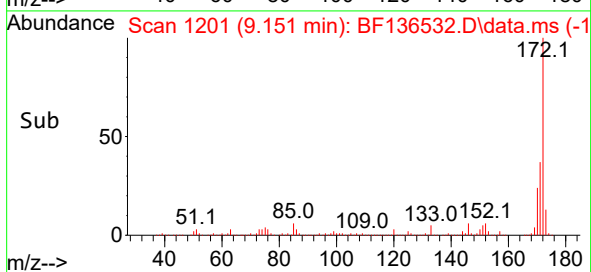
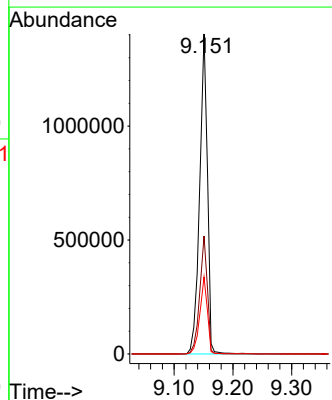
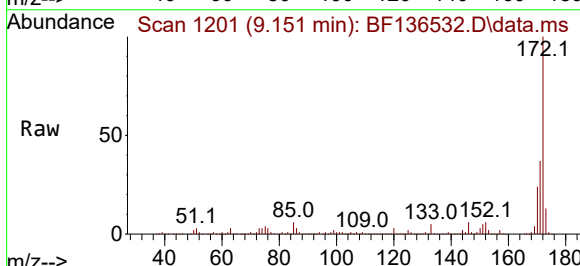
Tgt Ion:172 Resp: 1293381

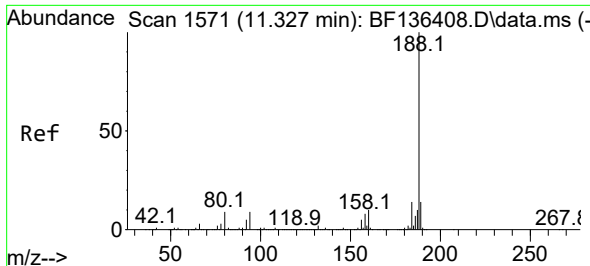
Ion Ratio Lower Upper

172 100

171 36.8 30.5 45.7

170 24.0 19.9 29.9

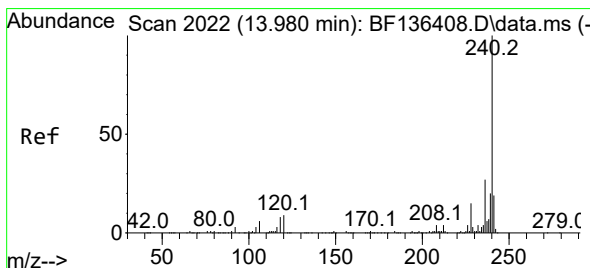
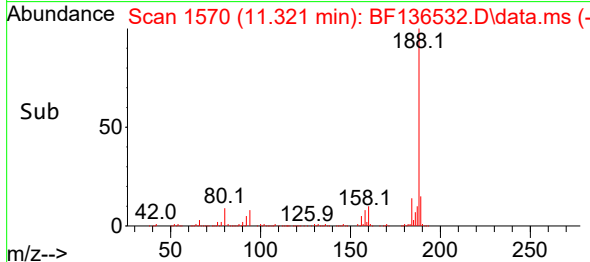
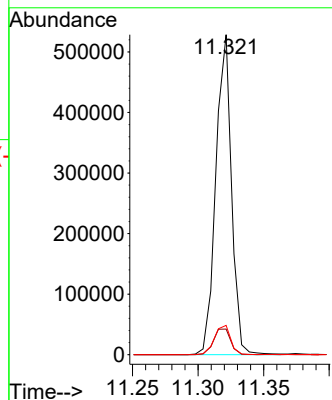
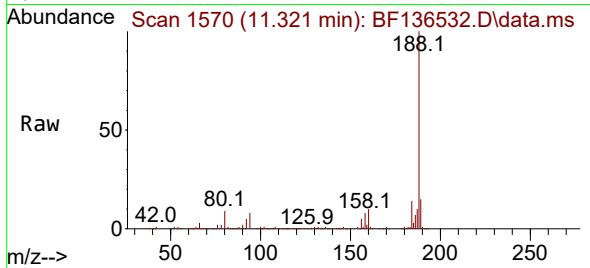




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136532.D
Acq: 13 Dec 2023 11:54

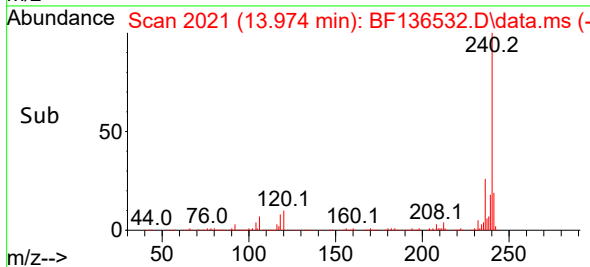
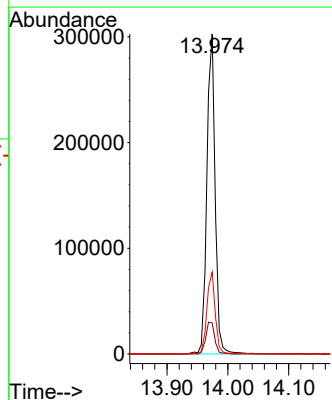
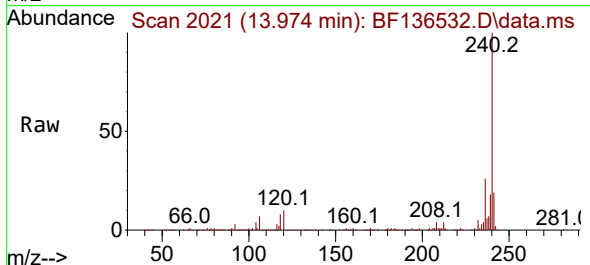
Instrument :
BNA_F
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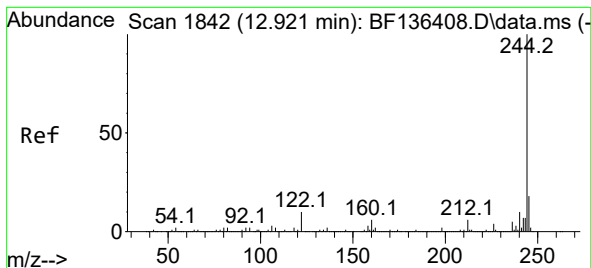
Tgt Ion:188 Resp: 438328
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 9.2 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136532.D
Acq: 13 Dec 2023 11:54

Tgt Ion:240 Resp: 285742
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 25.6 21.3 31.9





#79

Terphenyl-d14

Concen: 75.075 ng

RT: 12.921 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF136532.D

Acq: 13 Dec 2023 11:54

Instrument :

BNA_F

ClientSampleId :

PB157507BL

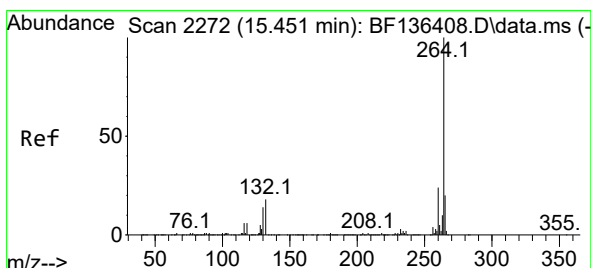
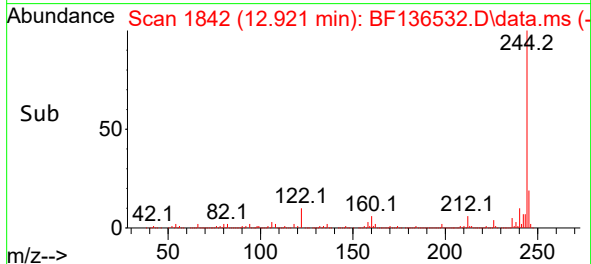
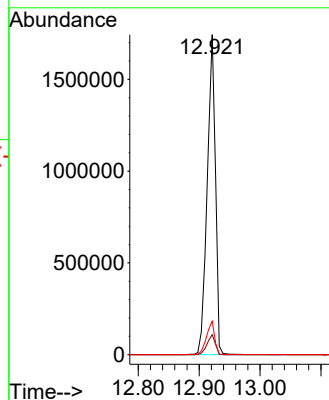
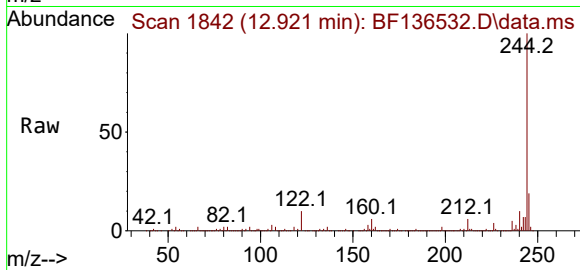
Tgt Ion:244 Resp: 1627564

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 10.5 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.456 min Scan# 2273

Delta R.T. 0.006 min

Lab File: BF136532.D

Acq: 13 Dec 2023 11:54

Tgt Ion:264 Resp: 239442

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.0 15.9 23.9

