

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
 Data File : BF136470.D
 Acq On : 08 Dec 2023 16:35
 Operator : CG\JU
 Sample : 05629-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11985

Quant Time: Dec 08 17:01:02 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	6.798	152	113497	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	452292	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	239167	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	447579	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	258926	20.000	ng	#-0.01
86) Perylene-d12	15.451	264	226804	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	919760	119.679	ng	0.02
7) Phenol-d6	6.445	99	1058379	110.380	ng	0.00
23) Nitrobenzene-d5	7.357	82	744822	89.025	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	378074	128.206	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1511902	86.257	ng	-0.01
79) Terphenyl-d14	12.921	244	1736624	88.402	ng	0.00

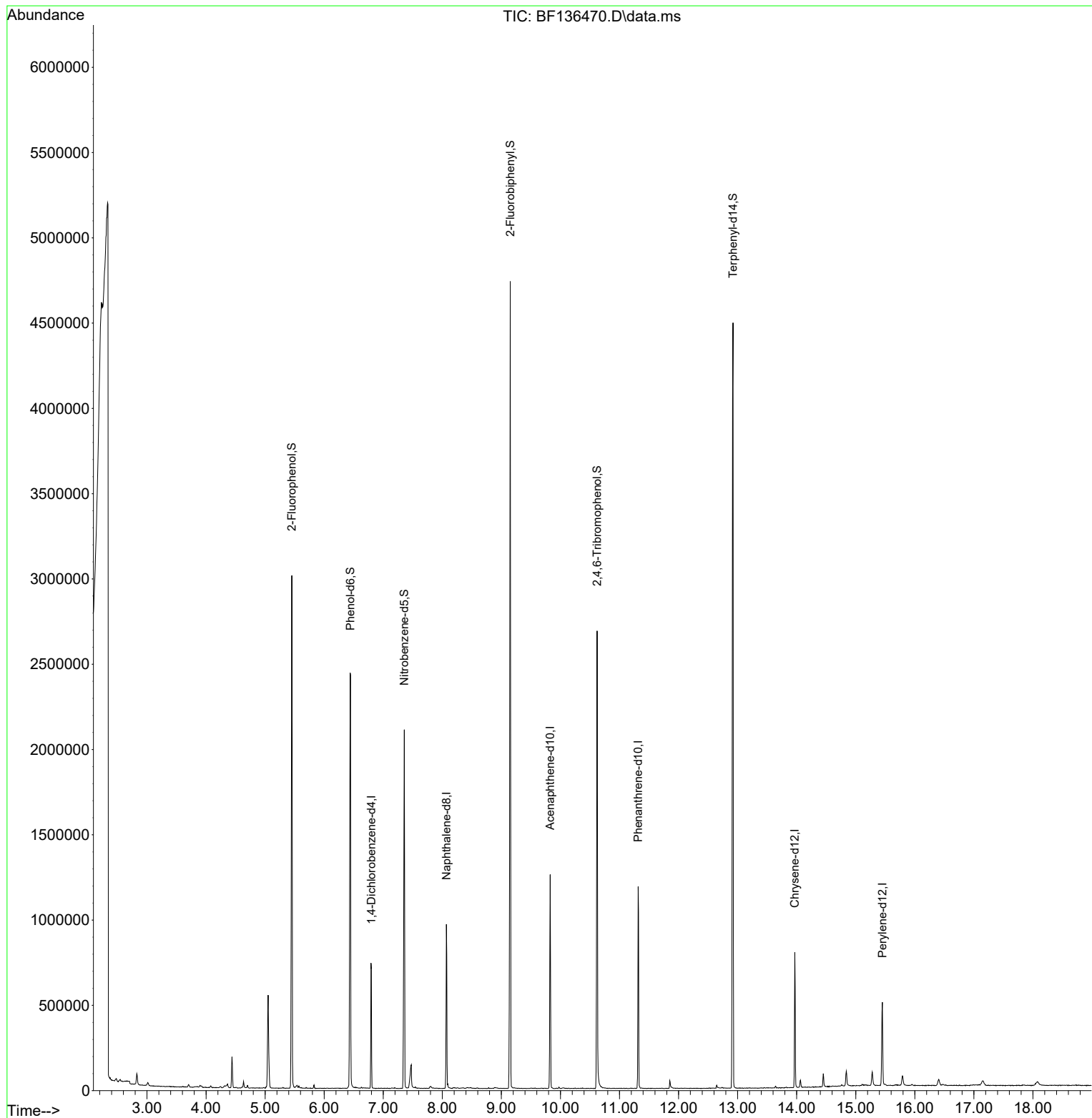
Target Compounds	Qvalue

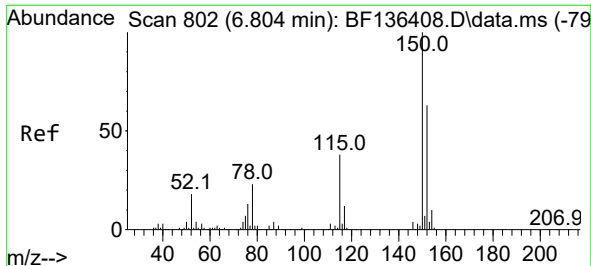
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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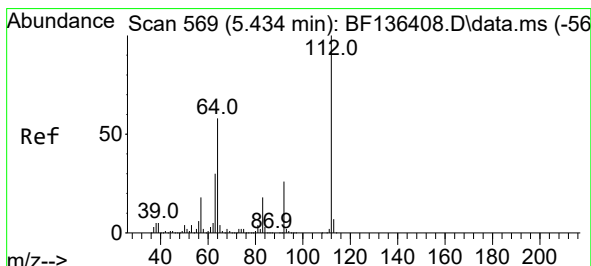
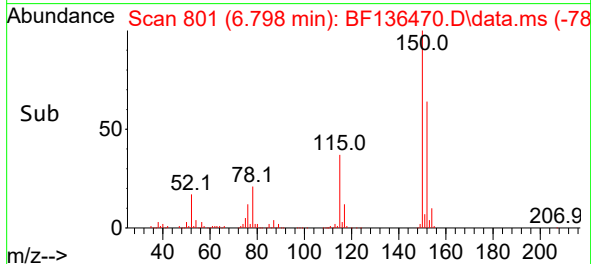
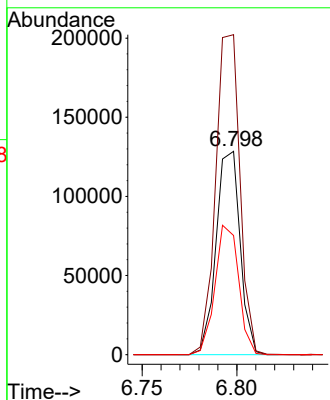
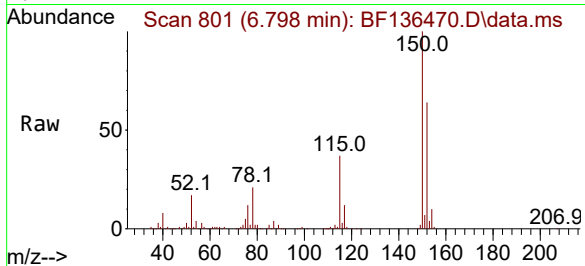




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 801
 Delta R.T. -0.006 min
 Lab File: BF136470.D
 Acq: 08 Dec 2023 16:35

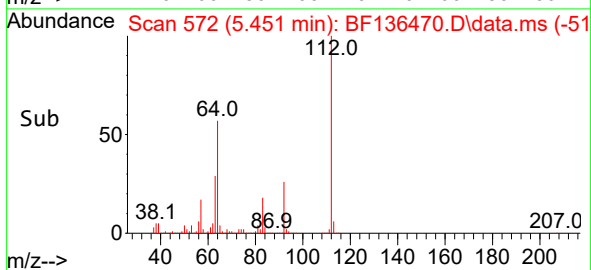
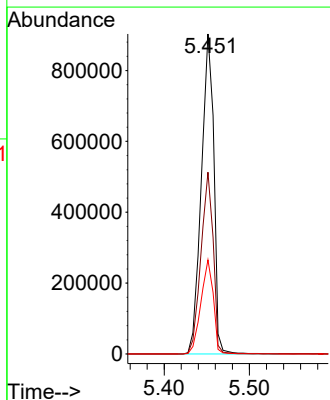
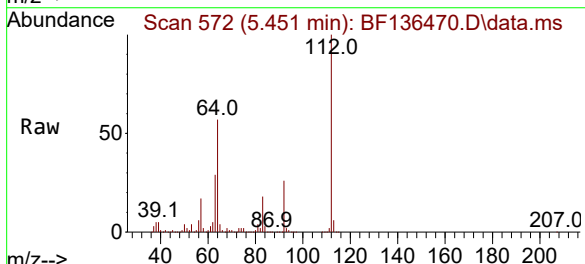
Instrument :
 BNA_F
 ClientSampleId :
 72-11985

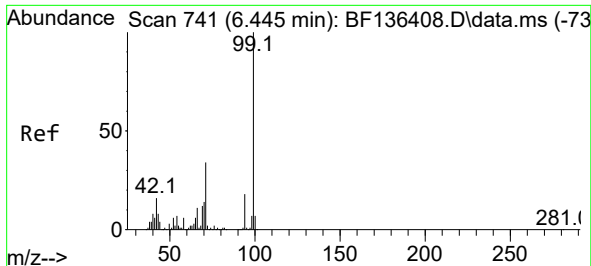
Tgt Ion:152 Resp: 113497
 Ion Ratio Lower Upper
 152 100
 150 157.3 126.4 189.6
 115 58.6 48.2 72.4



#5
 2-Fluorophenol
 Concen: 119.679 ng
 RT: 5.451 min Scan# 572
 Delta R.T. 0.018 min
 Lab File: BF136470.D
 Acq: 08 Dec 2023 16:35

Tgt Ion:112 Resp: 919760
 Ion Ratio Lower Upper
 112 100
 64 56.8 46.5 69.7
 63 29.4 23.9 35.9

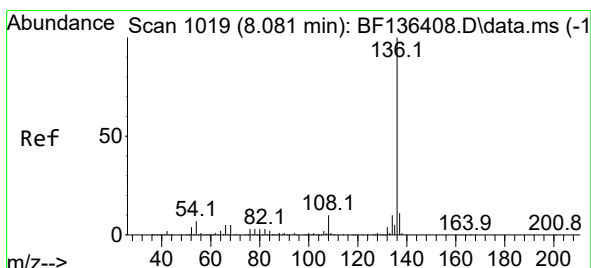
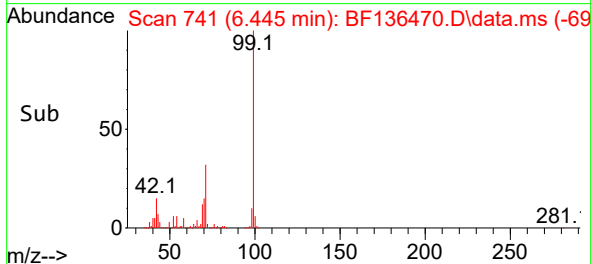
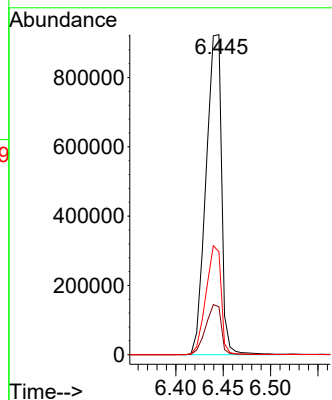
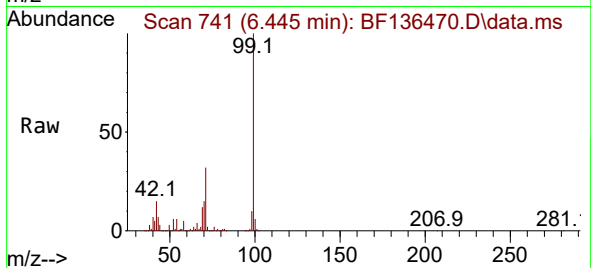




#7
Phenol-d6
Concen: 110.380 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136470.D
Acq: 08 Dec 2023 16:35

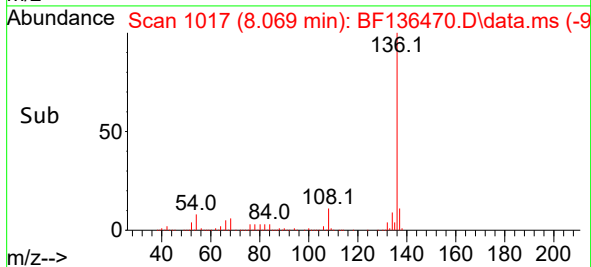
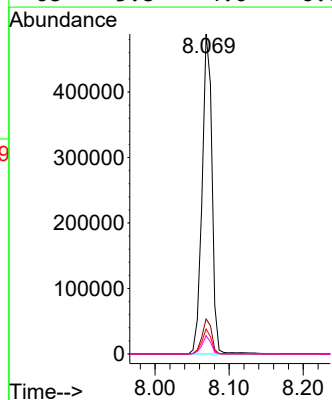
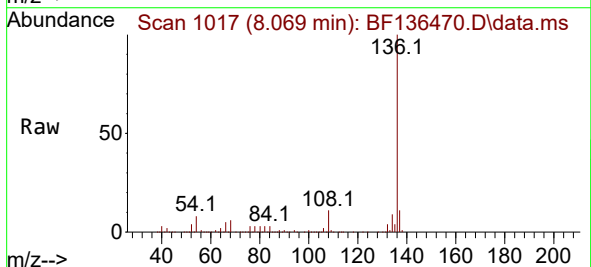
Instrument :
BNA_F
ClientSampleId :
72-11985

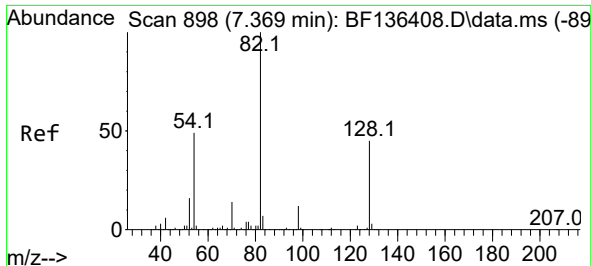
Tgt Ion: 99 Resp: 1058379
Ion Ratio Lower Upper
99 100
42 15.0 12.8 19.2
71 32.2 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136470.D
Acq: 08 Dec 2023 16:35

Tgt Ion: 136 Resp: 452292
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.8 5.7 8.5
68 5.8 4.0 6.0





#23

Nitrobenzene-d5

Concen: 89.025 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136470.D

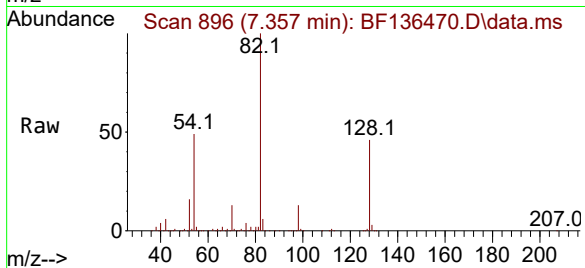
Acq: 08 Dec 2023 16:35

Instrument :

BNA_F

ClientSampleId :

72-11985



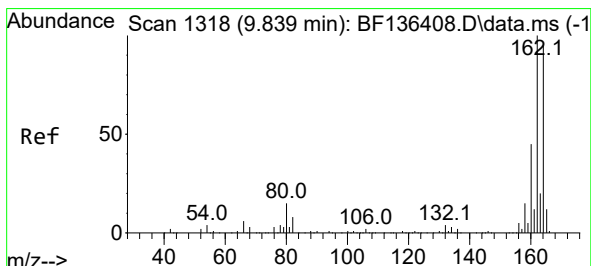
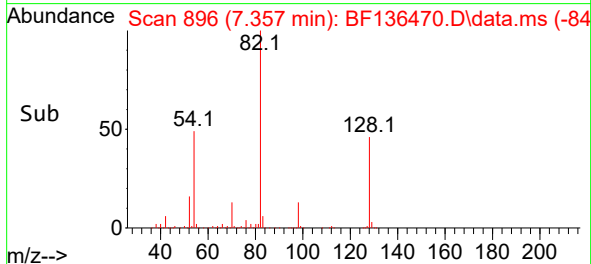
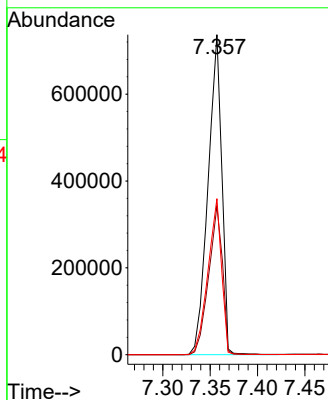
Tgt Ion: 82 Resp: 744822

Ion Ratio Lower Upper

82 100

128 46.5 36.3 54.5

54 48.7 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: BF136470.D

Acq: 08 Dec 2023 16:35

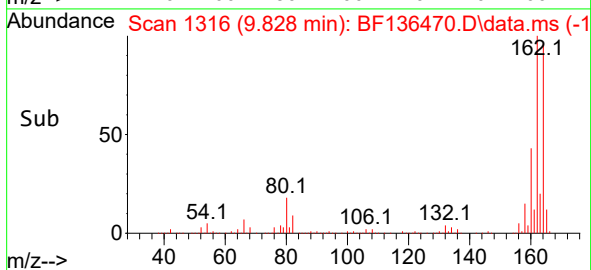
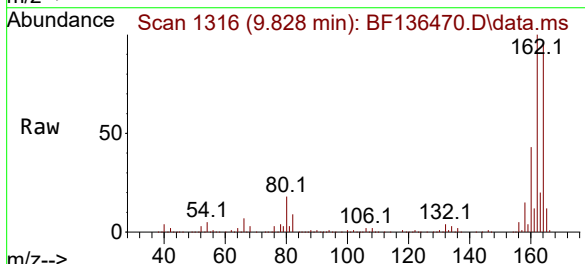
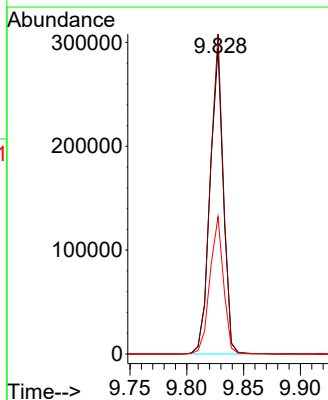
Tgt Ion: 164 Resp: 239167

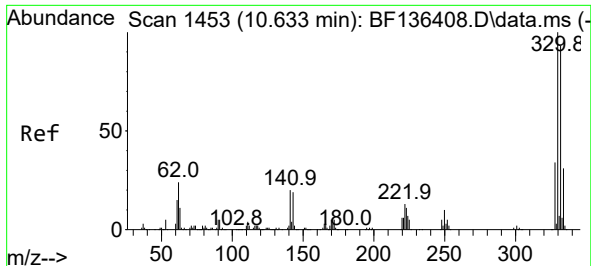
Ion Ratio Lower Upper

164 100

162 104.6 84.4 126.6

160 44.9 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 128.206 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136470.D

Acq: 08 Dec 2023 16:35

Instrument :

BNA_F

ClientSampleId :

72-11985

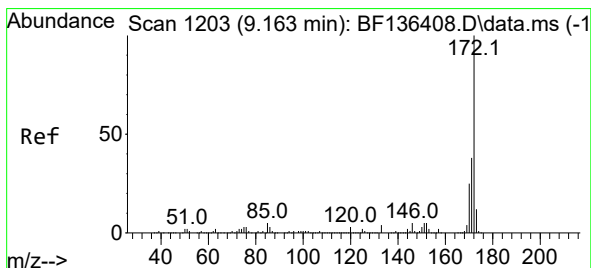
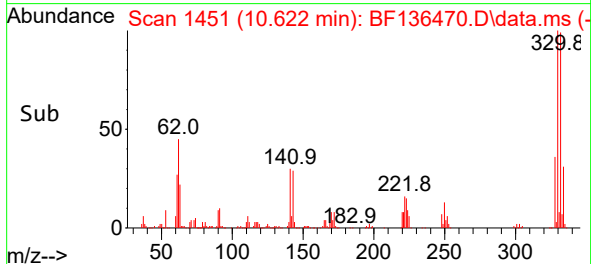
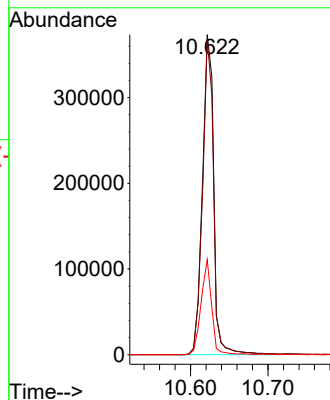
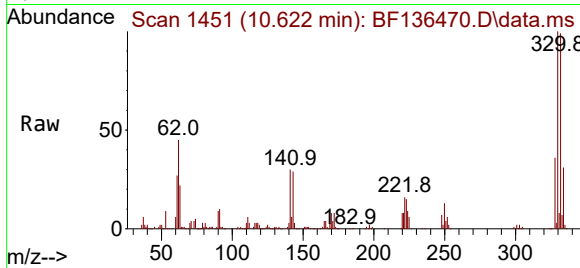
Tgt Ion:330 Resp: 378074

Ion Ratio Lower Upper

330 100

332 96.6 76.4 114.6

141 27.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 86.257 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136470.D

Acq: 08 Dec 2023 16:35

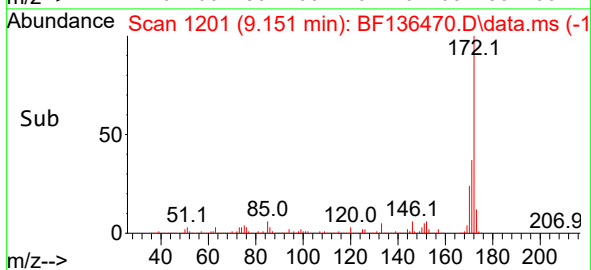
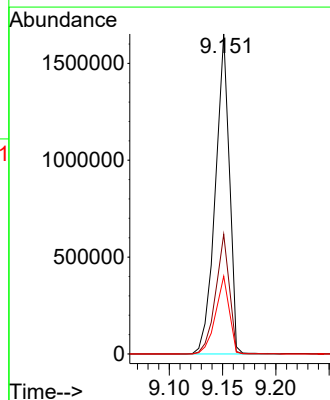
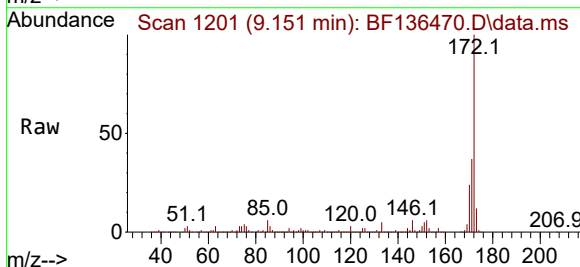
Tgt Ion:172 Resp: 1511902

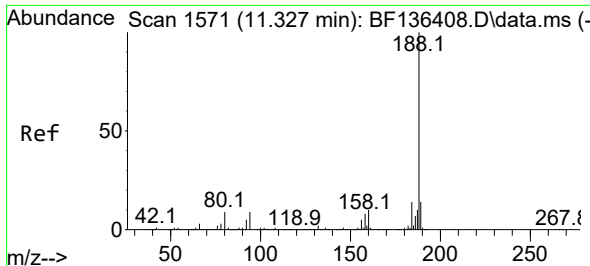
Ion Ratio Lower Upper

172 100

171 37.4 30.5 45.7

170 24.3 19.9 29.9

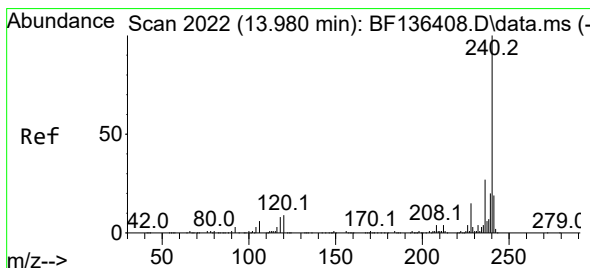
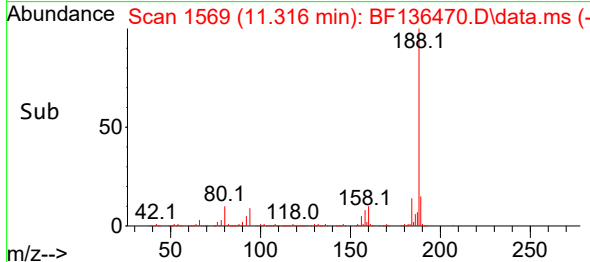
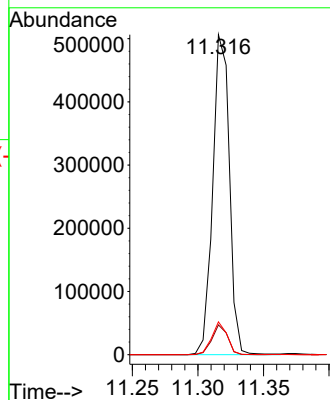
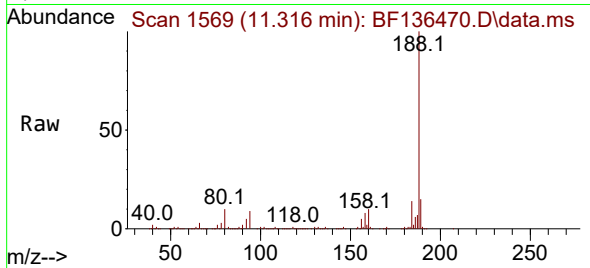




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136470.D
Acq: 08 Dec 2023 16:35

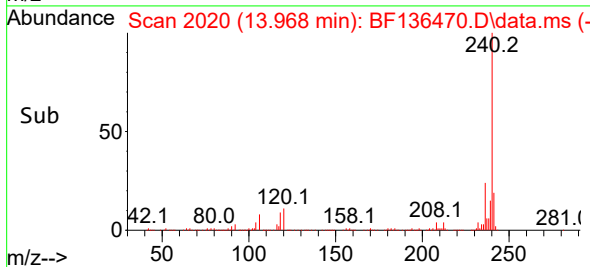
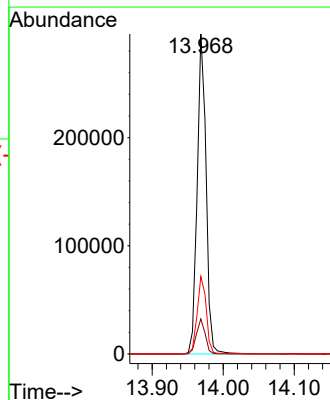
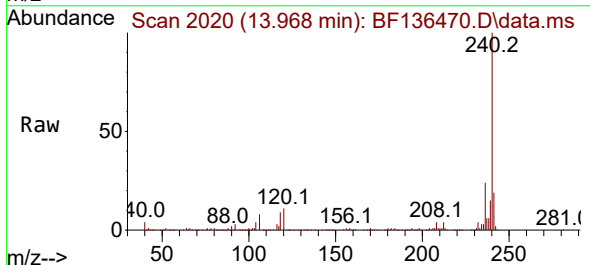
Instrument :
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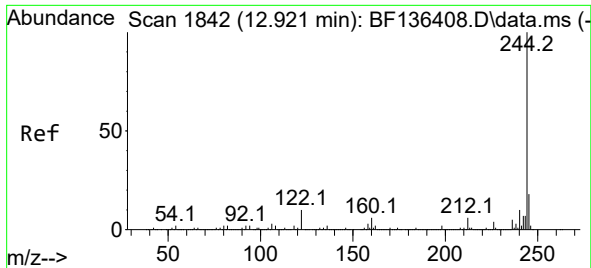
Tgt Ion:188 Resp: 447579
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 10.3 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136470.D
Acq: 08 Dec 2023 16:35

Tgt Ion:240 Resp: 258926
Ion Ratio Lower Upper
240 100
120 10.9 7.3 10.9#
236 24.2 21.3 31.9

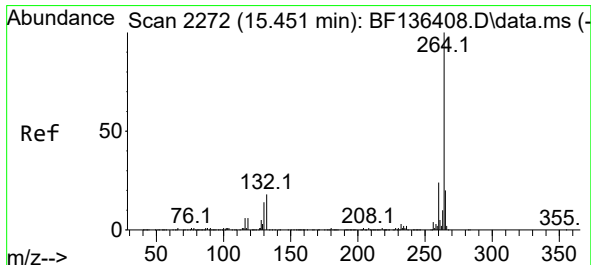
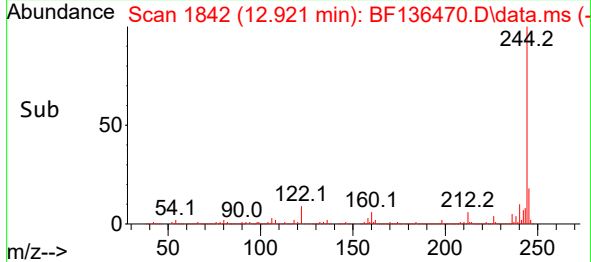
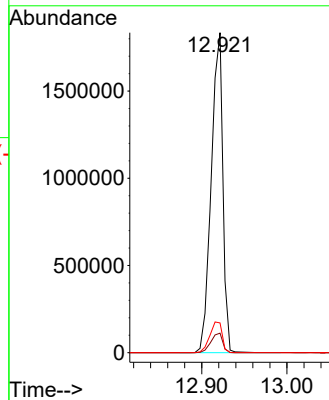
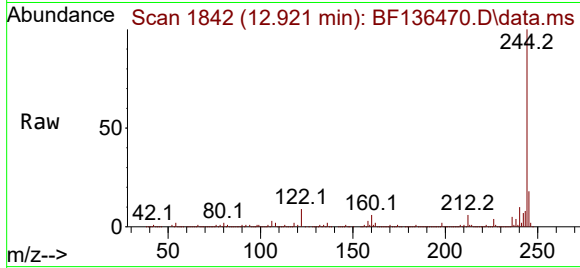




#79
 Terphenyl-d14
 Concen: 88.402 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF136470.D
 Acq: 08 Dec 2023 16:35

Instrument :
 BNA_F
 ClientSampleId :
 72-11985

Tgt Ion:244 Resp: 1736624
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 9.3 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: BF136470.D
 Acq: 08 Dec 2023 16:35

Tgt Ion:264 Resp: 226804
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 20.9 15.9 23.9

