

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136353.D
 Acq On : 02 Dec 2023 00:38
 Operator : CG\JU
 Sample : PB157389BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157389BL

Quant Time: Dec 02 03:29:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	146620	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	599786	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	292635	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	453223	20.000	ng	0.00
76) Chrysene-d12	13.980	240	254273	20.000	ng	-0.01
86) Perylene-d12	15.463	264	274294	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1243812	118.074	ng	0.02
7) Phenol-d6	6.446	99	1510177	114.654	ng	0.00
23) Nitrobenzene-d5	7.369	82	917379	80.824	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	363179	101.512	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1842963	80.442	ng	0.00
79) Terphenyl-d14	12.927	244	1409321	63.933	ng	0.00

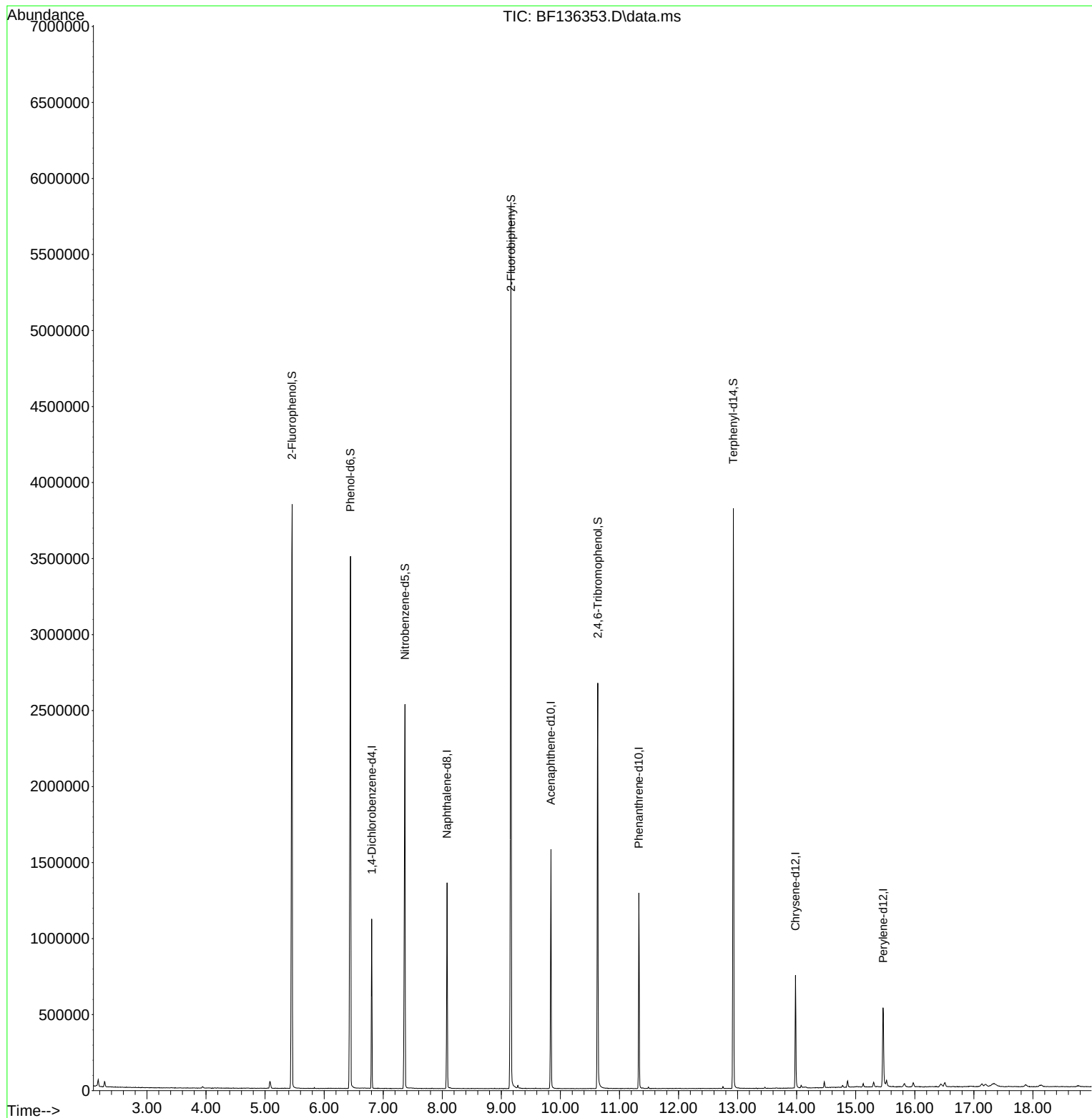
Target Compounds	Qvalue

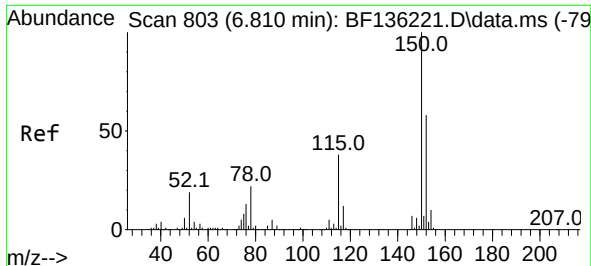
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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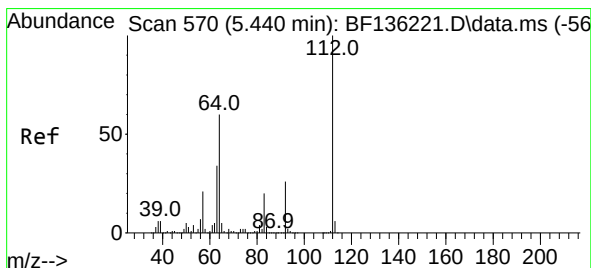
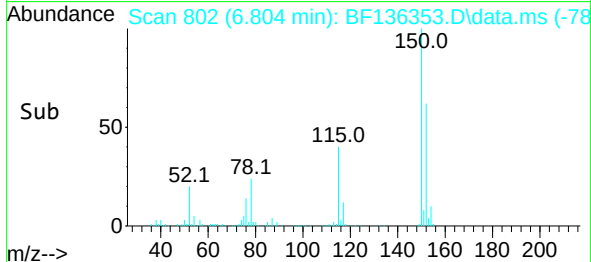
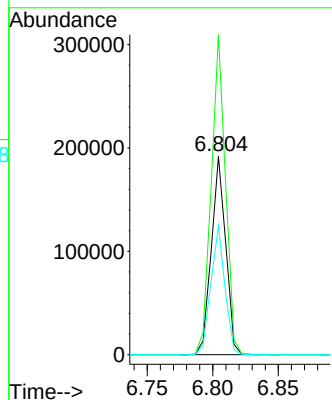
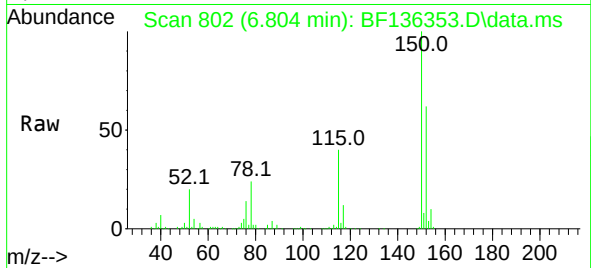




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136353.D
Acq: 02 Dec 2023 00:38

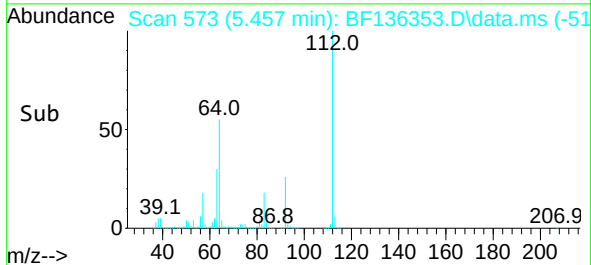
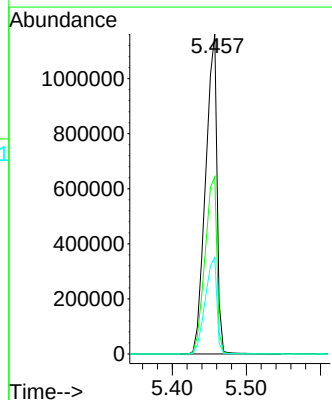
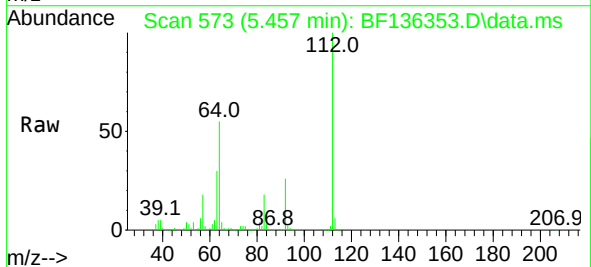
Instrument :
BNA_F
ClientSampleId :
PB157389BL

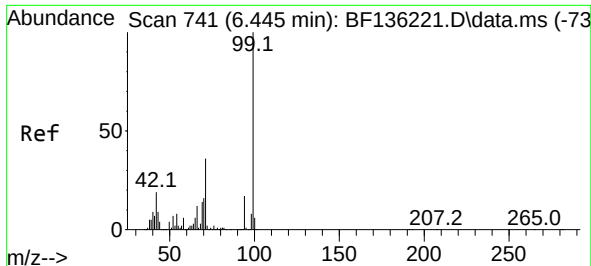
Tgt Ion:152 Resp: 146620
Ion Ratio Lower Upper
152 100
150 161.4 137.8 206.8
115 65.0 52.7 79.1



#5
2-Fluorophenol
Concen: 118.074 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF136353.D
Acq: 02 Dec 2023 00:38

Tgt Ion:112 Resp: 1243812
Ion Ratio Lower Upper
112 100
64 55.4 48.2 72.4
63 30.1 27.0 40.6



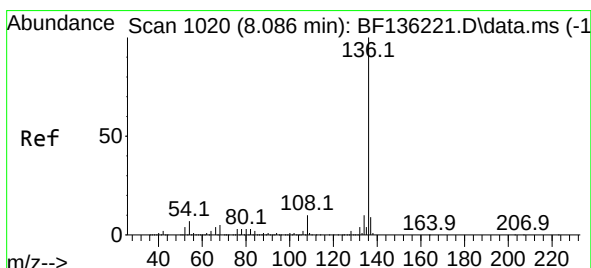
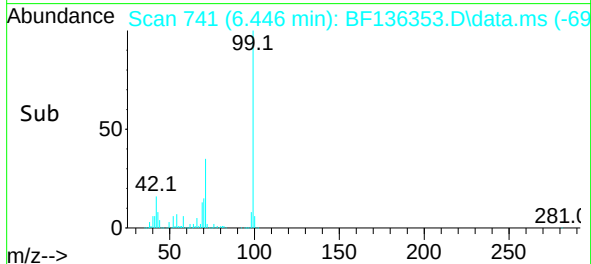
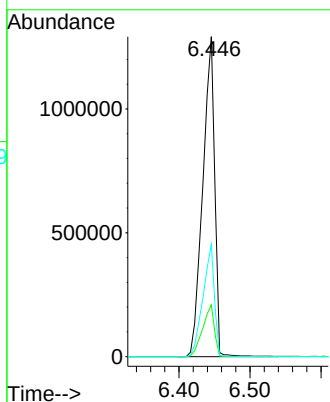
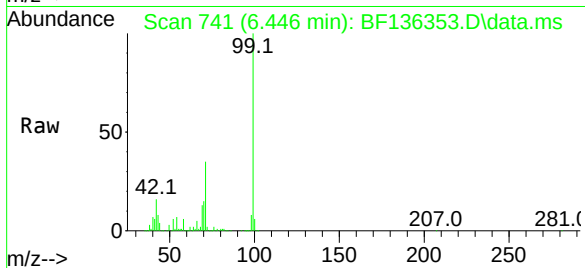


#7
Phenol-d6
Concen: 114.654 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136353.D
Acq: 02 Dec 2023 00:38

Instrument :
BNA_F
ClientSampleId :
PB157389BL

Tgt Ion: 99 Resp: 1510177

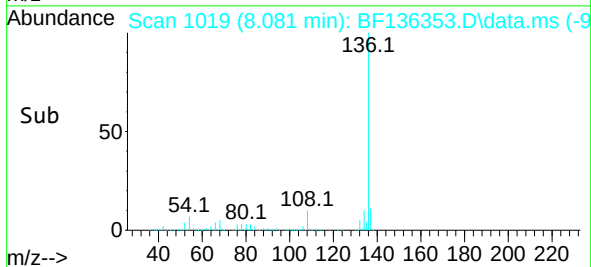
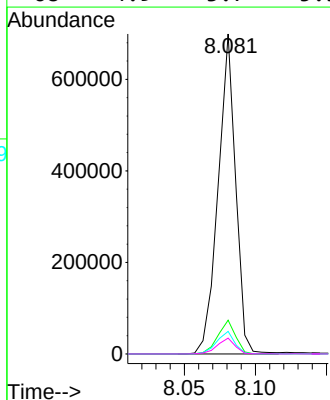
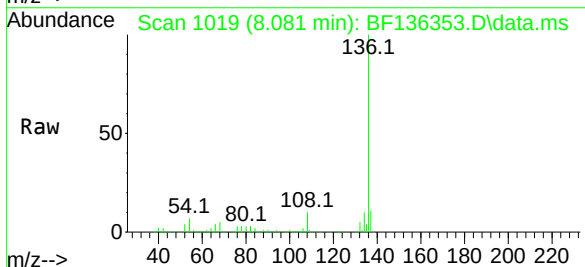
Ion	Ratio	Lower	Upper
99	100		
42	16.2	15.0	22.6
71	35.1	28.9	43.3

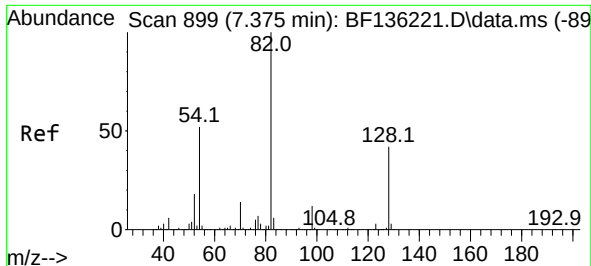


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136353.D
Acq: 02 Dec 2023 00:38

Tgt Ion: 136 Resp: 599786

Ion	Ratio	Lower	Upper
136	100		
137	10.5	7.4	11.2
54	7.1	5.5	8.3
68	4.9	3.7	5.5





#23

Nitrobenzene-d5

Concen: 80.824 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136353.D

Acq: 02 Dec 2023 00:38

Instrument :

BNA_F

ClientSampleId :

PB157389BL

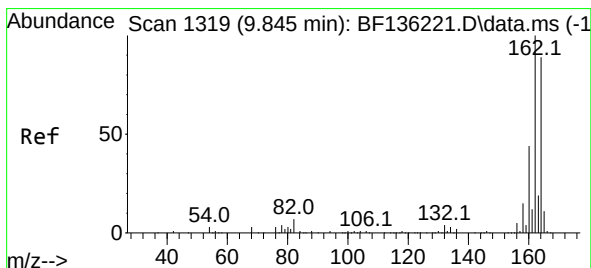
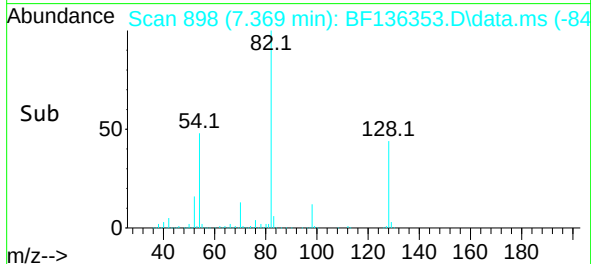
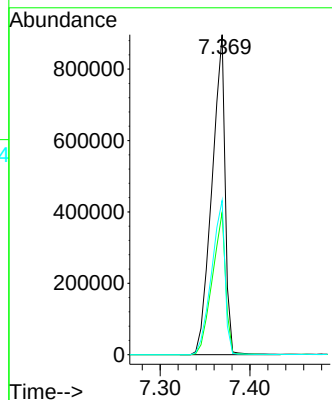
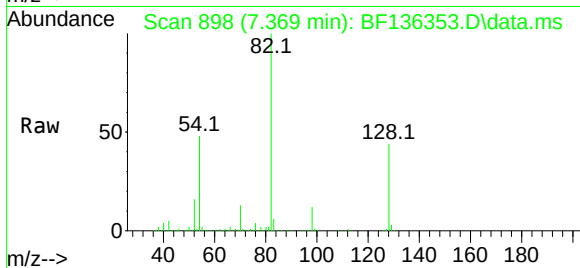
Tgt Ion: 82 Resp: 917379

Ion Ratio Lower Upper

82 100

128 44.4 33.4 50.2

54 48.2 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF136353.D

Acq: 02 Dec 2023 00:38

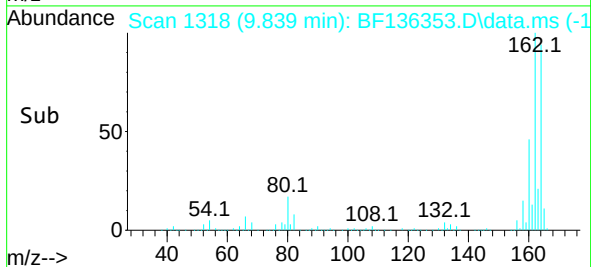
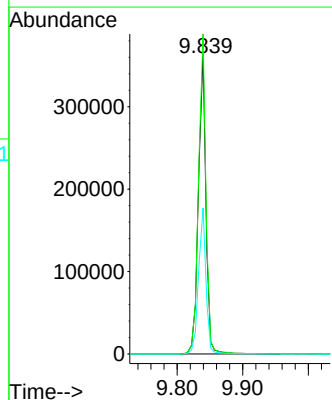
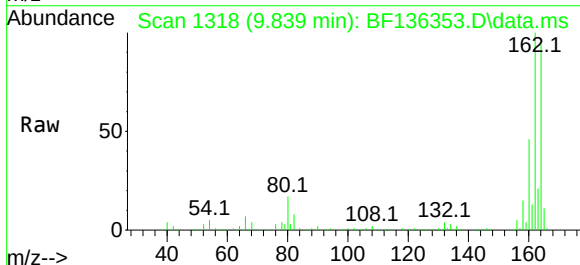
Tgt Ion: 164 Resp: 292635

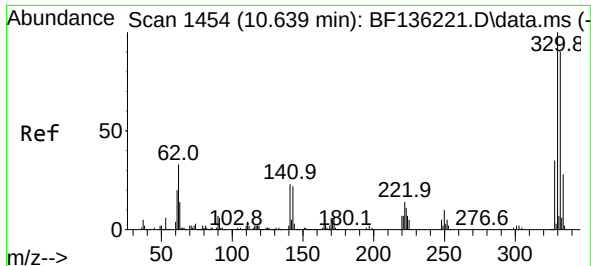
Ion Ratio Lower Upper

164 100

162 106.6 89.5 134.3

160 48.6 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 101.512 ng

RT: 10.633 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF136353.D

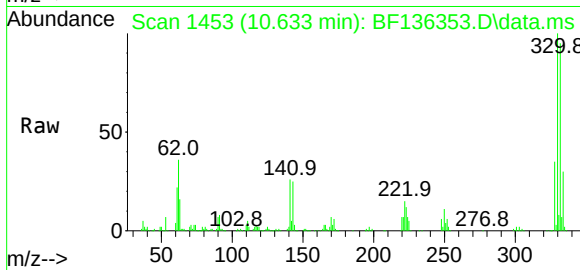
Acq: 02 Dec 2023 00:38

Instrument :

BNA_F

ClientSampleId :

PB157389BL



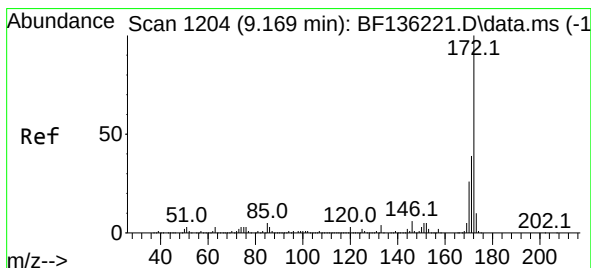
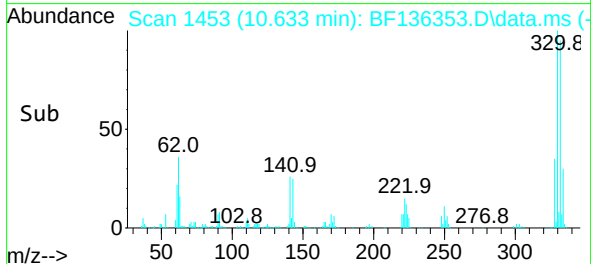
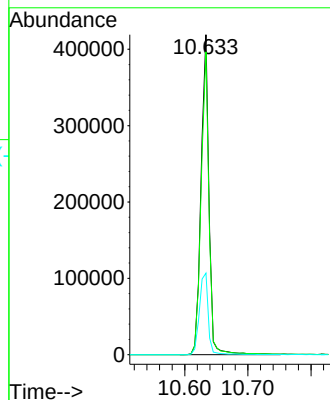
Tgt Ion:330 Resp: 363179

Ion Ratio Lower Upper

330 100

332 95.0 73.0 109.6

141 28.7 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 80.442 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136353.D

Acq: 02 Dec 2023 00:38

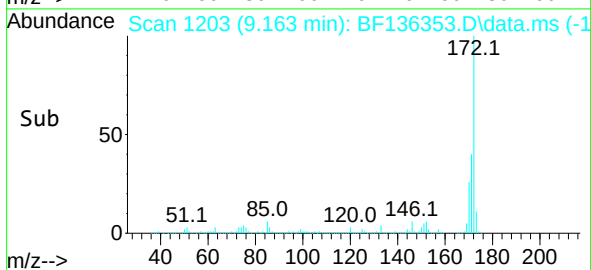
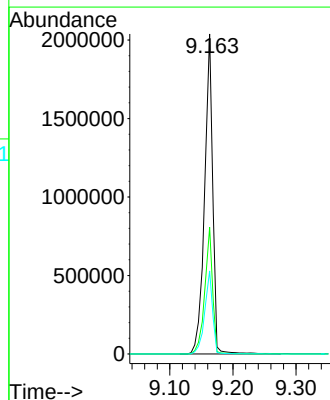
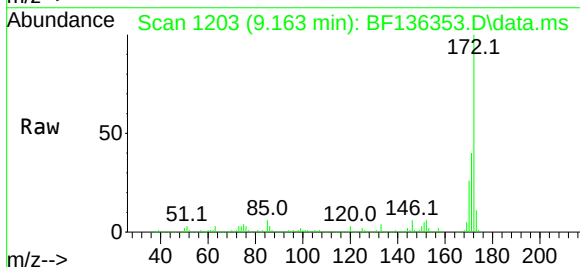
Tgt Ion:172 Resp: 1842963

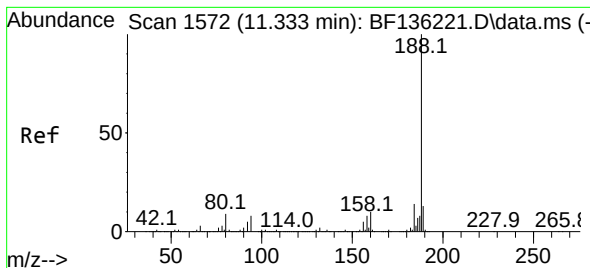
Ion Ratio Lower Upper

172 100

171 39.6 31.5 47.3

170 26.0 20.8 31.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF136353.D

Acq: 02 Dec 2023 00:38

Instrument :

BNA_F

ClientSampleId :

PB157389BL

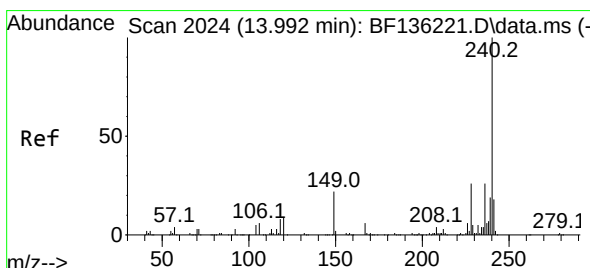
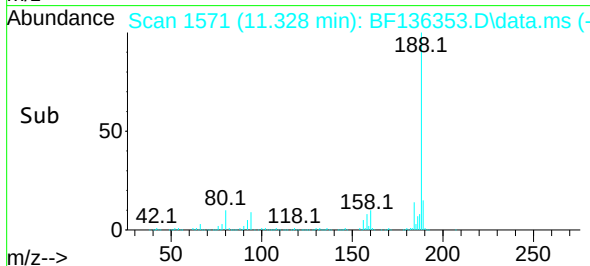
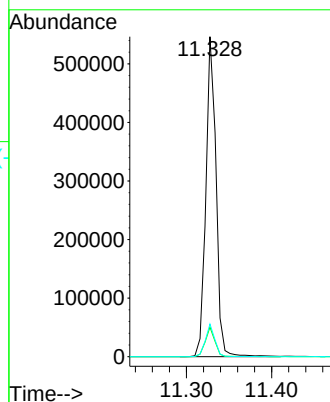
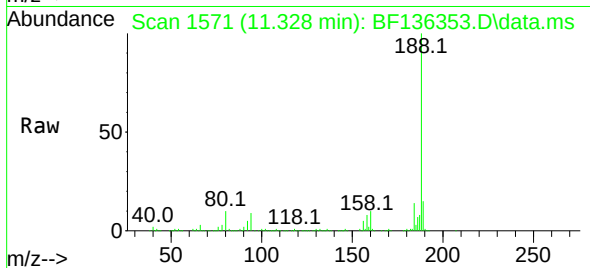
Tgt Ion:188 Resp: 453223

Ion Ratio Lower Upper

188 100

94 9.2 6.7 10.1

80 10.2 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.012 min

Lab File: BF136353.D

Acq: 02 Dec 2023 00:38

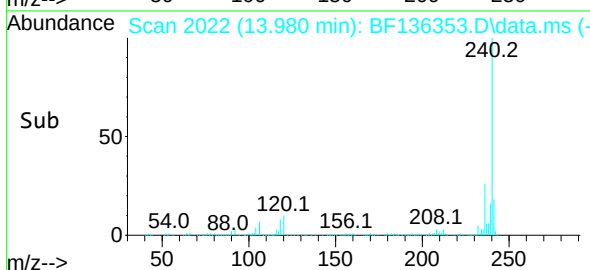
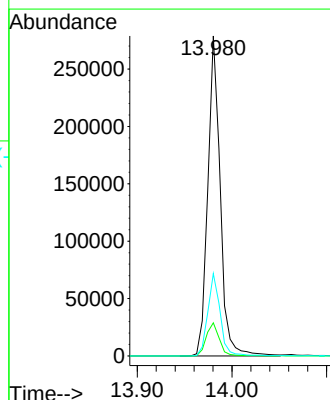
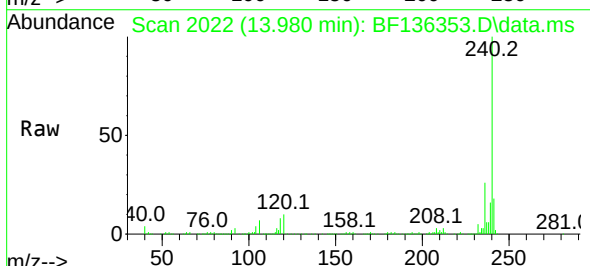
Tgt Ion:240 Resp: 254273

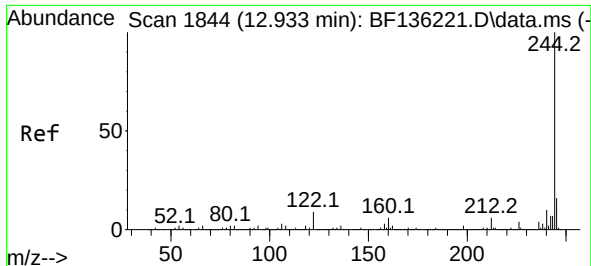
Ion Ratio Lower Upper

240 100

120 10.4 7.4 11.2

236 25.8 21.1 31.7

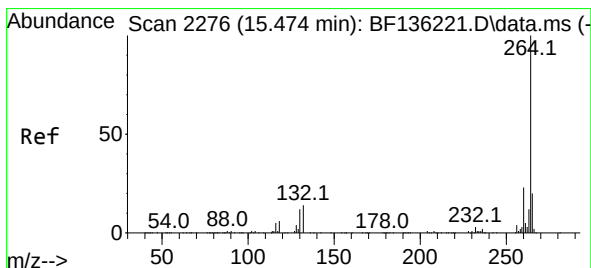
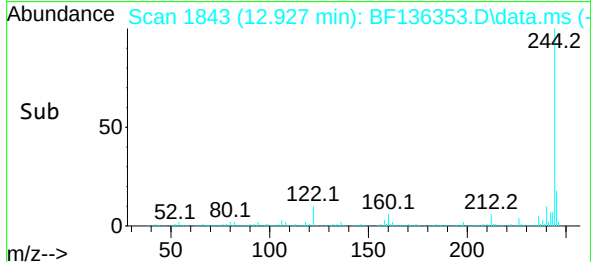
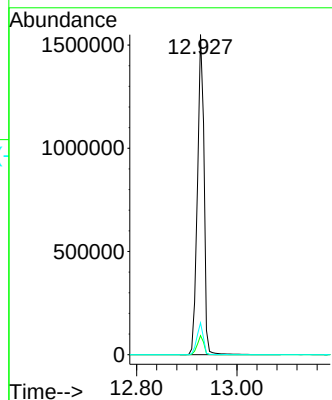
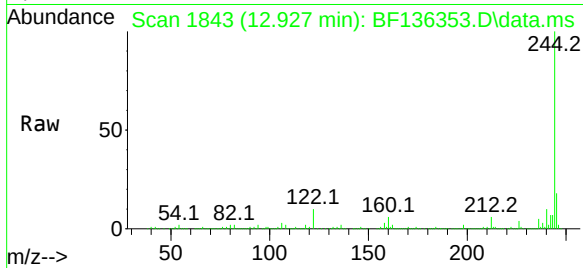




#79
 Terphenyl-d14
 Concen: 63.933 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136353.D
 Acq: 02 Dec 2023 00:38

Instrument :
 BNA_F
 ClientSampleId :
 PB157389BL

Tgt Ion:244 Resp: 1409321
 Ion Ratio Lower Upper
 244 100
 212 6.0 4.6 7.0
 122 10.0 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. -0.011 min
 Lab File: BF136353.D
 Acq: 02 Dec 2023 00:38

Tgt Ion:264 Resp: 274294
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 21.4 15.7 23.5

