

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136341.D
 Acq On : 01 Dec 2023 16:59
 Operator : CG\JU
 Sample : 05366-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-14(10-15)

Quant Time: Dec 02 00:32:46 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	119042	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	499190	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	236987	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	350936	20.000	ng	0.00
76) Chrysene-d12	13.980	240	198010	20.000	ng	-0.01
86) Perylene-d12	15.463	264	238062	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	674478	78.861	ng	0.00
7) Phenol-d6	6.440	99	854033	79.860	ng	0.00
23) Nitrobenzene-d5	7.363	82	519558	54.999	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	179523	61.961	ng	-0.01
45) 2-Fluorobiphenyl	9.163	172	1044622	56.303	ng	0.00
79) Terphenyl-d14	12.927	244	699943	40.775	ng	0.00

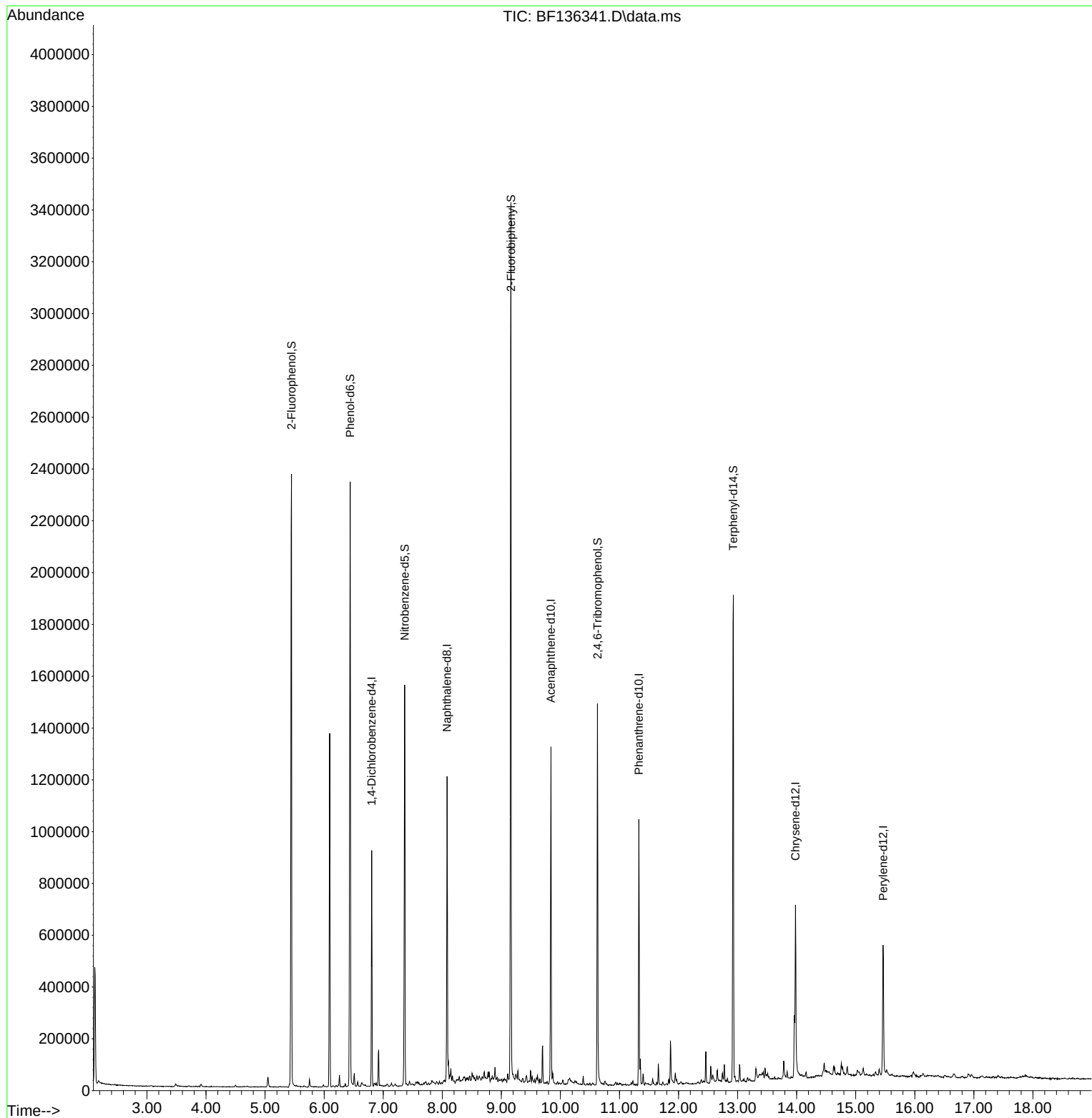
Target Compounds	Qvalue

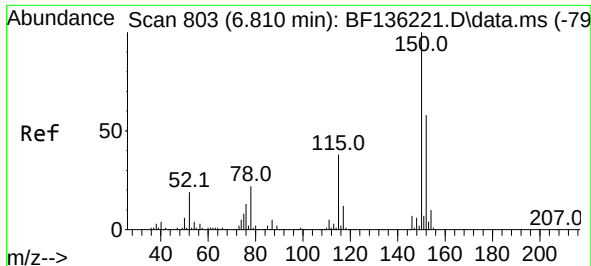
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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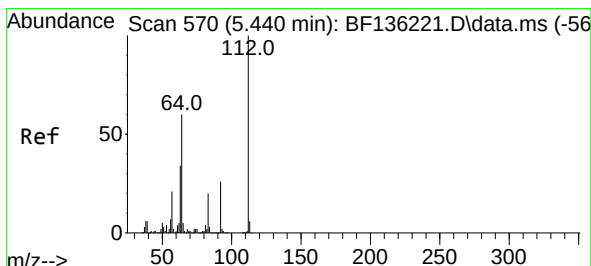
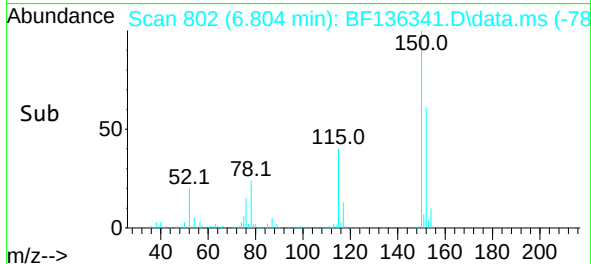
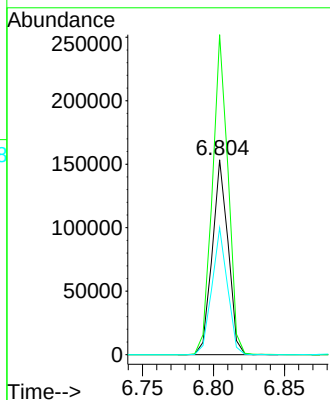
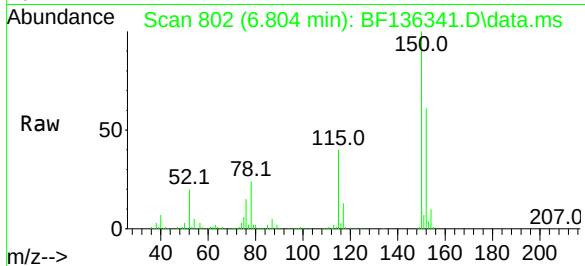




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136341.D
Acq: 01 Dec 2023 16:59

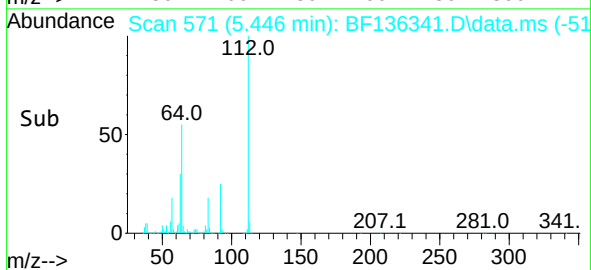
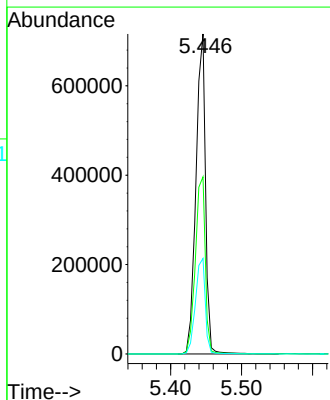
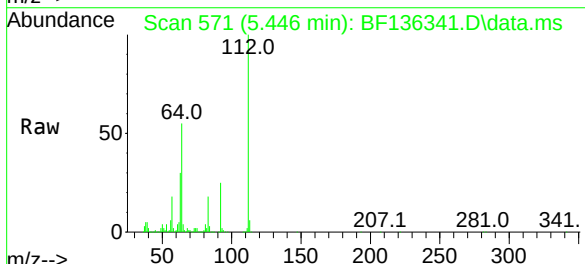
Instrument :
BNA_F
ClientSampleId :
P-14(10-15)

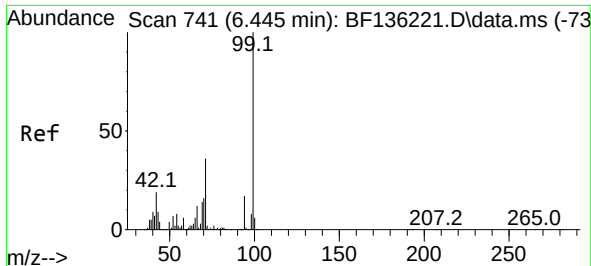
Tgt Ion:152 Resp: 119042
Ion Ratio Lower Upper
152 100
150 164.2 137.8 206.8
115 65.2 52.7 79.1



#5
2-Fluorophenol
Concen: 78.861 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF136341.D
Acq: 01 Dec 2023 16:59

Tgt Ion:112 Resp: 674478
Ion Ratio Lower Upper
112 100
64 55.4 48.2 72.4
63 29.9 27.0 40.6

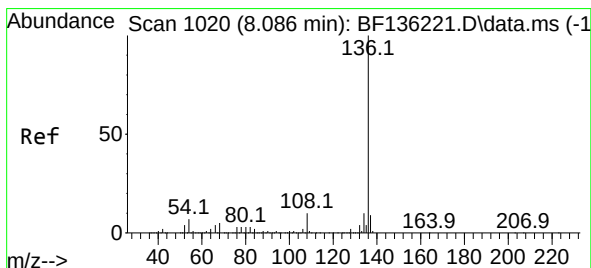
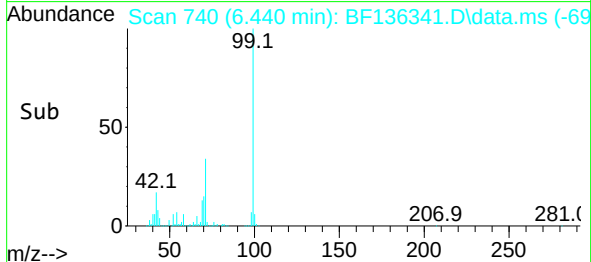
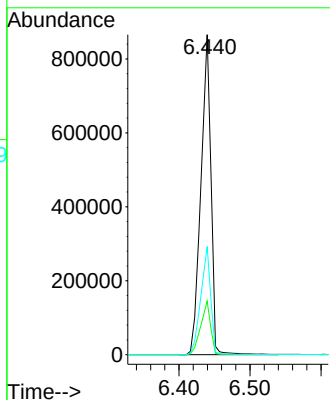
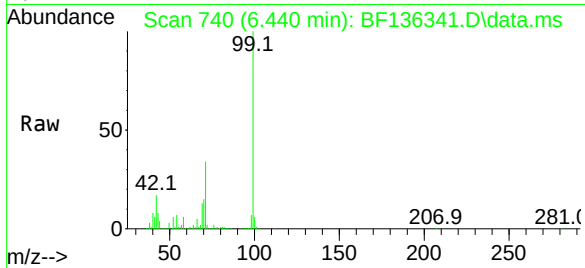




#7
Phenol-d6
Concen: 79.860 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136341.D
Acq: 01 Dec 2023 16:59

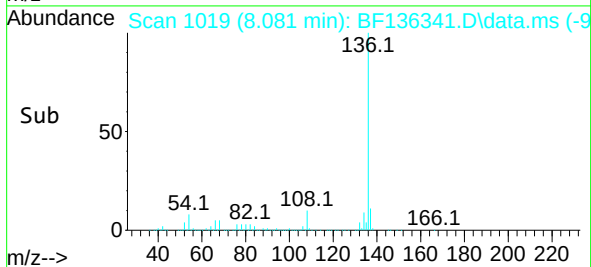
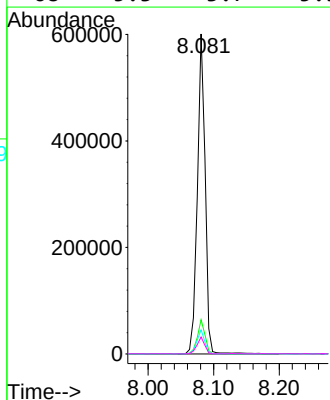
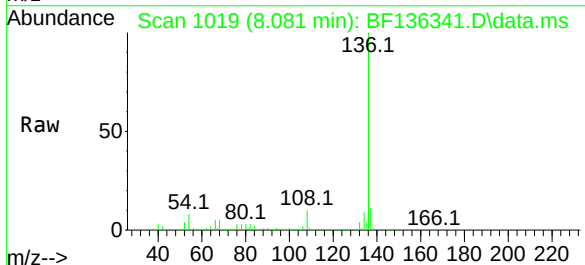
Instrument :
BNA_F
ClientSampleId :
P-14(10-15)

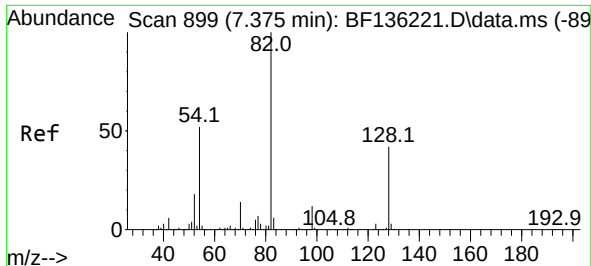
Tgt Ion: 99 Resp: 854033
Ion Ratio Lower Upper
99 100
42 16.8 15.0 22.6
71 33.8 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136341.D
Acq: 01 Dec 2023 16:59

Tgt Ion: 136 Resp: 499190
Ion Ratio Lower Upper
136 100
137 10.7 7.4 11.2
54 7.6 5.5 8.3
68 5.3 3.7 5.5





#23

Nitrobenzene-d5

Concen: 54.999 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136341.D

Acq: 01 Dec 2023 16:59

Instrument :

BNA_F

ClientSampleId :

P-14(10-15)

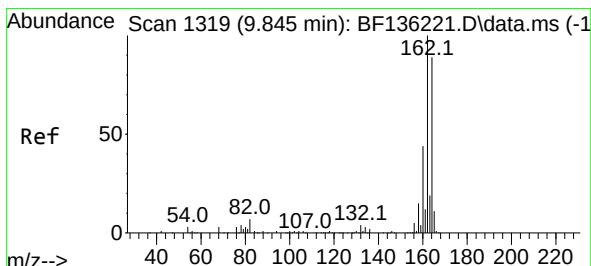
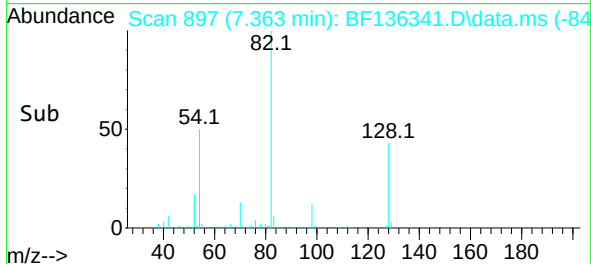
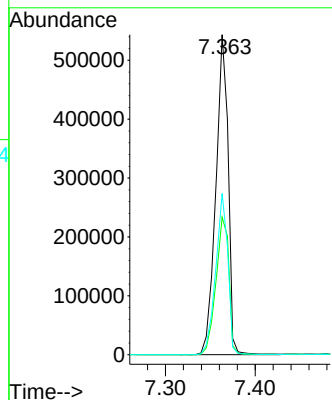
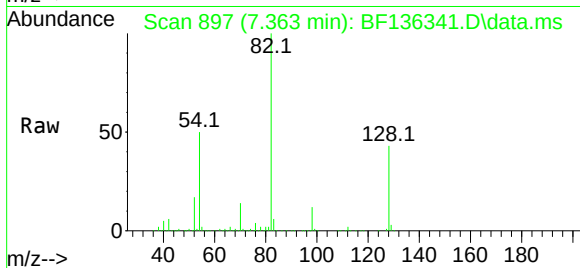
Tgt Ion: 82 Resp: 519558

Ion Ratio Lower Upper

82 100

128 43.0 33.4 50.2

54 50.4 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: BF136341.D

Acq: 01 Dec 2023 16:59

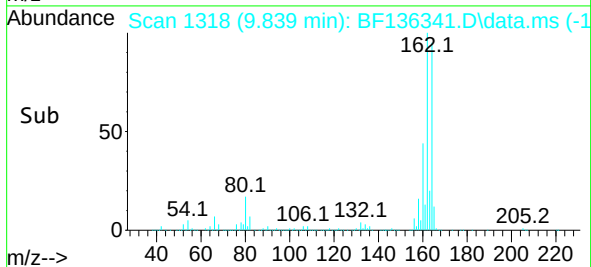
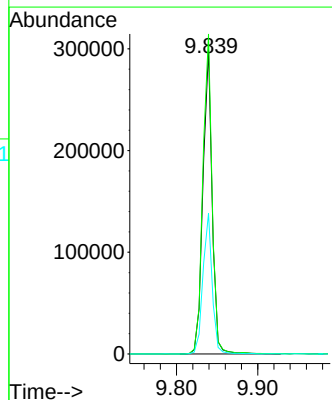
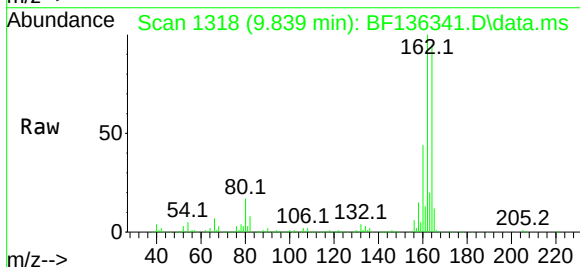
Tgt Ion: 164 Resp: 236987

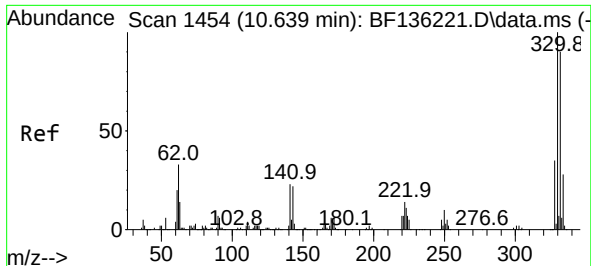
Ion Ratio Lower Upper

164 100

162 105.2 89.5 134.3

160 46.2 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 61.961 ng

RT: 10.628 min Scan# 1454

Delta R.T. -0.012 min

Lab File: BF136341.D

Acq: 01 Dec 2023 16:59

Instrument :

BNA_F

ClientSampleId :

P-14(10-15)

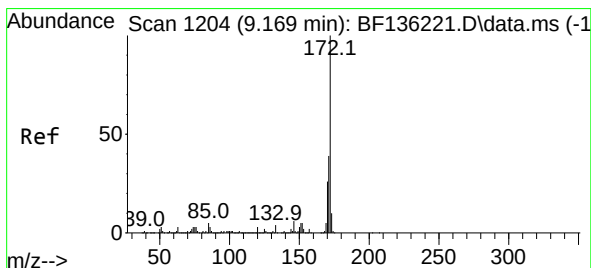
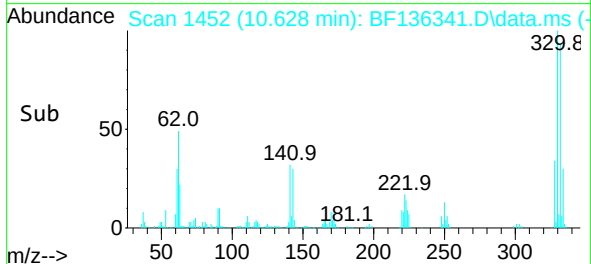
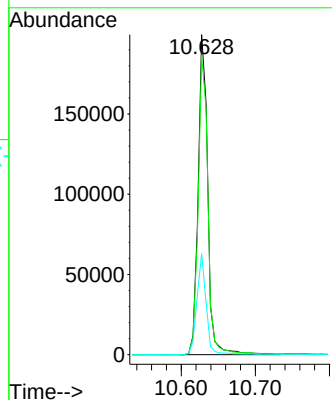
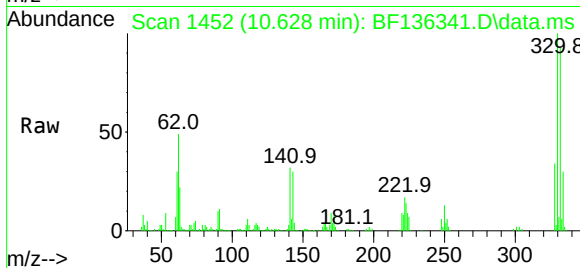
Tgt Ion:330 Resp: 179523

Ion Ratio Lower Upper

330 100

332 94.9 73.0 109.6

141 30.5 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 56.303 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136341.D

Acq: 01 Dec 2023 16:59

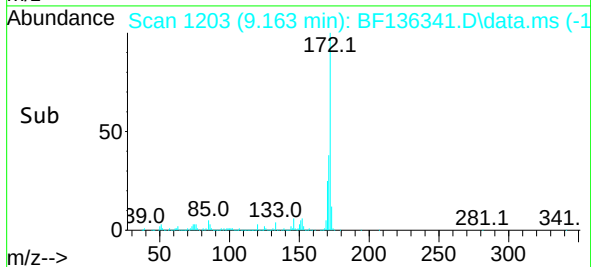
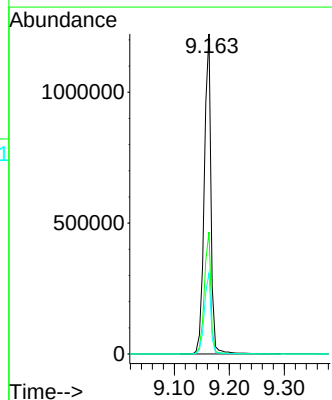
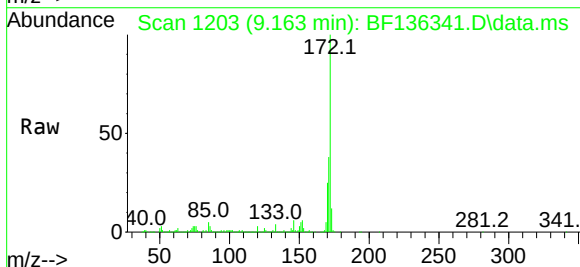
Tgt Ion:172 Resp: 1044622

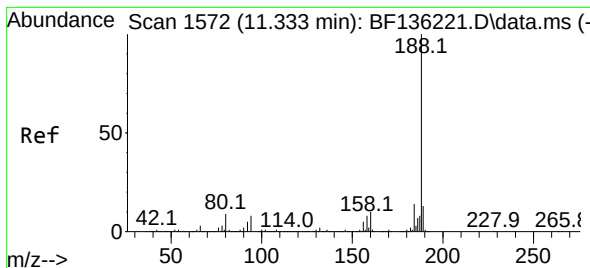
Ion Ratio Lower Upper

172 100

171 38.1 31.5 47.3

170 25.3 20.8 31.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF136341.D

Acq: 01 Dec 2023 16:59

Instrument :

BNA_F

ClientSampleId :

P-14(10-15)

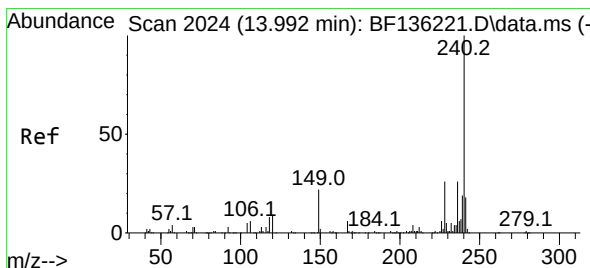
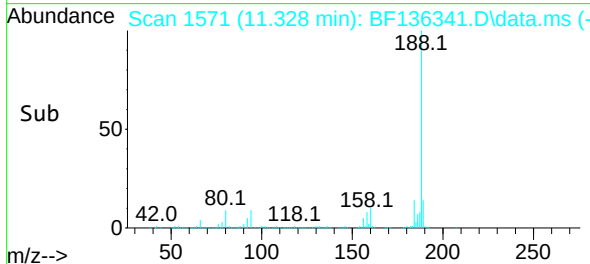
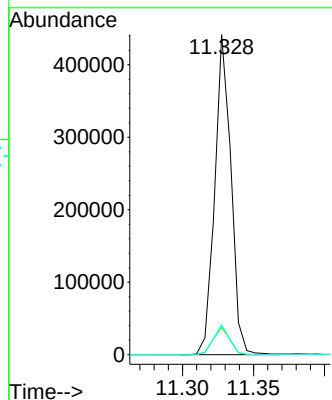
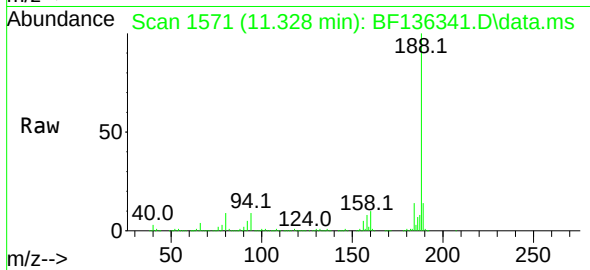
Tgt Ion:188 Resp: 350936

Ion Ratio Lower Upper

188 100

94 8.6 6.7 10.1

80 9.4 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: BF136341.D

Acq: 01 Dec 2023 16:59

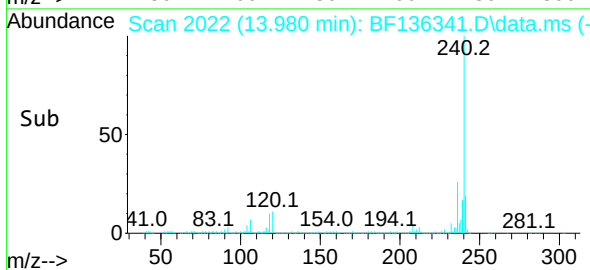
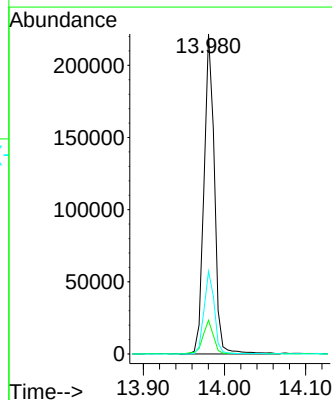
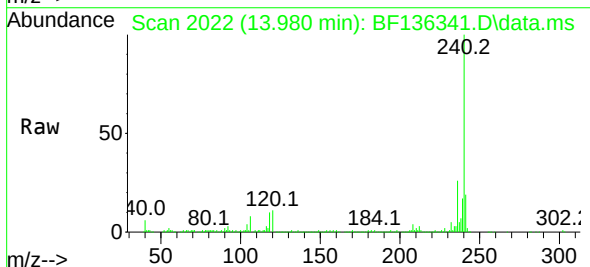
Tgt Ion:240 Resp: 198010

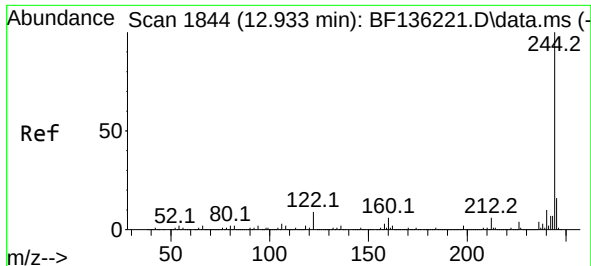
Ion Ratio Lower Upper

240 100

120 10.6 7.4 11.2

236 25.8 21.1 31.7





#79

Terphenyl-d14

Concen: 40.775 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF136341.D

Acq: 01 Dec 2023 16:59

Instrument :

BNA_F

ClientSampleId :

P-14(10-15)

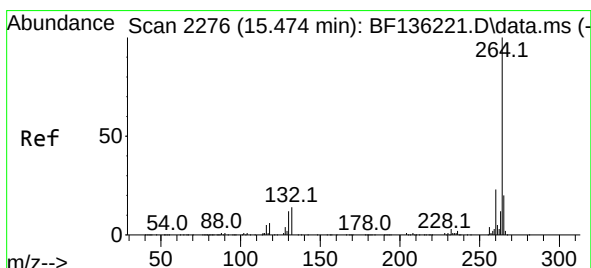
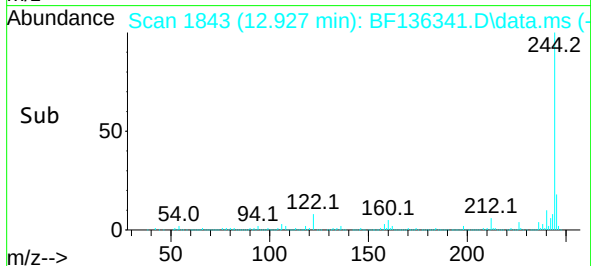
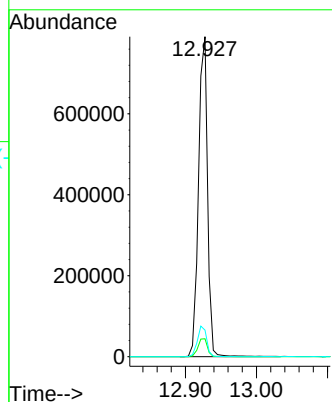
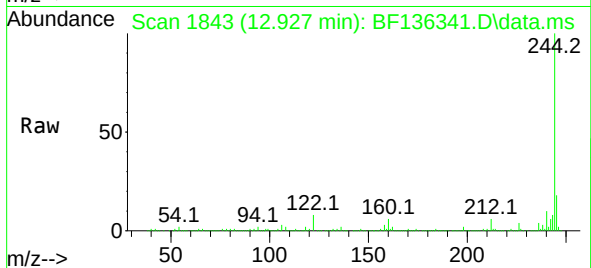
Tgt Ion:244 Resp: 699943

Ion Ratio Lower Upper

244 100

212 5.6 4.6 7.0

122 8.3 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: BF136341.D

Acq: 01 Dec 2023 16:59

Tgt Ion:264 Resp: 238062

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 22.4 15.7 23.5

