

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136268.D
 Acq On : 29 Nov 2023 01:21
 Operator : CG\JU
 Sample : 05547-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BCC-8002

Quant Time: Nov 29 03:13:05 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	106378	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	394362	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	151954	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	255716	20.000	ng	0.00
76) Chrysene-d12	13.980	240	244385	20.000	ng	-0.01
86) Perylene-d12	15.463	264	173852	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	662946	86.740	ng	0.00
7) Phenol-d6	6.434	99	793045	82.985	ng	-0.01
23) Nitrobenzene-d5	7.363	82	464057	62.182	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	150230	80.866	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	860397	72.324	ng	-0.01
79) Terphenyl-d14	12.927	244	964011	45.501	ng	0.00

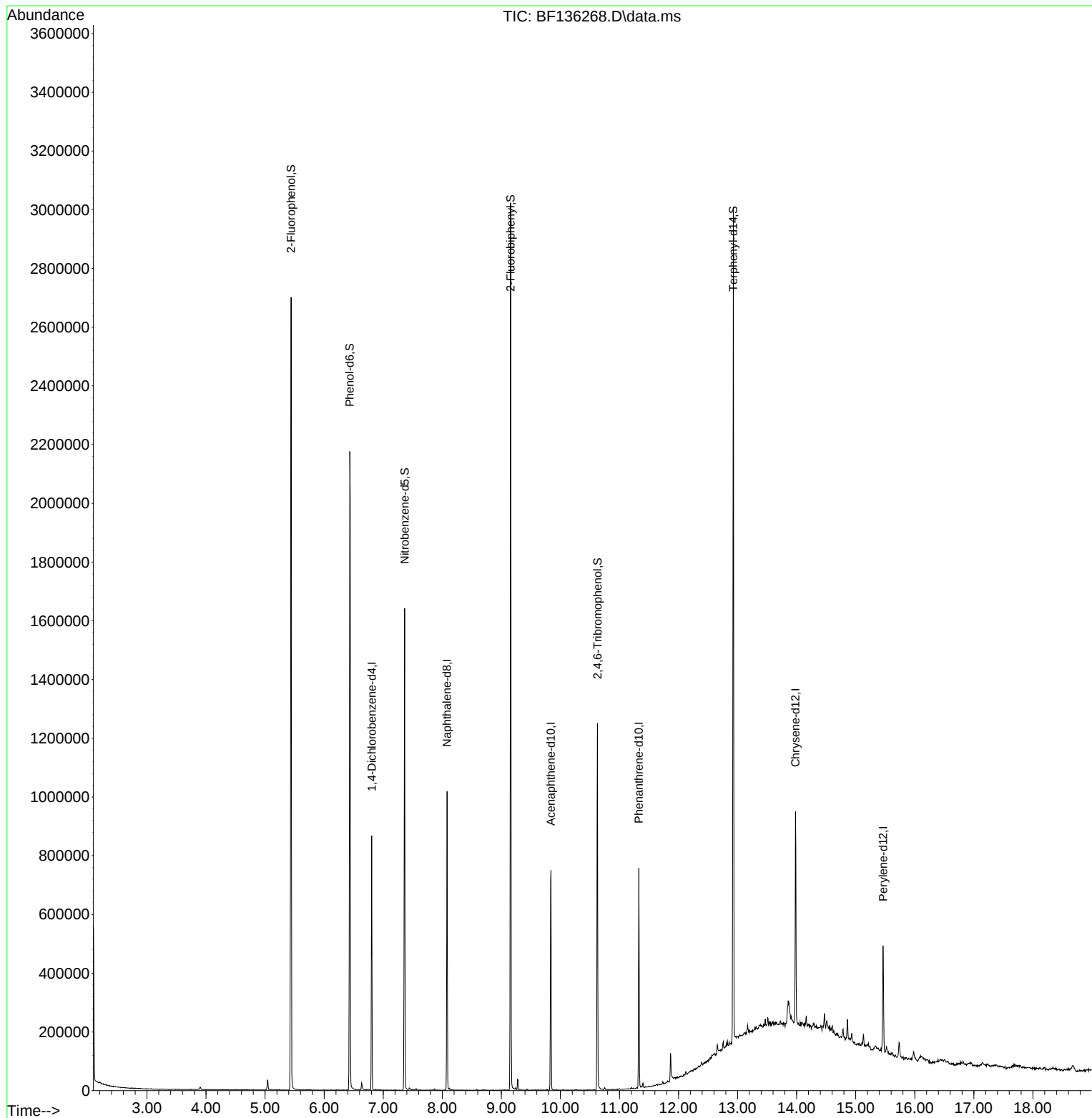
Target Compounds	Qvalue

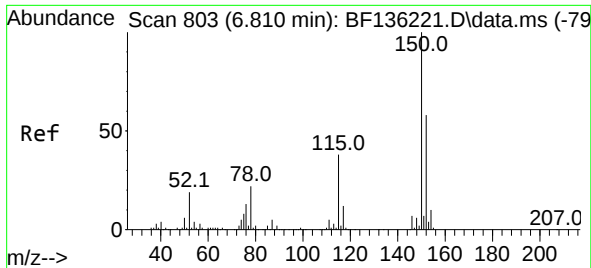
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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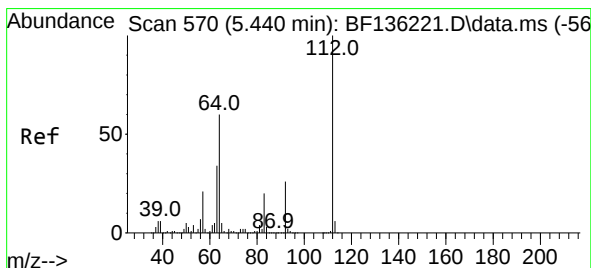
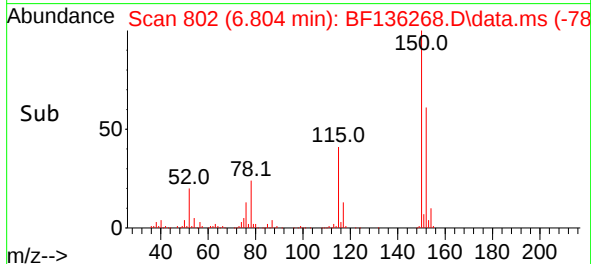
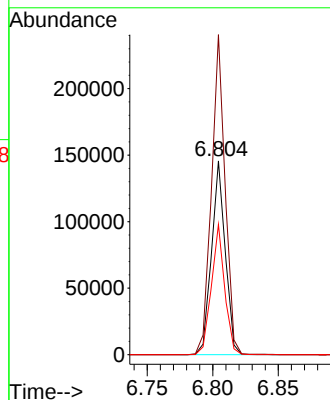
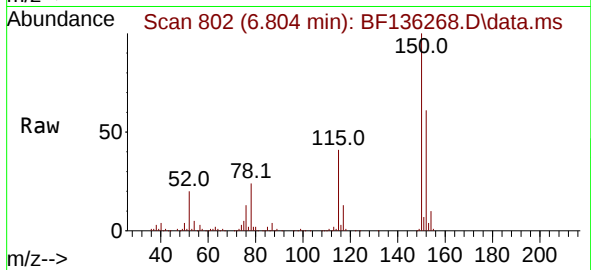




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136268.D
Acq: 29 Nov 2023 01:21

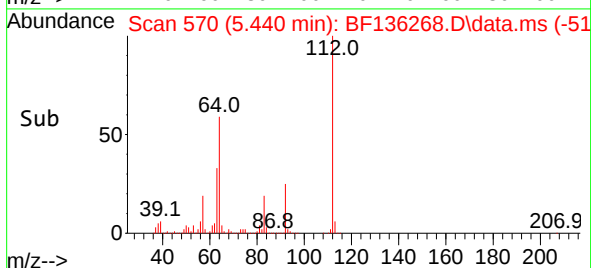
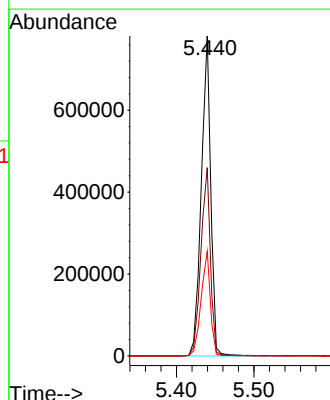
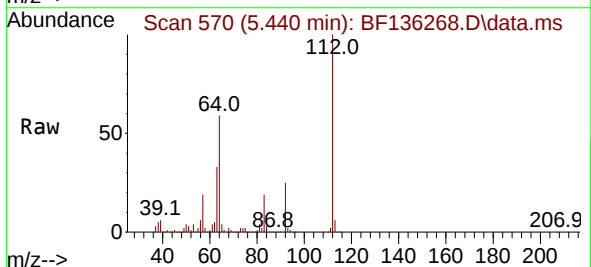
Instrument :
BNA_F
ClientSampleId :
BCC-8002

Tgt Ion:152 Resp: 106378
Ion Ratio Lower Upper
152 100
150 165.1 137.8 206.8
115 67.2 52.7 79.1



#5
2-Fluorophenol
Concen: 86.740 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF136268.D
Acq: 29 Nov 2023 01:21

Tgt Ion:112 Resp: 662946
Ion Ratio Lower Upper
112 100
64 58.9 48.2 72.4
63 32.7 27.0 40.6

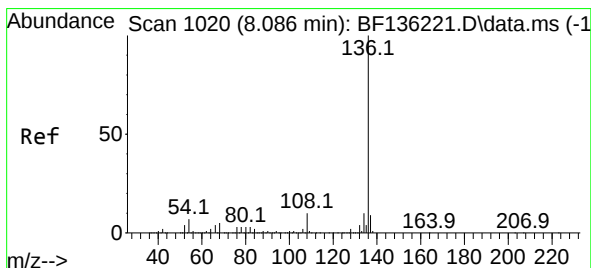
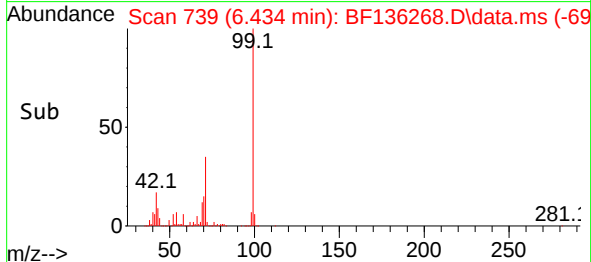
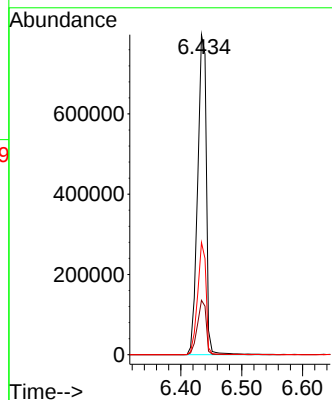
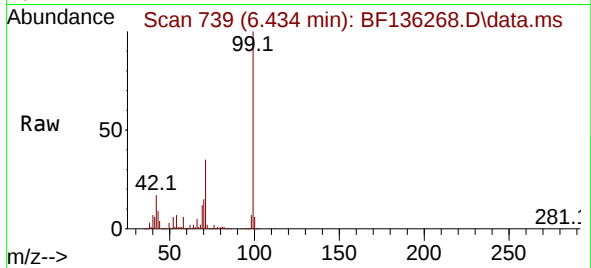




#7
Phenol-d6
Concen: 82.985 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136268.D
Acq: 29 Nov 2023 01:21

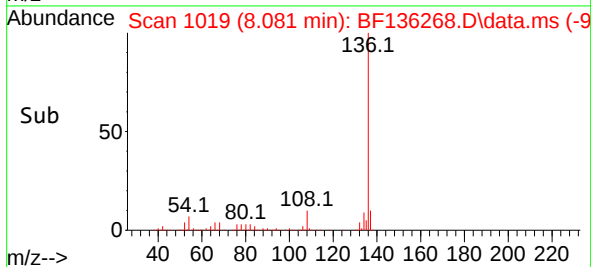
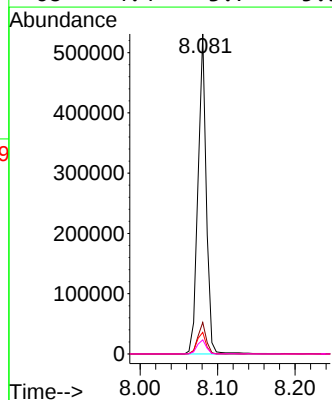
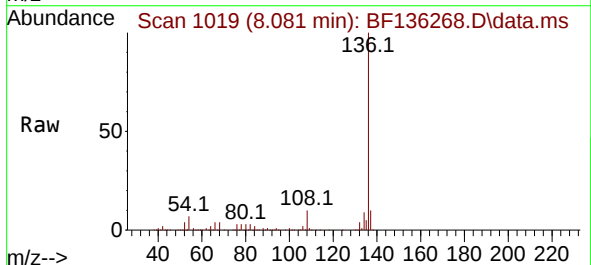
Instrument :
BNA_F
ClientSampleId :
BCC-8002

Tgt Ion: 99 Resp: 793045
Ion Ratio Lower Upper
99 100
42 17.0 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: BF136268.D
Acq: 29 Nov 2023 01:21

Tgt Ion: 136 Resp: 394362
Ion Ratio Lower Upper
136 100
137 9.8 7.4 11.2
54 6.8 5.5 8.3
68 4.4 3.7 5.5





#23

Nitrobenzene-d5

Concen: 62.182 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136268.D

Acq: 29 Nov 2023 01:21

Instrument :

BNA_F

ClientSampleId :

BCC-8002

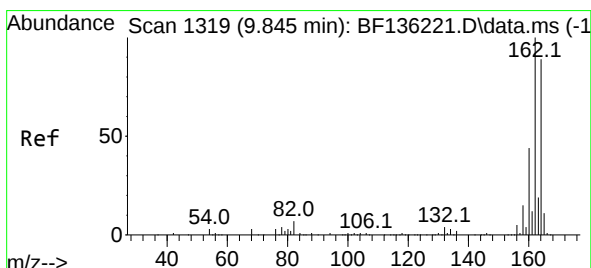
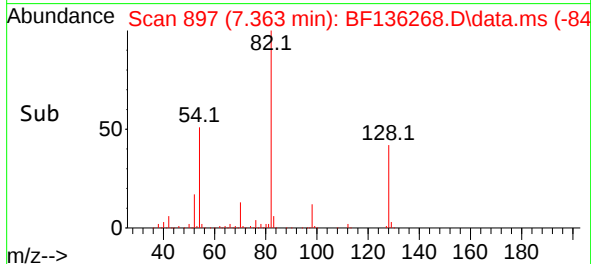
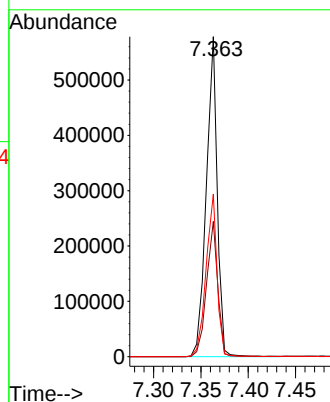
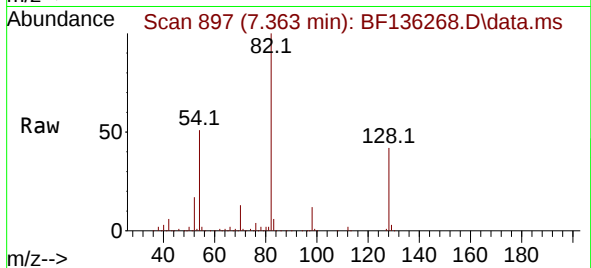
Tgt Ion: 82 Resp: 464057

Ion Ratio Lower Upper

82 100

128 42.3 33.4 50.2

54 50.7 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: BF136268.D

Acq: 29 Nov 2023 01:21

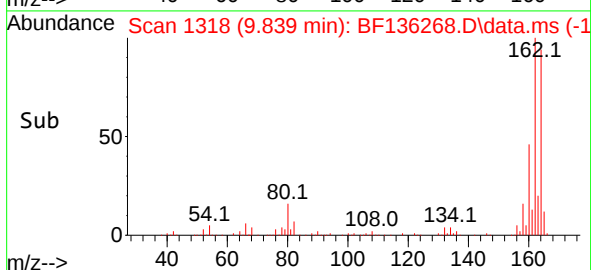
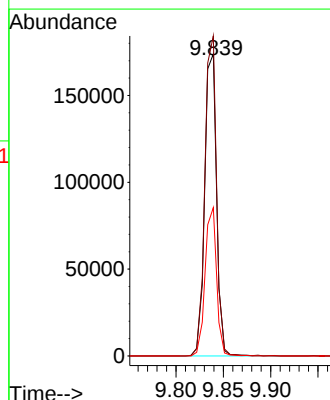
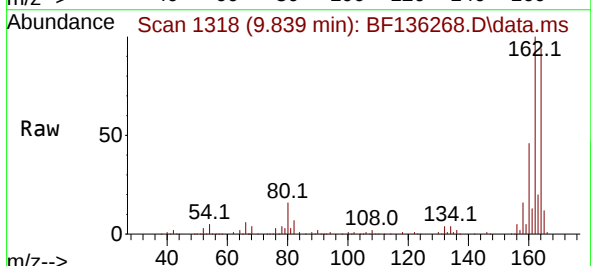
Tgt Ion:164 Resp: 151954

Ion Ratio Lower Upper

164 100

162 105.9 89.5 134.3

160 49.1 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 80.866 ng

RT: 10.628 min Scan# 1454

Delta R.T. -0.012 min

Lab File: BF136268.D

Acq: 29 Nov 2023 01:21

Instrument :

BNA_F

ClientSampleId :

BCC-8002

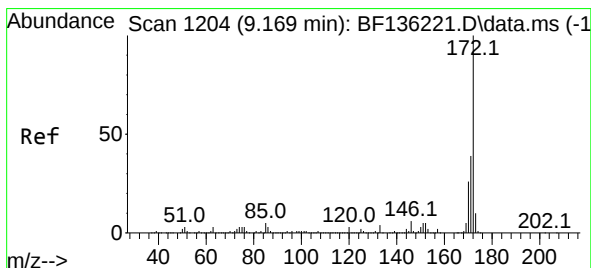
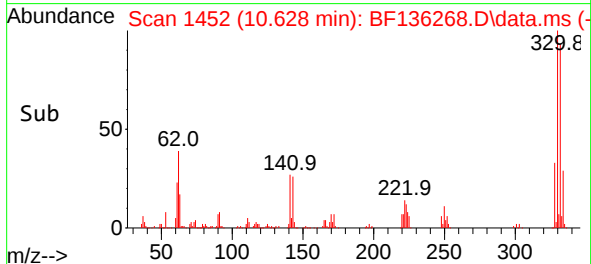
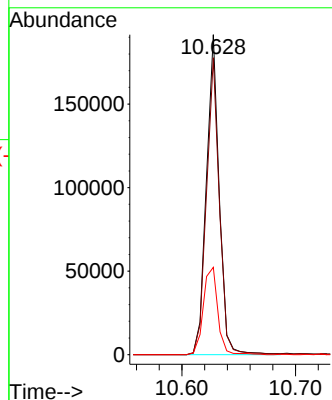
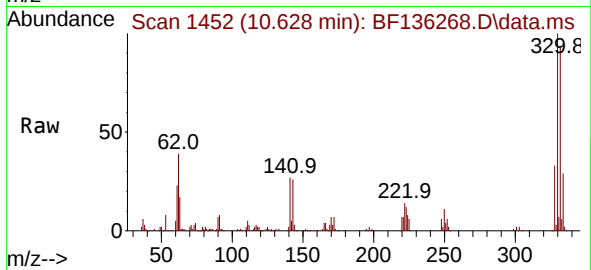
Tgt Ion:330 Resp: 150230

Ion Ratio Lower Upper

330 100

332 94.3 73.0 109.6

141 30.8 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 72.324 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.012 min

Lab File: BF136268.D

Acq: 29 Nov 2023 01:21

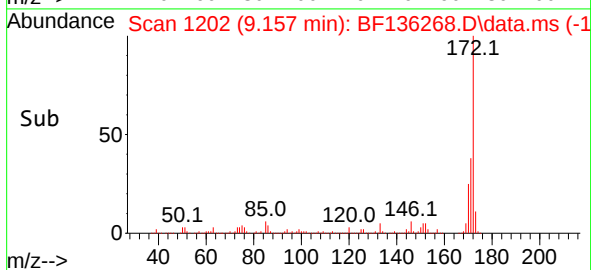
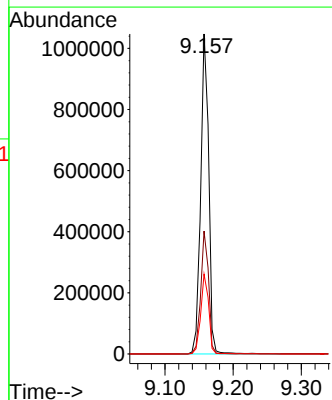
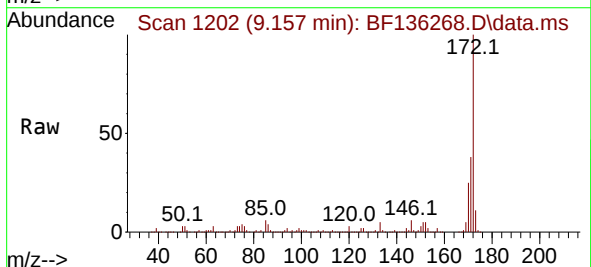
Tgt Ion:172 Resp: 860397

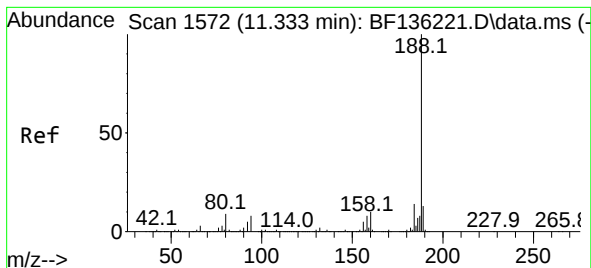
Ion Ratio Lower Upper

172 100

171 38.4 31.5 47.3

170 25.0 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: BF136268.D

Acq: 29 Nov 2023 01:21

Instrument :

BNA_F

ClientSampleId :

BCC-8002

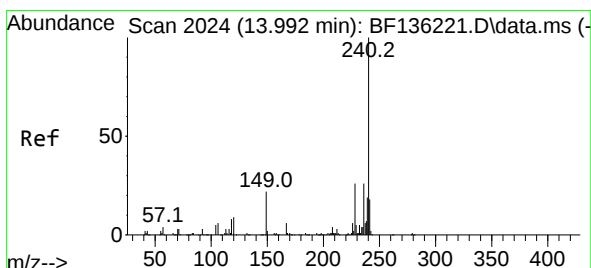
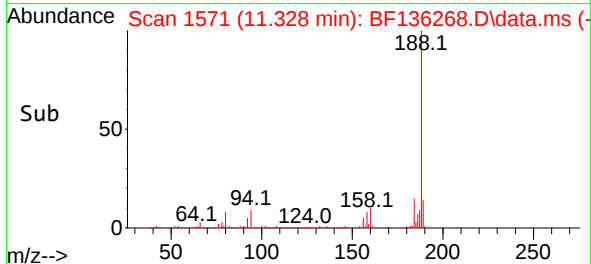
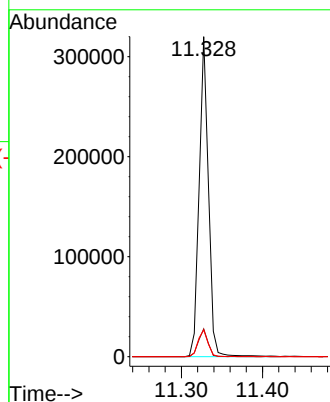
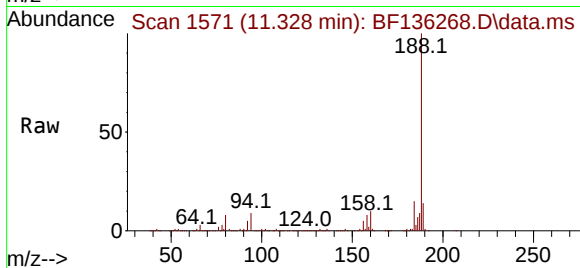
Tgt Ion:188 Resp: 255716

Ion Ratio Lower Upper

188 100

94 8.7 6.7 10.1

80 8.4 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: BF136268.D

Acq: 29 Nov 2023 01:21

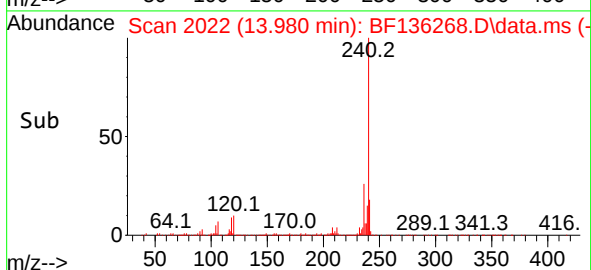
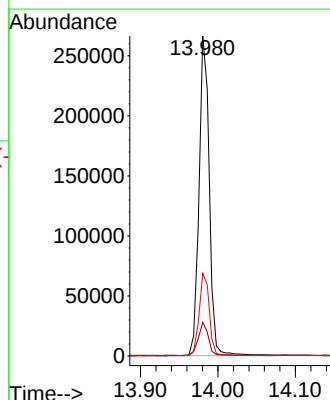
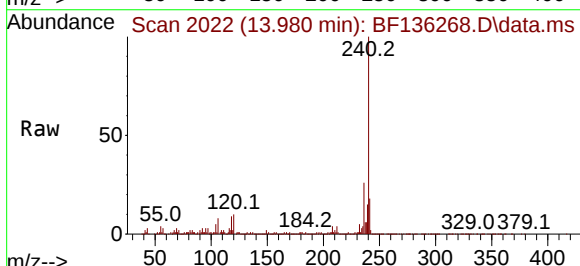
Tgt Ion:240 Resp: 244385

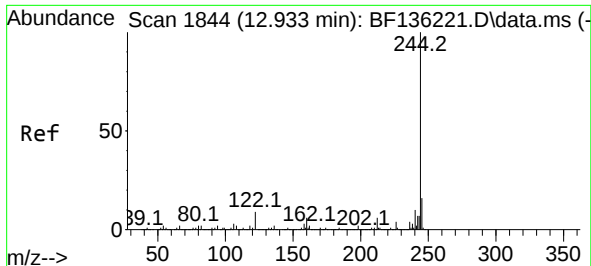
Ion Ratio Lower Upper

240 100

120 10.5 7.4 11.2

236 25.8 21.1 31.7

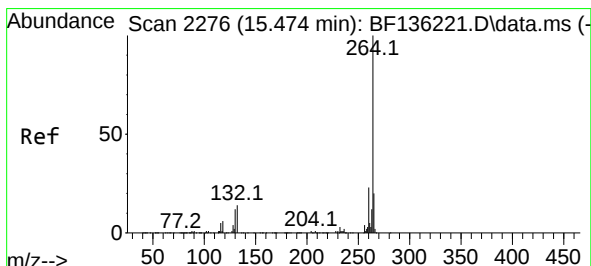
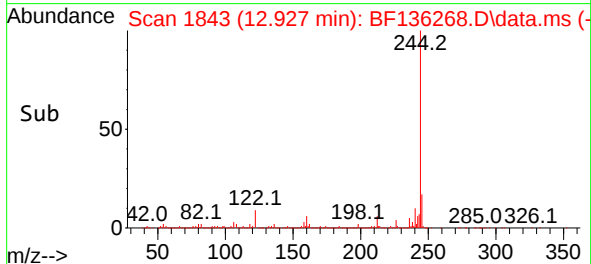
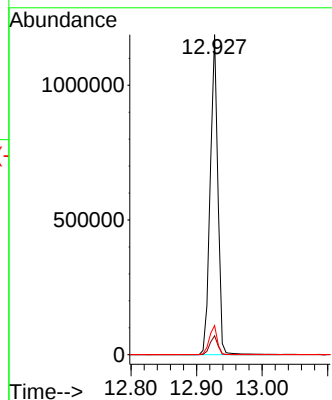
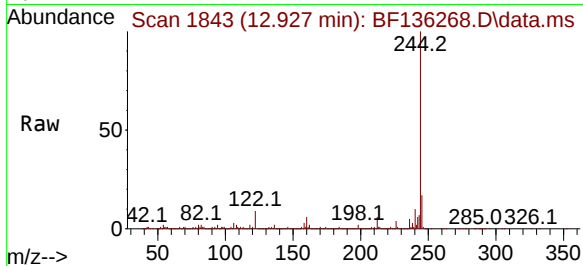




#79
 Terphenyl-d14
 Concen: 45.501 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136268.D
 Acq: 29 Nov 2023 01:21

Instrument :
 BNA_F
 ClientSampleId :
 BCC-8002

Tgt Ion:244 Resp: 964011
 Ion Ratio Lower Upper
 244 100
 212 5.9 4.6 7.0
 122 9.1 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: BF136268.D
 Acq: 29 Nov 2023 01:21

Tgt Ion:264 Resp: 173852
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 27.8
 265 20.3 15.7 23.5

