

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136333.D
 Acq On : 01 Dec 2023 12:40
 Operator : CG\JU
 Sample : PB157138BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157138BL

Quant Time: Dec 01 13:16:54 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	156391	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	660052	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	340913	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	642849	20.000	ng	0.00
76) Chrysene-d12	13.986	240	286333	20.000	ng	0.00
86) Perylene-d12	15.468	264	278637	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1360860	121.114	ng	0.02
7) Phenol-d6	6.451	99	1707681	121.549	ng	0.00
23) Nitrobenzene-d5	7.369	82	1039380	83.212	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	520645	124.916	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2185904	81.900	ng	0.00
79) Terphenyl-d14	12.933	244	2180672	87.848	ng	0.00

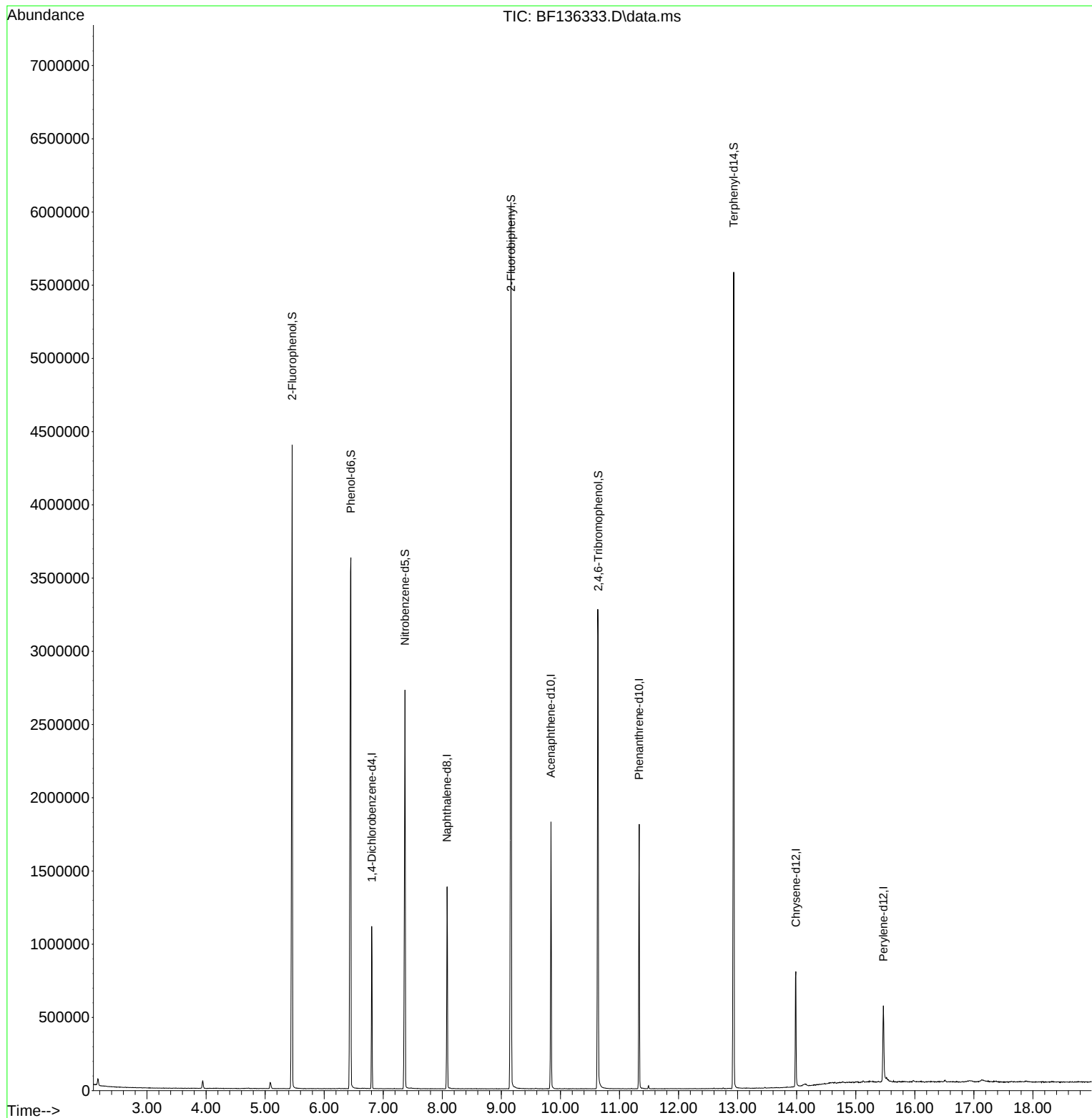
Target Compounds	Qvalue

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

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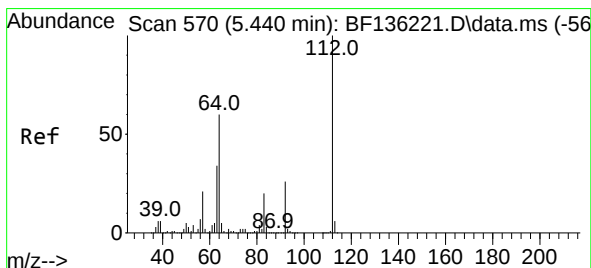
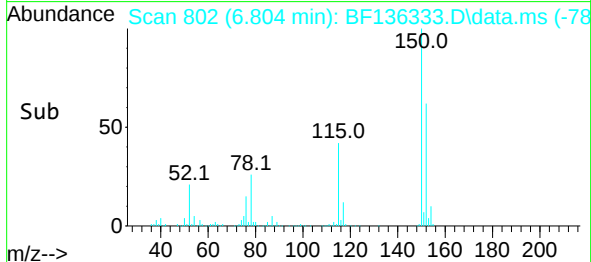
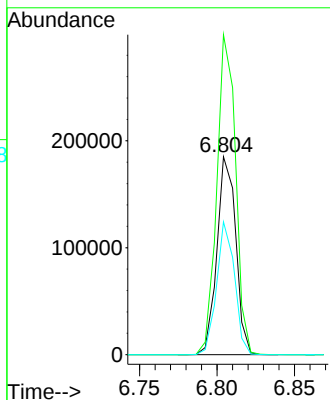
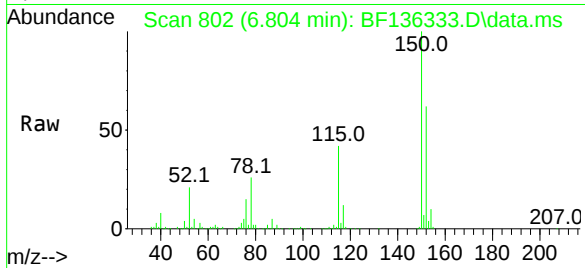




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136333.D
Acq: 01 Dec 2023 12:40

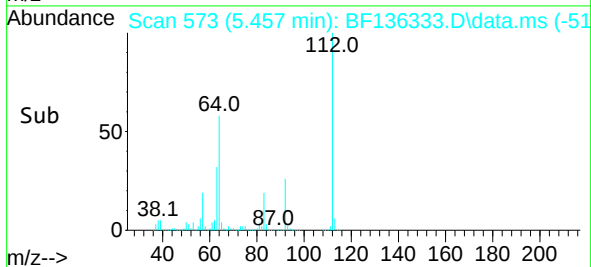
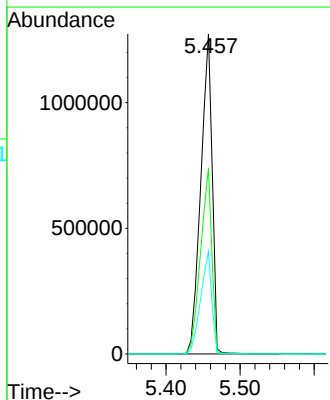
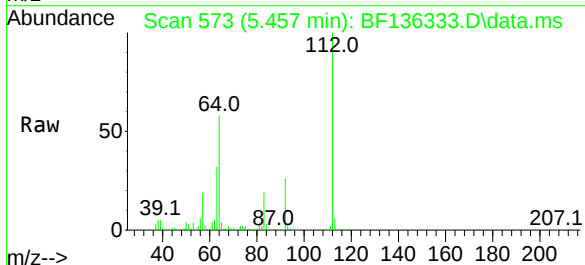
Instrument :
BNA_F
ClientSampleId :
PB157138BL

Tgt Ion:152 Resp: 156391
Ion Ratio Lower Upper
152 100
150 161.7 137.8 206.8
115 67.1 52.7 79.1



#5
2-Fluorophenol
Concen: 121.114 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF136333.D
Acq: 01 Dec 2023 12:40

Tgt Ion:112 Resp: 1360860
Ion Ratio Lower Upper
112 100
64 58.2 48.2 72.4
63 32.1 27.0 40.6

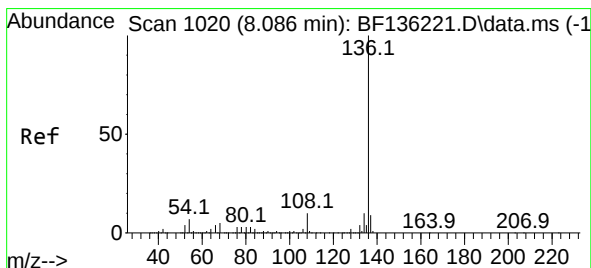
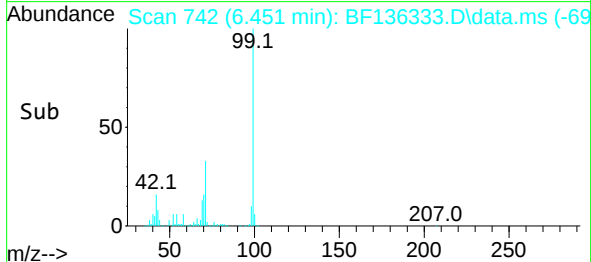
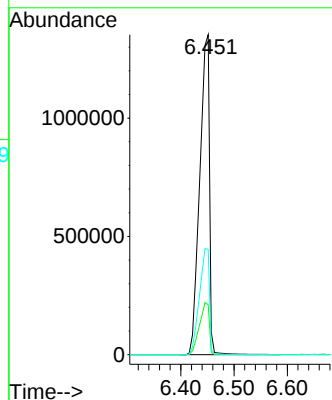
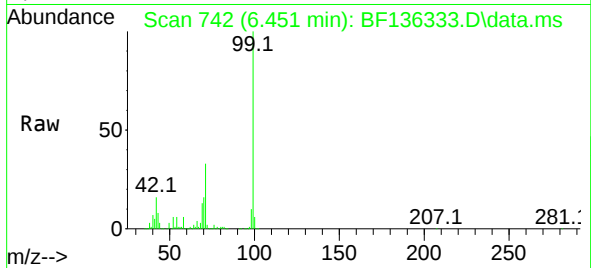




#7
Phenol-d6
Concen: 121.549 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136333.D
Acq: 01 Dec 2023 12:40

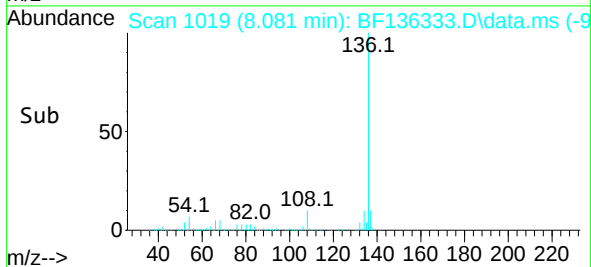
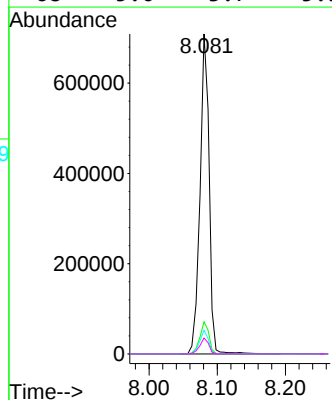
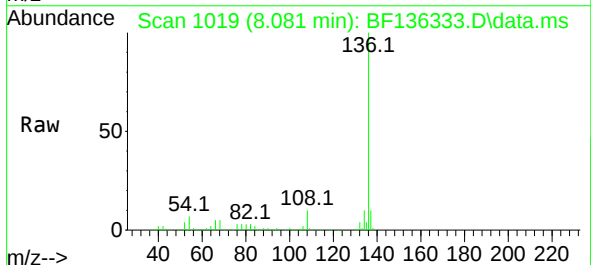
Instrument :
BNA_F
ClientSampleId :
PB157138BL

Tgt Ion: 99 Resp: 1707681
Ion Ratio Lower Upper
99 100
42 15.6 15.0 22.6
71 33.0 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: BF136333.D
Acq: 01 Dec 2023 12:40

Tgt Ion: 136 Resp: 660052
Ion Ratio Lower Upper
136 100
137 10.1 7.4 11.2
54 7.4 5.5 8.3
68 5.0 3.7 5.5





#23

Nitrobenzene-d5

Concen: 83.212 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136333.D

Acq: 01 Dec 2023 12:40

Instrument :

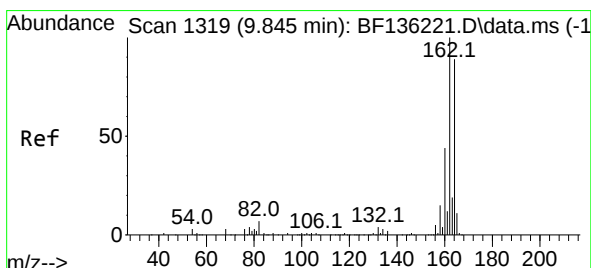
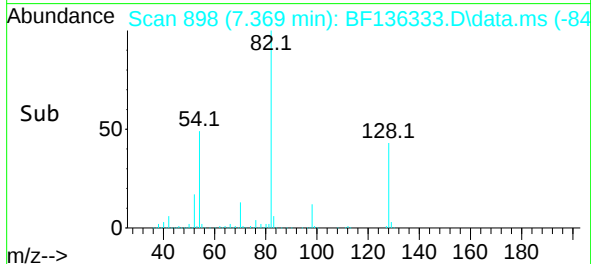
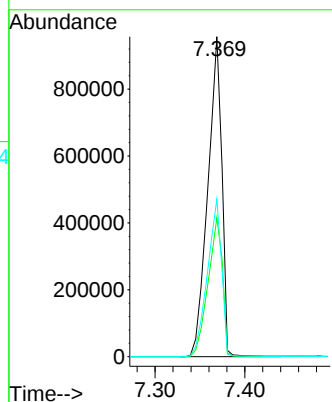
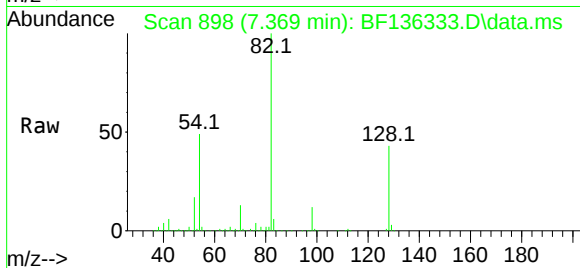
BNA_F

ClientSampleId :

PB157138BL

Tgt Ion: 82 Resp: 1039380

Ion	Ratio	Lower	Upper
82	100		
128	43.4	33.4	50.2
54	49.2	41.7	62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

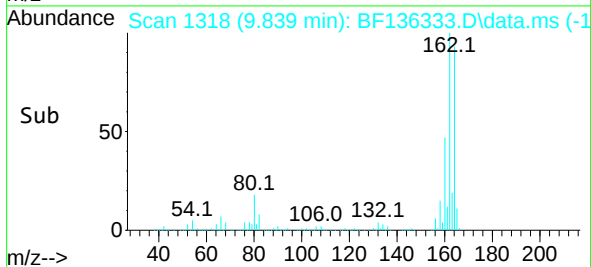
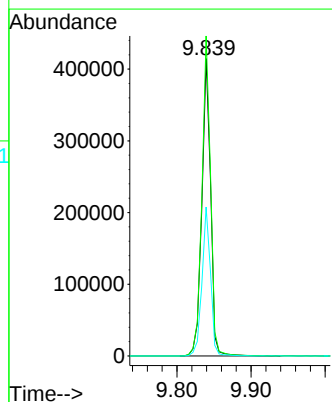
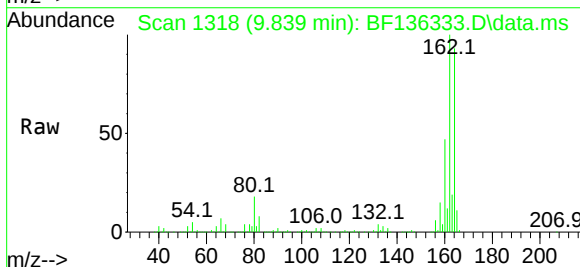
Delta R.T. -0.006 min

Lab File: BF136333.D

Acq: 01 Dec 2023 12:40

Tgt Ion: 164 Resp: 340913

Ion	Ratio	Lower	Upper
164	100		
162	107.6	89.5	134.3
160	50.1	39.6	59.4

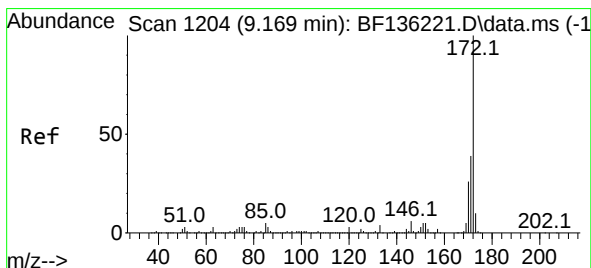
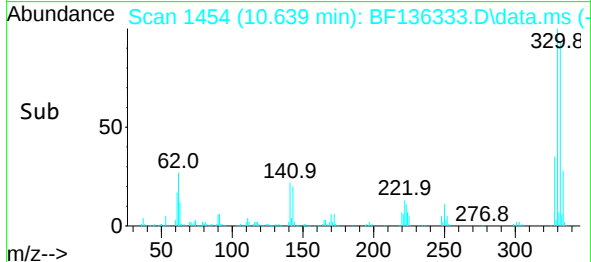
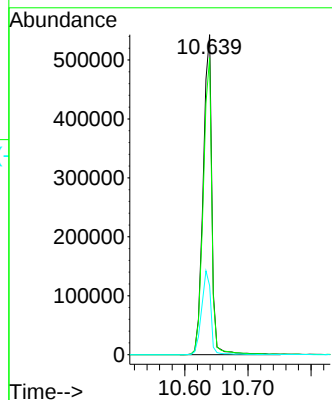
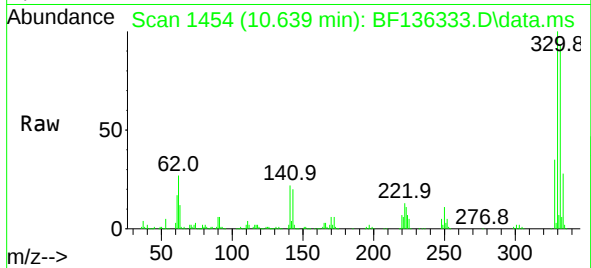




#42
 2,4,6-Tribromophenol
 Concen: 124.916 ng
 RT: 10.639 min Scan# 1454
 Delta R.T. 0.000 min
 Lab File: BF136333.D
 Acq: 01 Dec 2023 12:40

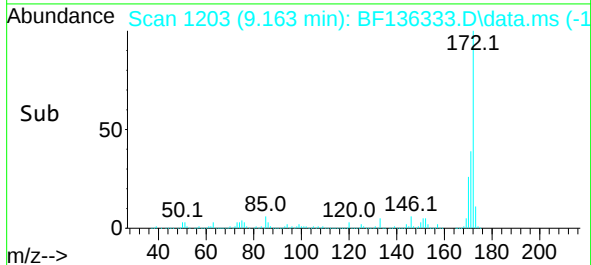
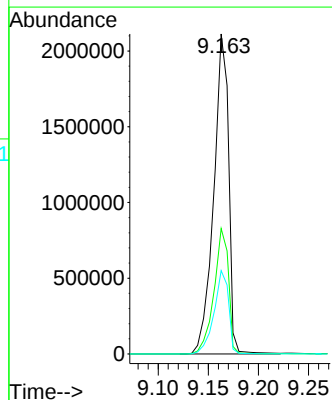
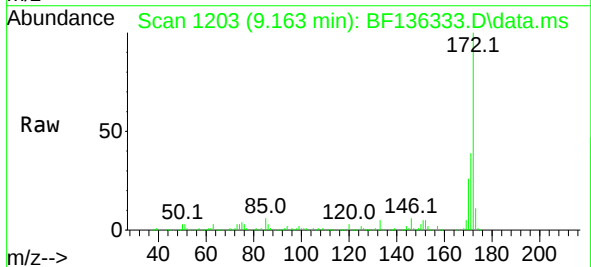
Instrument :
 BNA_F
 ClientSampleId :
 PB157138BL

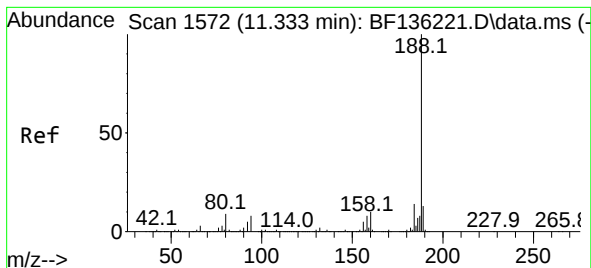
Tgt Ion:330 Resp: 520645
 Ion Ratio Lower Upper
 330 100
 332 92.6 73.0 109.6
 141 27.9 24.2 36.2



#45
 2-Fluorobiphenyl
 Concen: 81.900 ng
 RT: 9.163 min Scan# 1203
 Delta R.T. -0.006 min
 Lab File: BF136333.D
 Acq: 01 Dec 2023 12:40

Tgt Ion:172 Resp: 2185904
 Ion Ratio Lower Upper
 172 100
 171 39.2 31.5 47.3
 170 26.1 20.8 31.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136333.D

Acq: 01 Dec 2023 12:40

Instrument :

BNA_F

ClientSampleId :

PB157138BL

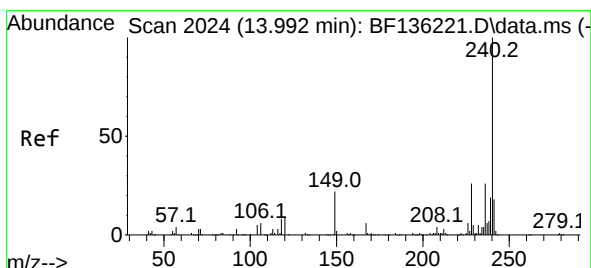
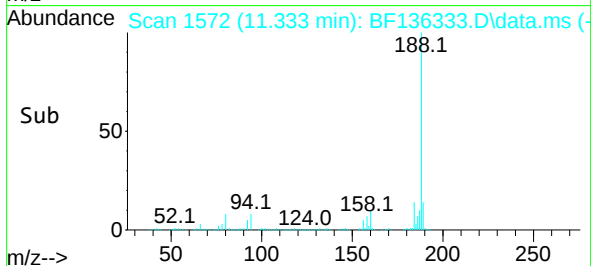
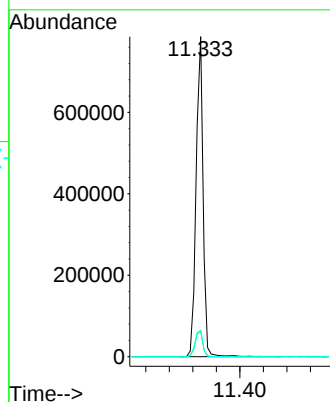
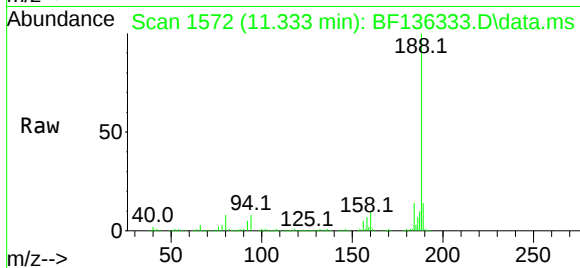
Tgt Ion:188 Resp: 642849

Ion Ratio Lower Upper

188 100

94 7.9 6.7 10.1

80 8.3 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF136333.D

Acq: 01 Dec 2023 12:40

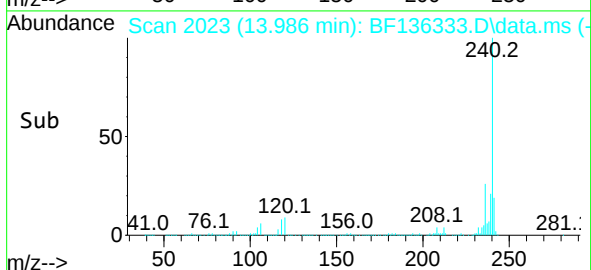
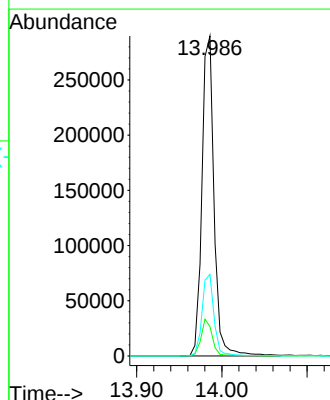
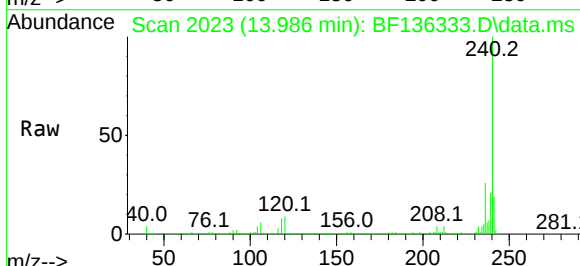
Tgt Ion:240 Resp: 286333

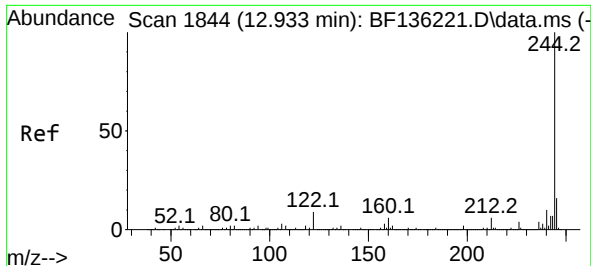
Ion Ratio Lower Upper

240 100

120 9.1 7.4 11.2

236 25.5 21.1 31.7

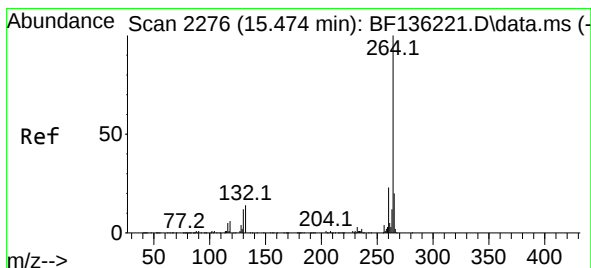
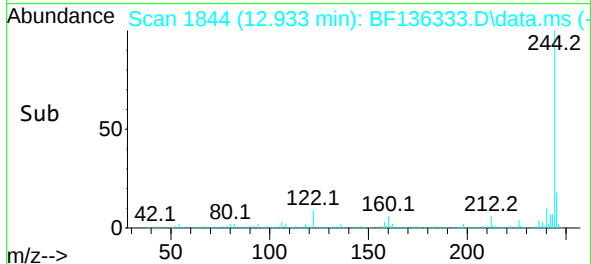
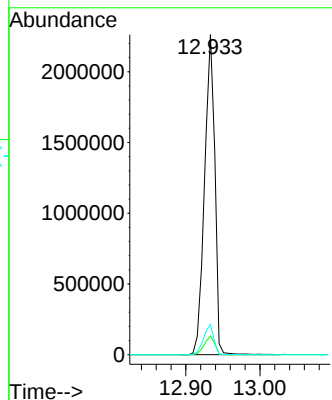
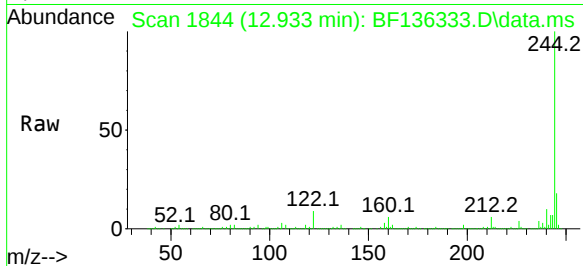




#79
 Terphenyl-d14
 Concen: 87.848 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: BF136333.D
 Acq: 01 Dec 2023 12:40

Instrument :
 BNA_F
 ClientSampleId :
 PB157138BL

Tgt Ion:244 Resp: 2180672
 Ion Ratio Lower Upper
 244 100
 212 5.9 4.6 7.0
 122 9.4 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. -0.006 min
 Lab File: BF136333.D
 Acq: 01 Dec 2023 12:40

Tgt Ion:264 Resp: 278637
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.6 27.8
 265 21.0 15.7 23.5

