

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112723\
 Data File : BF136226.D
 Acq On : 27 Nov 2023 17:09
 Operator : CG\JU
 Sample : PB157249TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157249TB

Quant Time: Nov 28 04:08:45 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	161696	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	711709	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	383066	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	778194	20.000	ng	0.00
76) Chrysene-d12	13.986	240	490539	20.000	ng	0.00
86) Perylene-d12	15.468	264	333330	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1486505	127.956	ng	0.02
7) Phenol-d6	6.439	99	1837958	126.529	ng	0.00
23) Nitrobenzene-d5	7.369	82	1158848	86.043	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	618915	132.154	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2448066	81.629	ng	0.00
79) Terphenyl-d14	12.933	244	3191571	75.049	ng	0.00

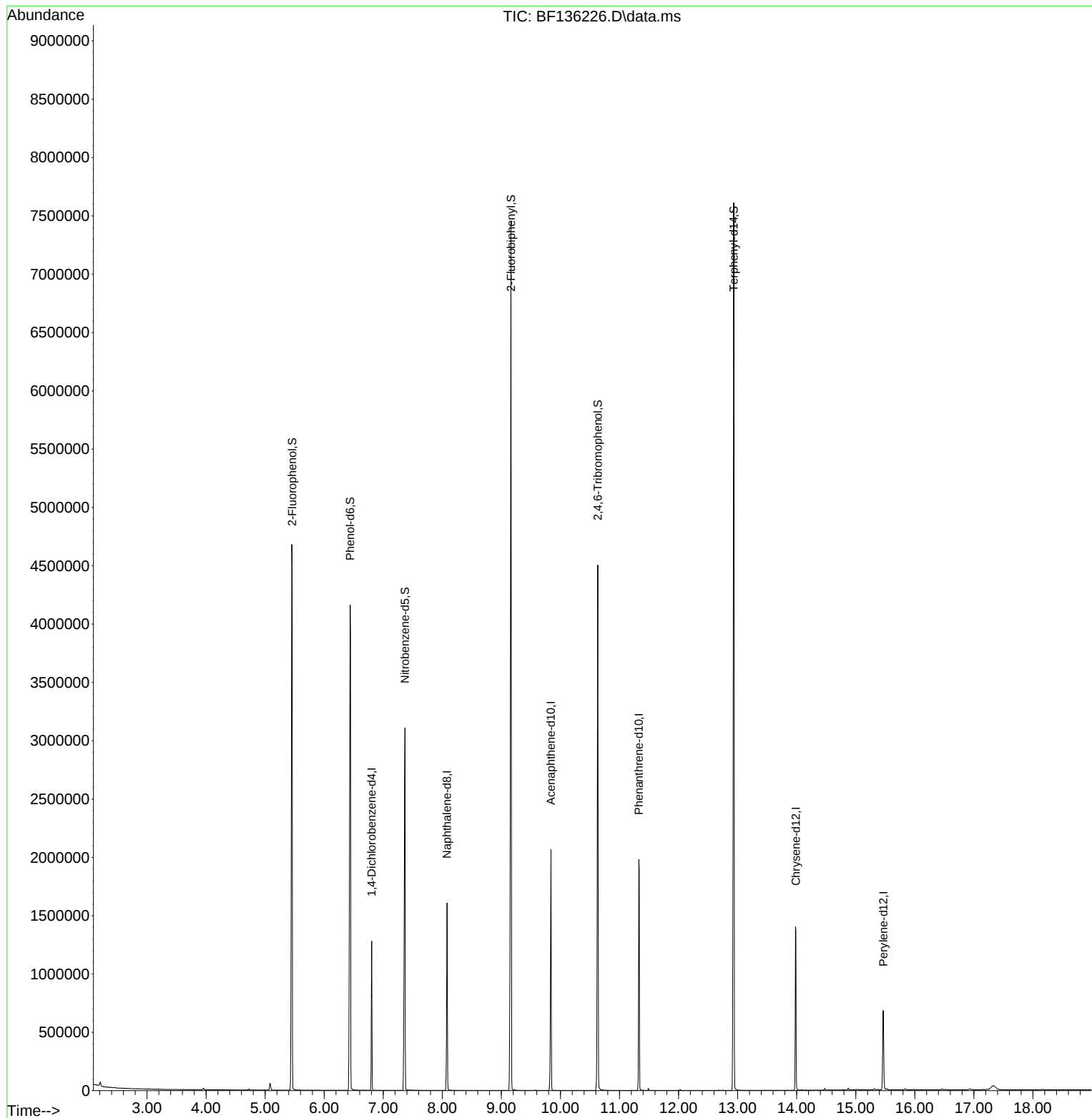
Target Compounds	Qvalue

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

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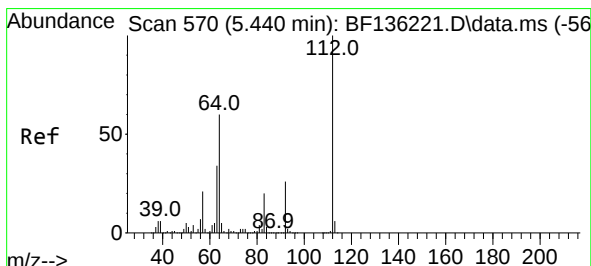
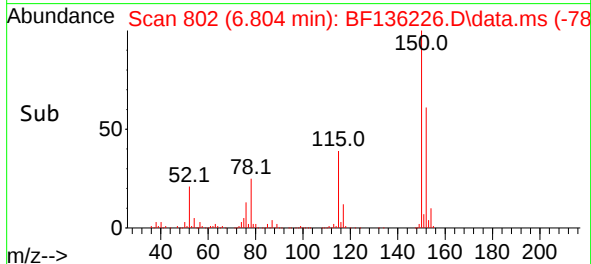
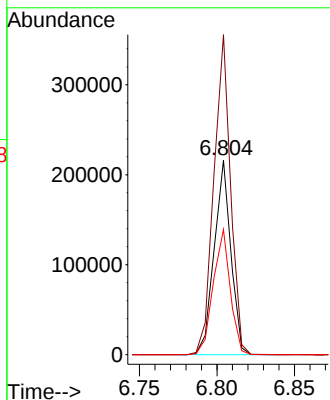
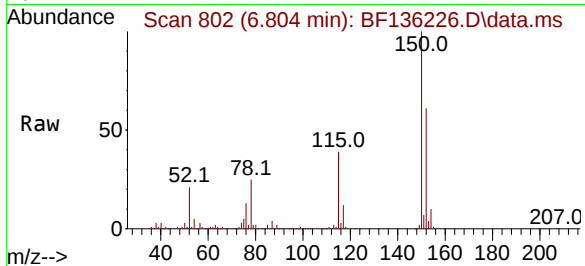




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136226.D
Acq: 27 Nov 2023 17:09

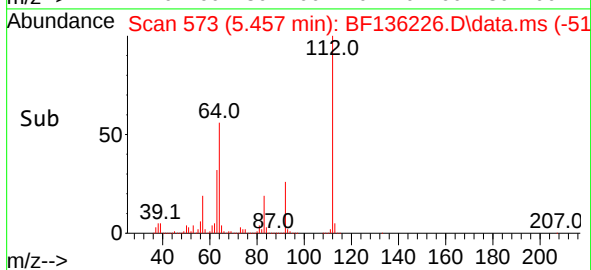
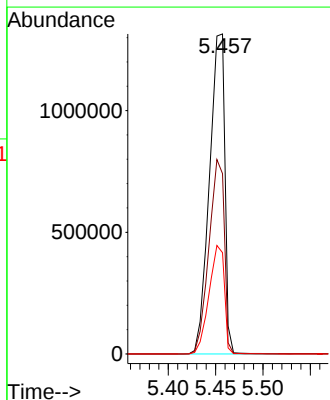
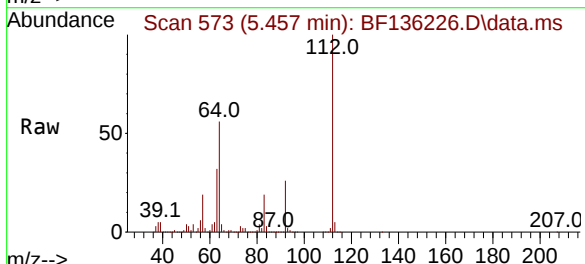
Instrument :
BNA_F
ClientSampleId :
PB157249TB

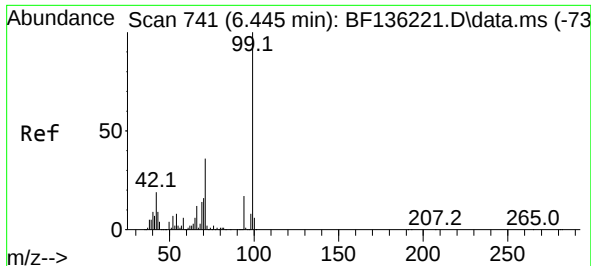
Tgt Ion:152 Resp: 161696
Ion Ratio Lower Upper
152 100
150 164.5 137.8 206.8
115 64.3 52.7 79.1



#5
2-Fluorophenol
Concen: 127.956 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF136226.D
Acq: 27 Nov 2023 17:09

Tgt Ion:112 Resp: 1486505
Ion Ratio Lower Upper
112 100
64 56.3 48.2 72.4
63 31.7 27.0 40.6

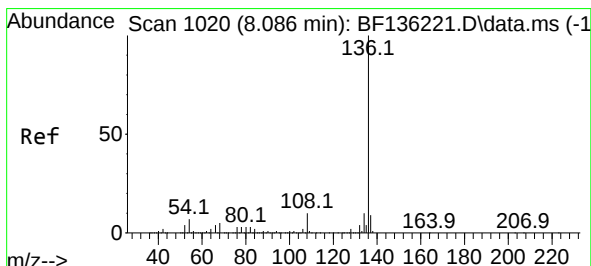
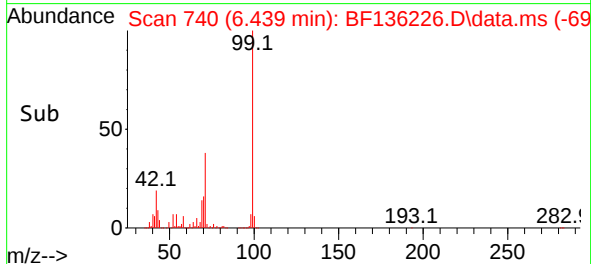
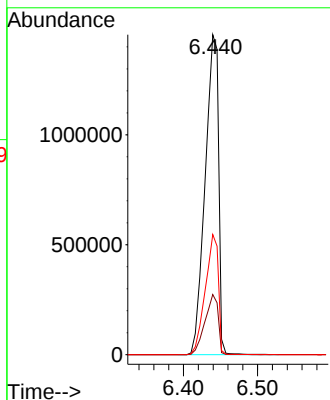
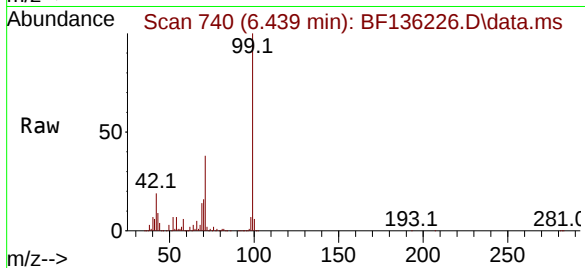




#7
Phenol-d6
Concen: 126.529 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136226.D
Acq: 27 Nov 2023 17:09

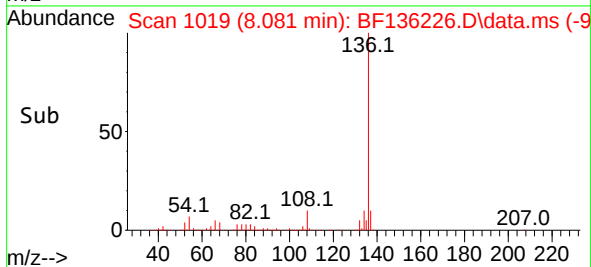
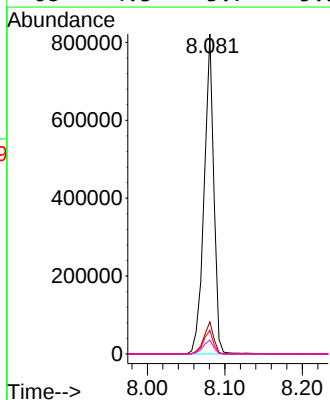
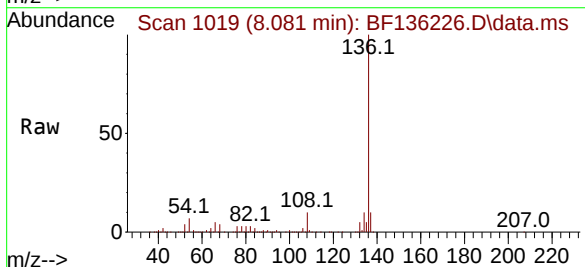
Instrument :
BNA_F
ClientSampleId :
PB157249TB

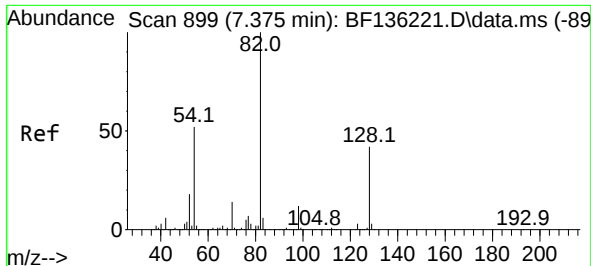
Tgt Ion: 99 Resp: 1837958
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.6
71 37.6 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136226.D
Acq: 27 Nov 2023 17:09

Tgt Ion: 136 Resp: 711709
Ion Ratio Lower Upper
136 100
137 10.1 7.4 11.2
54 7.4 5.5 8.3
68 4.3 3.7 5.5

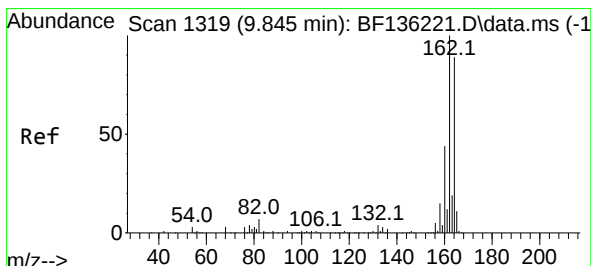
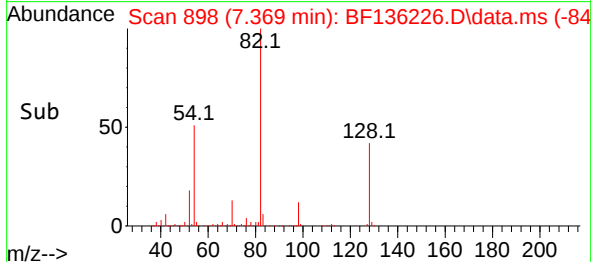
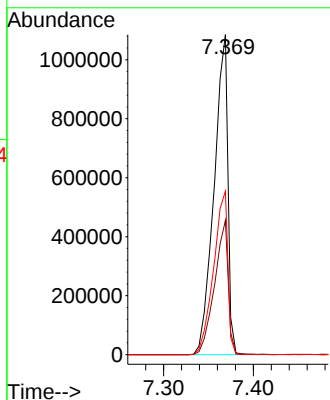
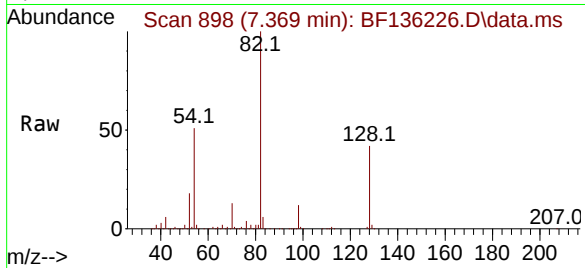




#23
Nitrobenzene-d5
Concen: 86.043 ng
RT: 7.369 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF136226.D
Acq: 27 Nov 2023 17:09

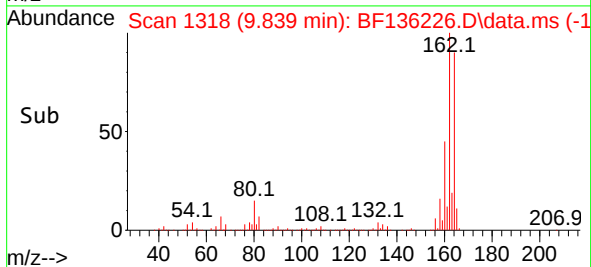
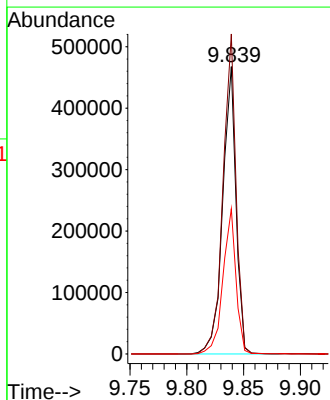
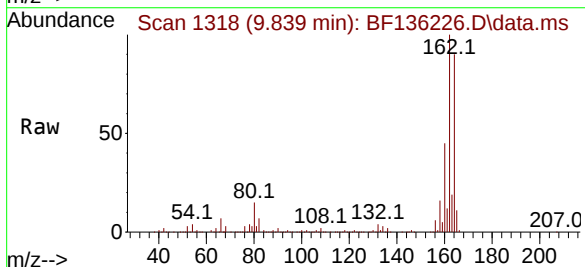
Instrument :
BNA_F
ClientSampleId :
PB157249TB

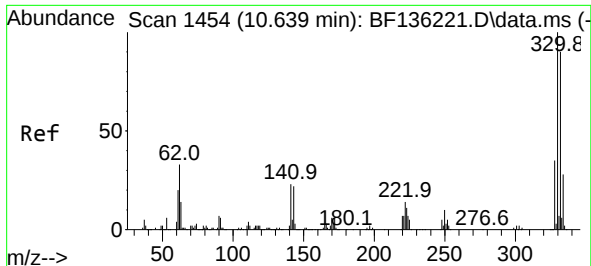
Tgt Ion: 82 Resp: 1158848
Ion Ratio Lower Upper
82 100
128 41.9 33.4 50.2
54 51.1 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136226.D
Acq: 27 Nov 2023 17:09

Tgt Ion: 164 Resp: 383066
Ion Ratio Lower Upper
164 100
162 111.3 89.5 134.3
160 50.5 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 132.154 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136226.D

Acq: 27 Nov 2023 17:09

Instrument :

BNA_F

ClientSampleId :

PB157249TB

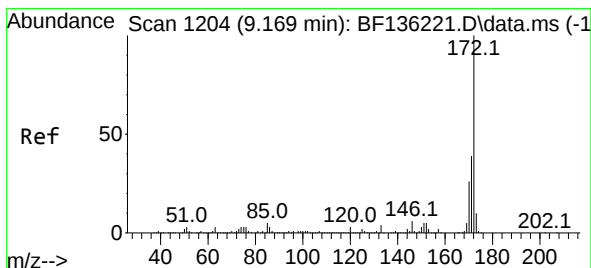
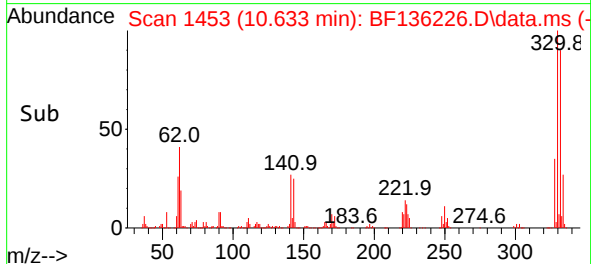
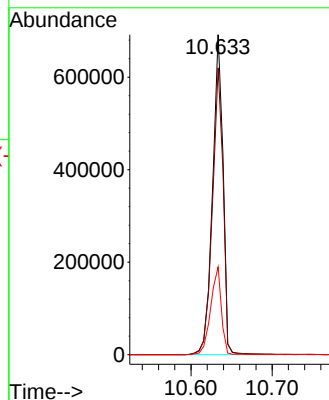
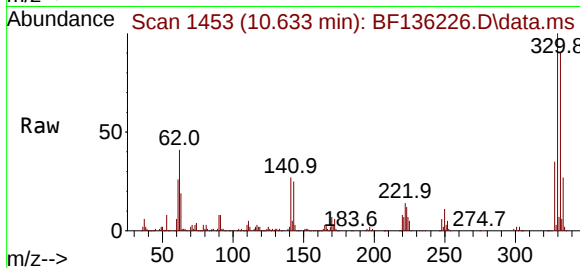
Tgt Ion:330 Resp: 618915

Ion Ratio Lower Upper

330 100

332 91.7 73.0 109.6

141 28.0 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 81.629 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136226.D

Acq: 27 Nov 2023 17:09

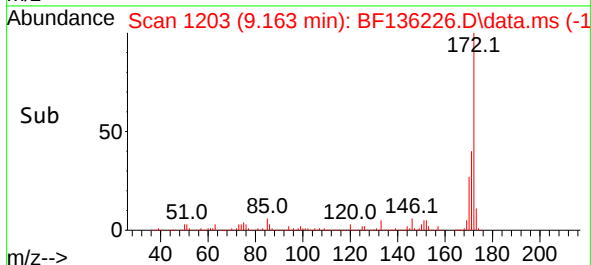
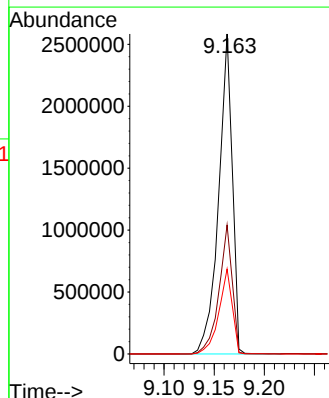
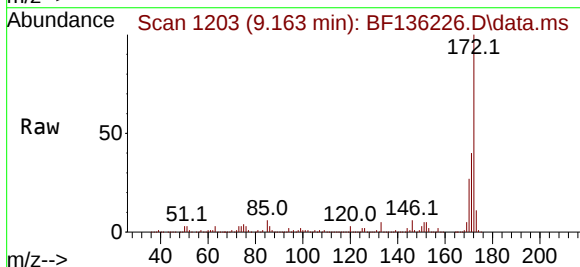
Tgt Ion:172 Resp: 2448066

Ion Ratio Lower Upper

172 100

171 40.3 31.5 47.3

170 26.6 20.8 31.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136226.D

Acq: 27 Nov 2023 17:09

Instrument :

BNA_F

ClientSampleId :

PB157249TB

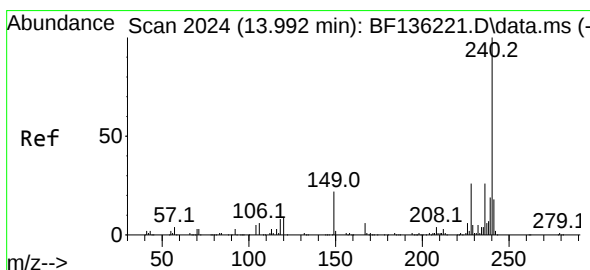
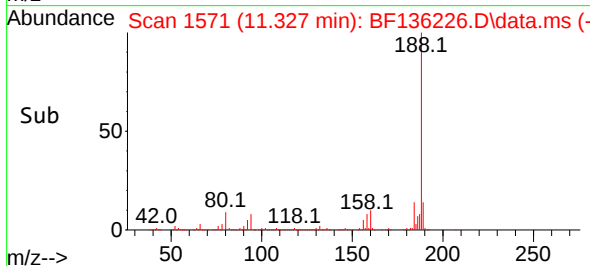
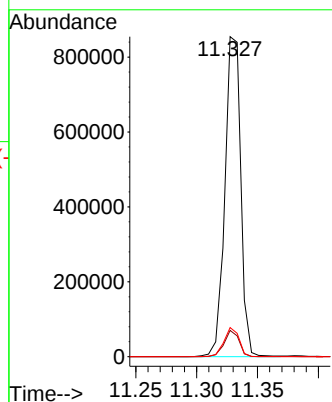
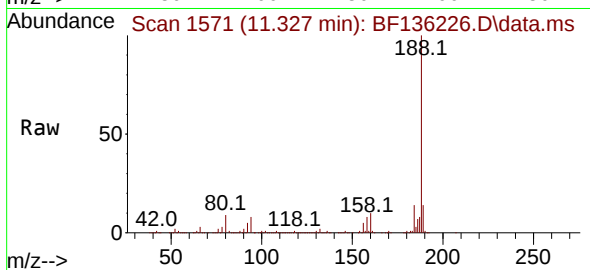
Tgt Ion:188 Resp: 778194

Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

80 9.1 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: BF136226.D

Acq: 27 Nov 2023 17:09

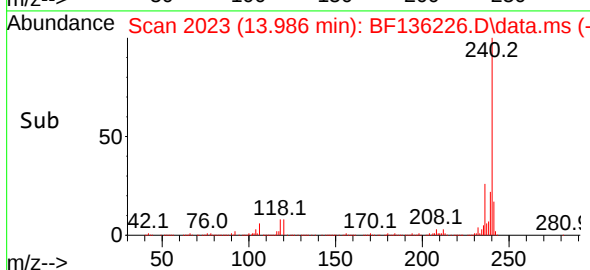
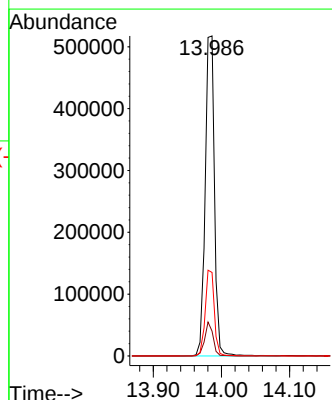
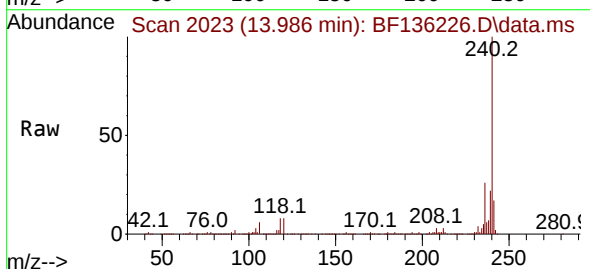
Tgt Ion:240 Resp: 490539

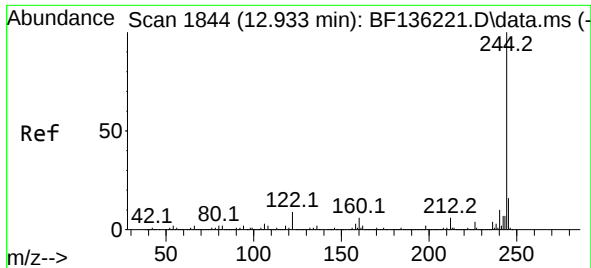
Ion Ratio Lower Upper

240 100

120 7.8 7.4 11.2

236 26.1 21.1 31.7

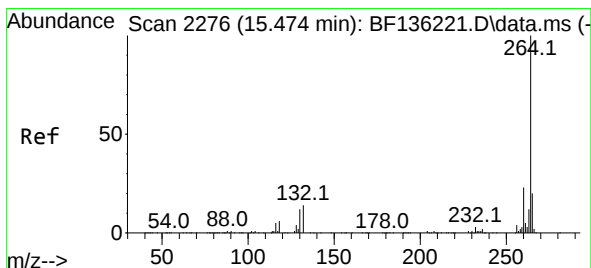
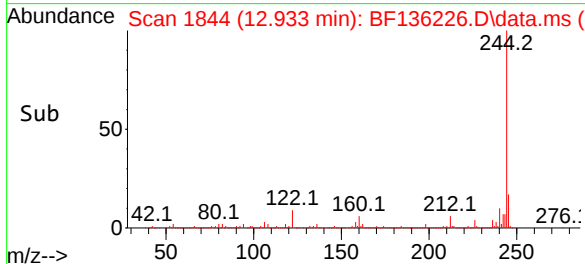
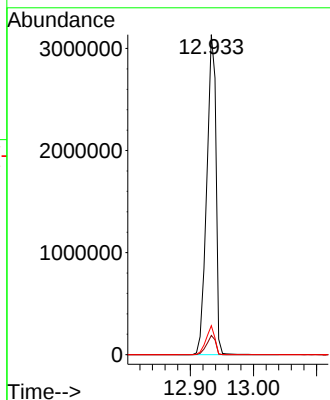
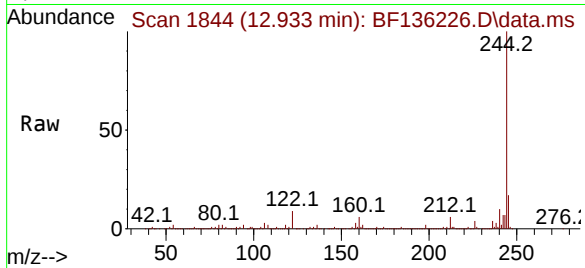




#79
 Terphenyl-d14
 Concen: 75.049 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: BF136226.D
 Acq: 27 Nov 2023 17:09

Instrument :
 BNA_F
 ClientSampleId :
 PB157249TB

Tgt Ion:244 Resp: 3191571
 Ion Ratio Lower Upper
 244 100
 212 6.0 4.6 7.0
 122 9.0 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: BF136226.D
 Acq: 27 Nov 2023 17:09

Tgt Ion:264 Resp: 333330
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.6 27.8
 265 20.6 15.7 23.5

