

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
 Data File : BF136392.D
 Acq On : 04 Dec 2023 20:37
 Operator : CG\JU
 Sample : 05586-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VAULT-1

Quant Time: Dec 05 00:37:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:30:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	101936	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	385785	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	176657	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	283865	20.000	ng	0.00
76) Chrysene-d12	13.980	240	243191	20.000	ng	0.00
86) Perylene-d12	15.468	264	190815	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	744932	101.714	ng	0.00
7) Phenol-d6	6.439	99	933413	101.930	ng	0.00
23) Nitrobenzene-d5	7.363	82	560033	76.711	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	200005	92.604	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1142620	82.616	ng	0.00
79) Terphenyl-d14	12.927	244	1173453	55.658	ng	0.00

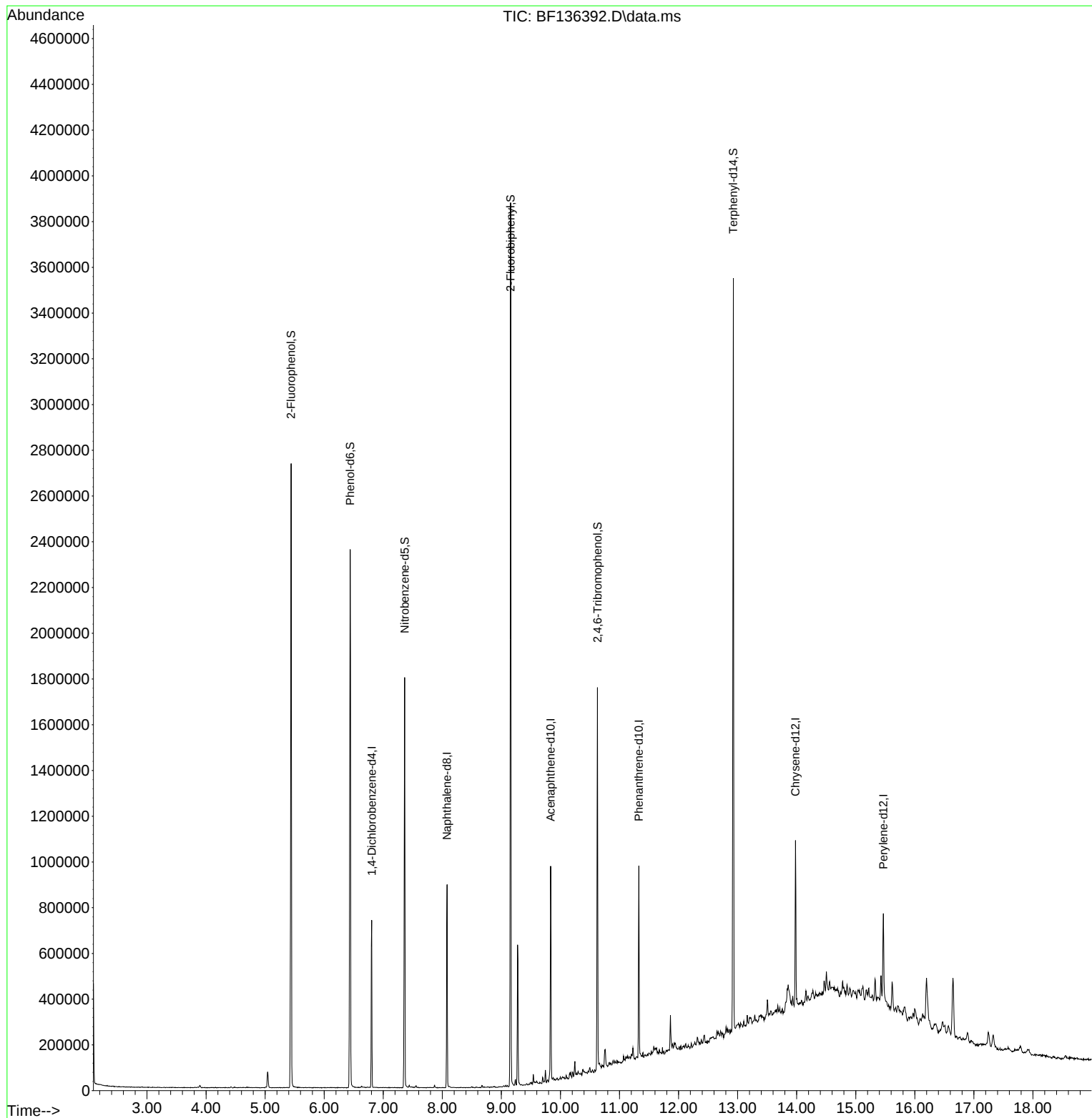
Target Compounds	Qvalue

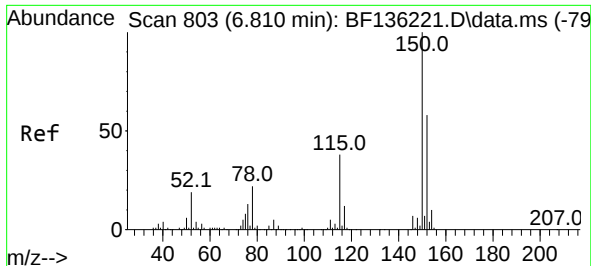
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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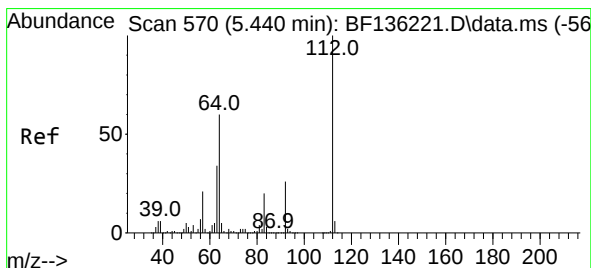
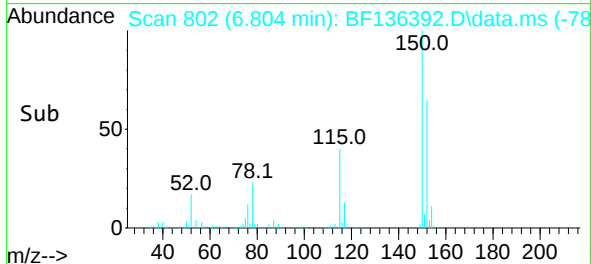
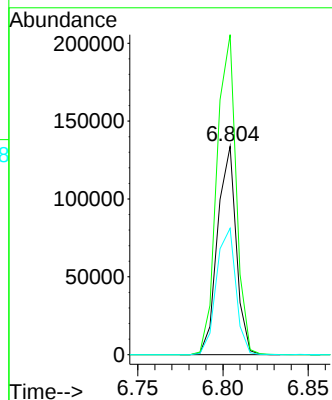
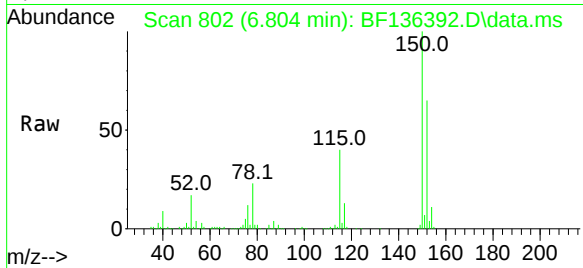




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF136392.D
Acq: 04 Dec 2023 20:37

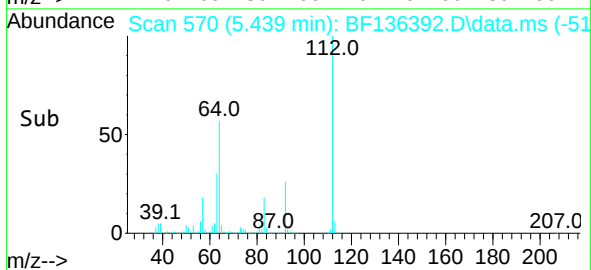
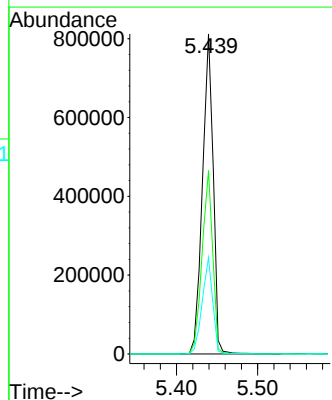
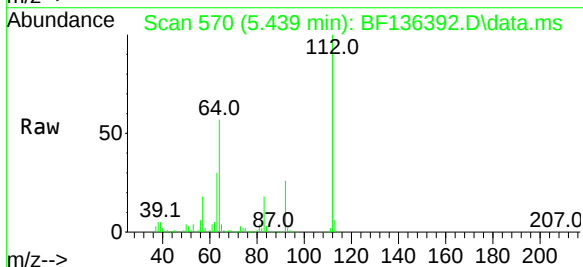
Instrument :
BNA_F
ClientSampleId :
VAULT-1

Tgt Ion:152 Resp: 101936
Ion Ratio Lower Upper
152 100
150 153.6 137.8 206.8
115 60.7 52.7 79.1



#5
2-Fluorophenol
Concen: 101.714 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF136392.D
Acq: 04 Dec 2023 20:37

Tgt Ion:112 Resp: 744932
Ion Ratio Lower Upper
112 100
64 57.3 48.2 72.4
63 30.2 27.0 40.6

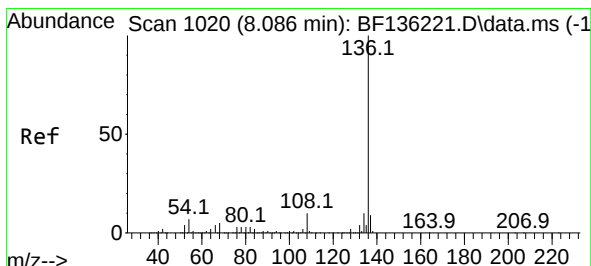
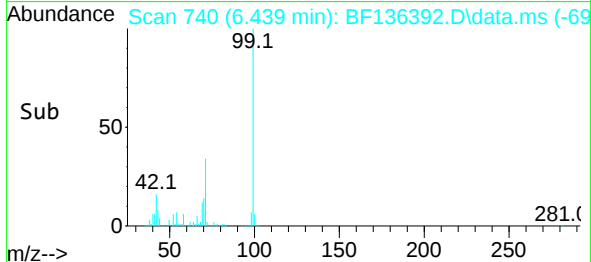
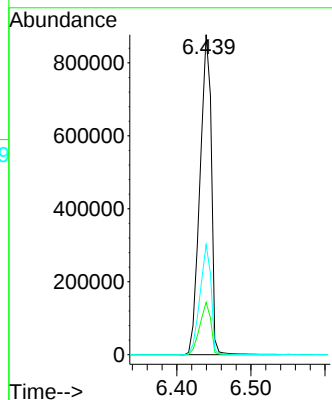
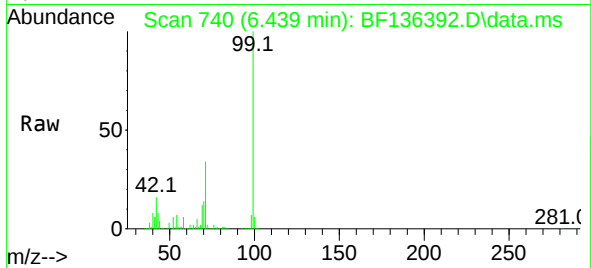




#7
Phenol-d6
Concen: 101.930 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136392.D
Acq: 04 Dec 2023 20:37

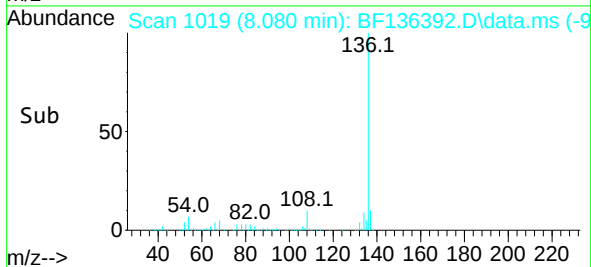
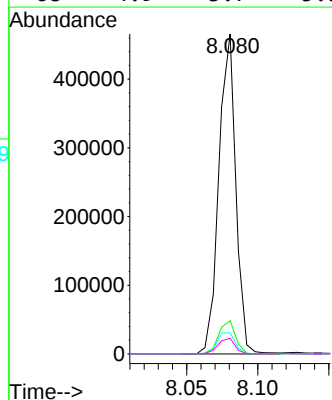
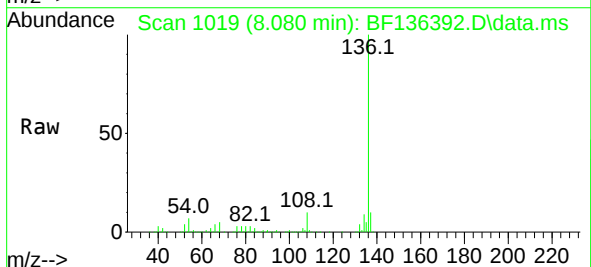
Instrument :
BNA_F
ClientSampleId :
VAULT-1

Tgt Ion: 99 Resp: 933413
Ion Ratio Lower Upper
99 100
42 16.4 15.0 22.6
71 34.4 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF136392.D
Acq: 04 Dec 2023 20:37

Tgt Ion:136 Resp: 385785
Ion Ratio Lower Upper
136 100
137 10.4 7.4 11.2
54 6.6 5.5 8.3
68 4.9 3.7 5.5





#23

Nitrobenzene-d5

Concen: 76.711 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136392.D

Acq: 04 Dec 2023 20:37

Instrument :

BNA_F

ClientSampleId :

VAULT-1

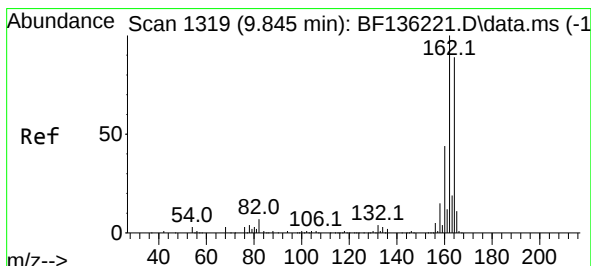
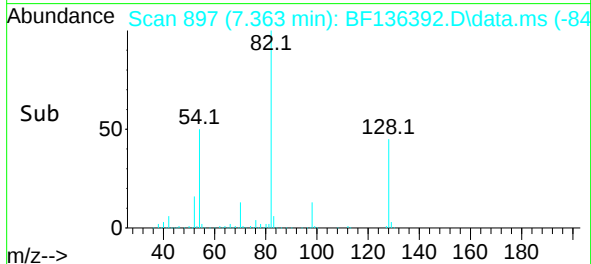
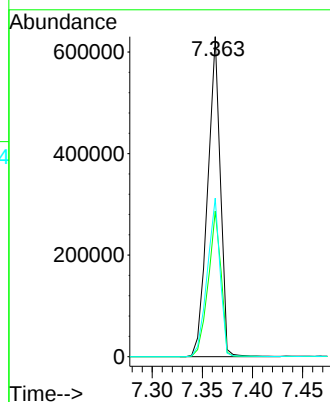
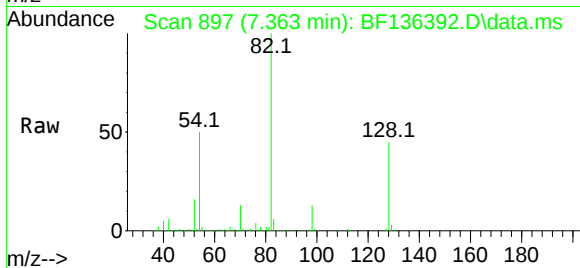
Tgt Ion: 82 Resp: 560033

Ion Ratio Lower Upper

82 100

128 45.5 33.4 50.2

54 49.6 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF136392.D

Acq: 04 Dec 2023 20:37

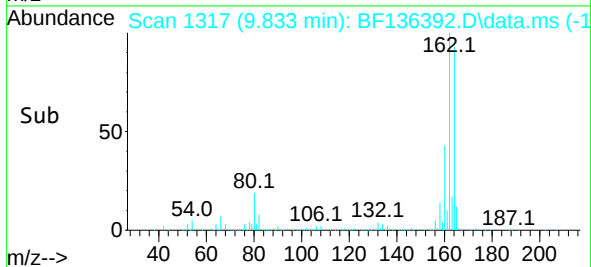
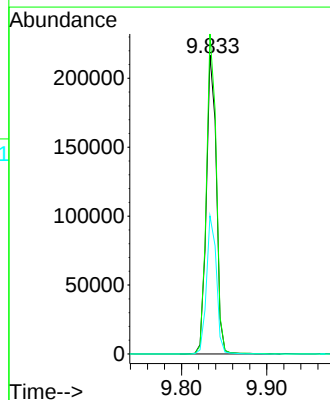
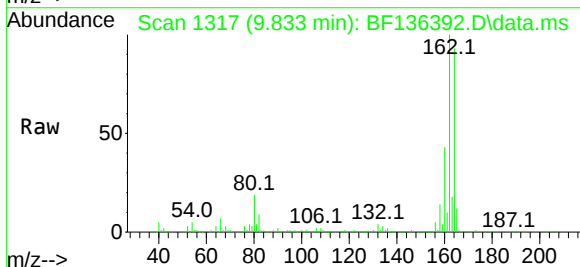
Tgt Ion:164 Resp: 176657

Ion Ratio Lower Upper

164 100

162 107.0 89.5 134.3

160 46.2 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 92.604 ng

RT: 10.627 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136392.D

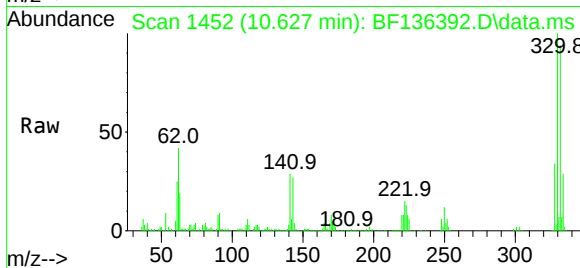
Acq: 04 Dec 2023 20:37

Instrument :

BNA_F

ClientSampleId :

VAULT-1



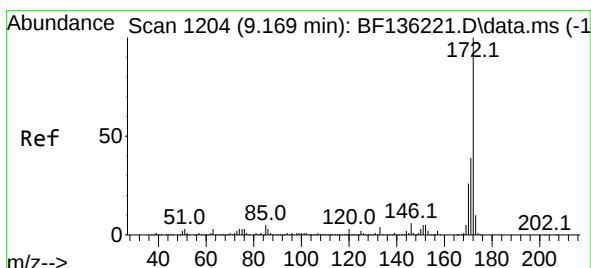
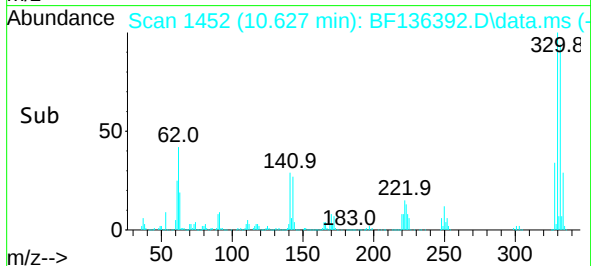
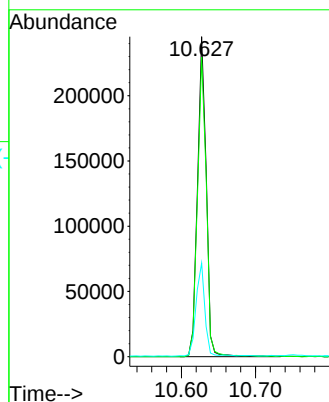
Tgt Ion:330 Resp: 200005

Ion Ratio Lower Upper

330 100

332 95.4 73.0 109.6

141 29.5 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 82.616 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF136392.D

Acq: 04 Dec 2023 20:37

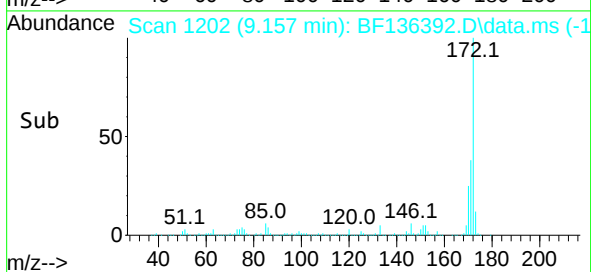
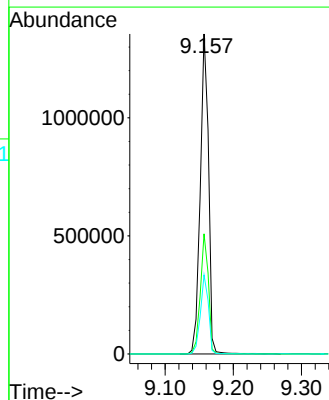
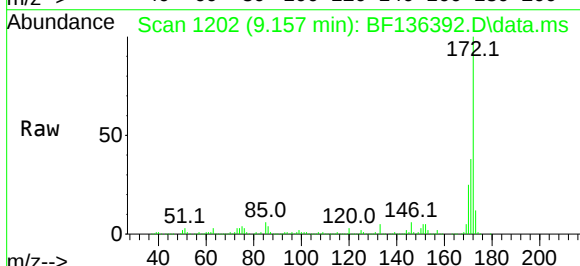
Tgt Ion:172 Resp: 1142620

Ion Ratio Lower Upper

172 100

171 37.5 31.5 47.3

170 24.7 20.8 31.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136392.D

Acq: 04 Dec 2023 20:37

Instrument :

BNA_F

ClientSampleId :

VAULT-1

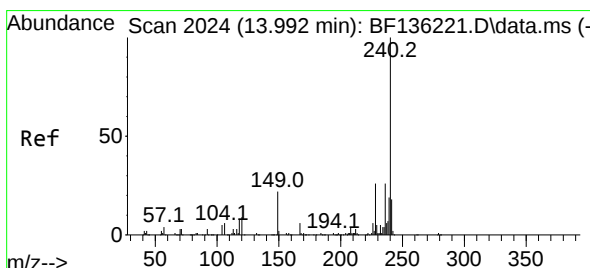
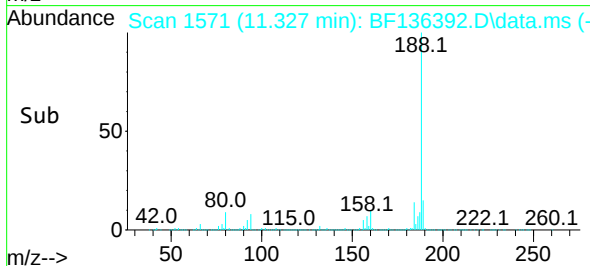
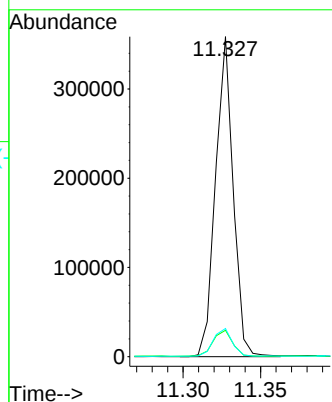
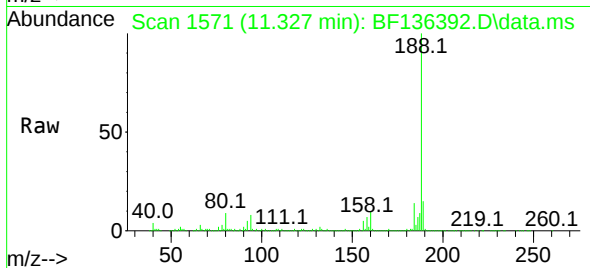
Tgt Ion:188 Resp: 283865

Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

80 8.8 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136392.D

Acq: 04 Dec 2023 20:37

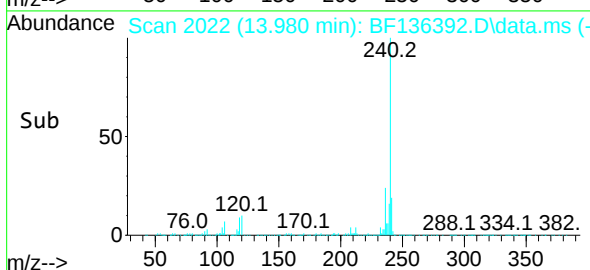
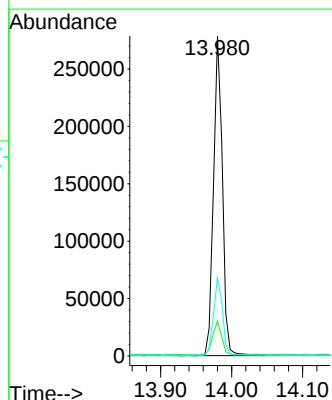
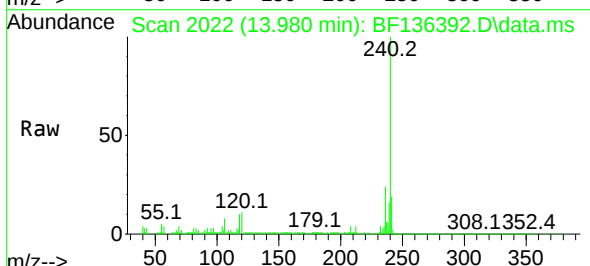
Tgt Ion:240 Resp: 243191

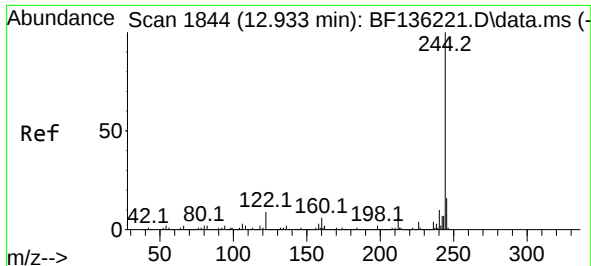
Ion Ratio Lower Upper

240 100

120 10.9 7.4 11.2

236 24.4 21.1 31.7

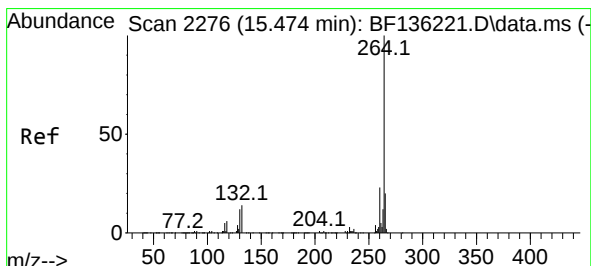
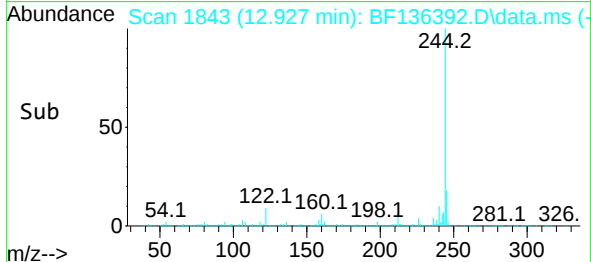
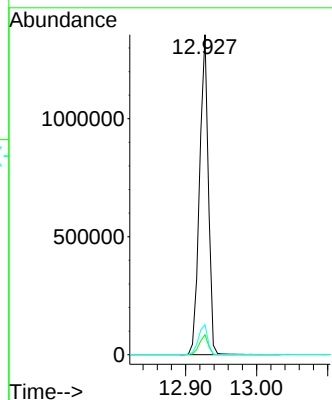
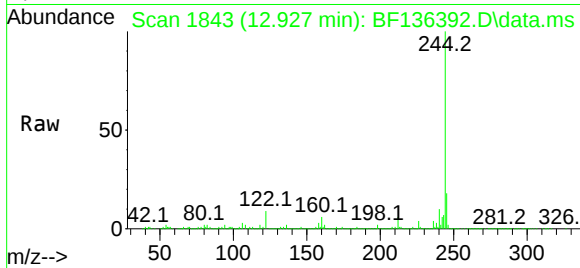




#79
 Terphenyl-d14
 Concen: 55.658 ng
 RT: 12.927 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136392.D
 Acq: 04 Dec 2023 20:37

Instrument :
 BNA_F
 ClientSampleId :
 VAULT-1

Tgt Ion:244 Resp: 1173453
 Ion Ratio Lower Upper
 244 100
 212 6.2 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. 0.012 min
 Lab File: BF136392.D
 Acq: 04 Dec 2023 20:37

Tgt Ion:264 Resp: 190815
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 20.8 15.7 23.5

