

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF132996.D
 Acq On : 24 Apr 2023 15:38
 Operator : CG\JU
 Sample : 02469-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-24

Quant Time: Apr 24 16:59:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	225602	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	925193	20.000	ng	-0.01
39) Acenaphthene-d10	9.781	164	474872	20.000	ng	-0.01
64) Phenanthrene-d10	11.263	188	823384	20.000	ng	0.00
76) Chrysene-d12	13.898	240	525510	20.000	ng	-0.01
86) Perylene-d12	15.321	264	455439	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	483943	32.404	ng	0.00
7) Phenol-d6	6.375	99	379710	20.484	ng	-0.01
23) Nitrobenzene-d5	7.310	82	1153469	67.295	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	303110	63.469	ng	-0.01
45) 2-Fluorobiphenyl	9.110	172	1873086	65.990	ng	0.00
79) Terphenyl-d14	12.857	244	2028035	66.558	ng	0.00

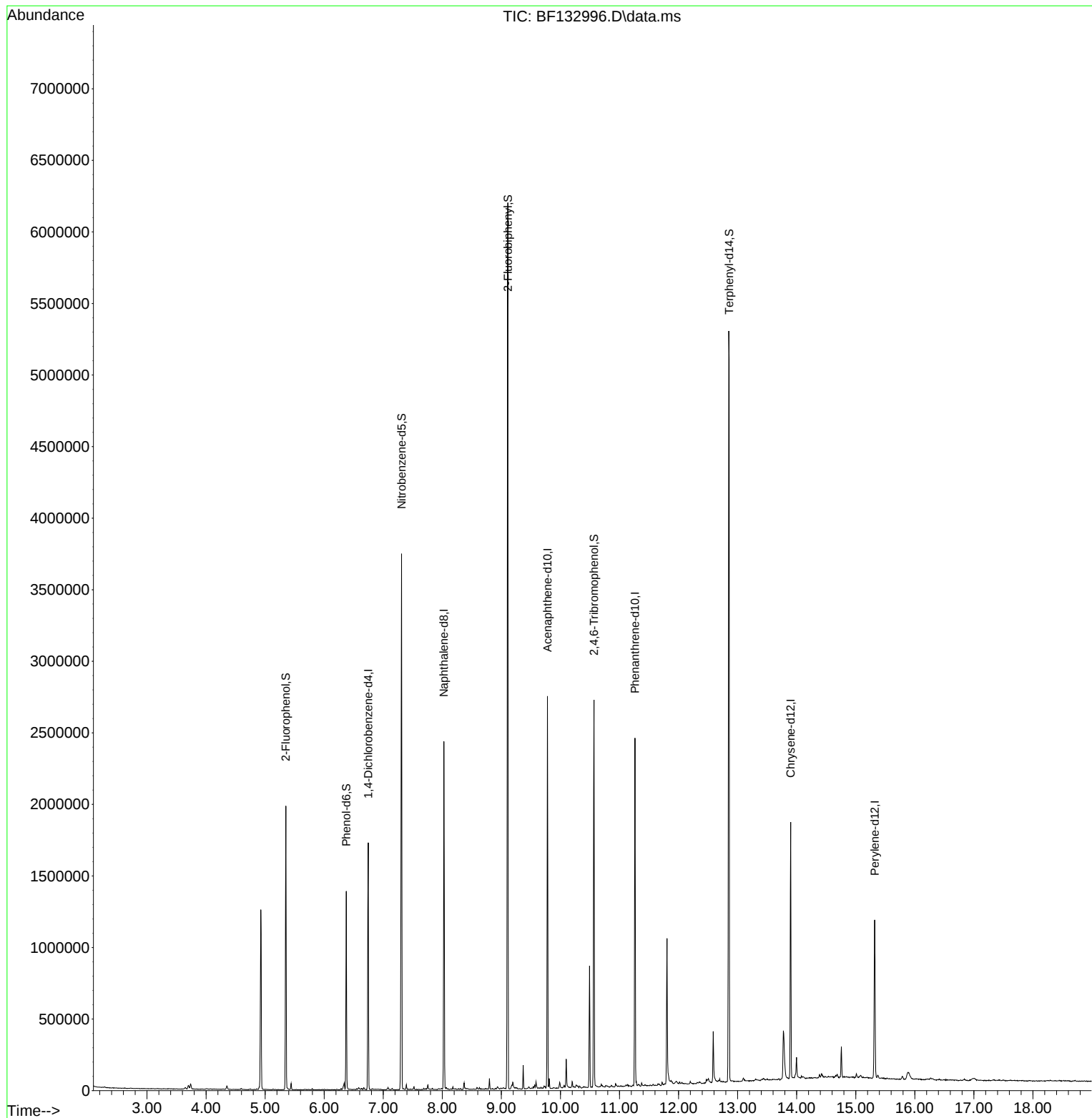
Target Compounds	Qvalue

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

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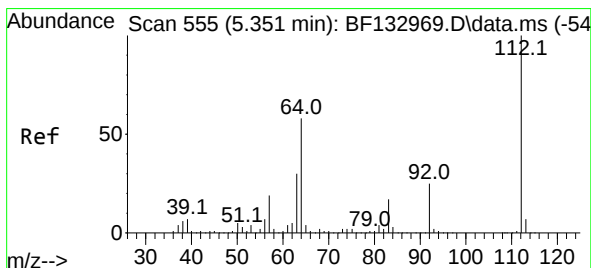
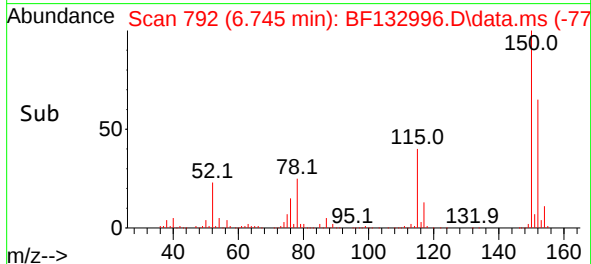
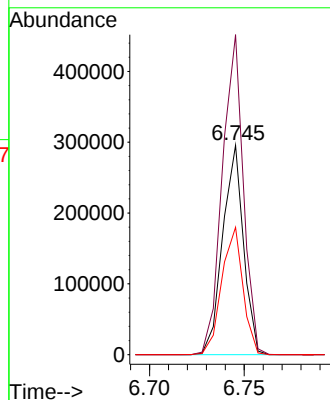
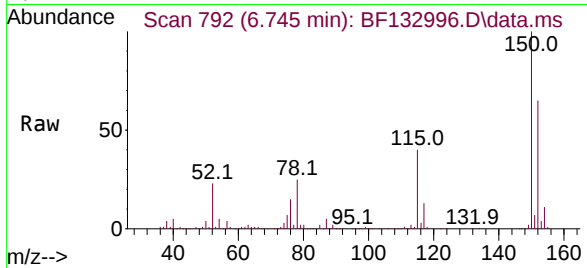




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF132996.D
Acq: 24 Apr 2023 15:38

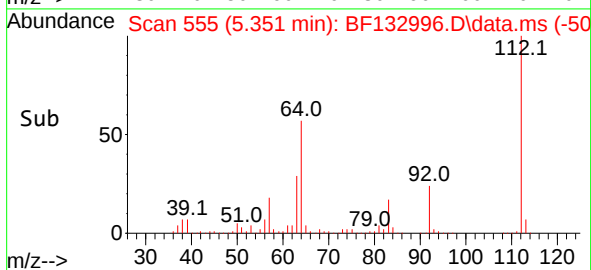
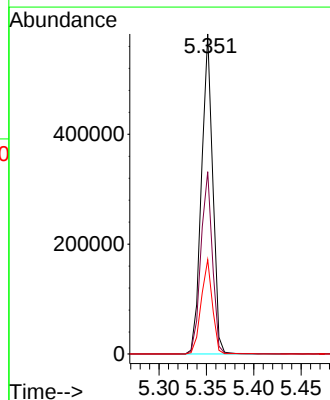
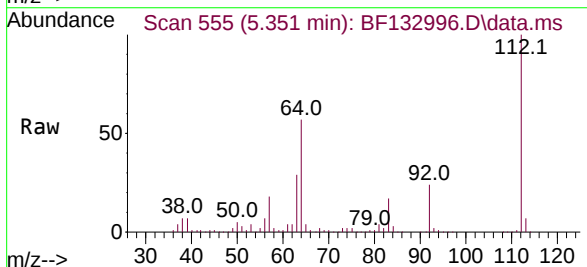
Instrument :
BNA_F
ClientSampleId :
TWP-24

Tgt Ion:152 Resp: 225602
Ion Ratio Lower Upper
152 100
150 152.8 124.8 187.2
115 60.8 49.9 74.9



#5
2-Fluorophenol
Concen: 32.404 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.000 min
Lab File: BF132996.D
Acq: 24 Apr 2023 15:38

Tgt Ion:112 Resp: 483943
Ion Ratio Lower Upper
112 100
64 57.0 46.8 70.2
63 29.5 23.8 35.8

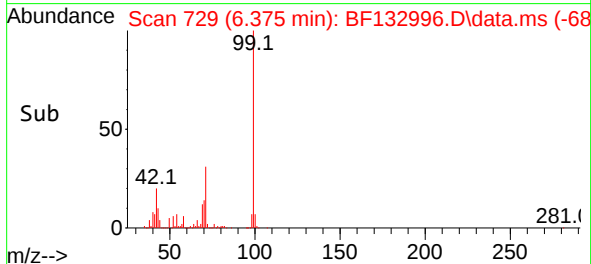
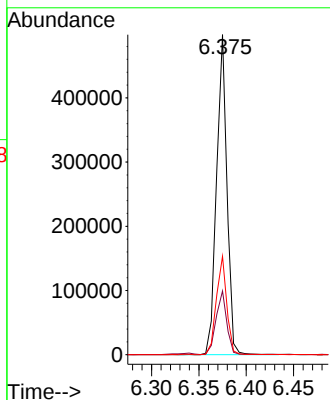
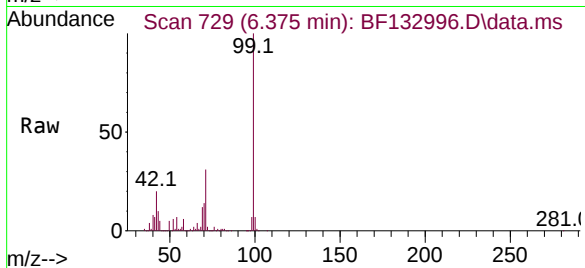




#7
Phenol-d6
Concen: 20.484 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132996.D
Acq: 24 Apr 2023 15:38

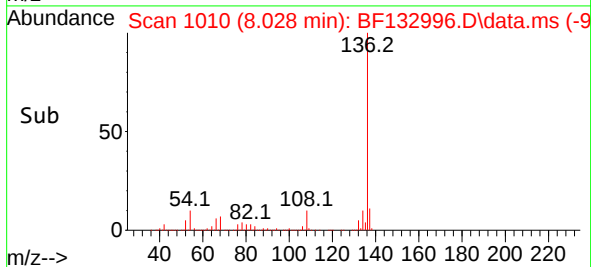
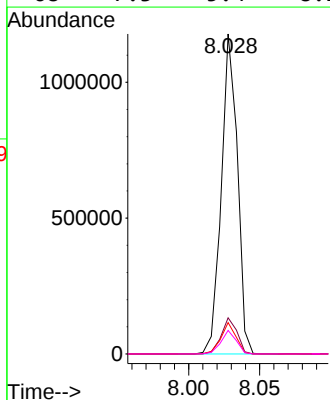
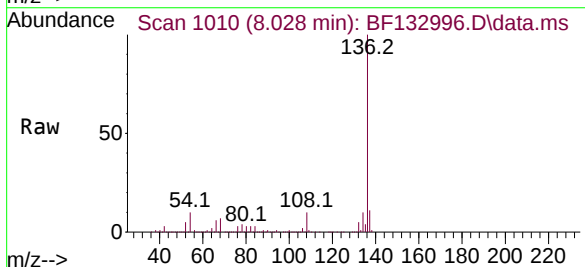
Instrument :
BNA_F
ClientSampleId :
TWP-24

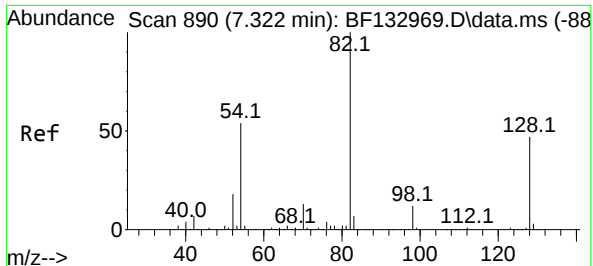
Tgt Ion: 99 Resp: 379710
Ion Ratio Lower Upper
99 100
42 19.9 16.3 24.5
71 30.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF132996.D
Acq: 24 Apr 2023 15:38

Tgt Ion: 136 Resp: 925193
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.8 7.0 10.4
68 7.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 67.295 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF132996.D

Acq: 24 Apr 2023 15:38

Instrument :

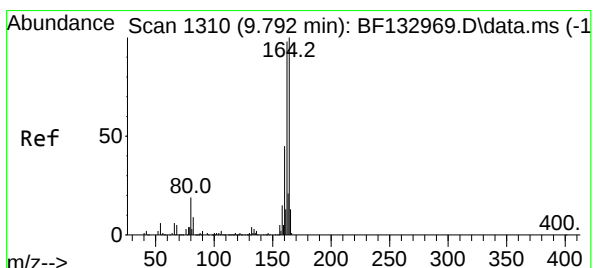
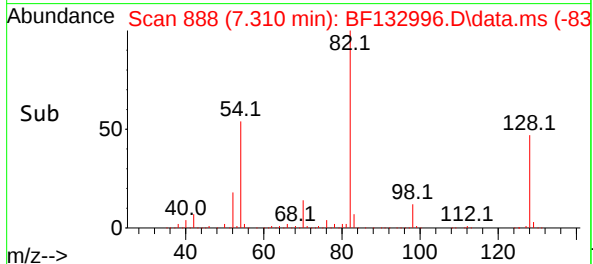
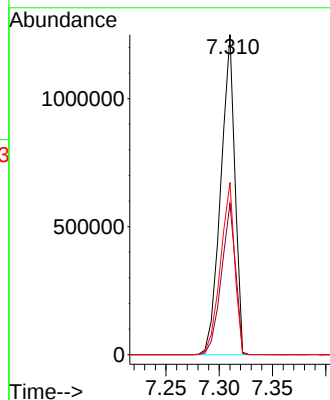
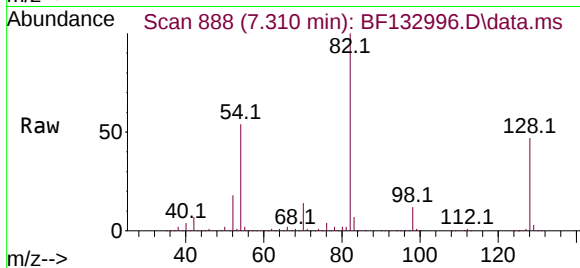
BNA_F

ClientSampleId :

TWP-24

Tgt Ion: 82 Resp: 1153469

Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.7	56.5
54	53.8	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.781 min Scan# 1308

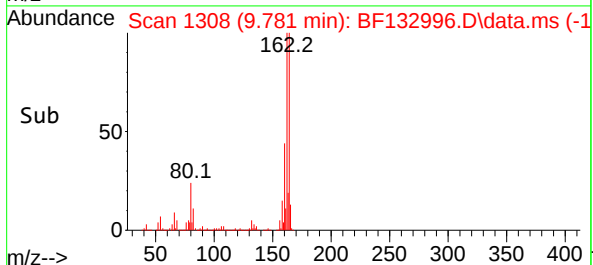
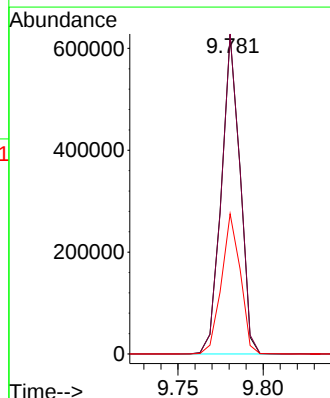
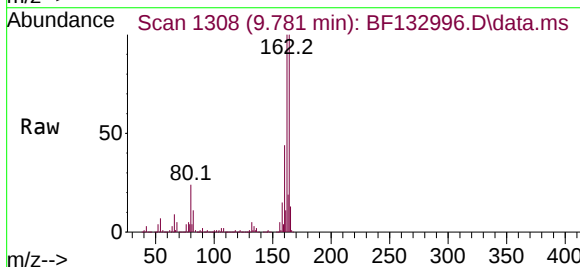
Delta R.T. -0.012 min

Lab File: BF132996.D

Acq: 24 Apr 2023 15:38

Tgt Ion: 164 Resp: 474872

Ion	Ratio	Lower	Upper
164	100		
162	100.2	78.7	118.1
160	43.9	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 63.469 ng

RT: 10.569 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF132996.D

Acq: 24 Apr 2023 15:38

Instrument :

BNA_F

ClientSampleId :

TWP-24

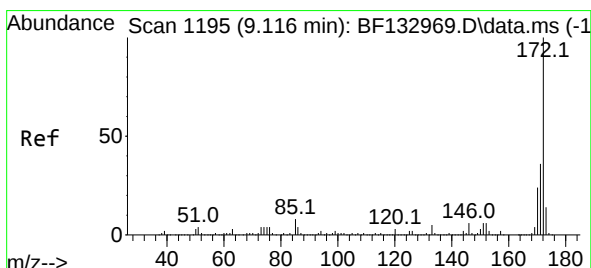
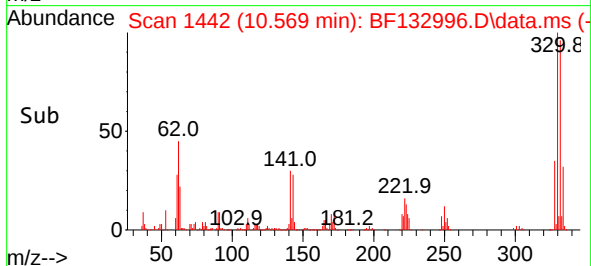
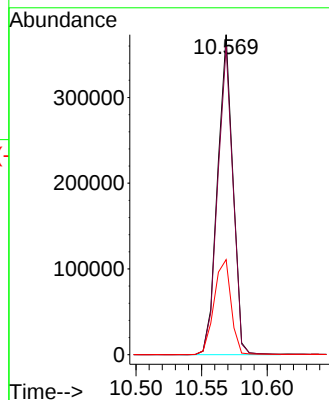
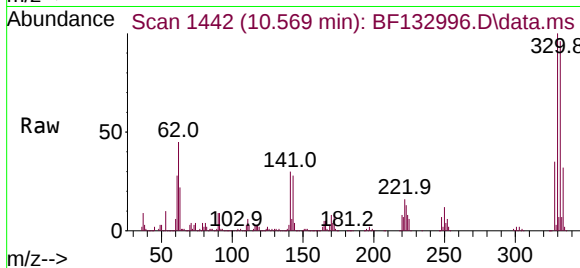
Tgt Ion:330 Resp: 303110

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

141 33.2 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 65.990 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF132996.D

Acq: 24 Apr 2023 15:38

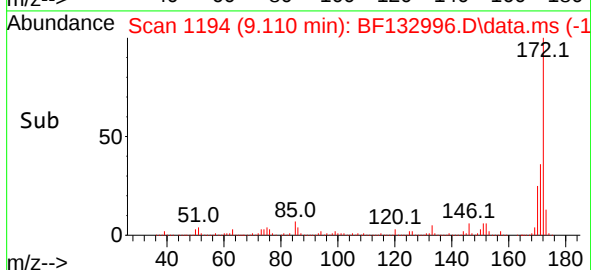
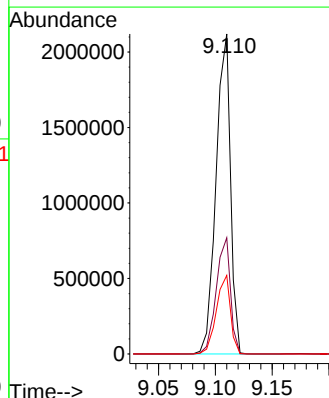
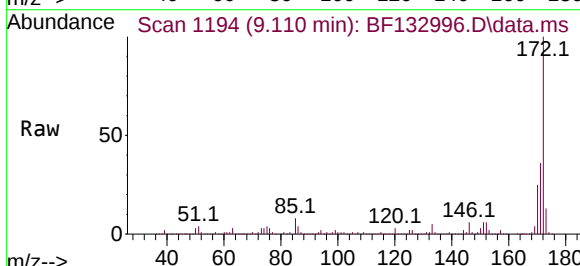
Tgt Ion:172 Resp: 1873086

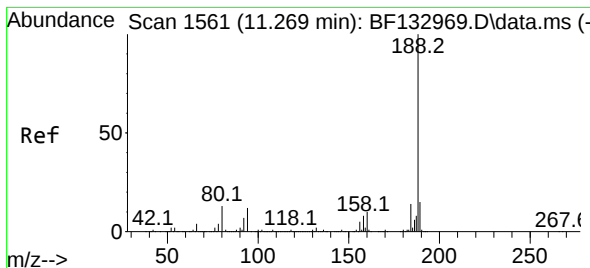
Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.6 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132996.D

Acq: 24 Apr 2023 15:38

Instrument :

BNA_F

ClientSampleId :

TWP-24

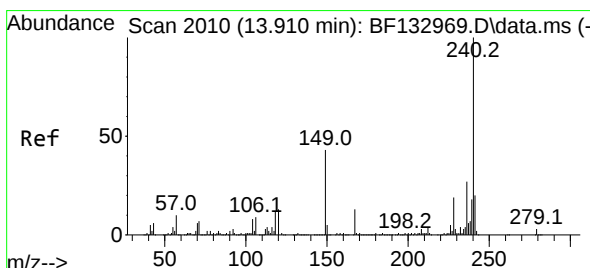
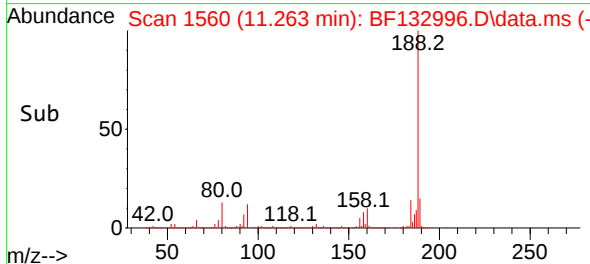
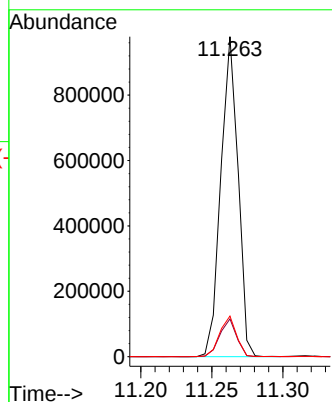
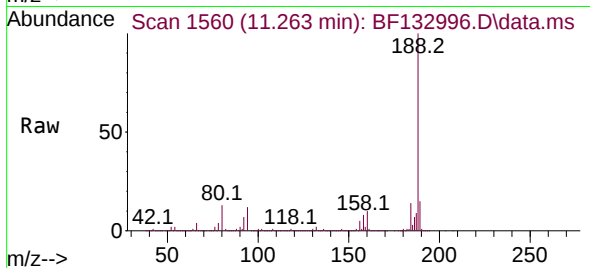
Tgt Ion:188 Resp: 823384

Ion Ratio Lower Upper

188 100

94 11.8 9.7 14.5

80 12.7 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.898 min Scan# 2008

Delta R.T. -0.012 min

Lab File: BF132996.D

Acq: 24 Apr 2023 15:38

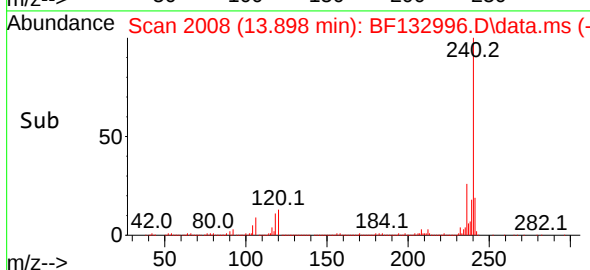
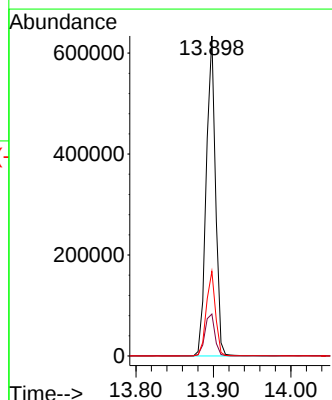
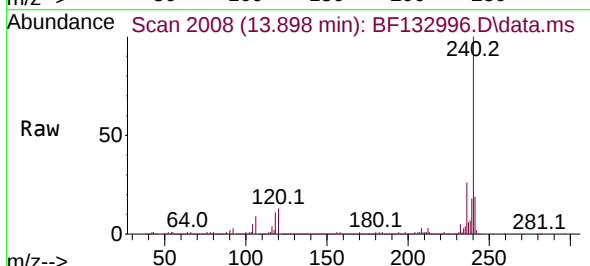
Tgt Ion:240 Resp: 525510

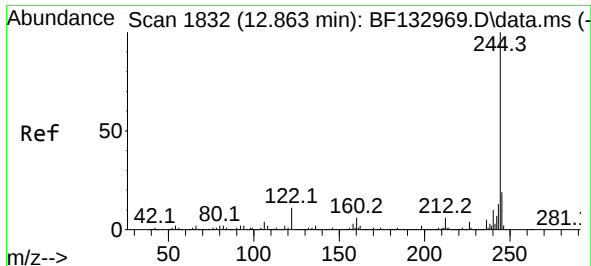
Ion Ratio Lower Upper

240 100

120 13.1 10.5 15.7

236 26.4 21.5 32.3

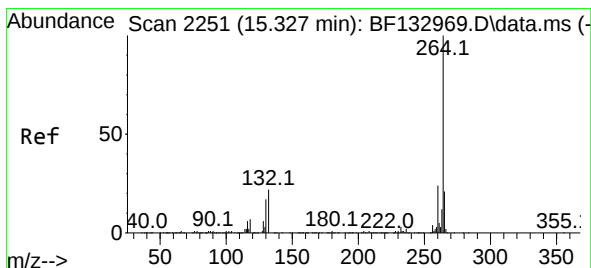
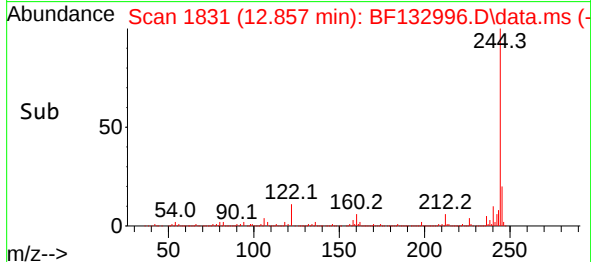
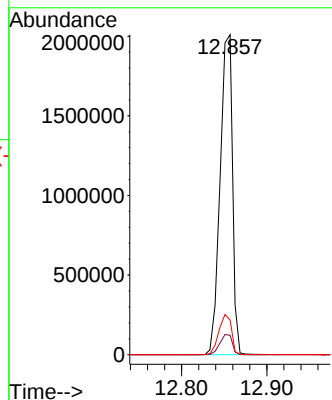
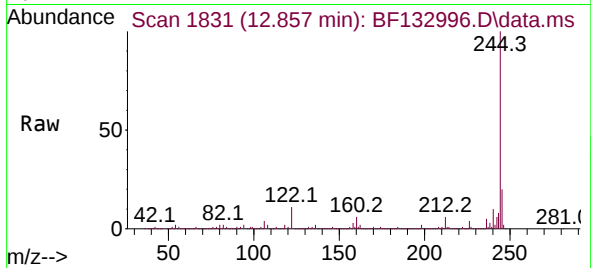




#79
 Terphenyl-d14
 Concen: 66.558 ng
 RT: 12.857 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BF132996.D
 Acq: 24 Apr 2023 15:38

Instrument :
 BNA_F
 ClientSampleId :
 TWP-24

Tgt Ion:244 Resp: 2028035
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.1 7.7
 122 10.9 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.321 min Scan# 2250
 Delta R.T. -0.006 min
 Lab File: BF132996.D
 Acq: 24 Apr 2023 15:38

Tgt Ion:264 Resp: 455439
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.7 17.0 25.4

