

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
 Data File : BF133566.D
 Acq On : 05 Jun 2023 15:26
 Operator : CG\JU
 Sample : 02971-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB01

Quant Time: Jun 05 17:51:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 17:49:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.827	152	131288	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	505796	20.000	ng	0.00
39) Acenaphthene-d10	9.868	164	259018	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	536124	20.000	ng	0.00
76) Chrysene-d12	13.998	240	400731	20.000	ng	0.00
86) Perylene-d12	15.456	264	331616	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	605979	77.010	ng	0.00
7) Phenol-d6	6.451	99	560281	57.841	ng	0.00
23) Nitrobenzene-d5	7.398	82	874474	115.437	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	449817	174.217	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1580118	94.156	ng	0.00
79) Terphenyl-d14	12.951	244	2255961	100.094	ng	0.00

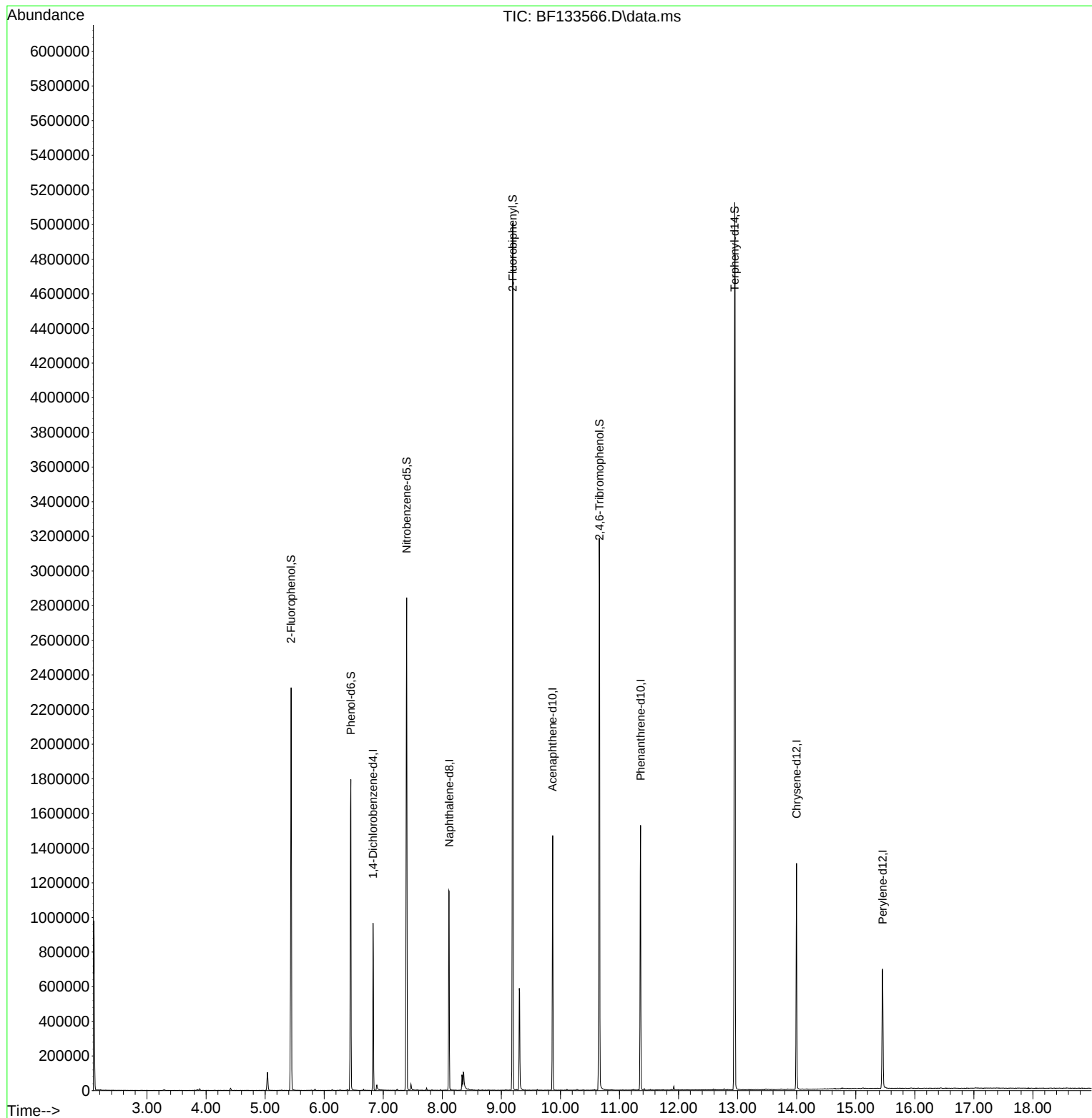
Target Compounds	Qvalue

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

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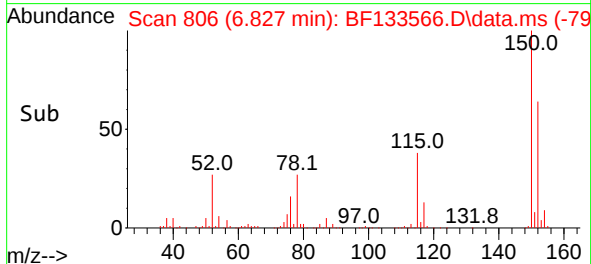
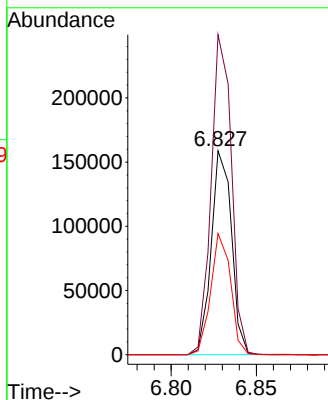
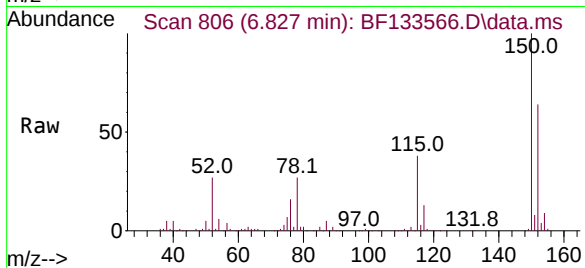




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.827 min Scan# 80
Delta R.T. -0.007 min
Lab File: BF133566.D
Acq: 05 Jun 2023 15:26

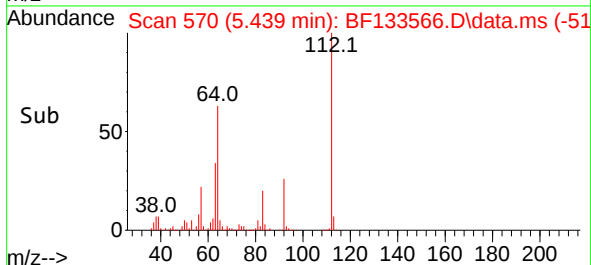
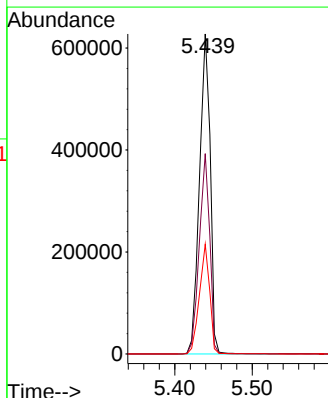
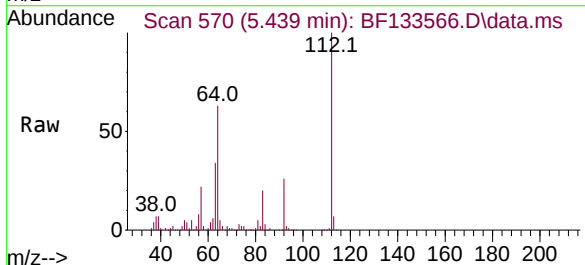
Instrument :
BNA_F
ClientSampleId :
FB01

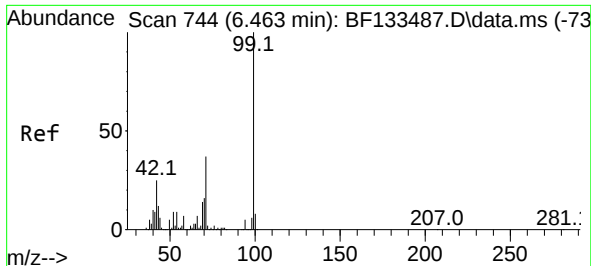
Tgt Ion:152 Resp: 131288
Ion Ratio Lower Upper
152 100
150 157.0 124.9 187.3
115 59.4 48.1 72.1



#5
2-Fluorophenol
Concen: 77.010 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF133566.D
Acq: 05 Jun 2023 15:26

Tgt Ion:112 Resp: 605979
Ion Ratio Lower Upper
112 100
64 62.6 50.1 75.1
63 34.3 27.5 41.3

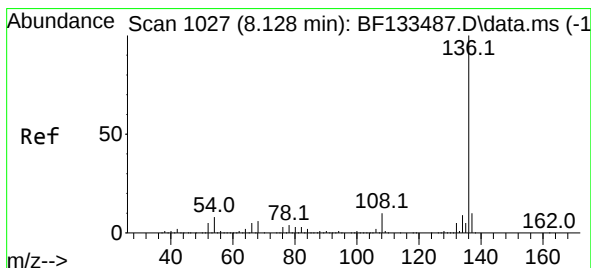
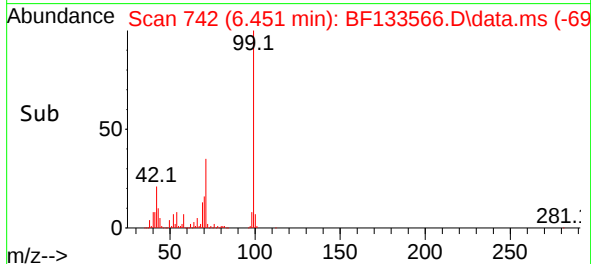
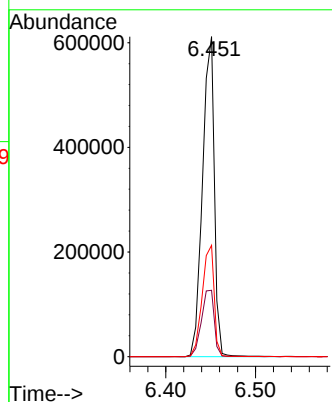
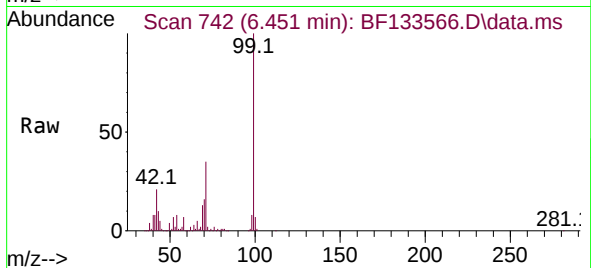




#7
Phenol-d6
Concen: 57.841 ng
RT: 6.451 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133566.D
Acq: 05 Jun 2023 15:26

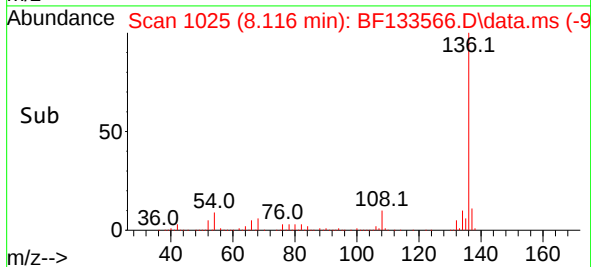
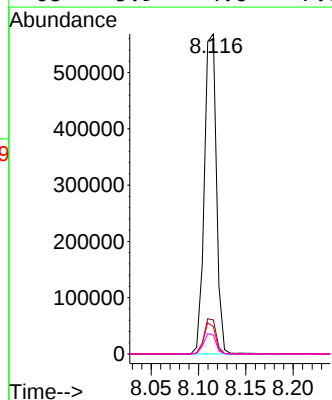
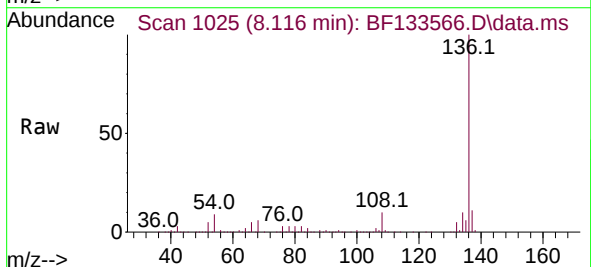
Instrument :
BNA_F
ClientSampleId :
FB01

Tgt Ion: 99 Resp: 560281
Ion Ratio Lower Upper
99 100
42 20.8 19.7 29.5
71 34.8 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF133566.D
Acq: 05 Jun 2023 15:26

Tgt Ion: 136 Resp: 505796
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.4
54 8.6 6.6 10.0
68 5.9 4.6 7.0





#23

Nitrobenzene-d5

Concen: 115.437 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF133566.D

Acq: 05 Jun 2023 15:26

Instrument :

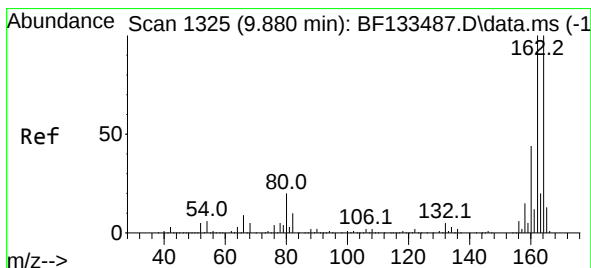
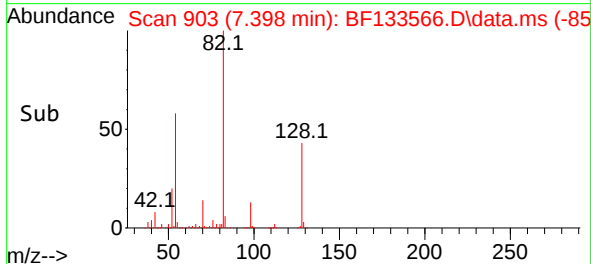
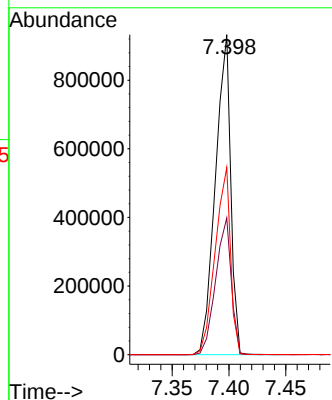
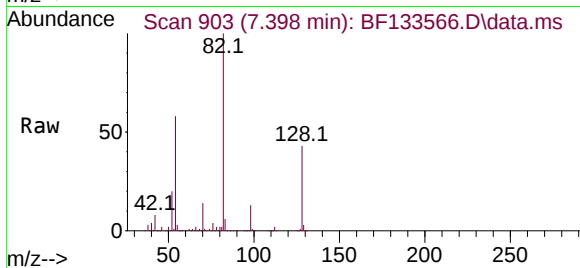
BNA_F

ClientSampleId :

FB01

Tgt Ion: 82 Resp: 874474

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.2	51.4
54	58.5	48.2	72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.868 min Scan# 1323

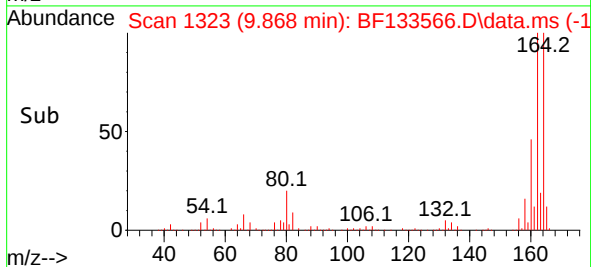
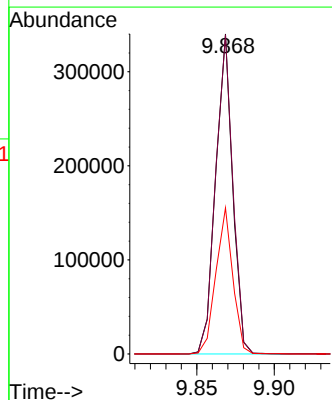
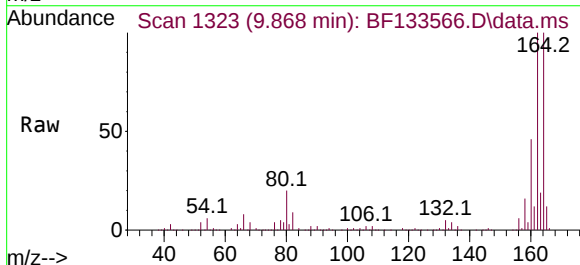
Delta R.T. -0.006 min

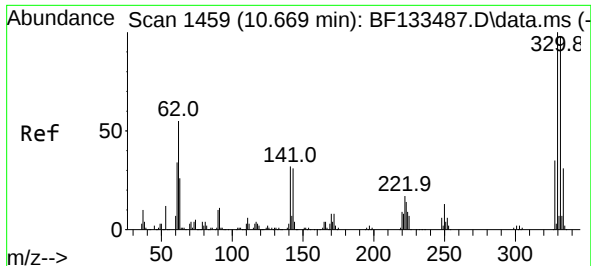
Lab File: BF133566.D

Acq: 05 Jun 2023 15:26

Tgt Ion: 164 Resp: 259018

Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.7	119.5
160	45.6	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 174.217 ng

RT: 10.663 min Scan# 1459

Delta R.T. -0.000 min

Lab File: BF133566.D

Acq: 05 Jun 2023 15:26

Instrument :

BNA_F

ClientSampleId :

FB01

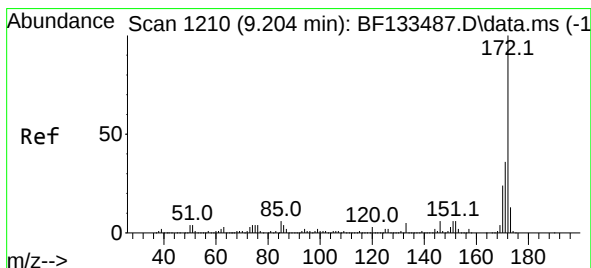
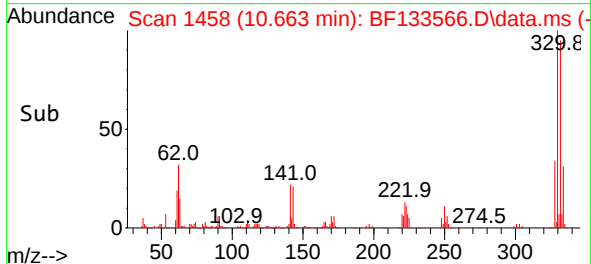
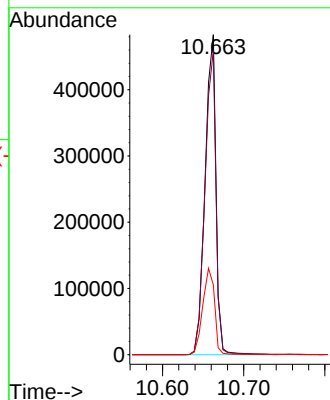
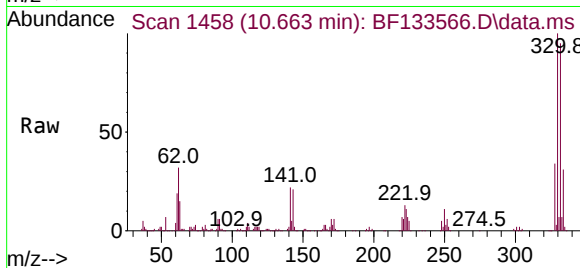
Tgt Ion:330 Resp: 449817

Ion Ratio Lower Upper

330 100

332 96.0 77.8 116.6

141 29.4 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 94.156 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.000 min

Lab File: BF133566.D

Acq: 05 Jun 2023 15:26

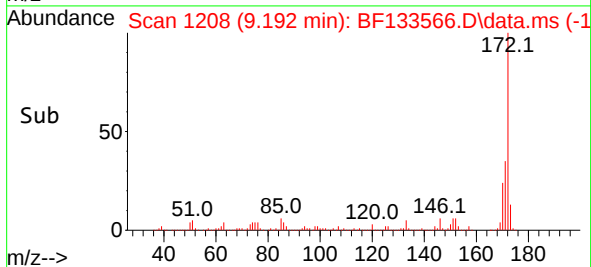
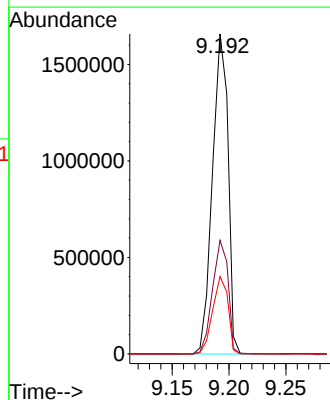
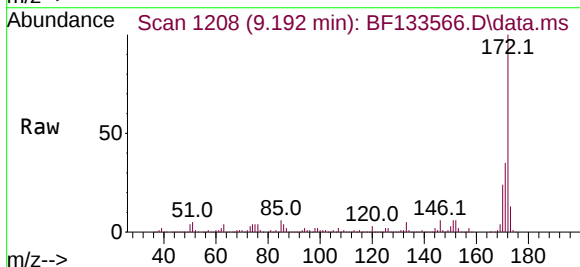
Tgt Ion:172 Resp: 1580118

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 24.2 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133566.D

Acq: 05 Jun 2023 15:26

Instrument :

BNA_F

ClientSampleId :

FB01

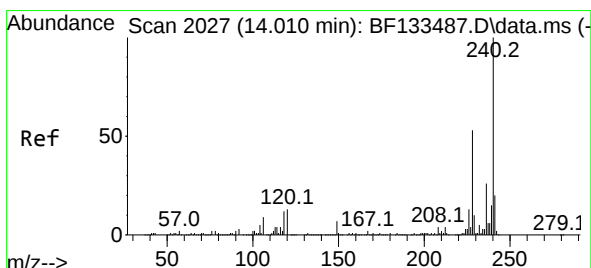
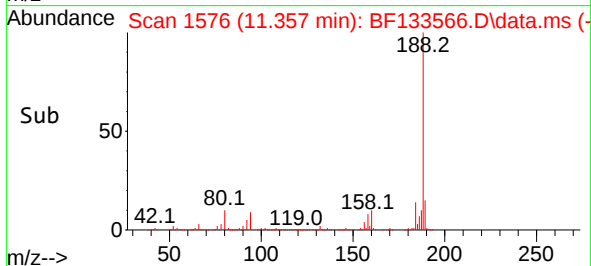
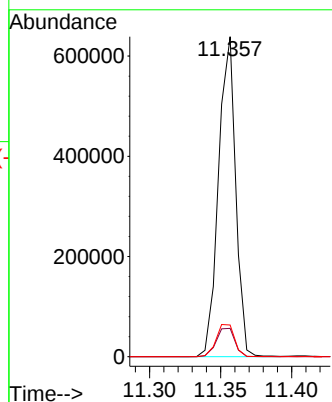
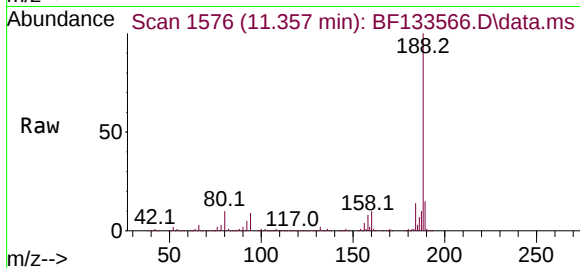
Tgt Ion:188 Resp: 536124

Ion Ratio Lower Upper

188 100

94 8.9 8.6 12.8

80 9.9 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF133566.D

Acq: 05 Jun 2023 15:26

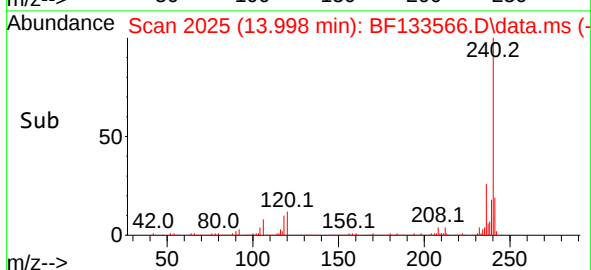
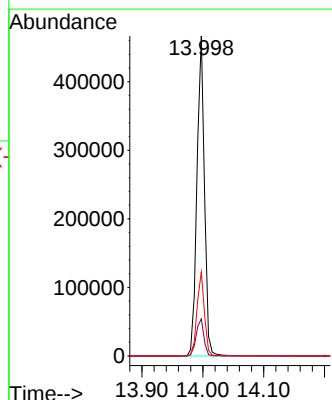
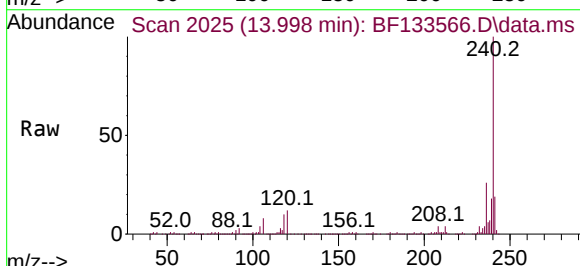
Tgt Ion:240 Resp: 400731

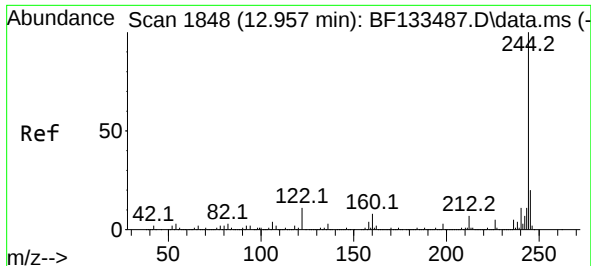
Ion Ratio Lower Upper

240 100

120 11.6 10.3 15.5

236 26.3 20.5 30.7

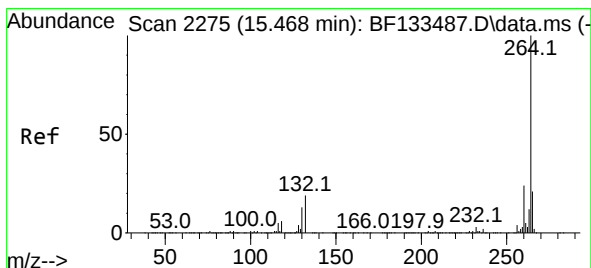
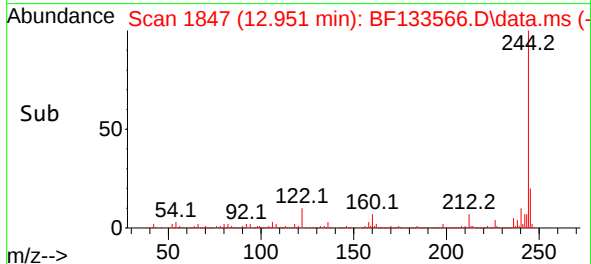
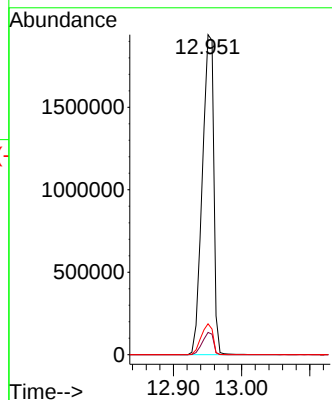
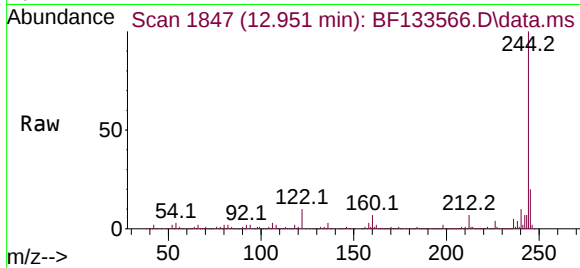




#79
 Terphenyl-d14
 Concen: 100.094 ng
 RT: 12.951 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF133566.D
 Acq: 05 Jun 2023 15:26

Instrument :
 BNA_F
 ClientSampleId :
 FB01

Tgt Ion:244 Resp: 2255961
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 9.7 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.456 min Scan# 2273
 Delta R.T. -0.000 min
 Lab File: BF133566.D
 Acq: 05 Jun 2023 15:26

Tgt Ion:264 Resp: 331616
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.4
 265 21.4 16.8 25.2

