

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
 Data File : BF133620.D
 Acq On : 07 Jun 2023 12:40
 Operator : CG\JU
 Sample : 03002-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB04

Quant Time: Jun 07 16:09:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 07 11:27:15 2023
 Response via : Initial Calibration

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

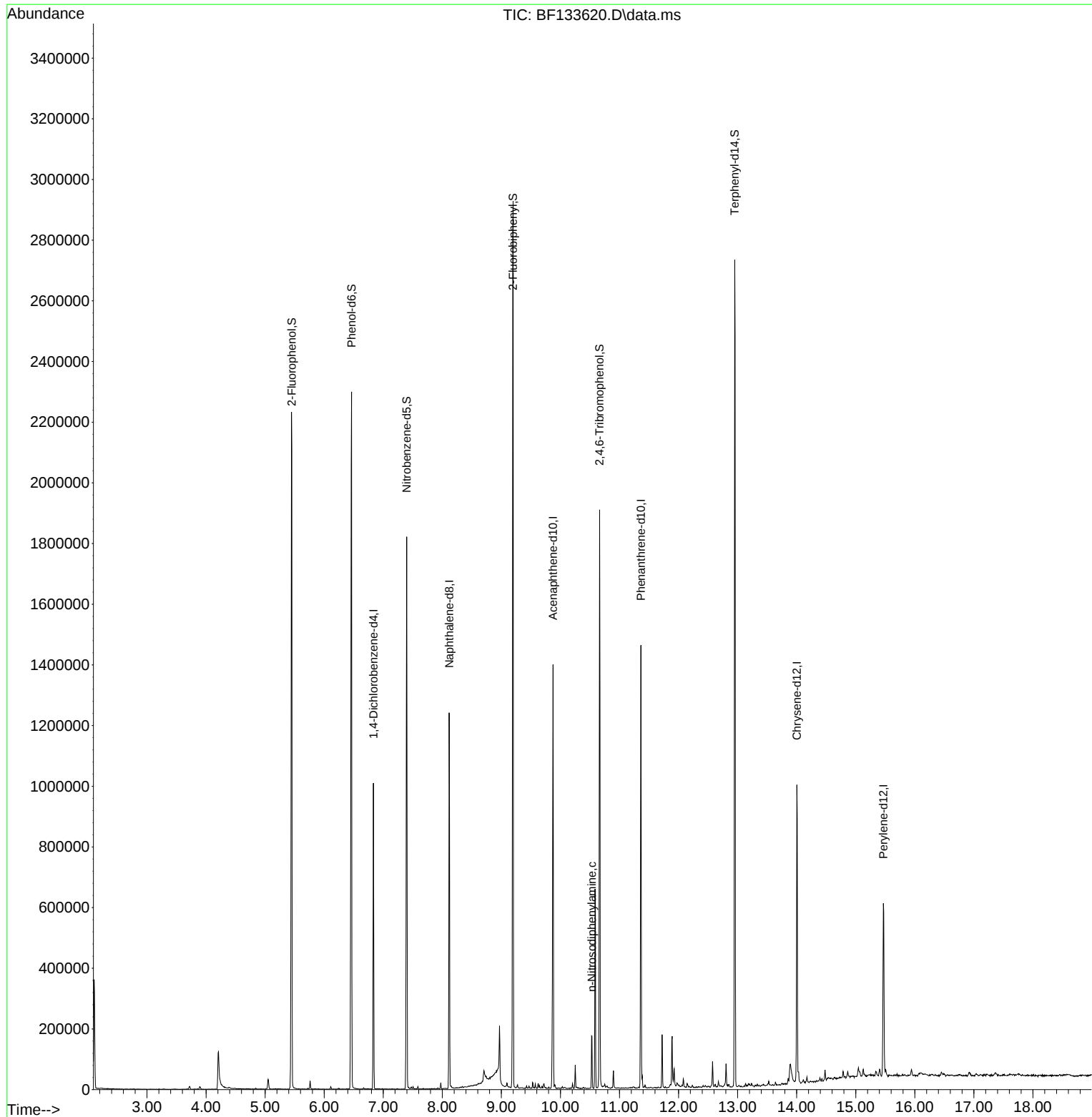
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	130384	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	502516	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	250457	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	490292	20.000	ng	0.00
76) Chrysene-d12	14.004	240	319452	20.000	ng	-0.01
86) Perylene-d12	15.468	264	266870	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	631038	80.751	ng	0.00
7) Phenol-d6	6.463	99	772924	80.347	ng	0.00
23) Nitrobenzene-d5	7.398	82	507792	67.470	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	228816	91.651	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	930680	57.353	ng	0.00
79) Terphenyl-d14	12.951	244	979707	54.528	ng	0.00
Target Compounds						
66) n-Nitrosodiphenylamine	10.533	169	41866	2.630	ng	Qvalue 99

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

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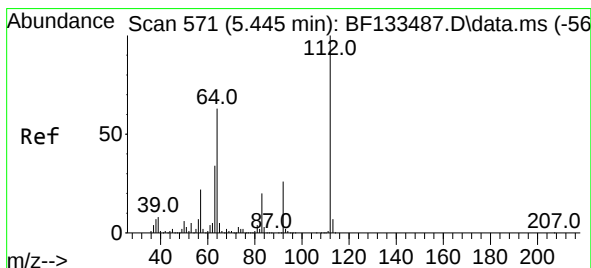
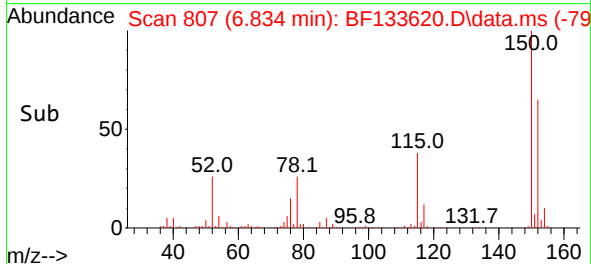
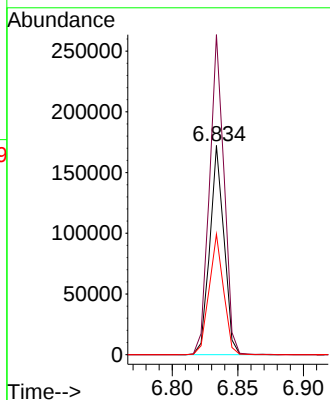
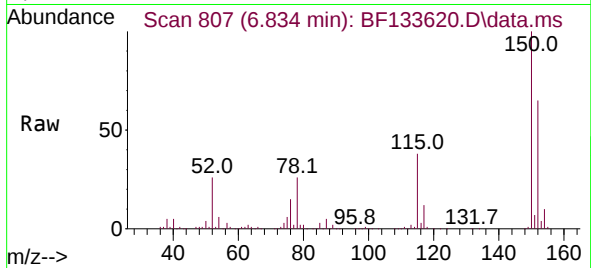




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF133620.D
Acq: 07 Jun 2023 12:40

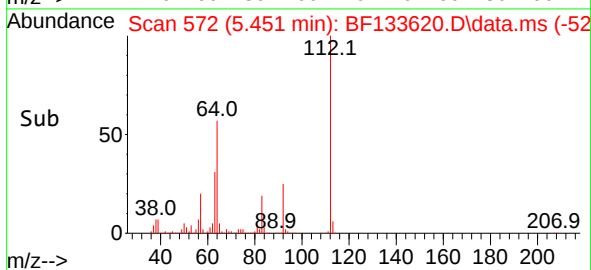
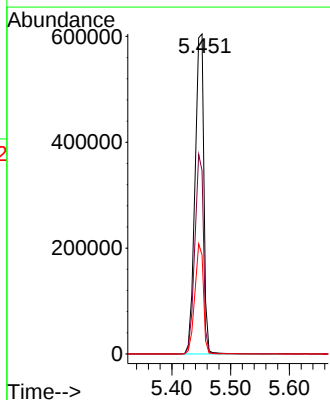
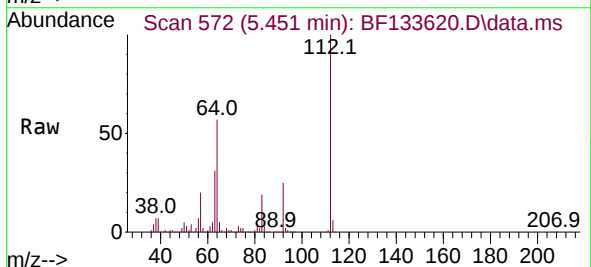
Instrument :
BNA_F
ClientSampleId :
SB04

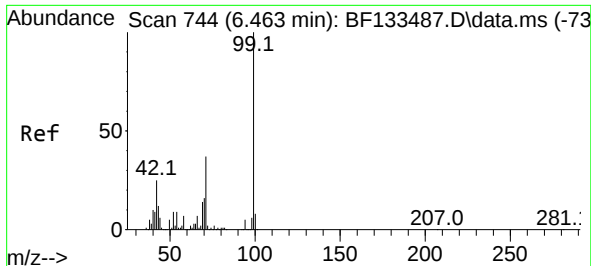
Tgt Ion:152 Resp: 130384
Ion Ratio Lower Upper
152 100
150 153.0 124.9 187.3
115 57.6 48.1 72.1



#5
2-Fluorophenol
Concen: 80.751 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.006 min
Lab File: BF133620.D
Acq: 07 Jun 2023 12:40

Tgt Ion:112 Resp: 631038
Ion Ratio Lower Upper
112 100
64 57.3 50.1 75.1
63 30.9 27.5 41.3

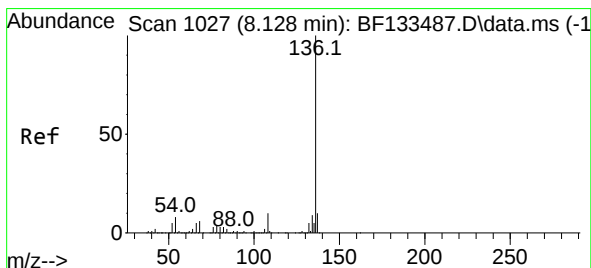
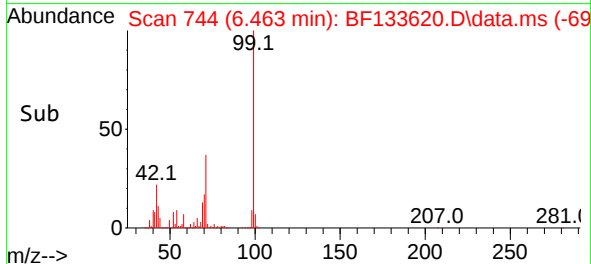
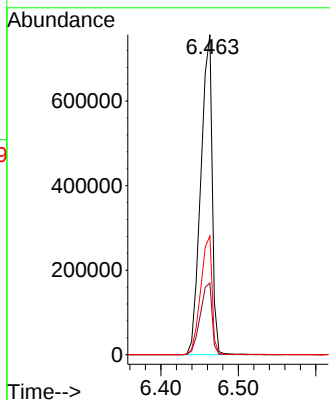
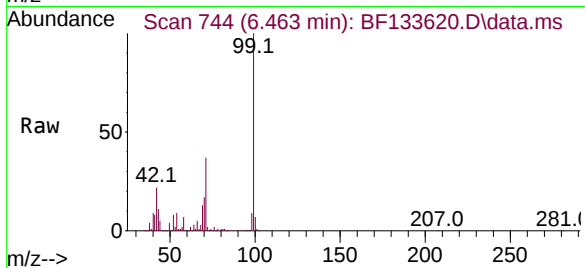




#7
Phenol-d6
Concen: 80.347 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133620.D
Acq: 07 Jun 2023 12:40

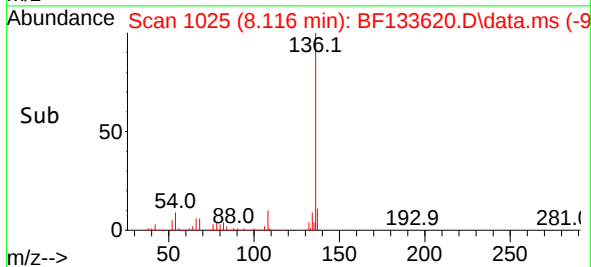
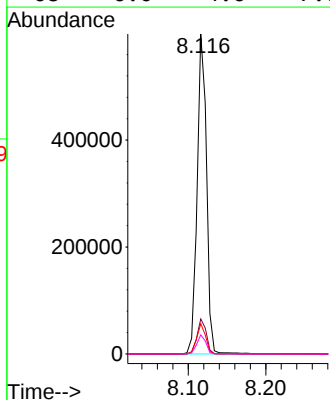
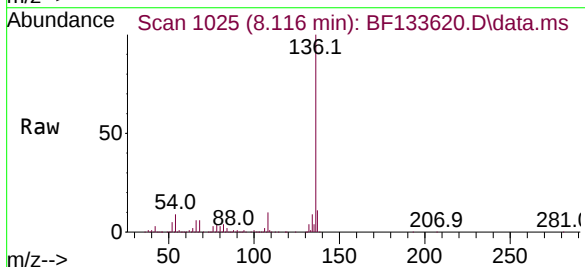
Instrument :
BNA_F
ClientSampleId :
SB04

Tgt Ion: 99 Resp: 772924
Ion Ratio Lower Upper
99 100
42 22.4 19.7 29.5
71 37.1 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133620.D
Acq: 07 Jun 2023 12:40

Tgt Ion: 136 Resp: 502516
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.4
54 9.5 6.6 10.0
68 6.0 4.6 7.0





#23

Nitrobenzene-d5

Concen: 67.470 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133620.D

Acq: 07 Jun 2023 12:40

Instrument :

BNA_F

ClientSampleId :

SB04

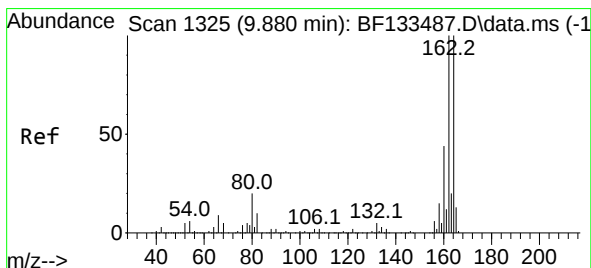
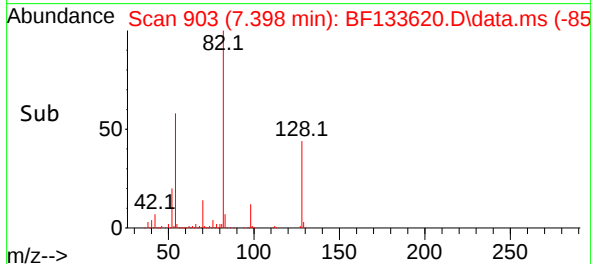
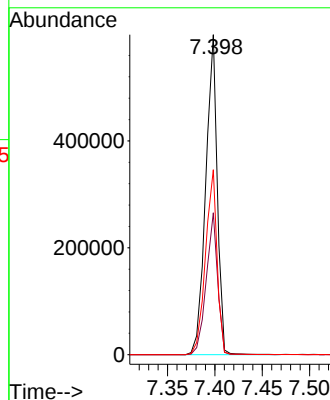
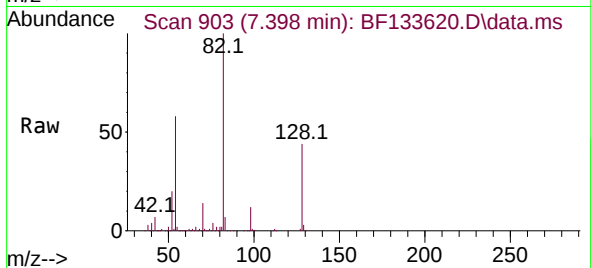
Tgt Ion: 82 Resp: 507792

Ion Ratio Lower Upper

82 100

128 44.3 34.2 51.4

54 57.8 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF133620.D

Acq: 07 Jun 2023 12:40

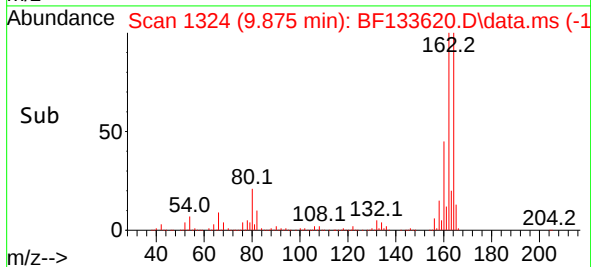
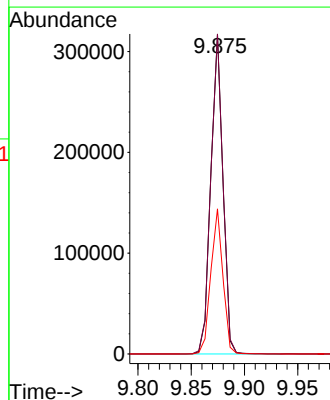
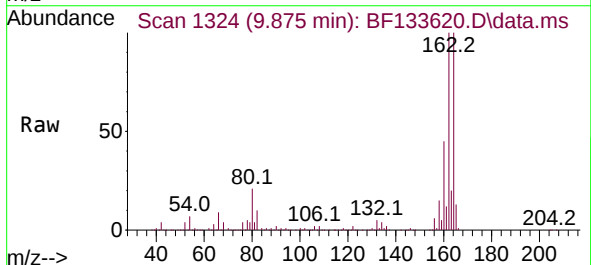
Tgt Ion: 164 Resp: 250457

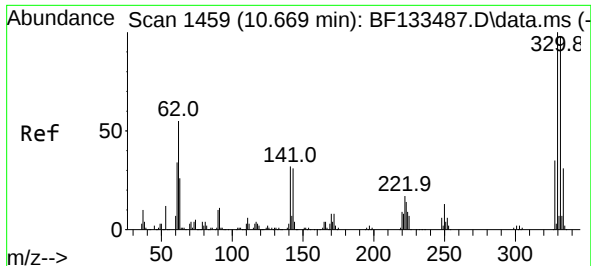
Ion Ratio Lower Upper

164 100

162 100.0 79.7 119.5

160 45.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 91.651 ng

RT: 10.663 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133620.D

Acq: 07 Jun 2023 12:40

Instrument :

BNA_F

ClientSampleId :

SB04

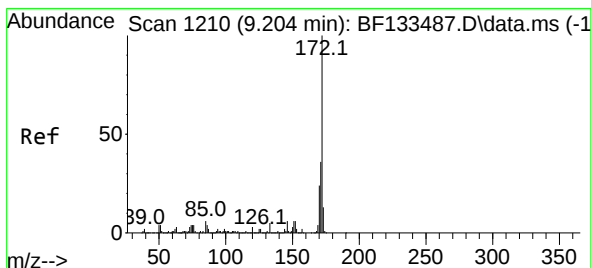
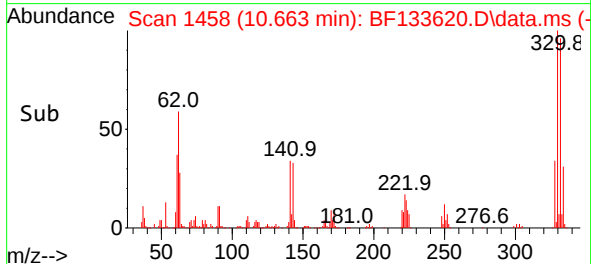
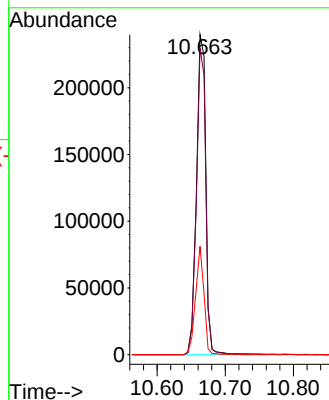
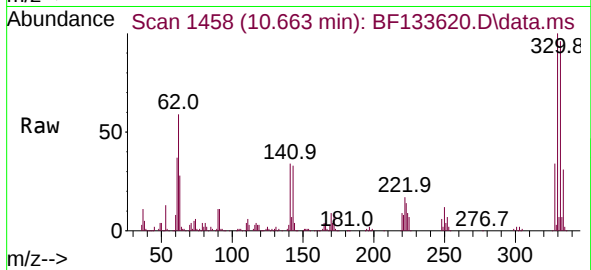
Tgt Ion:330 Resp: 228816

Ion Ratio Lower Upper

330 100

332 94.9 77.8 116.6

141 30.4 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 57.353 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF133620.D

Acq: 07 Jun 2023 12:40

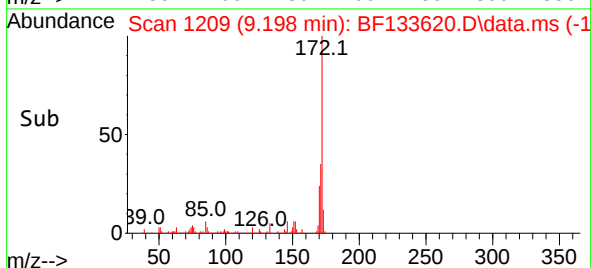
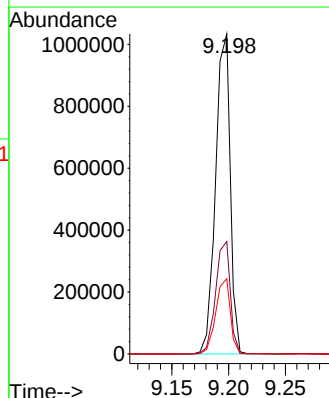
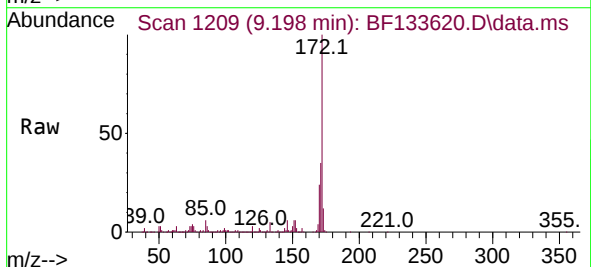
Tgt Ion:172 Resp: 930680

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.5 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133620.D

Acq: 07 Jun 2023 12:40

Instrument :

BNA_F

ClientSampleId :

SB04

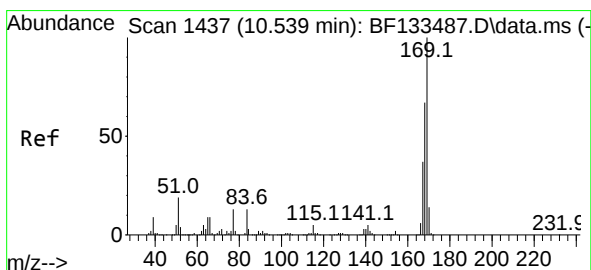
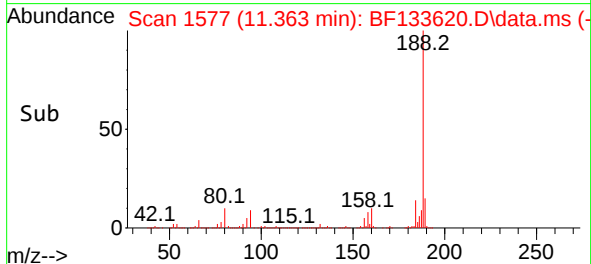
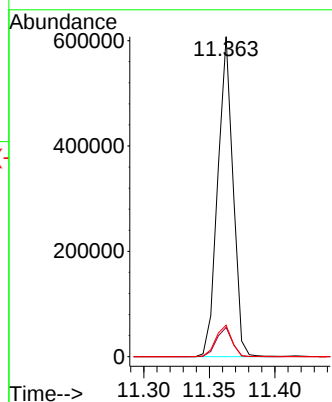
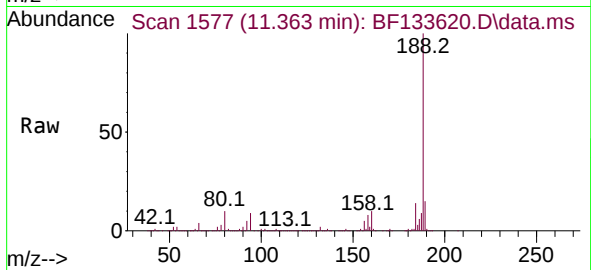
Tgt Ion:188 Resp: 490292

Ion Ratio Lower Upper

188 100

94 9.1 8.6 12.8

80 9.8 9.2 13.8



#66

n-Nitrosodiphenylamine

Concen: 2.630 ng

RT: 10.533 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF133620.D

Acq: 07 Jun 2023 12:40

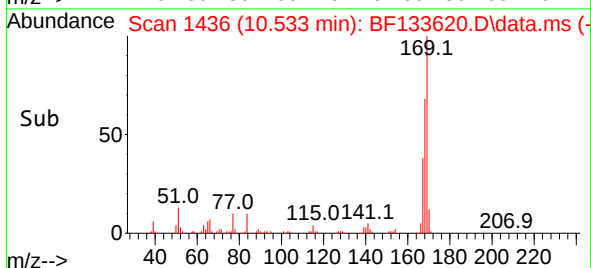
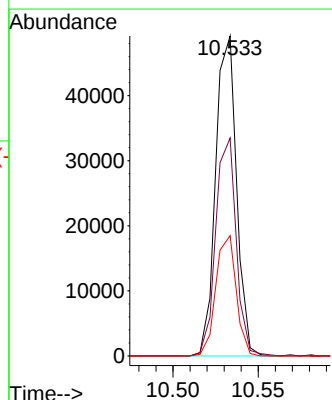
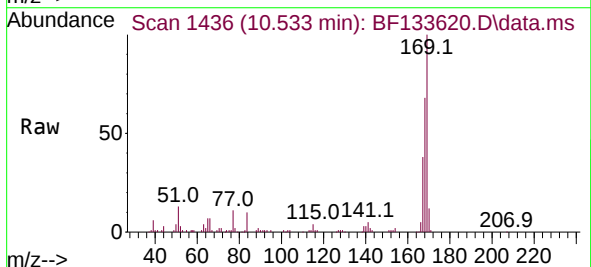
Tgt Ion:169 Resp: 41866

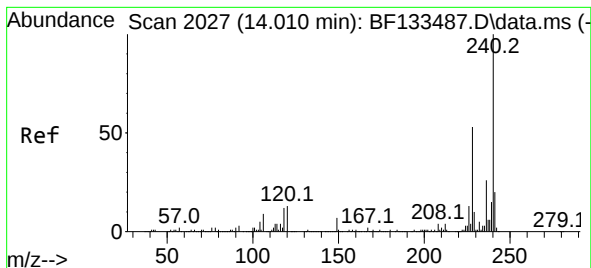
Ion Ratio Lower Upper

169 100

168 68.1 53.7 80.5

167 37.6 29.6 44.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF133620.D

Acq: 07 Jun 2023 12:40

Instrument :

BNA_F

ClientSampleId :

SB04

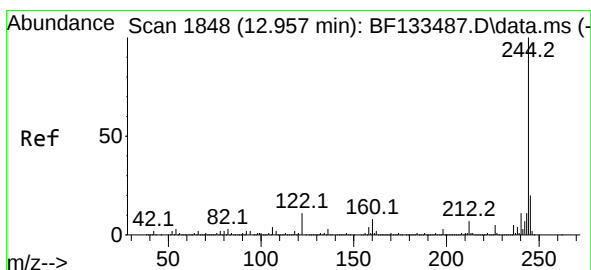
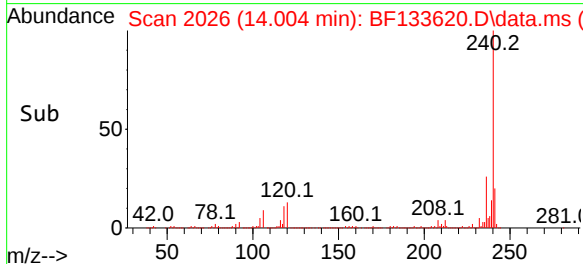
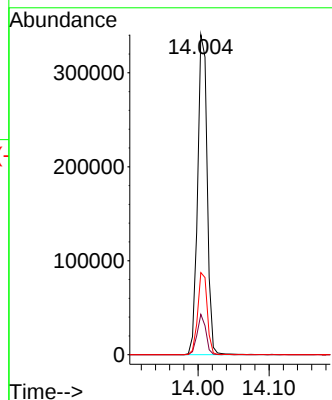
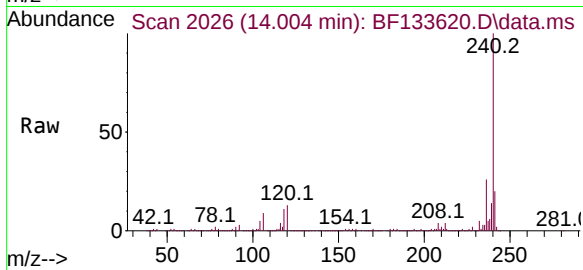
Tgt Ion:240 Resp: 319452

Ion Ratio Lower Upper

240 100

120 12.6 10.3 15.5

236 25.7 20.5 30.7



#79

Terphenyl-d14

Concen: 54.528 ng

RT: 12.951 min Scan# 1847

Delta R.T. -0.006 min

Lab File: BF133620.D

Acq: 07 Jun 2023 12:40

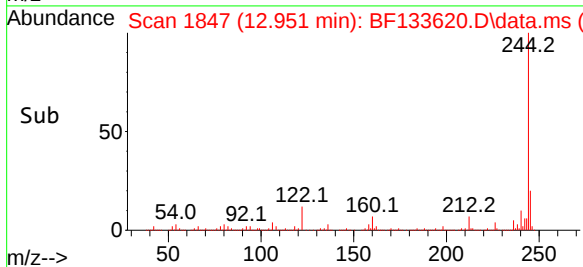
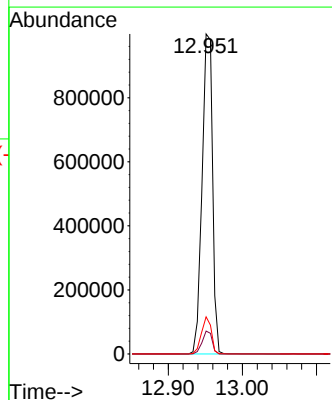
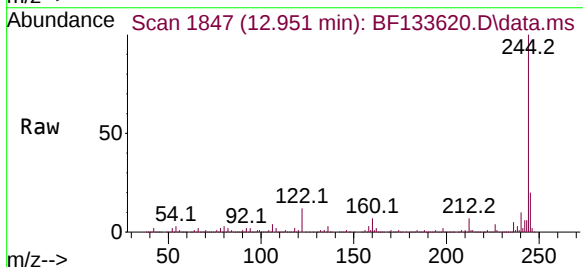
Tgt Ion:244 Resp: 979707

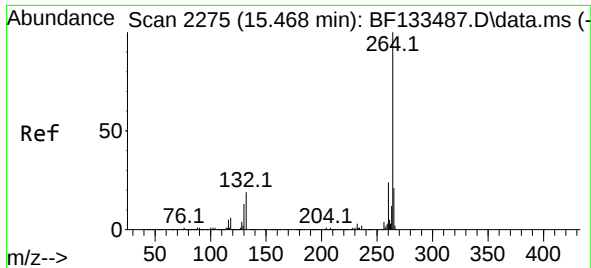
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

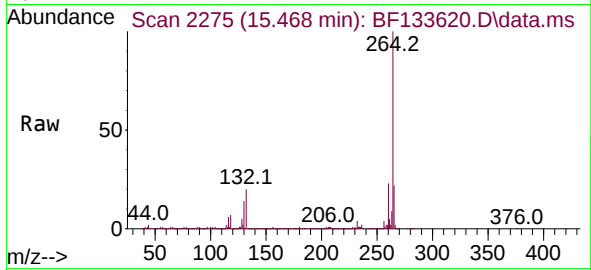
122 11.6 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF133620.D
Acq: 07 Jun 2023 12:40

Instrument :
BNA_F
ClientSampleId :
SB04



Tgt Ion:	264	Resp:	266870
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	21.7	16.8	25.2

