

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053023\
 Data File : BF133526.D
 Acq On : 30 May 2023 17:19
 Operator : CG\JU
 Sample : 02955-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB21

Quant Time: May 30 17:51:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	142318	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	547409	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	267009	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	524943	20.000	ng	0.00
76) Chrysene-d12	13.998	240	385930	20.000	ng	0.00
86) Perylene-d12	15.456	264	291307	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1023842	120.030	ng	0.01
7) Phenol-d6	6.457	99	1262735	120.256	ng	0.00
23) Nitrobenzene-d5	7.398	82	801603	97.773	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	359302	134.995	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1402613	81.078	ng	0.00
79) Terphenyl-d14	12.951	244	1653032	76.155	ng	0.00

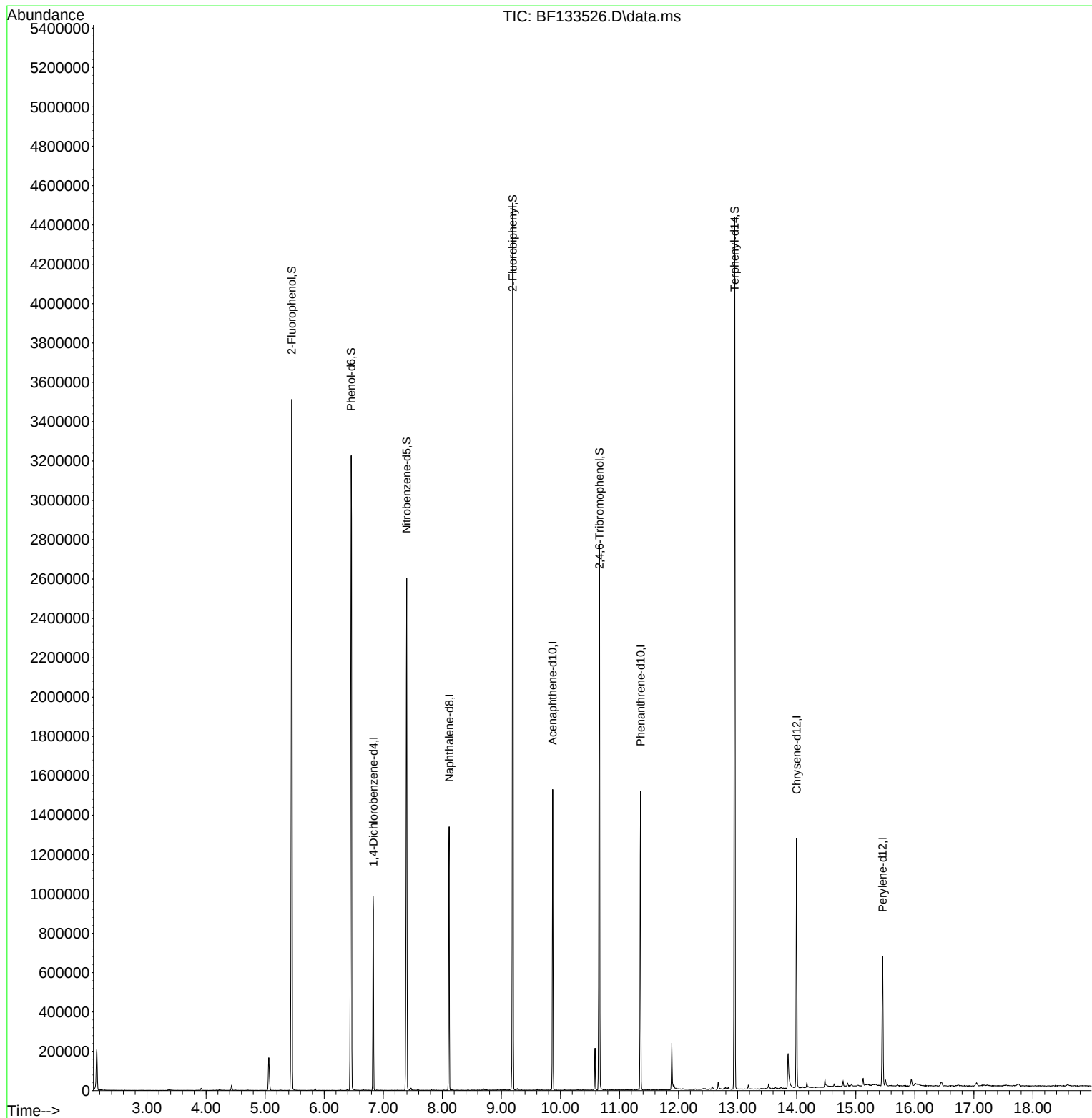
Target Compounds	Qvalue

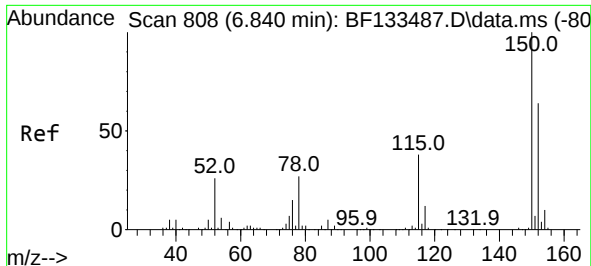
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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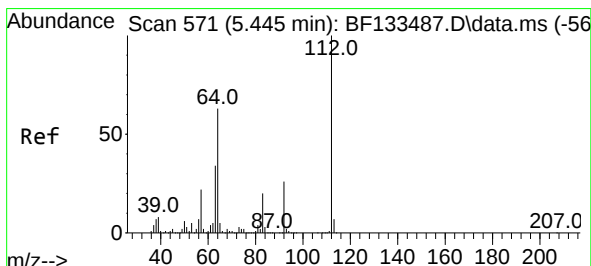
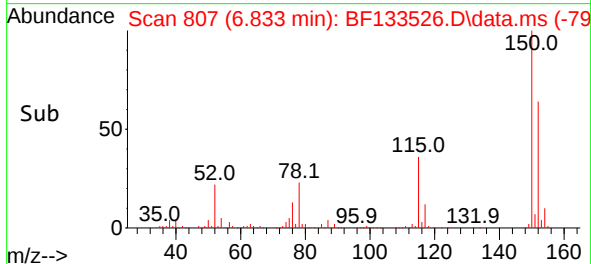
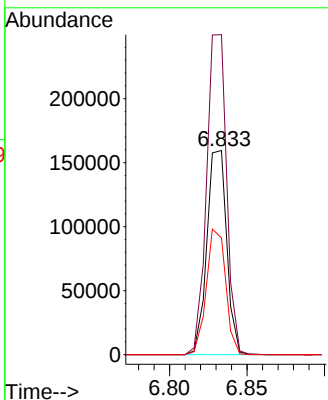
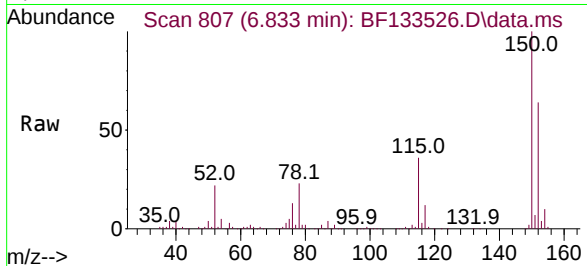




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.833 min Scan# 80
 Delta R.T. -0.001 min
 Lab File: BF133526.D
 Acq: 30 May 2023 17:19

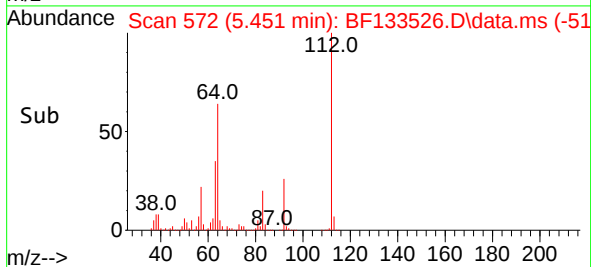
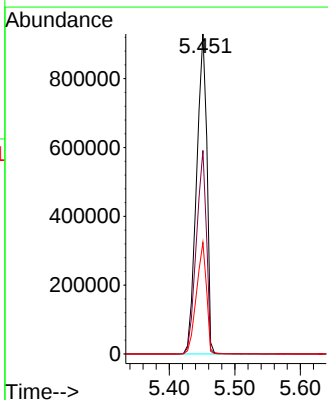
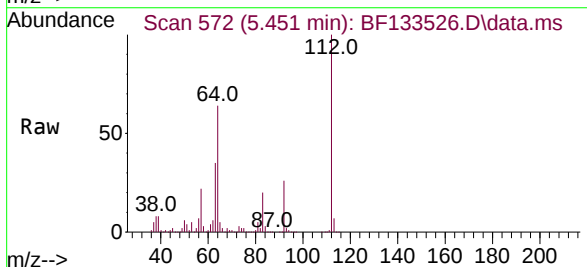
Instrument :
 BNA_F
 ClientSampleId :
 SB21

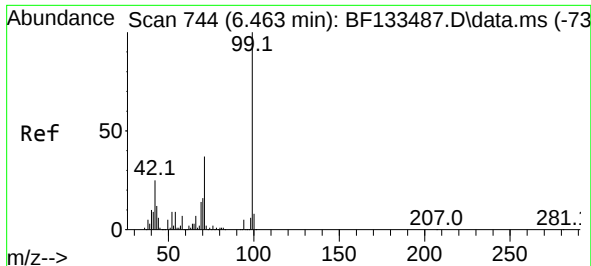
Tgt Ion:152 Resp: 142318
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.9 187.3
 115 57.2 48.1 72.1



#5
 2-Fluorophenol
 Concen: 120.030 ng
 RT: 5.451 min Scan# 572
 Delta R.T. 0.011 min
 Lab File: BF133526.D
 Acq: 30 May 2023 17:19

Tgt Ion:112 Resp: 1023842
 Ion Ratio Lower Upper
 112 100
 64 63.6 50.1 75.1
 63 34.8 27.5 41.3



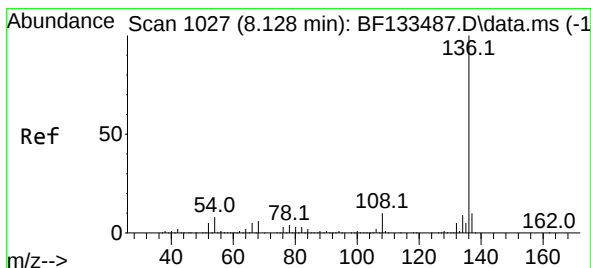
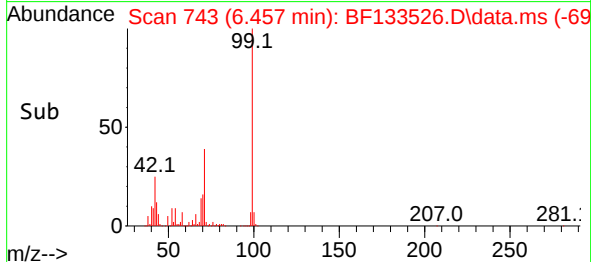
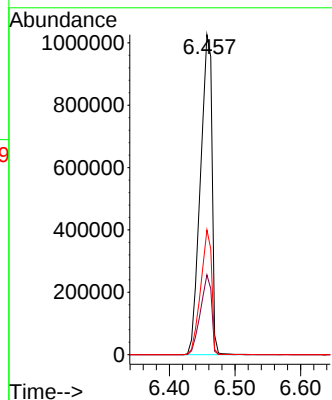
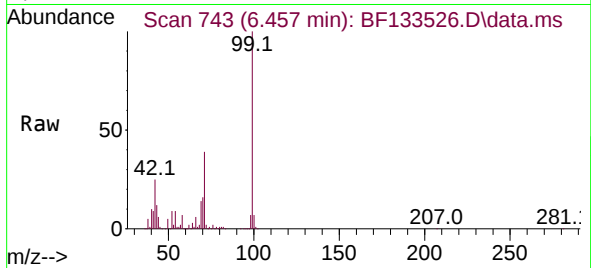


#7
Phenol-d6
Concen: 120.256 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133526.D
Acq: 30 May 2023 17:19

Instrument :
BNA_F
ClientSampleId :
SB21

Tgt Ion: 99 Resp: 1262735

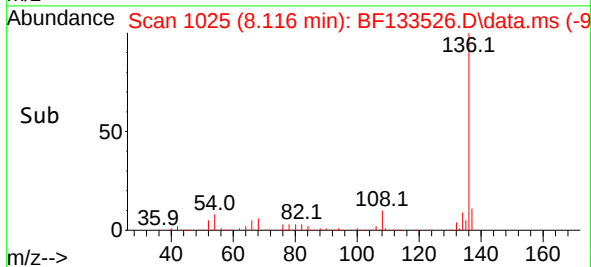
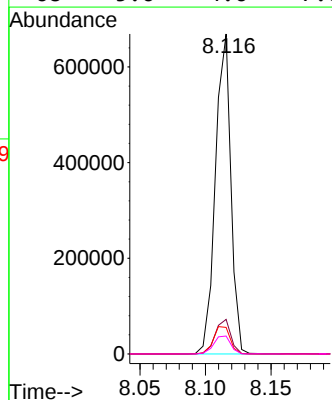
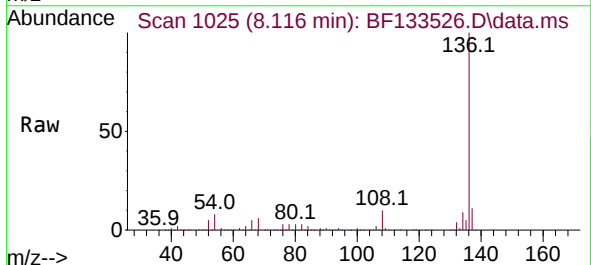
Ion	Ratio	Lower	Upper
99	100		
42	24.9	19.7	29.5
71	39.0	29.8	44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF133526.D
Acq: 30 May 2023 17:19

Tgt Ion: 136 Resp: 547409

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	8.3	6.6	10.0
68	5.6	4.6	7.0





#23

Nitrobenzene-d5

Concen: 97.773 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133526.D

Acq: 30 May 2023 17:19

Instrument :

BNA_F

ClientSampleId :

SB21

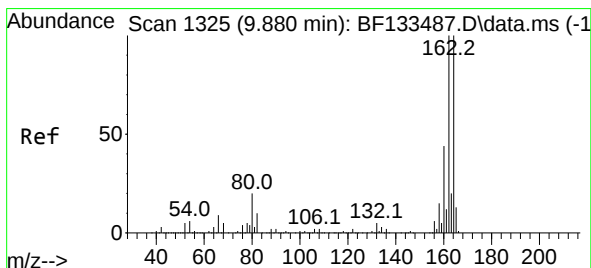
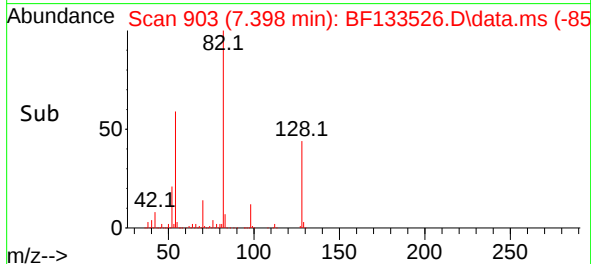
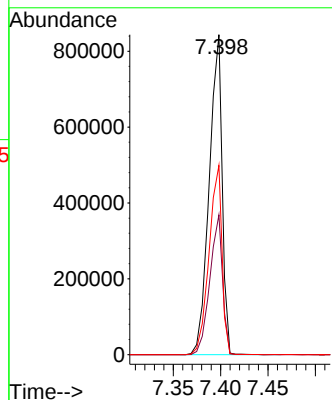
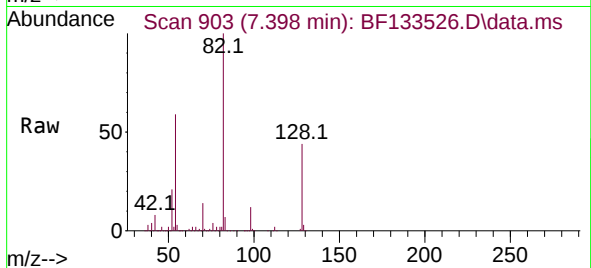
Tgt Ion: 82 Resp: 801603

Ion Ratio Lower Upper

82 100

128 43.7 34.2 51.4

54 59.1 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF133526.D

Acq: 30 May 2023 17:19

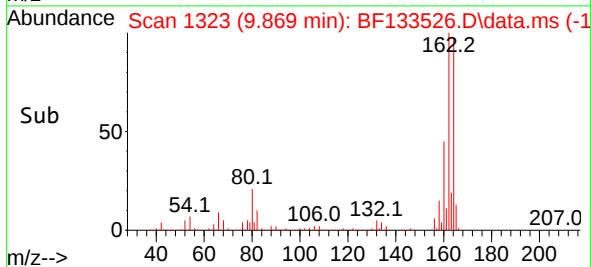
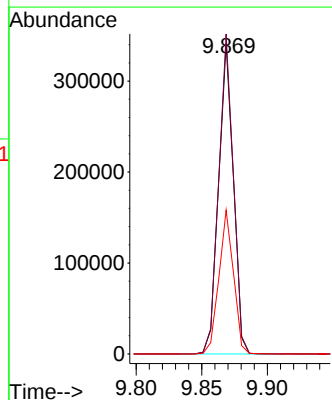
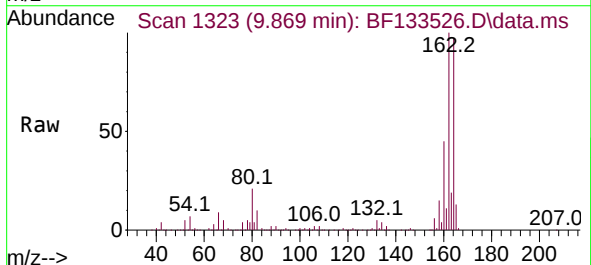
Tgt Ion:164 Resp: 267009

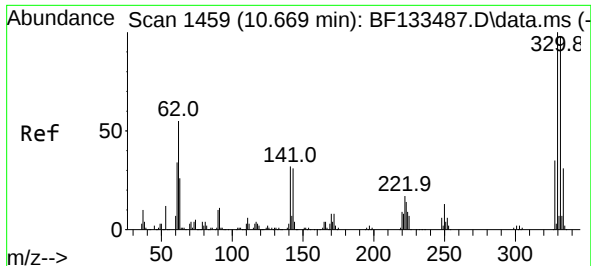
Ion Ratio Lower Upper

164 100

162 103.1 79.7 119.5

160 46.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 134.995 ng

RT: 10.663 min Scan# 1459

Delta R.T. -0.000 min

Lab File: BF133526.D

Acq: 30 May 2023 17:19

Instrument :

BNA_F

ClientSampleId :

SB21

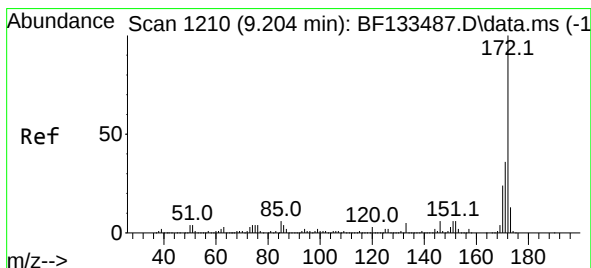
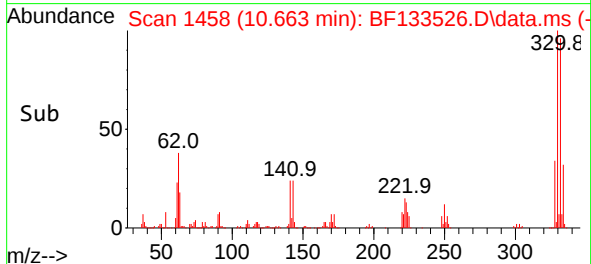
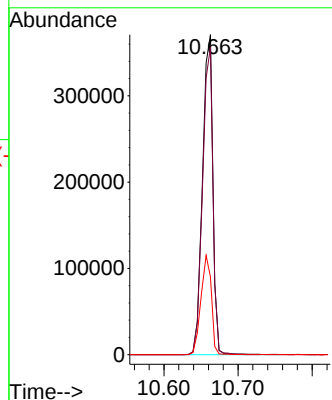
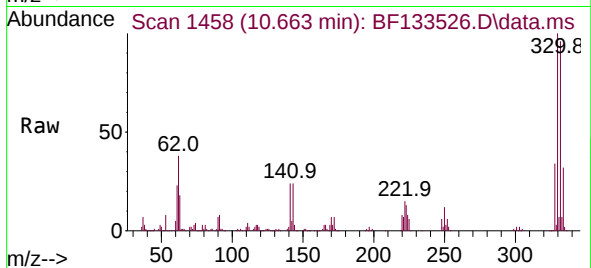
Tgt Ion:330 Resp: 359302

Ion Ratio Lower Upper

330 100

332 95.9 77.8 116.6

141 31.2 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 81.078 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133526.D

Acq: 30 May 2023 17:19

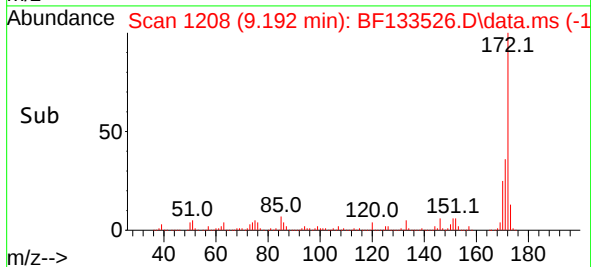
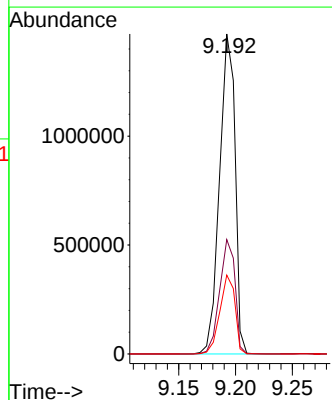
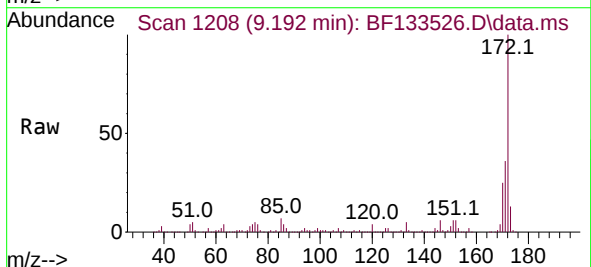
Tgt Ion:172 Resp: 1402613

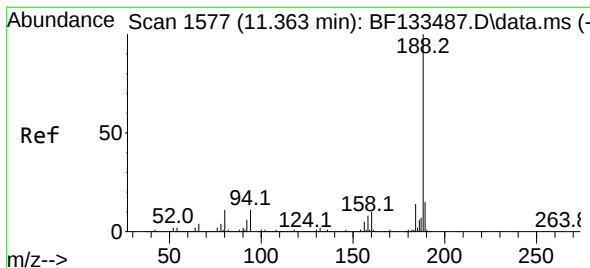
Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 24.6 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133526.D

Acq: 30 May 2023 17:19

Instrument :

BNA_F

ClientSampleId :

SB21

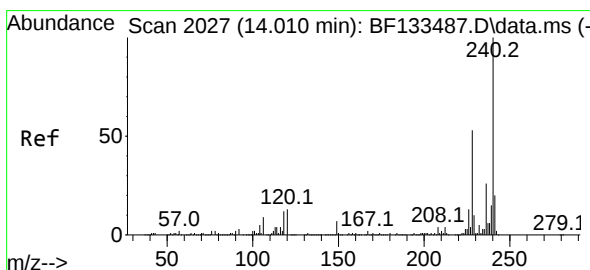
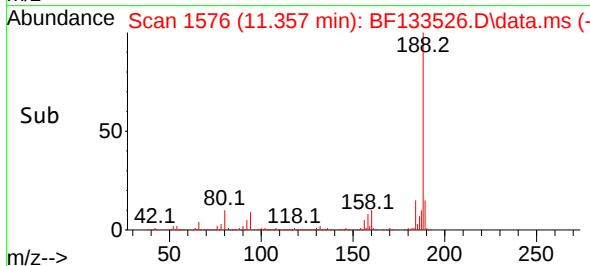
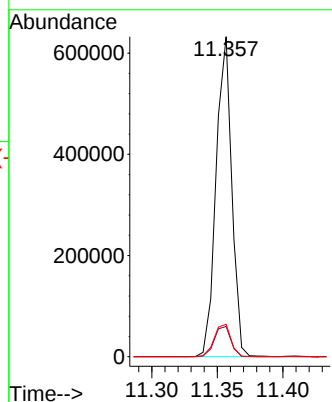
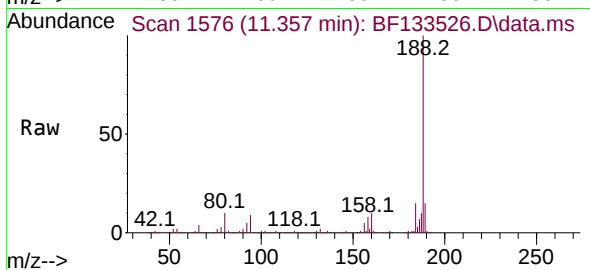
Tgt Ion:188 Resp: 524943

Ion Ratio Lower Upper

188 100

94 9.4 8.6 12.8

80 10.2 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: BF133526.D

Acq: 30 May 2023 17:19

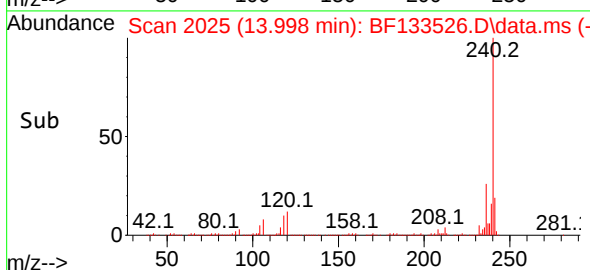
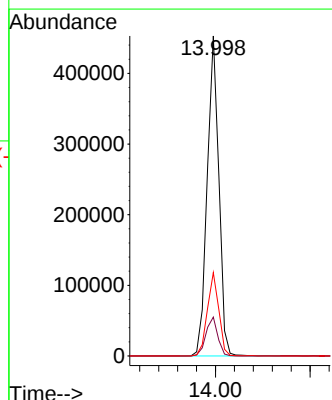
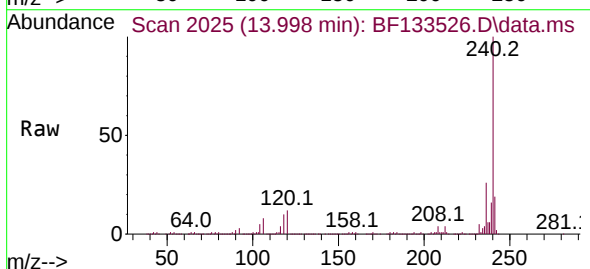
Tgt Ion:240 Resp: 385930

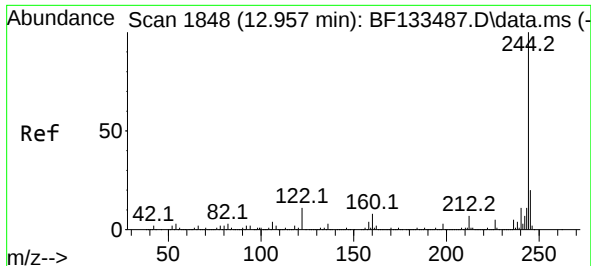
Ion Ratio Lower Upper

240 100

120 12.2 10.3 15.5

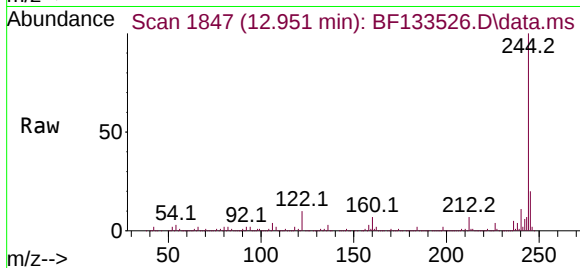
236 26.1 20.5 30.7



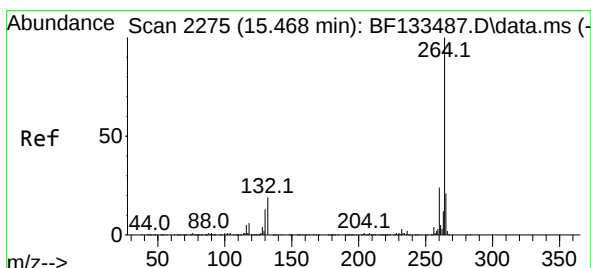
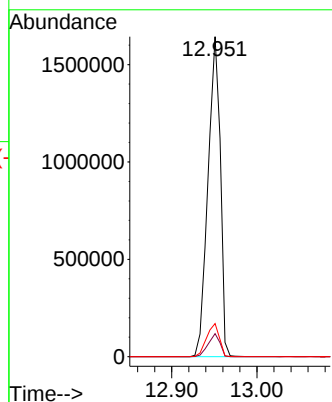
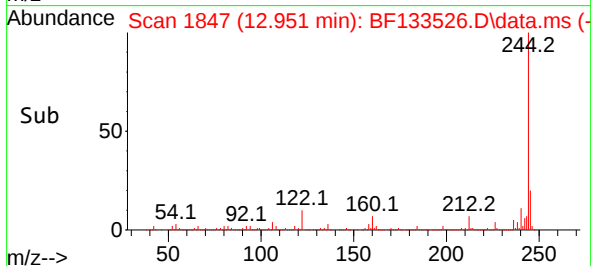


#79
 Terphenyl-d14
 Concen: 76.155 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.000 min
 Lab File: BF133526.D
 Acq: 30 May 2023 17:19

Instrument :
 BNA_F
 ClientSampleId :
 SB21



Tgt Ion:244 Resp: 1653032
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 10.4 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: BF133526.D
 Acq: 30 May 2023 17:19

Tgt Ion:264 Resp: 291307
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.4
 265 21.1 16.8 25.2

