

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053123\
 Data File : BF133536.D
 Acq On : 31 May 2023 12:58
 Operator : CG\JU
 Sample : PB153095BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153095BL

Quant Time: May 31 13:41:23 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	6.828	152	147286	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	563388	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	276086	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	559417	20.000	ng	0.00
76) Chrysene-d12	13.992	240	450392	20.000	ng	-0.01
86) Perylene-d12	15.451	264	457454	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1114452	126.246	ng	0.01
7) Phenol-d6	6.457	99	1362675	125.397	ng	0.00
23) Nitrobenzene-d5	7.398	82	874539	103.644	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	382893	139.129	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1496191	83.643	ng	0.00
79) Terphenyl-d14	12.951	244	1847646	72.938	ng	0.00

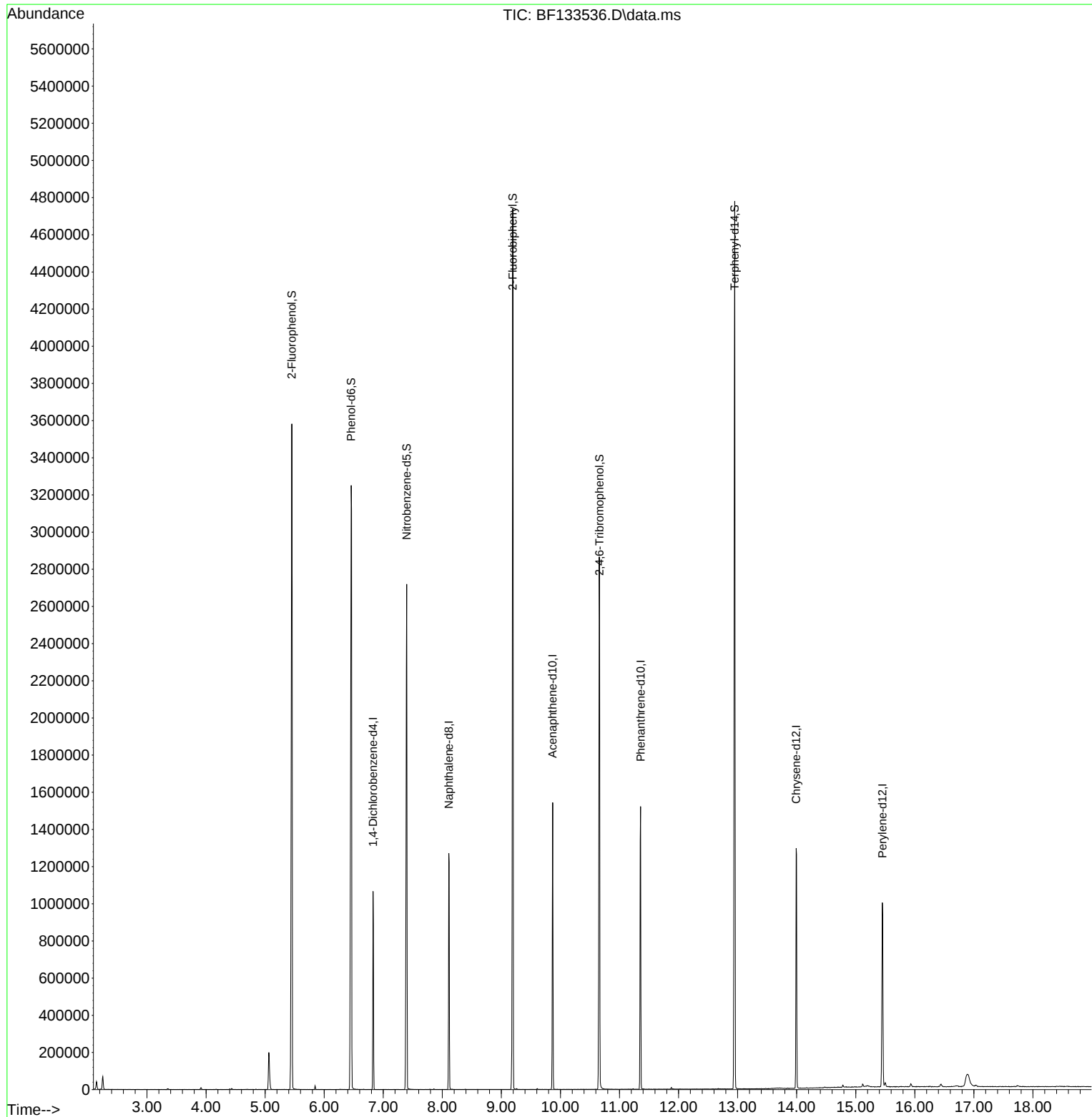
Target Compounds	Qvalue

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

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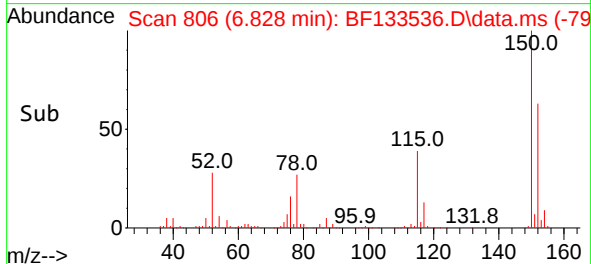
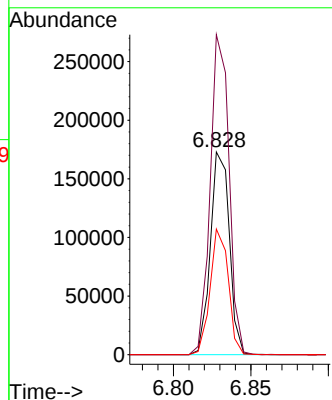
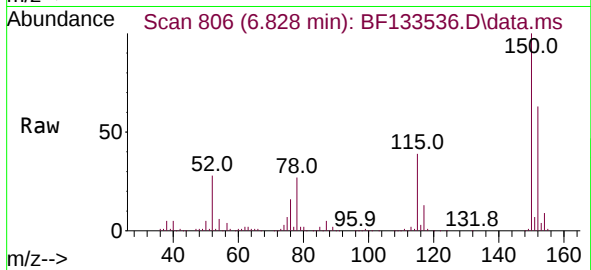




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF133536.D
Acq: 31 May 2023 12:58

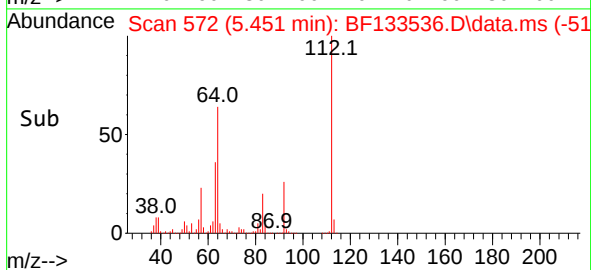
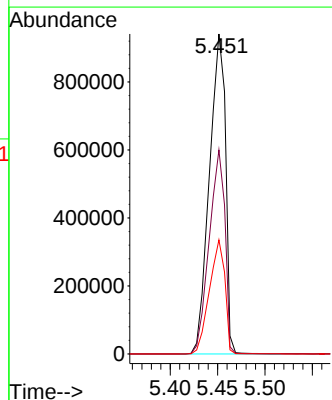
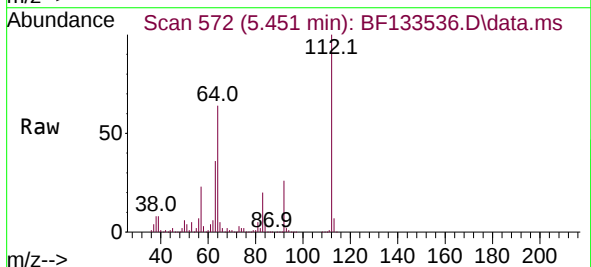
Instrument :
BNA_F
ClientSampleId :
PB153095BL

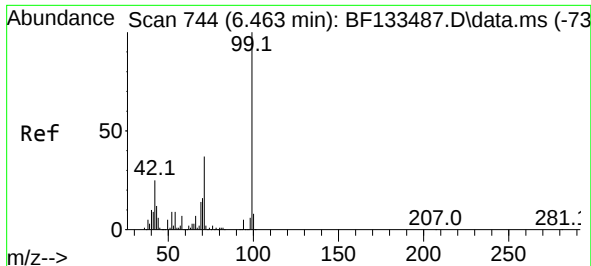
Tgt Ion:152 Resp: 147286
Ion Ratio Lower Upper
152 100
150 157.8 124.9 187.3
115 61.9 48.1 72.1



#5
2-Fluorophenol
Concen: 126.246 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF133536.D
Acq: 31 May 2023 12:58

Tgt Ion:112 Resp: 1114452
Ion Ratio Lower Upper
112 100
64 63.8 50.1 75.1
63 35.6 27.5 41.3



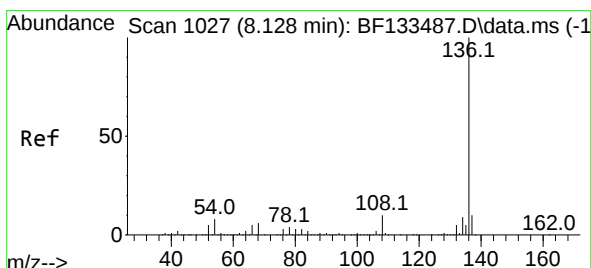
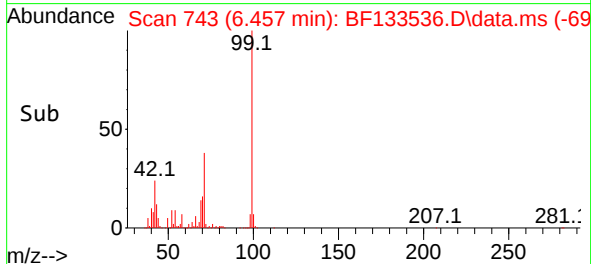
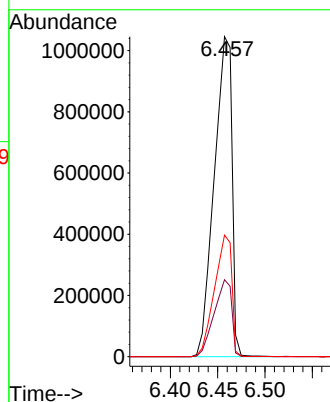
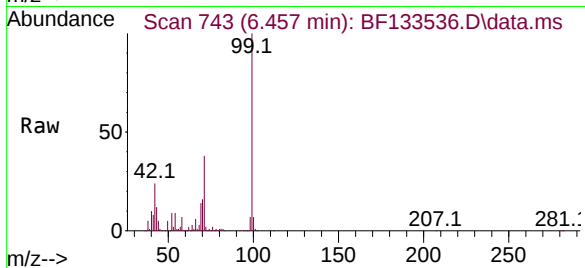


#7
Phenol-d6
Concen: 125.397 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133536.D
Acq: 31 May 2023 12:58

Instrument :
BNA_F
ClientSampleId :
PB153095BL

Tgt Ion: 99 Resp: 1362675

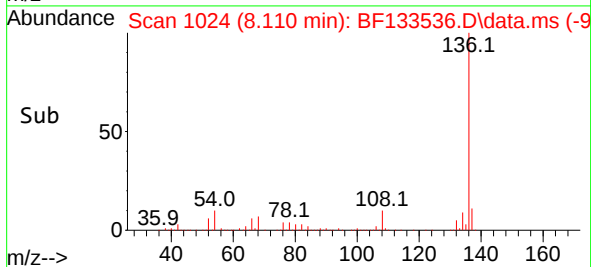
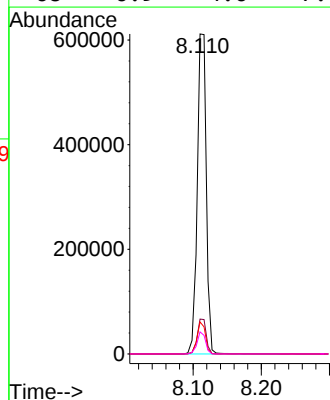
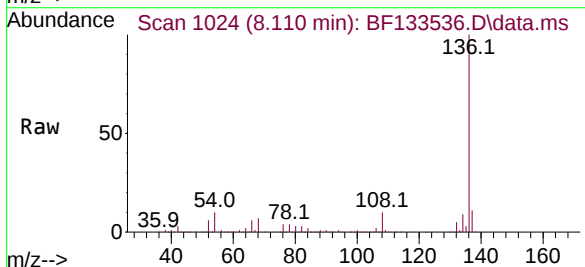
Ion	Ratio	Lower	Upper
99	100		
42	24.0	19.7	29.5
71	38.0	29.8	44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133536.D
Acq: 31 May 2023 12:58

Tgt Ion: 136 Resp: 563388

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	10.0	6.6	10.0
68	6.9	4.6	7.0





#23

Nitrobenzene-d5

Concen: 103.644 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133536.D

Acq: 31 May 2023 12:58

Instrument :

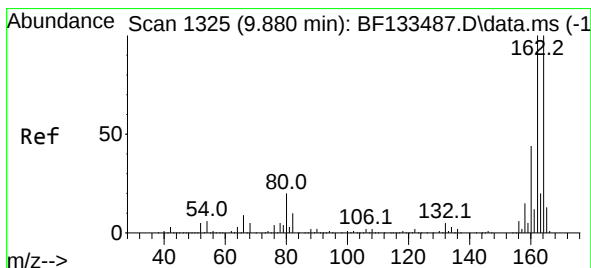
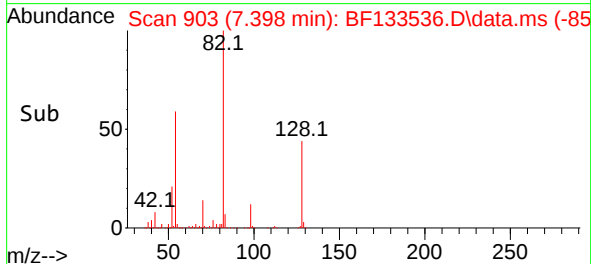
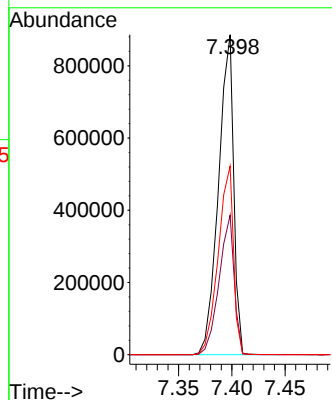
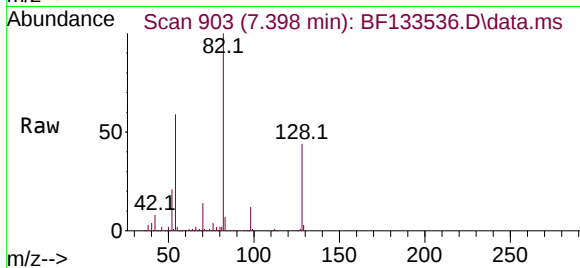
BNA_F

ClientSampleId :

PB153095BL

Tgt Ion: 82 Resp: 874539

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.2	51.4
54	59.0	48.2	72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

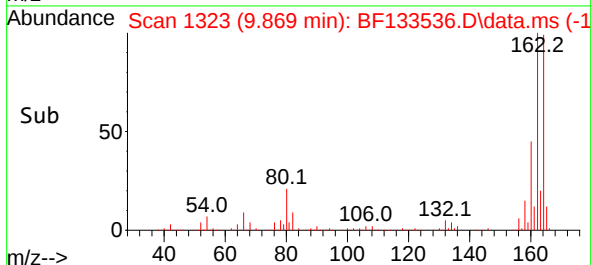
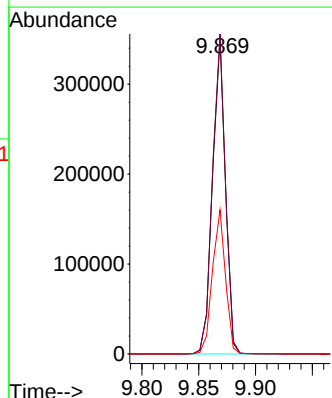
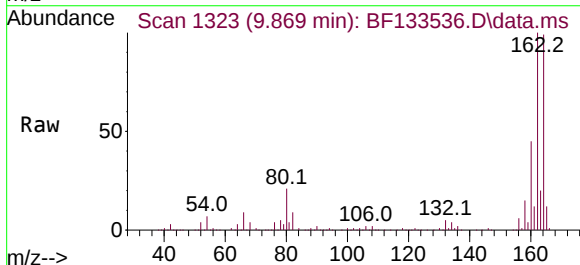
Delta R.T. -0.006 min

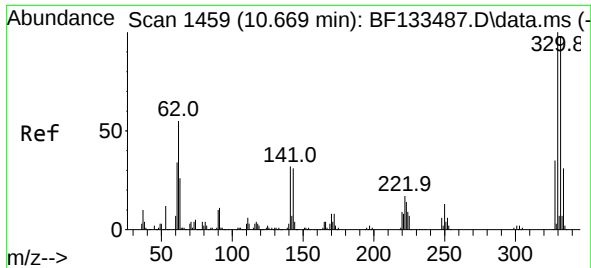
Lab File: BF133536.D

Acq: 31 May 2023 12:58

Tgt Ion: 164 Resp: 276086

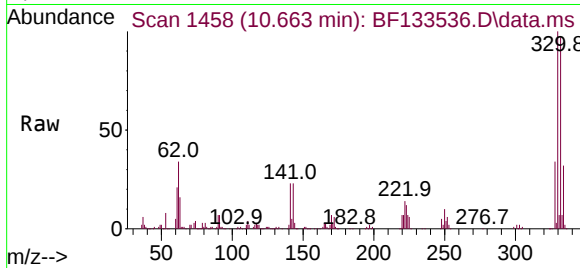
Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.7	119.5
160	45.6	35.4	53.0



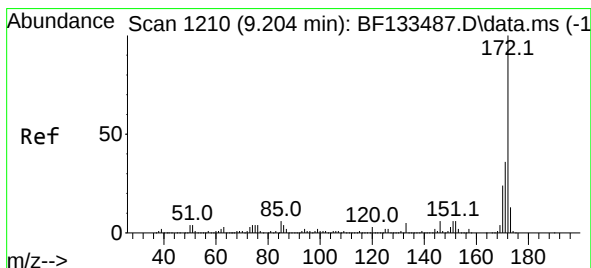
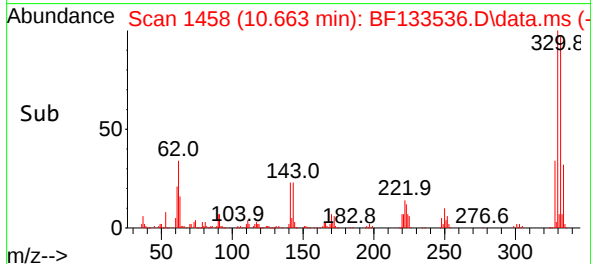
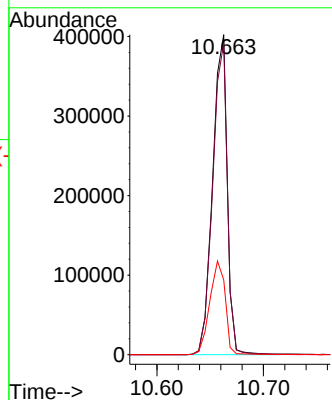


#42
2,4,6-Tribromophenol
Concen: 139.129 ng
RT: 10.663 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF133536.D
Acq: 31 May 2023 12:58

Instrument :
BNA_F
ClientSampleId :
PB153095BL

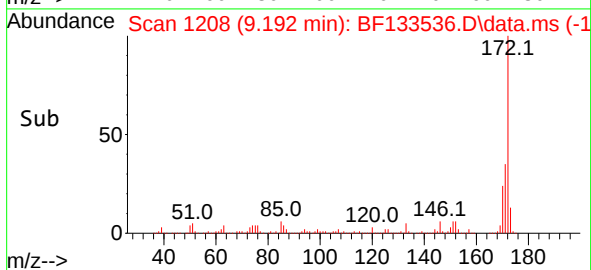
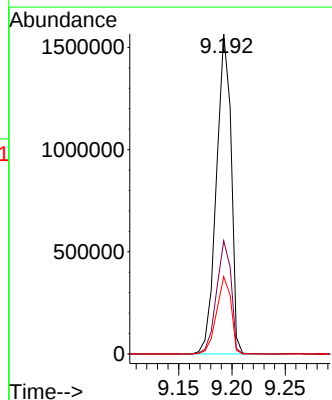
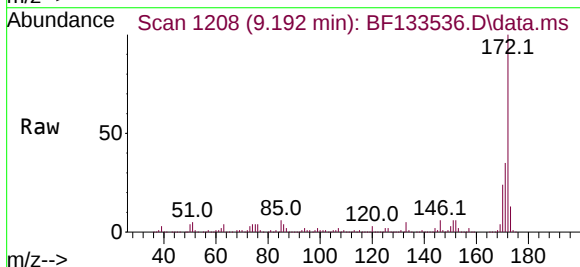


Tgt Ion:330 Resp: 382893
Ion Ratio Lower Upper
330 100
332 97.6 77.8 116.6
141 31.2 26.6 40.0



#45
2-Fluorobiphenyl
Concen: 83.643 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF133536.D
Acq: 31 May 2023 12:58

Tgt Ion:172 Resp: 1496191
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 24.1 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: BF133536.D

Acq: 31 May 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB153095BL

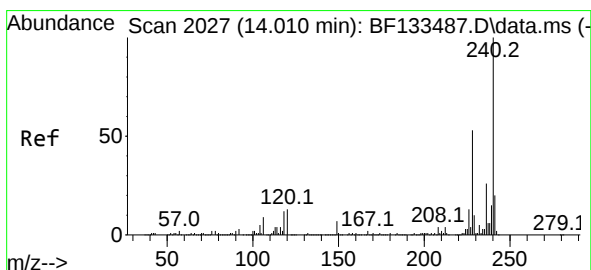
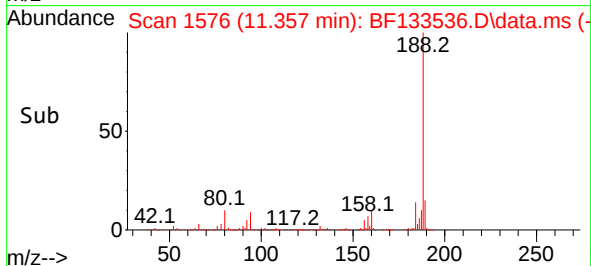
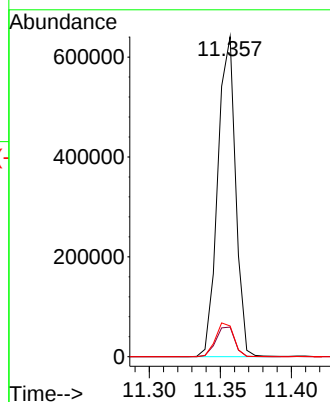
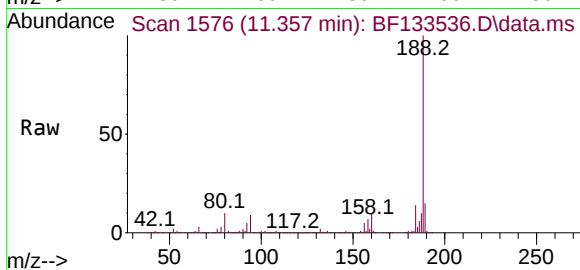
Tgt Ion:188 Resp: 559417

Ion Ratio Lower Upper

188 100

94 9.2 8.6 12.8

80 9.6 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.012 min

Lab File: BF133536.D

Acq: 31 May 2023 12:58

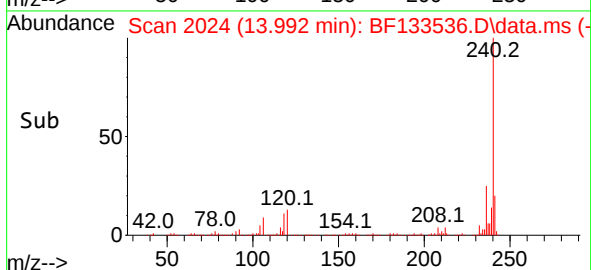
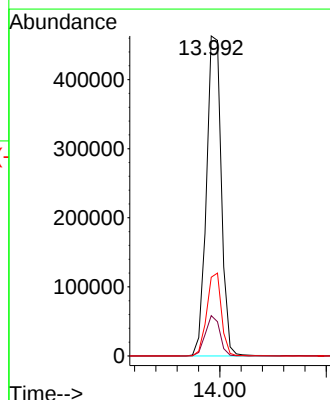
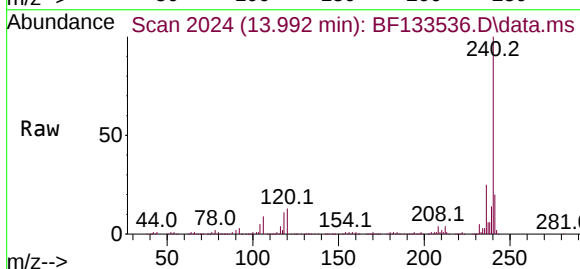
Tgt Ion:240 Resp: 450392

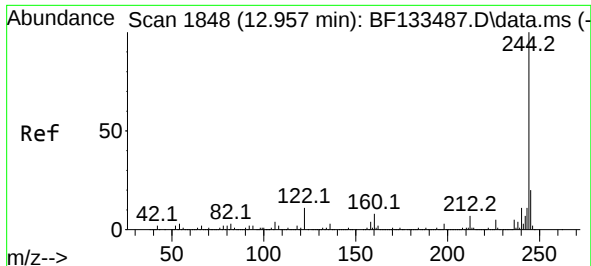
Ion Ratio Lower Upper

240 100

120 12.6 10.3 15.5

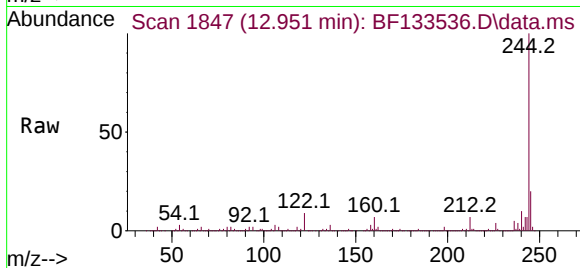
236 24.6 20.5 30.7



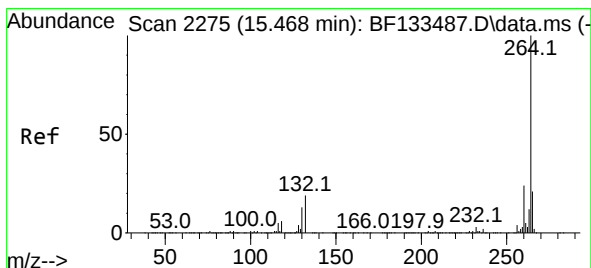
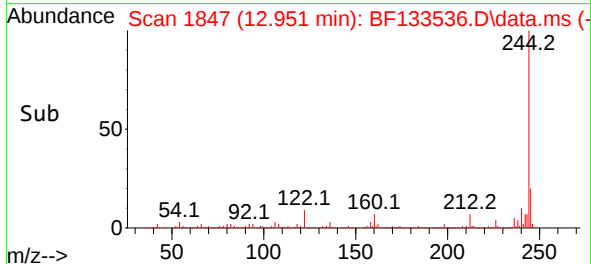
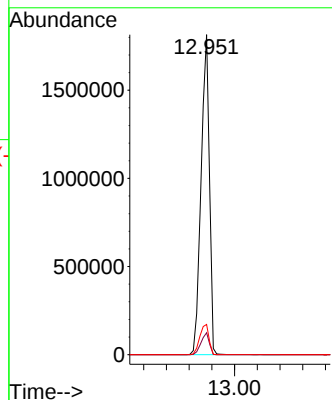


#79
 Terphenyl-d14
 Concen: 72.938 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.000 min
 Lab File: BF133536.D
 Acq: 31 May 2023 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PB153095BL



Tgt Ion:244 Resp: 1847646
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 9.4 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF133536.D
 Acq: 31 May 2023 12:58

Tgt Ion:264 Resp: 457454
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 21.3 16.8 25.2

