

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052623\
 Data File : BF133501.D
 Acq On : 26 May 2023 13:37
 Operator : CG\JU
 Sample : PB153070BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153070BL

Quant Time: May 27 01:08:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 23:30:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	143036	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	555663	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	281260	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	566963	20.000	ng	0.00
76) Chrysene-d12	14.004	240	454240	20.000	ng	0.00
86) Perylene-d12	15.468	264	483792	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1026263	119.710	ng	0.01
7) Phenol-d6	6.463	99	1261833	119.567	ng	0.00
23) Nitrobenzene-d5	7.404	82	822313	98.809	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	372528	132.873	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1449639	79.550	ng	0.00
79) Terphenyl-d14	12.962	244	1838262	71.953	ng	0.00

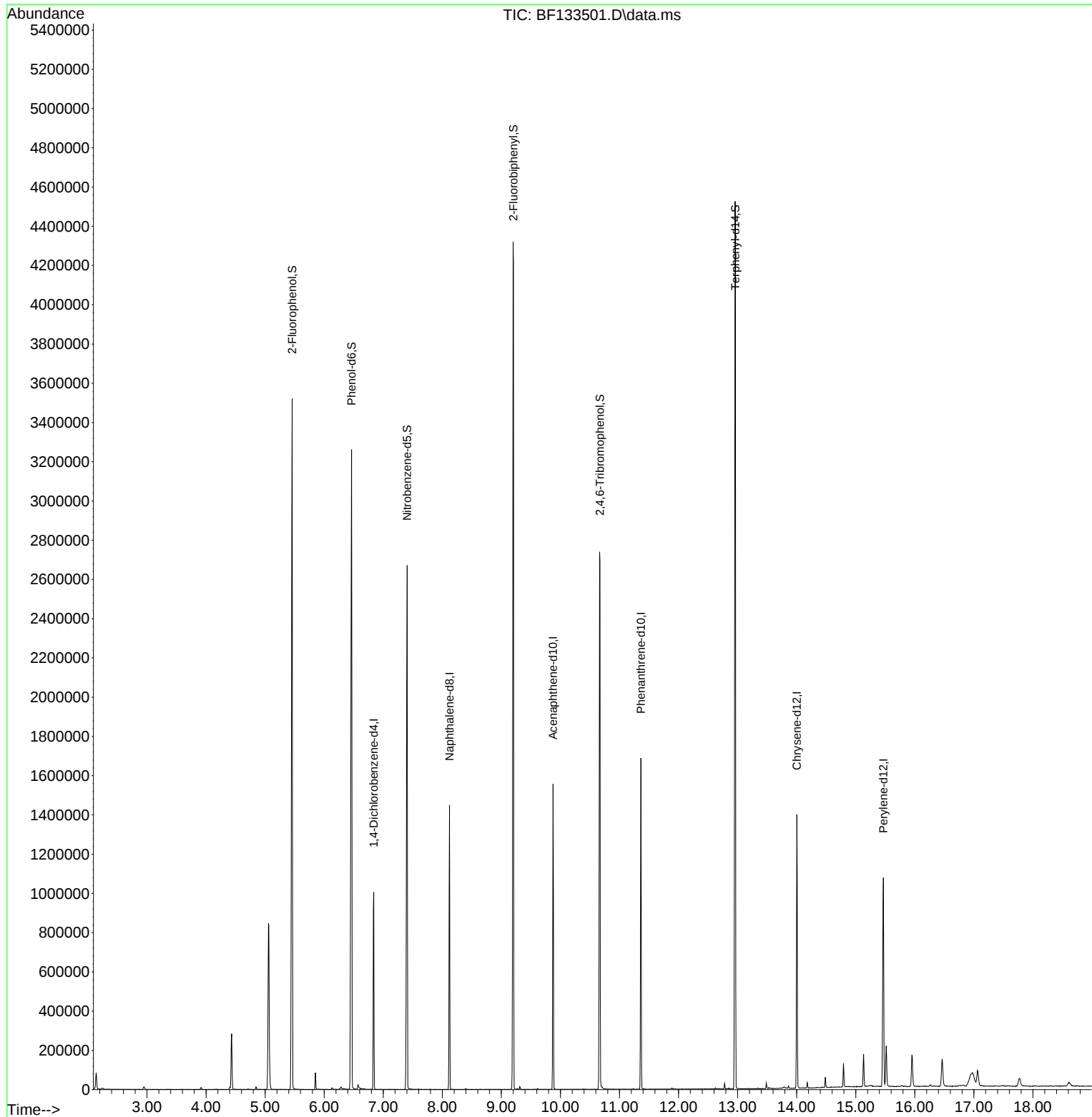
Target Compounds	Qvalue

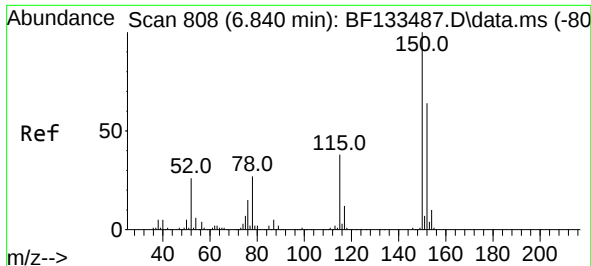
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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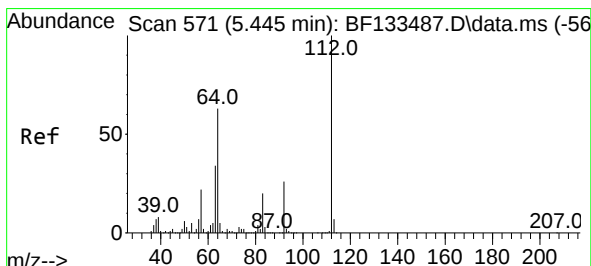
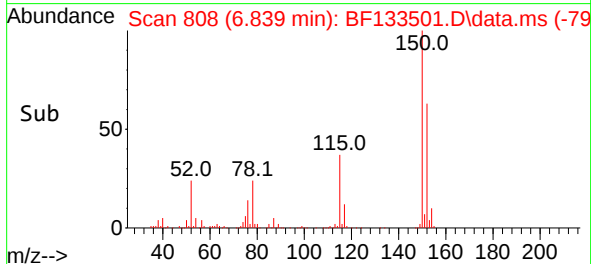
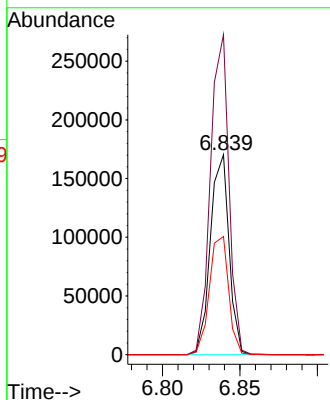
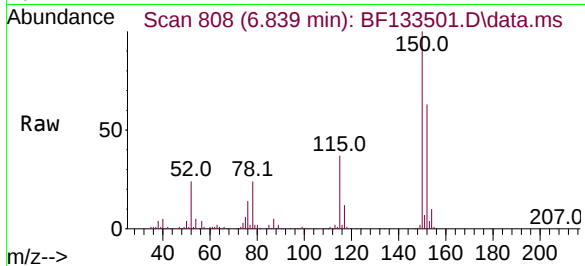




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 80
 Delta R.T. -0.001 min
 Lab File: BF133501.D
 Acq: 26 May 2023 13:37

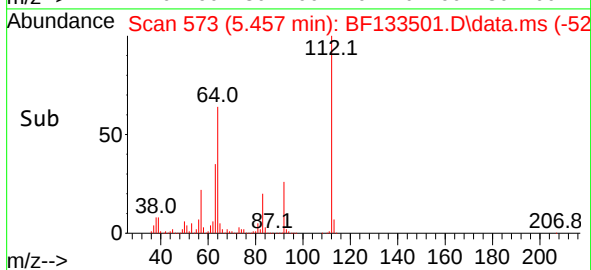
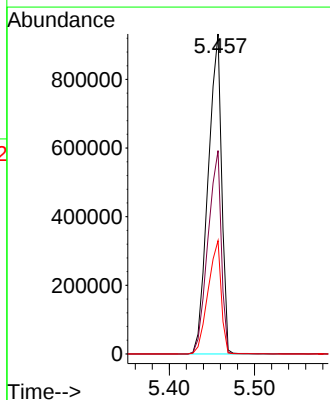
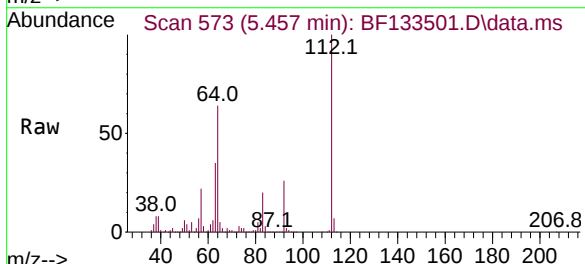
Instrument :
 BNA_F
 ClientSampleId :
 PB153070BL

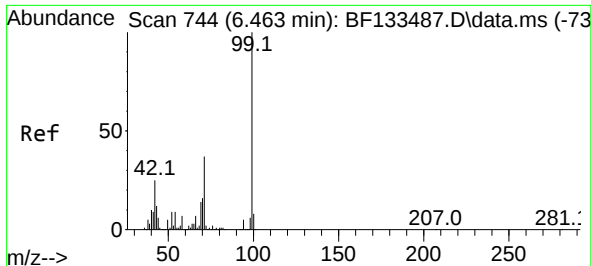
Tgt Ion:152 Resp: 143036
 Ion Ratio Lower Upper
 152 100
 150 159.9 124.9 187.3
 115 59.1 48.1 72.1



#5
 2-Fluorophenol
 Concen: 119.710 ng
 RT: 5.457 min Scan# 573
 Delta R.T. 0.012 min
 Lab File: BF133501.D
 Acq: 26 May 2023 13:37

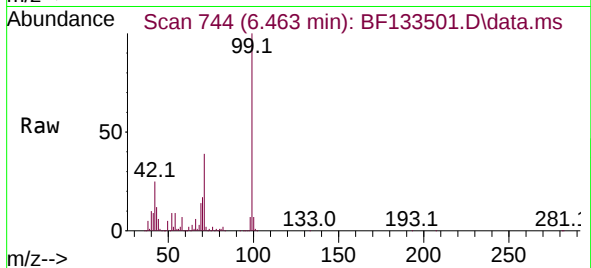
Tgt Ion:112 Resp: 1026263
 Ion Ratio Lower Upper
 112 100
 64 63.5 50.1 75.1
 63 35.4 27.5 41.3





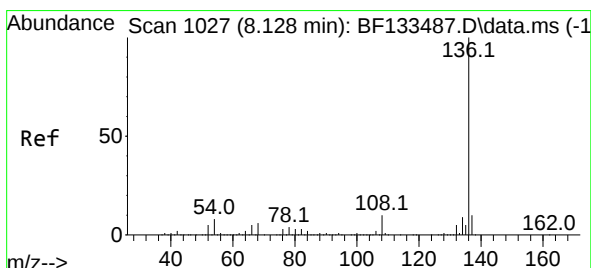
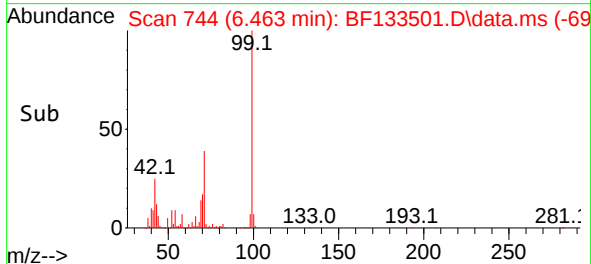
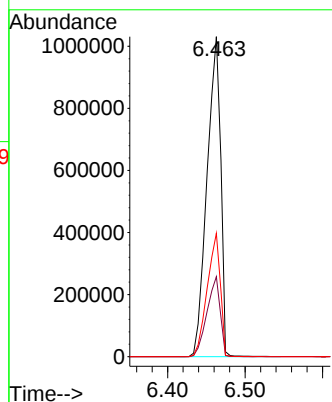
#7
Phenol-d6
Concen: 119.567 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF133501.D
Acq: 26 May 2023 13:37

Instrument :
BNA_F
ClientSampleId :
PB153070BL



Tgt Ion: 99 Resp: 1261833

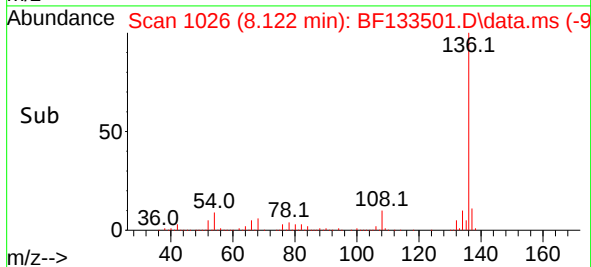
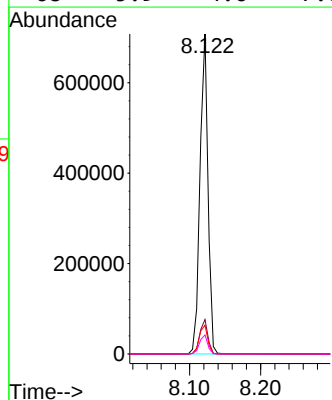
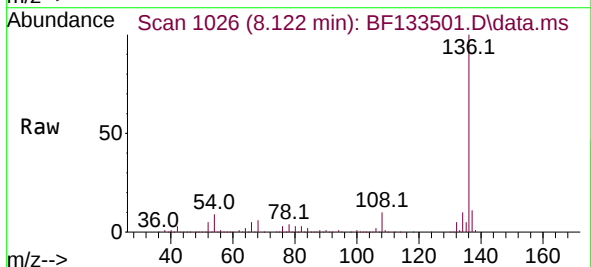
Ion	Ratio	Lower	Upper
99	100		
42	25.0	19.7	29.5
71	38.6	29.8	44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133501.D
Acq: 26 May 2023 13:37

Tgt Ion: 136 Resp: 555663

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	9.0	6.6	10.0
68	5.9	4.6	7.0





#23

Nitrobenzene-d5

Concen: 98.809 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF133501.D

Acq: 26 May 2023 13:37

Instrument :

BNA_F

ClientSampleId :

PB153070BL

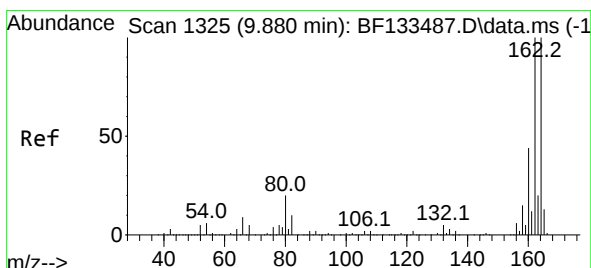
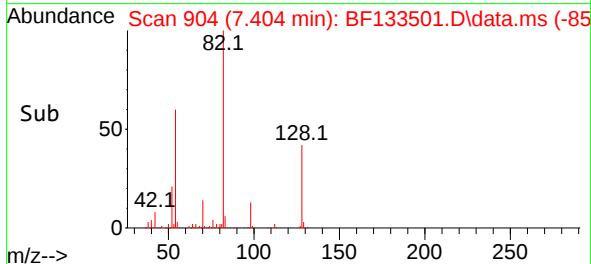
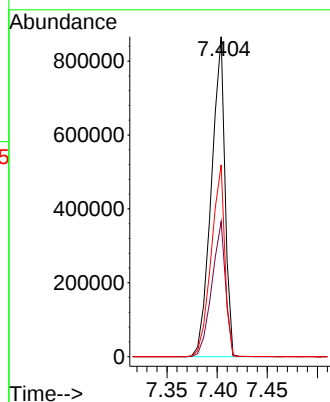
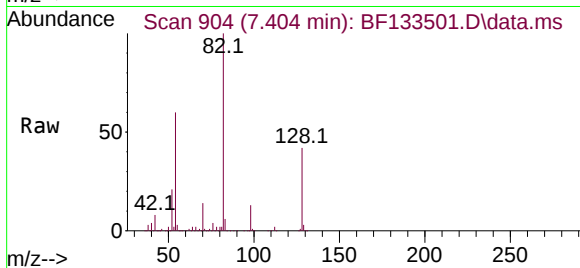
Tgt Ion: 82 Resp: 822313

Ion Ratio Lower Upper

82 100

128 42.3 34.2 51.4

54 59.9 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.874 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF133501.D

Acq: 26 May 2023 13:37

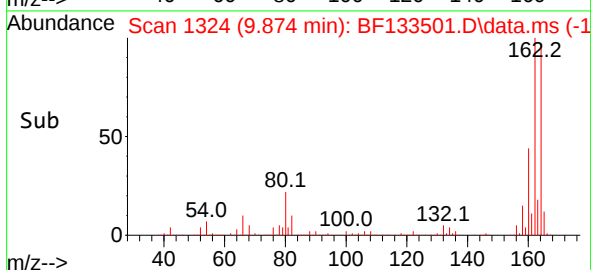
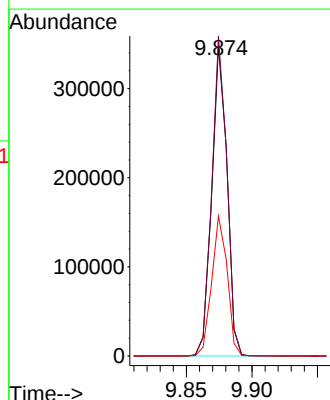
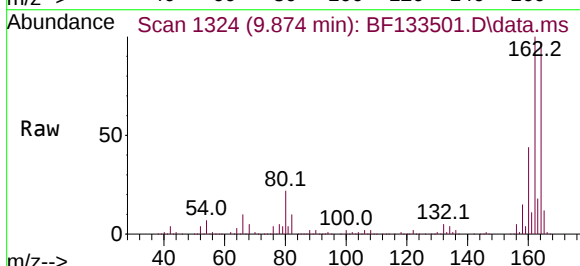
Tgt Ion: 164 Resp: 281260

Ion Ratio Lower Upper

164 100

162 103.4 79.7 119.5

160 45.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 132.873 ng

RT: 10.669 min Scan# 1459

Delta R.T. -0.000 min

Lab File: BF133501.D

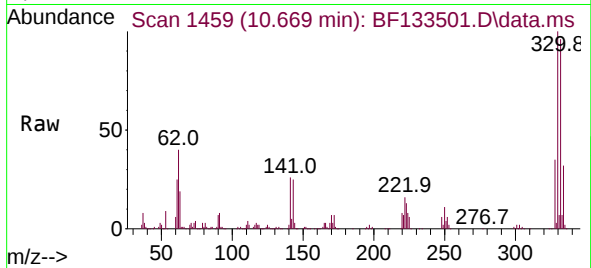
Acq: 26 May 2023 13:37

Instrument :

BNA_F

ClientSampleId :

PB153070BL



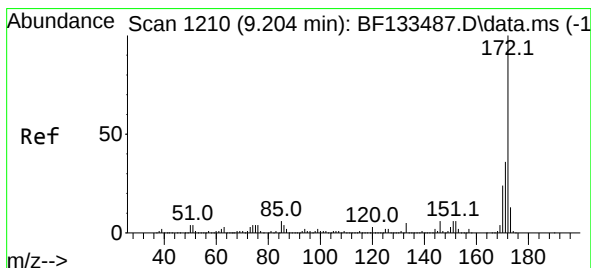
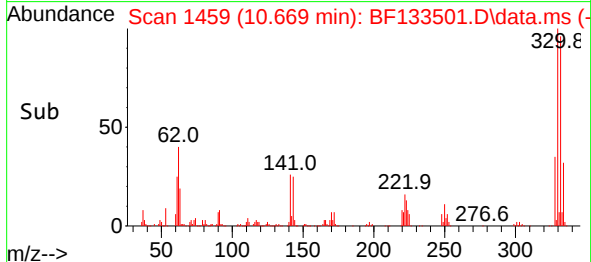
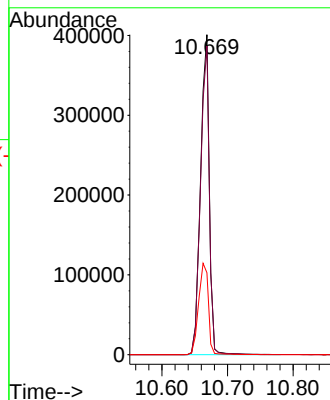
Tgt Ion:330 Resp: 372528

Ion Ratio Lower Upper

330 100

332 97.4 77.8 116.6

141 31.9 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 79.550 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF133501.D

Acq: 26 May 2023 13:37

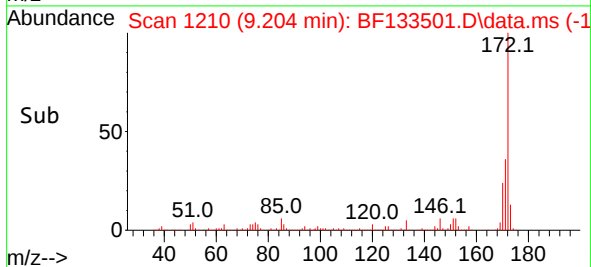
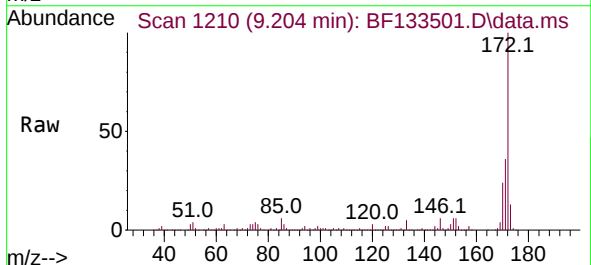
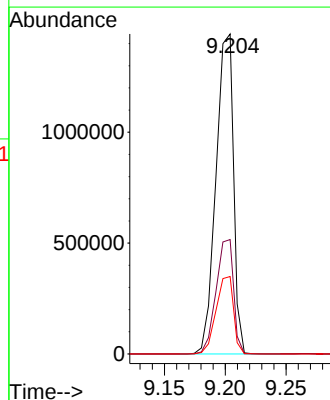
Tgt Ion:172 Resp: 1449639

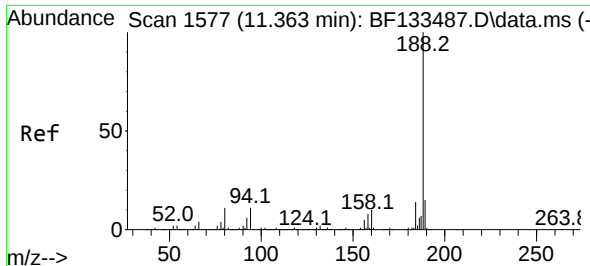
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.2 19.3 28.9

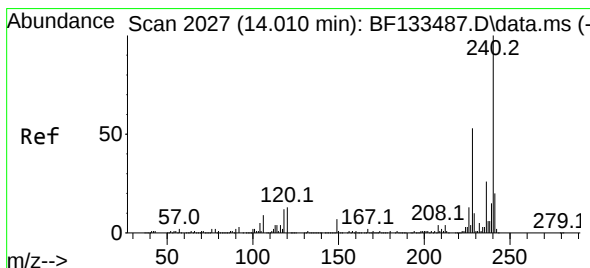
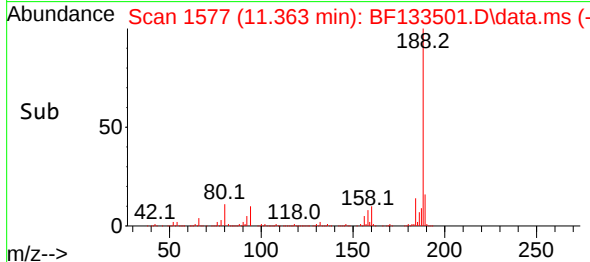
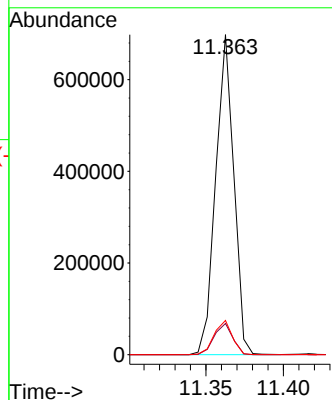
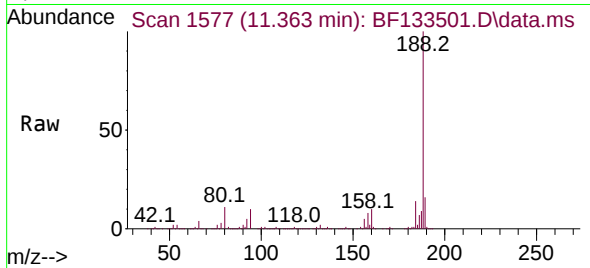




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133501.D
Acq: 26 May 2023 13:37

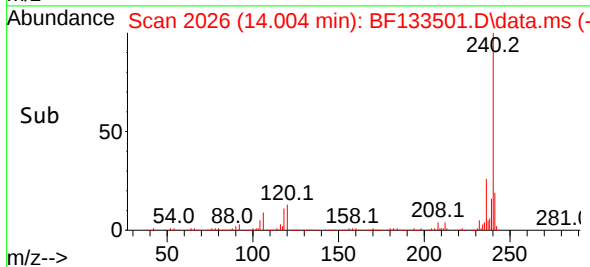
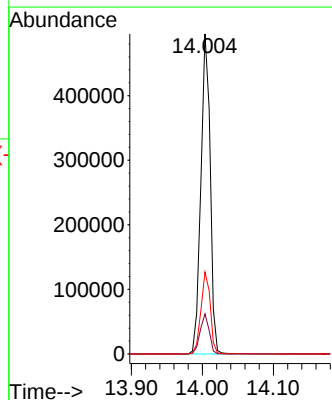
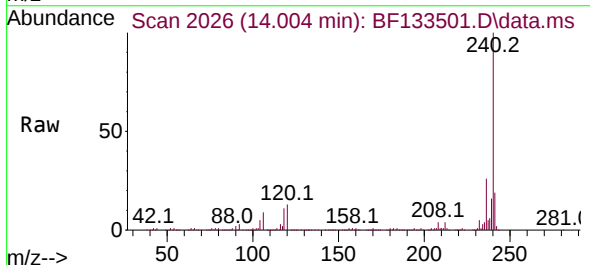
Instrument :
BNA_F
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PB153070BL

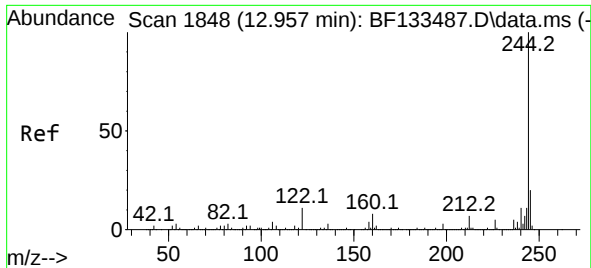
Tgt Ion:188 Resp: 566963
Ion Ratio Lower Upper
188 100
94 9.7 8.6 12.8
80 10.7 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF133501.D
Acq: 26 May 2023 13:37

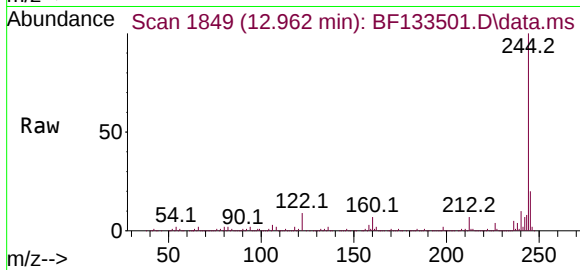
Tgt Ion:240 Resp: 454240
Ion Ratio Lower Upper
240 100
120 12.5 10.3 15.5
236 25.6 20.5 30.7



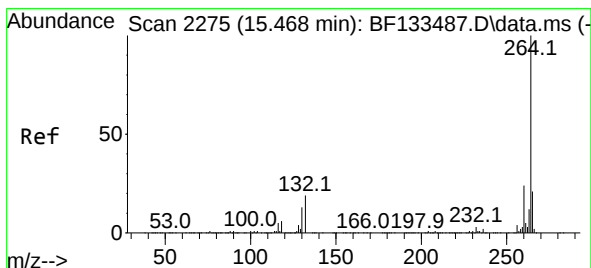
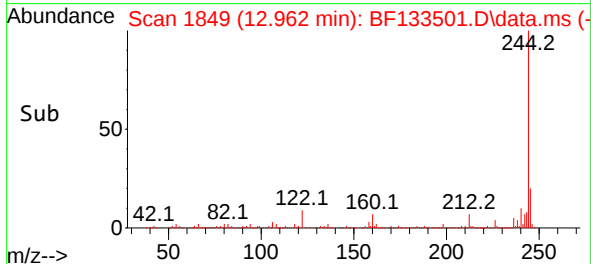
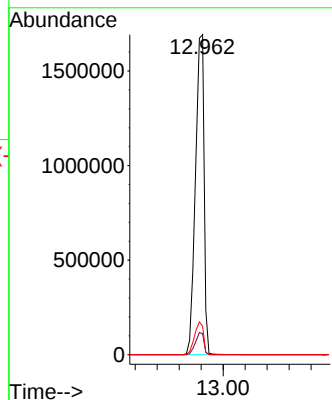


#79
 Terphenyl-d14
 Concen: 71.953 ng
 RT: 12.962 min Scan# 1849
 Delta R.T. 0.006 min
 Lab File: BF133501.D
 Acq: 26 May 2023 13:37

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1838262
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 8.9 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. -0.000 min
 Lab File: BF133501.D
 Acq: 26 May 2023 13:37

Tgt Ion:264 Resp: 483792
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 21.0 16.8 25.2

