

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052623\
 Data File : BF133510.D
 Acq On : 26 May 2023 21:06
 Operator : CG\JU
 Sample : 02899-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP01

Quant Time: May 27 01:12:14 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	6.834	152	134561	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	505899	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	236978	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	458860	20.000	ng	0.00
76) Chrysene-d12	14.004	240	294914	20.000	ng	0.00
86) Perylene-d12	15.463	264	249104	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	301322	37.362	ng	0.00
7) Phenol-d6	6.451	99	218310	21.989	ng	-0.01
23) Nitrobenzene-d5	7.404	82	748733	98.818	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	204332	86.499	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1259618	82.039	ng	0.00
79) Terphenyl-d14	12.957	244	1314849	79.270	ng	0.00

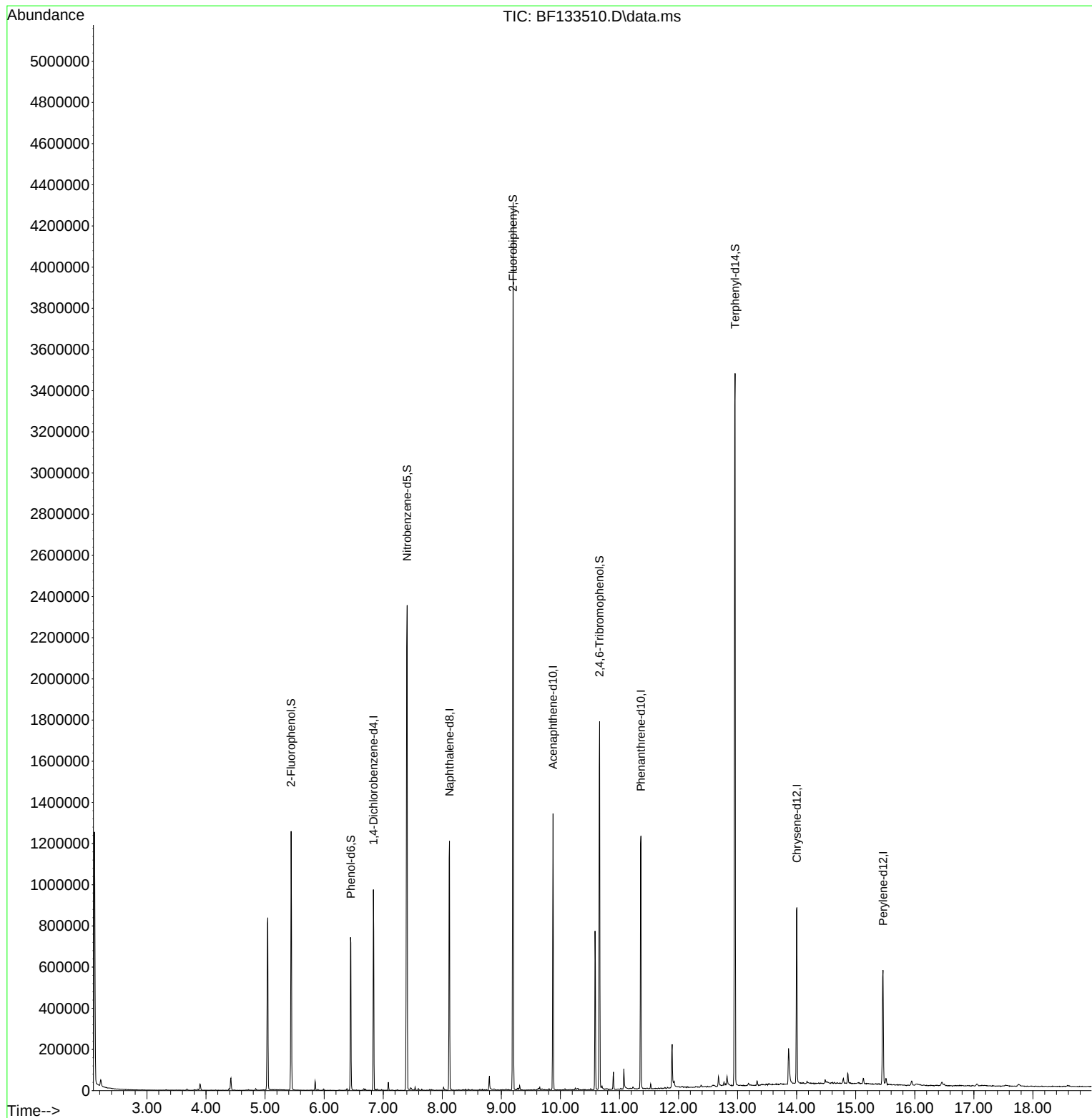
Target Compounds	Qvalue

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

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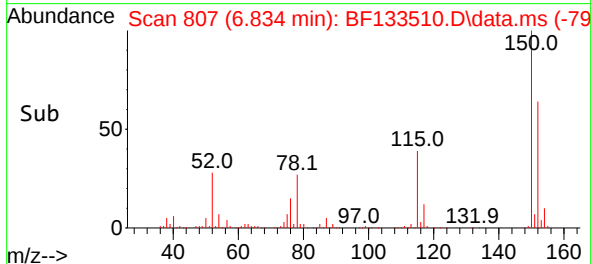
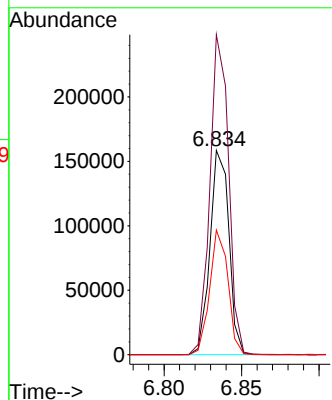
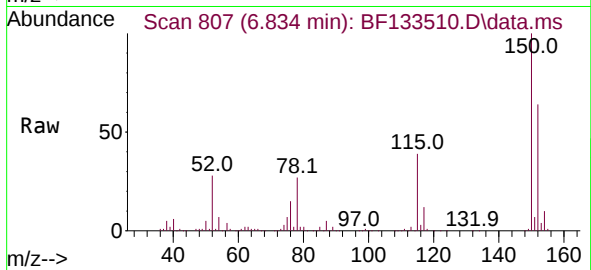




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133510.D
Acq: 26 May 2023 21:06

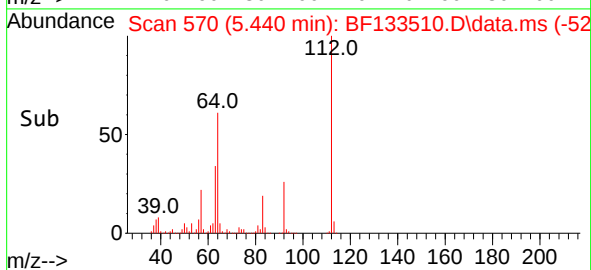
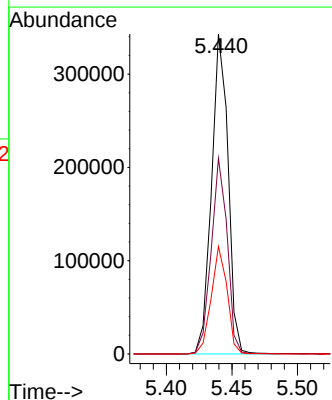
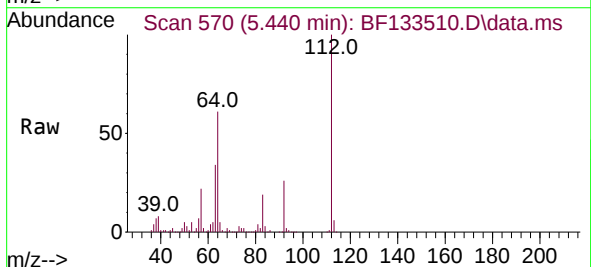
Instrument :
BNA_F
ClientSampleId :
TWP01

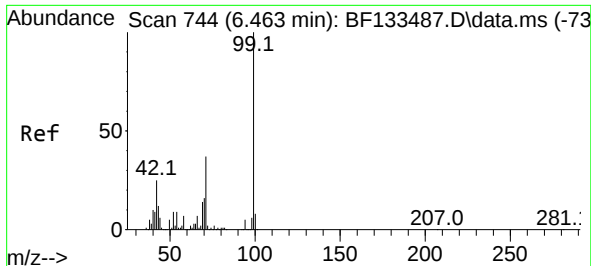
Tgt Ion:152 Resp: 134561
Ion Ratio Lower Upper
152 100
150 156.6 124.9 187.3
115 61.0 48.1 72.1



#5
2-Fluorophenol
Concen: 37.362 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.006 min
Lab File: BF133510.D
Acq: 26 May 2023 21:06

Tgt Ion:112 Resp: 301322
Ion Ratio Lower Upper
112 100
64 61.2 50.1 75.1
63 33.6 27.5 41.3

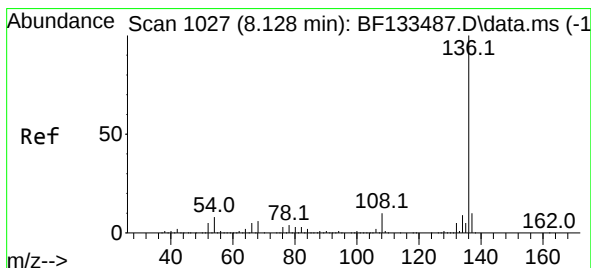
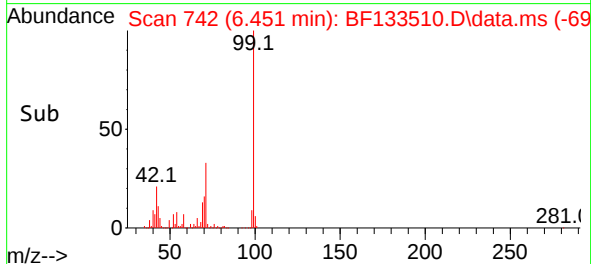
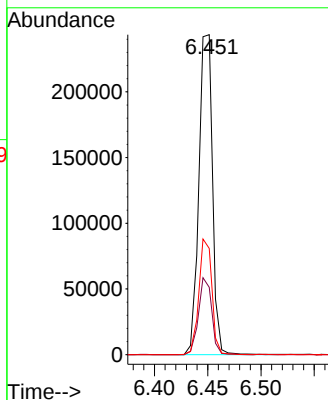
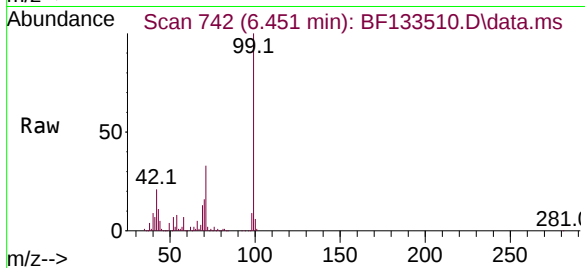




#7
Phenol-d6
Concen: 21.989 ng
RT: 6.451 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF133510.D
Acq: 26 May 2023 21:06

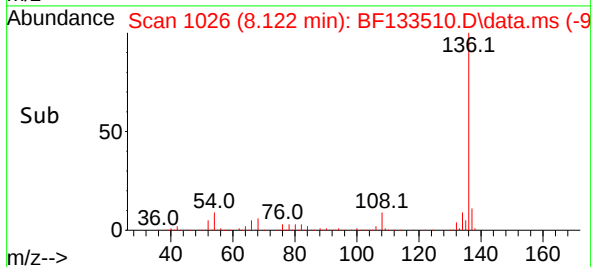
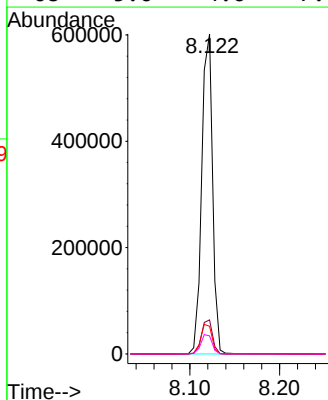
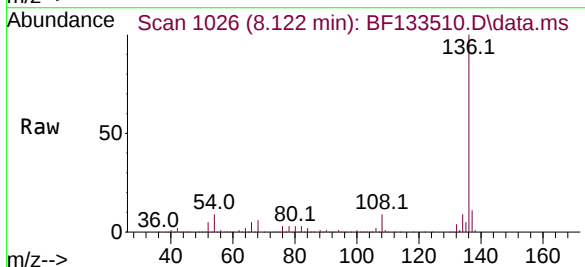
Instrument :
BNA_F
ClientSampleId :
TWP01

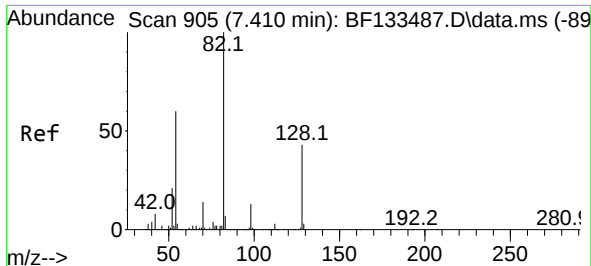
Tgt Ion: 99 Resp: 218310
Ion Ratio Lower Upper
99 100
42 21.0 19.7 29.5
71 33.2 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133510.D
Acq: 26 May 2023 21:06

Tgt Ion: 136 Resp: 505899
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.4
54 8.7 6.6 10.0
68 5.6 4.6 7.0





#23

Nitrobenzene-d5

Concen: 98.818 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF133510.D

Acq: 26 May 2023 21:06

Instrument :

BNA_F

ClientSampleId :

TWP01

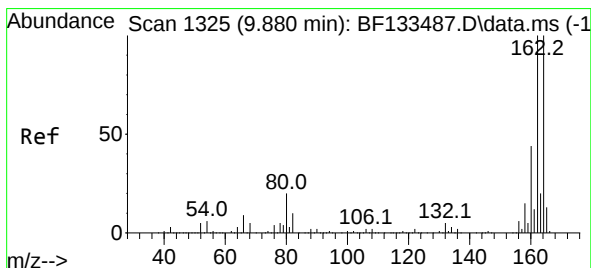
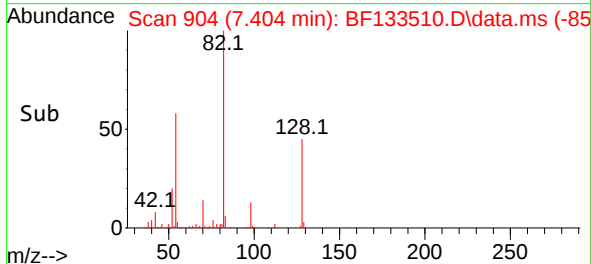
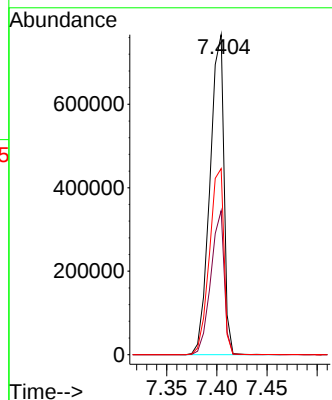
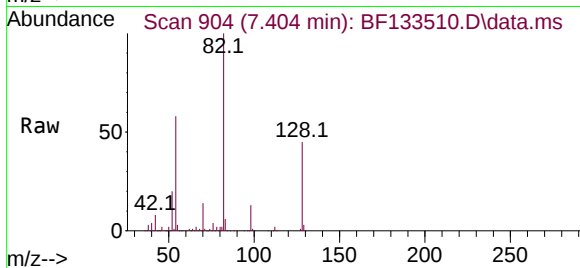
Tgt Ion: 82 Resp: 748733

Ion Ratio Lower Upper

82 100

128 45.0 34.2 51.4

54 58.1 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: BF133510.D

Acq: 26 May 2023 21:06

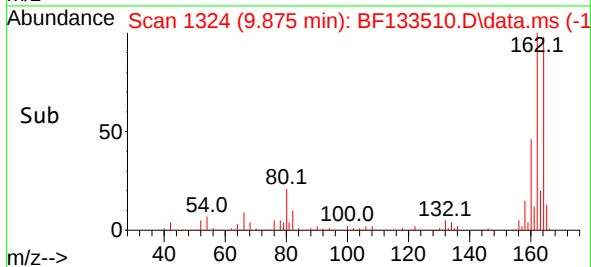
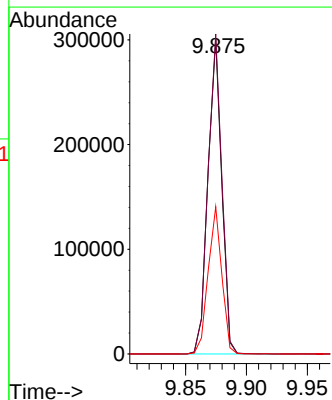
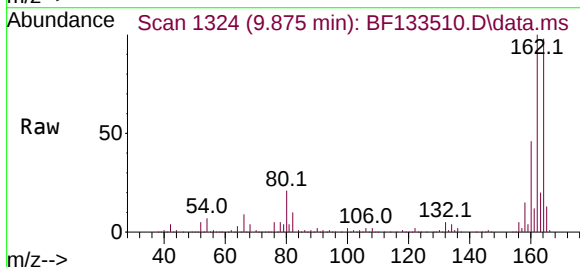
Tgt Ion:164 Resp: 236978

Ion Ratio Lower Upper

164 100

162 101.6 79.7 119.5

160 46.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 86.499 ng

RT: 10.663 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133510.D

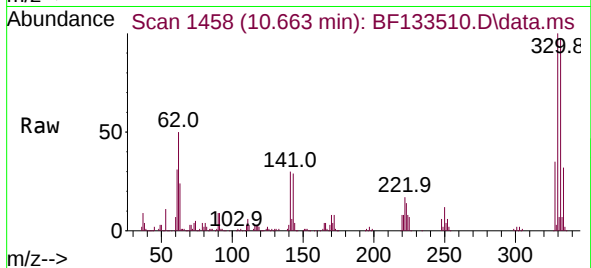
Acq: 26 May 2023 21:06

Instrument :

BNA_F

ClientSampleId :

TWP01



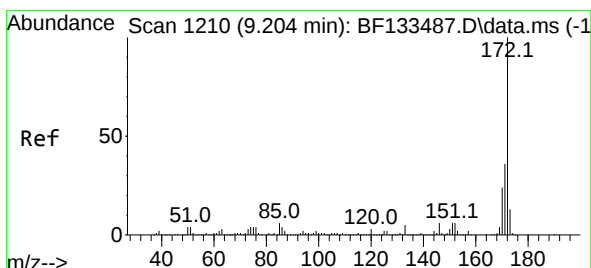
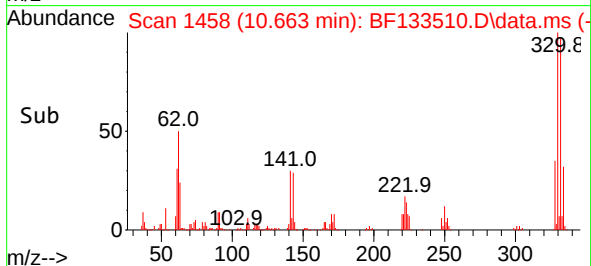
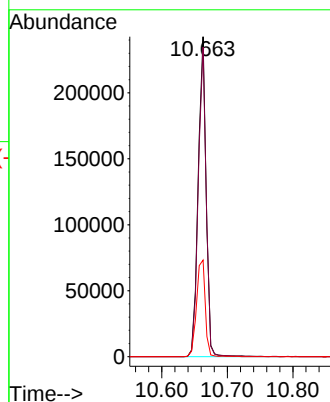
Tgt Ion:330 Resp: 204332

Ion Ratio Lower Upper

330 100

332 96.4 77.8 116.6

141 33.5 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 82.039 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF133510.D

Acq: 26 May 2023 21:06

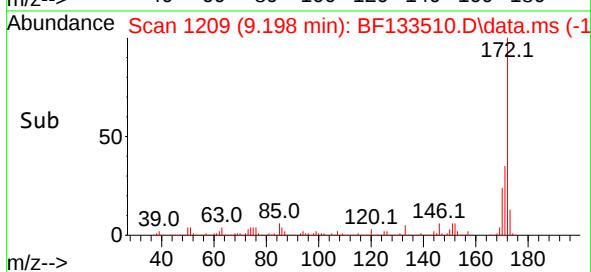
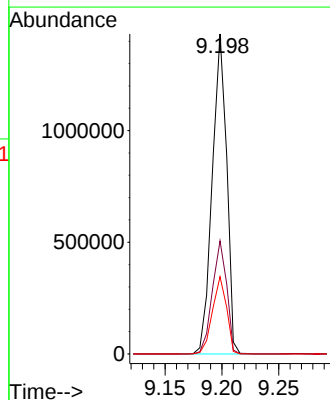
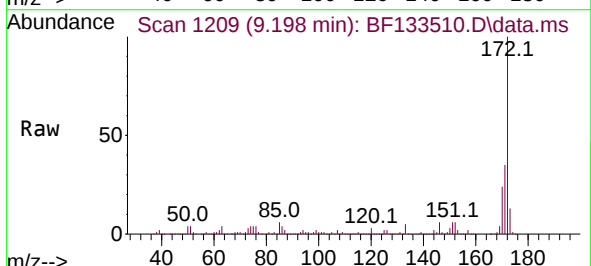
Tgt Ion:172 Resp: 1259618

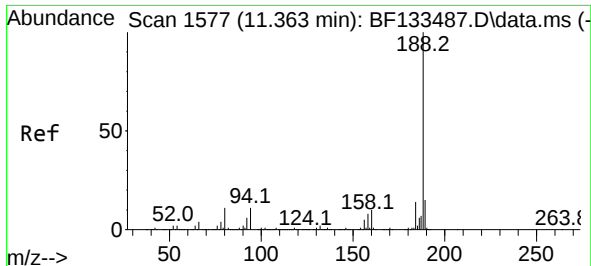
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 24.1 19.3 28.9

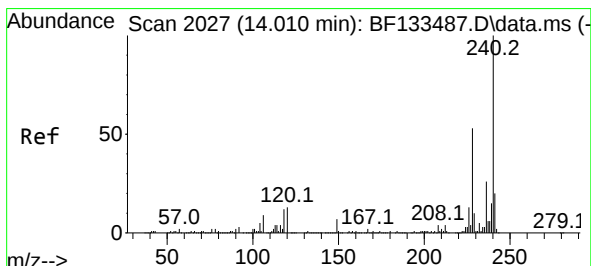
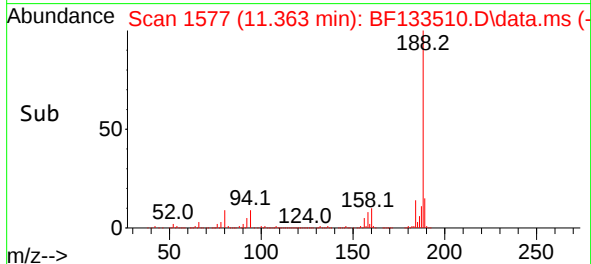
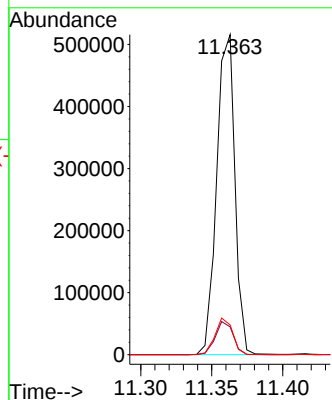
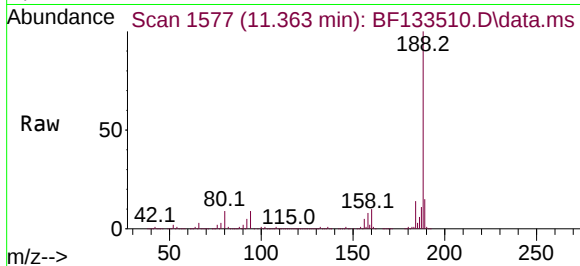




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133510.D
Acq: 26 May 2023 21:06

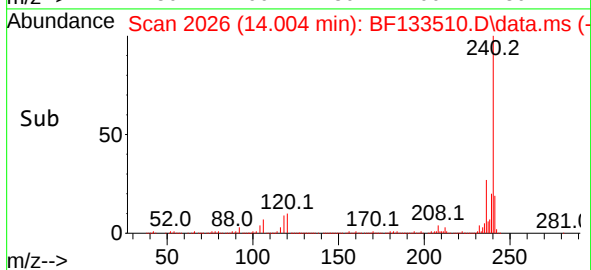
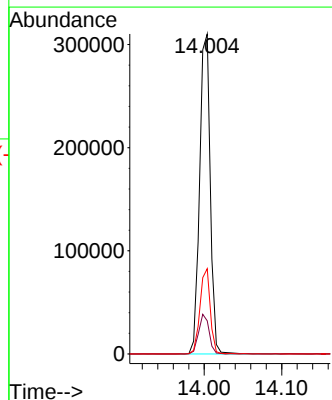
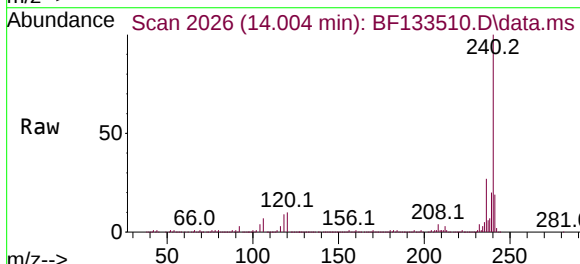
Instrument :
BNA_F
ClientSampleId :
TWP01

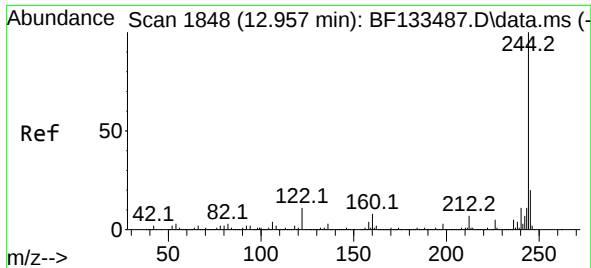
Tgt Ion:188 Resp: 458860
Ion Ratio Lower Upper
188 100
94 8.7 8.6 12.8
80 9.3 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF133510.D
Acq: 26 May 2023 21:06

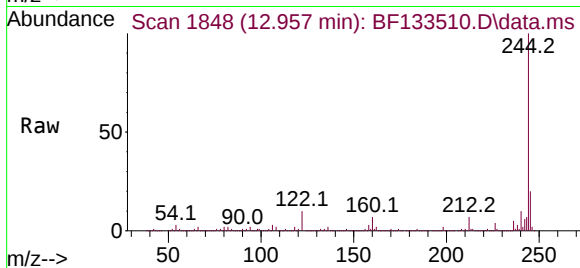
Tgt Ion:240 Resp: 294914
Ion Ratio Lower Upper
240 100
120 10.3 10.3 15.5
236 26.6 20.5 30.7





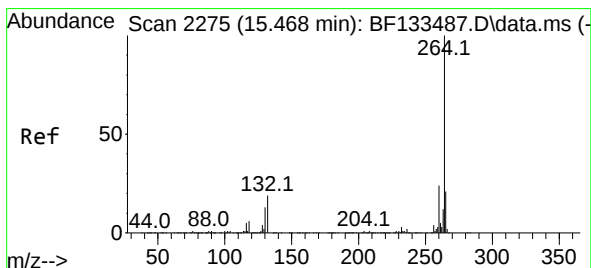
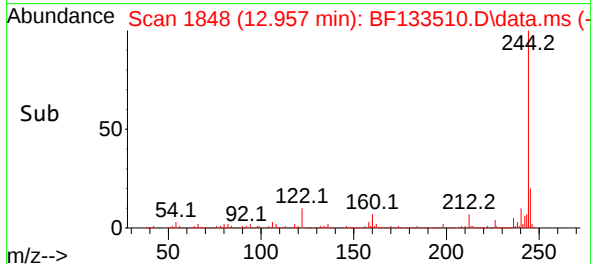
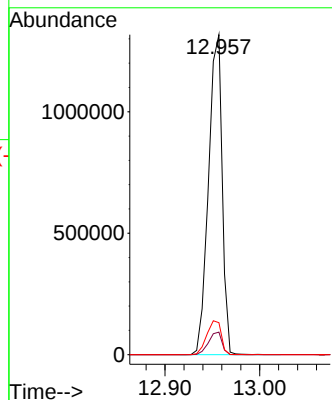
#79
 Terphenyl-d14
 Concen: 79.270 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF133510.D
 Acq: 26 May 2023 21:06

Instrument :
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 TWP01



Tgt Ion:244 Resp: 1314849

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	10.0	8.5	12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF133510.D
 Acq: 26 May 2023 21:06

Tgt Ion:264 Resp: 249104

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	21.6	16.8	25.2

