

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
 Data File : BF133976.D
 Acq On : 27 Jun 2023 06:21
 Operator : CG\JU
 Sample : 03337-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-17

Quant Time: Jun 27 06:42:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	91822	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	317858	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	130348	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	245832	20.000	ng	0.00
76) Chrysene-d12	14.039	240	173127	20.000	ng	0.00
86) Perylene-d12	15.545	264	136863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	772195	140.675	ng	0.02
7) Phenol-d6	6.492	99	957930	141.902	ng	0.00
23) Nitrobenzene-d5	7.416	82	576120	97.704	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	215956	132.139	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	955054	106.526	ng	0.00
79) Terphenyl-d14	12.980	244	1131018	105.141	ng	0.00

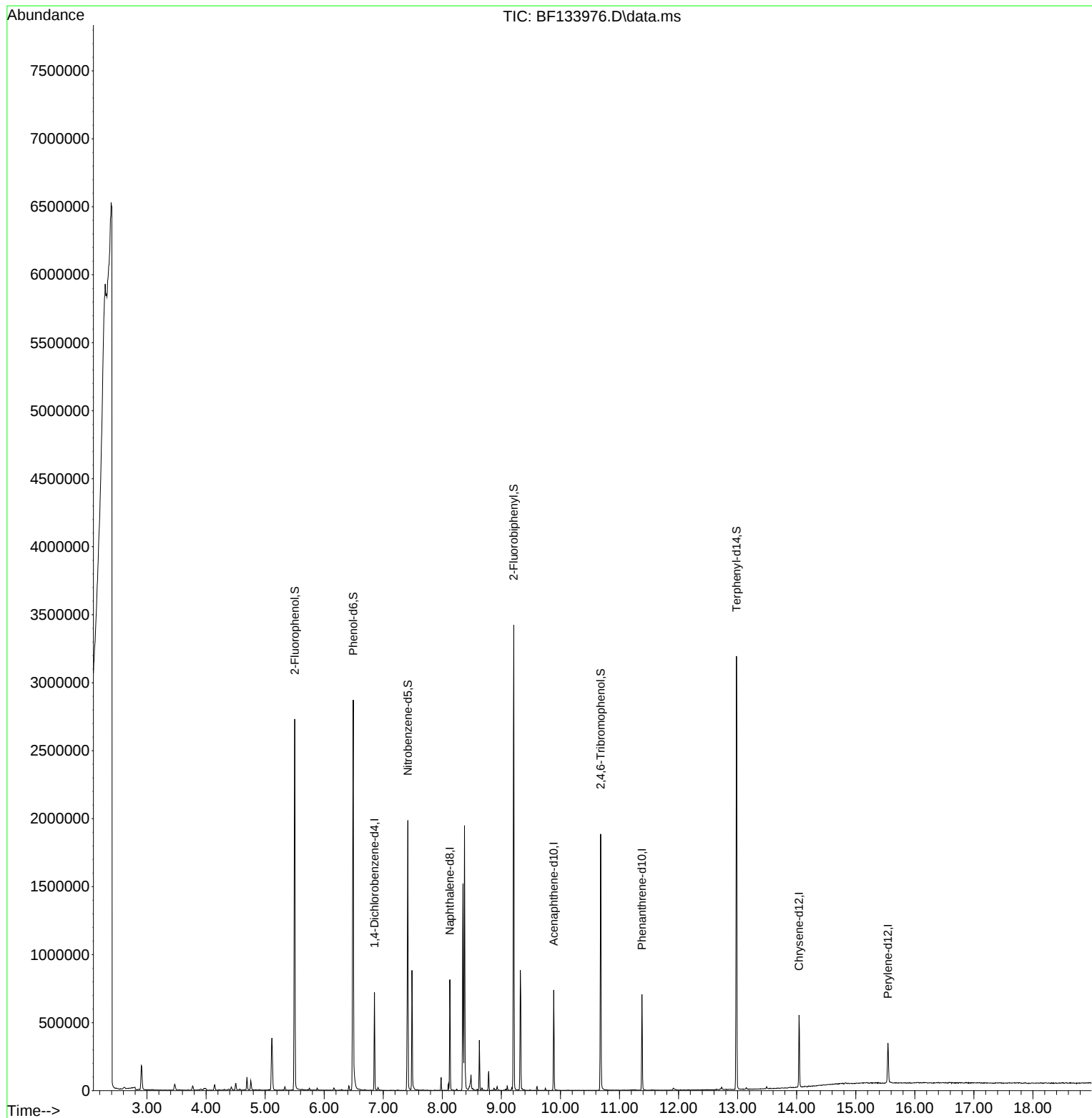
Target Compounds	Qvalue

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

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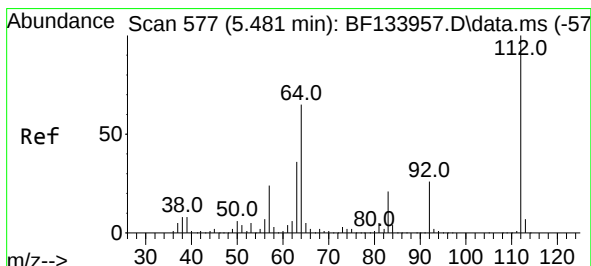
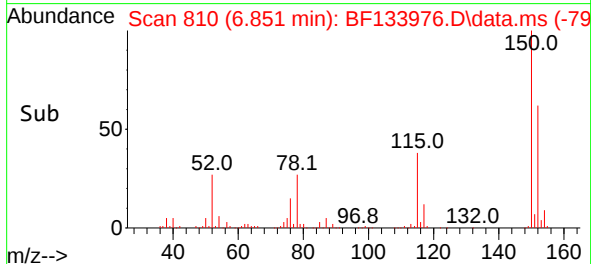
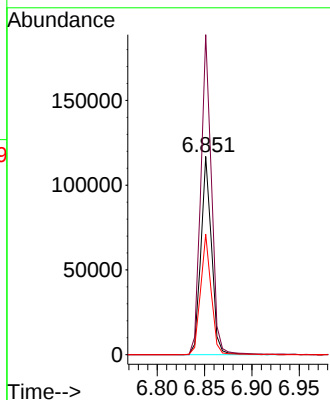
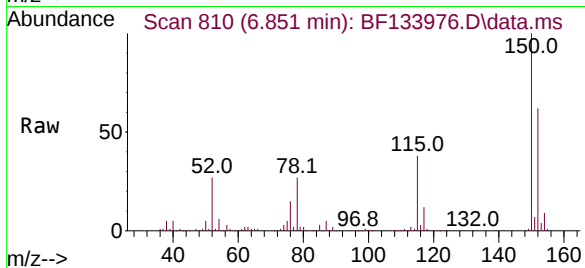




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133976.D
Acq: 27 Jun 2023 06:21

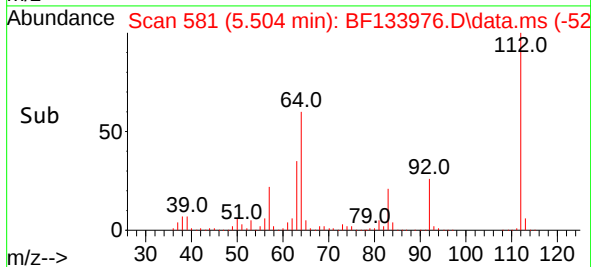
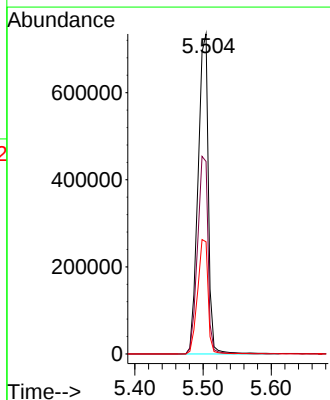
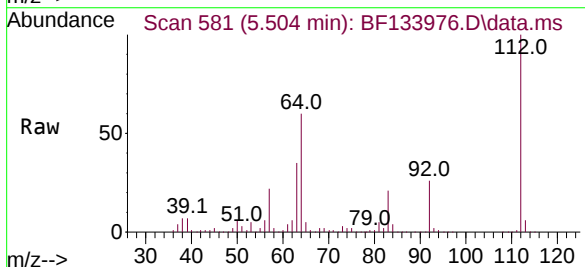
Instrument :
BNA_F
ClientSampleId :
WC-17

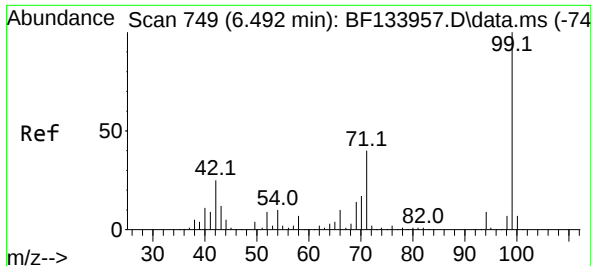
Tgt Ion:152 Resp: 91822
Ion Ratio Lower Upper
152 100
150 161.4 124.5 186.7
115 60.8 50.2 75.2



#5
2-Fluorophenol
Concen: 140.675 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.024 min
Lab File: BF133976.D
Acq: 27 Jun 2023 06:21

Tgt Ion:112 Resp: 772195
Ion Ratio Lower Upper
112 100
64 60.2 52.1 78.1
63 35.1 28.6 42.8

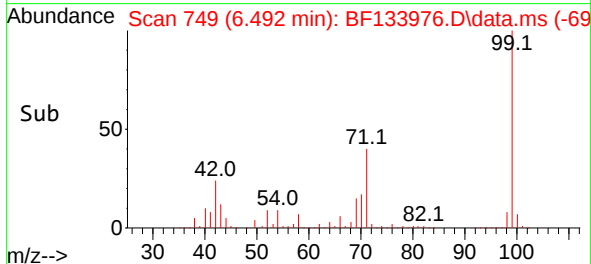
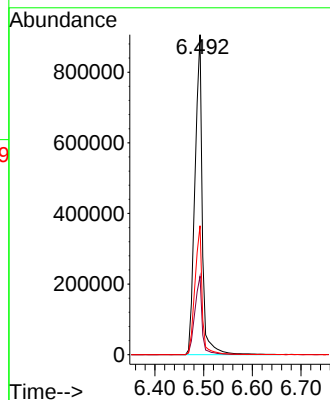
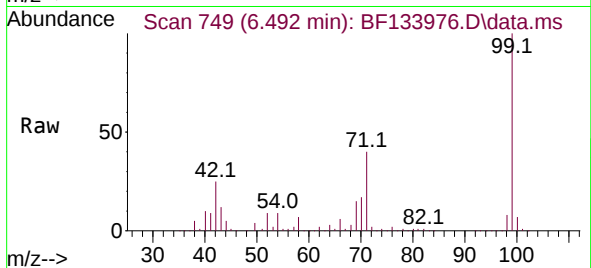




#7
Phenol-d6
Concen: 141.902 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF133976.D
Acq: 27 Jun 2023 06:21

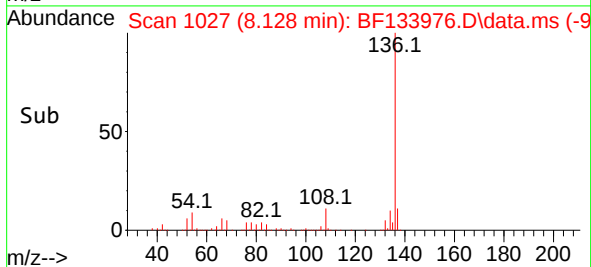
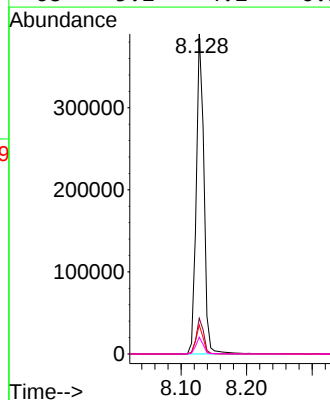
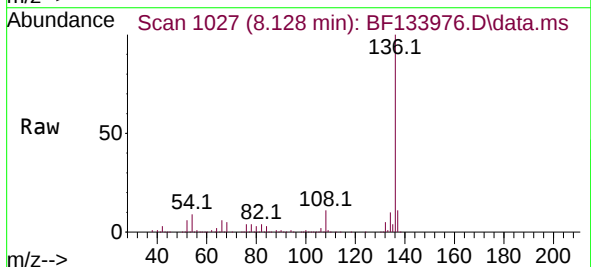
Instrument :
BNA_F
ClientSampleId :
WC-17

Tgt Ion: 99 Resp: 957930
Ion Ratio Lower Upper
99 100
42 24.5 19.8 29.6
71 40.3 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF133976.D
Acq: 27 Jun 2023 06:21

Tgt Ion: 136 Resp: 317858
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.0 6.5 9.7
68 5.2 4.2 6.2

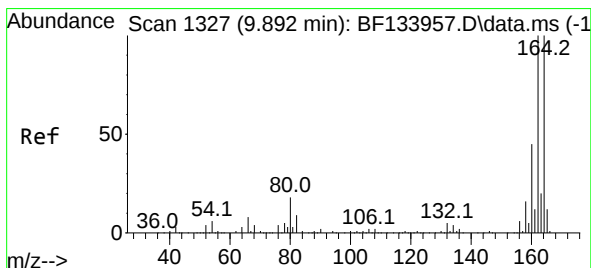
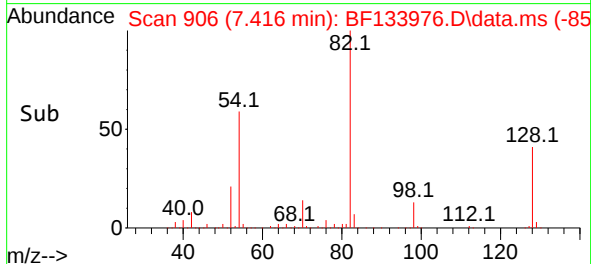
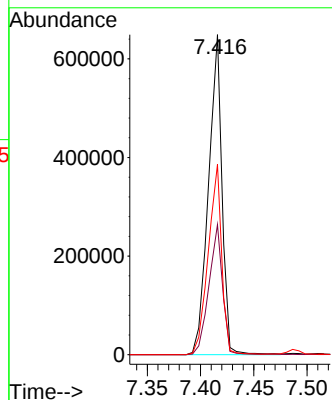
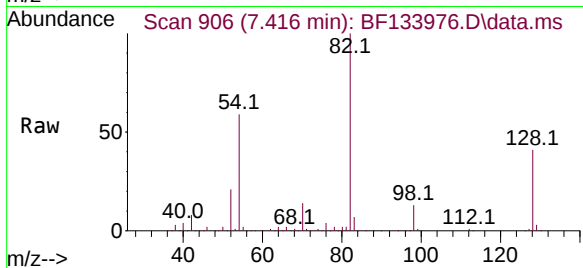




#23
 Nitrobenzene-d5
 Concen: 97.704 ng
 RT: 7.416 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: BF133976.D
 Acq: 27 Jun 2023 06:21

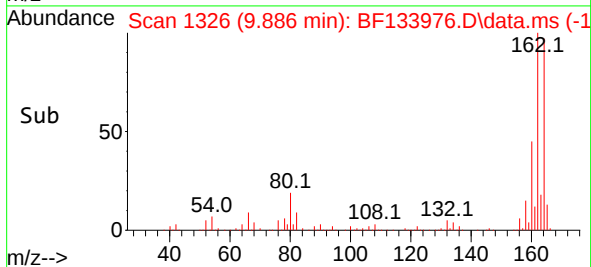
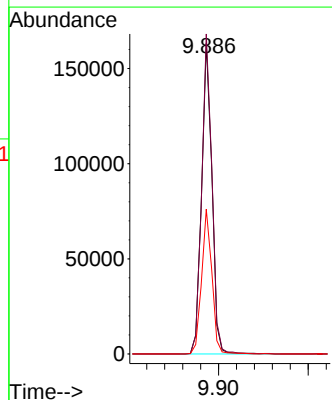
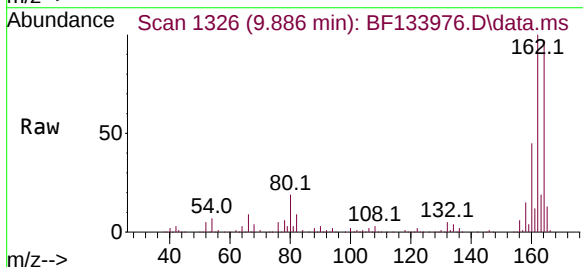
Instrument :
 BNA_F
 ClientSampleId :
 WC-17

Tgt Ion: 82 Resp: 576120
 Ion Ratio Lower Upper
 82 100
 128 40.7 32.5 48.7
 54 59.4 48.2 72.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.886 min Scan# 1326
 Delta R.T. -0.006 min
 Lab File: BF133976.D
 Acq: 27 Jun 2023 06:21

Tgt Ion:164 Resp: 130348
 Ion Ratio Lower Upper
 164 100
 162 103.1 80.0 120.0
 160 46.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 132.139 ng

RT: 10.680 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF133976.D

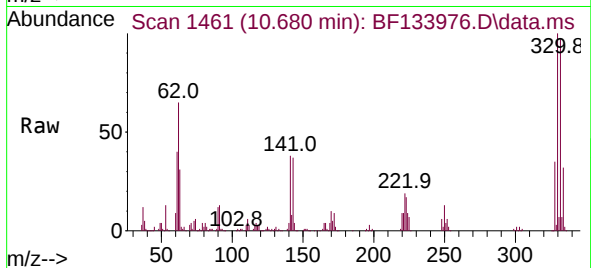
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Instrument :

BNA_F

ClientSampleId :

WC-17



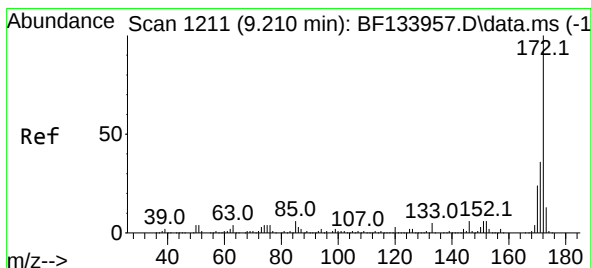
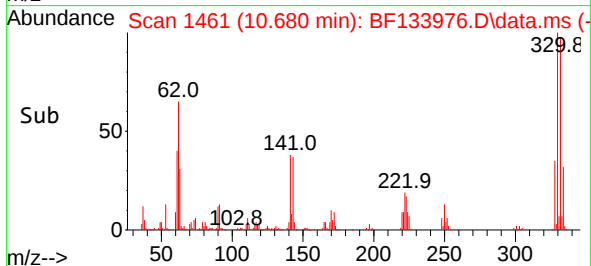
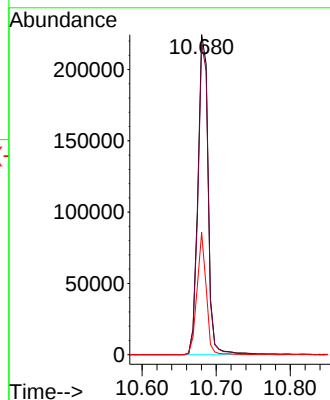
Tgt Ion:330 Resp: 215956

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

141 34.0 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 106.526 ng

RT: 9.210 min Scan# 1211

Delta R.T. 0.000 min

Lab File: BF133976.D

Acq: 27 Jun 2023 06:21

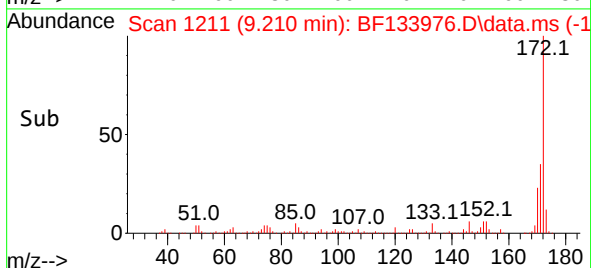
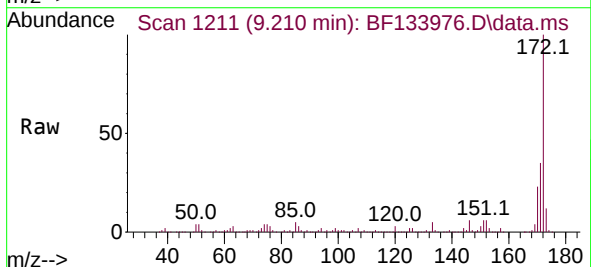
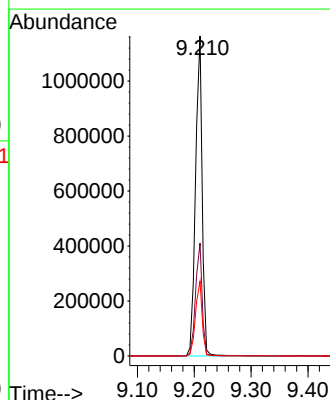
Tgt Ion:172 Resp: 955054

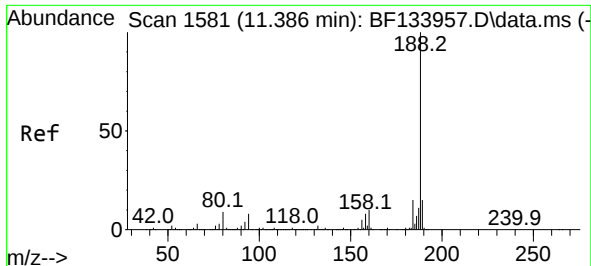
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.4 19.4 29.0

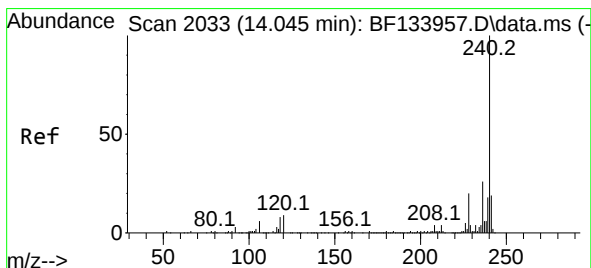
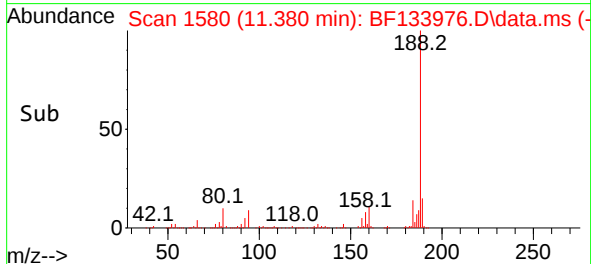
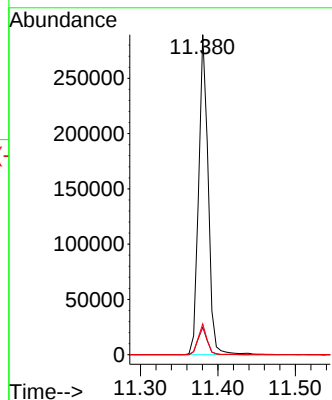
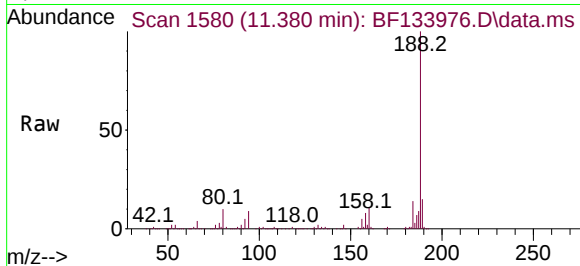




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF133976.D
Acq: 27 Jun 2023 06:21

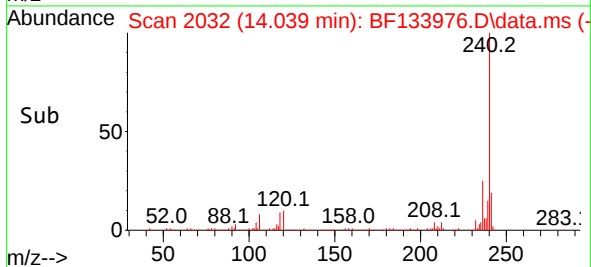
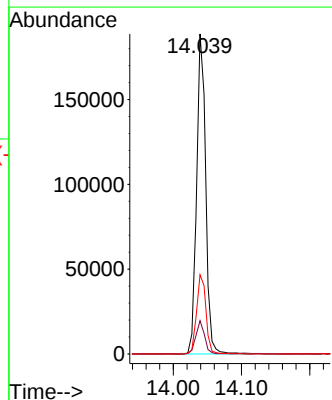
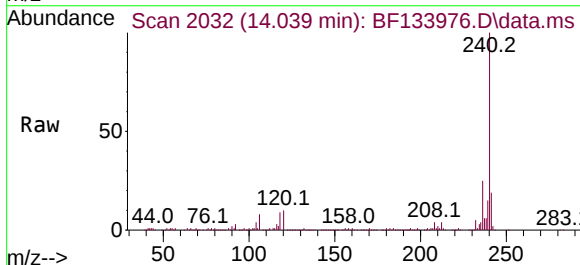
Instrument :
BNA_F
ClientSampleId :
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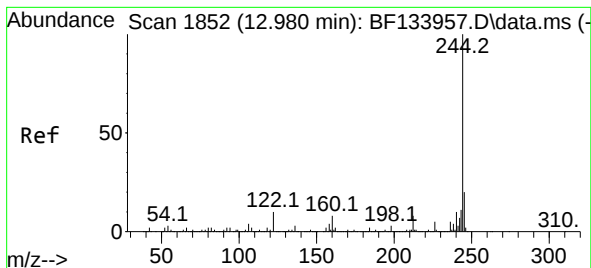
Tgt Ion:188 Resp: 245832
Ion Ratio Lower Upper
188 100
94 8.5 6.4 9.6
80 9.6 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF133976.D
Acq: 27 Jun 2023 06:21

Tgt Ion:240 Resp: 173127
Ion Ratio Lower Upper
240 100
120 10.4 7.4 11.0
236 24.7 21.0 31.6





#79

Terphenyl-d14

Concen: 105.141 ng

RT: 12.980 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133976.D

Acq: 27 Jun 2023 06:21

Instrument :

BNA_F

ClientSampleId :

WC-17

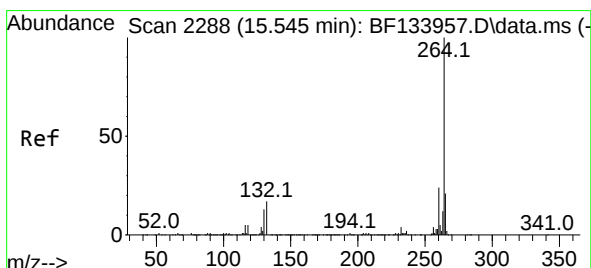
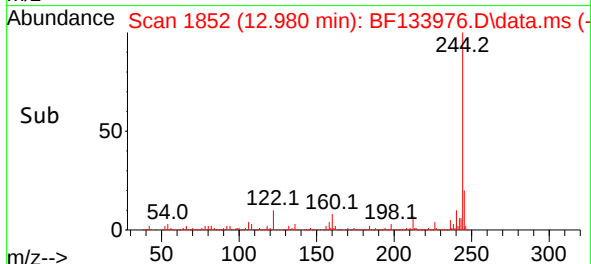
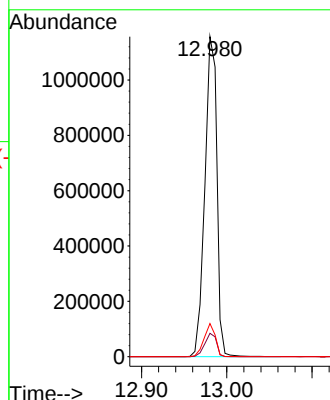
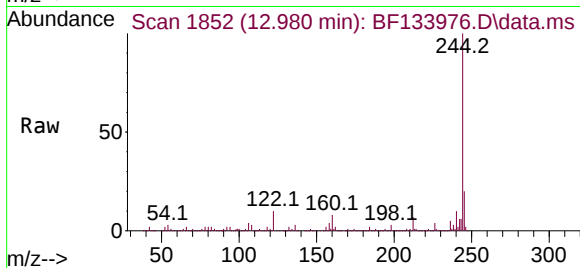
Tgt Ion:244 Resp: 1131018

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 10.4 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2288

Delta R.T. 0.000 min

Lab File: BF133976.D

Acq: 27 Jun 2023 06:21

Tgt Ion:264 Resp: 136863

Ion Ratio Lower Upper

264 100

260 22.5 19.5 29.3

265 23.0 16.6 25.0

