

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
 Data File : BF133993.D
 Acq On : 27 Jun 2023 16:11
 Operator : CG\JU
 Sample : 03337-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-9

Quant Time: Jun 27 16:46:20 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	109252	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	398890	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	182689	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	323248	20.000	ng	0.00
76) Chrysene-d12	14.039	240	193630	20.000	ng	0.00
86) Perylene-d12	15.545	264	187859	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	550471	84.283	ng	0.00
7) Phenol-d6	6.486	99	701940	87.392	ng	0.00
23) Nitrobenzene-d5	7.410	82	416820	56.328	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	173214	75.621	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	841995	67.008	ng	0.00
79) Terphenyl-d14	12.980	244	678824	56.423	ng	0.00

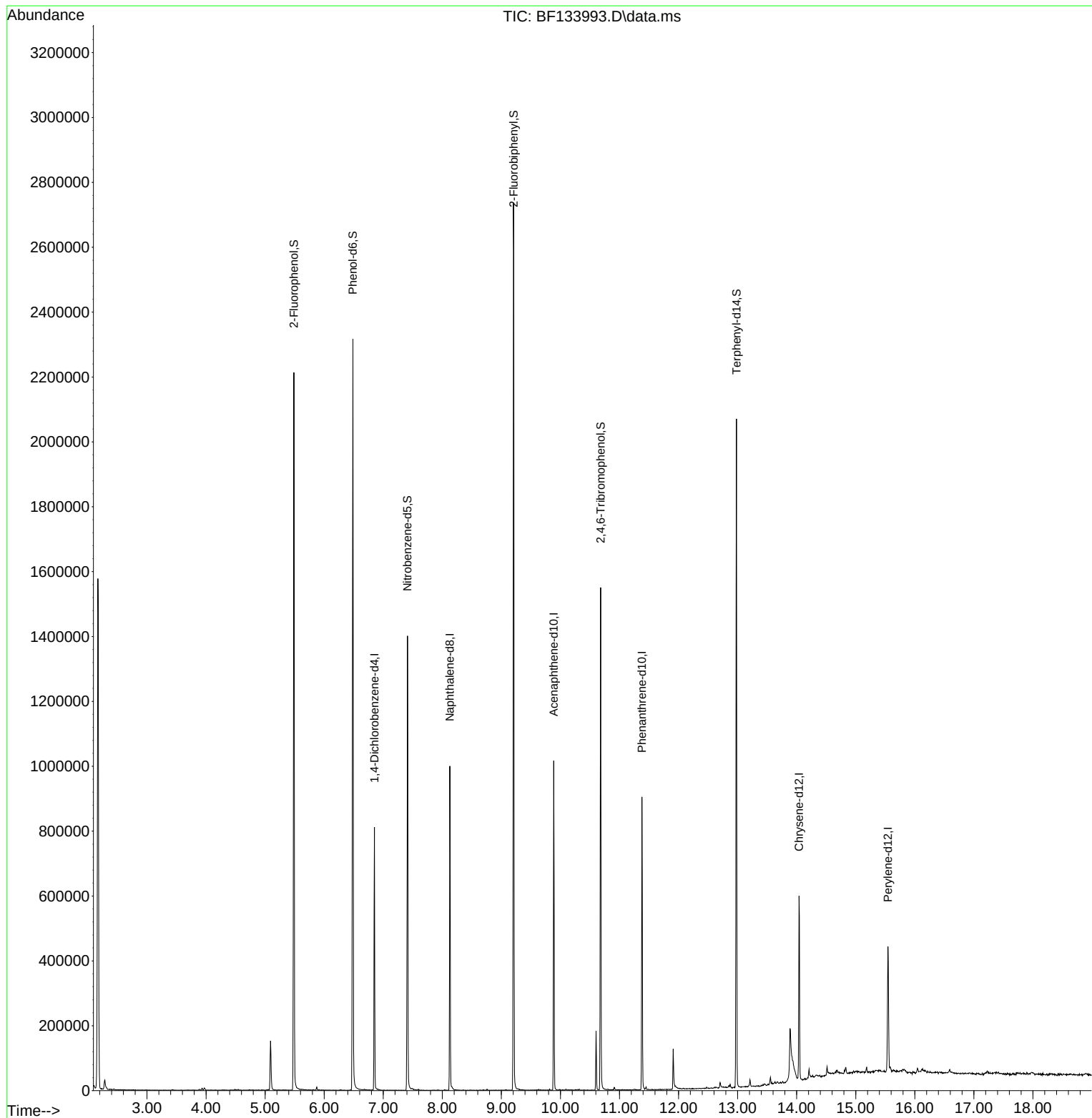
Target Compounds	Qvalue

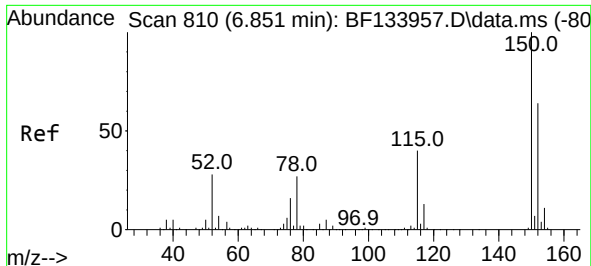
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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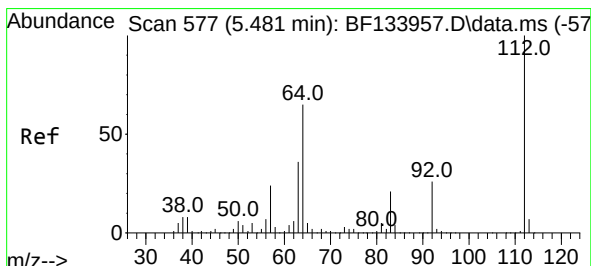
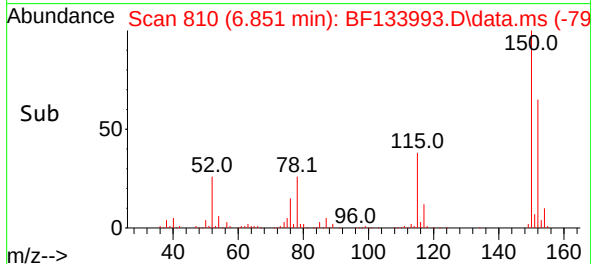
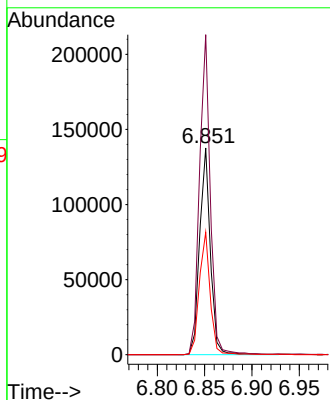
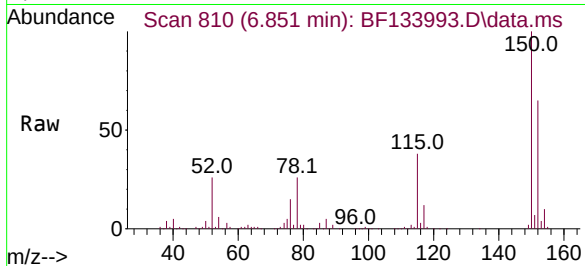




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133993.D
Acq: 27 Jun 2023 16:11

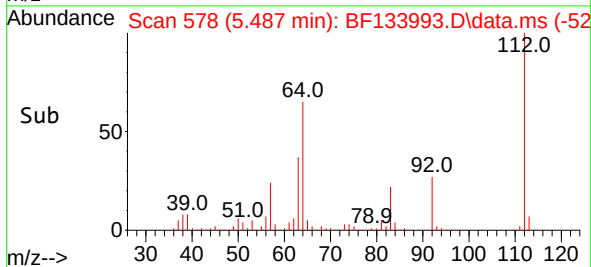
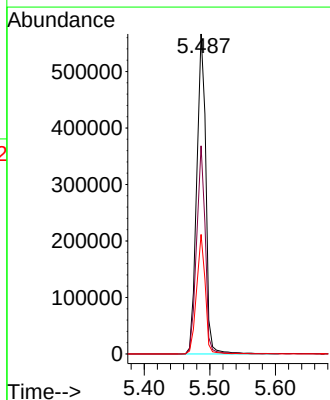
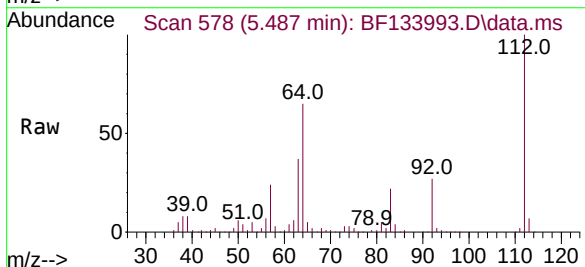
Instrument :
BNA_F
ClientSampleId :
WC-9

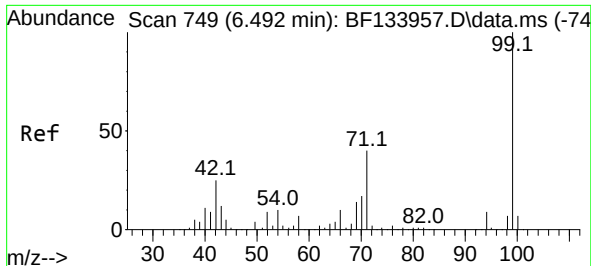
Tgt Ion:152 Resp: 109252
Ion Ratio Lower Upper
152 100
150 154.7 124.5 186.7
115 59.2 50.2 75.2



#5
2-Fluorophenol
Concen: 84.283 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF133993.D
Acq: 27 Jun 2023 16:11

Tgt Ion:112 Resp: 550471
Ion Ratio Lower Upper
112 100
64 65.0 52.1 78.1
63 37.3 28.6 42.8

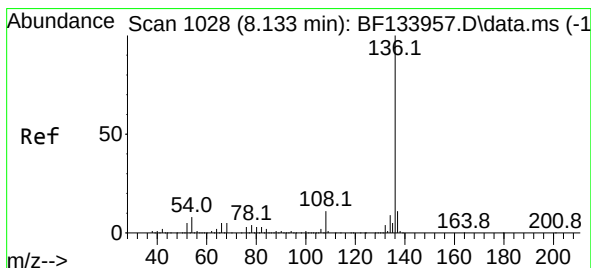
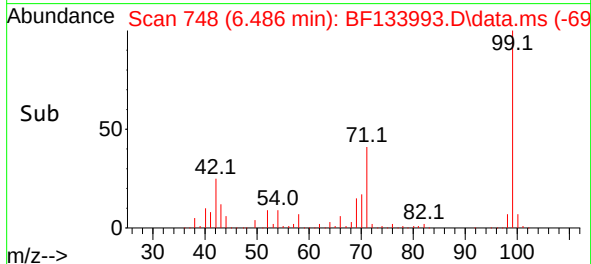
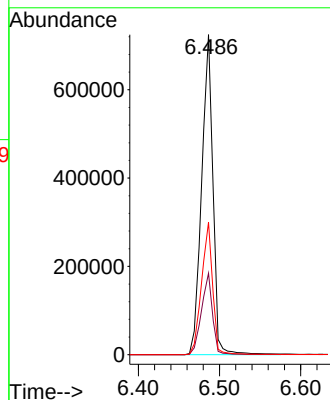
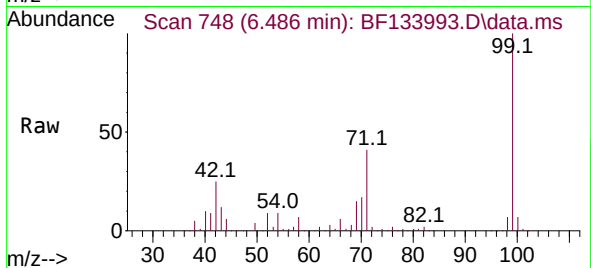




#7
Phenol-d6
Concen: 87.392 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133993.D
Acq: 27 Jun 2023 16:11

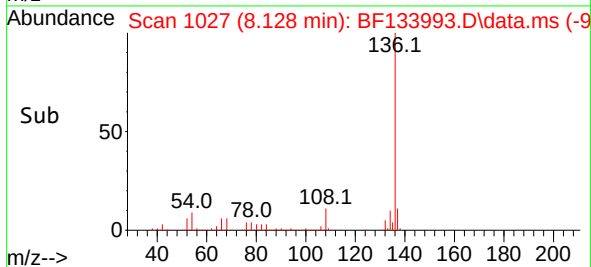
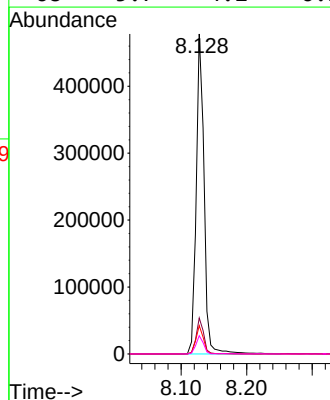
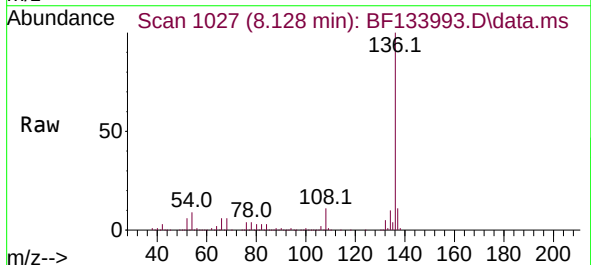
Instrument :
BNA_F
ClientSampleId :
WC-9

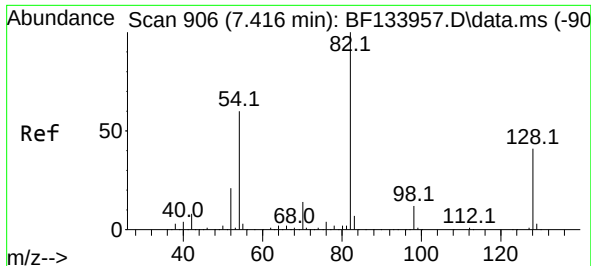
Tgt Ion: 99 Resp: 701940
Ion Ratio Lower Upper
99 100
42 25.4 19.8 29.6
71 41.4 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF133993.D
Acq: 27 Jun 2023 16:11

Tgt Ion: 136 Resp: 398890
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 8.9 6.5 9.7
68 5.7 4.2 6.2





#23

Nitrobenzene-d5

Concen: 56.328 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF133993.D

Acq: 27 Jun 2023 16:11

Instrument :

BNA_F

ClientSampleId :

WC-9

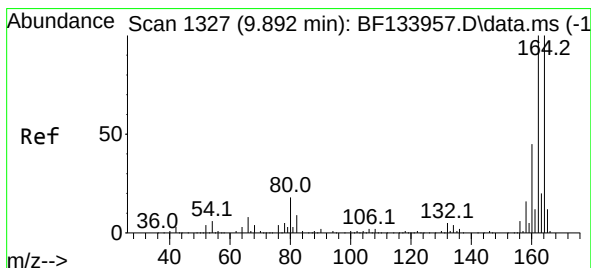
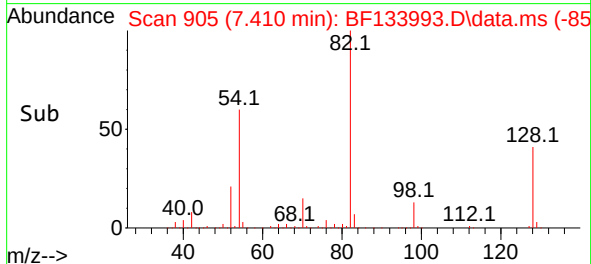
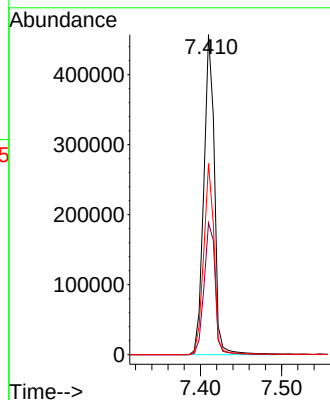
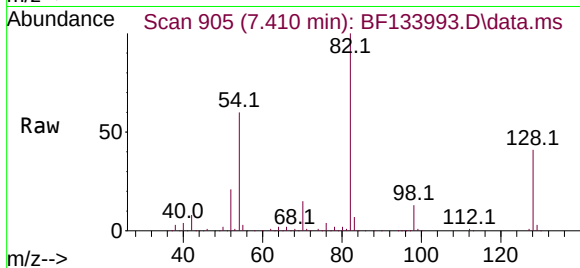
Tgt Ion: 82 Resp: 416820

Ion Ratio Lower Upper

82 100

128 41.2 32.5 48.7

54 59.7 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: BF133993.D

Acq: 27 Jun 2023 16:11

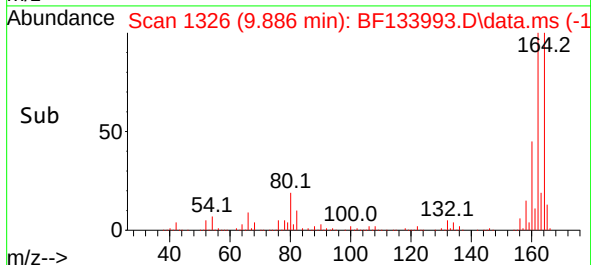
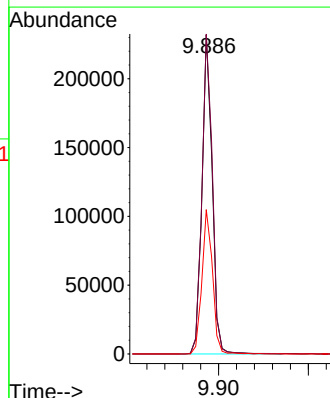
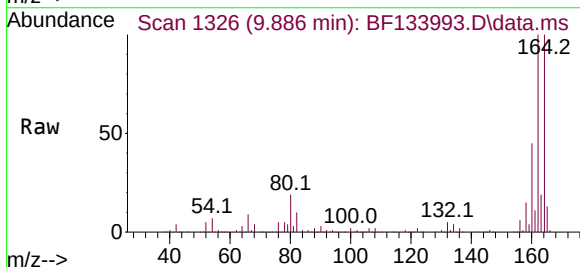
Tgt Ion:164 Resp: 182689

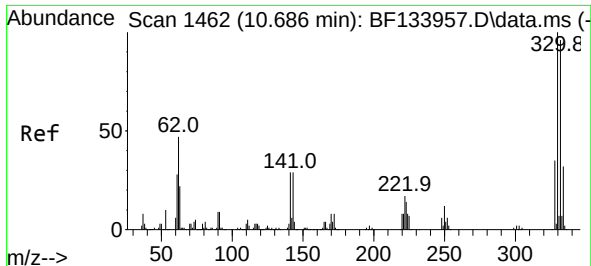
Ion Ratio Lower Upper

164 100

162 100.3 80.0 120.0

160 45.3 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 75.621 ng

RT: 10.680 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF133993.D

Acq: 27 Jun 2023 16:11

Instrument :

BNA_F

ClientSampleId :

WC-9

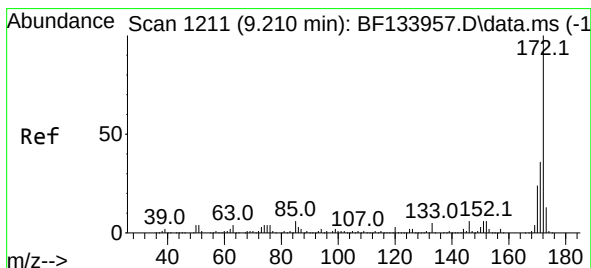
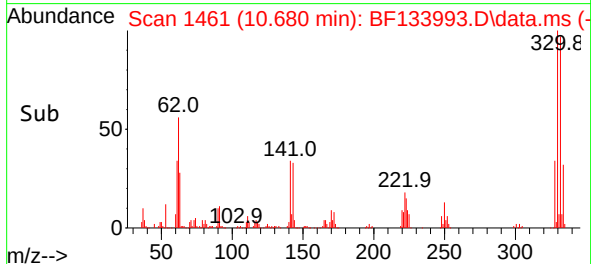
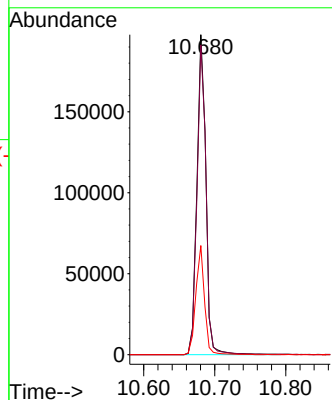
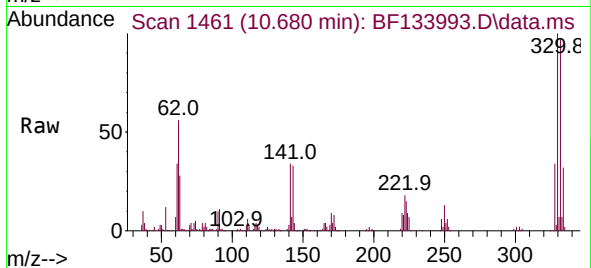
Tgt Ion:330 Resp: 173214

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

141 33.3 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 67.008 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.000 min

Lab File: BF133993.D

Acq: 27 Jun 2023 16:11

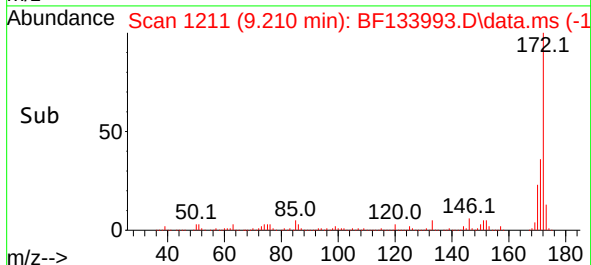
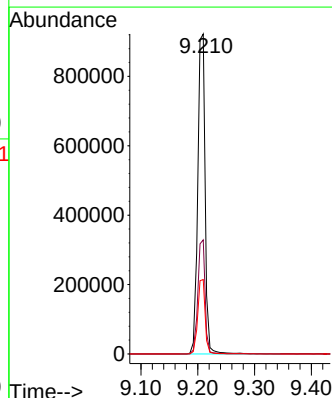
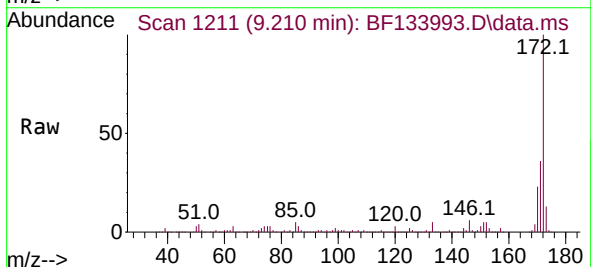
Tgt Ion:172 Resp: 841995

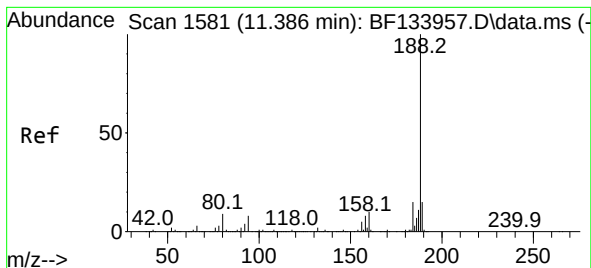
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.3 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: BF133993.D

Acq: 27 Jun 2023 16:11

Instrument :

BNA_F

ClientSampleId :

WC-9

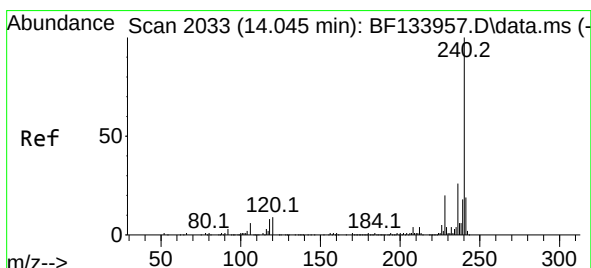
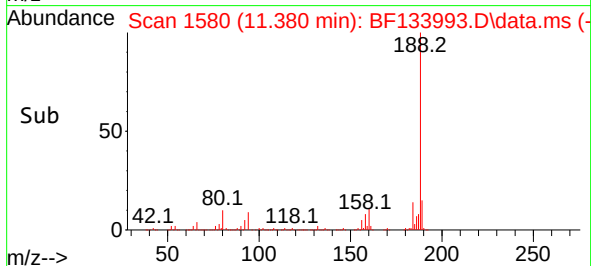
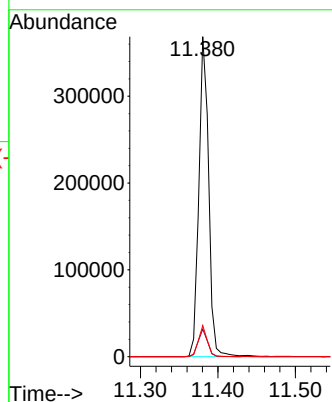
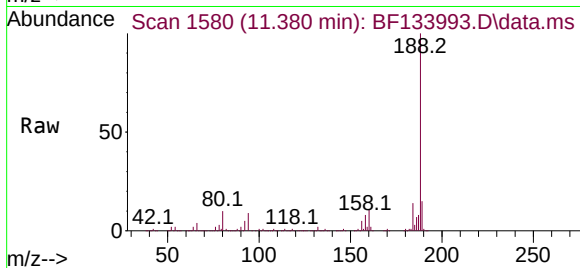
Tgt Ion:188 Resp: 323248

Ion Ratio Lower Upper

188 100

94 8.6 6.4 9.6

80 9.7 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: BF133993.D

Acq: 27 Jun 2023 16:11

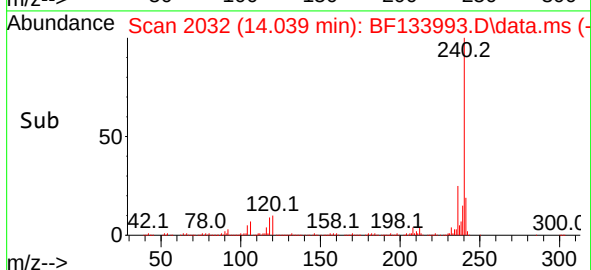
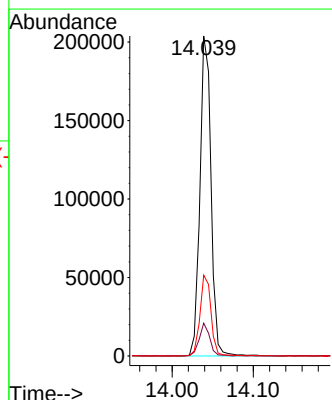
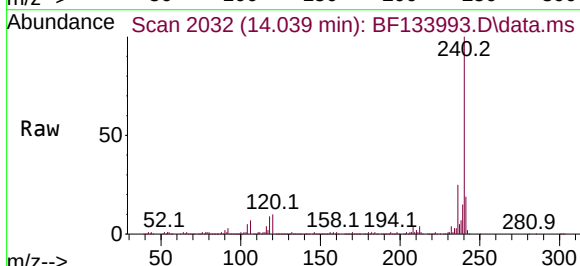
Tgt Ion:240 Resp: 193630

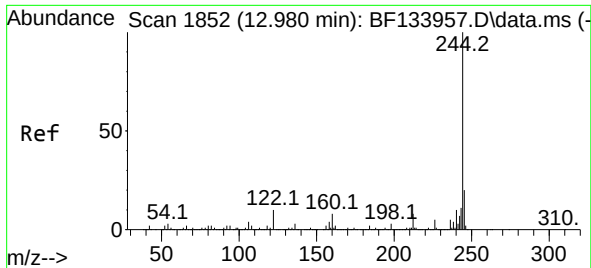
Ion Ratio Lower Upper

240 100

120 10.3 7.4 11.0

236 25.3 21.0 31.6

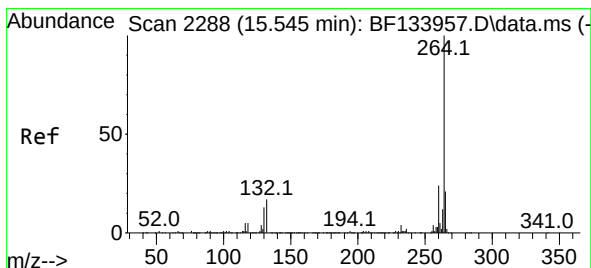
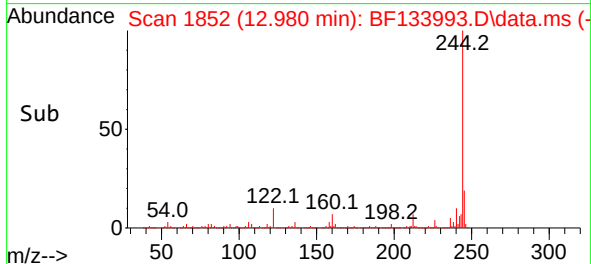
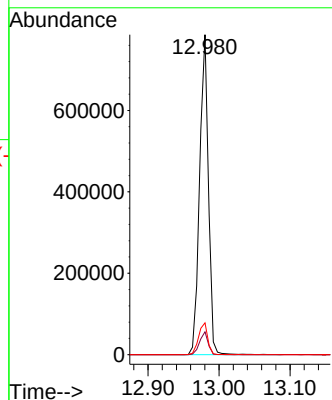
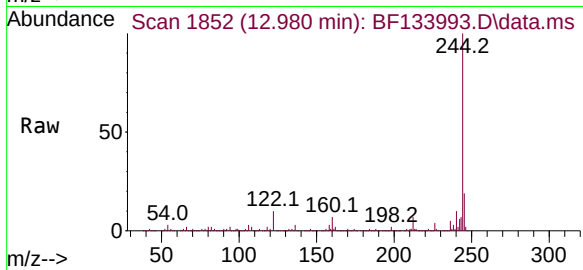




#79
 Terphenyl-d14
 Concen: 56.423 ng
 RT: 12.980 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133993.D
 Acq: 27 Jun 2023 16:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-9

Tgt Ion:244 Resp: 678824
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.0 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: BF133993.D
 Acq: 27 Jun 2023 16:11

Tgt Ion:264 Resp: 187859
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 20.6 16.6 25.0

