

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134155.D
 Acq On : 08 Jul 2023 18:50
 Operator : CG\JU
 Sample : 03509-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-04

Quant Time: Jul 09 00:39:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	156847	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	594978	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	324889	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	603096	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	381132	20.000	ng	-0.01
86) Perylene-d12	15.539	264	286458	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	369075	39.362	ng	-0.01
7) Phenol-d6	6.475	99	471967	40.929	ng	-0.02
23) Nitrobenzene-d5	7.404	82	310864	28.164	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	135174	33.184	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	332498	14.879	ng	-0.01
79) Terphenyl-d14	12.968	244	324985	13.723	ng	-0.02

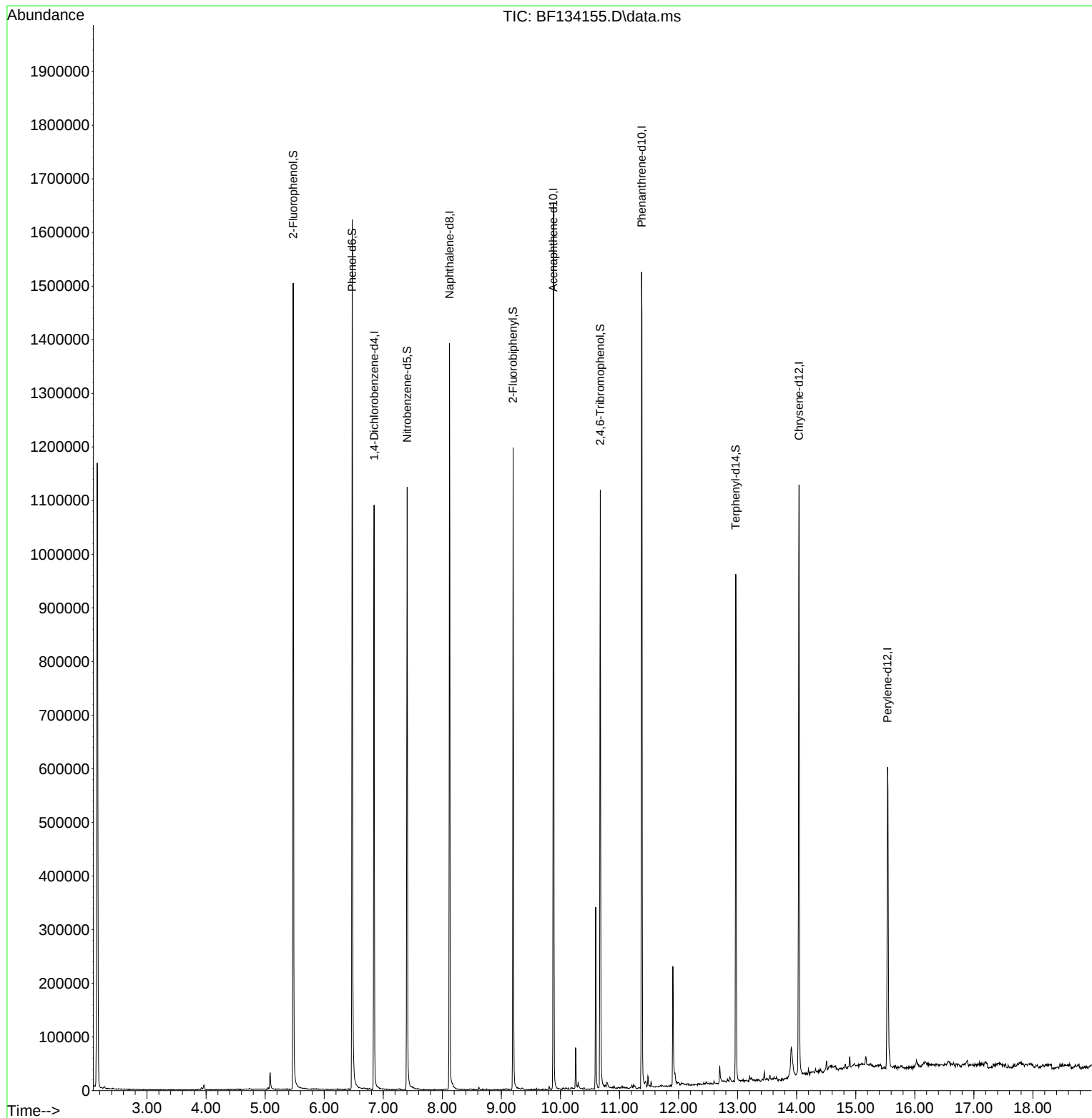
Target Compounds	Qvalue

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

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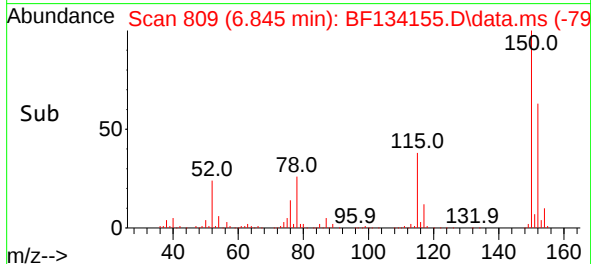
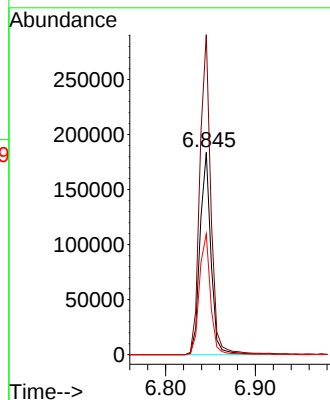
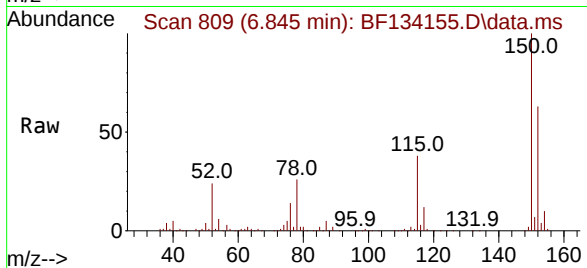




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134155.D
Acq: 08 Jul 2023 18:50

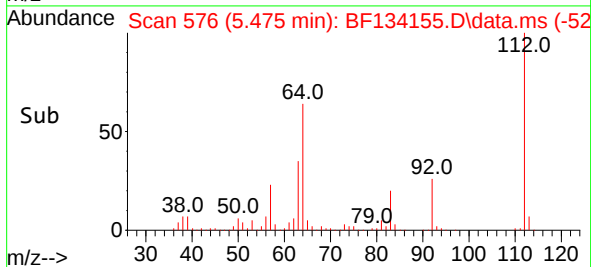
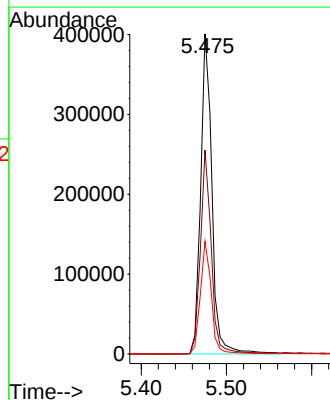
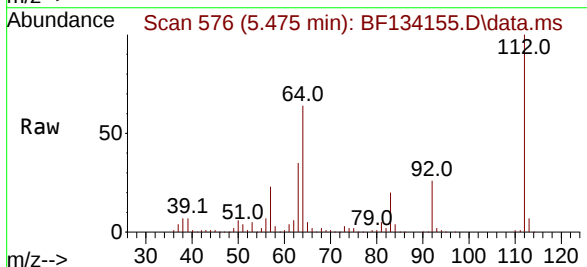
Instrument :
BNA_F
ClientSampleId :
WC-WWS-04

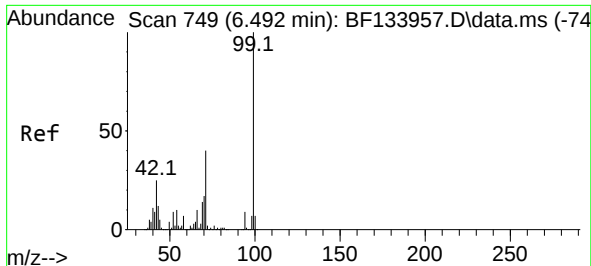
Tgt Ion:152 Resp: 156847
Ion Ratio Lower Upper
152 100
150 158.2 124.5 186.7
115 59.7 50.2 75.2



#5
2-Fluorophenol
Concen: 39.362 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF134155.D
Acq: 08 Jul 2023 18:50

Tgt Ion:112 Resp: 369075
Ion Ratio Lower Upper
112 100
64 63.7 52.1 78.1
63 35.2 28.6 42.8

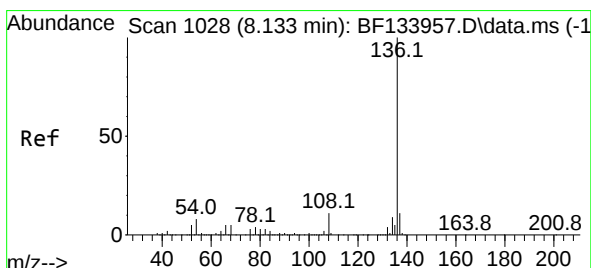
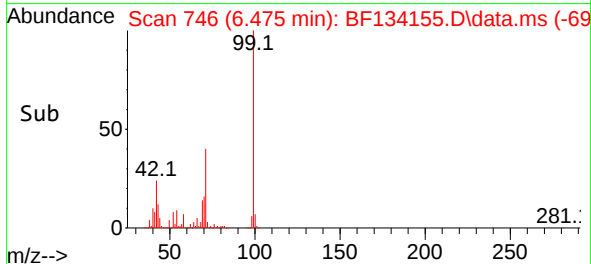
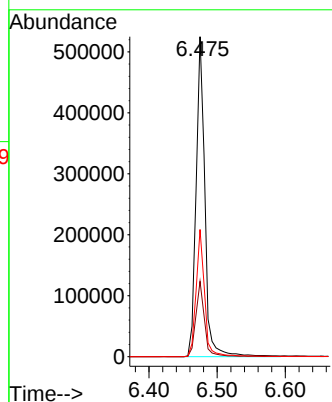
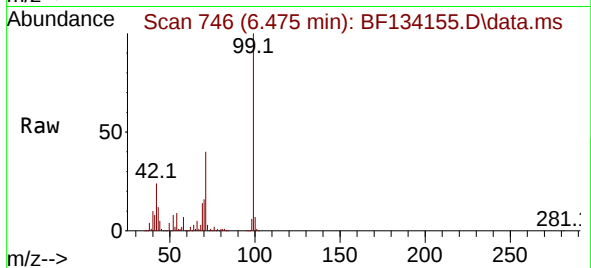




#7
Phenol-d6
Concen: 40.929 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF134155.D
Acq: 08 Jul 2023 18:50

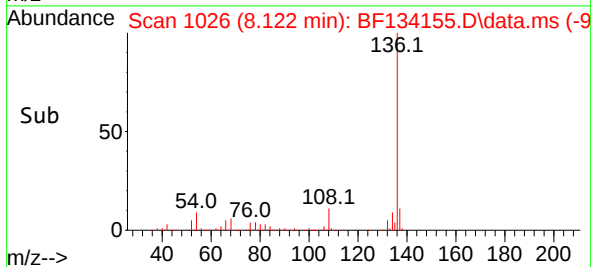
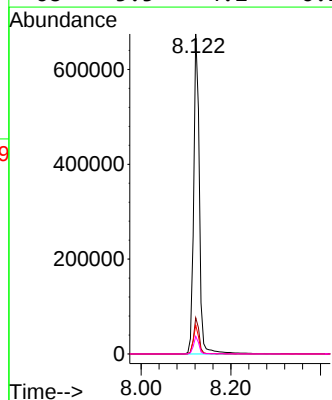
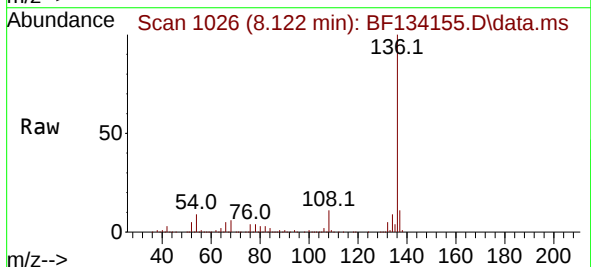
Instrument :
BNA_F
ClientSampleId :
WC-WWS-04

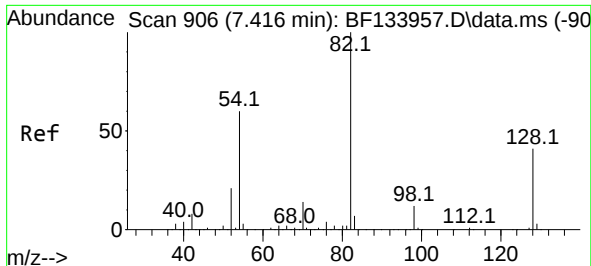
Tgt Ion: 99 Resp: 471967
Ion Ratio Lower Upper
99 100
42 23.5 19.8 29.6
71 39.7 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134155.D
Acq: 08 Jul 2023 18:50

Tgt Ion: 136 Resp: 594978
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 9.1 6.5 9.7
68 5.5 4.2 6.2

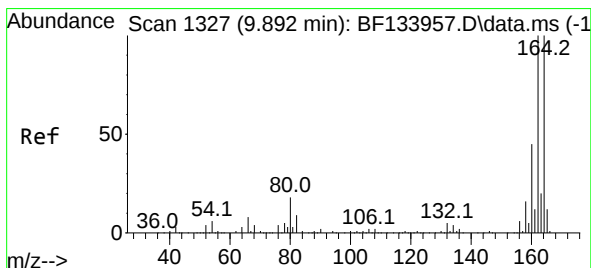
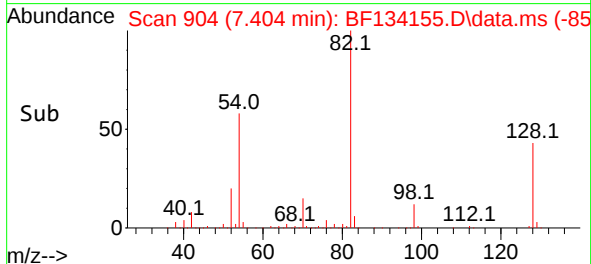
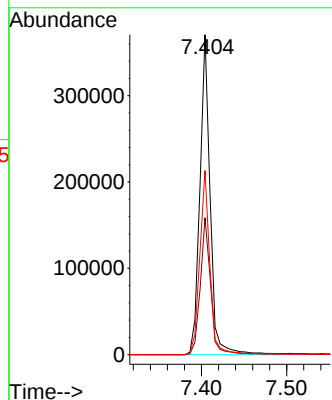
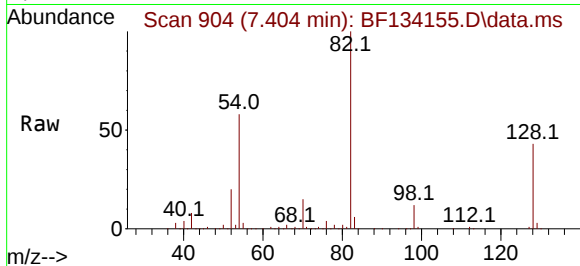




#23
 Nitrobenzene-d5
 Concen: 28.164 ng
 RT: 7.404 min Scan# 906
 Delta R.T. -0.018 min
 Lab File: BF134155.D
 Acq: 08 Jul 2023 18:50

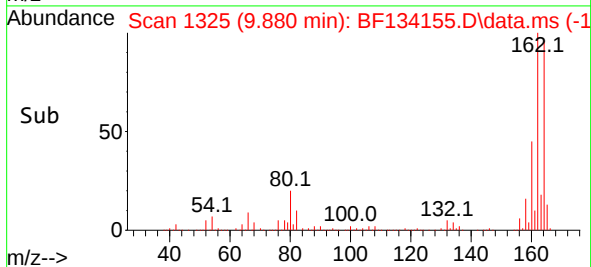
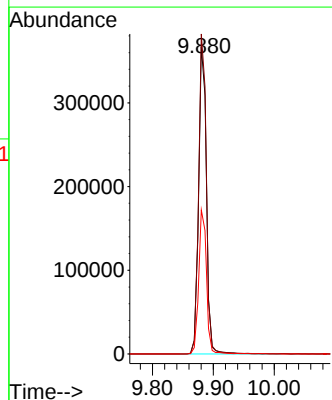
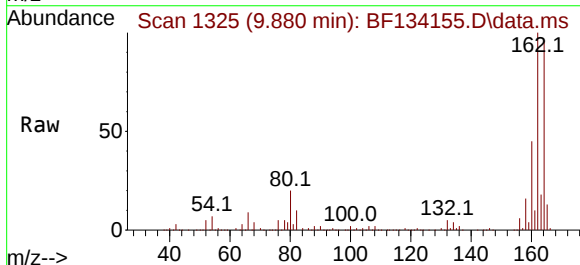
Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-04

Tgt Ion: 82 Resp: 310864
 Ion Ratio Lower Upper
 82 100
 128 42.8 32.5 48.7
 54 57.5 48.2 72.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.880 min Scan# 1325
 Delta R.T. -0.012 min
 Lab File: BF134155.D
 Acq: 08 Jul 2023 18:50

Tgt Ion:164 Resp: 324889
 Ion Ratio Lower Upper
 164 100
 162 104.1 80.0 120.0
 160 46.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 33.184 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.012 min

Lab File: BF134155.D

Acq: 08 Jul 2023 18:50

Instrument :

BNA_F

ClientSampleId :

WC-WWS-04

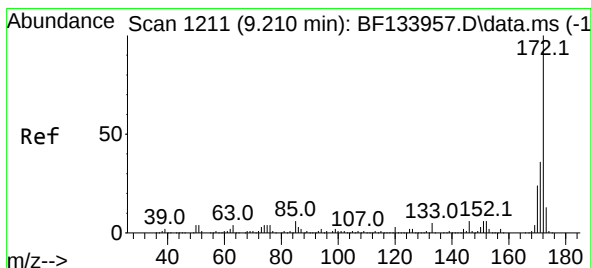
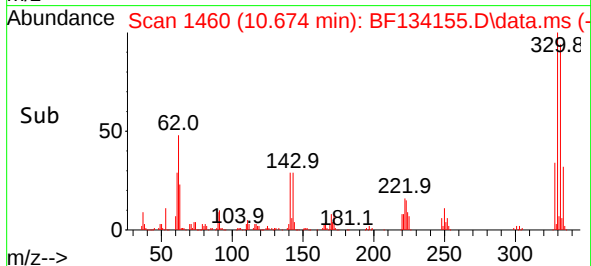
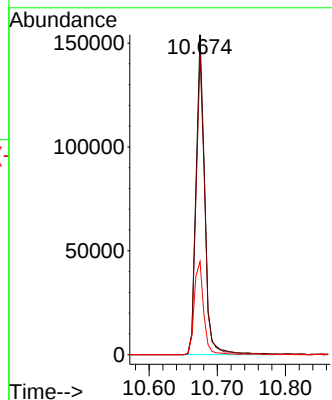
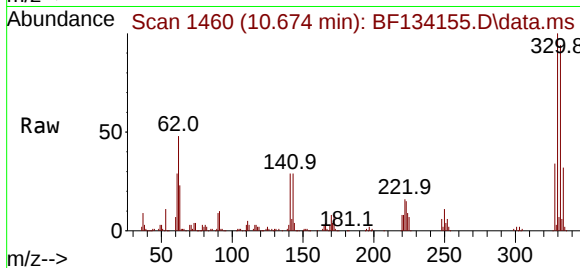
Tgt Ion:330 Resp: 135174

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

141 31.6 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 14.879 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.012 min

Lab File: BF134155.D

Acq: 08 Jul 2023 18:50

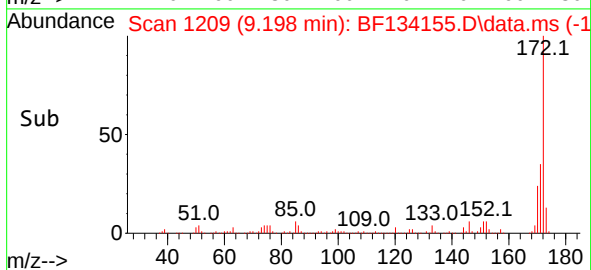
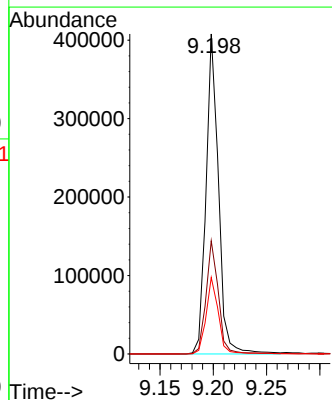
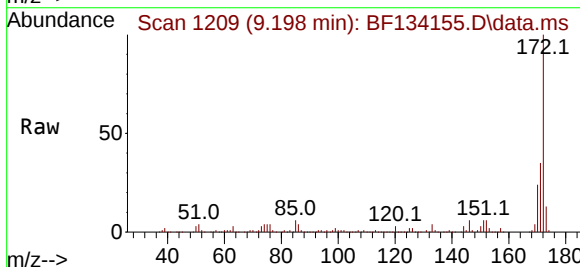
Tgt Ion:172 Resp: 332498

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.9 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134155.D

Acq: 08 Jul 2023 18:50

Instrument :

BNA_F

ClientSampleId :

WC-WWS-04

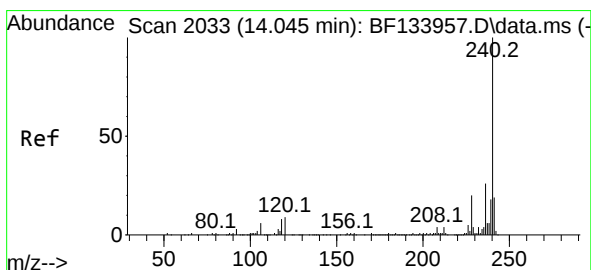
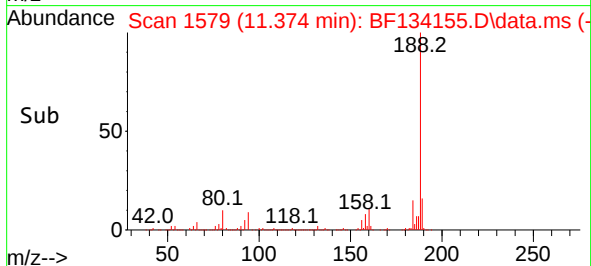
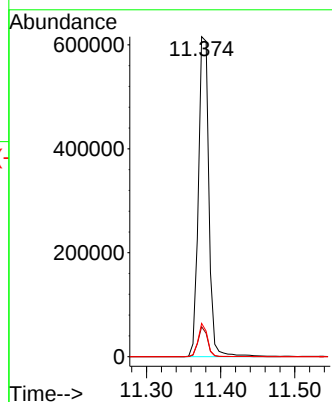
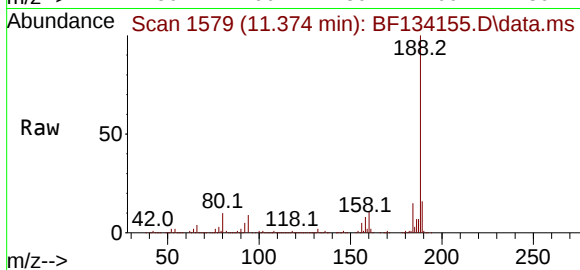
Tgt Ion:188 Resp: 603096

Ion Ratio Lower Upper

188 100

94 9.3 6.4 9.6

80 10.4 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF134155.D

Acq: 08 Jul 2023 18:50

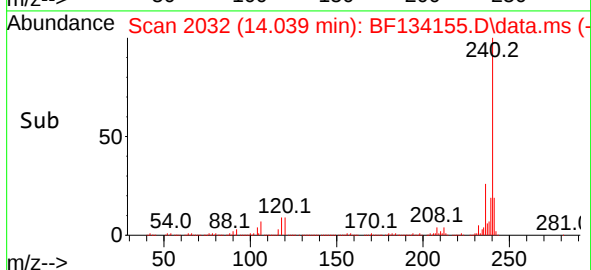
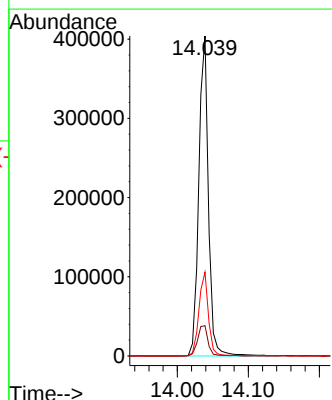
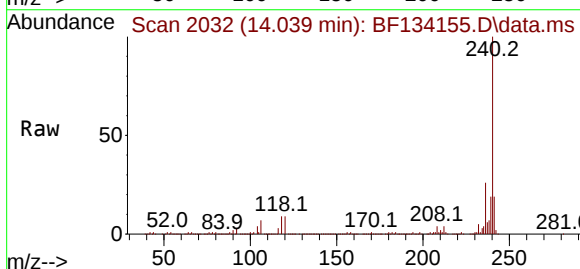
Tgt Ion:240 Resp: 381132

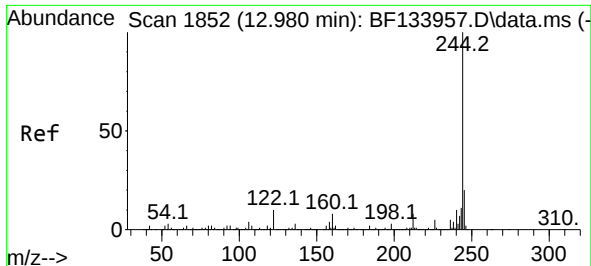
Ion Ratio Lower Upper

240 100

120 9.4 7.4 11.0

236 26.2 21.0 31.6

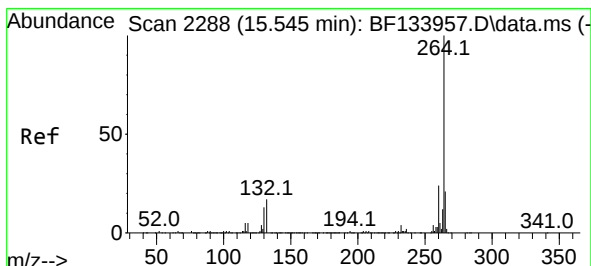
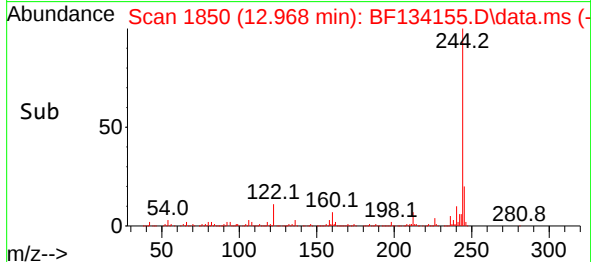
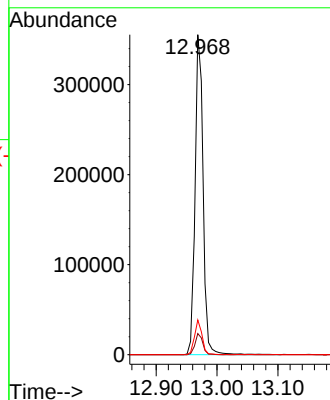
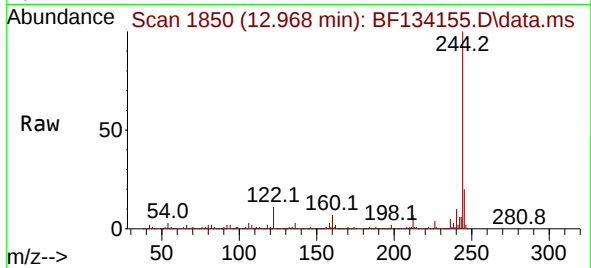




#79
 Terphenyl-d14
 Concen: 13.723 ng
 RT: 12.968 min Scan# 1850
 Delta R.T. -0.018 min
 Lab File: BF134155.D
 Acq: 08 Jul 2023 18:50

Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-04

Tgt Ion:244 Resp: 324985
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 10.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF134155.D
 Acq: 08 Jul 2023 18:50

Tgt Ion:264 Resp: 286458
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 21.5 16.6 25.0

