

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134169.D
 Acq On : 09 Jul 2023 03:56
 Operator : CG\JU
 Sample : 03509-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-04

Quant Time: Jul 09 05:47:40 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	128033	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	513276	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	266525	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	517077	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	305940	20.000	ng	-0.02
86) Perylene-d12	15.539	264	259391	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	953828	124.619	ng	0.00
7) Phenol-d6	6.487	99	1093257	116.145	ng	0.00
23) Nitrobenzene-d5	7.410	82	860812	90.404	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	450059	134.680	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1576546	86.001	ng	0.00
79) Terphenyl-d14	12.980	244	1899290	99.913	ng	0.00

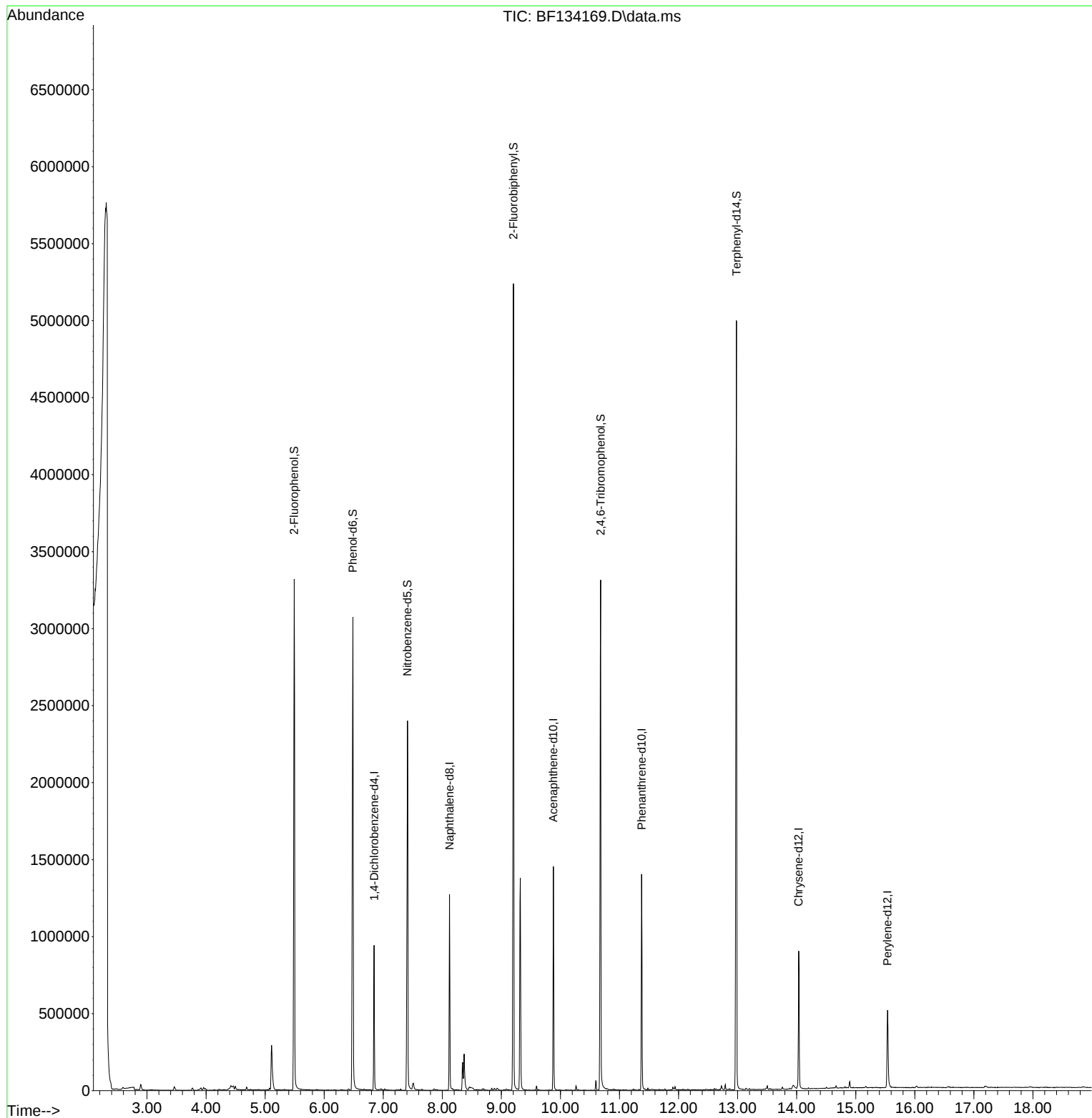
Target Compounds	Qvalue

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

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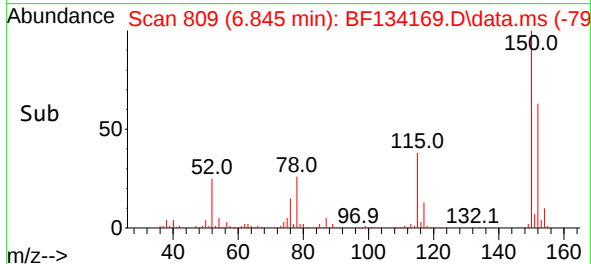
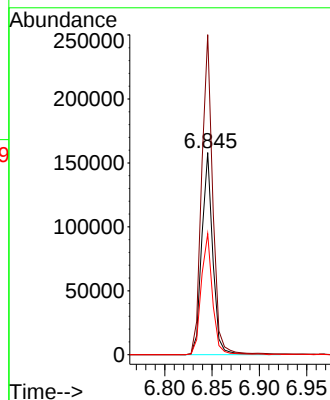
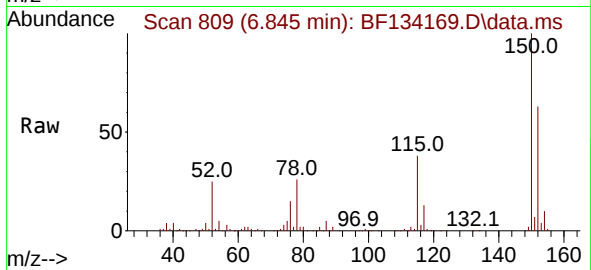




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134169.D
Acq: 09 Jul 2023 03:56

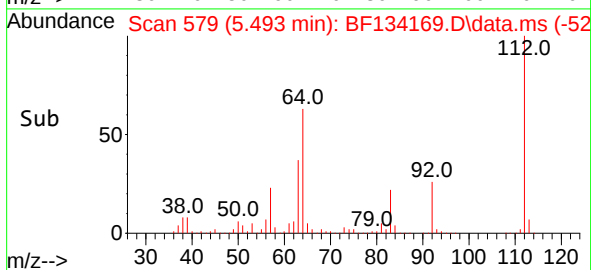
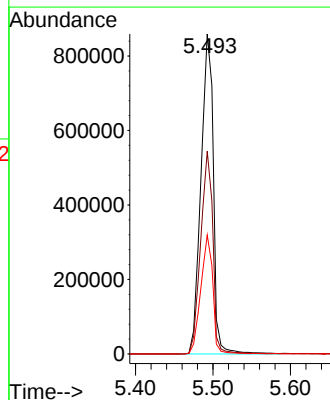
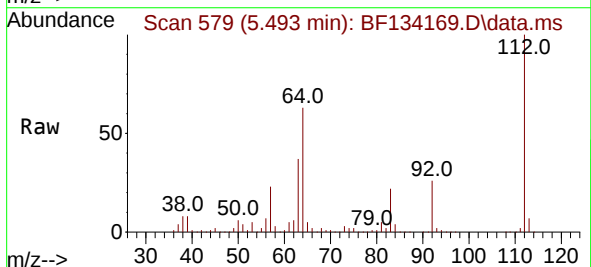
Instrument :
BNA_F
ClientSampleId :
WC-WWS-04

Tgt Ion:152 Resp: 128033
Ion Ratio Lower Upper
152 100
150 158.4 124.5 186.7
115 59.9 50.2 75.2



#5
2-Fluorophenol
Concen: 124.619 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF134169.D
Acq: 09 Jul 2023 03:56

Tgt Ion:112 Resp: 953828
Ion Ratio Lower Upper
112 100
64 63.4 52.1 78.1
63 37.2 28.6 42.8

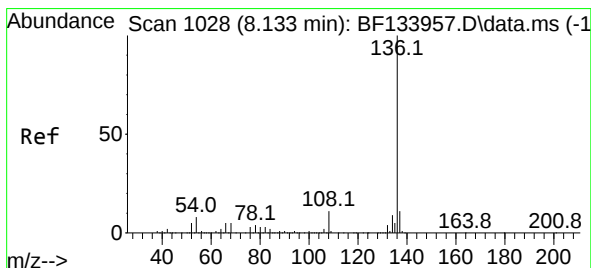
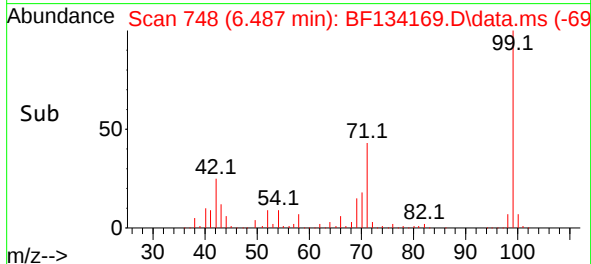
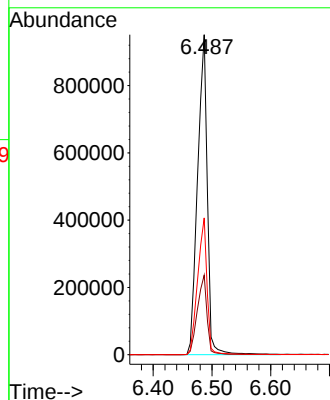
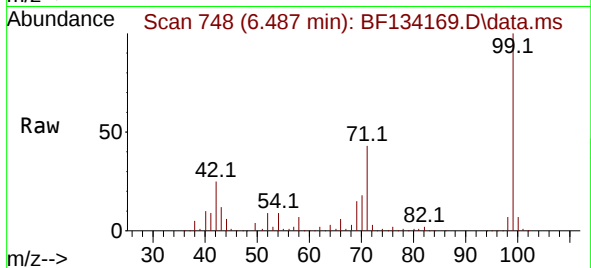




#7
Phenol-d6
Concen: 116.145 ng
RT: 6.487 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134169.D
Acq: 09 Jul 2023 03:56

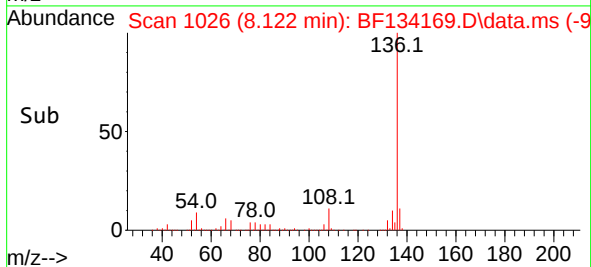
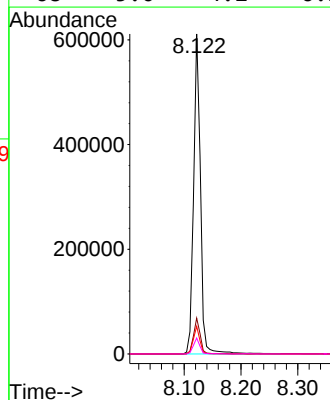
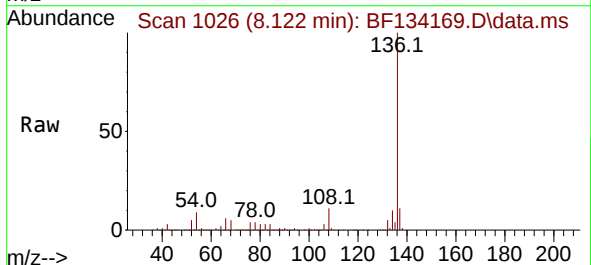
Instrument :
BNA_F
ClientSampleId :
WC-WWS-04

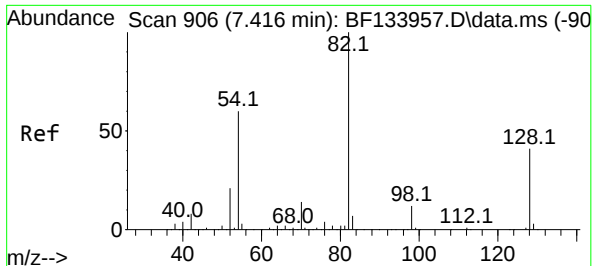
Tgt Ion: 99 Resp: 1093257
Ion Ratio Lower Upper
99 100
42 24.8 19.8 29.6
71 42.7 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134169.D
Acq: 09 Jul 2023 03:56

Tgt Ion: 136 Resp: 513276
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 8.6 6.5 9.7
68 5.0 4.2 6.2

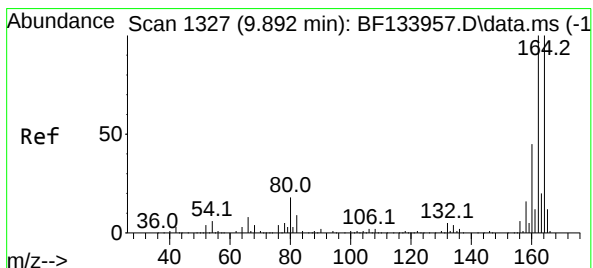
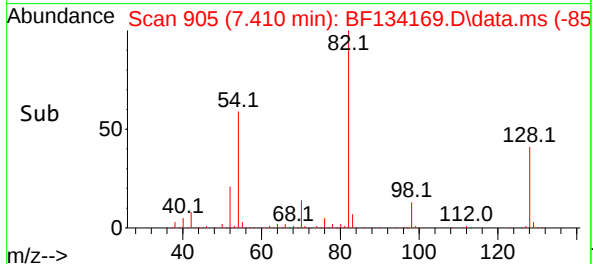
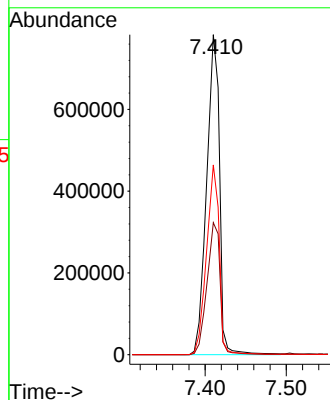
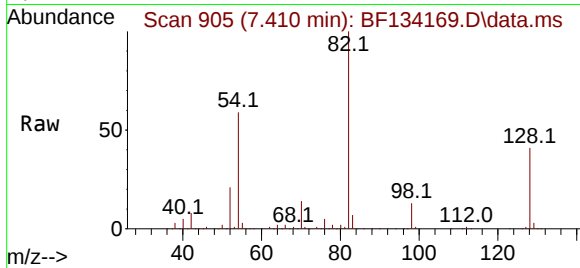




#23
 Nitrobenzene-d5
 Concen: 90.404 ng
 RT: 7.410 min Scan# 906
 Delta R.T. -0.012 min
 Lab File: BF134169.D
 Acq: 09 Jul 2023 03:56

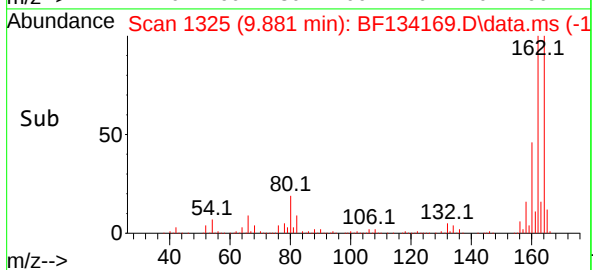
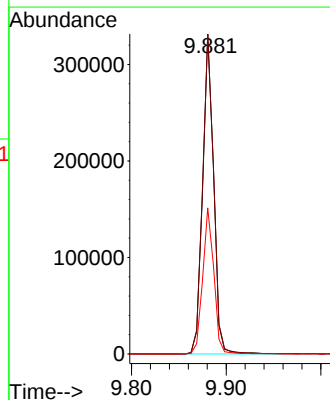
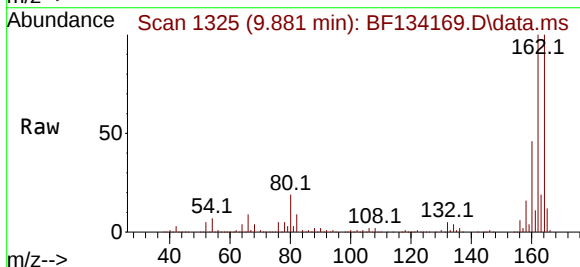
Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-04

Tgt Ion: 82 Resp: 860812
 Ion Ratio Lower Upper
 82 100
 128 41.3 32.5 48.7
 54 59.3 48.2 72.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.881 min Scan# 1325
 Delta R.T. -0.012 min
 Lab File: BF134169.D
 Acq: 09 Jul 2023 03:56

Tgt Ion:164 Resp: 266525
 Ion Ratio Lower Upper
 164 100
 162 100.1 80.0 120.0
 160 45.7 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 134.680 ng

RT: 10.680 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF134169.D

Acq: 09 Jul 2023 03:56

Instrument :

BNA_F

ClientSampleId :

WC-WWS-04

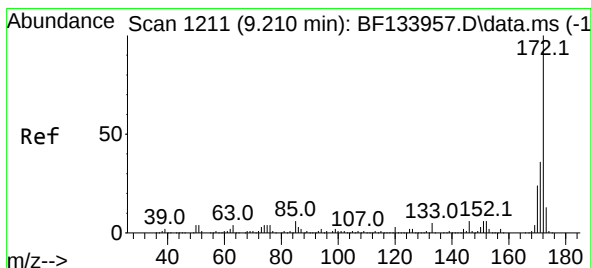
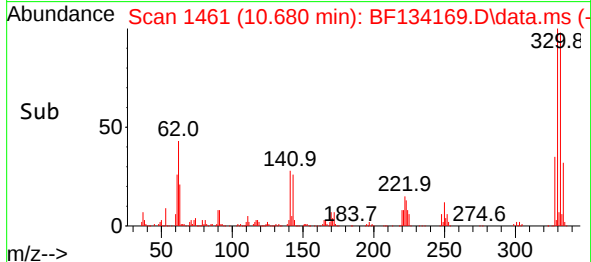
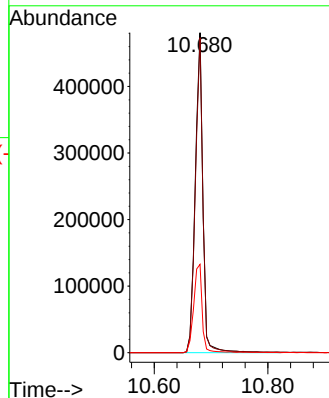
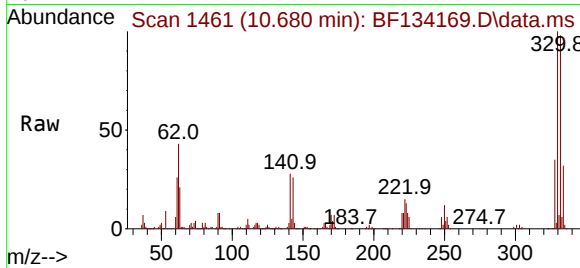
Tgt Ion:330 Resp: 450059

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

141 31.2 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 86.001 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134169.D

Acq: 09 Jul 2023 03:56

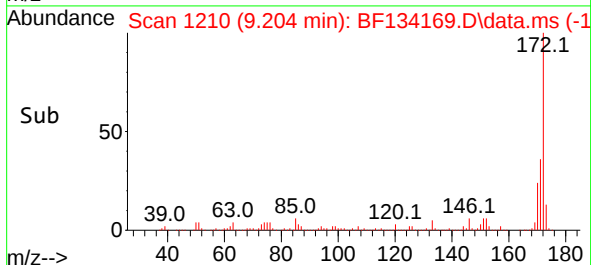
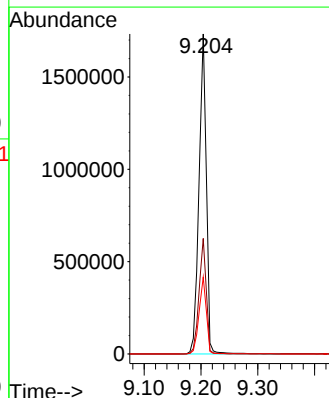
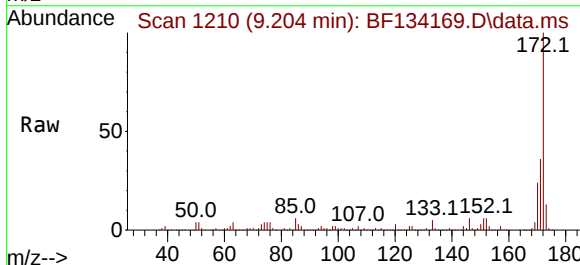
Tgt Ion:172 Resp: 1576546

Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 24.0 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134169.D

Acq: 09 Jul 2023 03:56

Instrument :

BNA_F

ClientSampleId :

WC-WWS-04

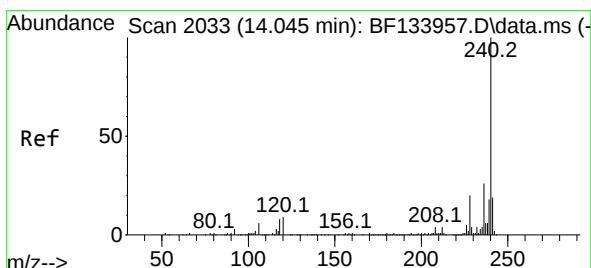
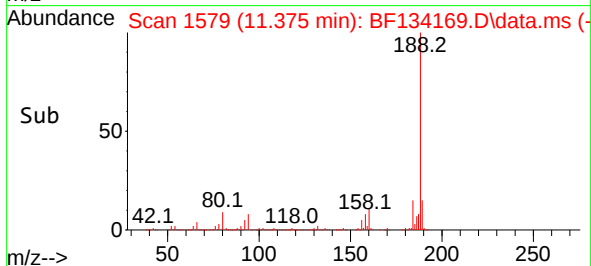
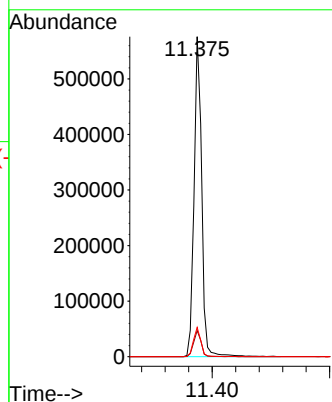
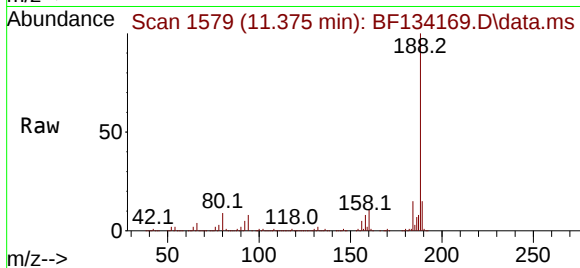
Tgt Ion:188 Resp: 517077

Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 9.2 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.018 min

Lab File: BF134169.D

Acq: 09 Jul 2023 03:56

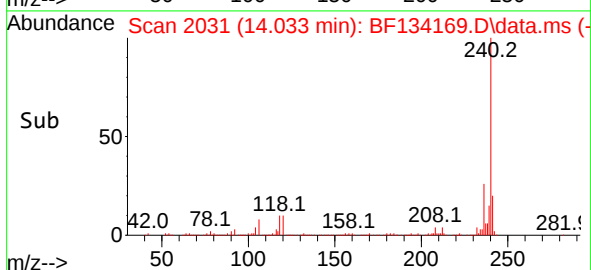
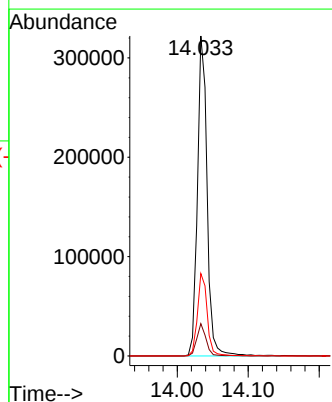
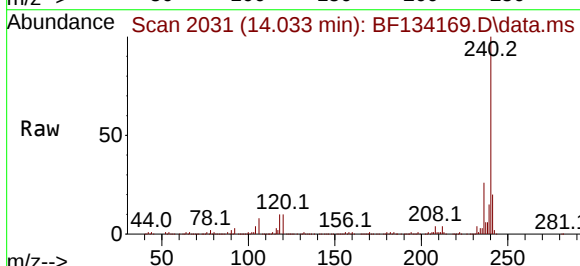
Tgt Ion:240 Resp: 305940

Ion Ratio Lower Upper

240 100

120 10.1 7.4 11.0

236 25.7 21.0 31.6

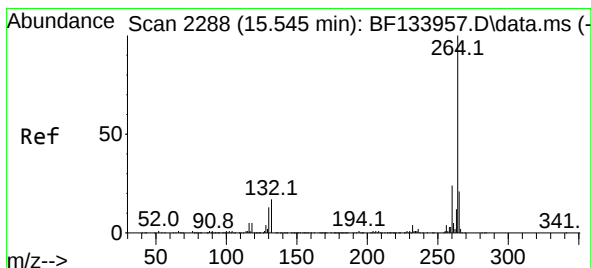
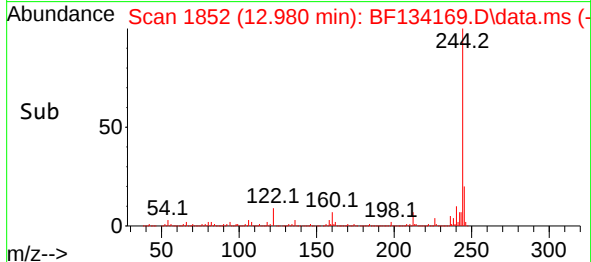
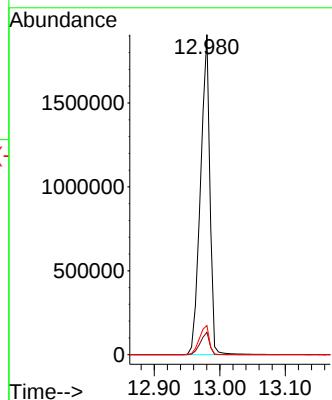
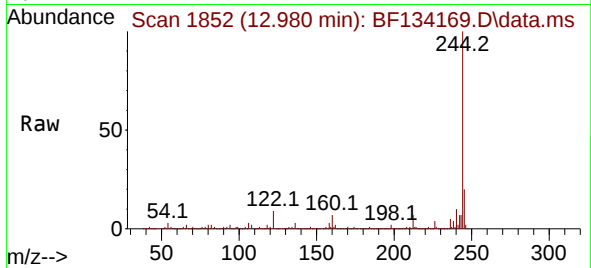




#79
 Terphenyl-d14
 Concen: 99.913 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134169.D
 Acq: 09 Jul 2023 03:56

Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-04

Tgt Ion:244 Resp: 1899290
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.1 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: BF134169.D
 Acq: 09 Jul 2023 03:56

Tgt Ion:264 Resp: 259391
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.1 16.6 25.0

