

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134154.D
 Acq On : 08 Jul 2023 18:16
 Operator : CG\JU
 Sample : 03510-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-10

Quant Time: Jul 09 00:38:53 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	133670	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	539014	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	283990	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	577474	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	376988	20.000	ng	-0.01
86) Perylene-d12	15.539	264	326288	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	593103	74.222	ng	0.00
7) Phenol-d6	6.481	99	750722	76.392	ng	-0.01
23) Nitrobenzene-d5	7.410	82	485161	48.520	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	265934	74.687	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	632089	32.360	ng	-0.01
79) Terphenyl-d14	12.974	244	597473	25.507	ng	-0.01

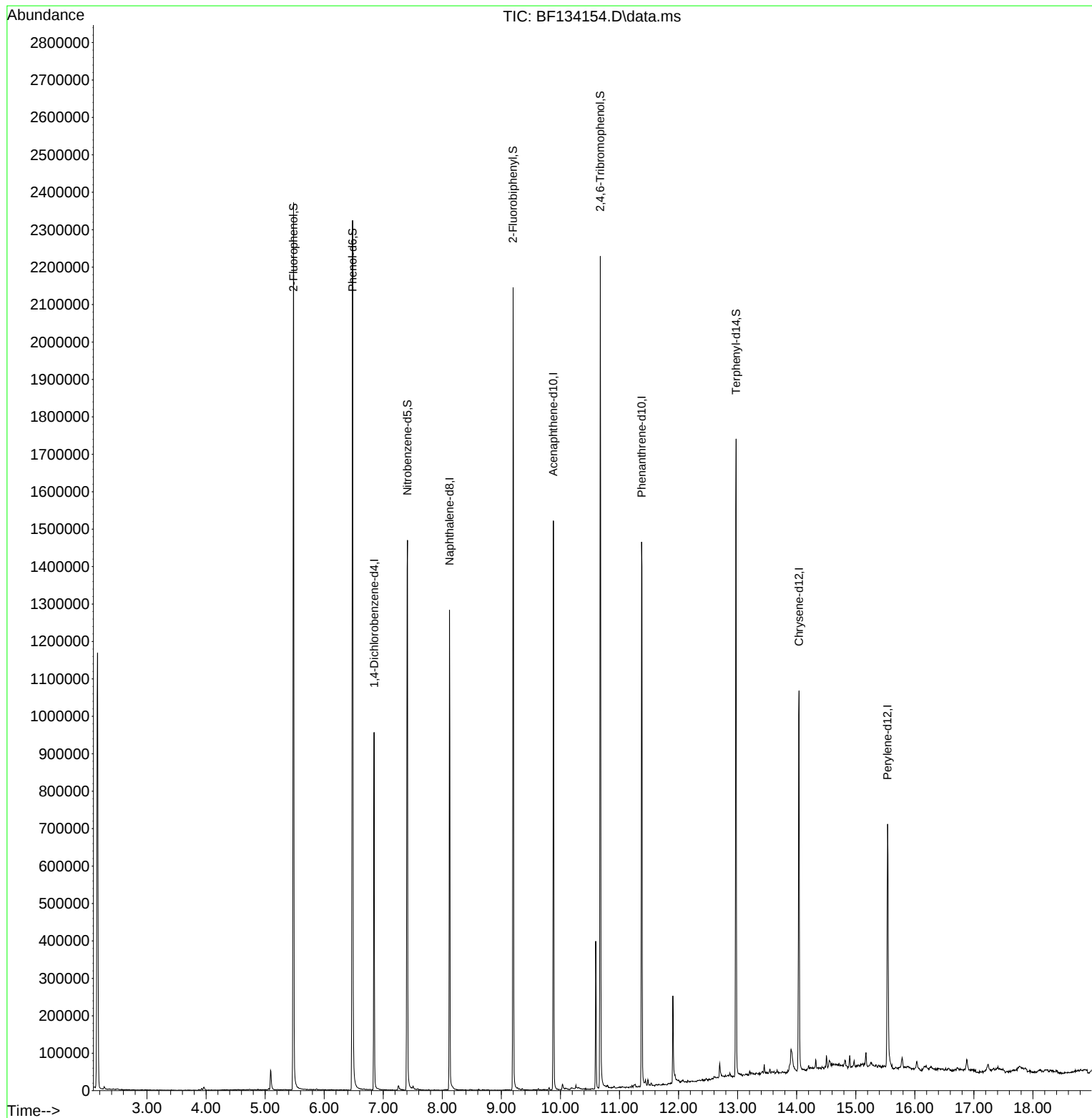
Target Compounds	Qvalue

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

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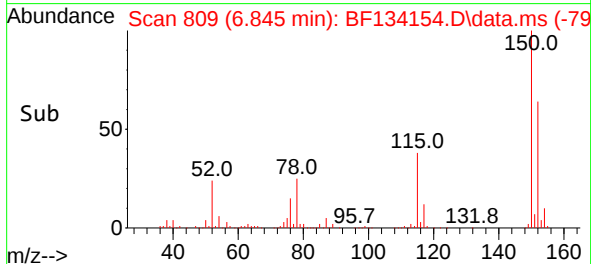
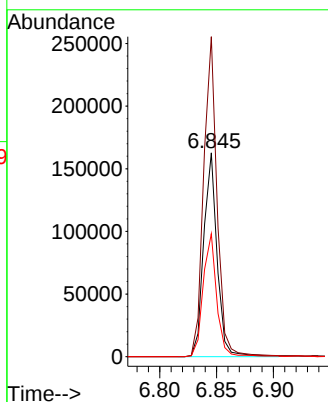
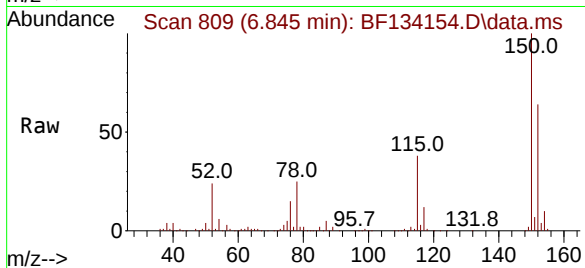




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134154.D
Acq: 08 Jul 2023 18:16

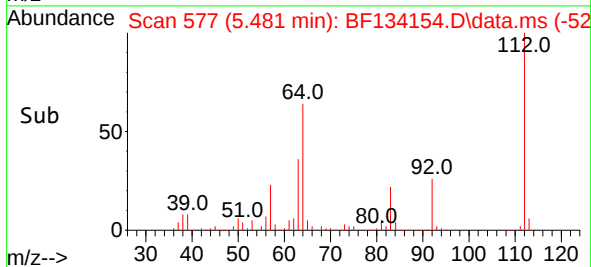
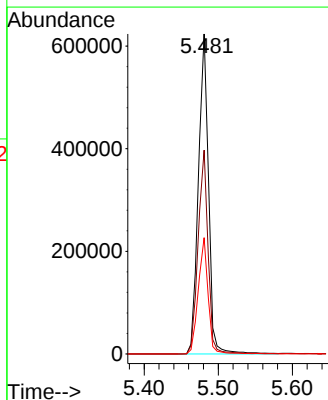
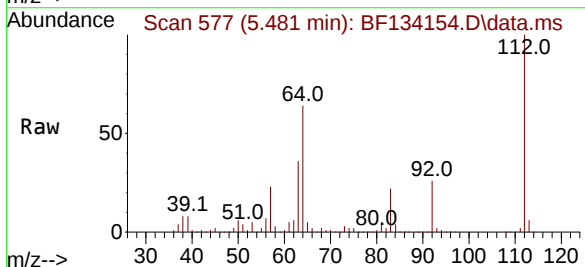
Instrument :
BNA_F
ClientSampleId :
WC-WWS-10

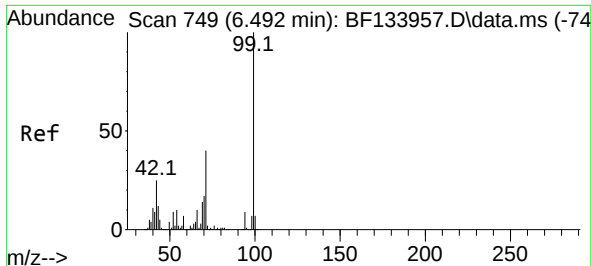
Tgt Ion:152 Resp: 133670
Ion Ratio Lower Upper
152 100
150 156.9 124.5 186.7
115 60.3 50.2 75.2



#5
2-Fluorophenol
Concen: 74.222 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF134154.D
Acq: 08 Jul 2023 18:16

Tgt Ion:112 Resp: 593103
Ion Ratio Lower Upper
112 100
64 63.7 52.1 78.1
63 36.4 28.6 42.8

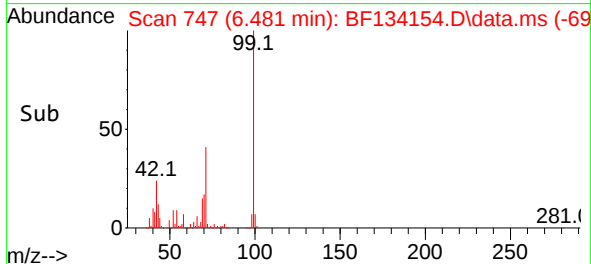
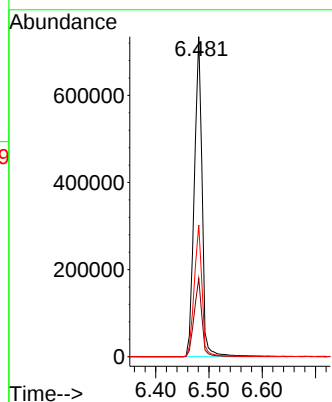
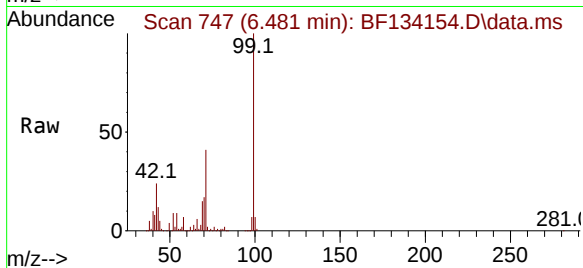




#7
Phenol-d6
Concen: 76.392 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF134154.D
Acq: 08 Jul 2023 18:16

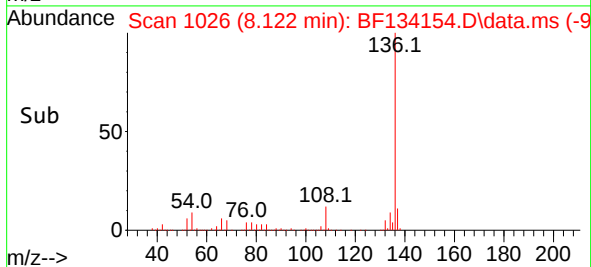
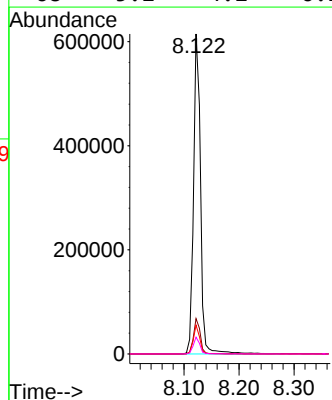
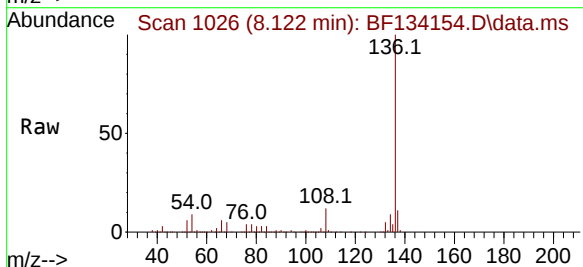
Instrument :
BNA_F
ClientSampleId :
WC-WWS-10

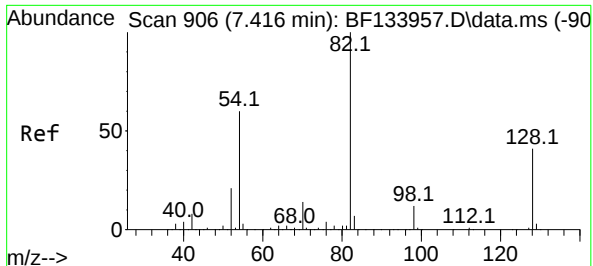
Tgt Ion: 99 Resp: 750722
Ion Ratio Lower Upper
99 100
42 24.4 19.8 29.6
71 41.1 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134154.D
Acq: 08 Jul 2023 18:16

Tgt Ion: 136 Resp: 539014
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

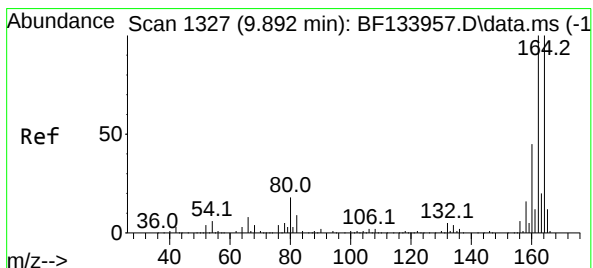
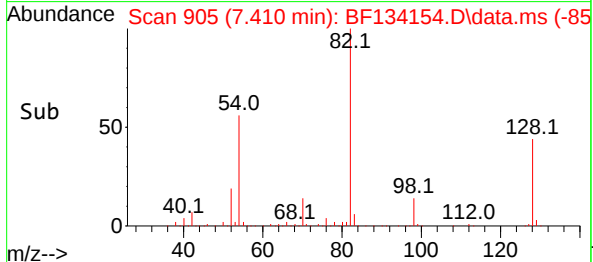
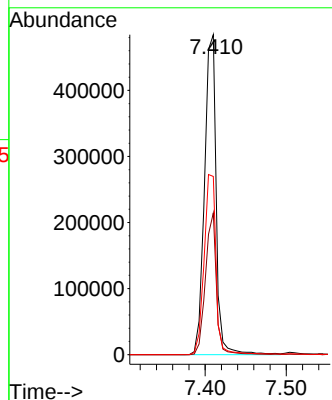
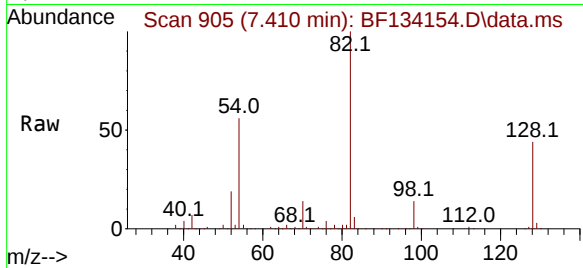




#23
Nitrobenzene-d5
Concen: 48.520 ng
RT: 7.410 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF134154.D
Acq: 08 Jul 2023 18:16

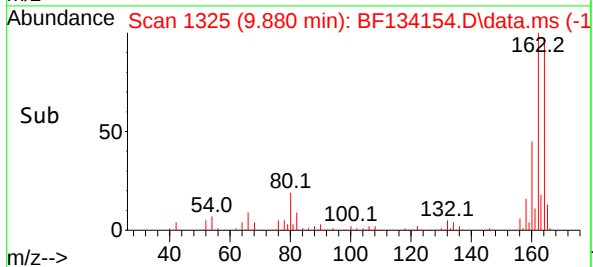
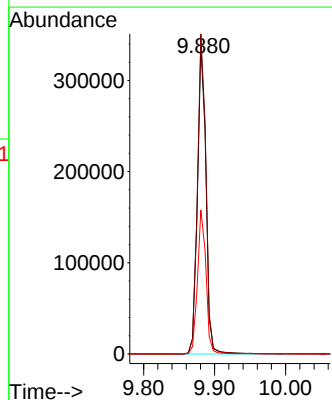
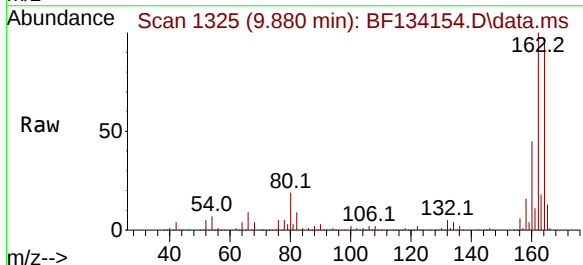
Instrument :
BNA_F
ClientSampleId :
WC-WWS-10

Tgt Ion: 82 Resp: 485161
Ion Ratio Lower Upper
82 100
128 44.3 32.5 48.7
54 55.7 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: BF134154.D
Acq: 08 Jul 2023 18:16

Tgt Ion:164 Resp: 283990
Ion Ratio Lower Upper
164 100
162 103.5 80.0 120.0
160 46.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 74.687 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.012 min

Lab File: BF134154.D

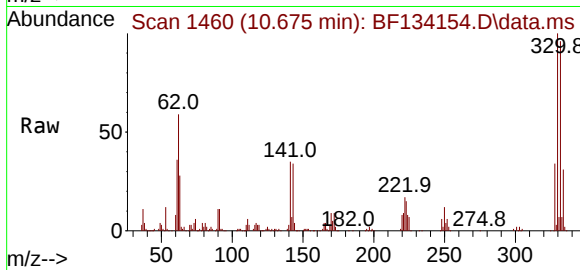
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Instrument :

BNA_F

ClientSampleId :

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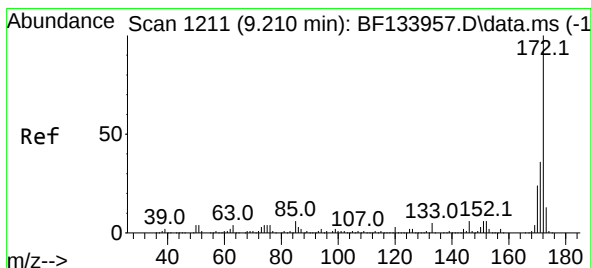
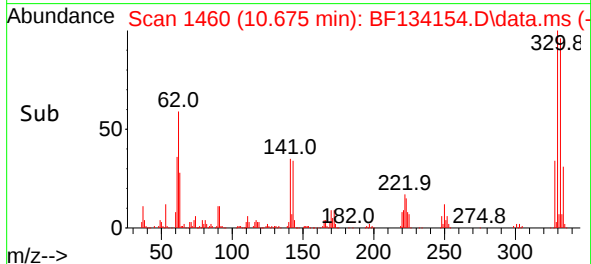
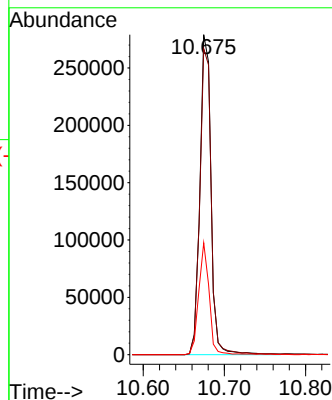
Tgt Ion:330 Resp: 265934

Ion Ratio Lower Upper

330 100

332 98.3 77.0 115.6

141 33.2 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 32.360 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.012 min

Lab File: BF134154.D

Acq: 08 Jul 2023 18:16

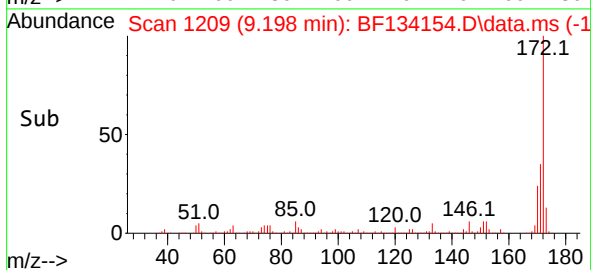
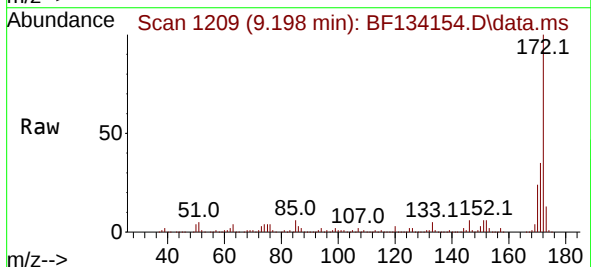
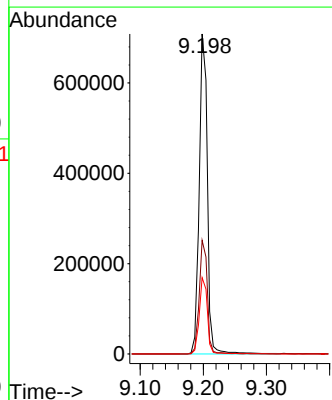
Tgt Ion:172 Resp: 632089

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 23.9 19.4 29.0

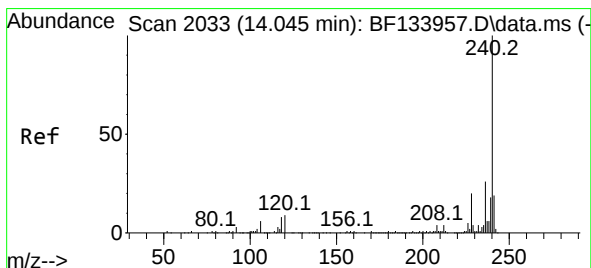
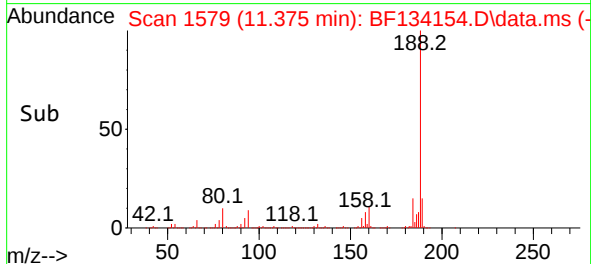
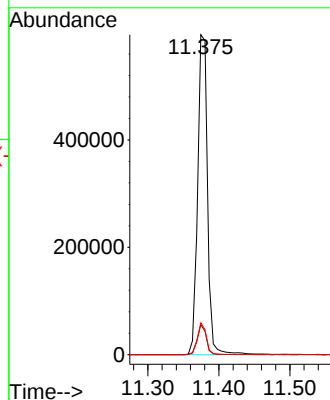
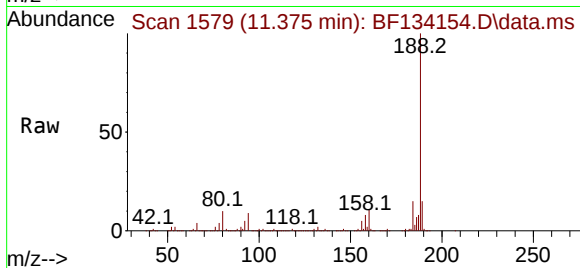




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134154.D
Acq: 08 Jul 2023 18:16

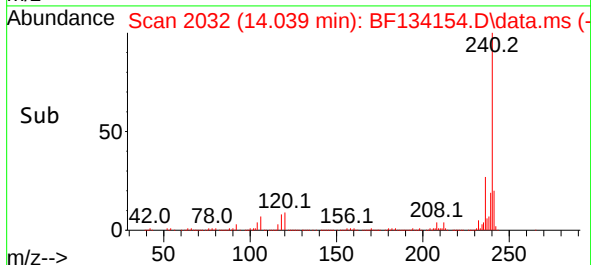
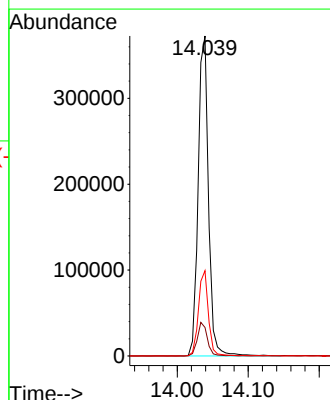
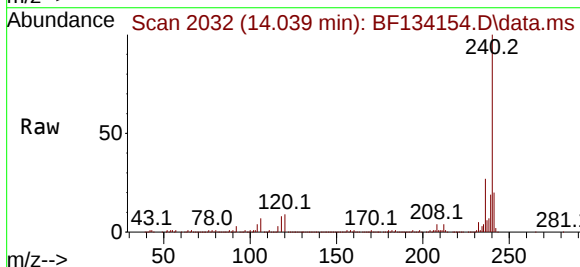
Instrument :
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WC-WWS-10

Tgt Ion:188 Resp: 577474
Ion Ratio Lower Upper
188 100
94 9.4 6.4 9.6
80 10.0 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: BF134154.D
Acq: 08 Jul 2023 18:16

Tgt Ion:240 Resp: 376988
Ion Ratio Lower Upper
240 100
120 8.9 7.4 11.0
236 26.6 21.0 31.6

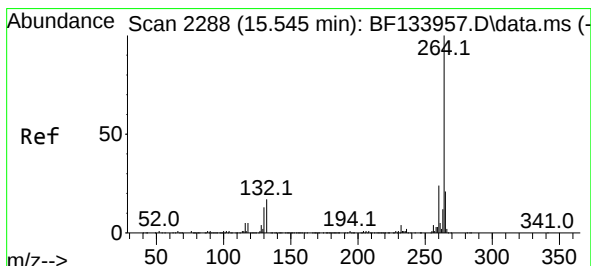
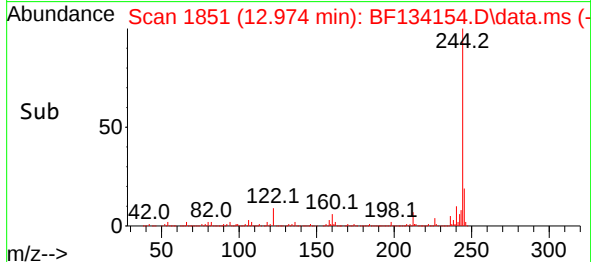
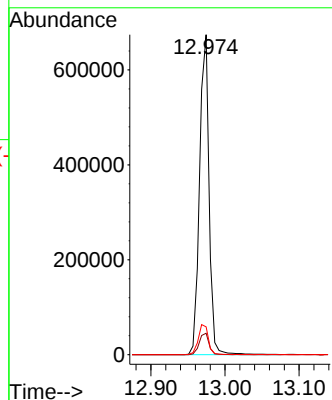
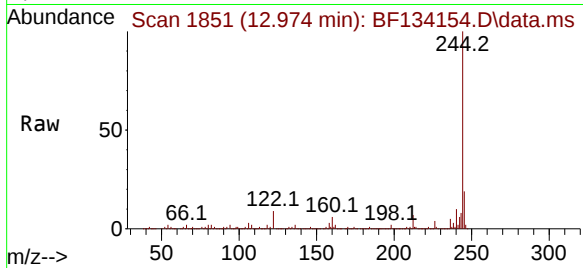




#79
 Terphenyl-d14
 Concen: 25.507 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF134154.D
 Acq: 08 Jul 2023 18:16

Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-10

Tgt Ion:244 Resp: 597473
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 8.7 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: BF134154.D
 Acq: 08 Jul 2023 18:16

Tgt Ion:264 Resp: 326288
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.5 16.6 25.0

