

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134166.D
 Acq On : 09 Jul 2023 02:17
 Operator : CG\JU
 Sample : 03509-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-01

Quant Time: Jul 09 04:19:08 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	141635	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	558887	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	289938	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	581397	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	371609	20.000	ng	#-0.02
86) Perylene-d12	15.539	264	300527	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1015387	119.921	ng	0.01
7) Phenol-d6	6.481	99	1245959	119.656	ng	-0.01
23) Nitrobenzene-d5	7.410	82	957239	92.327	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	542661	149.278	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1740301	87.267	ng	0.00
79) Terphenyl-d14	12.980	244	2328234	100.835	ng	0.00

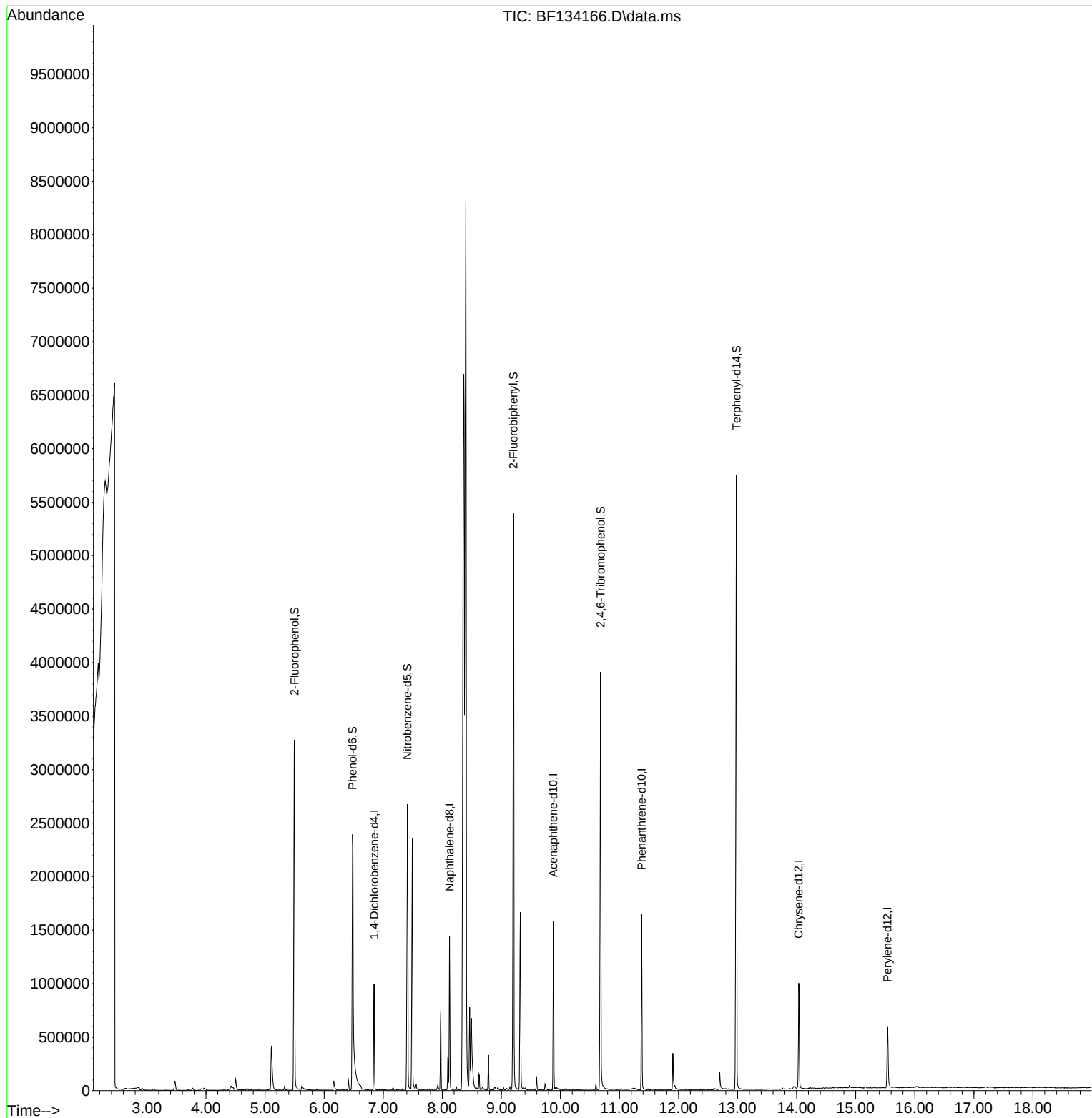
Target Compounds	Qvalue

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

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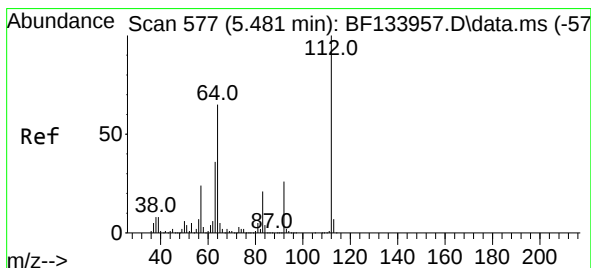
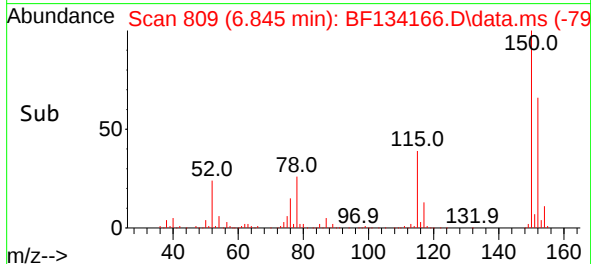
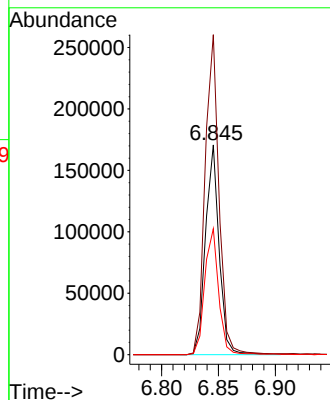
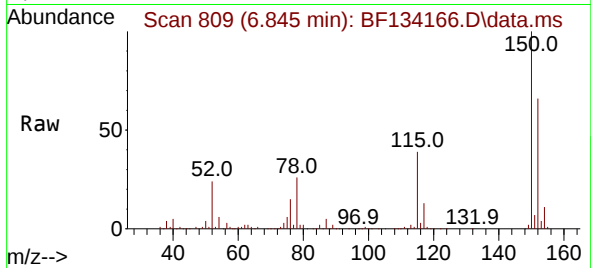




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134166.D
Acq: 09 Jul 2023 02:17

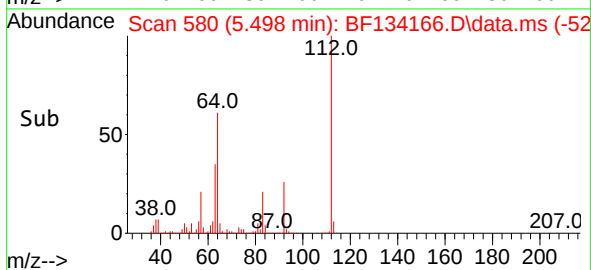
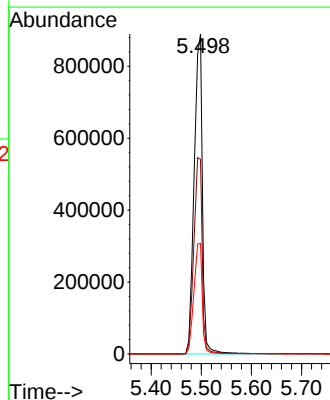
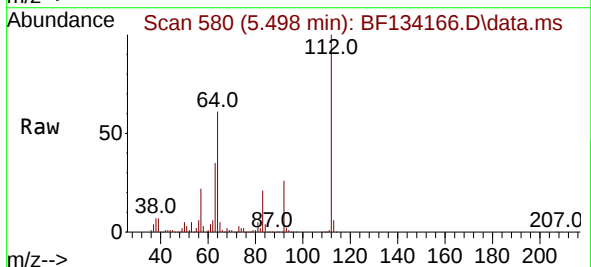
Instrument :
BNA_F
ClientSampleId :
WC-WWS-01

Tgt Ion:152 Resp: 141635
Ion Ratio Lower Upper
152 100
150 152.6 124.5 186.7
115 60.1 50.2 75.2



#5
2-Fluorophenol
Concen: 119.921 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF134166.D
Acq: 09 Jul 2023 02:17

Tgt Ion:112 Resp: 1015387
Ion Ratio Lower Upper
112 100
64 60.8 52.1 78.1
63 34.6 28.6 42.8



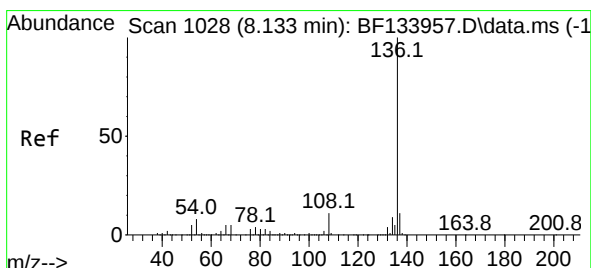
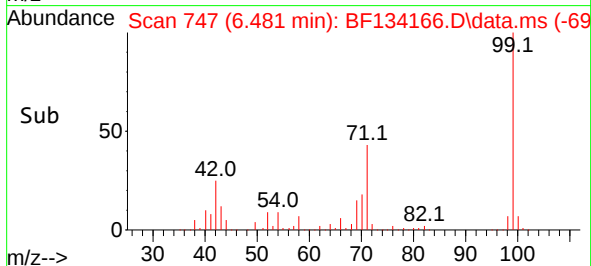
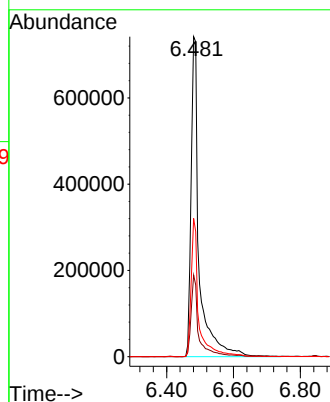
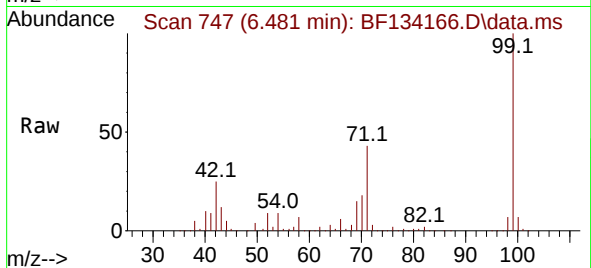


#7
Phenol-d6
Concen: 119.656 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF134166.D
Acq: 09 Jul 2023 02:17

Instrument :
BNA_F
ClientSampleId :
WC-WWS-01

Tgt Ion: 99 Resp: 1245959

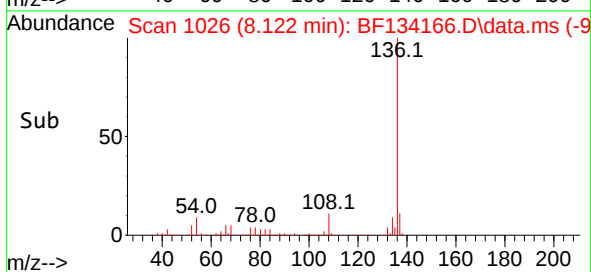
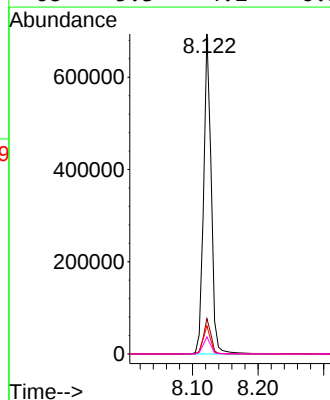
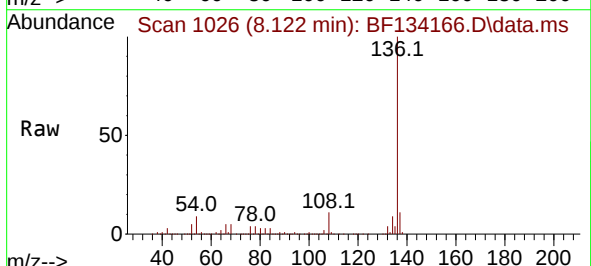
Ion	Ratio	Lower	Upper
99	100		
42	25.5	19.8	29.6
71	43.2	31.9	47.9

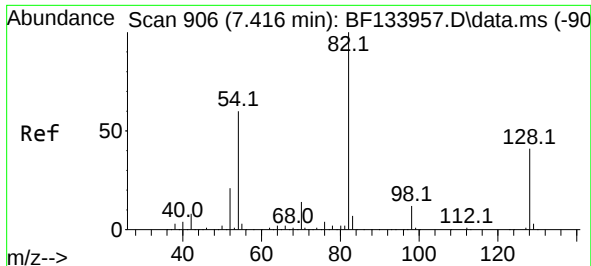


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134166.D
Acq: 09 Jul 2023 02:17

Tgt Ion: 136 Resp: 558887

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	8.8	6.5	9.7
68	5.3	4.2	6.2

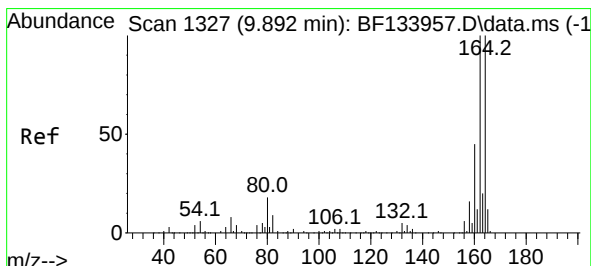
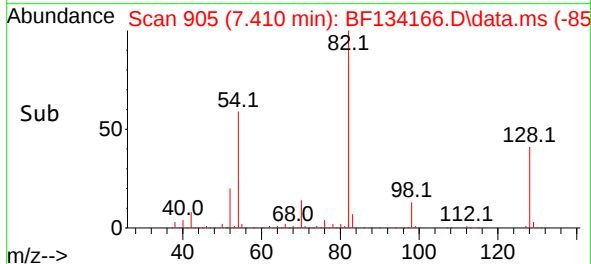
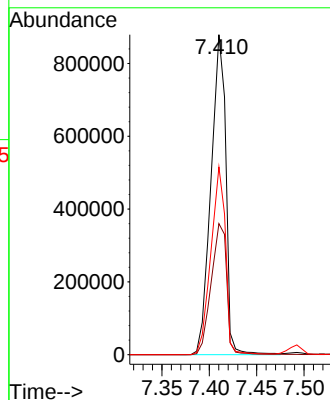
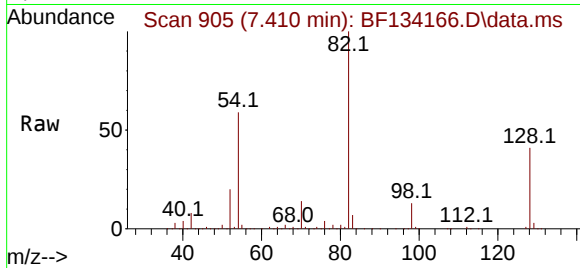




#23
Nitrobenzene-d5
Concen: 92.327 ng
RT: 7.410 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF134166.D
Acq: 09 Jul 2023 02:17

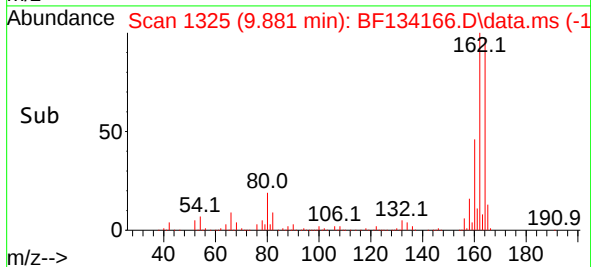
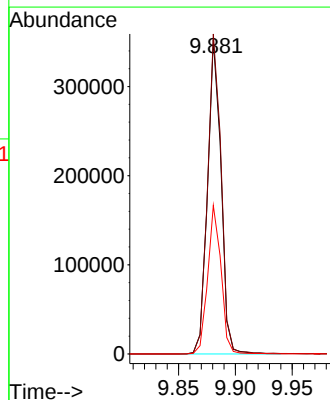
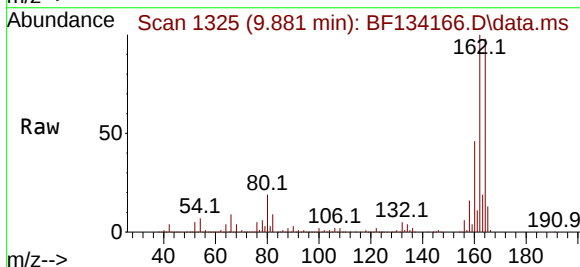
Instrument :
BNA_F
ClientSampleId :
WC-WWS-01

Tgt Ion: 82 Resp: 957239
Ion Ratio Lower Upper
82 100
128 41.0 32.5 48.7
54 58.7 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: BF134166.D
Acq: 09 Jul 2023 02:17

Tgt Ion:164 Resp: 289938
Ion Ratio Lower Upper
164 100
162 101.9 80.0 120.0
160 47.3 35.9 53.9

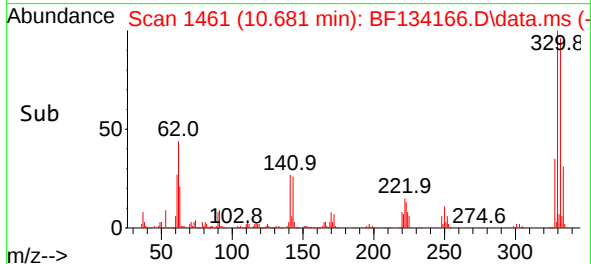
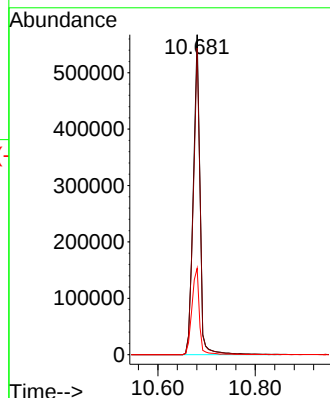
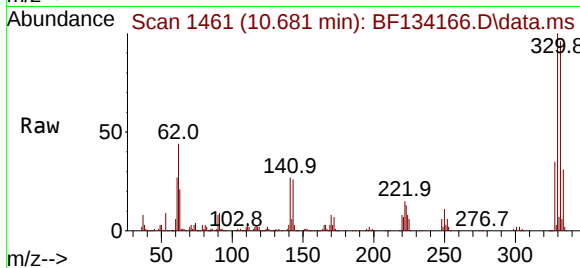




#42
2,4,6-Tribromophenol
Concen: 149.278 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF134166.D
Acq: 09 Jul 2023 02:17

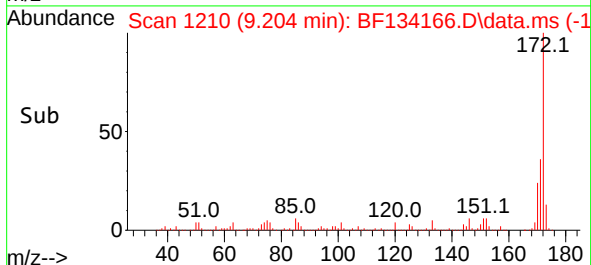
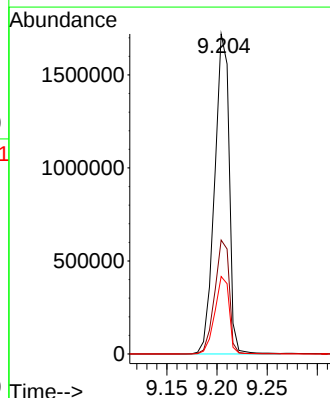
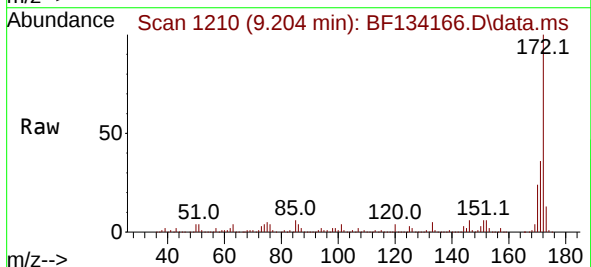
Instrument :
BNA_F
ClientSampleId :
WC-WWS-01

Tgt Ion:330 Resp: 542661
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 30.0 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 87.267 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134166.D
Acq: 09 Jul 2023 02:17

Tgt Ion:172 Resp: 1740301
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.2 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: BF134166.D

Acq: 09 Jul 2023 02:17

Instrument :

BNA_F

ClientSampleId :

WC-WWS-01

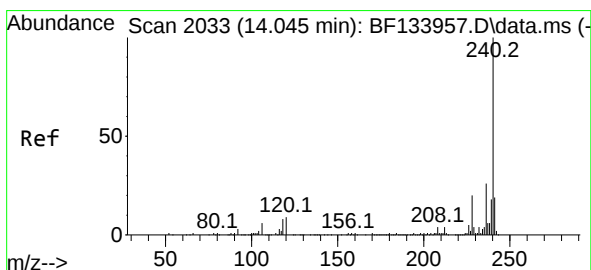
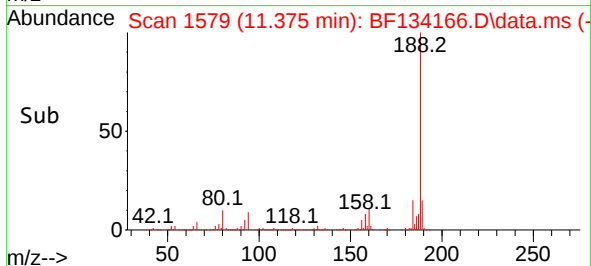
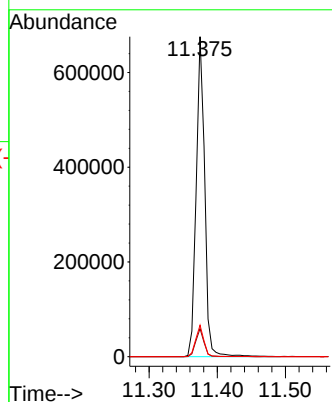
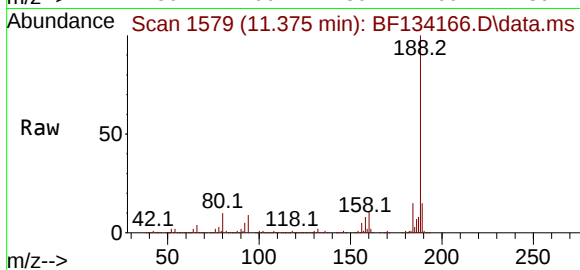
Tgt Ion:188 Resp: 581397

Ion Ratio Lower Upper

188 100

94 8.7 6.4 9.6

80 9.9 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: BF134166.D

Acq: 09 Jul 2023 02:17

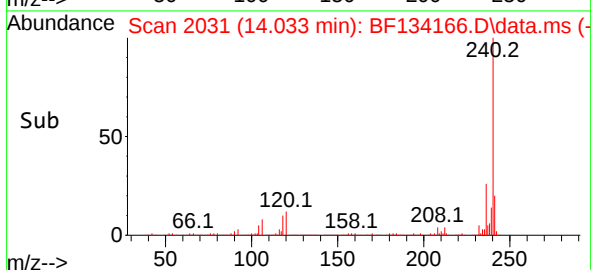
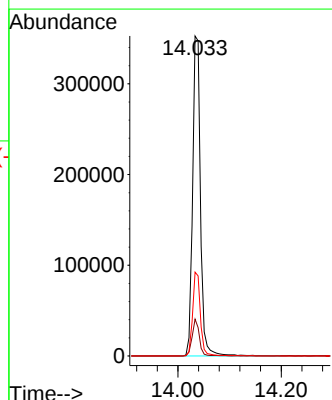
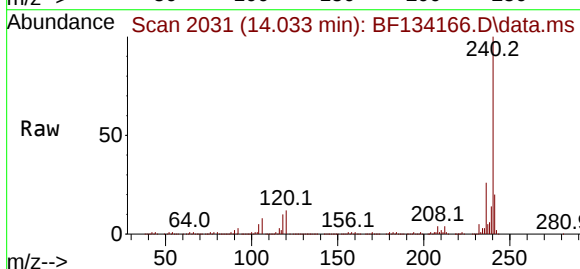
Tgt Ion:240 Resp: 371609

Ion Ratio Lower Upper

240 100

120 11.5 7.4 11.0#

236 26.2 21.0 31.6

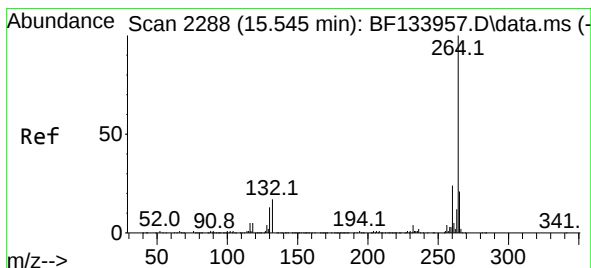
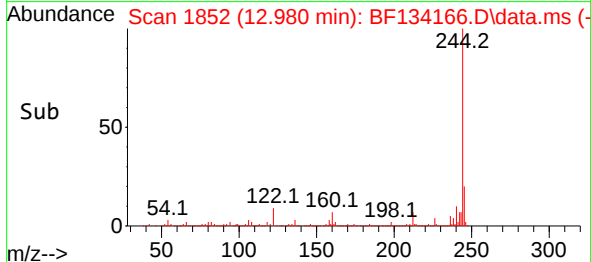
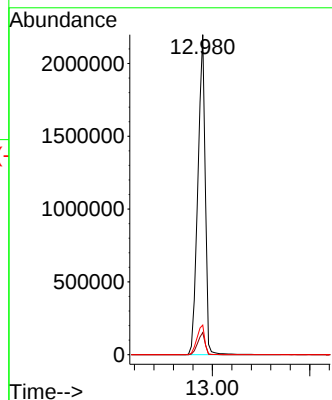
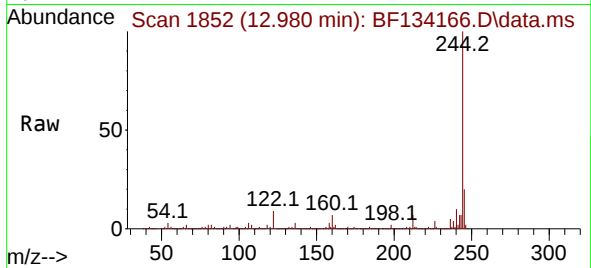




#79
 Terphenyl-d14
 Concen: 100.835 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134166.D
 Acq: 09 Jul 2023 02:17

Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-01

Tgt Ion:244 Resp: 2328234
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 9.2 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: BF134166.D
 Acq: 09 Jul 2023 02:17

Tgt Ion:264 Resp: 300527
 Ion Ratio Lower Upper
 264 100
 260 22.0 19.5 29.3
 265 20.9 16.6 25.0

