

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134113.D
 Acq On : 07 Jul 2023 00:12
 Operator : CG\JU
 Sample : 03492-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TB-CONC

Quant Time: Jul 07 01:34:28 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	80937	20.000	ng	0.00
21) Naphthalene-d8	8.121	136	304173	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	149213	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	286317	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	168210	20.000	ng	-0.02
86) Perylene-d12	15.539	264	148489	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.486	112	593111	122.581	ng	0.00
7) Phenol-d6	6.480	99	905030	152.095	ng	-0.01
23) Nitrobenzene-d5	7.410	82	681418	120.761	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	265966	142.164	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	1317966	128.419	ng	0.00
79) Terphenyl-d14	12.980	244	1515095	144.963	ng	0.00

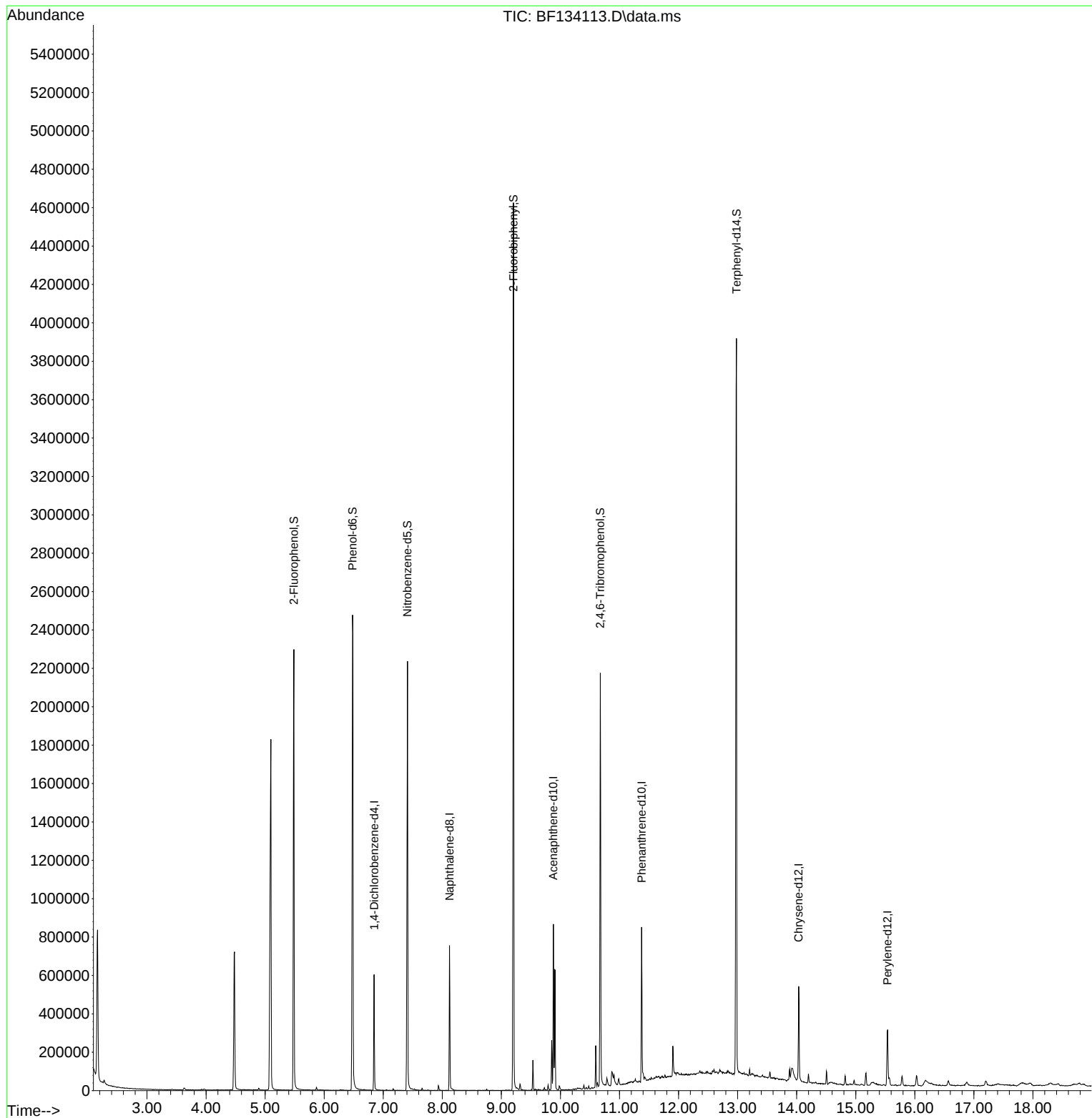
Target Compounds	Qvalue

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

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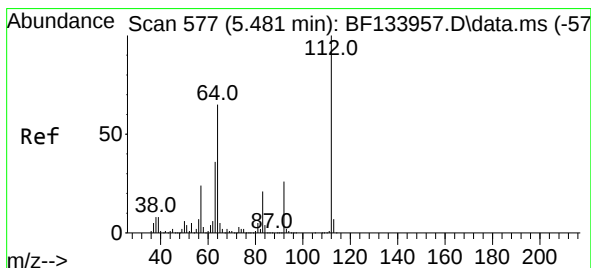
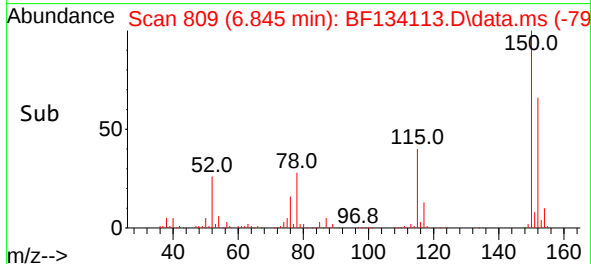
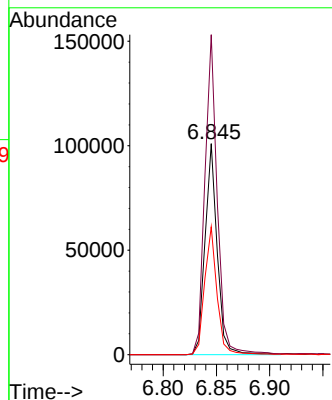
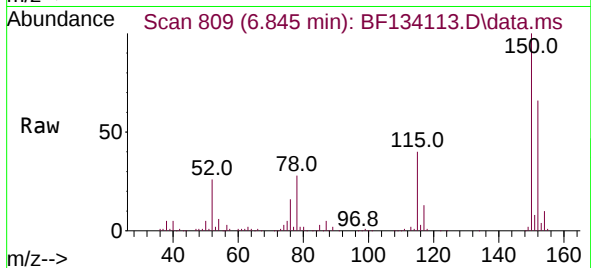




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF134113.D
 Acq: 07 Jul 2023 00:12

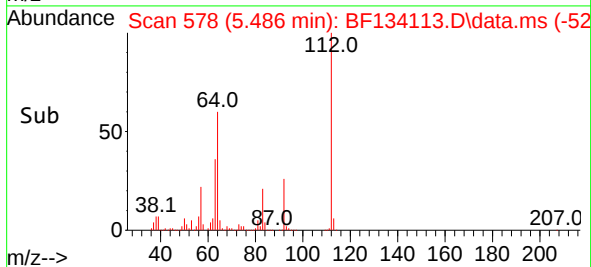
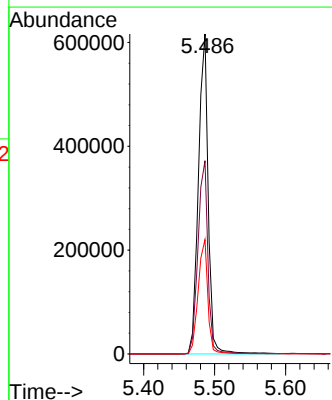
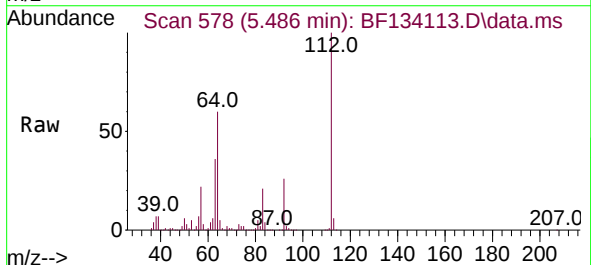
Instrument :
 BNA_F
 ClientSampleId :
 TB-CONC

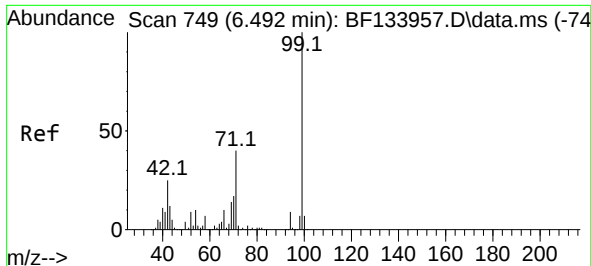
Tgt Ion:152 Resp: 80937
 Ion Ratio Lower Upper
 152 100
 150 151.6 124.5 186.7
 115 60.6 50.2 75.2



#5
 2-Fluorophenol
 Concen: 122.581 ng
 RT: 5.486 min Scan# 578
 Delta R.T. -0.000 min
 Lab File: BF134113.D
 Acq: 07 Jul 2023 00:12

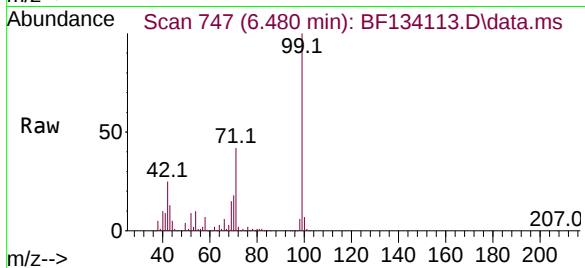
Tgt Ion:112 Resp: 593111
 Ion Ratio Lower Upper
 112 100
 64 60.4 52.1 78.1
 63 35.7 28.6 42.8





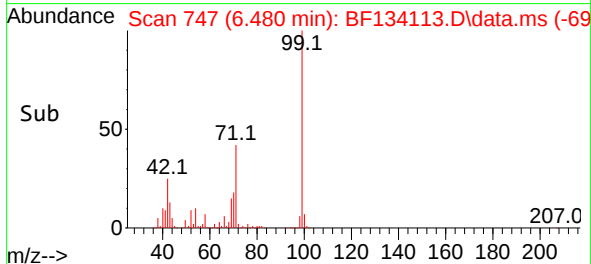
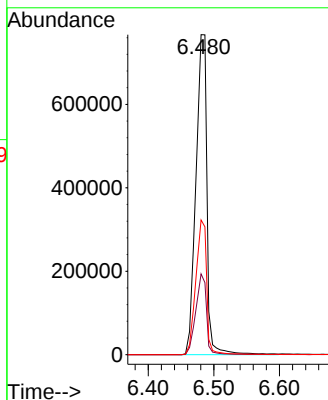
#7
Phenol-d6
Concen: 152.095 ng
RT: 6.480 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF134113.D
Acq: 07 Jul 2023 00:12

Instrument :
BNA_F
ClientSampleId :
TB-CONC



Tgt Ion: 99 Resp: 905030

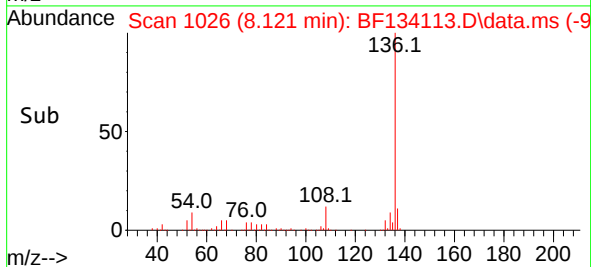
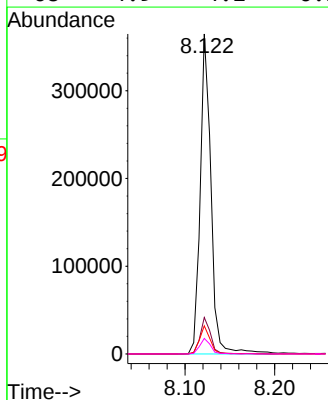
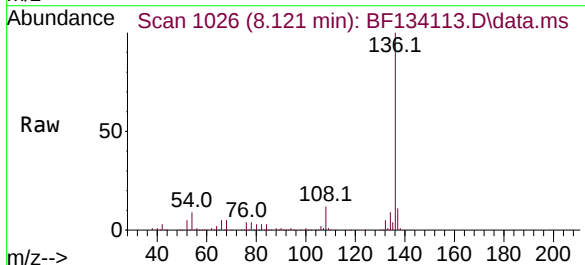
Ion	Ratio	Lower	Upper
99	100		
42	25.2	19.8	29.6
71	42.1	31.9	47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.121 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134113.D
Acq: 07 Jul 2023 00:12

Tgt Ion: 136 Resp: 304173

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	8.8	6.5	9.7
68	4.9	4.2	6.2





#23

Nitrobenzene-d5

Concen: 120.761 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF134113.D

Acq: 07 Jul 2023 00:12

Instrument :

BNA_F

ClientSampleId :

TB-CONC

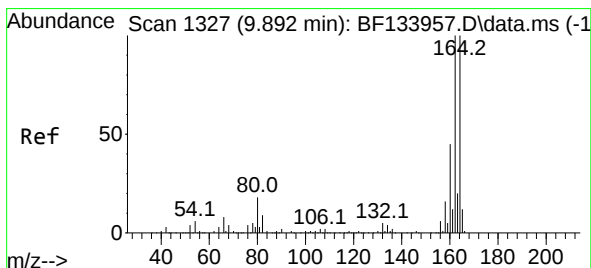
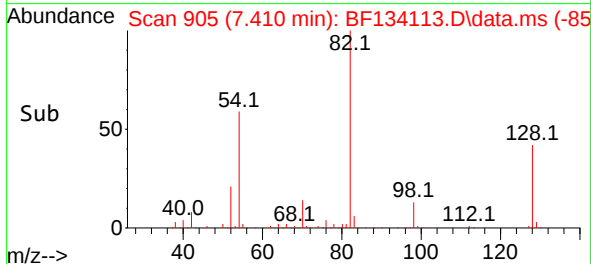
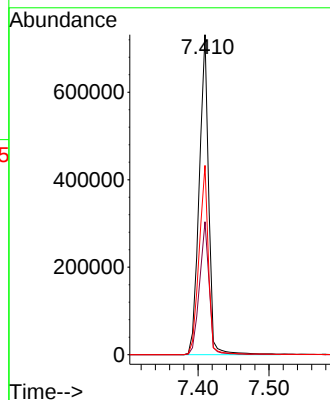
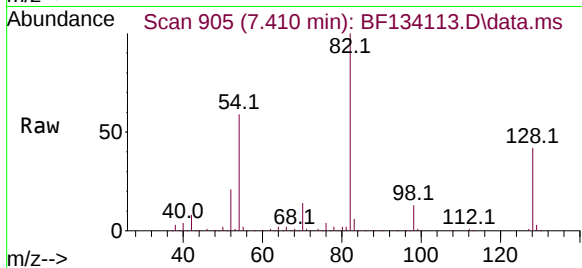
Tgt Ion: 82 Resp: 681418

Ion Ratio Lower Upper

82 100

128 41.5 32.5 48.7

54 59.2 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: BF134113.D

Acq: 07 Jul 2023 00:12

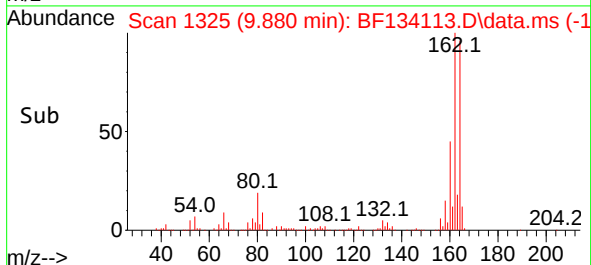
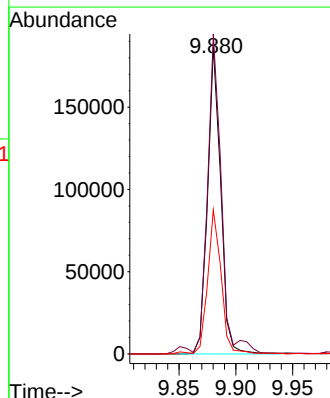
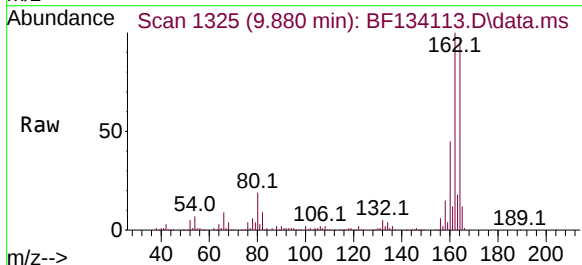
Tgt Ion:164 Resp: 149213

Ion Ratio Lower Upper

164 100

162 104.2 80.0 120.0

160 46.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 142.164 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.012 min

Lab File: BF134113.D

Acq: 07 Jul 2023 00:12

Instrument :

BNA_F

ClientSampleId :

TB-CONC

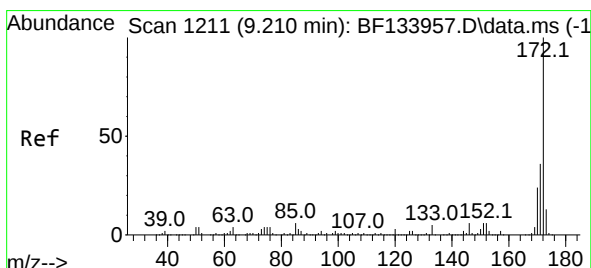
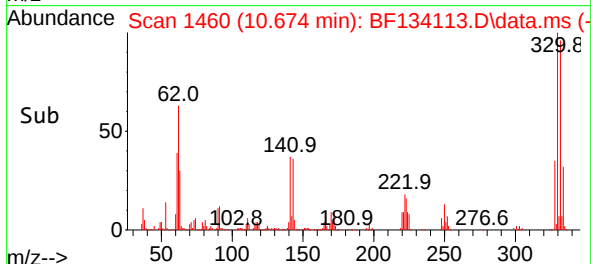
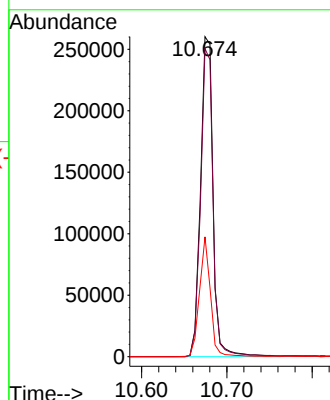
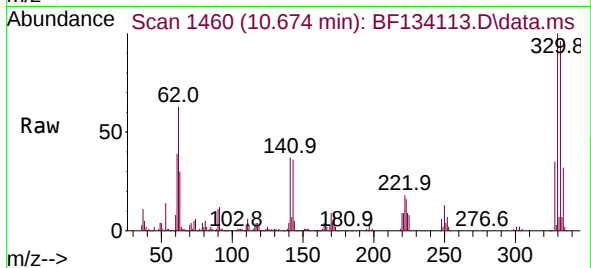
Tgt Ion:330 Resp: 265966

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

141 32.9 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 128.419 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134113.D

Acq: 07 Jul 2023 00:12

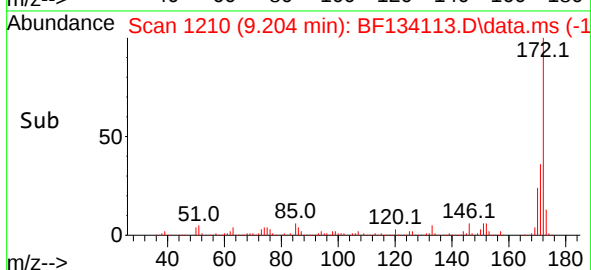
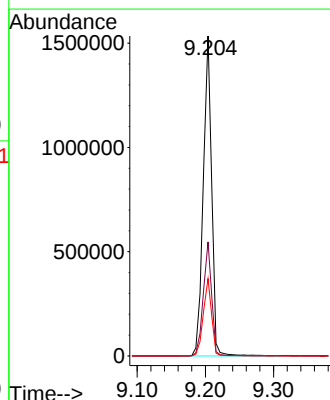
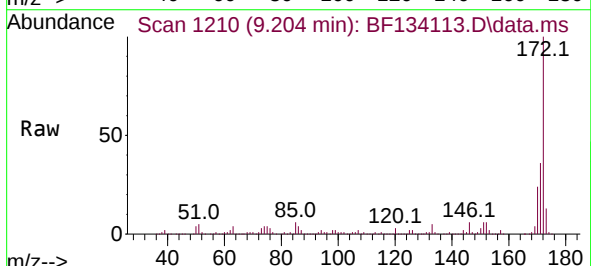
Tgt Ion:172 Resp: 1317966

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: 11.374 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134113.D

Acq: 07 Jul 2023 00:12

Instrument :

BNA_F

ClientSampleId :

TB-CONC

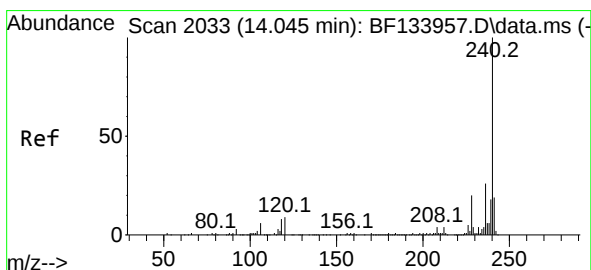
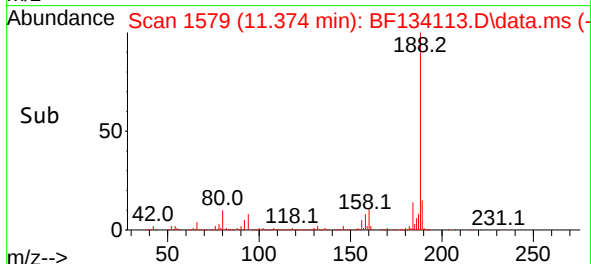
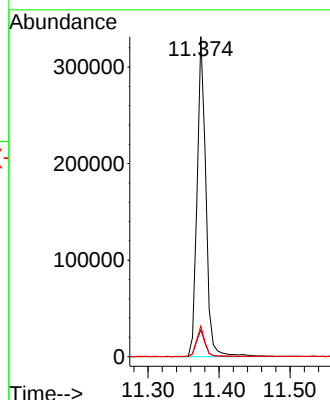
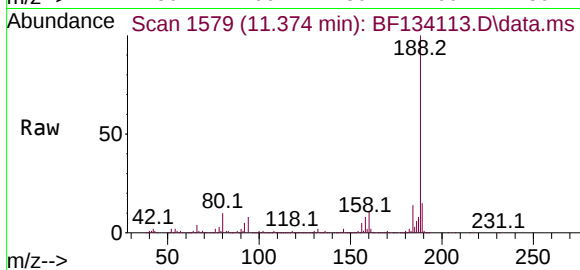
Tgt Ion:188 Resp: 286317

Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 9.6 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: BF134113.D

Acq: 07 Jul 2023 00:12

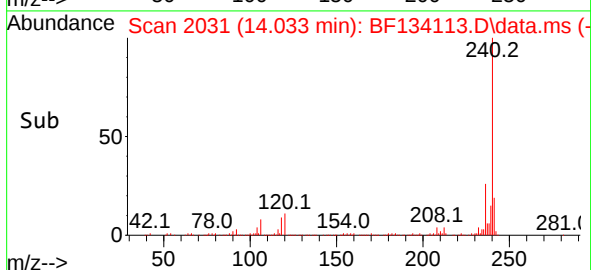
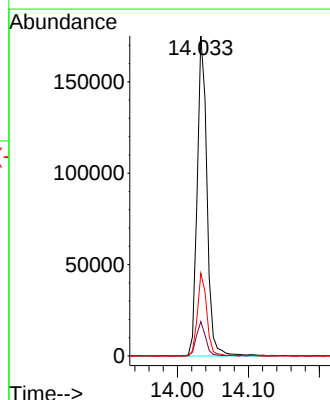
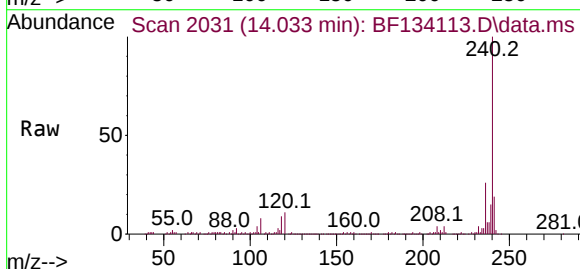
Tgt Ion:240 Resp: 168210

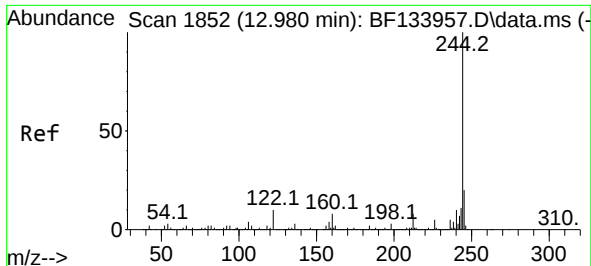
Ion Ratio Lower Upper

240 100

120 10.8 7.4 11.0

236 25.8 21.0 31.6

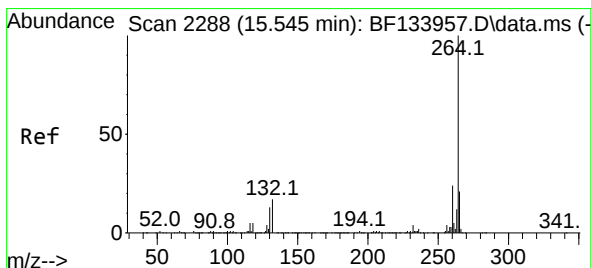
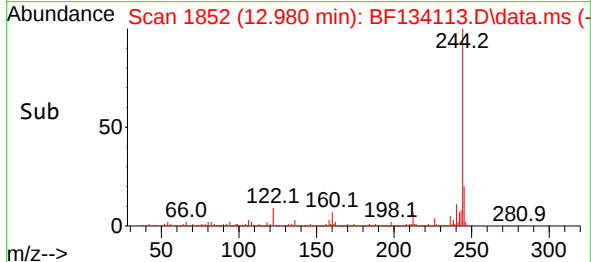
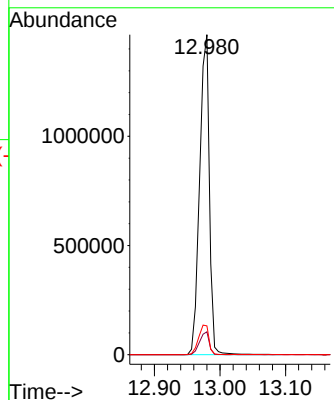
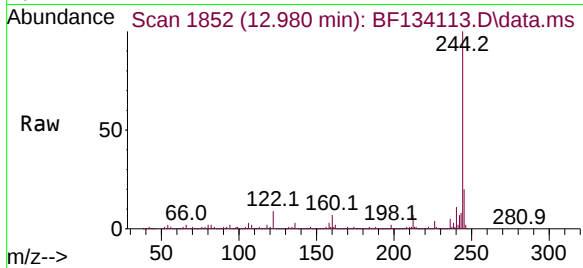




#79
 Terphenyl-d14
 Concen: 144.963 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134113.D
 Acq: 07 Jul 2023 00:12

Instrument :
 BNA_F
 ClientSampleId :
 TB-CONC

Tgt Ion:244 Resp: 1515095
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.0 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: BF134113.D
 Acq: 07 Jul 2023 00:12

Tgt Ion:264 Resp: 148489
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 22.0 16.6 25.0

