

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134114.D
 Acq On : 07 Jul 2023 00:47
 Operator : CG\JU
 Sample : 03375-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-5-062123

Quant Time: Jul 07 01:34:46 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	95498	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	375465	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	185568	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	367228	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	233867	20.000	ng	#-0.02
86) Perylene-d12	15.539	264	194677	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	220089	38.551	ng	-0.01
7) Phenol-d6	6.469	99	160968	22.927	ng	-0.02
23) Nitrobenzene-d5	7.404	82	414879	59.564	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	197853	85.038	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	773222	60.581	ng	0.00
79) Terphenyl-d14	12.974	244	962723	66.252	ng	-0.01

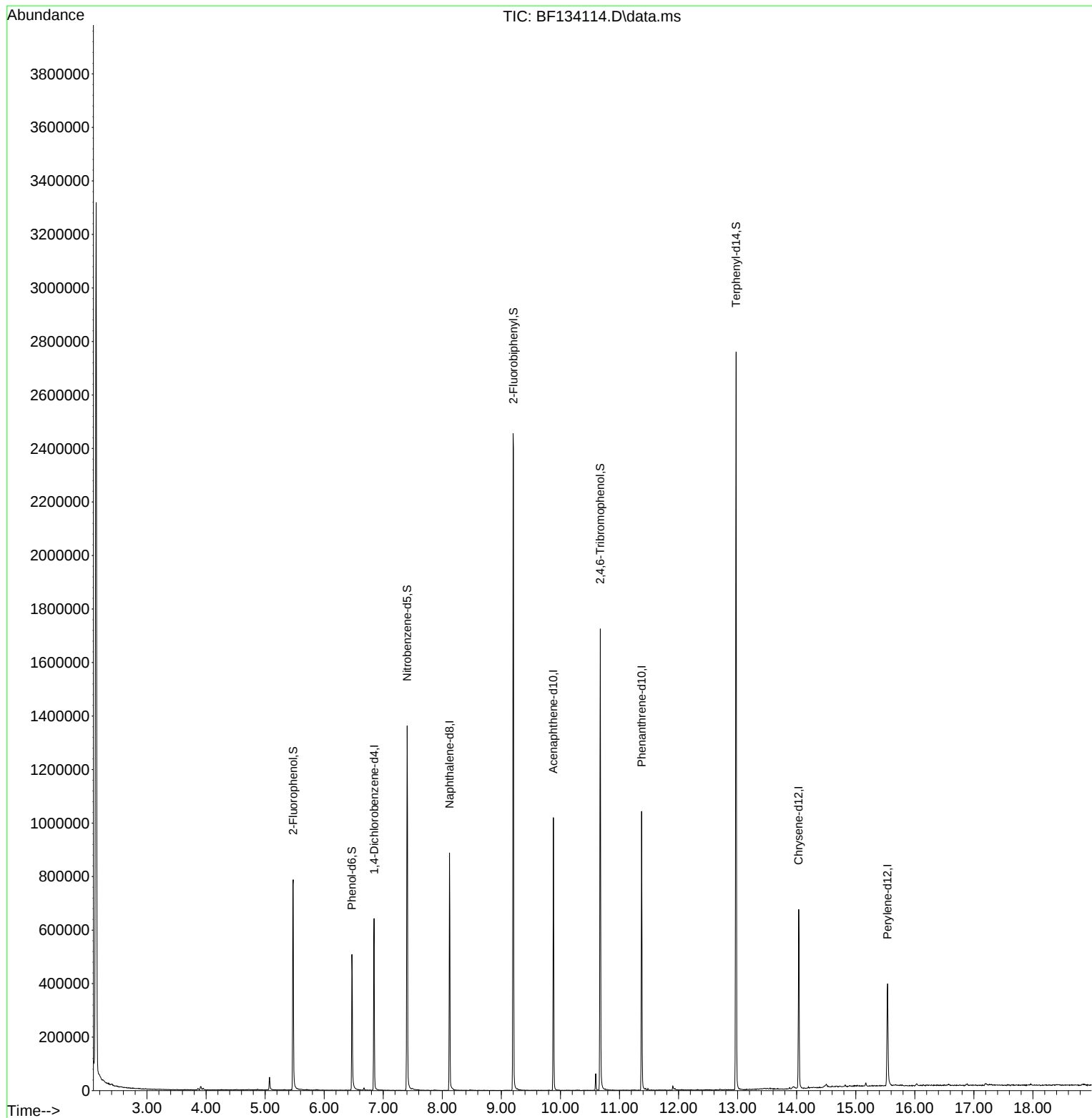
Target Compounds	Qvalue

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

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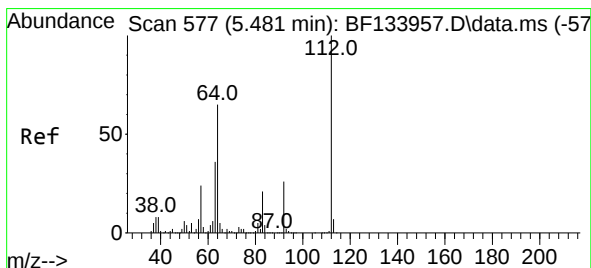
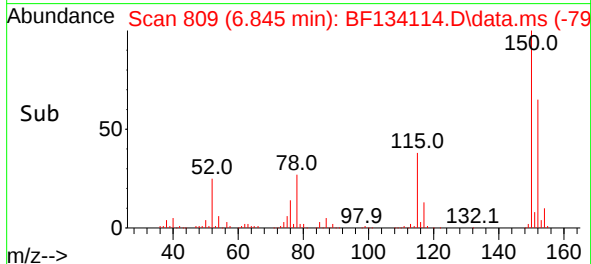
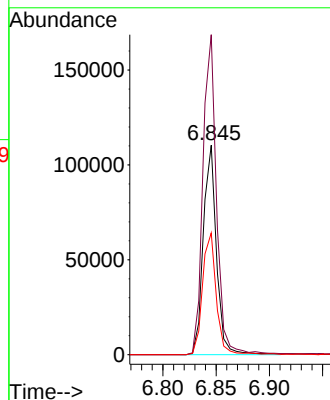
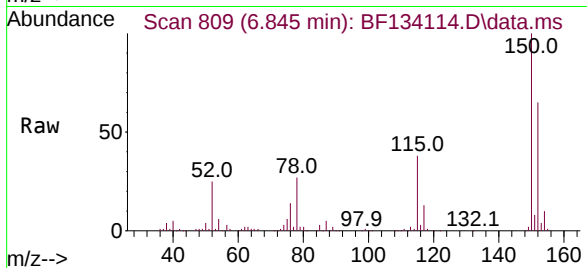




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134114.D
Acq: 07 Jul 2023 00:47

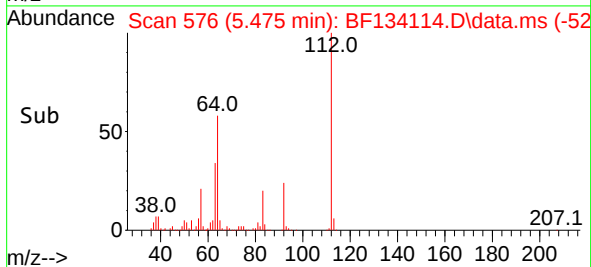
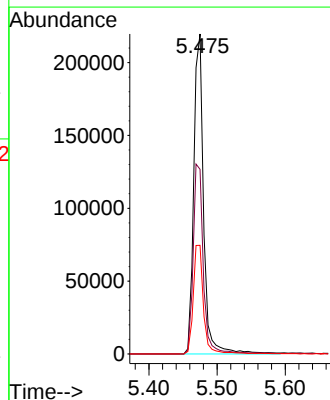
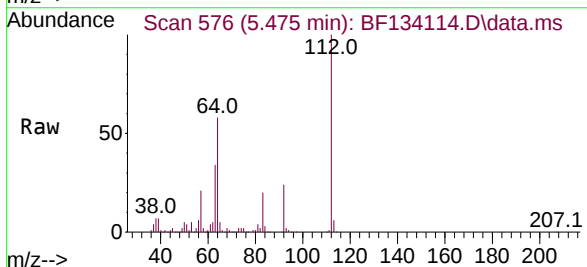
Instrument :
BNA_F
ClientSampleId :
FB-5-062123

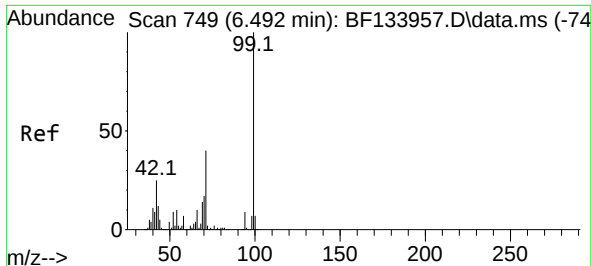
Tgt Ion:152 Resp: 95498
Ion Ratio Lower Upper
152 100
150 152.8 124.5 186.7
115 58.1 50.2 75.2



#5
2-Fluorophenol
Concen: 38.551 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF134114.D
Acq: 07 Jul 2023 00:47

Tgt Ion:112 Resp: 220089
Ion Ratio Lower Upper
112 100
64 57.7 52.1 78.1
63 33.9 28.6 42.8





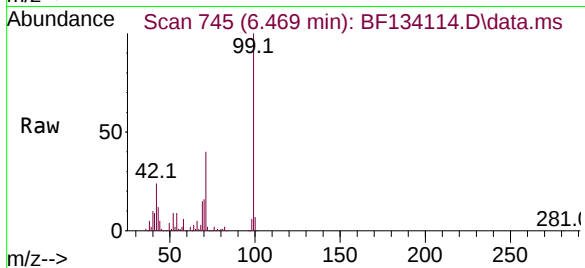
#7
Phenol-d6
Concen: 22.927 ng
RT: 6.469 min Scan# 749
Delta R.T. -0.024 min
Lab File: BF134114.D
Acq: 07 Jul 2023 00:47

Instrument :

BNA_F

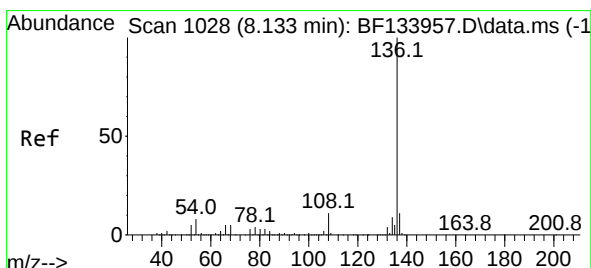
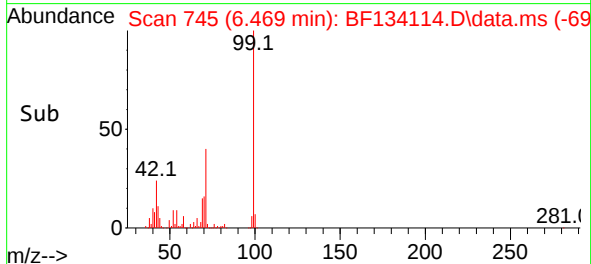
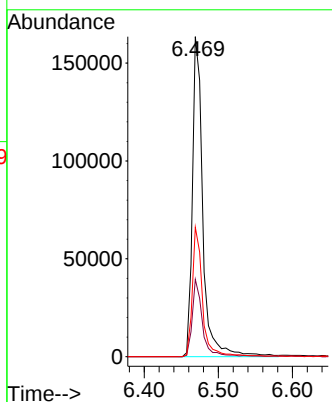
ClientSampleId :

FB-5-062123



Tgt Ion: 99 Resp: 160968

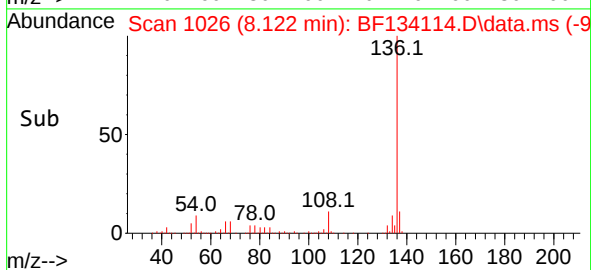
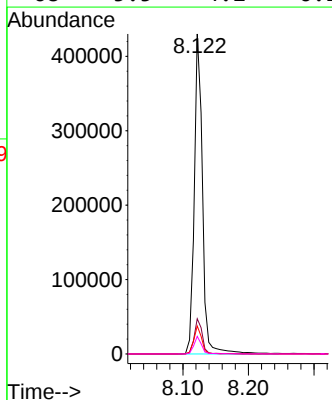
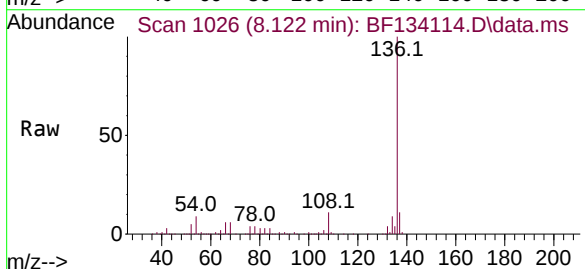
Ion	Ratio	Lower	Upper
99	100		
42	24.1	19.8	29.6
71	40.4	31.9	47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134114.D
Acq: 07 Jul 2023 00:47

Tgt Ion: 136 Resp: 375465

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	8.7	6.5	9.7
68	5.5	4.2	6.2

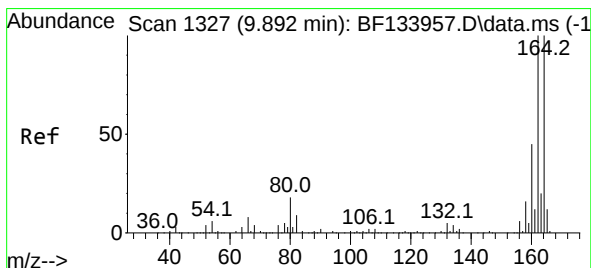
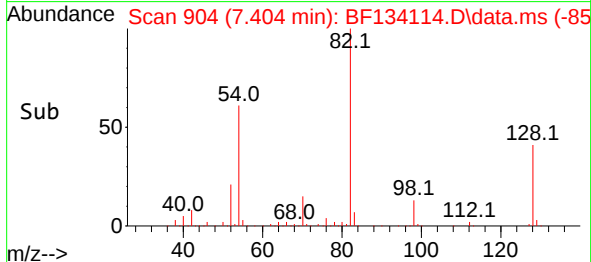
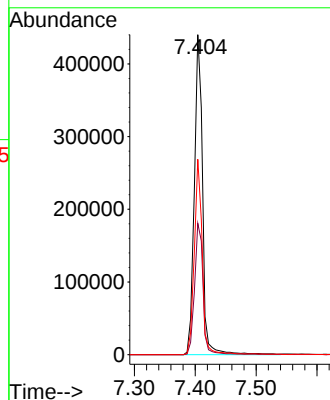
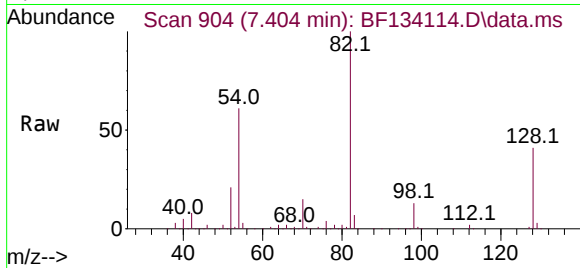




#23
 Nitrobenzene-d5
 Concen: 59.564 ng
 RT: 7.404 min Scan# 906
 Delta R.T. -0.018 min
 Lab File: BF134114.D
 Acq: 07 Jul 2023 00:47

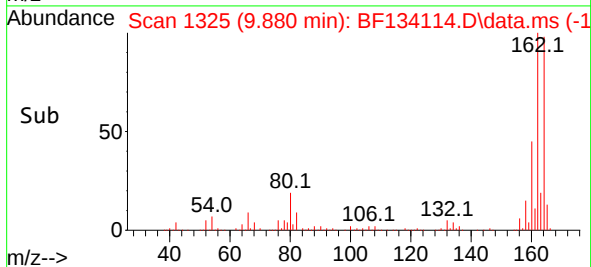
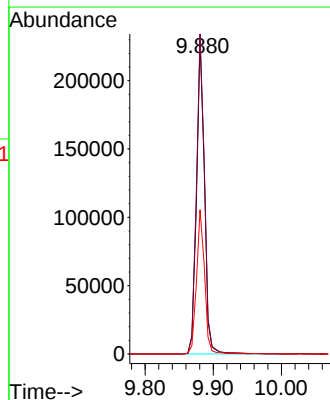
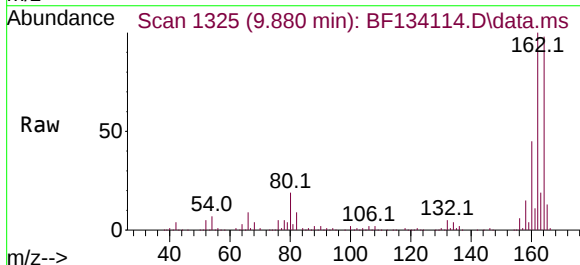
Instrument :
 BNA_F
 ClientSampleId :
 FB-5-062123

Tgt Ion: 82 Resp: 414879
 Ion Ratio Lower Upper
 82 100
 128 41.1 32.5 48.7
 54 61.1 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: BF134114.D
 Acq: 07 Jul 2023 00:47

Tgt Ion:164 Resp: 185568
 Ion Ratio Lower Upper
 164 100
 162 101.8 80.0 120.0
 160 45.8 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 85.038 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.012 min

Lab File: BF134114.D

Acq: 07 Jul 2023 00:47

Instrument :

BNA_F

ClientSampleId :

FB-5-062123

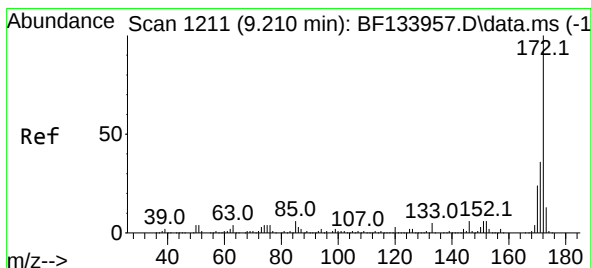
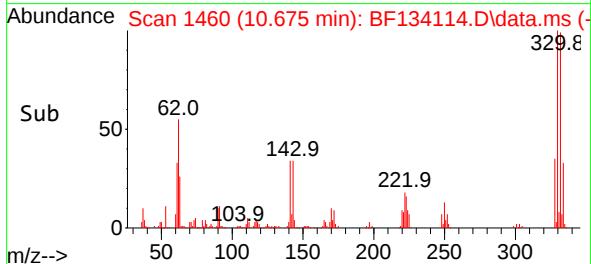
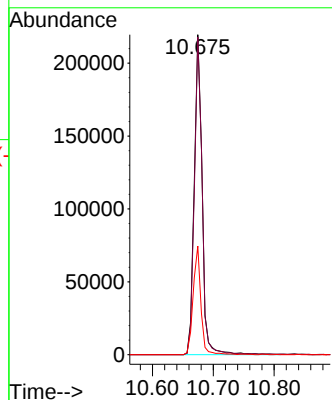
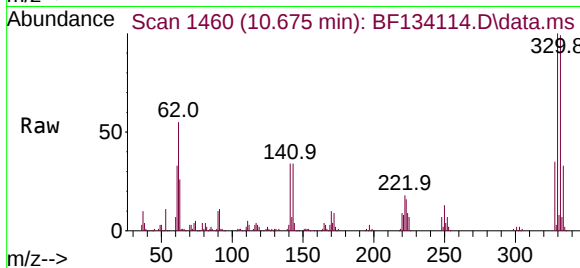
Tgt Ion:330 Resp: 197853

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

141 33.0 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 60.581 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134114.D

Acq: 07 Jul 2023 00:47

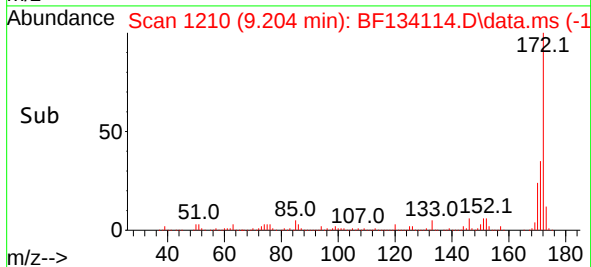
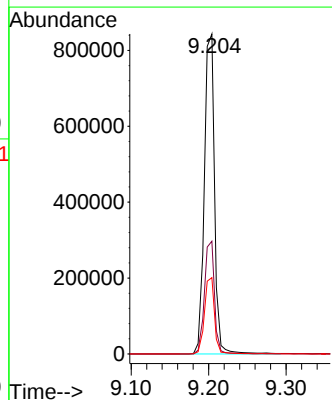
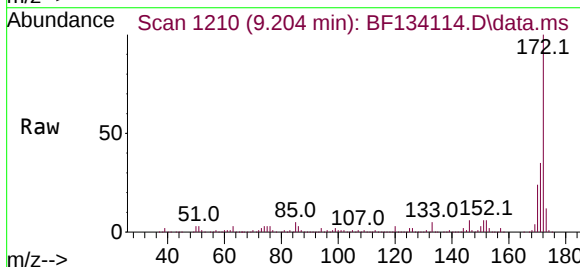
Tgt Ion:172 Resp: 773222

Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 23.9 19.4 29.0

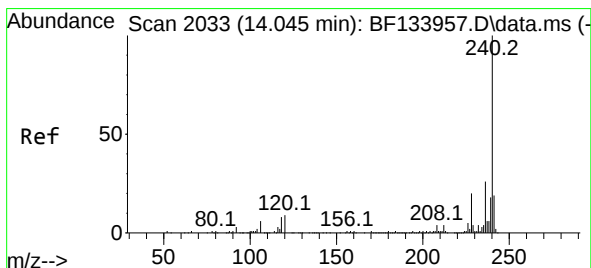
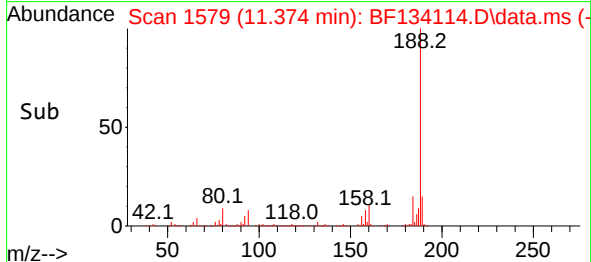
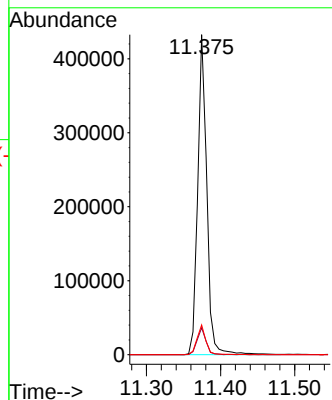
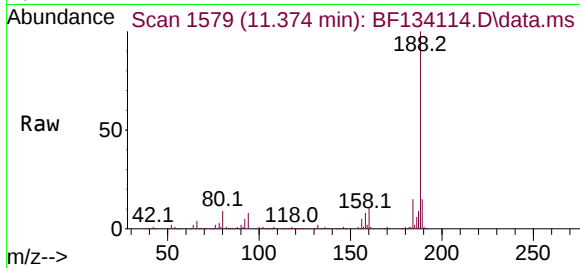




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134114.D
Acq: 07 Jul 2023 00:47

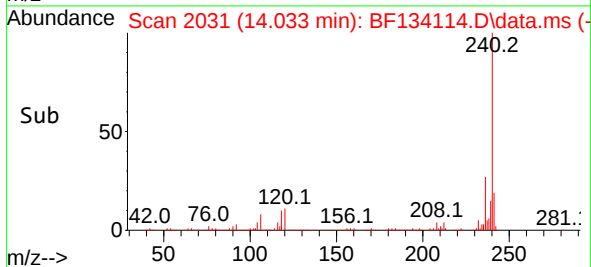
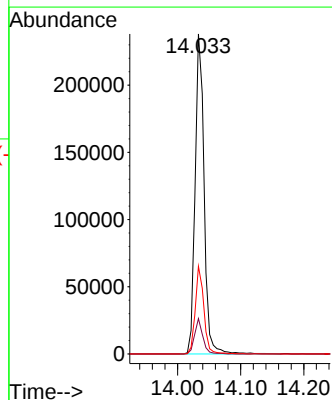
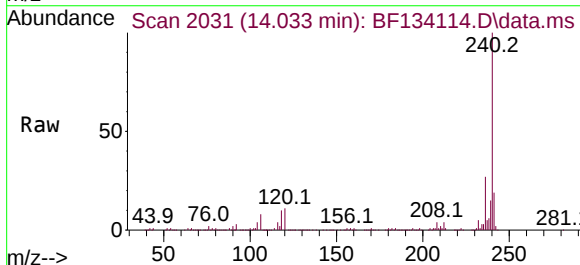
Instrument :
BNA_F
ClientSampleId :
FB-5-062123

Tgt Ion:188 Resp: 367228
Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 9.3 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: BF134114.D
Acq: 07 Jul 2023 00:47

Tgt Ion:240 Resp: 233867
Ion Ratio Lower Upper
240 100
120 11.1 7.4 11.0#
236 27.4 21.0 31.6

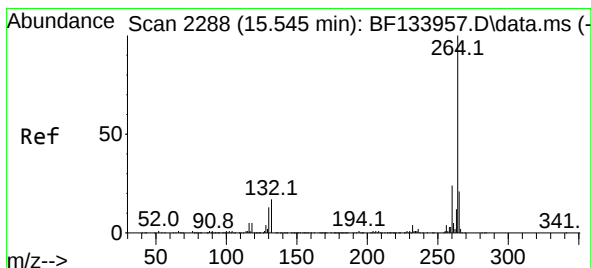
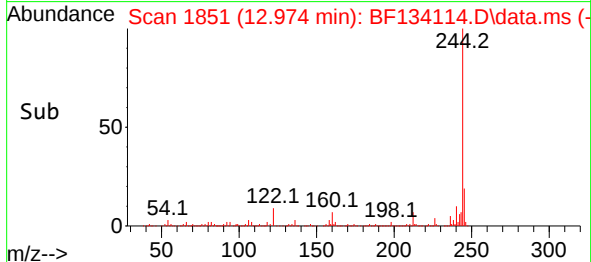
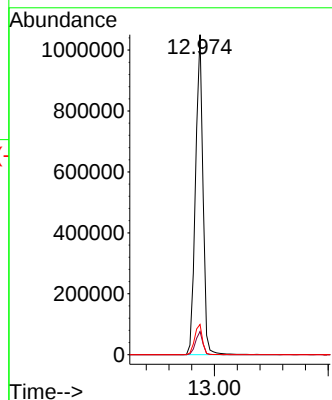
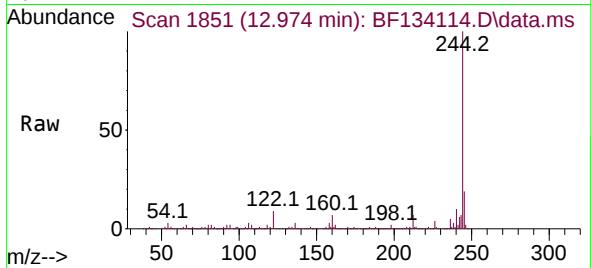




#79
 Terphenyl-d14
 Concen: 66.252 ng
 RT: 12.974 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF134114.D
 Acq: 07 Jul 2023 00:47

Instrument :
 BNA_F
 ClientSampleId :
 FB-5-062123

Tgt Ion:244 Resp: 962723
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.5 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: BF134114.D
 Acq: 07 Jul 2023 00:47

Tgt Ion:264 Resp: 194677
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.7 16.6 25.0

