

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134120.D
 Acq On : 07 Jul 2023 04:09
 Operator : CG\JU
 Sample : 03368-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-30

Quant Time: Jul 07 04:32:59 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	95467	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	373855	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	191252	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	400952	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	230774	20.000	ng	-0.02
86) Perylene-d12	15.539	264	192427	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	645904	113.175	ng	0.00
7) Phenol-d6	6.481	99	790527	112.633	ng	-0.01
23) Nitrobenzene-d5	7.404	82	533963	76.991	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	253292	105.630	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	1026627	78.044	ng	0.00
79) Terphenyl-d14	12.974	244	1180407	82.322	ng	-0.01

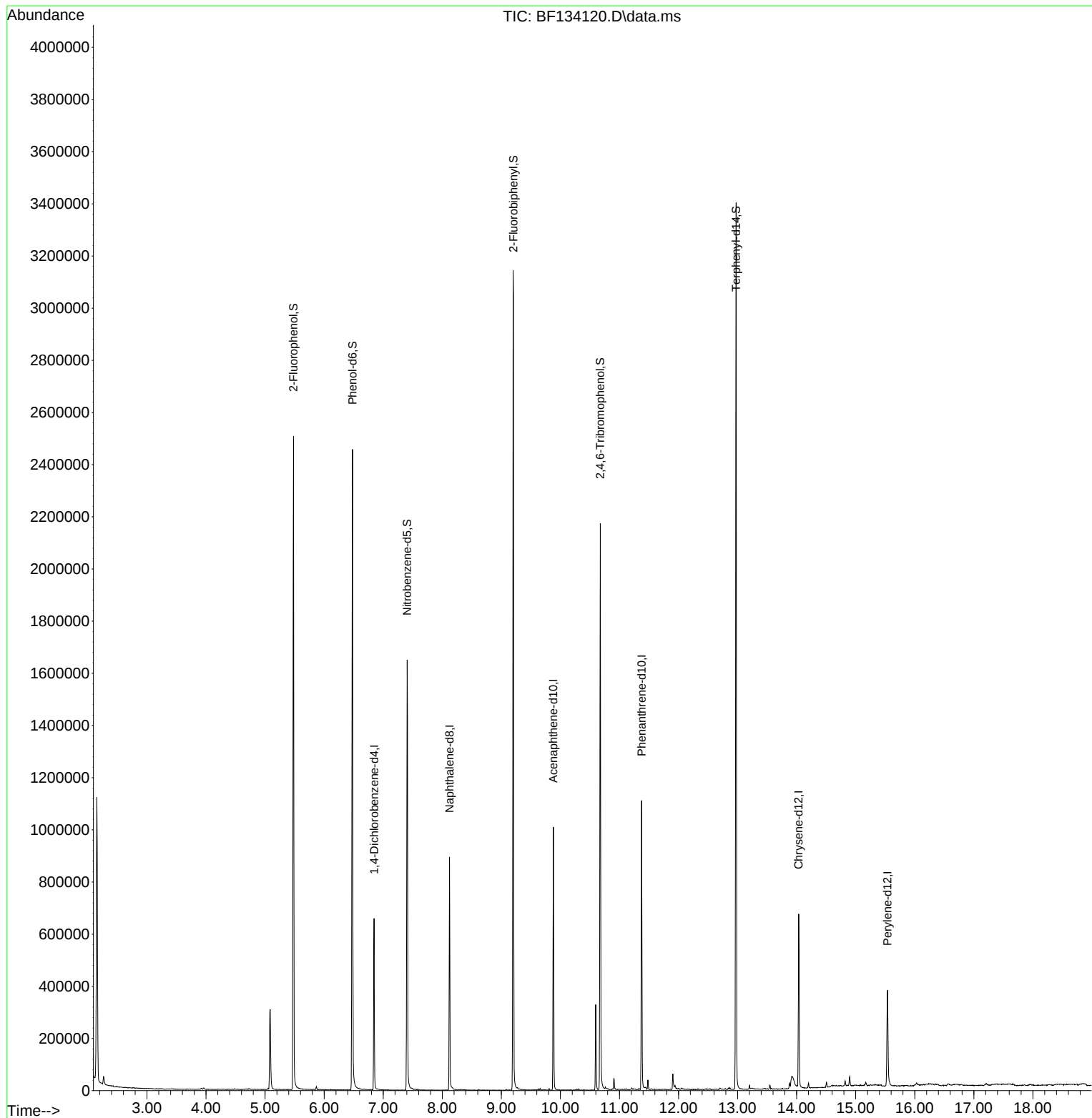
Target Compounds	Qvalue

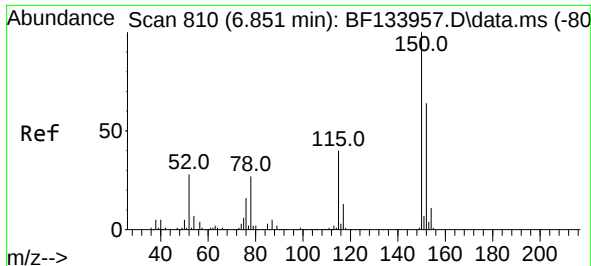
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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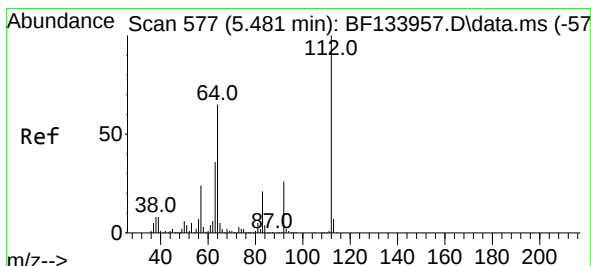
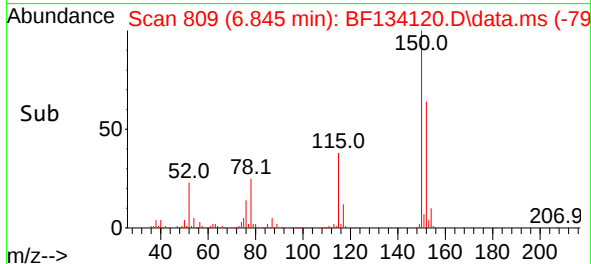
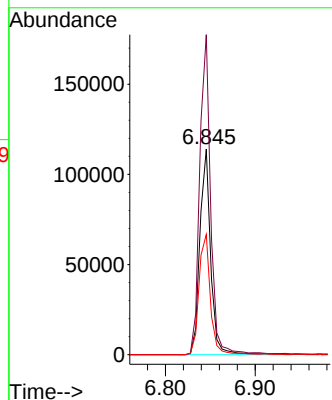
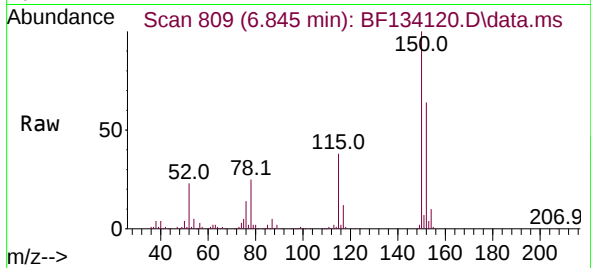




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 810
 Delta R.T. -0.006 min
 Lab File: BF134120.D
 Acq: 07 Jul 2023 04:09

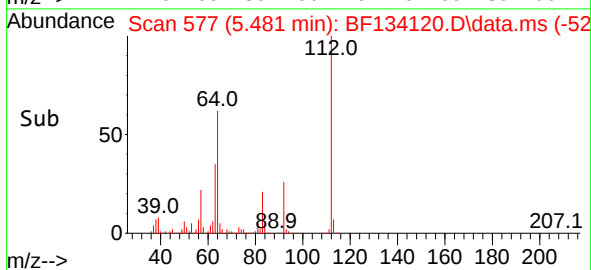
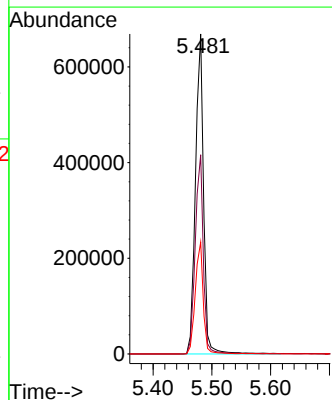
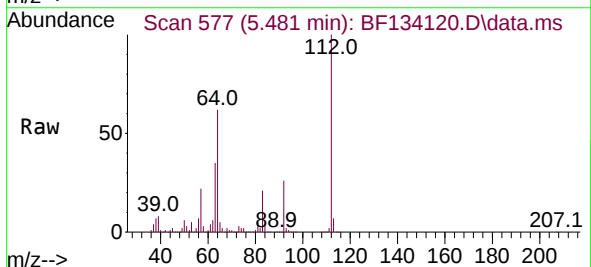
Instrument :
 BNA_F
 ClientSampleId :
 CF-30

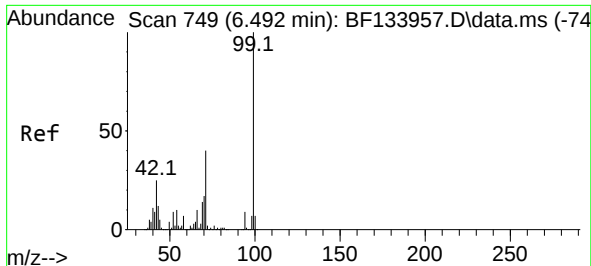
Tgt Ion:152 Resp: 95467
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.5 186.7
 115 58.5 50.2 75.2



#5
 2-Fluorophenol
 Concen: 113.175 ng
 RT: 5.481 min Scan# 577
 Delta R.T. -0.006 min
 Lab File: BF134120.D
 Acq: 07 Jul 2023 04:09

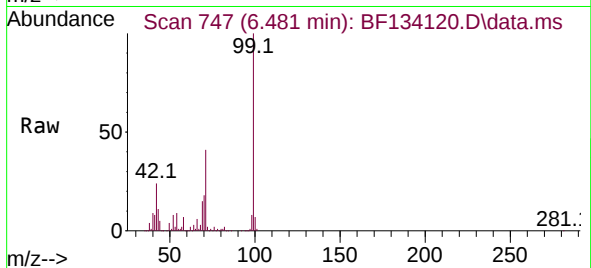
Tgt Ion:112 Resp: 645904
 Ion Ratio Lower Upper
 112 100
 64 62.2 52.1 78.1
 63 34.9 28.6 42.8





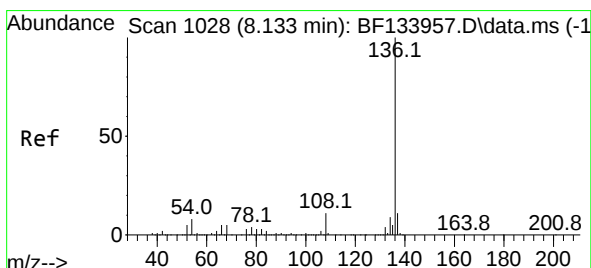
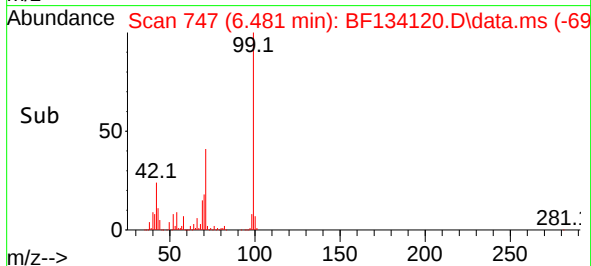
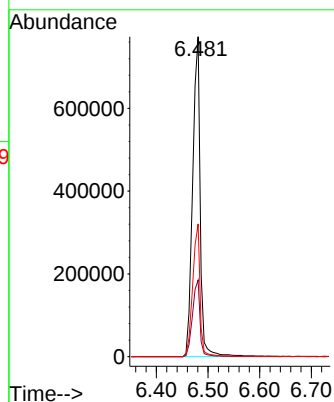
#7
Phenol-d6
Concen: 112.633 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF134120.D
Acq: 07 Jul 2023 04:09

Instrument :
BNA_F
ClientSampleId :
CF-30



Tgt Ion: 99 Resp: 790527

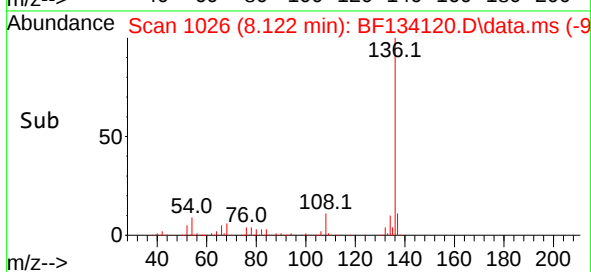
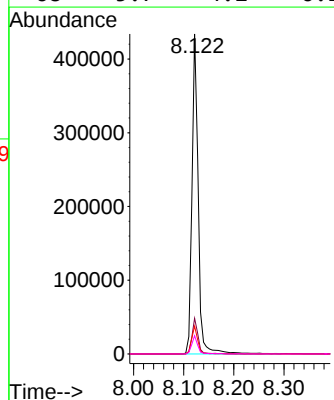
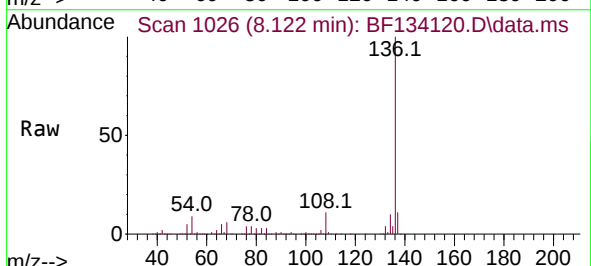
Ion	Ratio	Lower	Upper
99	100		
42	23.9	19.8	29.6
71	41.5	31.9	47.9

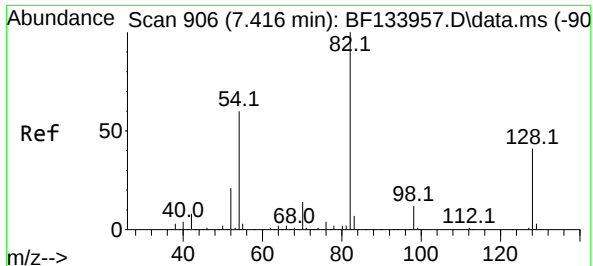


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134120.D
Acq: 07 Jul 2023 04:09

Tgt Ion: 136 Resp: 373855

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	8.7	6.5	9.7
68	5.7	4.2	6.2

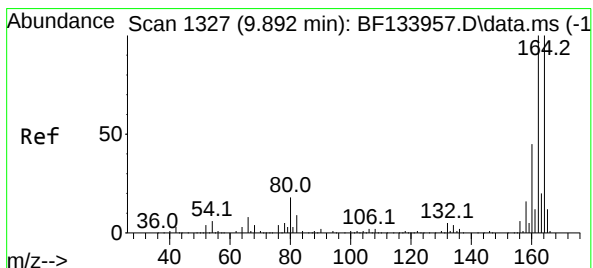
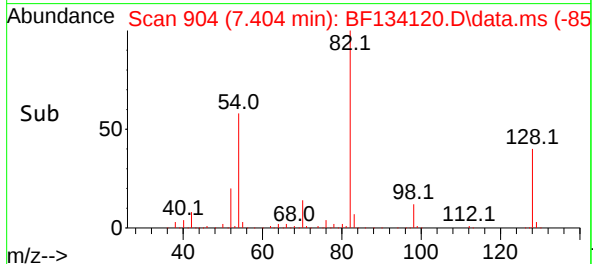
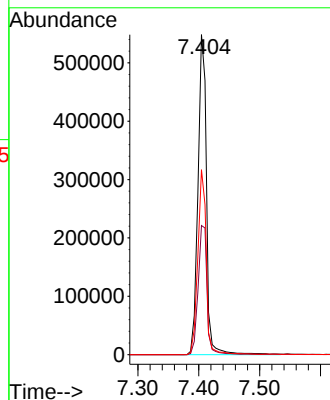
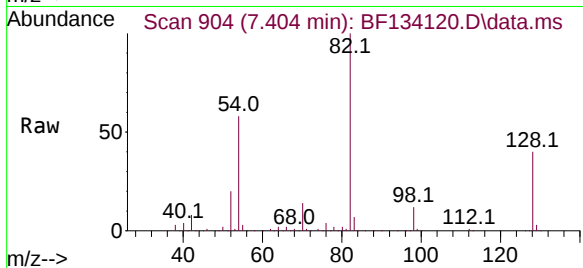




#23
Nitrobenzene-d5
Concen: 76.991 ng
RT: 7.404 min Scan# 906
Delta R.T. -0.018 min
Lab File: BF134120.D
Acq: 07 Jul 2023 04:09

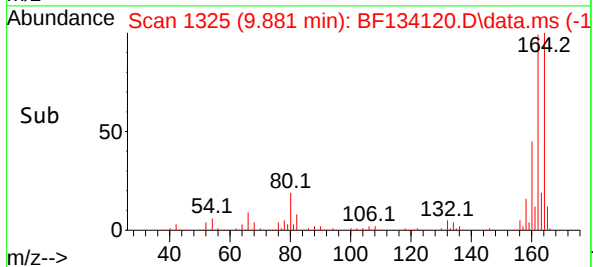
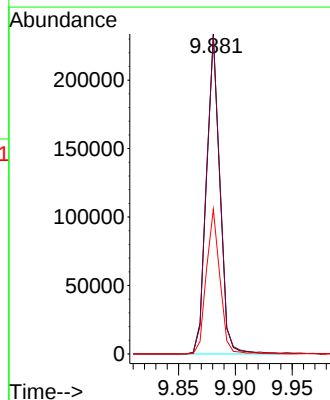
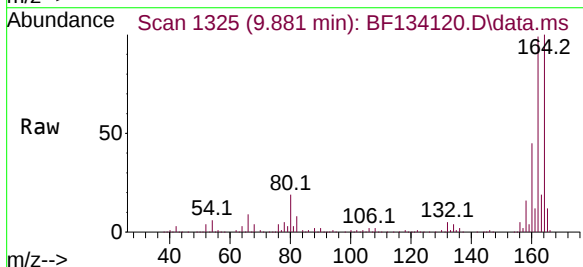
Instrument :
BNA_F
ClientSampleId :
CF-30

Tgt Ion: 82 Resp: 533963
Ion Ratio Lower Upper
82 100
128 40.3 32.5 48.7
54 57.8 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: BF134120.D
Acq: 07 Jul 2023 04:09

Tgt Ion:164 Resp: 191252
Ion Ratio Lower Upper
164 100
162 99.4 80.0 120.0
160 45.2 35.9 53.9

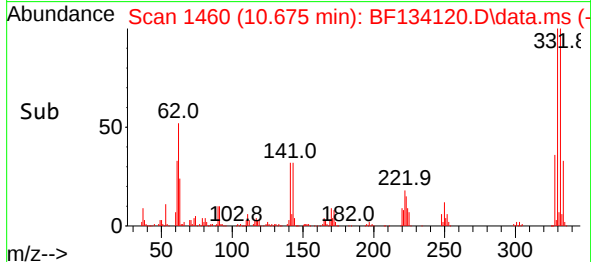
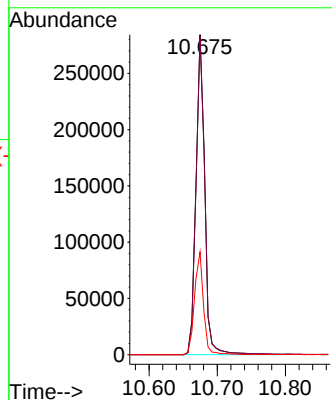
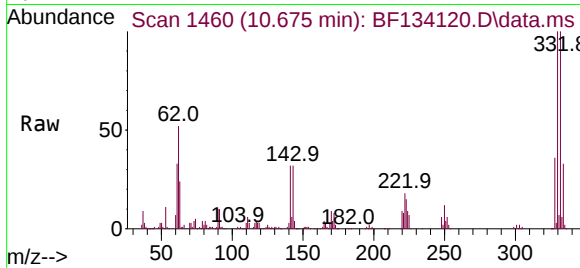




#42
2,4,6-Tribromophenol
Concen: 105.630 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF134120.D
Acq: 07 Jul 2023 04:09

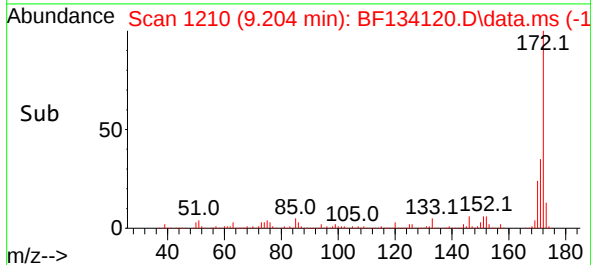
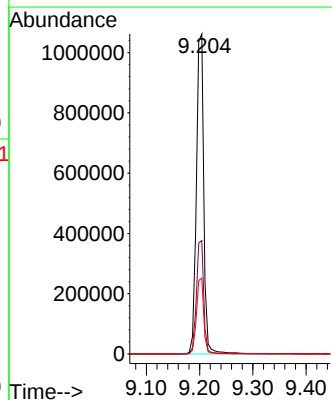
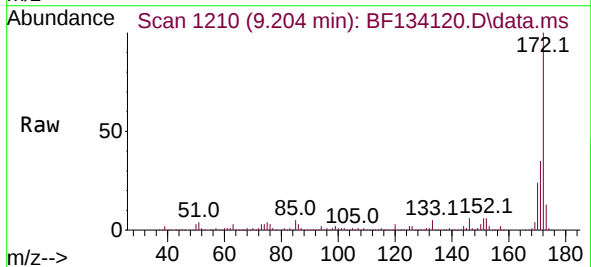
Instrument :
BNA_F
ClientSampleId :
CF-30

Tgt Ion:330 Resp: 253292
Ion Ratio Lower Upper
330 100
332 98.2 77.0 115.6
141 32.6 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 78.044 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134120.D
Acq: 07 Jul 2023 04:09

Tgt Ion:172 Resp: 1026627
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.7 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: BF134120.D

Acq: 07 Jul 2023 04:09

Instrument :

BNA_F

ClientSampleId :

CF-30

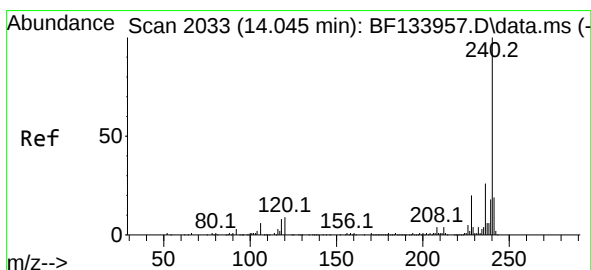
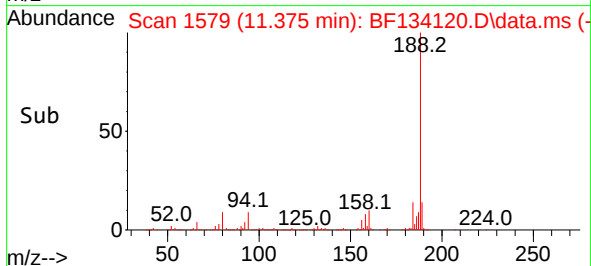
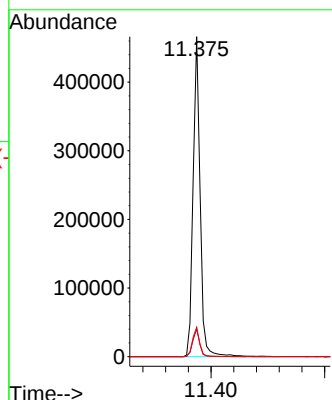
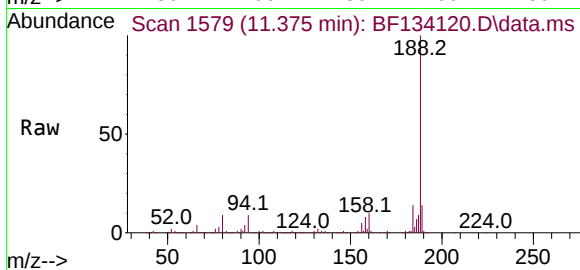
Tgt Ion:188 Resp: 400952

Ion Ratio Lower Upper

188 100

94 8.6 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: BF134120.D

Acq: 07 Jul 2023 04:09

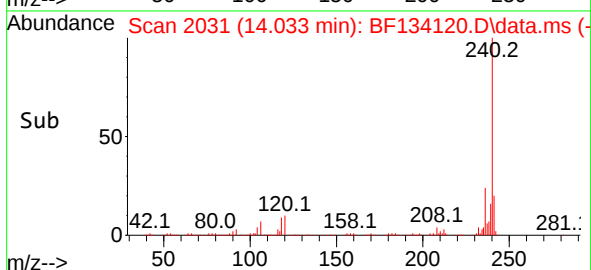
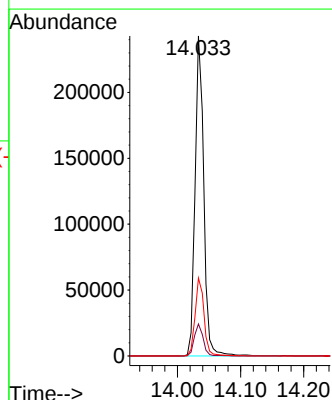
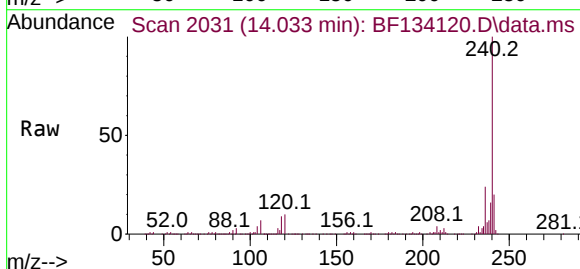
Tgt Ion:240 Resp: 230774

Ion Ratio Lower Upper

240 100

120 10.0 7.4 11.0

236 24.4 21.0 31.6

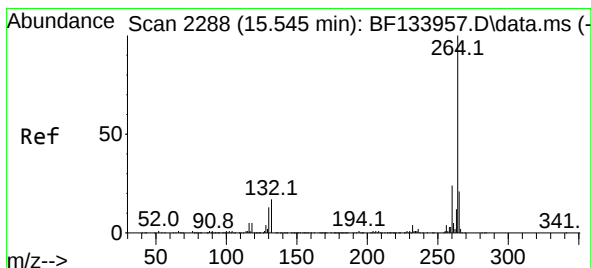
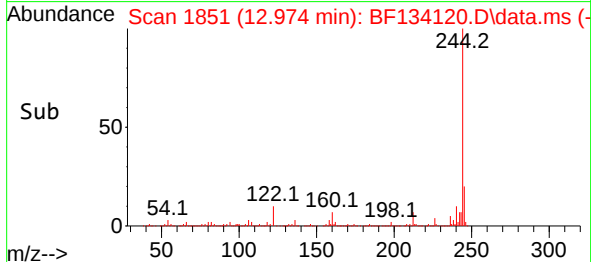
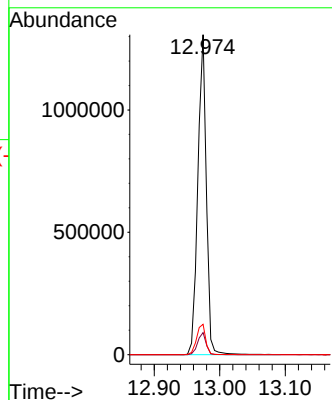
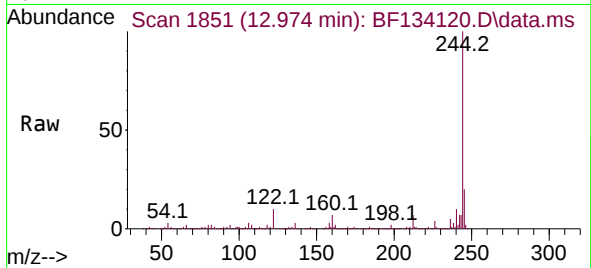




#79
 Terphenyl-d14
 Concen: 82.322 ng
 RT: 12.974 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF134120.D
 Acq: 07 Jul 2023 04:09

Instrument :
 BNA_F
 ClientSampleId :
 CF-30

Tgt Ion:244 Resp: 1180407
 Ion Ratio Lower Upper
 244 100
 212 6.9 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: BF134120.D
 Acq: 07 Jul 2023 04:09

Tgt Ion:264 Resp: 192427
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.1 16.6 25.0

