

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128394.D
 Acq On : 23 May 2022 11:58
 Operator : CG\JU
 Sample : PB144935TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144935TB

Quant Time: May 24 01:21:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	124169	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	485334	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	271664	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	460919	20.000	ng	0.00
76) Chrysene-d12	14.039	240	333326	20.000	ng	-0.01
86) Perylene-d12	15.527	264	283736	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	892195	114.345	ng	0.01
7) Phenol-d6	6.498	99	1148720	111.804	ng	0.00
23) Nitrobenzene-d5	7.428	82	825694	76.226	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	317767	113.421	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1274424	76.716	ng	0.00
79) Terphenyl-d14	12.980	244	1388827	80.432	ng	0.00

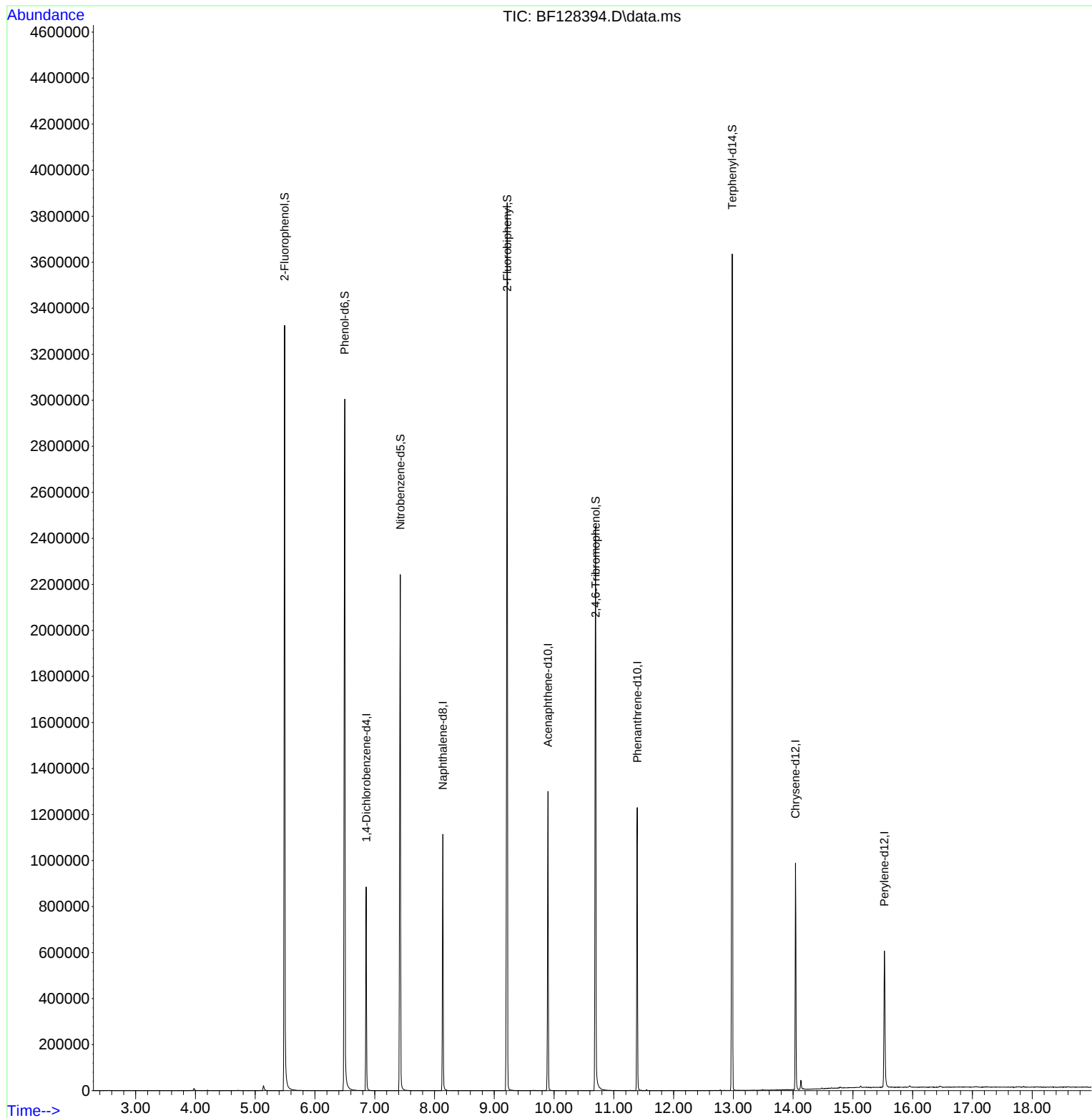
Target Compounds	Qvalue

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

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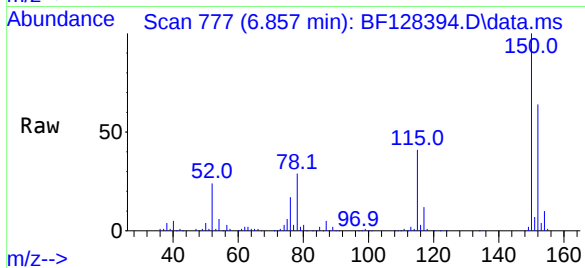
Quant Time: May 24 01:21:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
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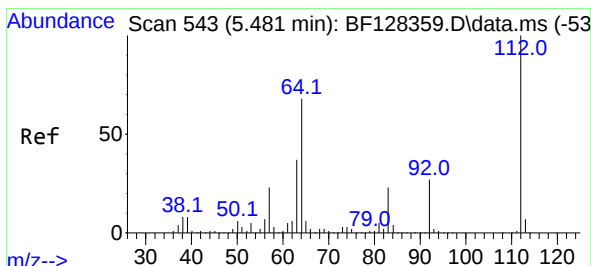
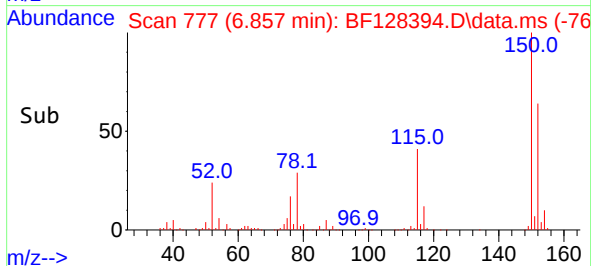
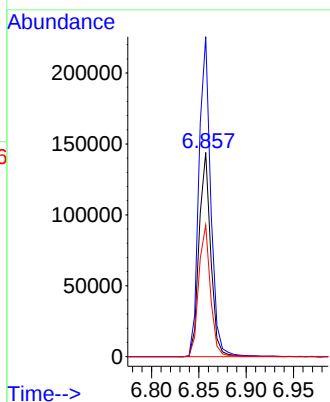


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128394.D
Acq: 23 May 2022 11:58

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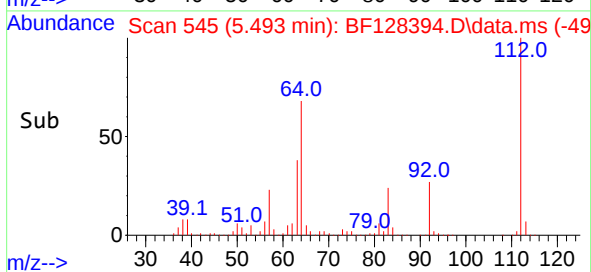
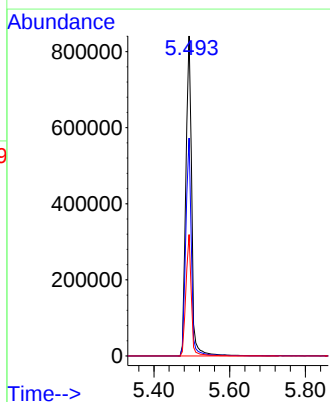
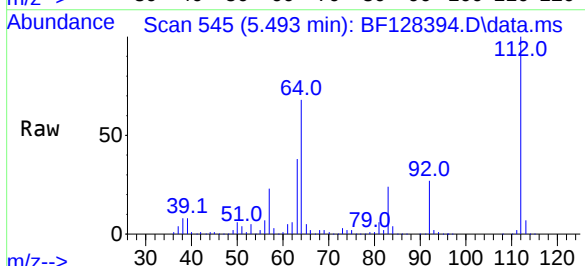


Tgt Ion:152 Resp: 124169
Ion Ratio Lower Upper
152 100
150 156.8 125.3 187.9
115 64.5 48.8 73.2

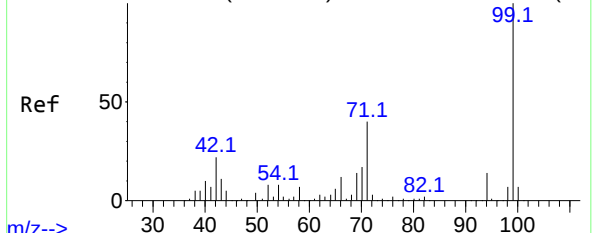


#5
2-Fluorophenol
Concen: 114.345 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.012 min
Lab File: BF128394.D
Acq: 23 May 2022 11:58

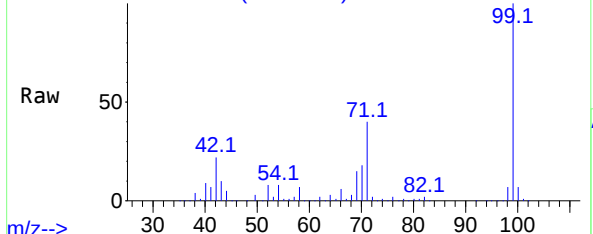
Tgt Ion:112 Resp: 892195
Ion Ratio Lower Upper
112 100
64 68.1 49.5 74.3
63 38.0 26.3 39.5



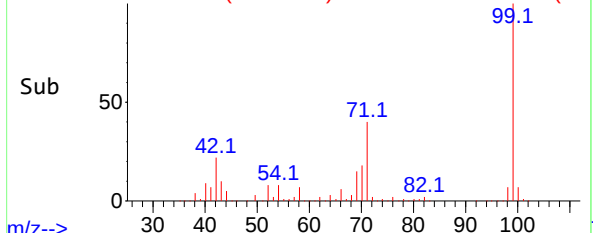
Abundance Scan 716 (6.498 min): BF128359.D\data.ms (-70



m/z--> Scan 716 (6.498 min): BF128394.D\data.ms



m/z--> Scan 716 (6.498 min): BF128394.D\data.ms (-66



m/z-->

#7

Phenol-d6

Concen: 111.804 ng

RT: 6.498 min Scan# 716

Delta R.T. 0.000 min

Lab File: BF128394.D

Acq: 23 May 2022 11:58

Instrument :

BNA_F

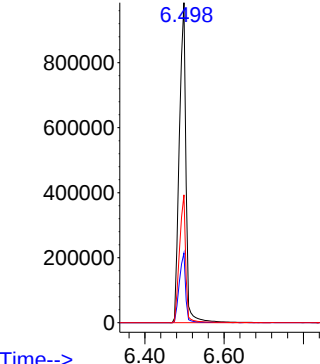
ClientSampleId :

PB144935TB

Tgt Ion: 99 Resp: 1148720

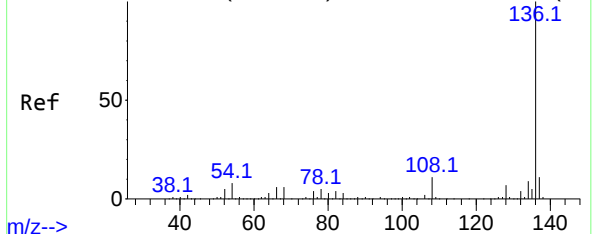
Ion	Ratio	Lower	Upper
99	100		
42	21.8	16.6	24.8
71	40.0	30.0	45.0

Abundance

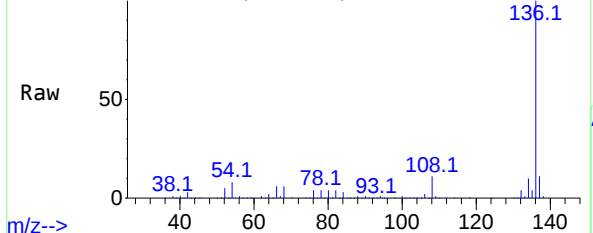


Time-->

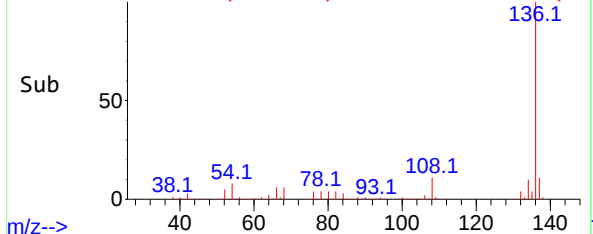
Abundance Scan 996 (8.145 min): BF128359.D\data.ms (-98



m/z--> Scan 995 (8.140 min): BF128394.D\data.ms



m/z--> Scan 995 (8.140 min): BF128394.D\data.ms (-94



m/z-->

#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.140 min Scan# 995

Delta R.T. -0.005 min

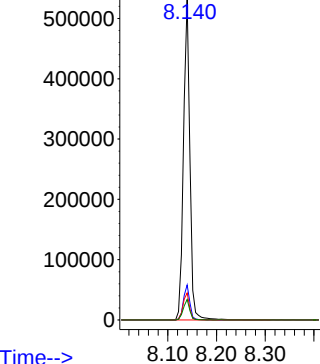
Lab File: BF128394.D

Acq: 23 May 2022 11:58

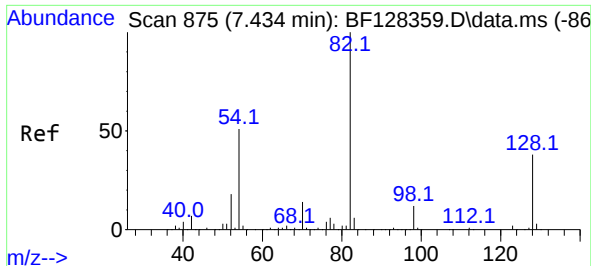
Tgt Ion:136 Resp: 485334

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.5	6.8	10.2
68	6.4	5.1	7.7

Abundance



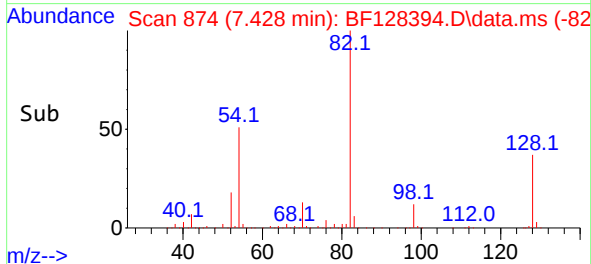
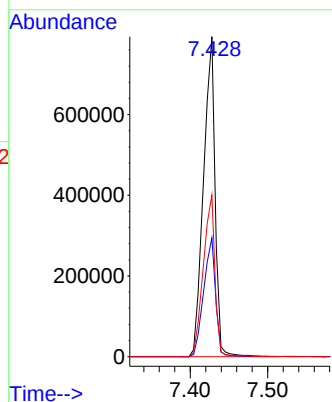
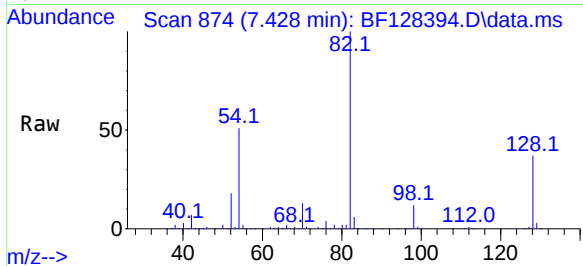
Time-->



#23
Nitrobenzene-d5
Concen: 76.226 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128394.D
Acq: 23 May 2022 11:58

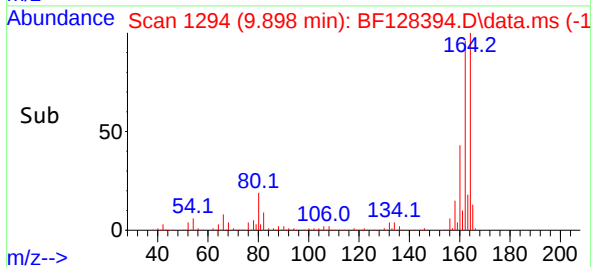
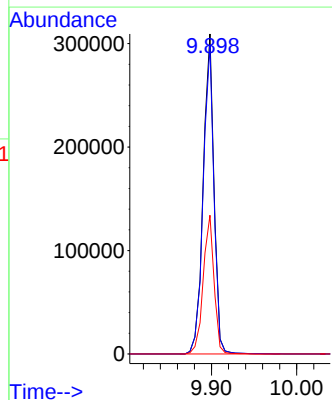
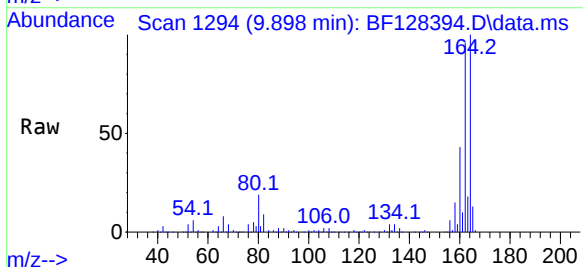
Instrument :
BNA_F
ClientSampleId :
PB144935TB

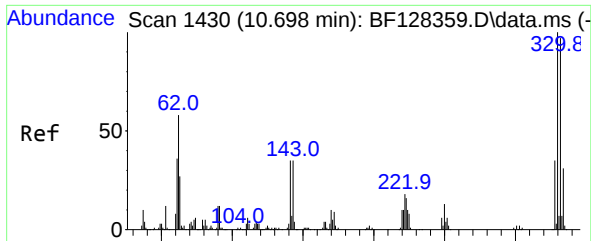
Tgt Ion: 82 Resp: 825694
Ion Ratio Lower Upper
82 100
128 37.2 30.0 45.0
54 50.6 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128394.D
Acq: 23 May 2022 11:58

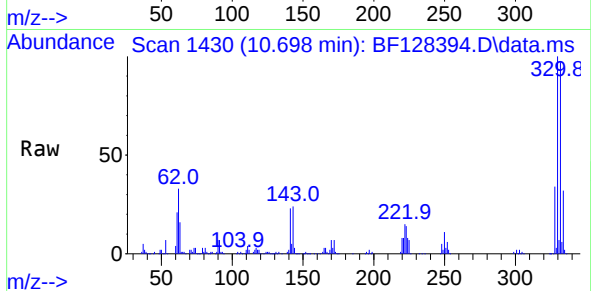
Tgt Ion:164 Resp: 271664
Ion Ratio Lower Upper
164 100
162 96.4 76.0 114.0
160 43.3 34.8 52.2



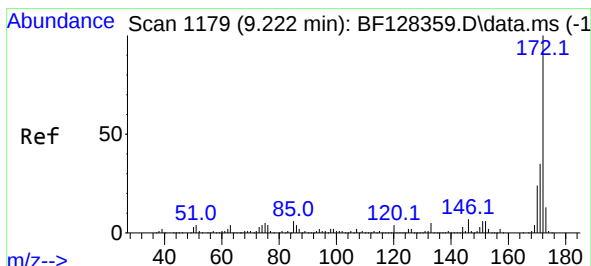
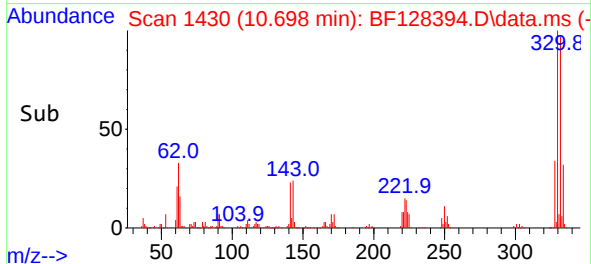
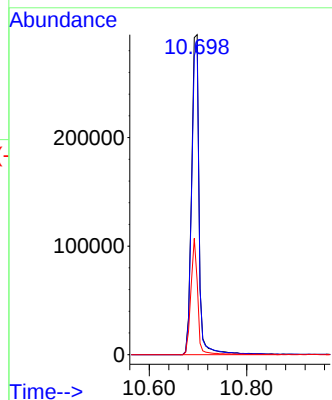


#42
2,4,6-Tribromophenol
Concen: 113.421 ng
RT: 10.698 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF128394.D
Acq: 23 May 2022 11:58

Instrument :
BNA_F
ClientSampleId :
PB144935TB

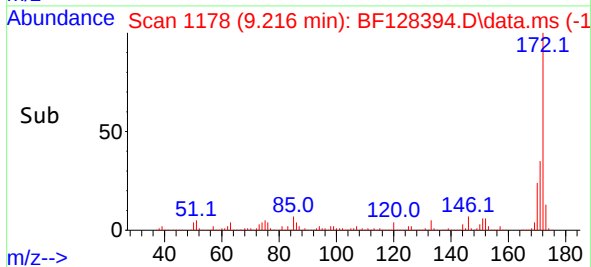
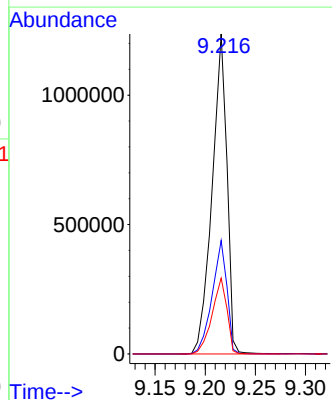
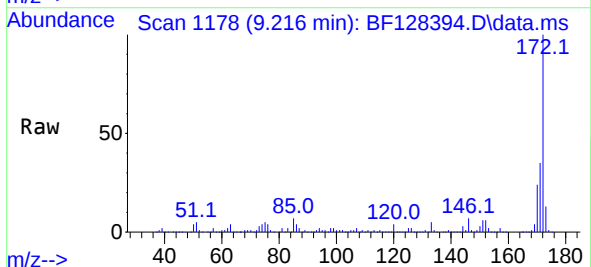


Tgt Ion:330 Resp: 317767
Ion Ratio Lower Upper
330 100
332 95.4 79.0 118.4
141 32.8 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 76.716 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF128394.D
Acq: 23 May 2022 11:58

Tgt Ion:172 Resp: 1274424
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.7 19.1 28.7

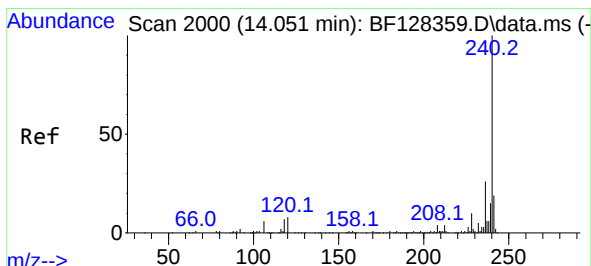
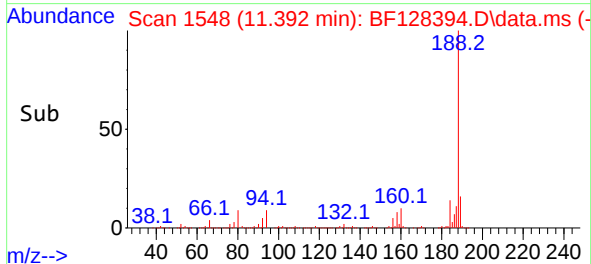
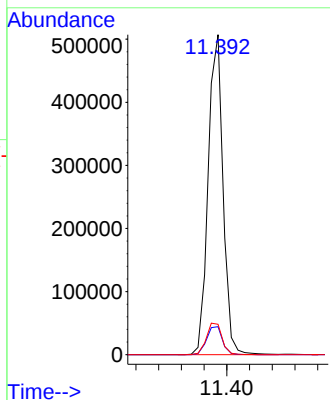
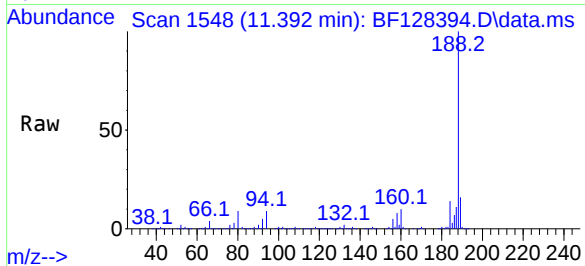




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128394.D
Acq: 23 May 2022 11:58

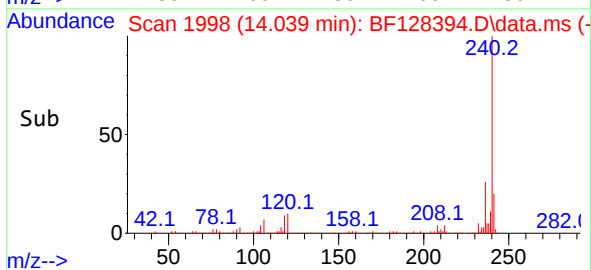
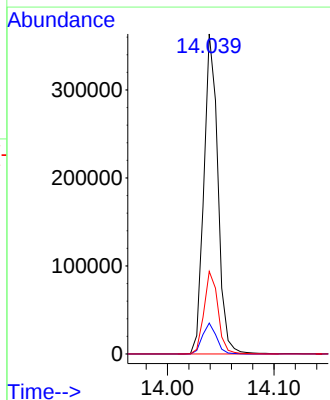
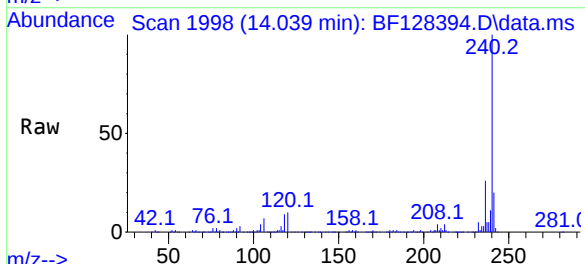
Instrument :
BNA_F
ClientSampleId :
PB144935TB

Tgt Ion:188 Resp: 460919
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 9.5 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF128394.D
Acq: 23 May 2022 11:58

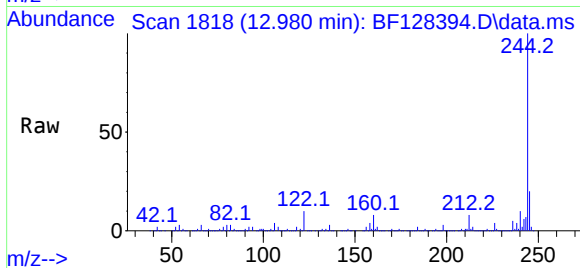
Tgt Ion:240 Resp: 333326
Ion Ratio Lower Upper
240 100
120 9.7 7.0 10.6
236 25.8 20.3 30.5



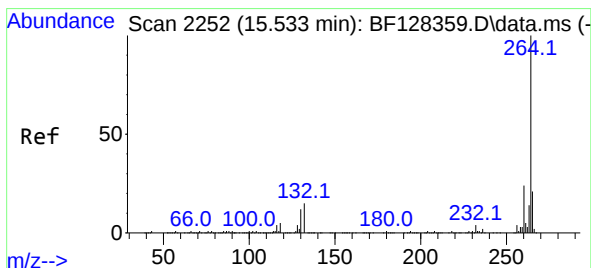
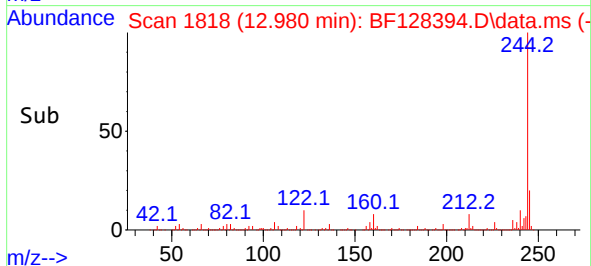
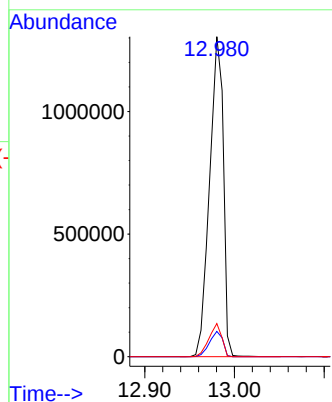


#79
 Terphenyl-d14
 Concen: 80.432 ng
 RT: 12.980 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128394.D
 Acq: 23 May 2022 11:58

Instrument :
 BNA_F
 ClientSampleId :
 PB144935TB



Tgt Ion:244 Resp: 1388827
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.4
 122 10.4 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.006 min
 Lab File: BF128394.D
 Acq: 23 May 2022 11:58

Tgt Ion:264 Resp: 283736
 Ion Ratio Lower Upper
 264 100
 260 23.0 20.1 30.1
 265 21.5 17.5 26.3

