

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
 Data File : BF128364.D
 Acq On : 20 May 2022 14:36
 Operator : CG\JU
 Sample : PB144942BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144942BL

Quant Time: May 21 05:31:47 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	113021	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	444497	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	260487	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	473840	20.000	ng	0.00
76) Chrysene-d12	14.039	240	368803	20.000	ng	-0.01
86) Perylene-d12	15.527	264	315051	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	875420	123.262	ng	0.02
7) Phenol-d6	6.492	99	1100514	117.677	ng	0.00
23) Nitrobenzene-d5	7.428	82	843882	85.063	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	314883	117.214	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1308802	82.166	ng	0.00
79) Terphenyl-d14	12.986	244	1354492	70.898	ng	0.00

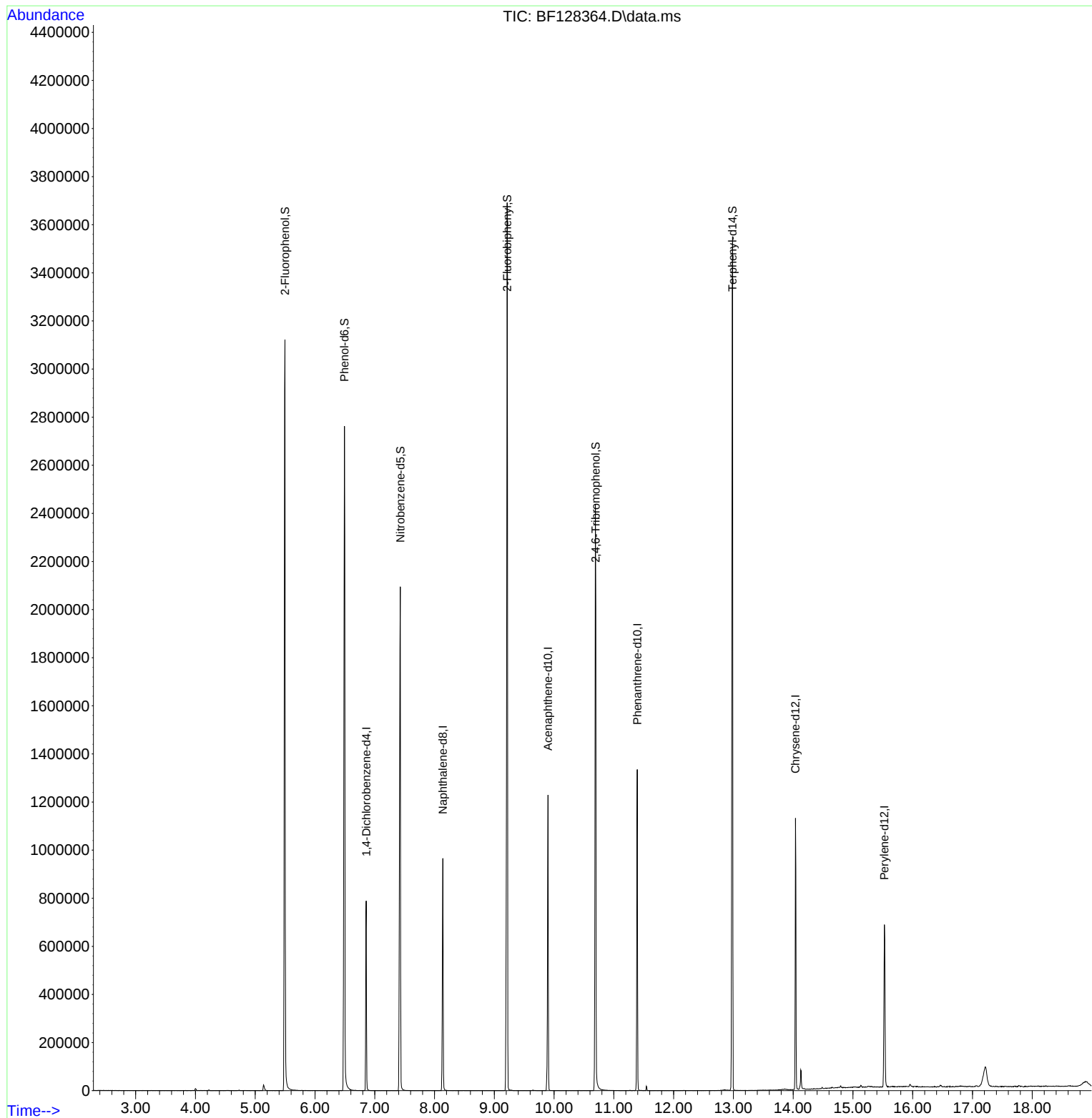
Target Compounds	Qvalue

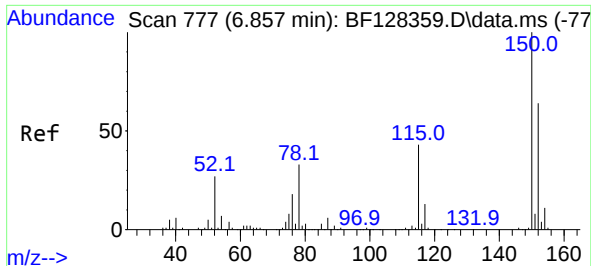
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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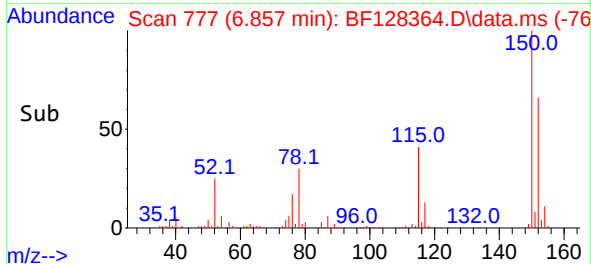
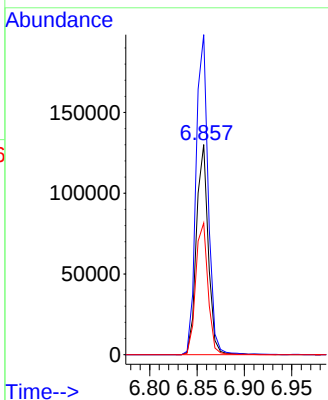
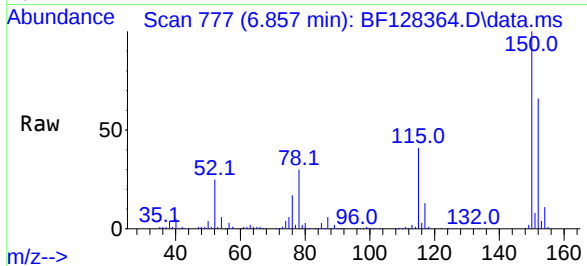




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128364.D
Acq: 20 May 2022 14:36

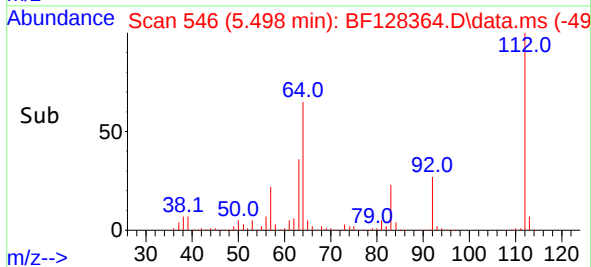
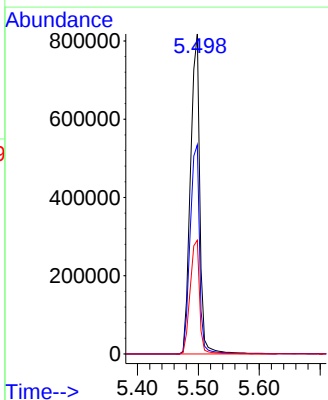
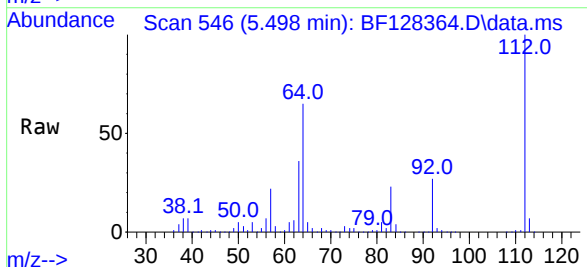
Instrument :
BNA_F
ClientSampleId :
PB144942BL

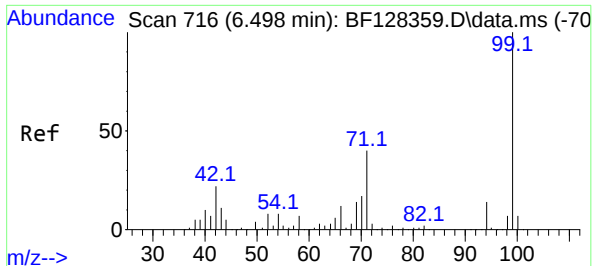
Tgt Ion:152 Resp: 113021
Ion Ratio Lower Upper
152 100
150 152.4 125.3 187.9
115 62.7 48.8 73.2



#5
2-Fluorophenol
Concen: 123.262 ng
RT: 5.498 min Scan# 546
Delta R.T. 0.018 min
Lab File: BF128364.D
Acq: 20 May 2022 14:36

Tgt Ion:112 Resp: 875420
Ion Ratio Lower Upper
112 100
64 65.4 49.5 74.3
63 35.6 26.3 39.5



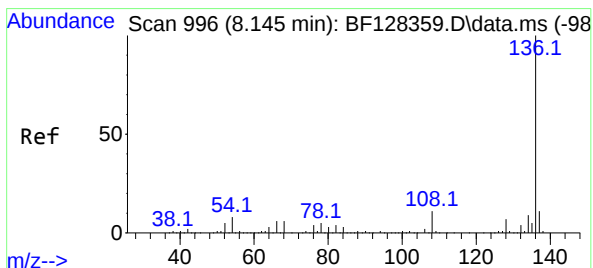
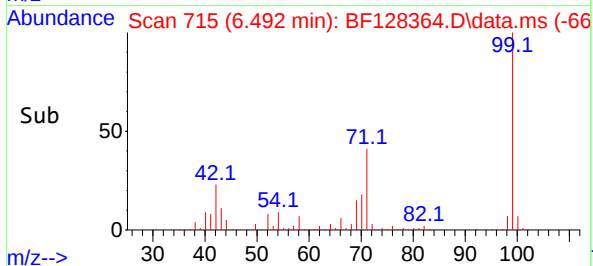
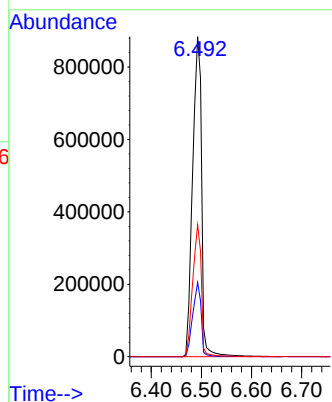
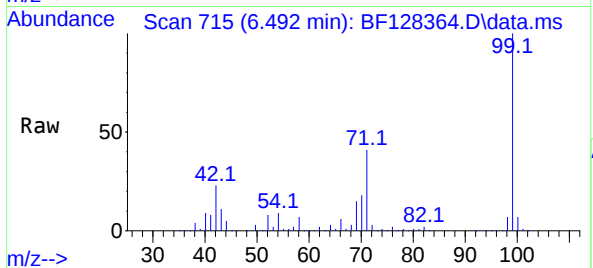


#7
Phenol-d6
Concen: 117.677 ng
RT: 6.492 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128364.D
Acq: 20 May 2022 14:36

Instrument :
BNA_F
ClientSampleId :
PB144942BL

Tgt Ion: 99 Resp: 1100514

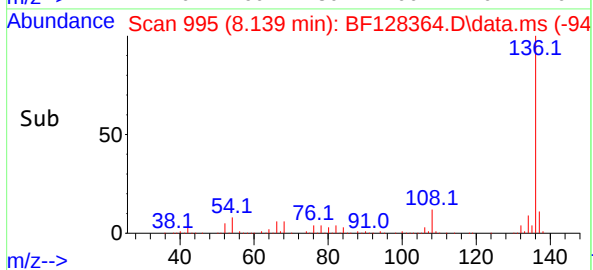
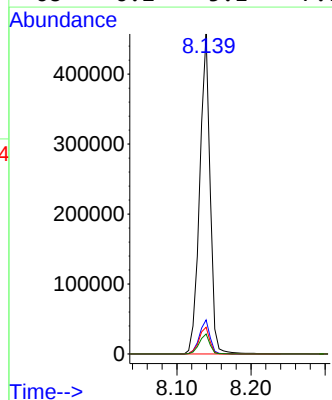
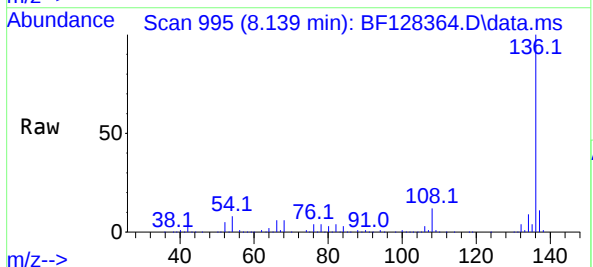
Ion	Ratio	Lower	Upper
99	100		
42	23.2	16.6	24.8
71	41.2	30.0	45.0

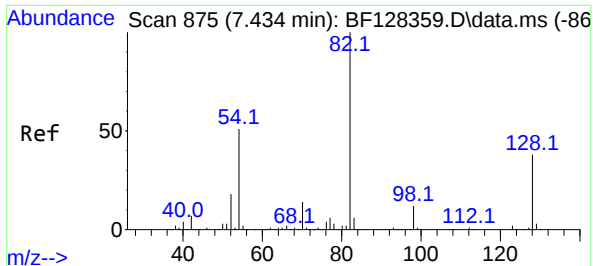


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF128364.D
Acq: 20 May 2022 14:36

Tgt Ion: 136 Resp: 444497

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.4	6.8	10.2
68	6.2	5.1	7.7

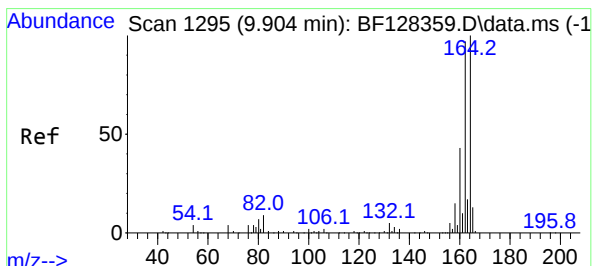
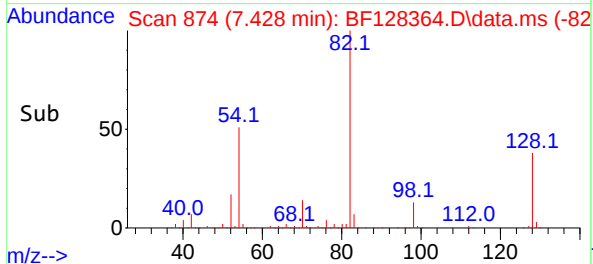
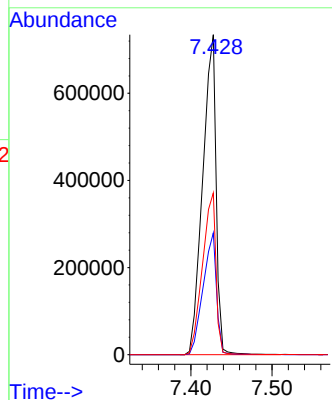
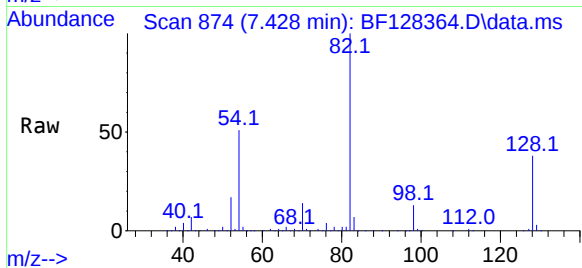




#23
Nitrobenzene-d5
Concen: 85.063 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128364.D
Acq: 20 May 2022 14:36

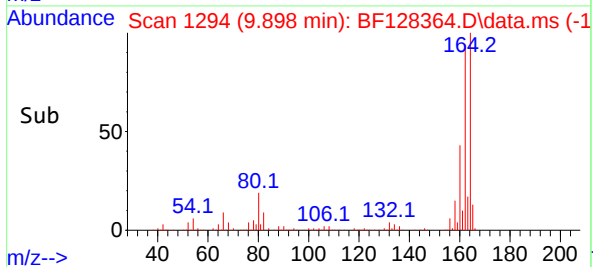
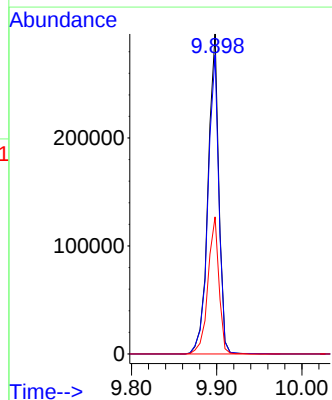
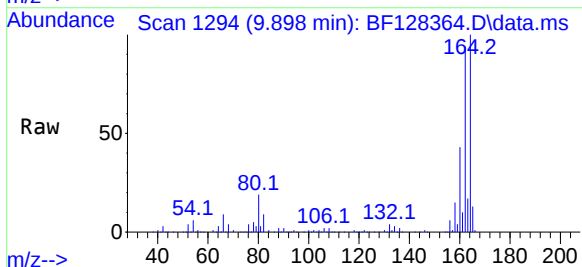
Instrument :
BNA_F
ClientSampleId :
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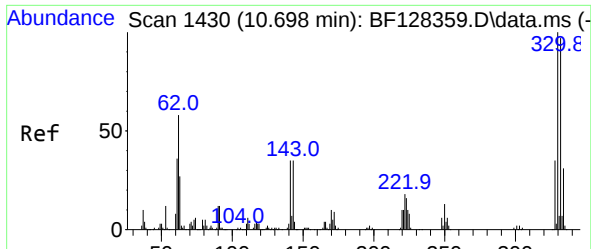
Tgt Ion: 82 Resp: 843882
Ion Ratio Lower Upper
82 100
128 38.0 30.0 45.0
54 50.5 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128364.D
Acq: 20 May 2022 14:36

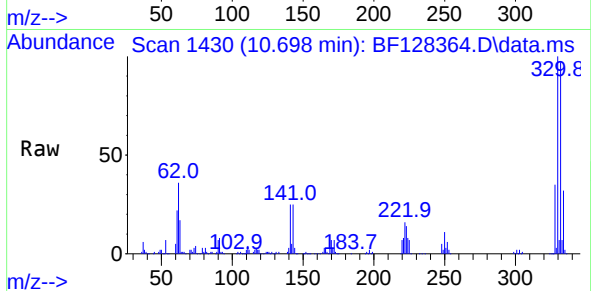
Tgt Ion:164 Resp: 260487
Ion Ratio Lower Upper
164 100
162 93.5 76.0 114.0
160 42.8 34.8 52.2



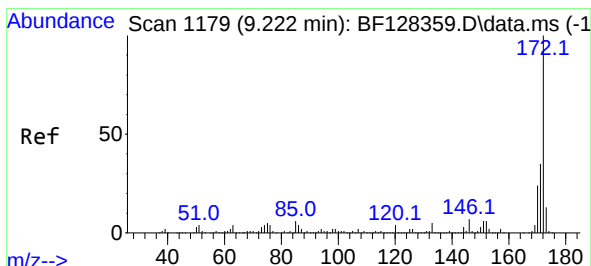
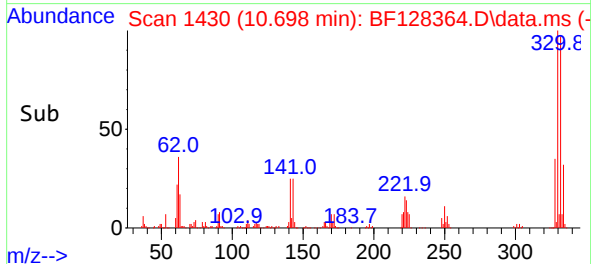
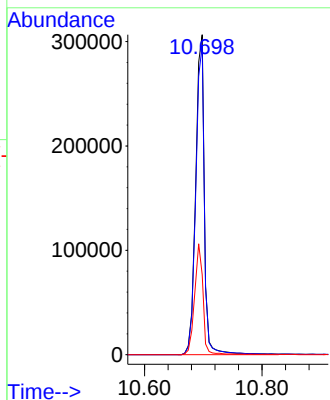


#42
2,4,6-Tribromophenol
Concen: 117.214 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF128364.D
Acq: 20 May 2022 14:36

Instrument :
BNA_F
ClientSampleId :
PB144942BL

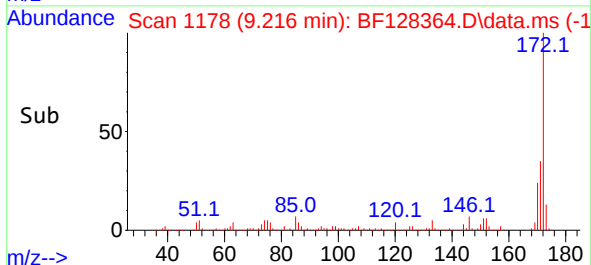
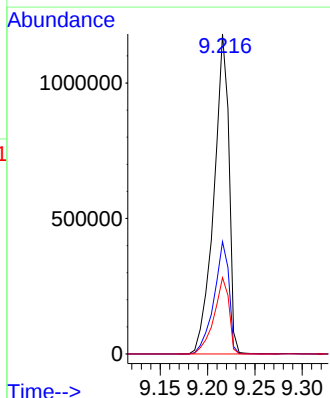
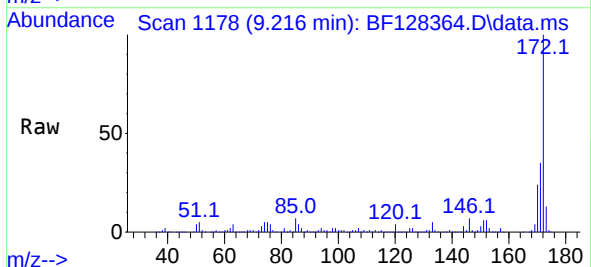


Tgt Ion:330 Resp: 314883
Ion Ratio Lower Upper
330 100
332 96.1 79.0 118.4
141 33.5 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 82.166 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF128364.D
Acq: 20 May 2022 14:36

Tgt Ion:172 Resp: 1308802
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.8 19.1 28.7

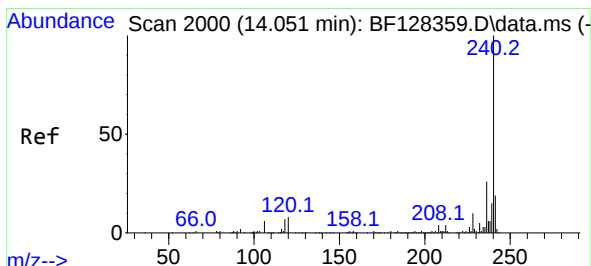
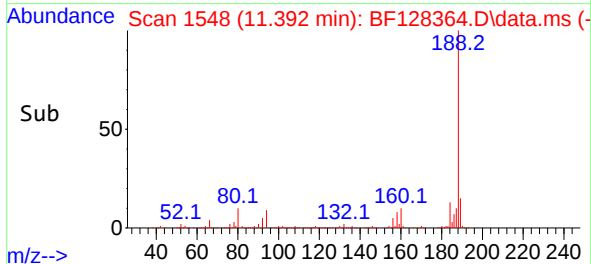
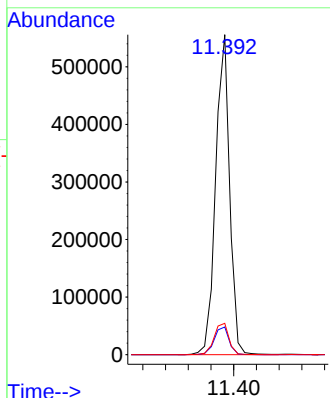
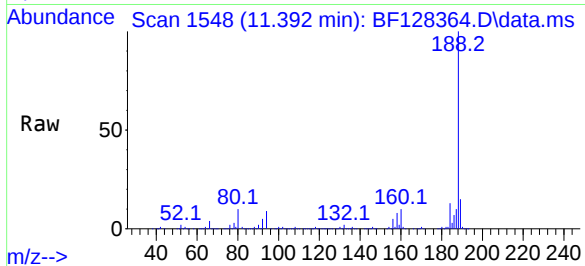




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128364.D
Acq: 20 May 2022 14:36

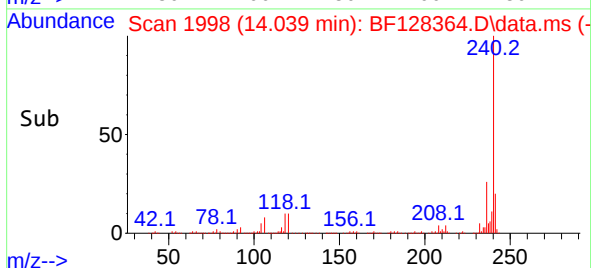
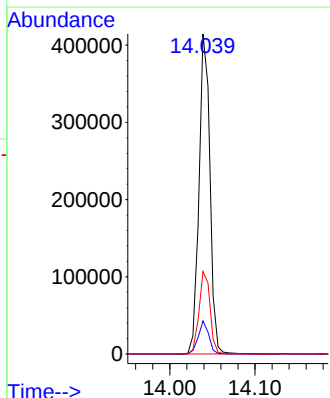
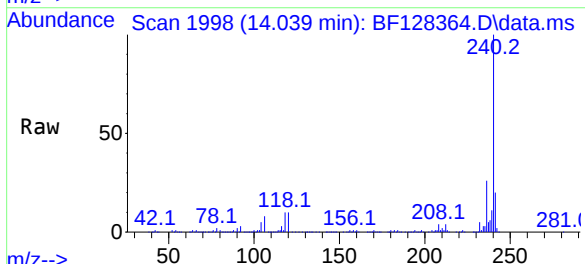
Instrument :
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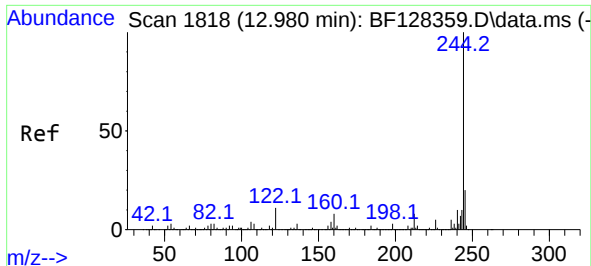
Tgt Ion:188 Resp: 473840
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 9.8 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF128364.D
Acq: 20 May 2022 14:36

Tgt Ion:240 Resp: 368803
Ion Ratio Lower Upper
240 100
120 10.3 7.0 10.6
236 25.8 20.3 30.5

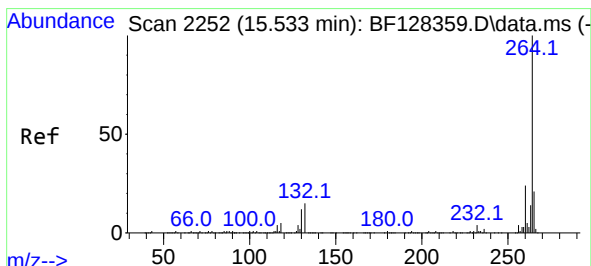
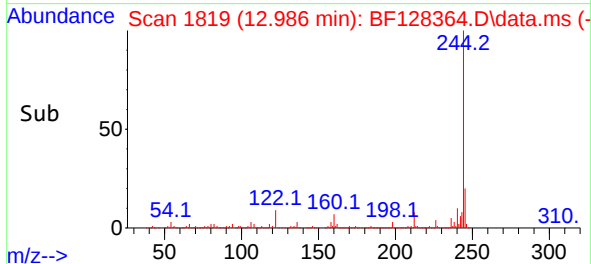
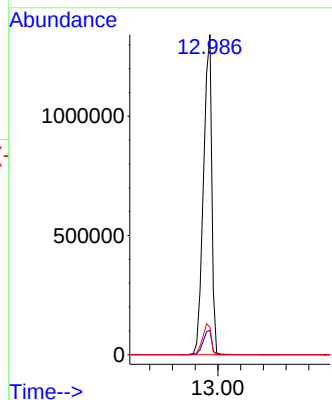
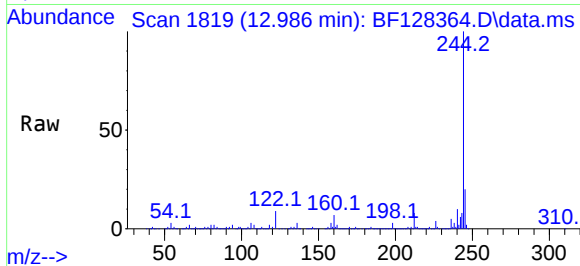




#79
 Terphenyl-d14
 Concen: 70.898 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF128364.D
 Acq: 20 May 2022 14:36

Instrument :
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Tgt Ion:244 Resp: 1354492
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 8.6 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: BF128364.D
 Acq: 20 May 2022 14:36

Tgt Ion:264 Resp: 315051
 Ion Ratio Lower Upper
 264 100
 260 23.7 20.1 30.1
 265 21.5 17.5 26.3

