

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
 Data File : BF128334.D
 Acq On : 19 May 2022 14:00
 Operator : CG\JU
 Sample : PB144922BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144922BL

Quant Time: May 19 16:51:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 06:47:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	88163	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	338715	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	192251	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	351467	20.000	ng	0.00
76) Chrysene-d12	14.045	240	248219	20.000	ng	-0.01
86) Perylene-d12	15.533	264	186747	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	670193	121.182	ng	0.00
7) Phenol-d6	6.498	99	867822	118.638	ng	-0.01
23) Nitrobenzene-d5	7.434	82	609644	80.988	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	246672	111.875	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1023527	83.303	ng	-0.01
79) Terphenyl-d14	12.986	244	1183039	89.432	ng	0.00

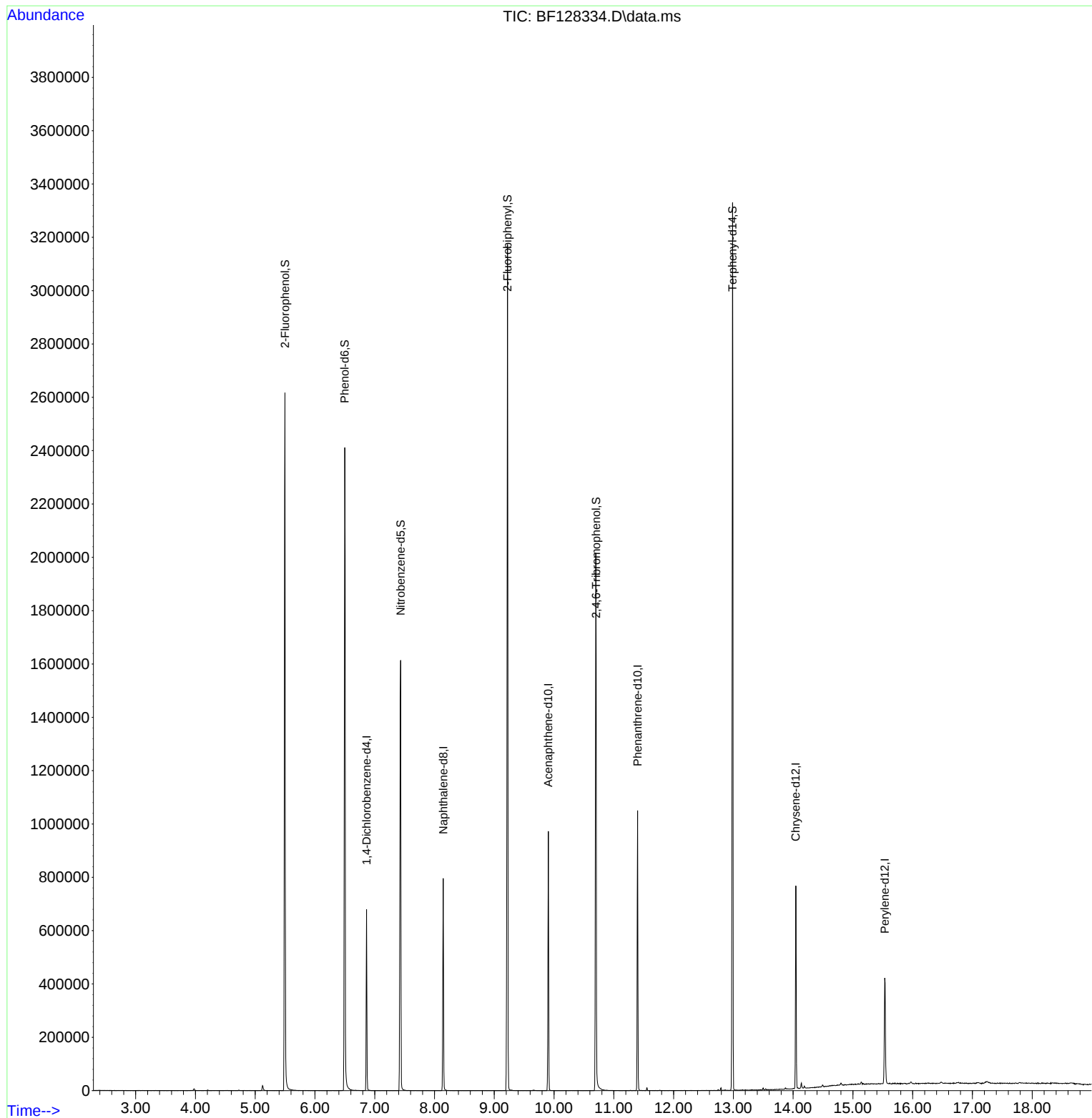
Target Compounds	Qvalue

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

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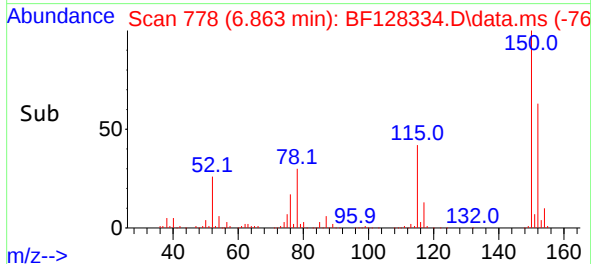
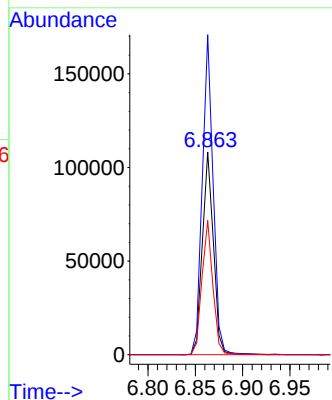
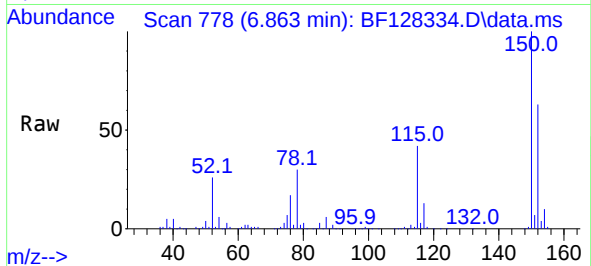




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128334.D
Acq: 19 May 2022 14:00

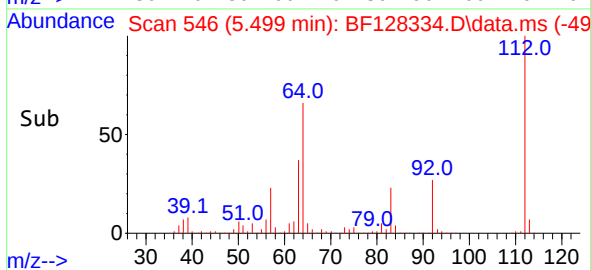
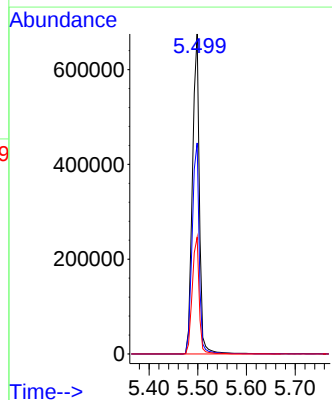
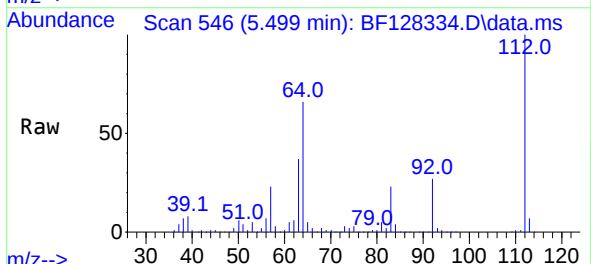
Instrument :
BNA_F
ClientSampleId :
PB144922BL

Tgt Ion:152 Resp: 88163
Ion Ratio Lower Upper
152 100
150 157.8 125.3 187.9
115 66.2 48.8 73.2



#5
2-Fluorophenol
Concen: 121.182 ng
RT: 5.499 min Scan# 546
Delta R.T. 0.006 min
Lab File: BF128334.D
Acq: 19 May 2022 14:00

Tgt Ion:112 Resp: 670193
Ion Ratio Lower Upper
112 100
64 65.9 49.5 74.3
63 36.5 26.3 39.5

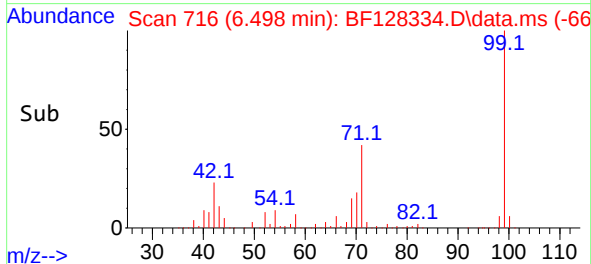
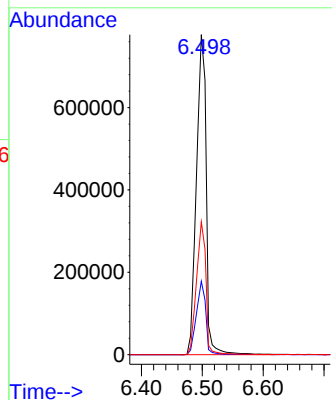
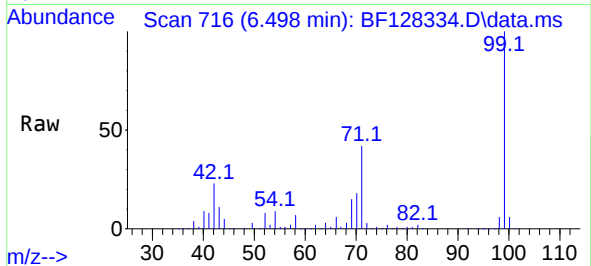




#7
Phenol-d6
Concen: 118.638 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128334.D
Acq: 19 May 2022 14:00

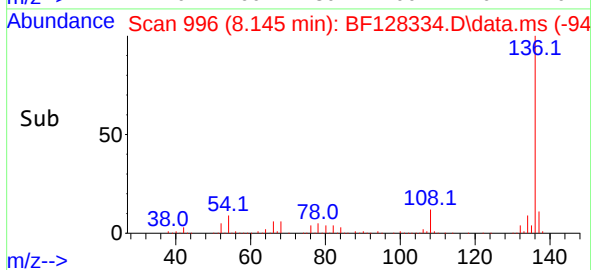
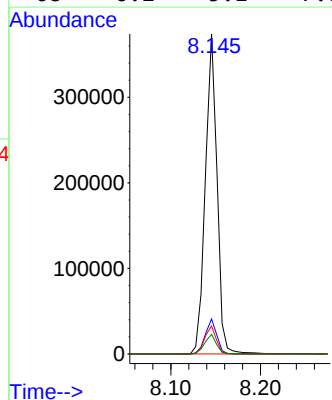
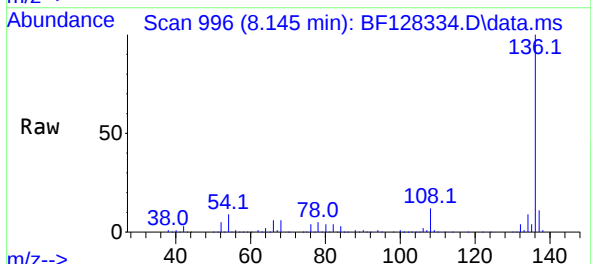
Instrument :
BNA_F
ClientSampleId :
PB144922BL

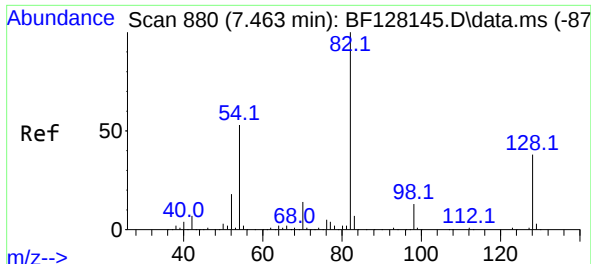
Tgt Ion: 99 Resp: 867822
Ion Ratio Lower Upper
99 100
42 22.9 16.6 24.8
71 41.5 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 996
Delta R.T. -0.012 min
Lab File: BF128334.D
Acq: 19 May 2022 14:00

Tgt Ion:136 Resp: 338715
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.7 6.8 10.2
68 6.2 5.1 7.7

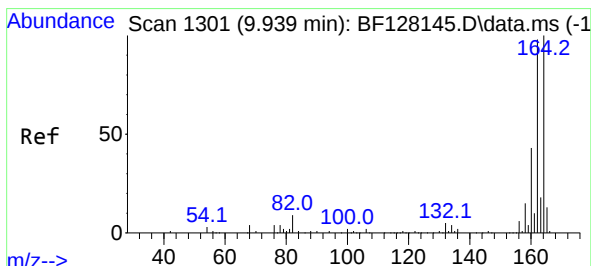
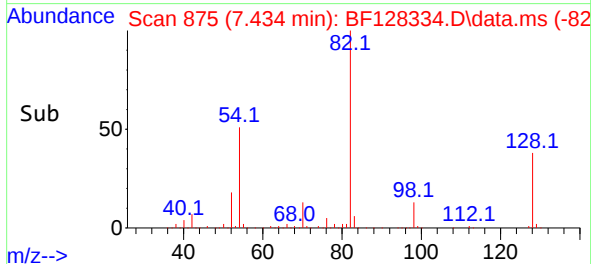
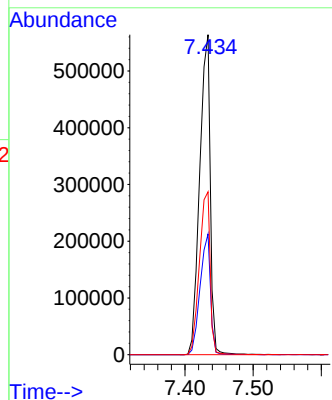
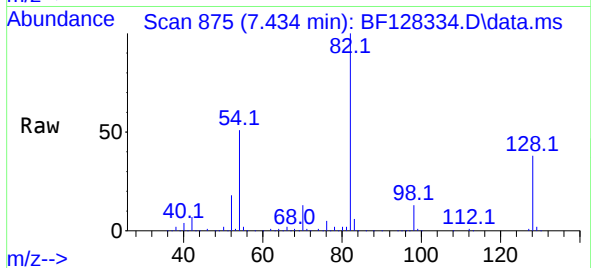




#23
Nitrobenzene-d5
Concen: 80.988 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128334.D
Acq: 19 May 2022 14:00

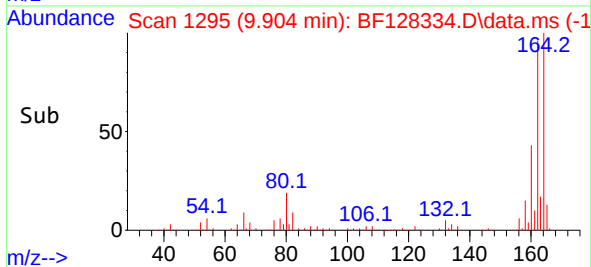
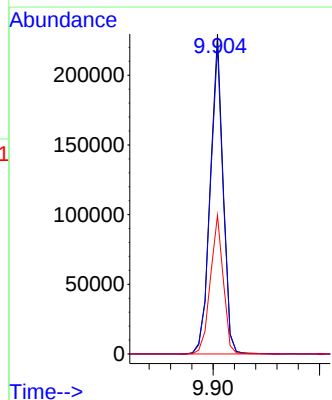
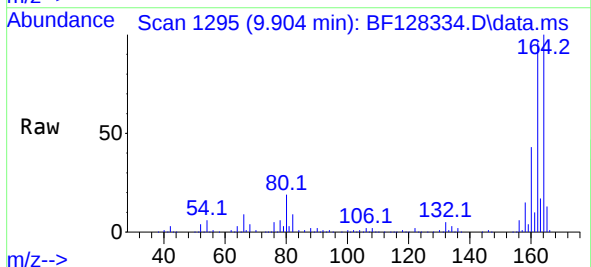
Instrument :
BNA_F
ClientSampleId :
PB144922BL

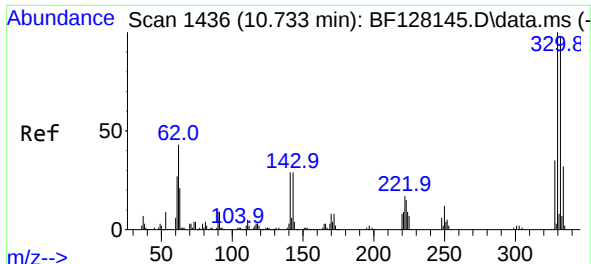
Tgt Ion: 82 Resp: 609644
Ion Ratio Lower Upper
82 100
128 37.7 30.0 45.0
54 50.9 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF128334.D
Acq: 19 May 2022 14:00

Tgt Ion:164 Resp: 192251
Ion Ratio Lower Upper
164 100
162 96.4 76.0 114.0
160 43.4 34.8 52.2

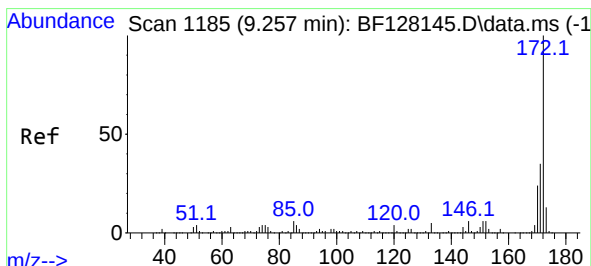
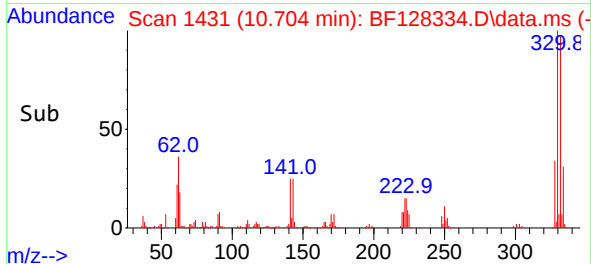
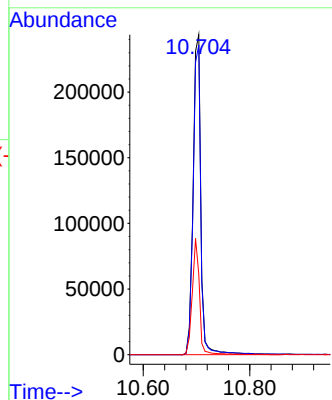
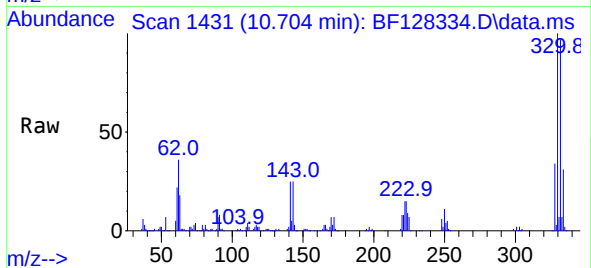




#42
2,4,6-Tribromophenol
Concen: 111.875 ng
RT: 10.704 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF128334.D
Acq: 19 May 2022 14:00

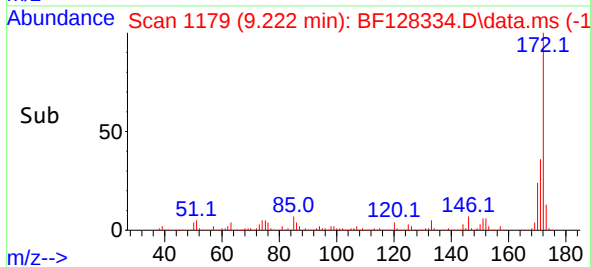
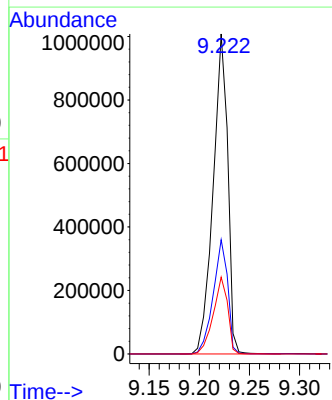
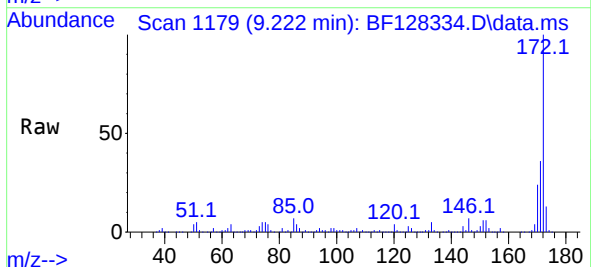
Instrument :
BNA_F
ClientSampleId :
PB144922BL

Tgt Ion:330 Resp: 246672
Ion Ratio Lower Upper
330 100
332 95.8 79.0 118.4
141 33.6 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 83.303 ng
RT: 9.222 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF128334.D
Acq: 19 May 2022 14:00

Tgt Ion:172 Resp: 1023527
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 24.0 19.1 28.7

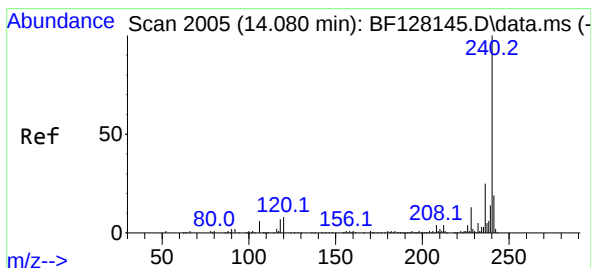
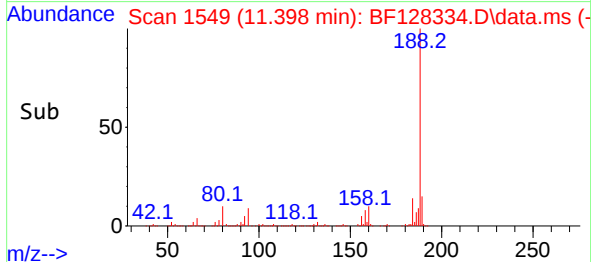
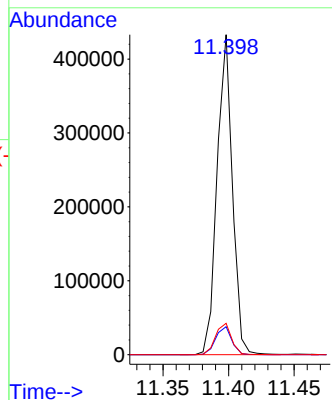
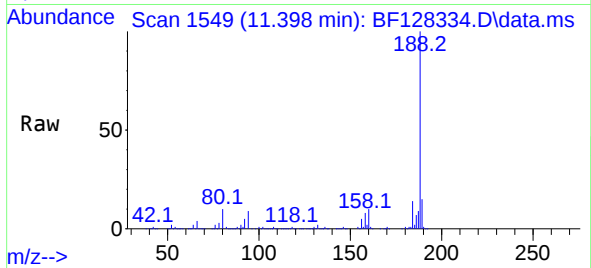




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128334.D
Acq: 19 May 2022 14:00

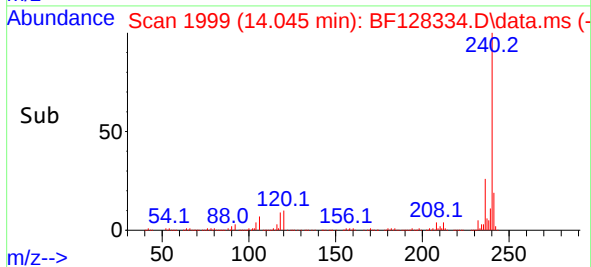
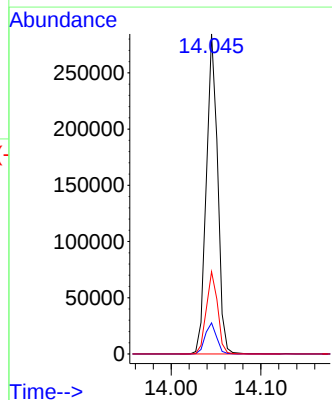
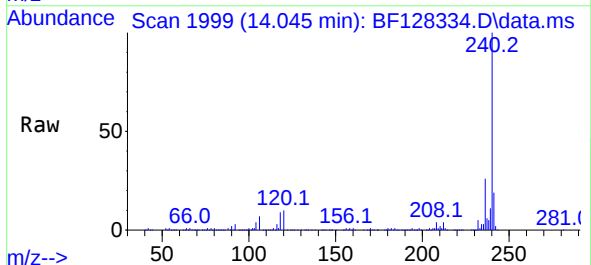
Instrument :
BNA_F
ClientSampleId :
PB144922BL

Tgt Ion:188 Resp: 351467
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 9.8 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BF128334.D
Acq: 19 May 2022 14:00

Tgt Ion:240 Resp: 248219
Ion Ratio Lower Upper
240 100
120 9.7 7.0 10.6
236 25.7 20.3 30.5

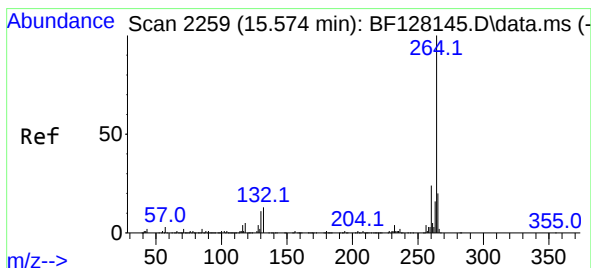
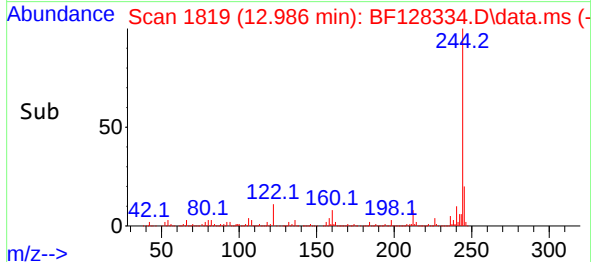
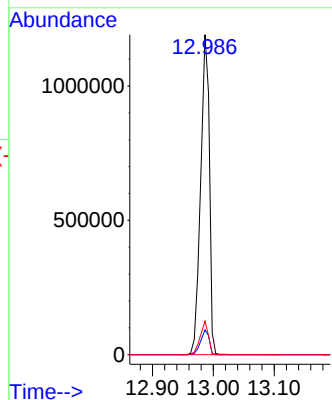
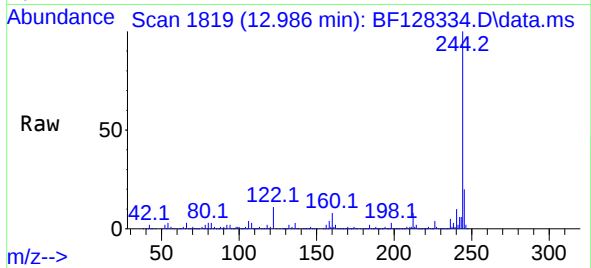




#79
 Terphenyl-d14
 Concen: 89.432 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128334.D
 Acq: 19 May 2022 14:00

Instrument :
 BNA_F
 ClientSampleId :
 PB144922BL

Tgt Ion:244 Resp: 1183039
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 10.5 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2252
 Delta R.T. -0.012 min
 Lab File: BF128334.D
 Acq: 19 May 2022 14:00

Tgt Ion:264 Resp: 186747
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.1 30.1
 265 21.7 17.5 26.3

