

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051722\
 Data File : BF128291.D
 Acq On : 17 May 2022 15:15
 Operator : CG\JU
 Sample : N2858-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-38

Quant Time: May 18 01:33:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 01:31:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	71076	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	279687	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	159146	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	288148	20.000	ng	0.00
76) Chrysene-d12	14.057	240	170466	20.000	ng	0.00
86) Perylene-d12	15.551	264	159470	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	519474	116.511	ng	0.00
7) Phenol-d6	6.510	99	684398	116.055	ng	0.00
23) Nitrobenzene-d5	7.439	82	502048	80.770	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	200800	110.015	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	811810	79.816	ng	0.00
79) Terphenyl-d14	12.998	244	892067	98.195	ng	0.00

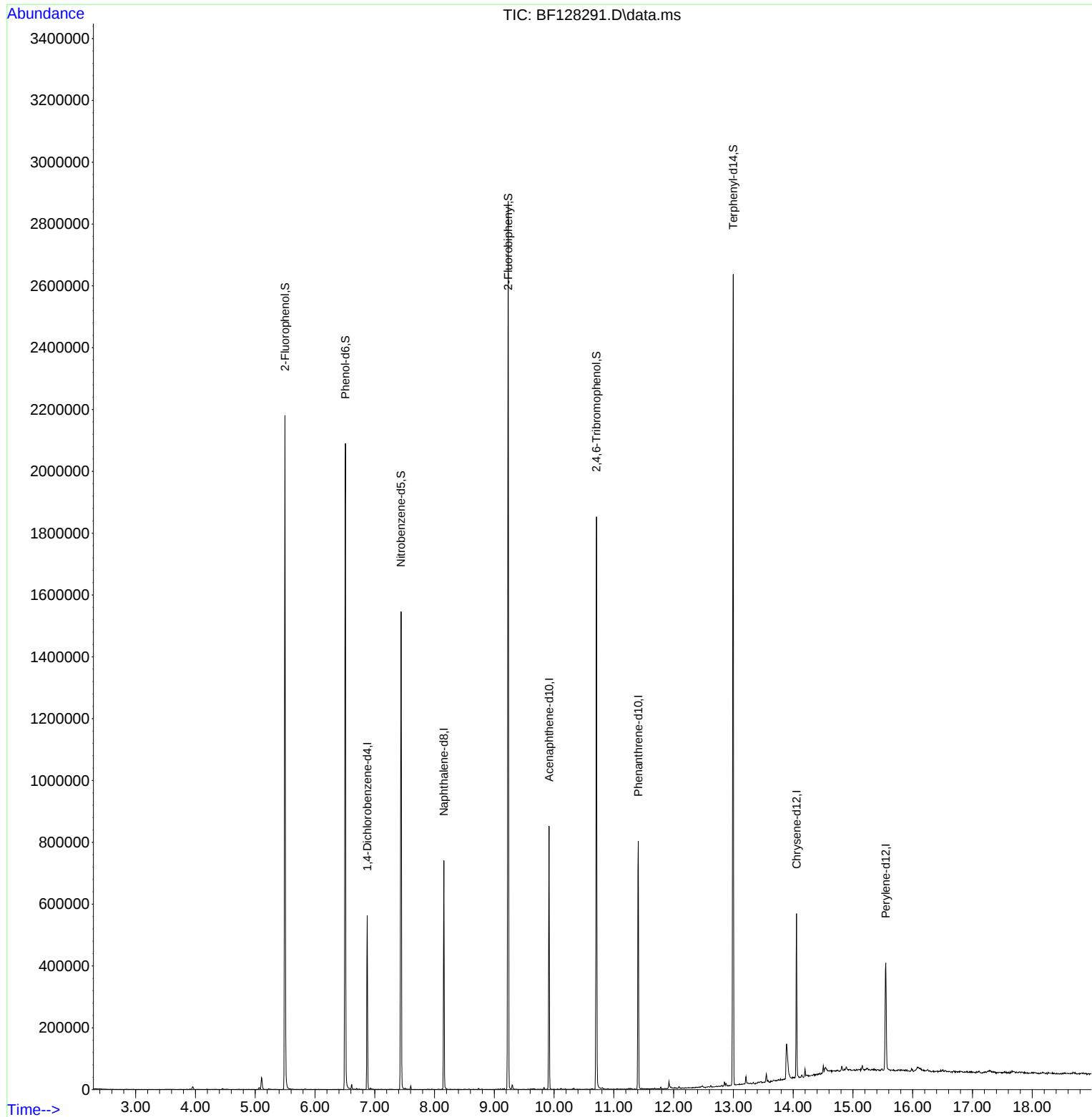
Target Compounds	Qvalue

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

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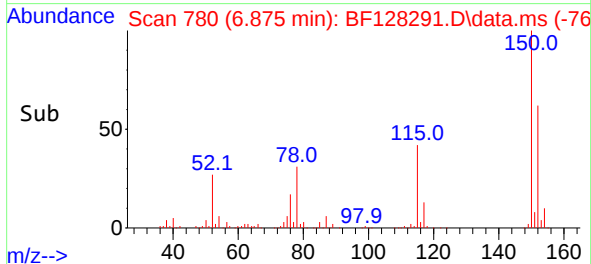
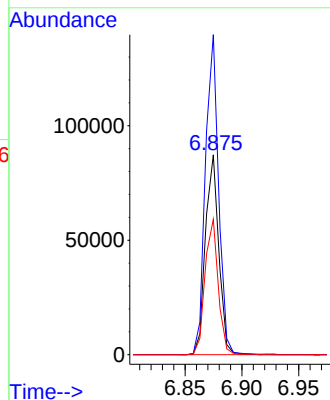
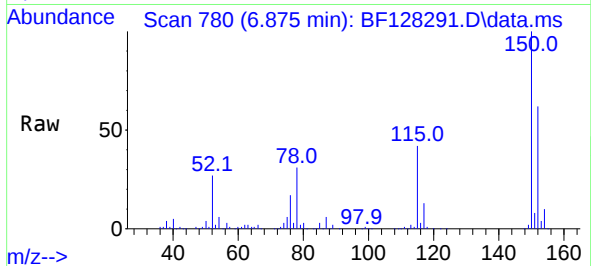




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128291.D
Acq: 17 May 2022 15:15

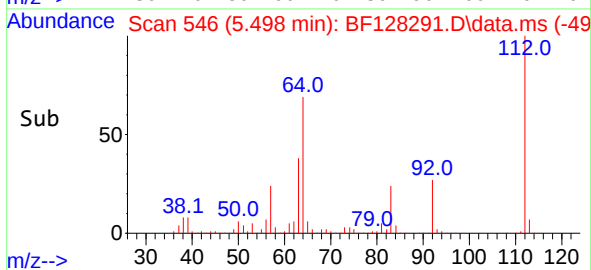
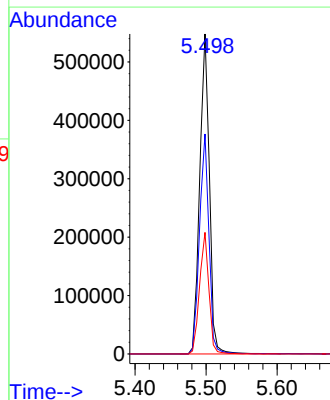
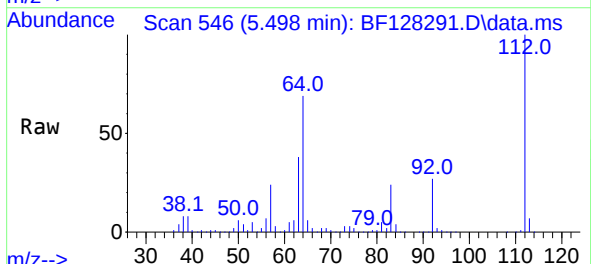
Instrument :
BNA_F
ClientSampleId :
TP-38

Tgt Ion:152 Resp: 71076
Ion Ratio Lower Upper
152 100
150 160.1 125.3 187.9
115 67.8 48.8 73.2



#5
2-Fluorophenol
Concen: 116.511 ng
RT: 5.498 min Scan# 546
Delta R.T. -0.000 min
Lab File: BF128291.D
Acq: 17 May 2022 15:15

Tgt Ion:112 Resp: 519474
Ion Ratio Lower Upper
112 100
64 68.8 49.5 74.3
63 38.0 26.3 39.5

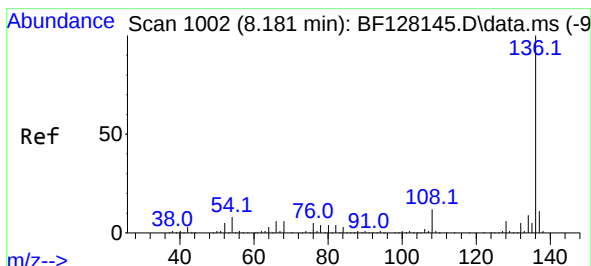
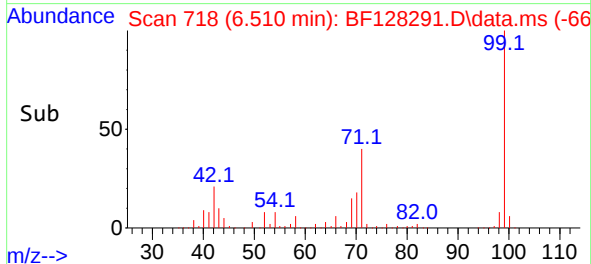
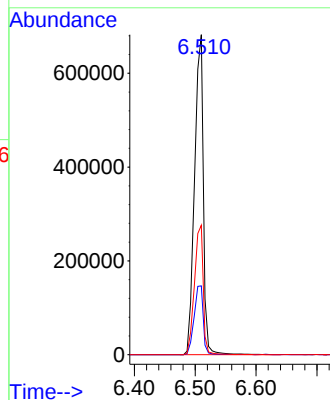
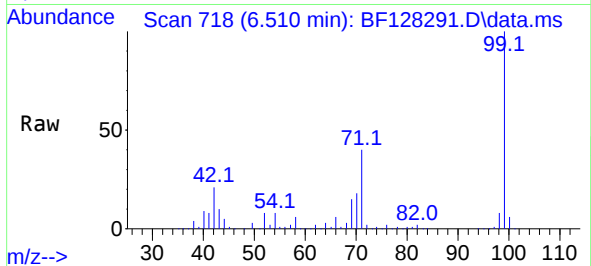




#7
Phenol-d6
Concen: 116.055 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128291.D
Acq: 17 May 2022 15:15

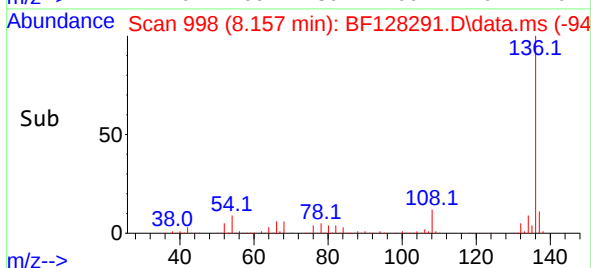
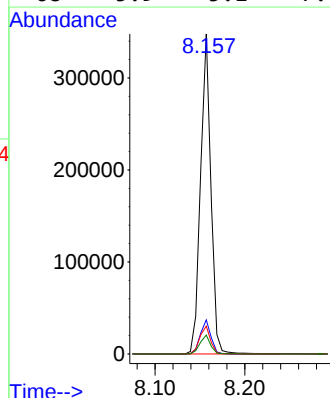
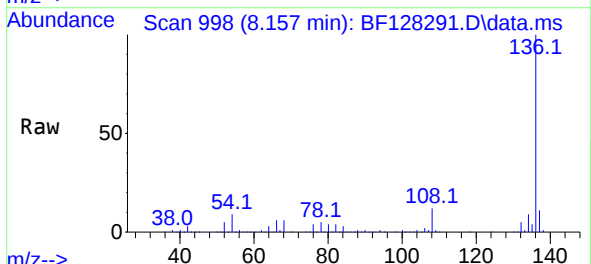
Instrument :
BNA_F
ClientSampleId :
TP-38

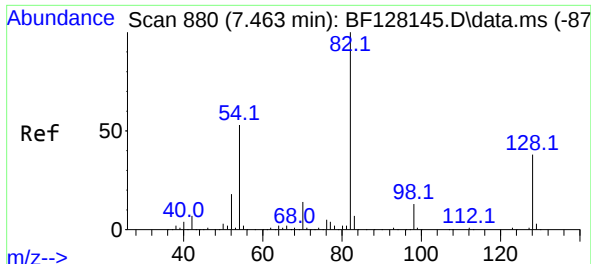
Tgt Ion: 99 Resp: 684398
Ion Ratio Lower Upper
99 100
42 21.5 16.6 24.8
71 40.5 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF128291.D
Acq: 17 May 2022 15:15

Tgt Ion: 136 Resp: 279687
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.7 6.8 10.2
68 5.9 5.1 7.7

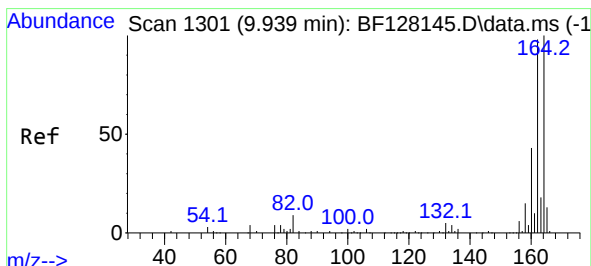
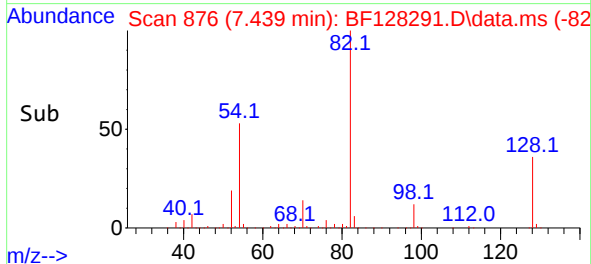
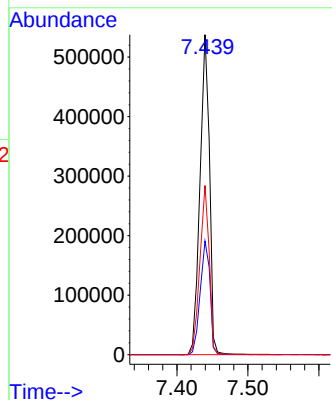
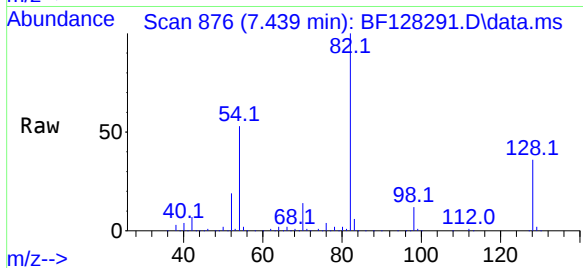




#23
Nitrobenzene-d5
Concen: 80.770 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128291.D
Acq: 17 May 2022 15:15

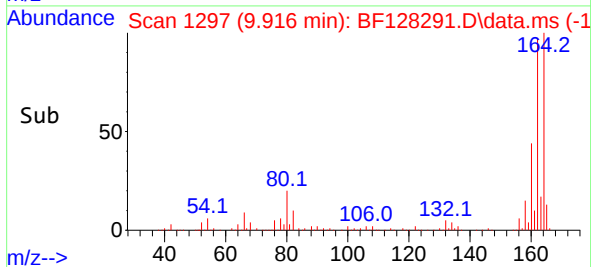
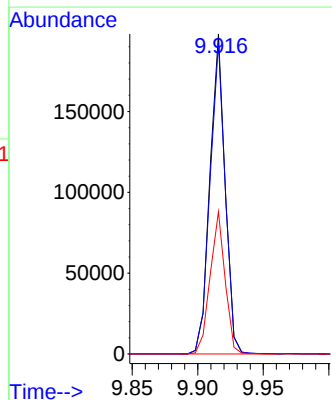
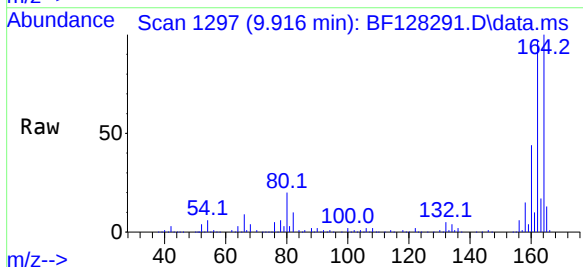
Instrument :
BNA_F
ClientSampleId :
TP-38

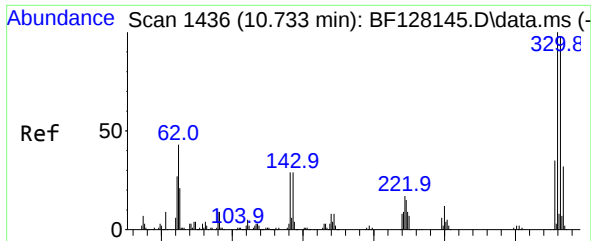
Tgt Ion: 82 Resp: 502048
Ion Ratio Lower Upper
82 100
128 35.5 30.0 45.0
54 52.9 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF128291.D
Acq: 17 May 2022 15:15

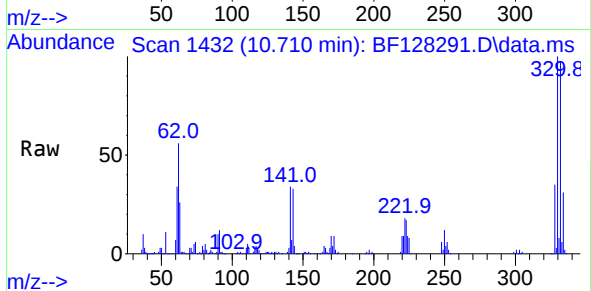
Tgt Ion:164 Resp: 159146
Ion Ratio Lower Upper
164 100
162 97.3 76.0 114.0
160 44.4 34.8 52.2



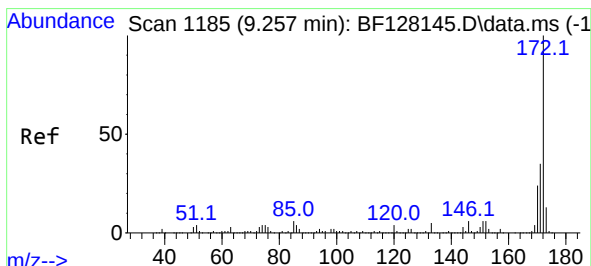
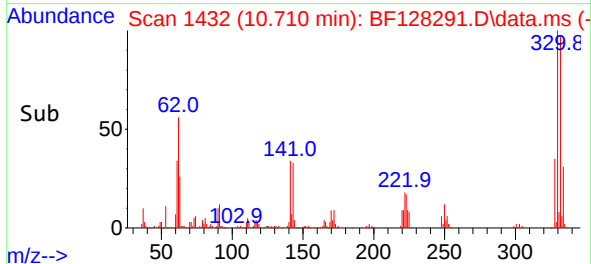
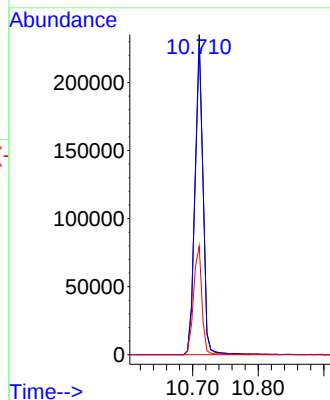


#42
2,4,6-Tribromophenol
Concen: 110.015 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF128291.D
Acq: 17 May 2022 15:15

Instrument :
BNA_F
ClientSampleId :
TP-38

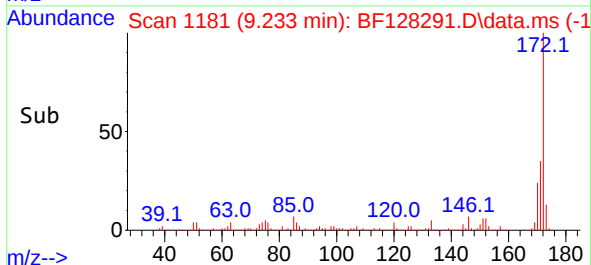
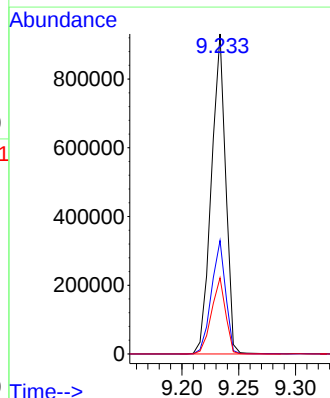
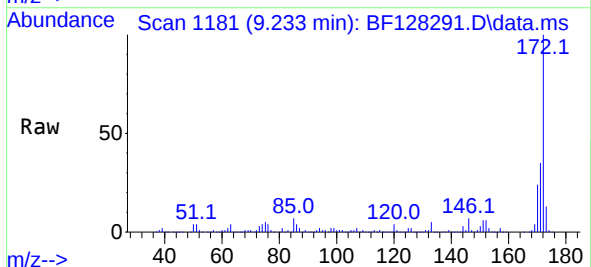


Tgt Ion:330 Resp: 200800
Ion Ratio Lower Upper
330 100
332 97.1 79.0 118.4
141 35.2 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 79.816 ng
RT: 9.233 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF128291.D
Acq: 17 May 2022 15:15

Tgt Ion:172 Resp: 811810
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.8 19.1 28.7

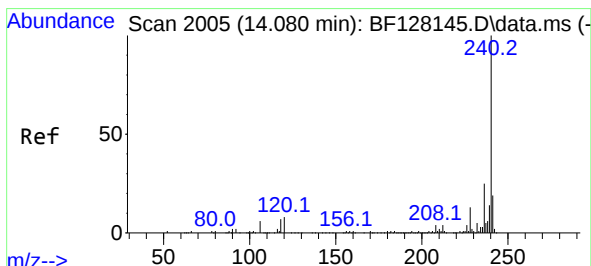
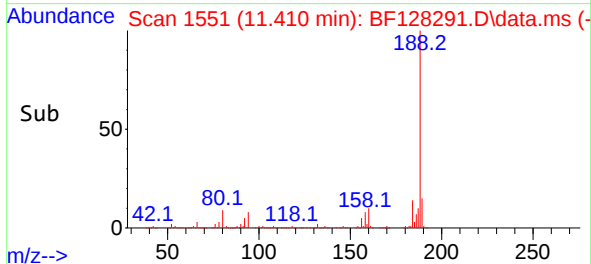
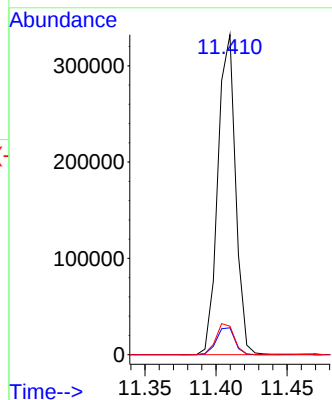
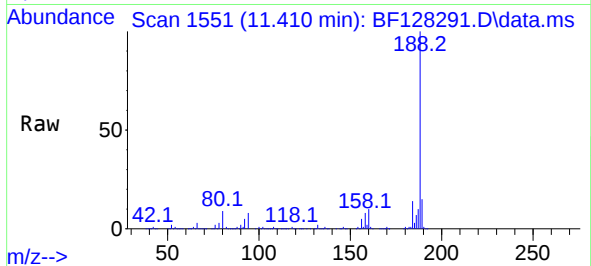




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128291.D
Acq: 17 May 2022 15:15

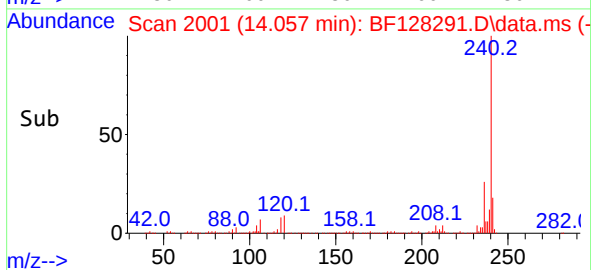
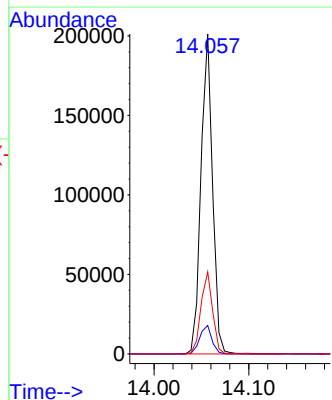
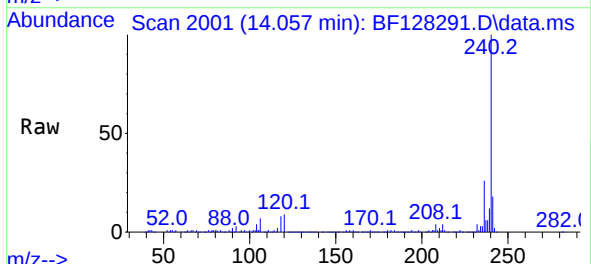
Instrument :
BNA_F
ClientSampleId :
TP-38

Tgt Ion:188 Resp: 288148
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 8.9 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF128291.D
Acq: 17 May 2022 15:15

Tgt Ion:240 Resp: 170466
Ion Ratio Lower Upper
240 100
120 8.9 7.0 10.6
236 25.7 20.3 30.5

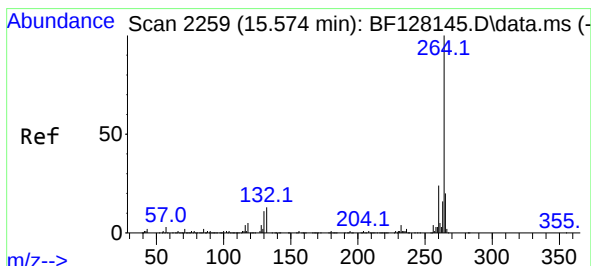
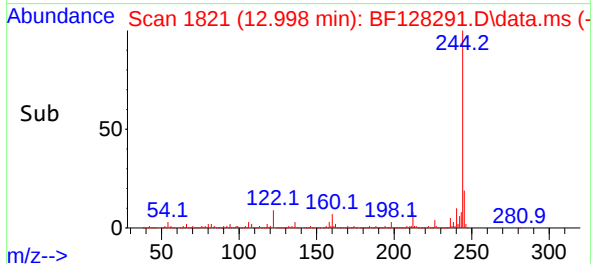
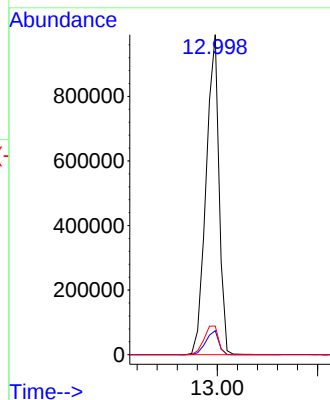
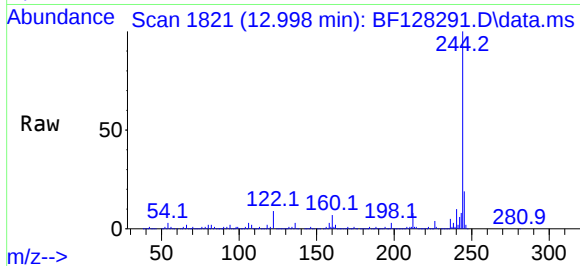




#79
 Terphenyl-d14
 Concen: 98.195 ng
 RT: 12.998 min Scan# 1824
 Delta R.T. -0.006 min
 Lab File: BF128291.D
 Acq: 17 May 2022 15:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-38

Tgt Ion:244 Resp: 892067
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 9.0 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2255
 Delta R.T. -0.006 min
 Lab File: BF128291.D
 Acq: 17 May 2022 15:15

Tgt Ion:264 Resp: 159470
 Ion Ratio Lower Upper
 264 100
 260 23.5 20.1 30.1
 265 21.3 17.5 26.3

