

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
 Data File : BF128053.D
 Acq On : 03 May 2022 18:43
 Operator : CG\JU
 Sample : N2649-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: May 04 04:27:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	98066	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	376939	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	199017	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	287832	20.000	ng	-0.01
76) Chrysene-d12	14.092	240	197381	20.000	ng	-0.01
86) Perylene-d12	15.604	264	154651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	595785	96.767	ng	0.00
7) Phenol-d6	6.540	99	795257	99.544	ng	-0.01
23) Nitrobenzene-d5	7.481	82	566432	70.664	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	174718	87.209	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	901533	76.635	ng	0.00
79) Terphenyl-d14	13.033	244	659931	61.137	ng	-0.01

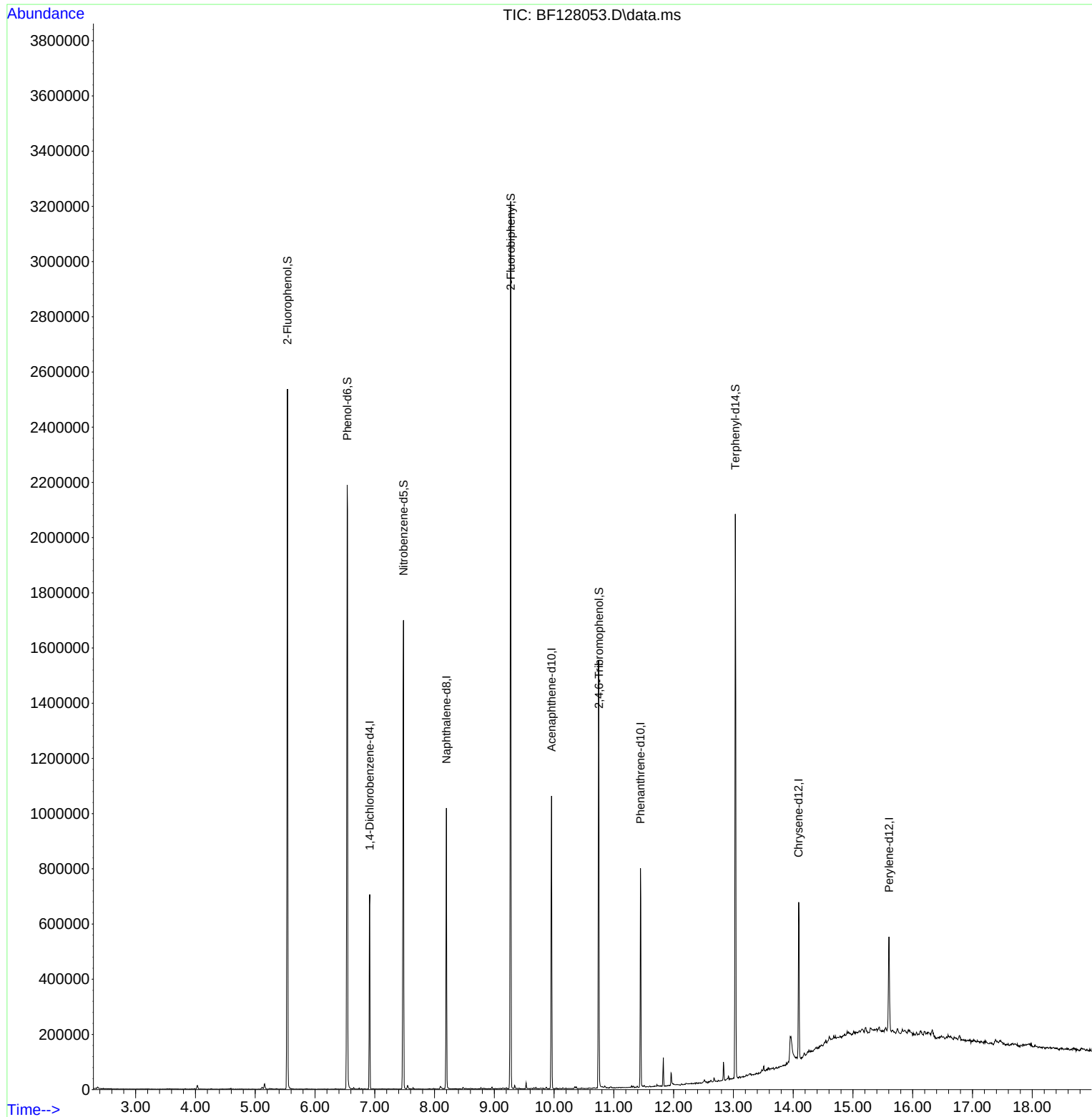
Target Compounds	Qvalue

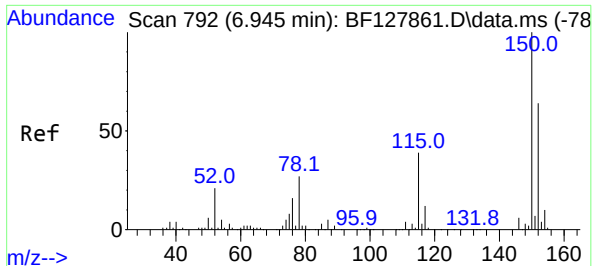
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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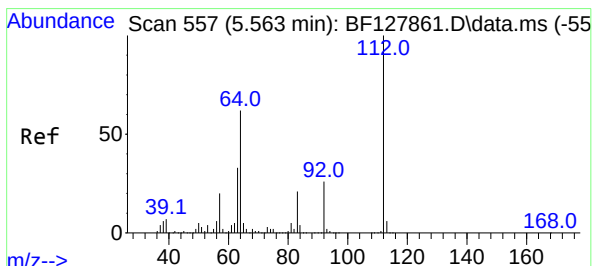
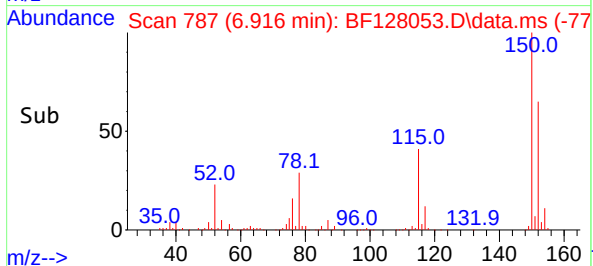
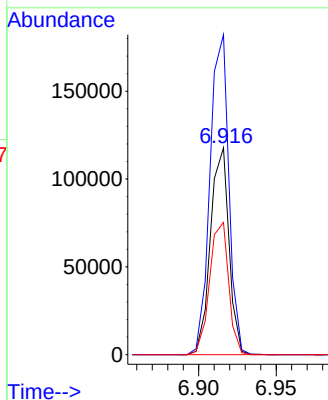
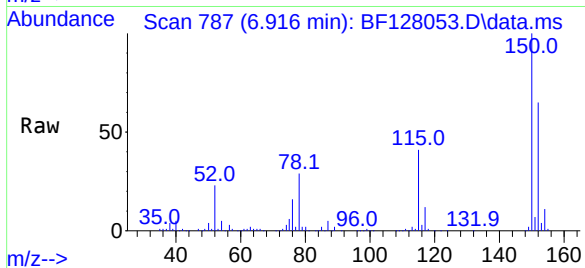




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF128053.D
Acq: 03 May 2022 18:43

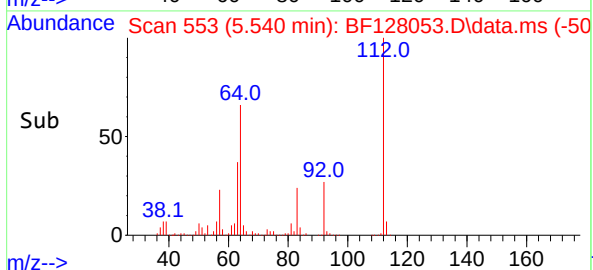
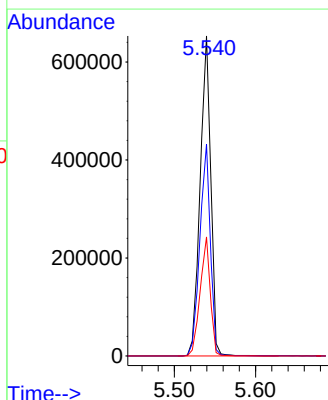
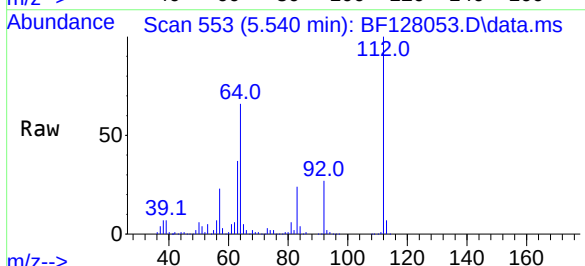
Instrument :
BNA_F
ClientSampleId :
WC-1

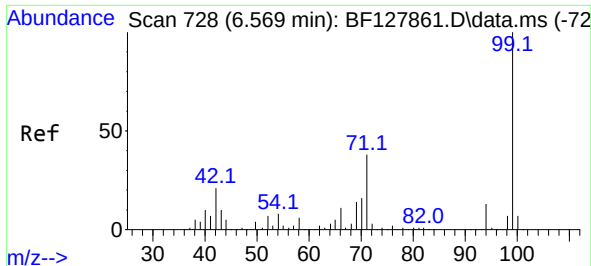
Tgt Ion:152 Resp: 98066
Ion Ratio Lower Upper
152 100
150 154.7 125.3 187.9
115 64.0 48.8 73.2



#5
2-Fluorophenol
Concen: 96.767 ng
RT: 5.540 min Scan# 553
Delta R.T. -0.000 min
Lab File: BF128053.D
Acq: 03 May 2022 18:43

Tgt Ion:112 Resp: 595785
Ion Ratio Lower Upper
112 100
64 66.2 49.5 74.3
63 37.2 26.3 39.5

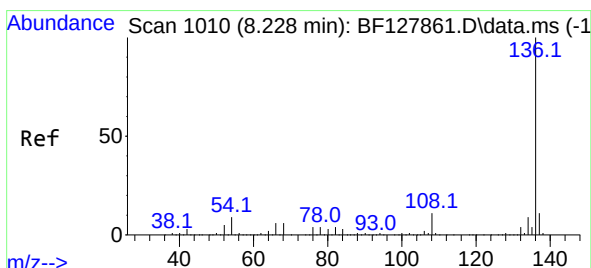
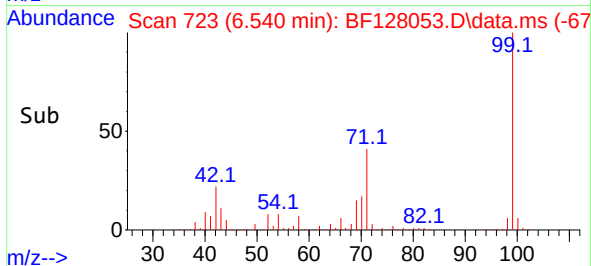
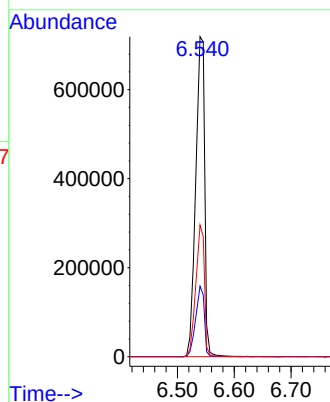
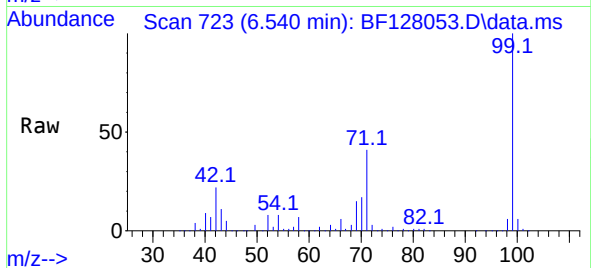




#7
Phenol-d6
Concen: 99.544 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128053.D
Acq: 03 May 2022 18:43

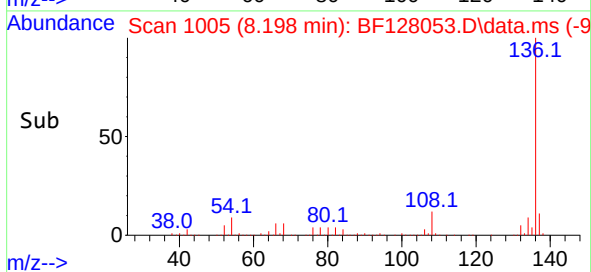
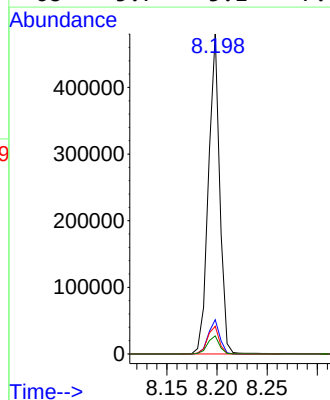
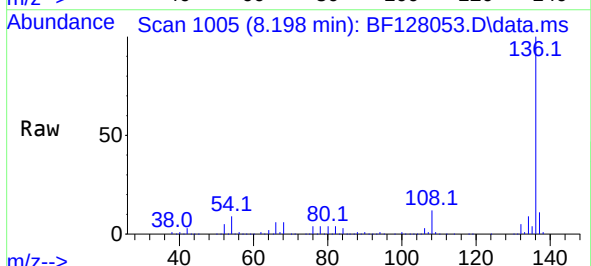
Instrument :
BNA_F
ClientSampleId :
WC-1

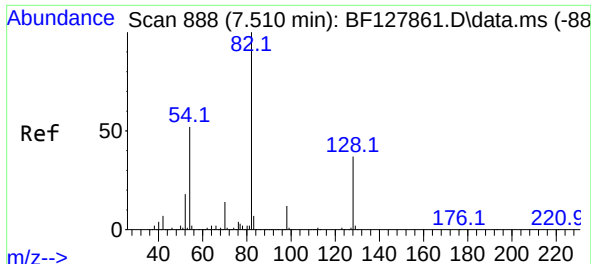
Tgt Ion: 99 Resp: 795257
Ion Ratio Lower Upper
99 100
42 22.0 16.6 24.8
71 41.1 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF128053.D
Acq: 03 May 2022 18:43

Tgt Ion: 136 Resp: 376939
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.7 6.8 10.2
68 5.7 5.1 7.7





#23

Nitrobenzene-d5

Concen: 70.664 ng

RT: 7.481 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF128053.D

Acq: 03 May 2022 18:43

Instrument :

BNA_F

ClientSampleId :

WC-1

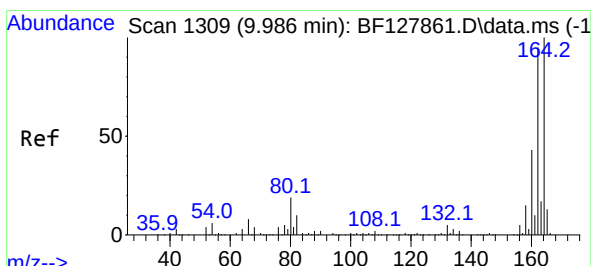
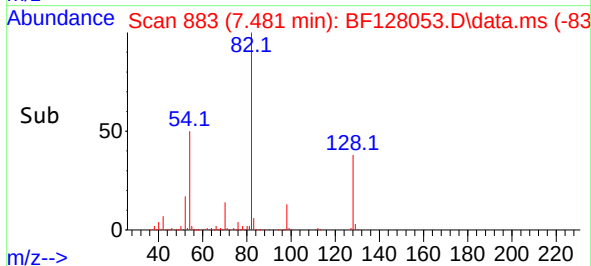
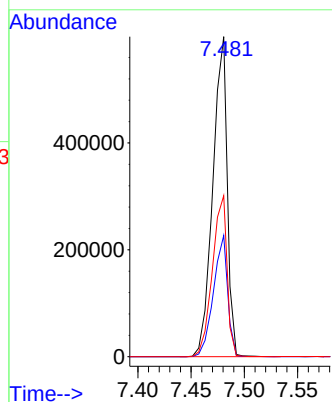
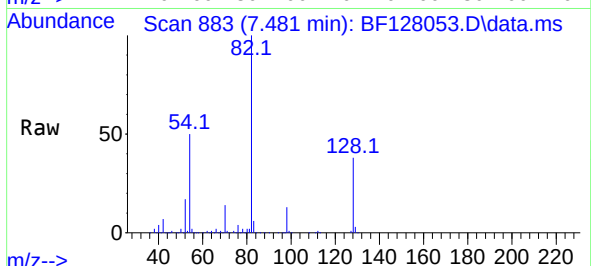
Tgt Ion: 82 Resp: 566432

Ion Ratio Lower Upper

82 100

128 37.8 30.0 45.0

54 50.3 41.3 61.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BF128053.D

Acq: 03 May 2022 18:43

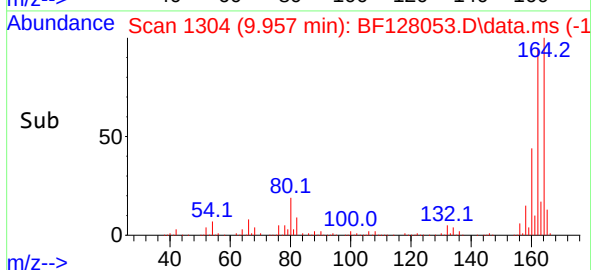
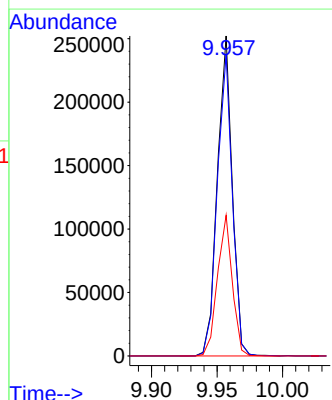
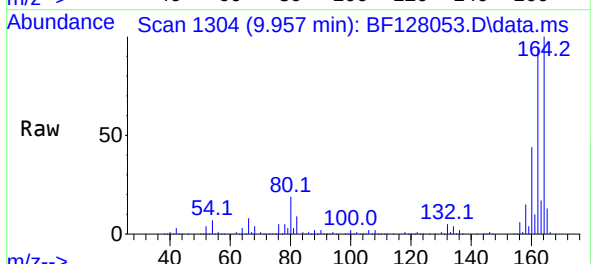
Tgt Ion: 164 Resp: 199017

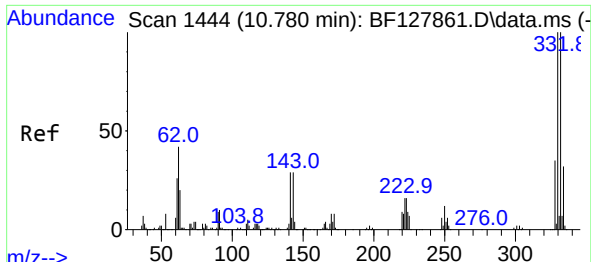
Ion Ratio Lower Upper

164 100

162 94.2 76.0 114.0

160 44.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 87.209 ng

RT: 10.751 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128053.D

Acq: 03 May 2022 18:43

Instrument :

BNA_F

ClientSampleId :

WC-1

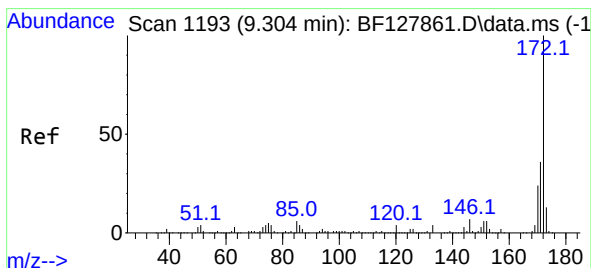
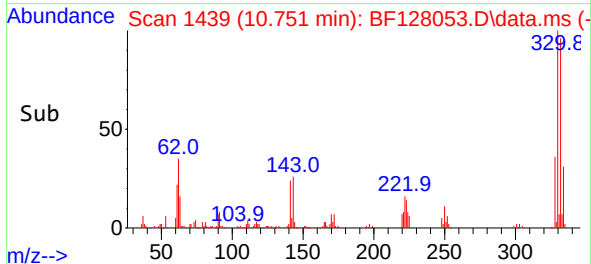
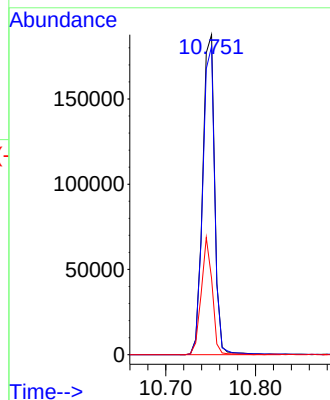
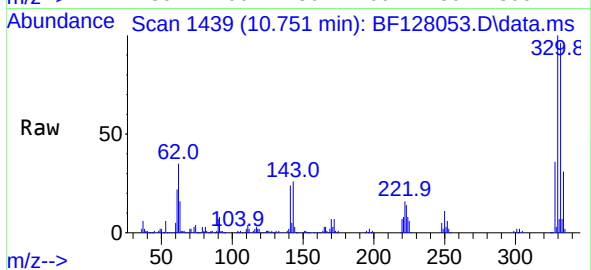
Tgt Ion:330 Resp: 174718

Ion Ratio Lower Upper

330 100

332 96.6 79.0 118.4

141 33.4 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 76.635 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF128053.D

Acq: 03 May 2022 18:43

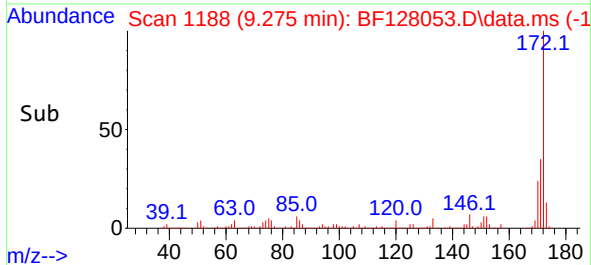
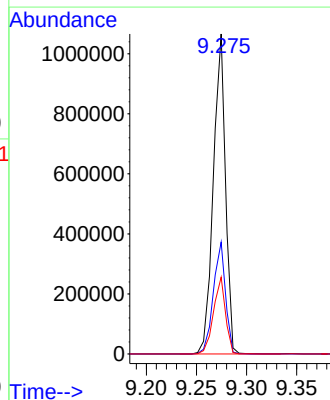
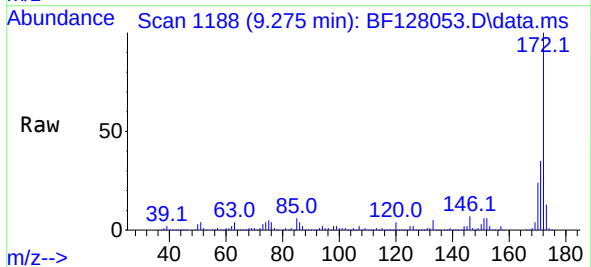
Tgt Ion:172 Resp: 901533

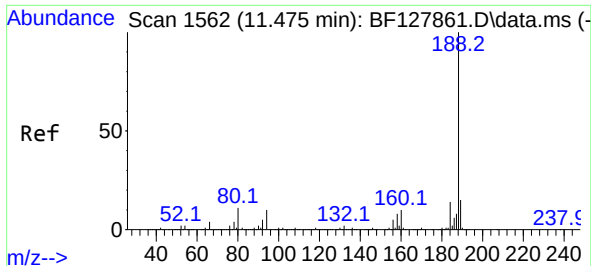
Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 24.0 19.1 28.7

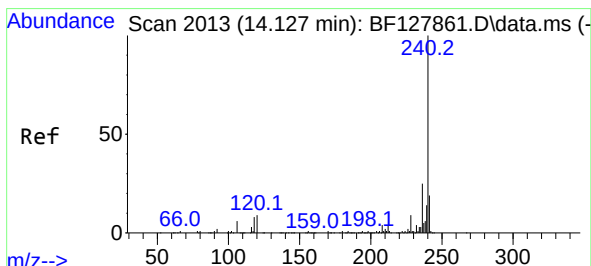
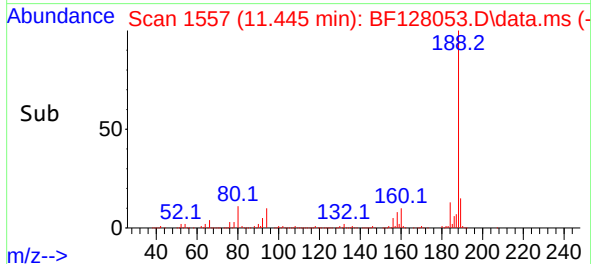
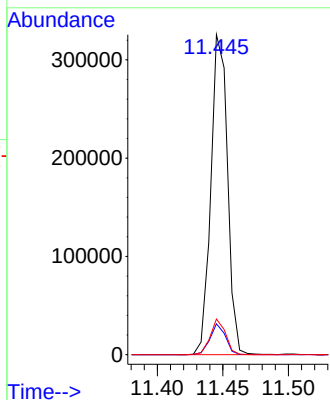
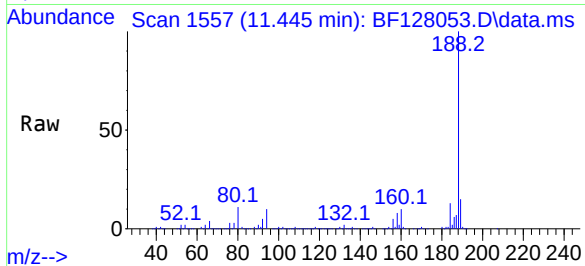




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128053.D
Acq: 03 May 2022 18:43

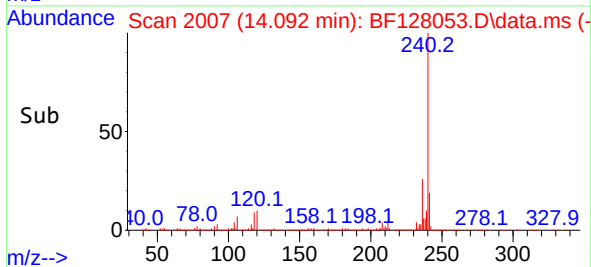
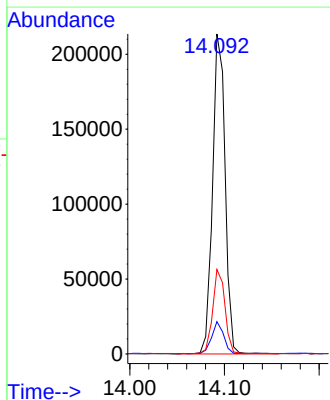
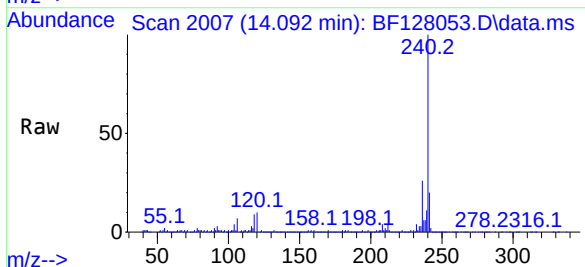
Instrument :
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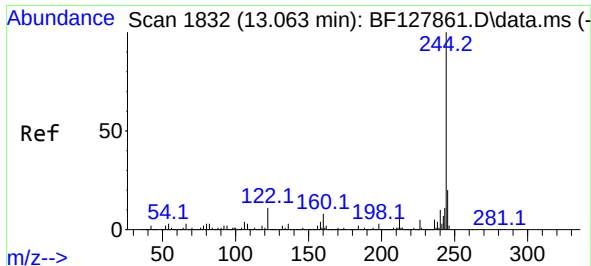
Tgt Ion:188 Resp: 287832
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 11.1 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF128053.D
Acq: 03 May 2022 18:43

Tgt Ion:240 Resp: 197381
Ion Ratio Lower Upper
240 100
120 10.1 7.0 10.6
236 26.4 20.3 30.5

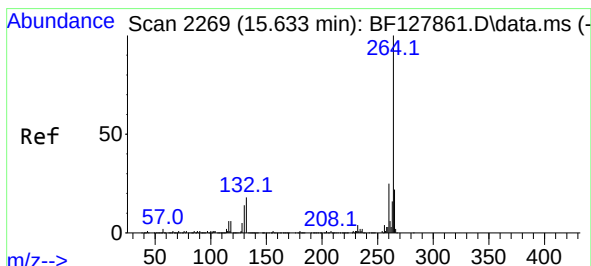
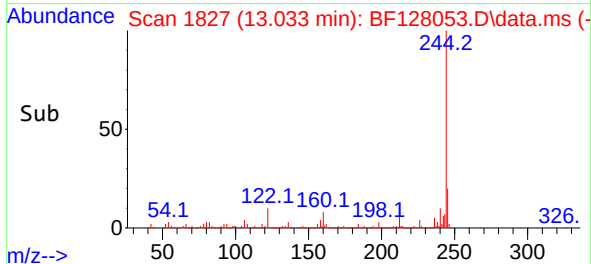
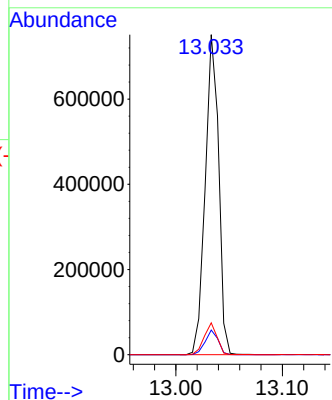
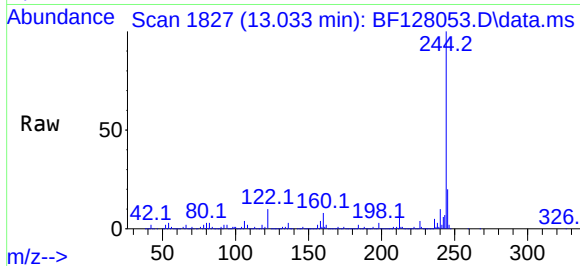




#79
 Terphenyl-d14
 Concen: 61.137 ng
 RT: 13.033 min Scan# 1832
 Delta R.T. -0.012 min
 Lab File: BF128053.D
 Acq: 03 May 2022 18:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tgt Ion:244 Resp: 659931
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 10.0 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF128053.D
 Acq: 03 May 2022 18:43

Tgt Ion:264 Resp: 154651
 Ion Ratio Lower Upper
 264 100
 260 23.2 20.1 30.1
 265 21.1 17.5 26.3

