

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
 Data File : BF128309.D
 Acq On : 18 May 2022 13:50
 Operator : CG\JU
 Sample : N2863-11RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P003-SS005-0006-01RE

Quant Time: May 18 16:49:57 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	6.869	152	65114	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	231897	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	114164	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	188605	20.000	ng	#-0.01
76) Chrysene-d12	14.051	240	182344	20.000	ng	-0.01
86) Perylene-d12	15.539	264	160002	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	378325	92.622	ng	0.00
7) Phenol-d6	6.504	99	466871	86.417	ng	-0.01
23) Nitrobenzene-d5	7.434	82	348141	67.552	ng	-0.02
42) 2,4,6-Tribromophenol	10.704	330	106170	81.088	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	511612	70.120	ng	-0.01
79) Terphenyl-d14	12.986	244	506590	52.131	ng	-0.02

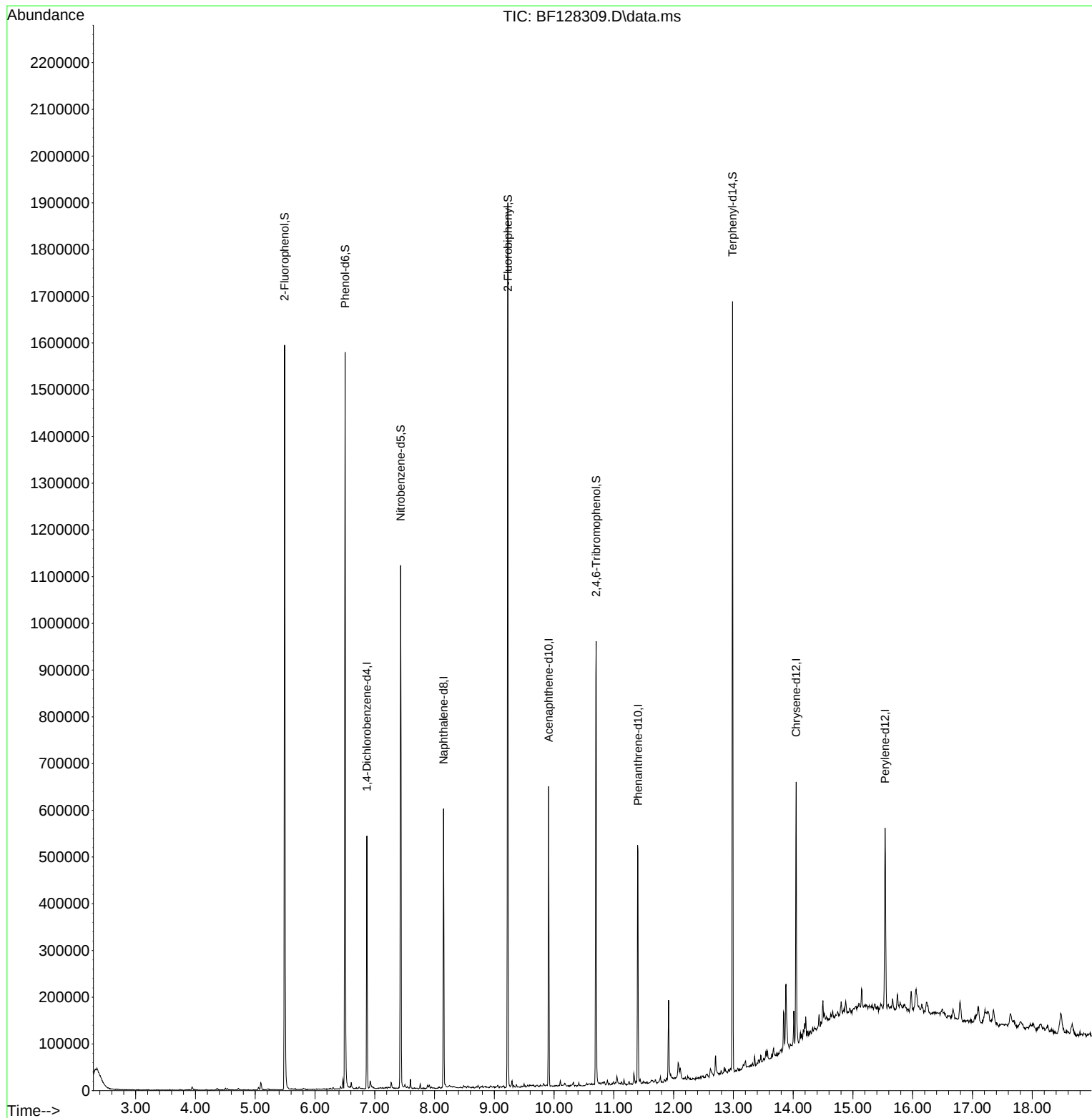
Target Compounds	Qvalue

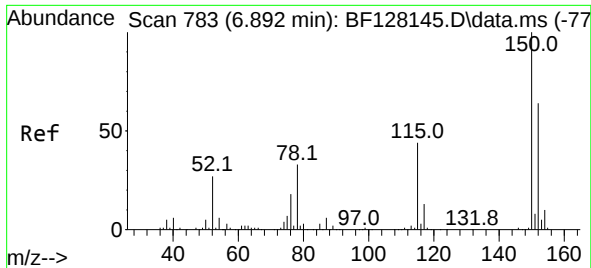
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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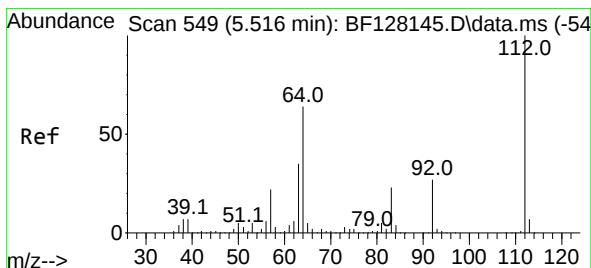
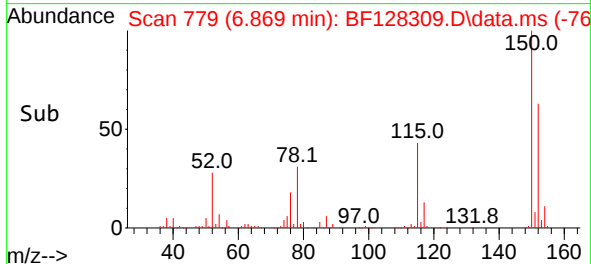
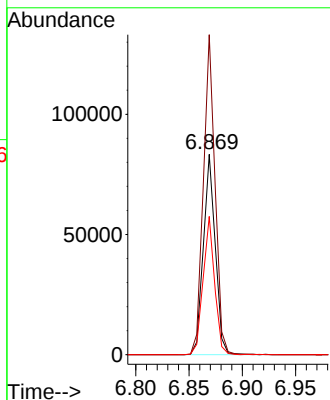
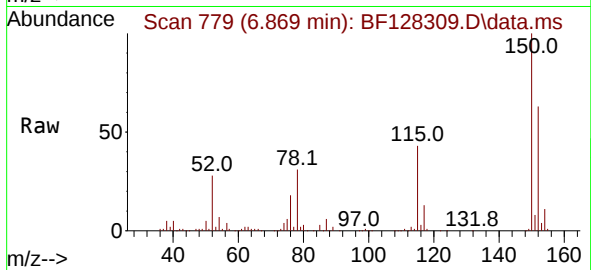




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF128309.D
 Acq: 18 May 2022 13:50

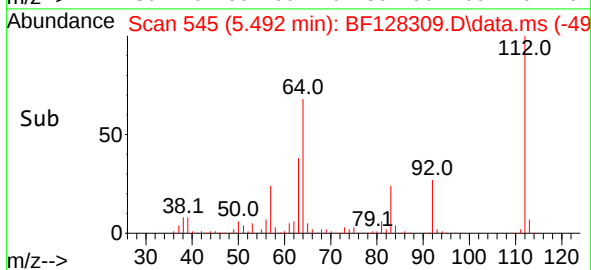
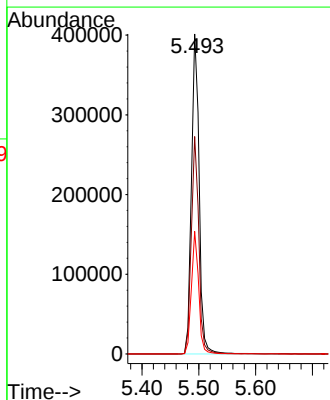
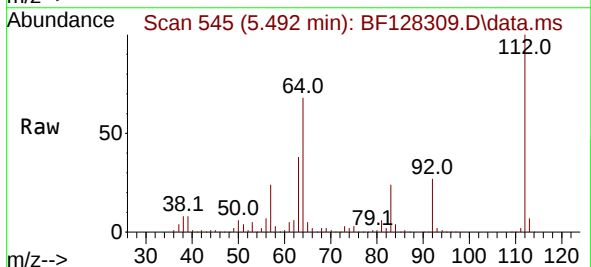
Instrument :
 BNA_F
 ClientSampleId :
 P003-SS005-0006-01RE

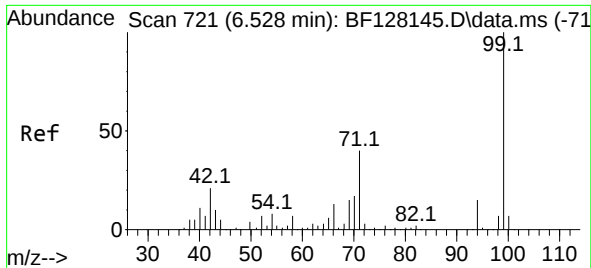
Tgt Ion:152 Resp: 65114
 Ion Ratio Lower Upper
 152 100
 150 159.7 125.3 187.9
 115 69.0 48.8 73.2



#5
 2-Fluorophenol
 Concen: 92.622 ng
 RT: 5.492 min Scan# 545
 Delta R.T. -0.006 min
 Lab File: BF128309.D
 Acq: 18 May 2022 13:50

Tgt Ion:112 Resp: 378325
 Ion Ratio Lower Upper
 112 100
 64 67.9 49.5 74.3
 63 38.3 26.3 39.5





#7

Phenol-d6

Concen: 86.417 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF128309.D

Acq: 18 May 2022 13:50

Instrument :

BNA_F

ClientSampleId :

P003-SS005-0006-01RE

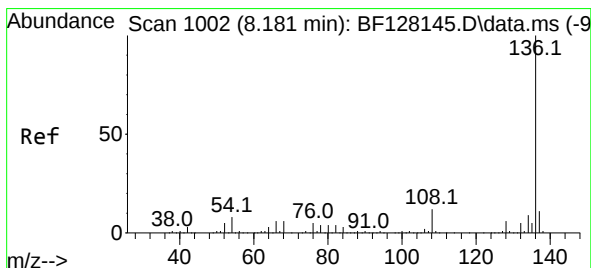
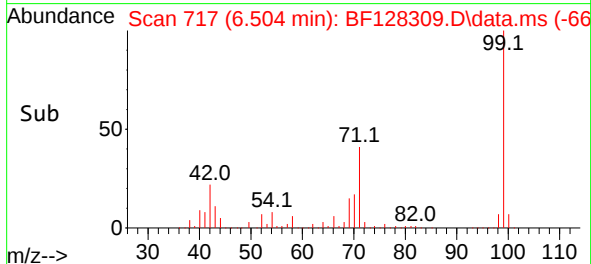
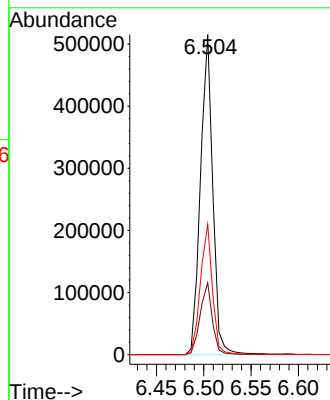
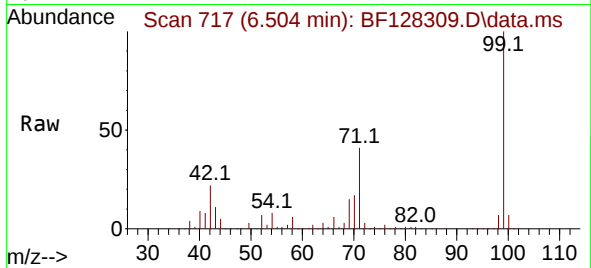
Tgt Ion: 99 Resp: 466871

Ion Ratio Lower Upper

99 100

42 22.5 16.6 24.8

71 40.8 30.0 45.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 997

Delta R.T. -0.012 min

Lab File: BF128309.D

Acq: 18 May 2022 13:50

Tgt Ion:136 Resp: 231897

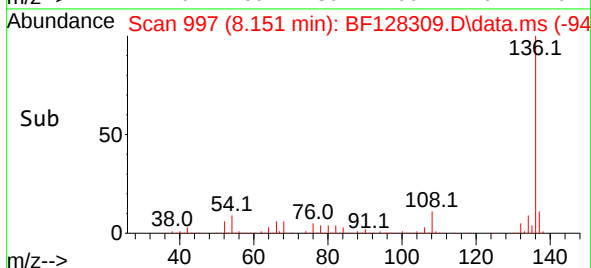
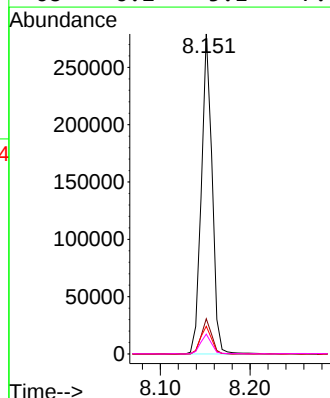
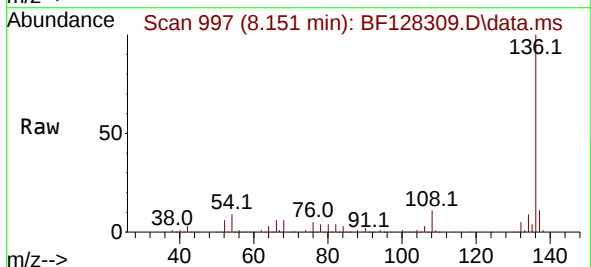
Ion Ratio Lower Upper

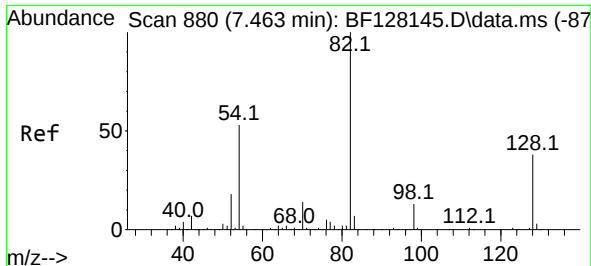
136 100

137 11.0 8.6 13.0

54 8.6 6.8 10.2

68 6.2 5.1 7.7

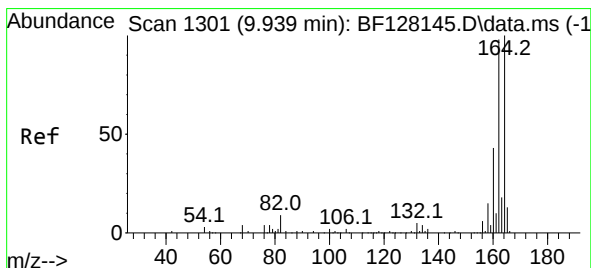
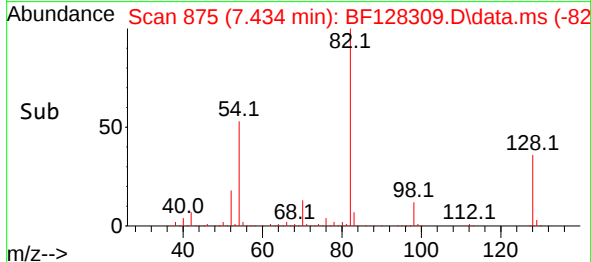
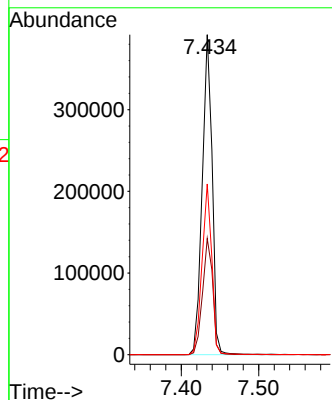
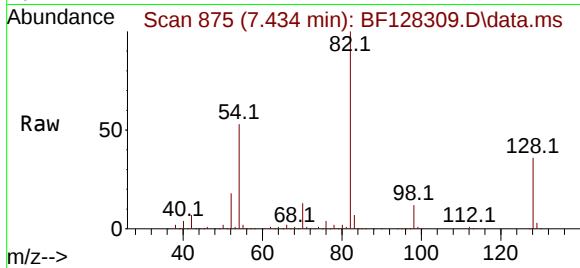




#23
Nitrobenzene-d5
Concen: 67.552 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF128309.D
Acq: 18 May 2022 13:50

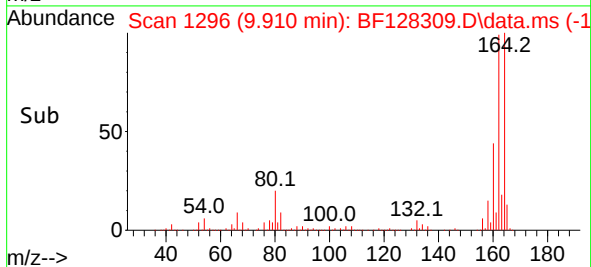
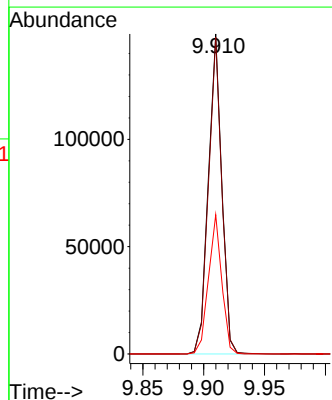
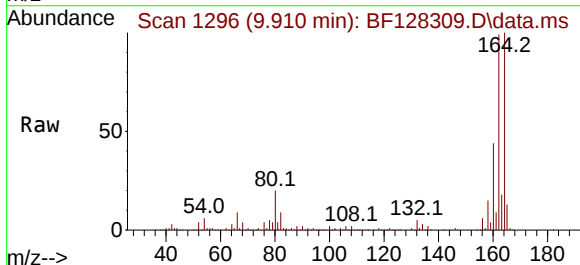
Instrument :
BNA_F
ClientSampleId :
P003-SS005-0006-01RE

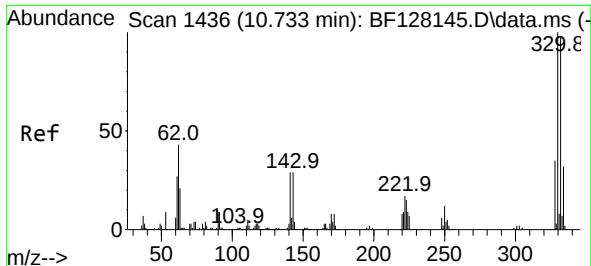
Tgt Ion: 82 Resp: 348141
Ion Ratio Lower Upper
82 100
128 36.3 30.0 45.0
54 53.4 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.012 min
Lab File: BF128309.D
Acq: 18 May 2022 13:50

Tgt Ion:164 Resp: 114164
Ion Ratio Lower Upper
164 100
162 99.1 76.0 114.0
160 43.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 81.088 ng

RT: 10.704 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF128309.D

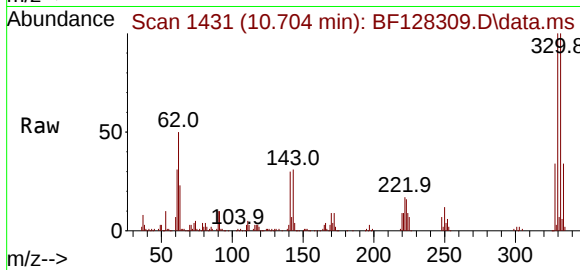
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Instrument :

BNA_F

ClientSampleId :

P003-SS005-0006-01RE



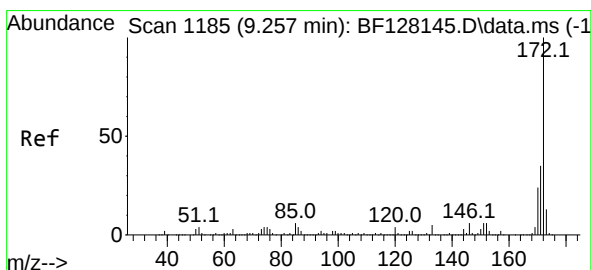
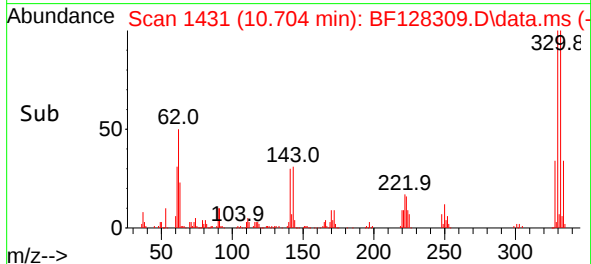
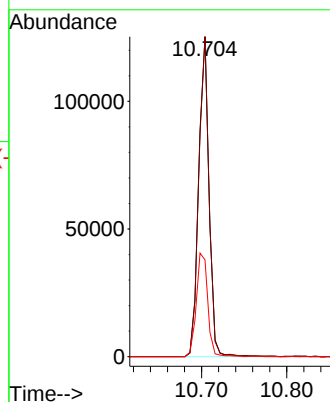
Tgt Ion:330 Resp: 106170

Ion Ratio Lower Upper

330 100

332 99.4 79.0 118.4

141 35.5 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 70.120 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.012 min

Lab File: BF128309.D

Acq: 18 May 2022 13:50

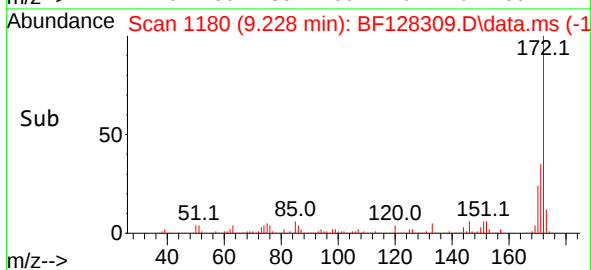
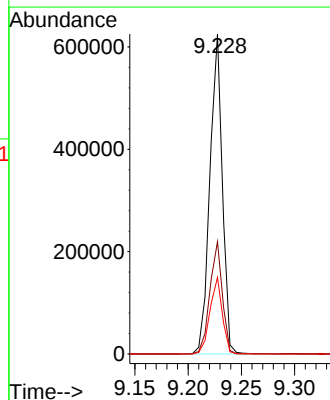
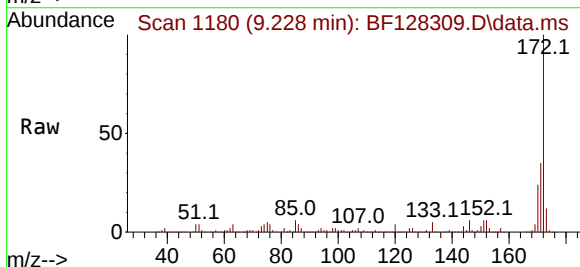
Tgt Ion:172 Resp: 511612

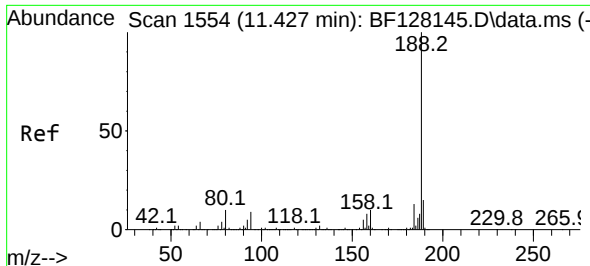
Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 23.9 19.1 28.7

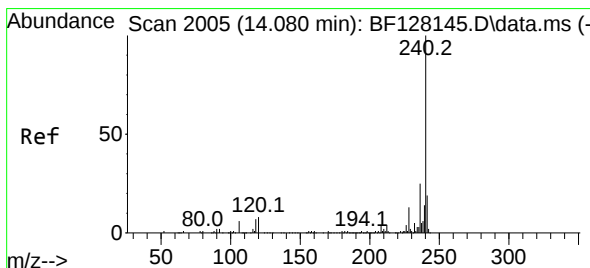
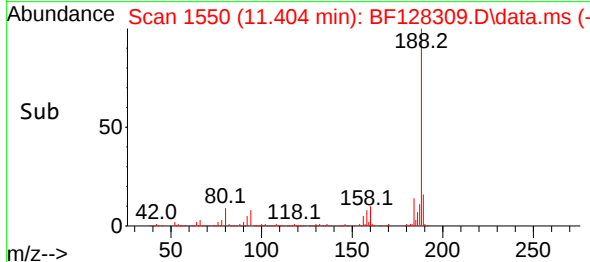
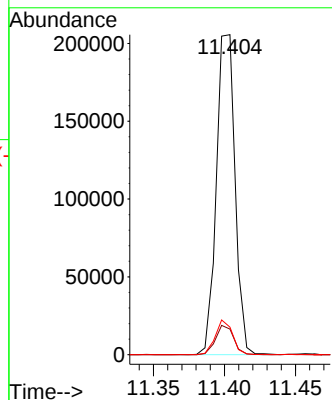
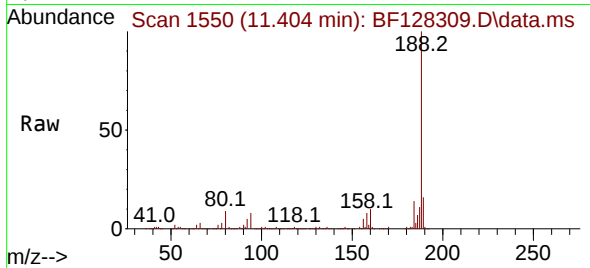




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128309.D
Acq: 18 May 2022 13:50

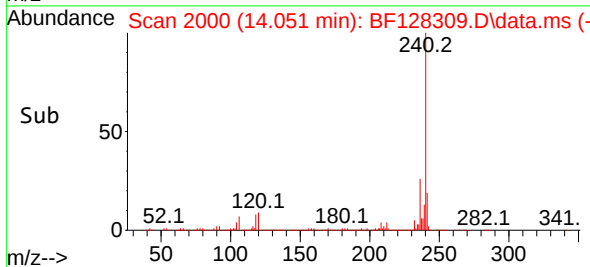
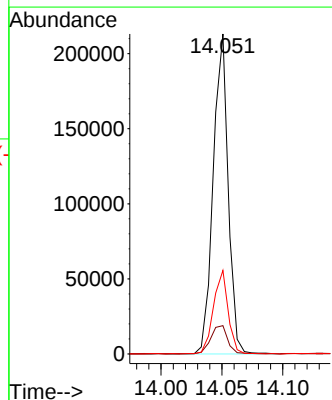
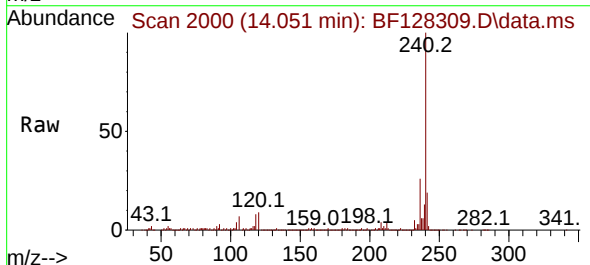
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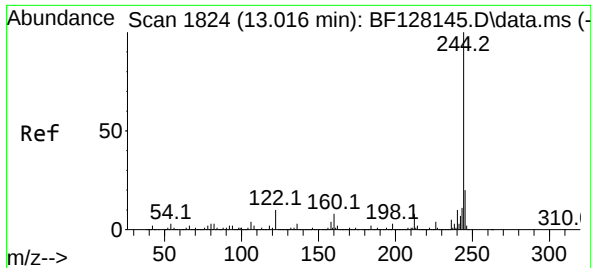
Tgt Ion:188 Resp: 188605
Ion Ratio Lower Upper
188 100
94 8.0 8.0 12.0
80 8.6 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.012 min
Lab File: BF128309.D
Acq: 18 May 2022 13:50

Tgt Ion:240 Resp: 182344
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 26.1 20.3 30.5

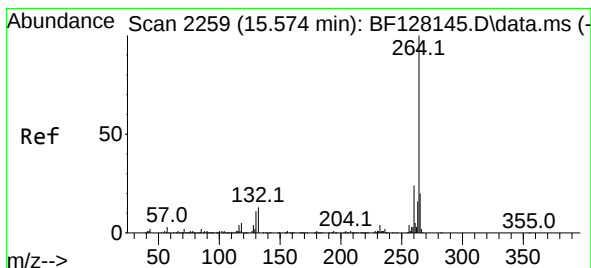
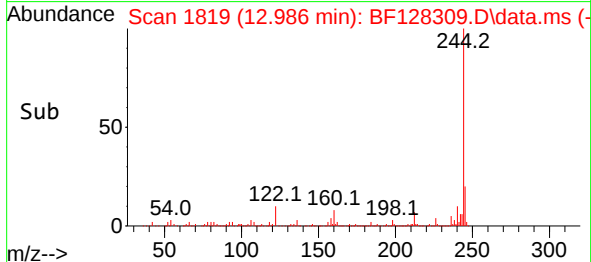
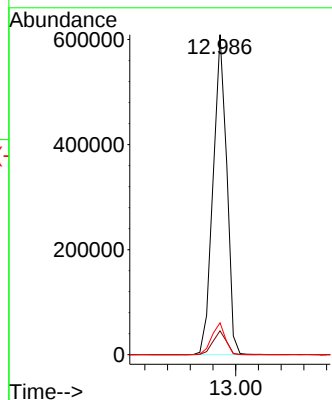
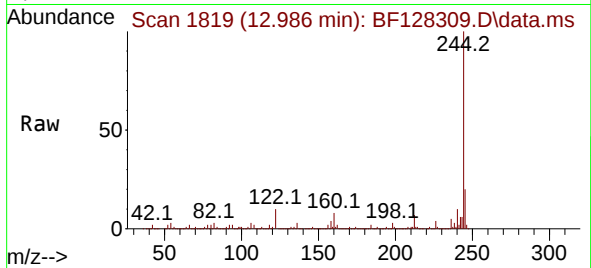




#79
 Terphenyl-d14
 Concen: 52.131 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF128309.D
 Acq: 18 May 2022 13:50

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 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 506590
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 9.9 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2253
 Delta R.T. -0.018 min
 Lab File: BF128309.D
 Acq: 18 May 2022 13:50

Tgt Ion:264 Resp: 160002
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.1 30.1
 265 21.3 17.5 26.3

