

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060122\
 Data File : BF128620.D
 Acq On : 01 Jun 2022 12:51
 Operator : CG\JU
 Sample : N2984-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P014-SS002-1218-01

Quant Time: Jun 02 04:35:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	105087	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	394865	20.000	ng	#-0.01
39) Acenaphthene-d10	9.869	164	224394	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	431762	20.000	ng	#-0.01
76) Chrysene-d12	13.998	240	307488	20.000	ng	#-0.01
86) Perylene-d12	15.462	264	210373	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	745018	117.431	ng	0.05
7) Phenol-d6	6.510	99	974112	120.422	ng	0.04
23) Nitrobenzene-d5	7.398	82	683647	99.878	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	304407	142.523	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1305940	94.552	ng	-0.01
79) Terphenyl-d14	12.951	244	1600544	100.563	ng	0.00

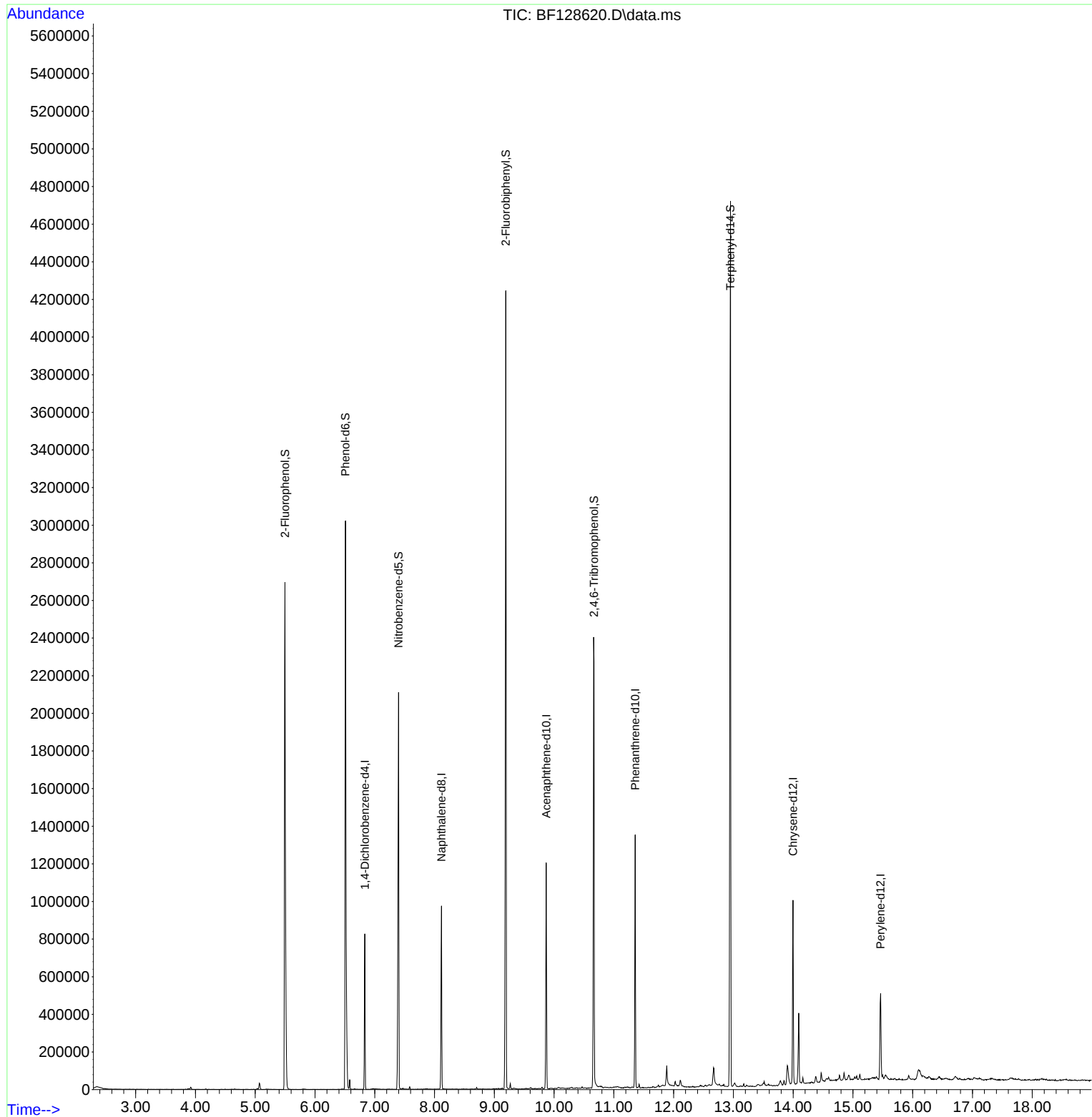
Target Compounds	Qvalue

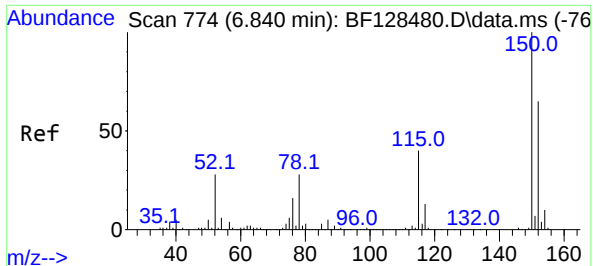
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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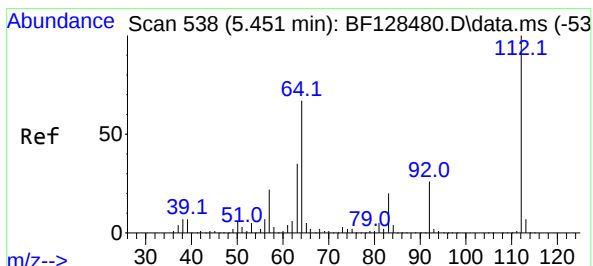
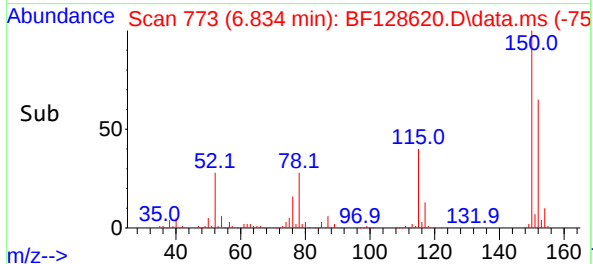
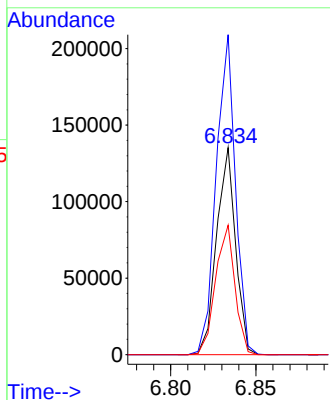
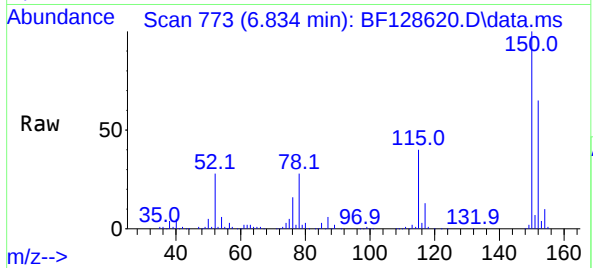




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128620.D
Acq: 01 Jun 2022 12:51

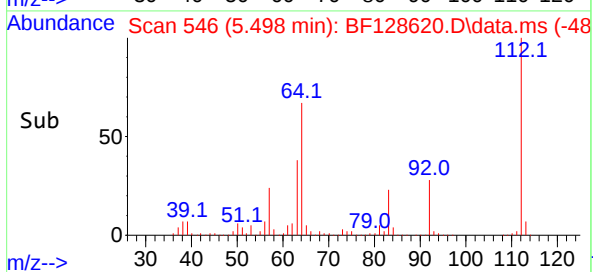
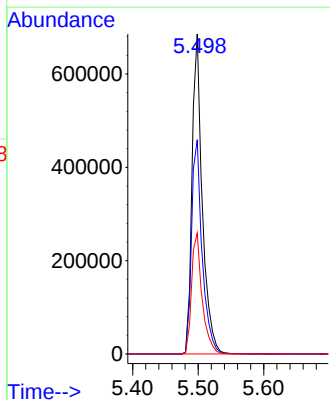
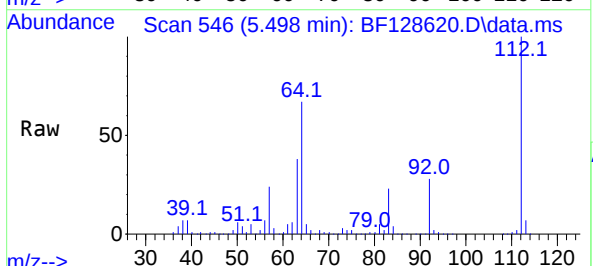
Instrument :
BNA_F
ClientSampleId :
P014-SS002-1218-01

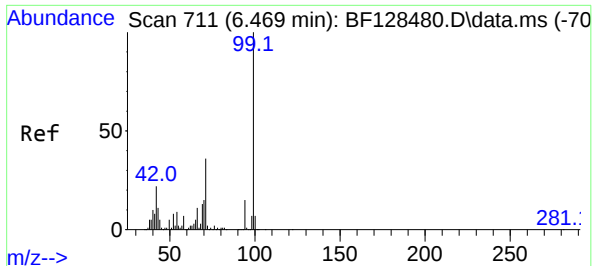
Tgt Ion:152 Resp: 105087
Ion Ratio Lower Upper
152 100
150 154.5 123.7 185.5
115 62.5 49.9 74.9



#5
2-Fluorophenol
Concen: 117.431 ng
RT: 5.498 min Scan# 546
Delta R.T. 0.047 min
Lab File: BF128620.D
Acq: 01 Jun 2022 12:51

Tgt Ion:112 Resp: 745018
Ion Ratio Lower Upper
112 100
64 67.0 53.3 79.9
63 37.8 28.0 42.0

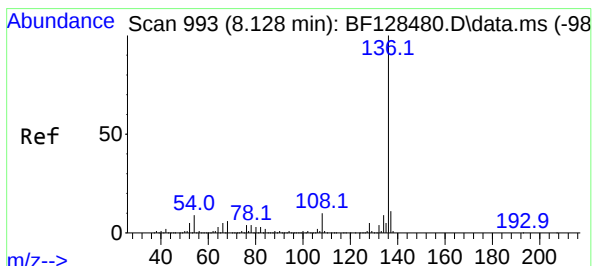
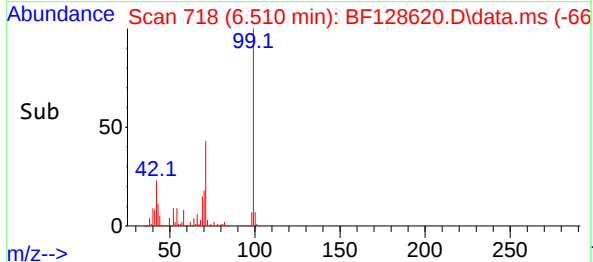
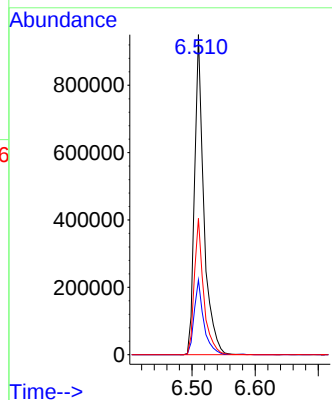
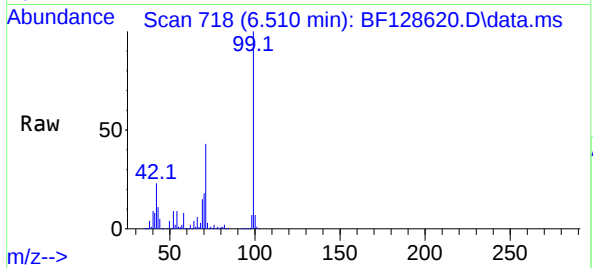




#7
Phenol-d6
Concen: 120.422 ng
RT: 6.510 min Scan# 711
Delta R.T. 0.041 min
Lab File: BF128620.D
Acq: 01 Jun 2022 12:51

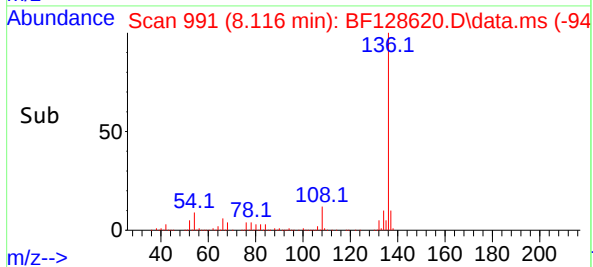
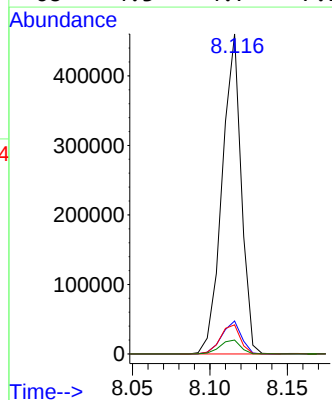
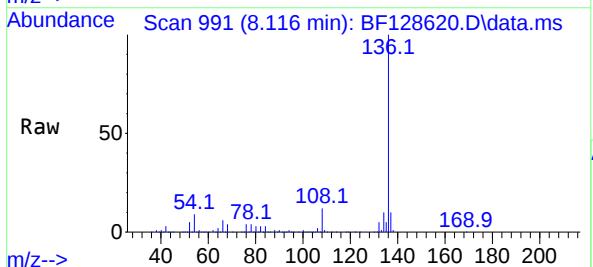
Instrument :
BNA_F
ClientSampleId :
P014-SS002-1218-01

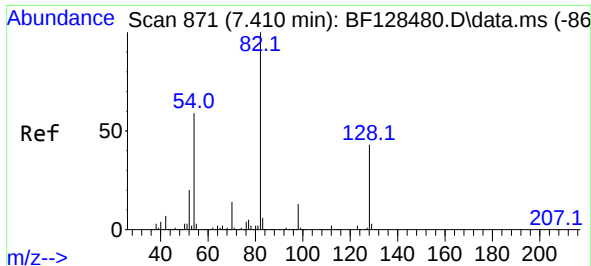
Tgt Ion: 99 Resp: 974112
Ion Ratio Lower Upper
99 100
42 23.4 17.3 25.9
71 42.6 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF128620.D
Acq: 01 Jun 2022 12:51

Tgt Ion: 136 Resp: 394865
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 9.1 7.5 11.3
68 4.3 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 99.878 ng

RT: 7.398 min Scan# 8

Delta R.T. -0.012 min

Lab File: BF128620.D

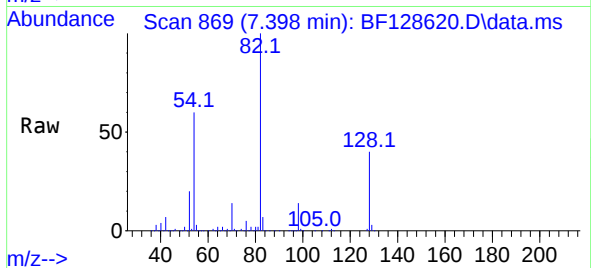
Acq: 01 Jun 2022 12:51

Instrument :

BNA_F

ClientSampleId :

P014-SS002-1218-01



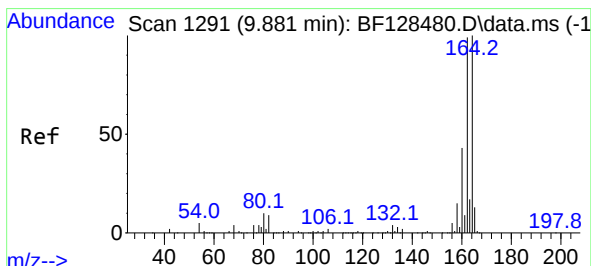
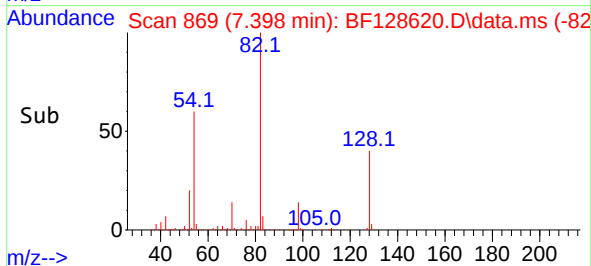
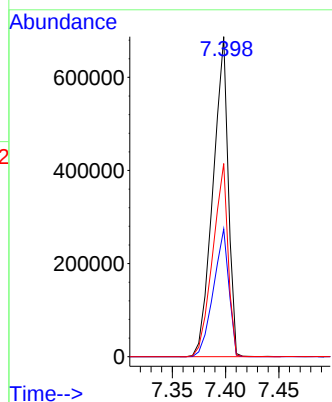
Tgt Ion: 82 Resp: 683647

Ion Ratio Lower Upper

82 100

128 39.9 34.0 51.0

54 60.3 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.012 min

Lab File: BF128620.D

Acq: 01 Jun 2022 12:51

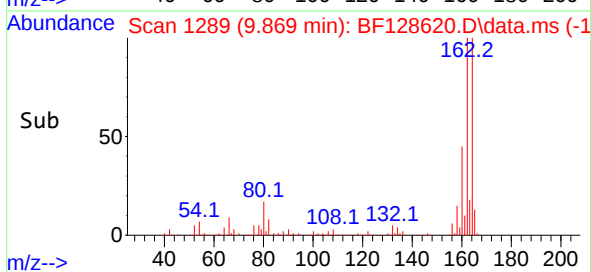
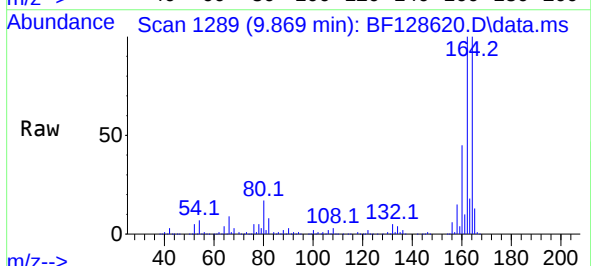
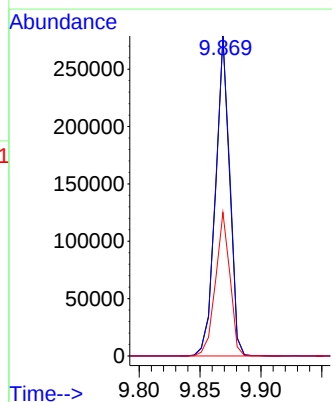
Tgt Ion: 164 Resp: 224394

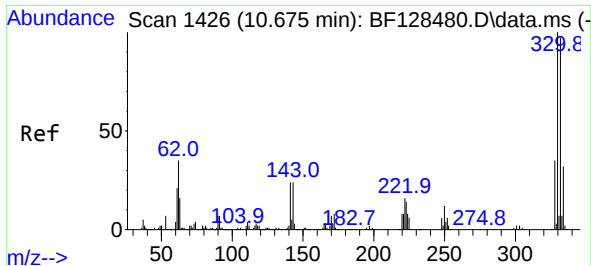
Ion Ratio Lower Upper

164 100

162 99.7 79.5 119.3

160 44.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 142.523 ng

RT: 10.669 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF128620.D

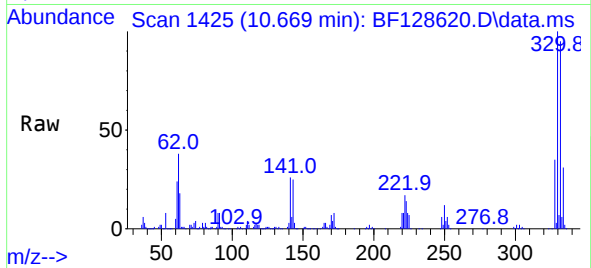
Acq: 01 Jun 2022 12:51

Instrument :

BNA_F

ClientSampleId :

P014-SS002-1218-01



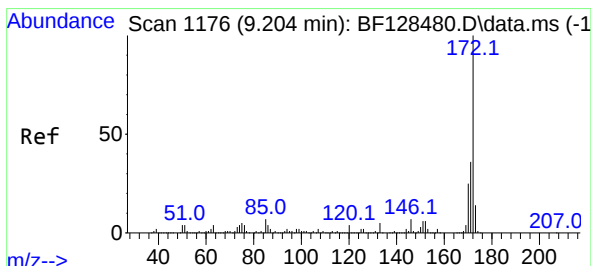
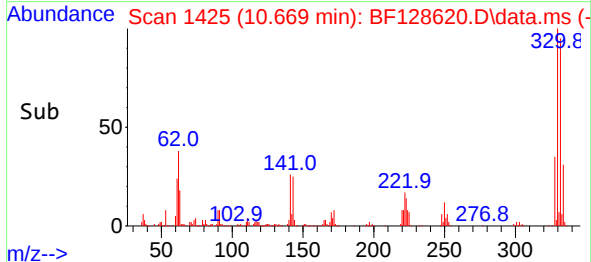
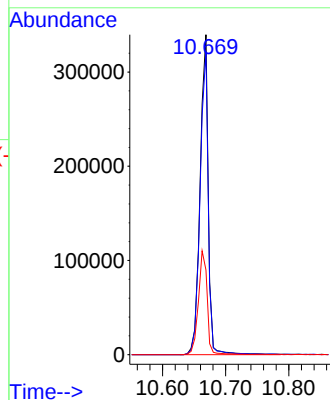
Tgt Ion:330 Resp: 304407

Ion Ratio Lower Upper

330 100

332 95.0 76.8 115.2

141 34.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 94.552 ng

RT: 9.192 min Scan# 1174

Delta R.T. -0.012 min

Lab File: BF128620.D

Acq: 01 Jun 2022 12:51

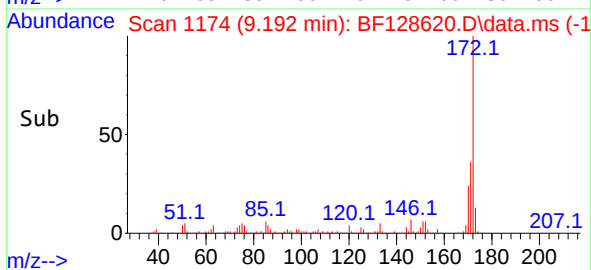
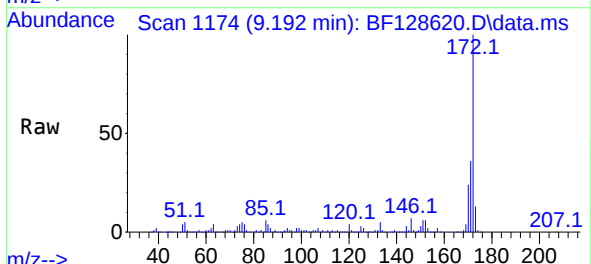
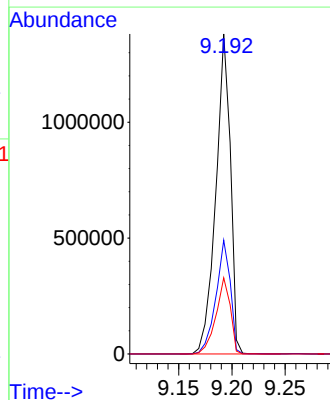
Tgt Ion:172 Resp: 1305940

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.8 19.8 29.8

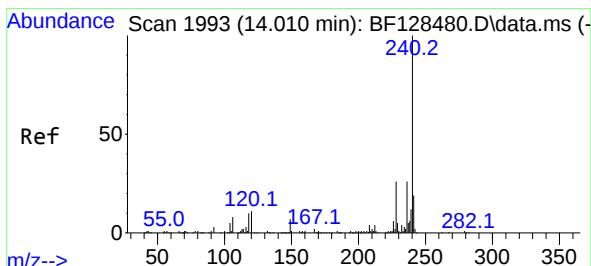
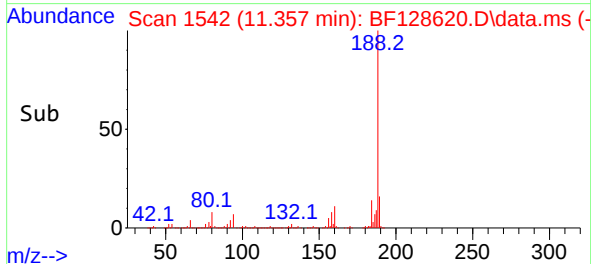
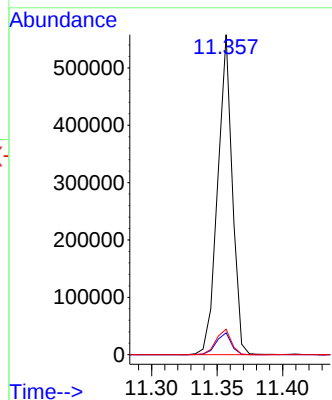
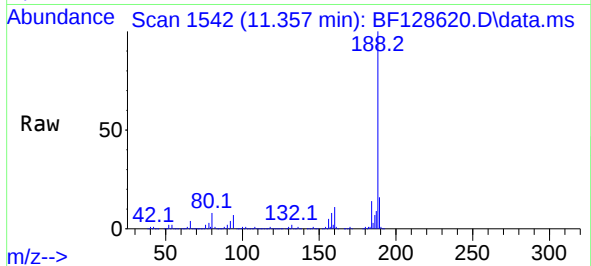




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128620.D
Acq: 01 Jun 2022 12:51

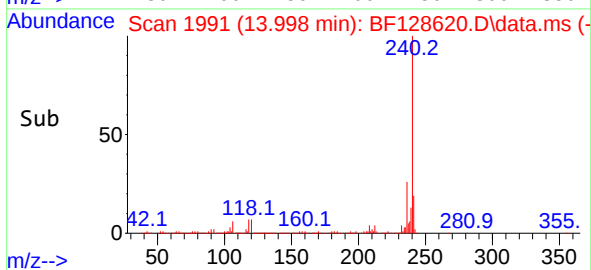
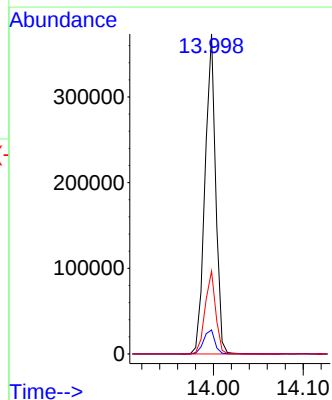
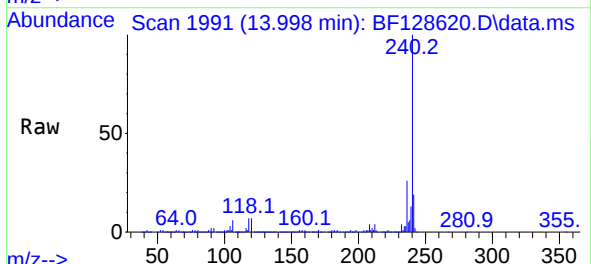
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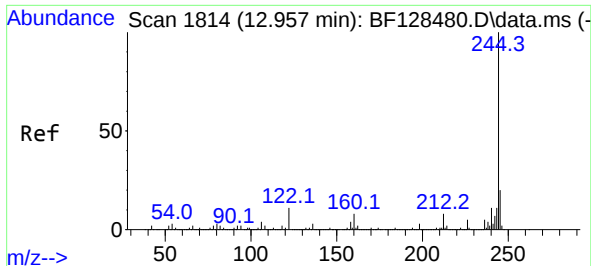
Tgt Ion:188 Resp: 431762
Ion Ratio Lower Upper
188 100
94 6.9 7.0 10.6#
80 8.0 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128620.D
Acq: 01 Jun 2022 12:51

Tgt Ion:240 Resp: 307488
Ion Ratio Lower Upper
240 100
120 7.5 8.9 13.3#
236 25.9 20.8 31.2

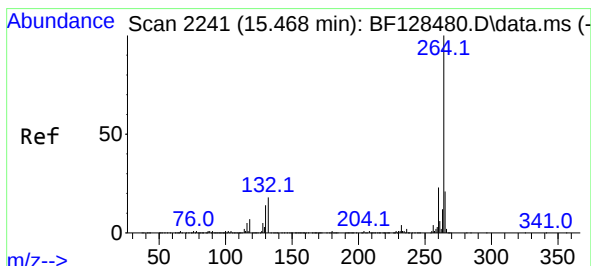
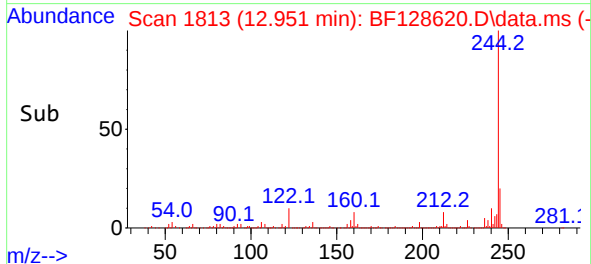
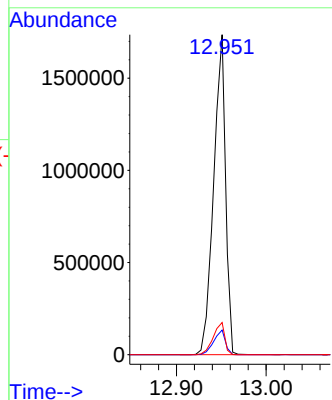
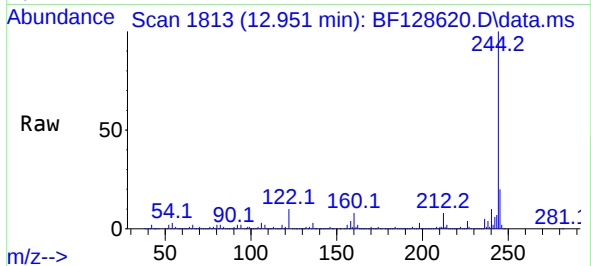




#79
 Terphenyl-d14
 Concen: 100.563 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128620.D
 Acq: 01 Jun 2022 12:51

Instrument :
 BNA_F
 ClientSampleId :
 P014-SS002-1218-01

Tgt Ion:244 Resp: 1600544
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 10.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2240
 Delta R.T. -0.006 min
 Lab File: BF128620.D
 Acq: 01 Jun 2022 12:51

Tgt Ion:264 Resp: 210373
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 21.2 17.2 25.8

