

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
 Data File : BF126659.D
 Acq On : 25 Jan 2022 13:21
 Operator : CG/JU
 Sample : N1235-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Jan 26 00:20:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	97647	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	380962	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	206933	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	332701	20.000	ng	0.00
76) Chrysene-d12	14.145	240	227134	20.000	ng	# 0.00
86) Perylene-d12	15.668	264	205280	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	883221	119.024	ng	0.01
7) Phenol-d6	6.581	99	1081220	104.871	ng	0.00
23) Nitrobenzene-d5	7.528	82	972612	99.929	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	276254	142.651	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1253830	92.795	ng	0.00
79) Terphenyl-d14	13.086	244	1262936	93.261	ng	0.00

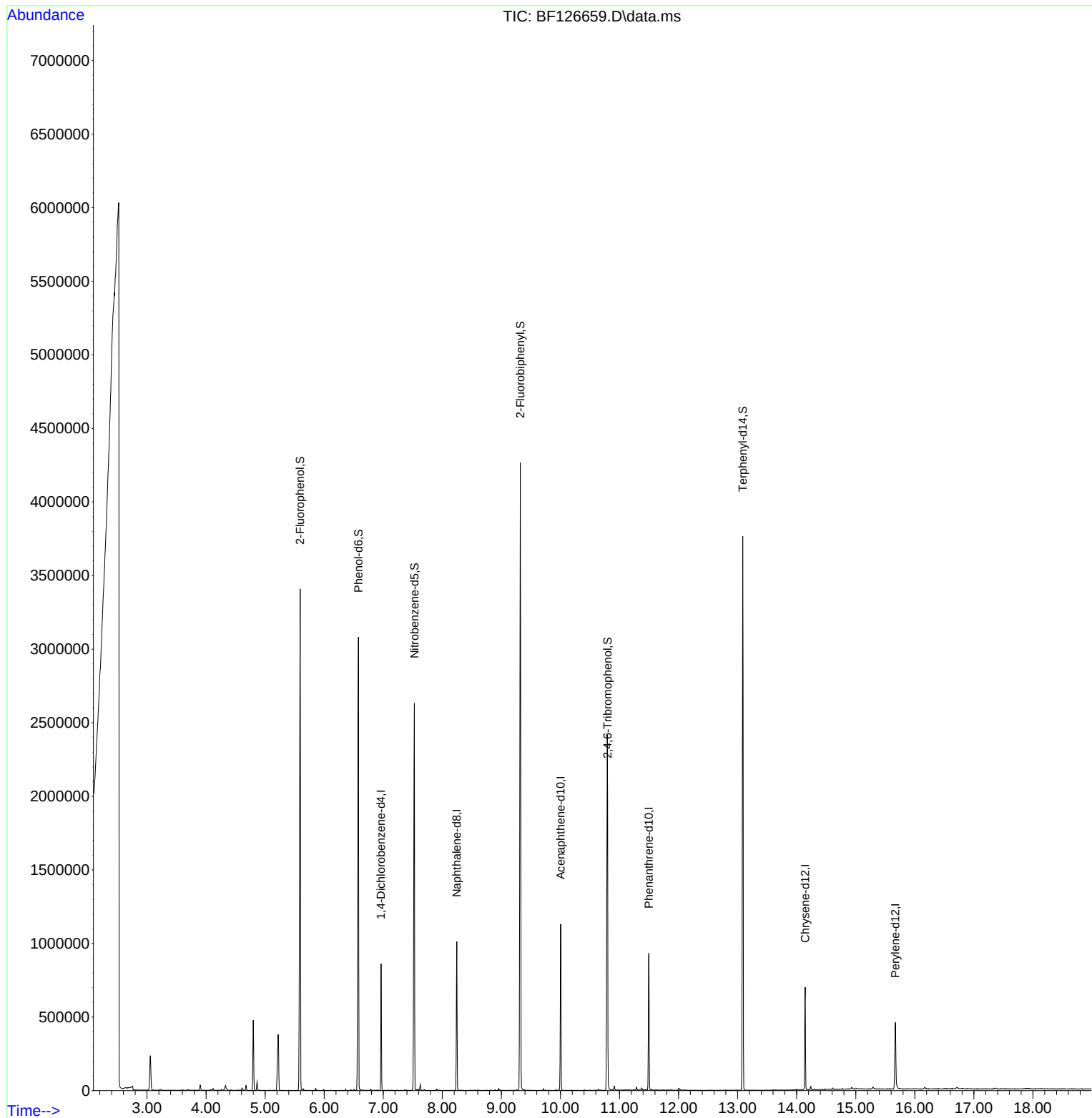
Target Compounds	Qvalue

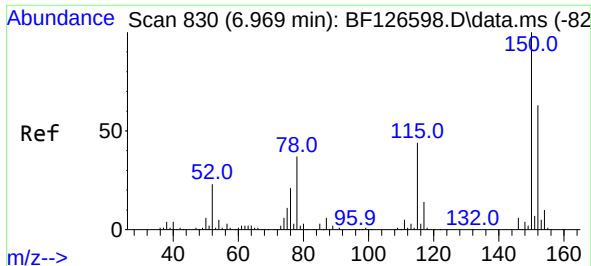
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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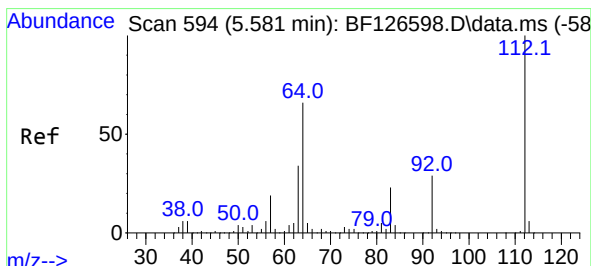
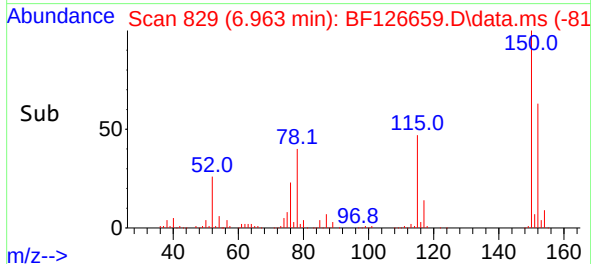
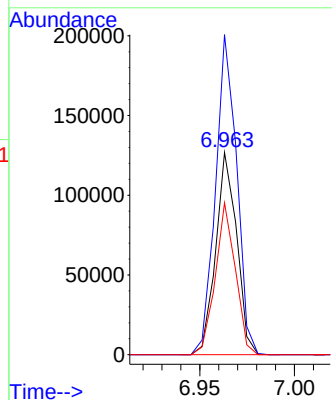
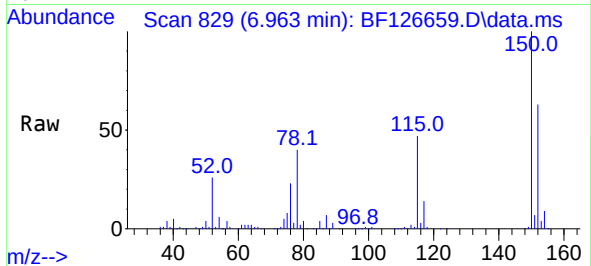




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126659.D
Acq: 25 Jan 2022 13:21

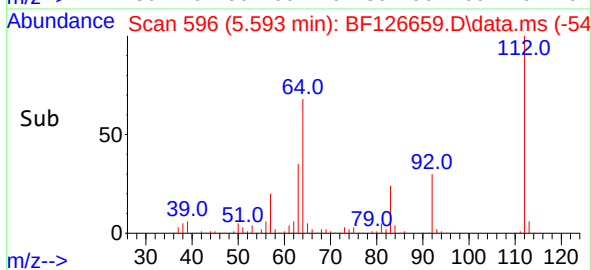
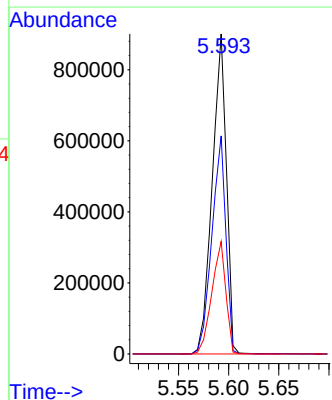
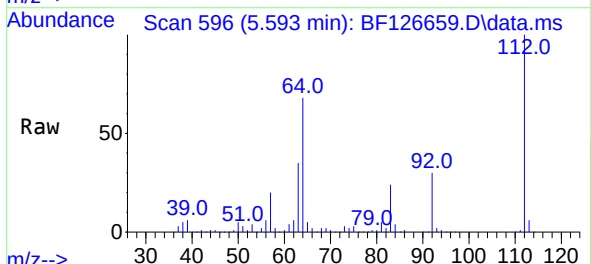
Instrument :
BNA_F
ClientSampleId :
TP-2

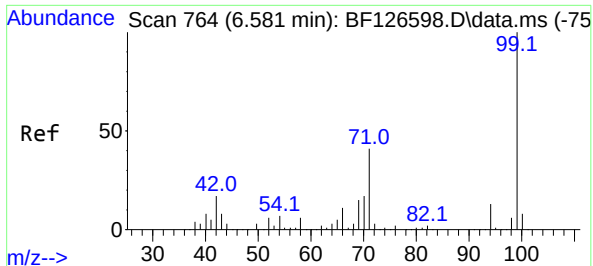
Tgt Ion:152 Resp: 97647
Ion Ratio Lower Upper
152 100
150 158.2 128.1 192.1
115 75.1 56.7 85.1



#5
2-Fluorophenol
Concen: 119.024 ng
RT: 5.593 min Scan# 596
Delta R.T. 0.012 min
Lab File: BF126659.D
Acq: 25 Jan 2022 13:21

Tgt Ion:112 Resp: 883221
Ion Ratio Lower Upper
112 100
64 68.2 49.5 74.3
63 35.2 23.9 35.9



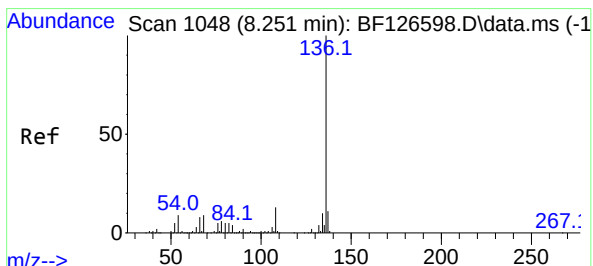
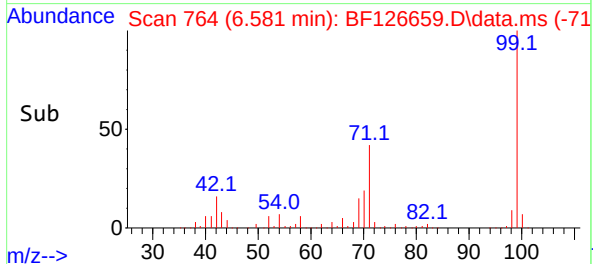
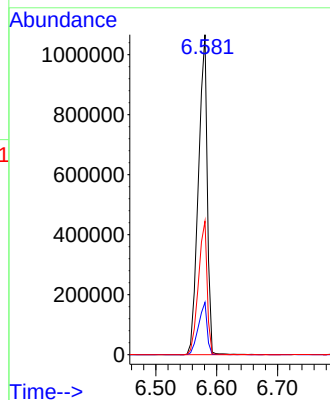
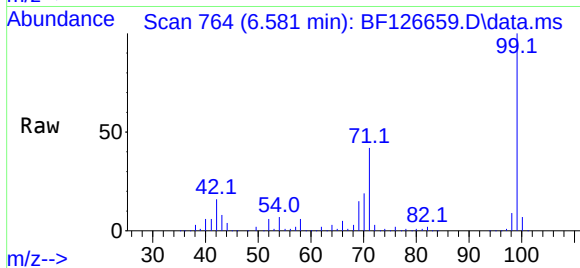


#7
Phenol-d6
Concen: 104.871 ng
RT: 6.581 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF126659.D
Acq: 25 Jan 2022 13:21

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion: 99 Resp: 1081220

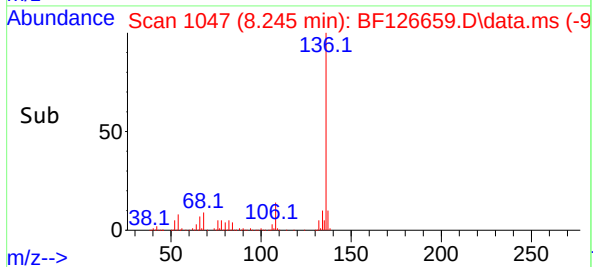
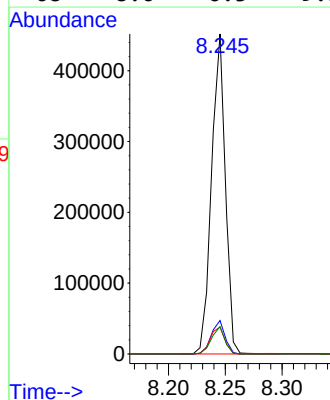
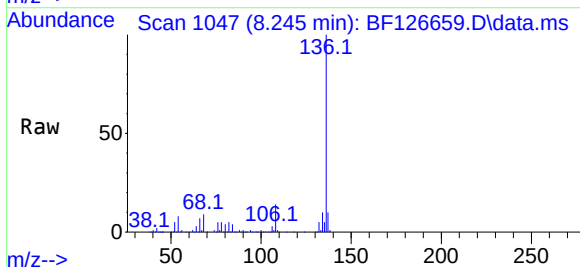
Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.2	21.4
71	41.7	24.3	36.5

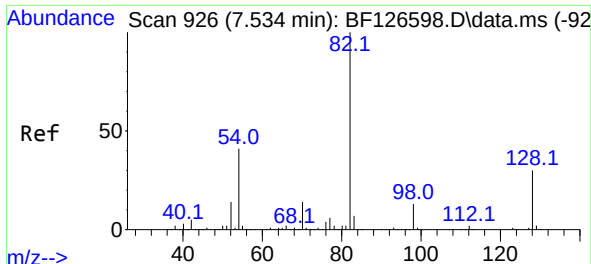


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126659.D
Acq: 25 Jan 2022 13:21

Tgt Ion: 136 Resp: 380962

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	8.4	7.8	11.6
68	8.6	6.3	9.5

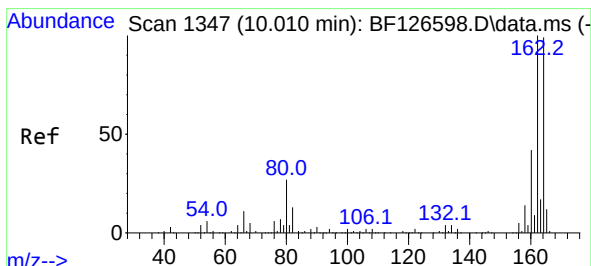
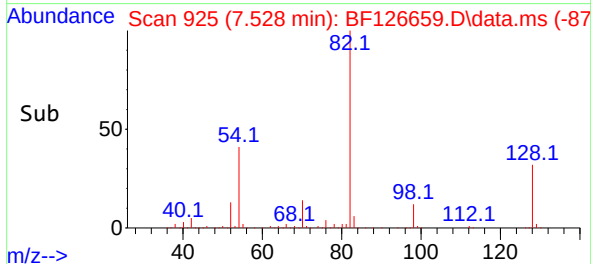
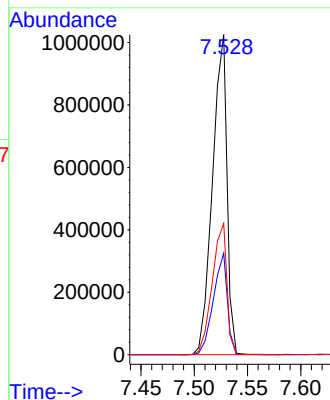
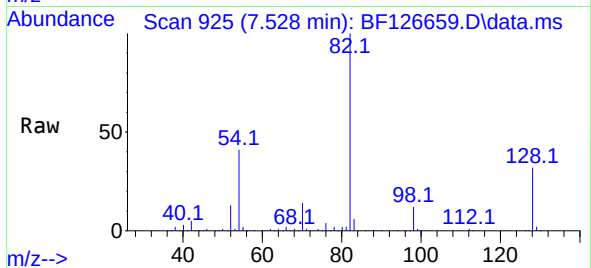




#23
Nitrobenzene-d5
Concen: 99.929 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126659.D
Acq: 25 Jan 2022 13:21

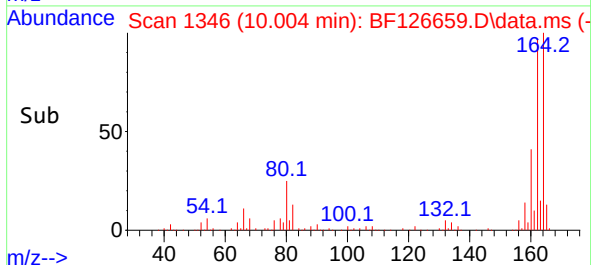
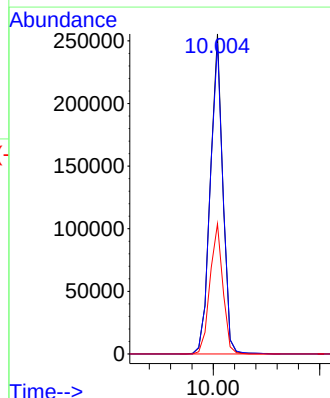
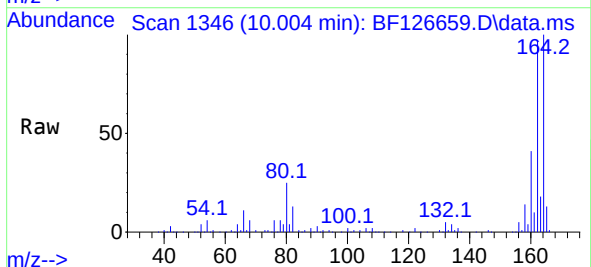
Instrument :
BNA_F
ClientSampleId :
TP-2

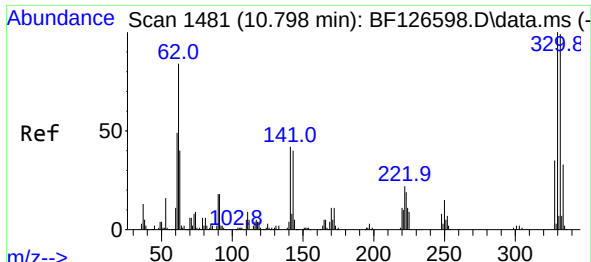
Tgt Ion: 82 Resp: 972612
Ion Ratio Lower Upper
82 100
128 31.7 32.7 49.1#
54 41.0 41.7 62.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF126659.D
Acq: 25 Jan 2022 13:21

Tgt Ion:164 Resp: 206933
Ion Ratio Lower Upper
164 100
162 97.1 81.4 122.0
160 40.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 142.651 ng

RT: 10.798 min Scan# 1481

Delta R.T. -0.000 min

Lab File: BF126659.D

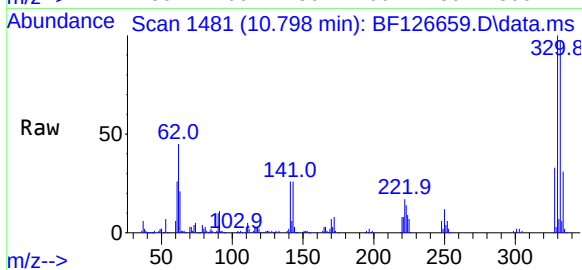
Acq: 25 Jan 2022 13:21

Instrument :

BNA_F

ClientSampleId :

TP-2



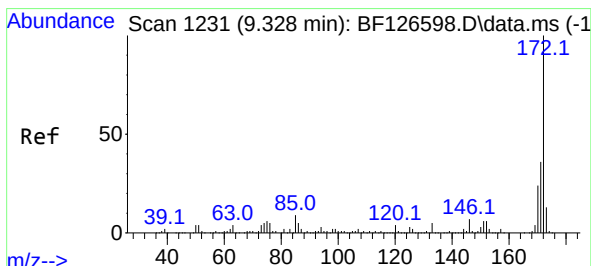
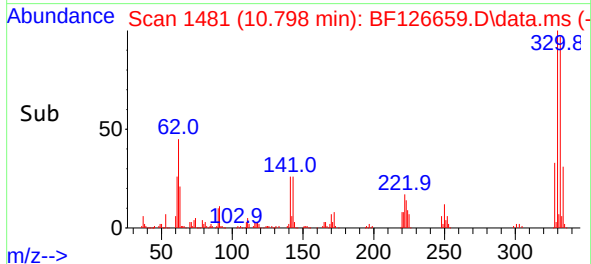
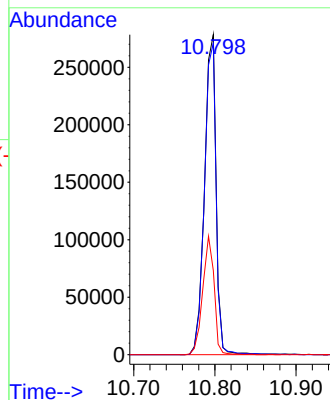
Tgt Ion:330 Resp: 276254

Ion Ratio Lower Upper

330 100

332 98.0 76.0 114.0

141 36.5 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 92.795 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF126659.D

Acq: 25 Jan 2022 13:21

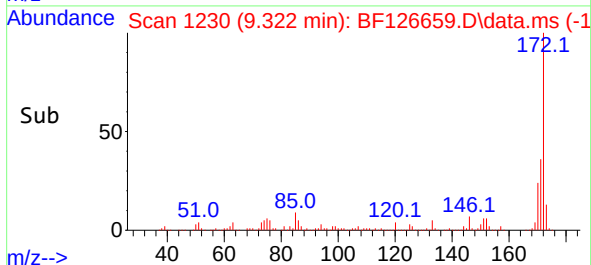
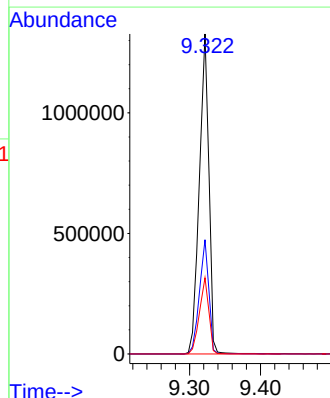
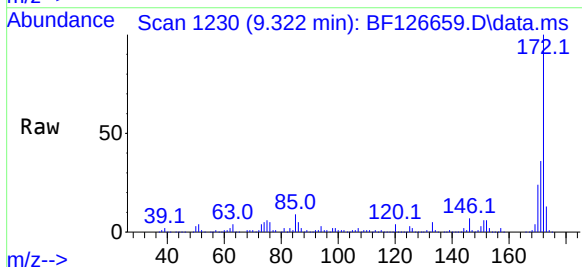
Tgt Ion:172 Resp: 1253830

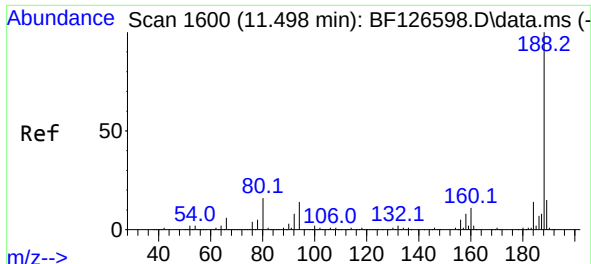
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.8 19.0 28.6

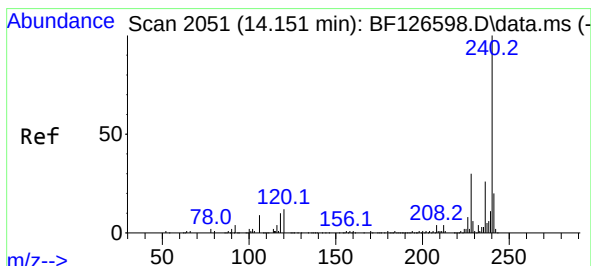
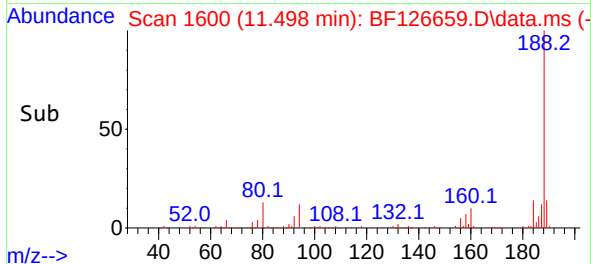
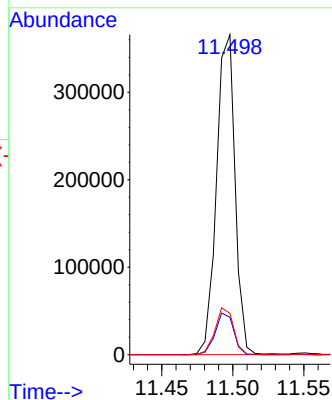
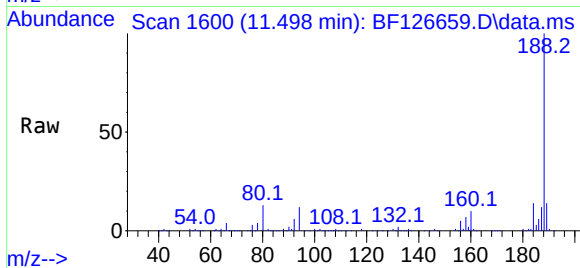




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF126659.D
Acq: 25 Jan 2022 13:21

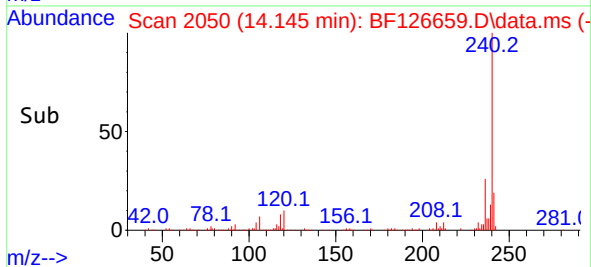
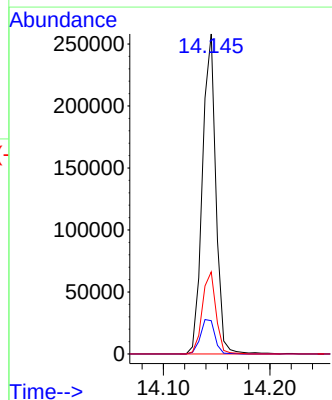
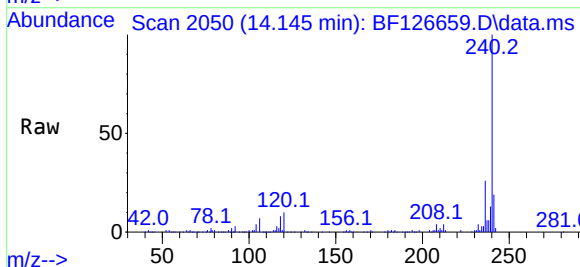
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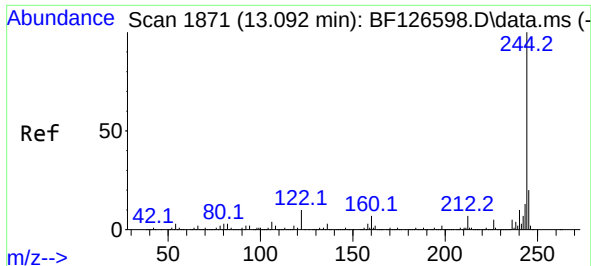
Tgt Ion:188 Resp: 332701
Ion Ratio Lower Upper
188 100
94 11.7 10.1 15.1
80 12.9 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF126659.D
Acq: 25 Jan 2022 13:21

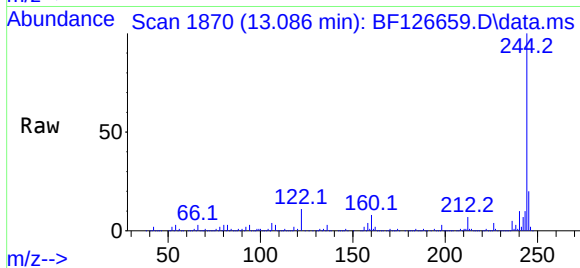
Tgt Ion:240 Resp: 227134
Ion Ratio Lower Upper
240 100
120 10.4 14.4 21.6#
236 25.6 20.5 30.7



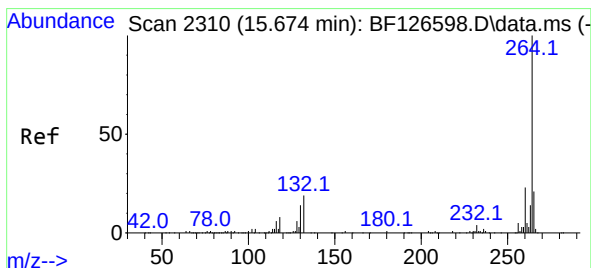
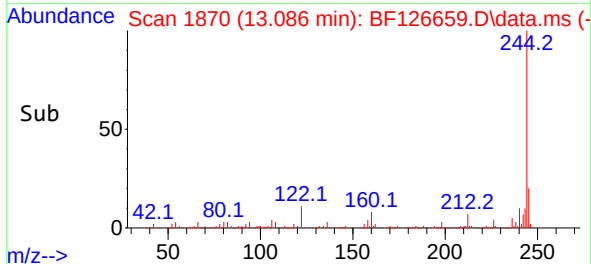
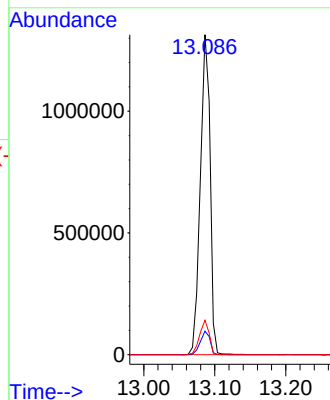


#79
 Terphenyl-d14
 Concen: 93.261 ng
 RT: 13.086 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126659.D
 Acq: 25 Jan 2022 13:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-2



Tgt Ion:244 Resp: 1262936
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.0 7.4
 122 10.8 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.668 min Scan# 2309
 Delta R.T. -0.006 min
 Lab File: BF126659.D
 Acq: 25 Jan 2022 13:21

Tgt Ion:264 Resp: 205280
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.8 17.4 26.2

